

17 Vital Spots in 11 Great Markets

Eleven great markets are tharoughly covered by the 17 Vital Spot stations. Scores of experienced advertisers are increasing sales in every one of these selected markets—at lowest cost; that's why NBC's spot billing on the 17 Vital Spots increased 29 per cent during 1940.

### 17 VITAL SPOTS-11 GREAT MARKETS

	New York	WESTIN	GHOUSE STATIONS
WEAF	50,000 Wells-660 kc. 50,000 Wells-770 kc.		ostan - Seringfield
WMAO	Chicago 50,000 Wests—670 ks. 50,000 Wests—890 ks.	WBZA WBZA	50,000 Wests-1030 kc. L000 Wests-1030 kc. Philodelphia
KGO KPO	5en Frencisco 7,500 Wetts—810 kc. 50,000 Wetts—690 kc.	KYW	50,000 Wetts-1060 kc. Fittsburgh 50,000 Wetts-1020 kc.
WRC WMAL	Washington 5,000 Warts—980 kc. 5,000 Warts—630 kc.	wowo wgt	Ft. Wayne 10,000 Watts—1190 kc. 250 Watts—1450 kc.
KOA	50,000 Wests-E50 kz.	GENER/	LE ELECTRIC STATION

The NBC Spot Specialist in New York, Chicago, San Francisco, Boston, Cleveland, Washington, Denver, or Hallywood, will give you full information on any or all of these NBC Regresented Stations.

WEST

50,000 Watts-810 kc.

NBC-SPOT & LOCAL SALES

50,000 Watts-IIDD kc.

WTAM

New York \* Chicago • San Francisco • Boston • Washington • Cleveland • Denver • Hallywood

NATIONAL BROADCASTING COMPANY A Radio Corporation of America Service

### INTRODUCTION

Nothing could so compellingly reflect the importance and stability of the inspiring and progressive world of radio as the one thousand pages that follow. Radio plays a distinct and convincing part in the everyday life of us all. Its past is a dynamic march of uninterrupted progress. Its future, including Short Wave, FM. Facsimile and Television is reaching toward new horizons. Its record is as honest as an old fashioned garden. And so, RADIO DAILY once again is proud to play its modest part in presenting to its subscribers, everywhere, as part of RADIO DAILY service, the 1941 edition of RADIO ANNUAL.

### APPRECIATION

RADIO ANNUAL is constantly in preparation. The 1942 edition will be in work before the presses stop rolling on this volume. Its comprebensiveness and accuracy is only made possible by the sympathetic and enthusiastic cooperation of every branch of radio. To the many Governmental Departments in Washington and New York, the Federal Communications Commission,

The Federal Trade Commission, The National Association of Broadcasters. The Columbia Broadcasting System, the Mutual Broadcasting System, The National Broadcasting System, and to the many others from far and wide who have lent their aid, we say, many, many thanks.



Jack alierate
Publisher

In Further Advancing Its Position of Leadership in the Field of Independent Radio Program Production

### TRANSAMERICAN

Aubrey, Moore & Wallace, Inc. - - Williamson Candy Company

N. W. Ayer & Son, Inc. - - Frank H. Fleer Company

Blackett-Sample-Hummert, Inc. - - General Mills, Inc.

Blackett-Sample-Hummert, Inc. - - Procter & Gamble Company

Compton Advertising, Inc. -- Procter & Gamble Company

Geyer, Cornell & Newell, Inc. - - Nash-Kelvinator Corporation

Geyer, Cornell & Newell, Inc. - - Joseph Schlitz Brewing Company

Hutchins Advertising Company, Inc. - - Philo Radio & Television Corp.

Lennen & Mitchell, Inc. -- John H. Woodbury Company, Inc.

Lennen & Mitchell, Inc. -- P. Lorillard Company

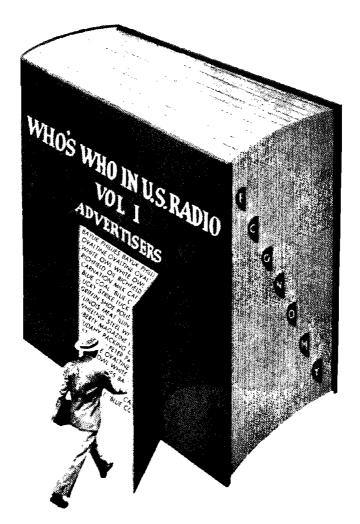
O'Dea, Sheldon & Canaday, Inc. - - Chilean Nitrate Educ. Bureau, Inc.

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### NO LONGER JUST FOR THE CHOSEN SEVENTY-FIVE

During the past winter, only seventy-five advertisers on all networks were able to afford hookups of 50 or more stations for their products. Significantly, the average weekly expenditure of these was \$8,000 an evening half hour.

Now Mutual's new Volume Plan—by removing the budget barrier that allowed only the biggest to employ large scale broadcasting—opens the way to widespread network success on a modest budget. Seventy-six station coverage of the country, reaching over 200 of the leading 300 markets, is now available for only \$3,583 an evening half hour.

### MUTUAL BROADCASTING SYSTEM

WATCH THIS COOPERATIVE NETWORK OF INDEPENDENT STATIONS

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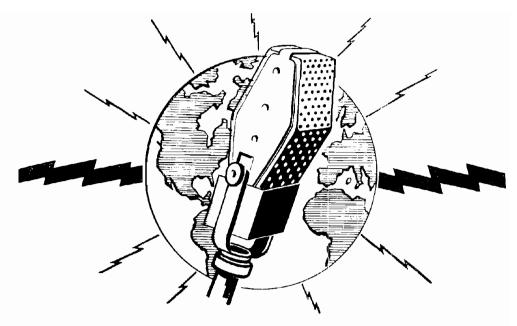
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Key station of Michigan Radio Network



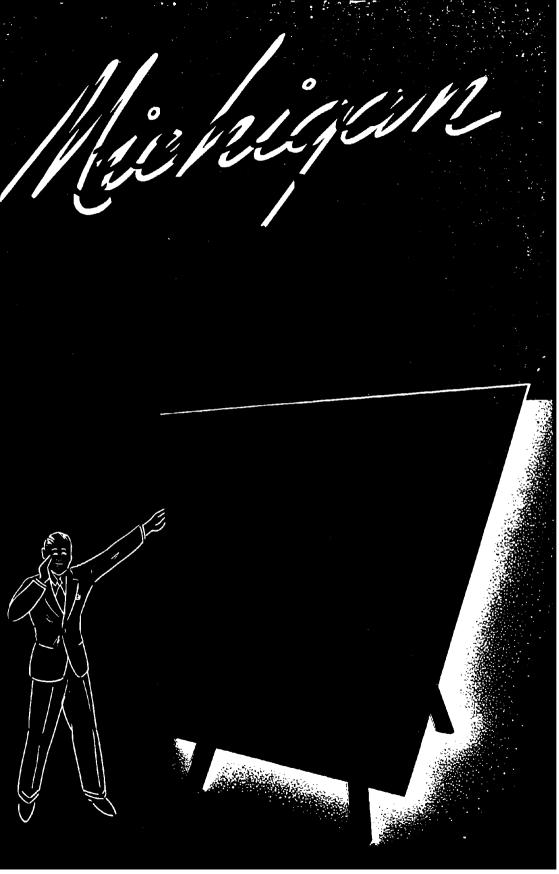
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NBC Blue Network

5000 WATTS NIGHT TIME

National Sales Representative: PAUL H. RAYMER CO.





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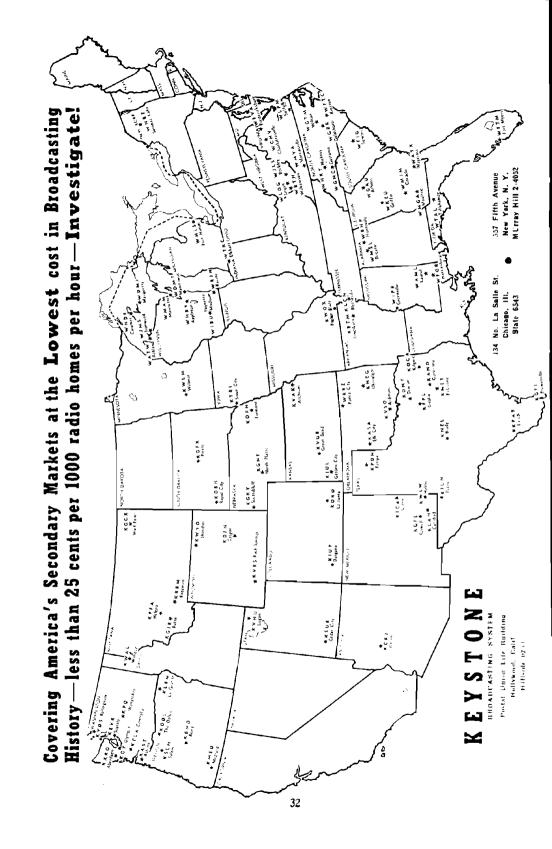
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Unger, Stella	WHIO         520           WHLS         16           WHN         238           WHOM         491           WIBM         16	Wilbur, Crane       666         Williams, Wythe       770         Wilson, Powell       6 Hayward, Inc.         ward, Inc.       652         Winters, Ray       794         Wolf Associates, Inc.       656
United Press 36	WHIO     520       WHLS     16       WHN     238       WHOM     491       WIBM     16       WIBW     424	Wilbur, Crane       666         Williams, Wythe       770         Wilson, Powell       6         Ward, Inc.       652         Winters, Ray       794         Wolf Associates, Inc.       656         Wood, Farry       742
United Press 36	WHIO     520       WHLS     16       WHN     238       WHOM     491       WIBM     16       WIBW     424       WILM     535       WINS     490	Wilbur, Crane       666         Williams, Wythe       770         Wilson, Powell       4         ward, Inc.       652         Winters, Ray       794         Wolf Associates, Inc.       656         Wood, Parry       742         Weod, Helen       70
Valentine, Lew 714	WHIO     520       WHLS     16       WHN     238       WHOM     491       WIBM     16       WIBW     424       WILM     535       WINS     490       WIND     408	Wilbur, Crane       666         Williams, Wythe       770         Wilson, Powell & Hayward, Inc.       652         Winters, Ray       794         Wolf Associates, Inc.       656         Wood, Parry       742         Weod, Helen       70         Wocds, Donald       70
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Valentine, Lew	WHIO 520 WHLS 16 WHN 238 WHOM 491 WIBM 16 WIBW 424 WILM 535 WINS 490 WIND 408 WIOD 382 WIP 544 WISN 601	Wilbur, Crane       666         Williams, Wythe       770         Wilson, Powell       4         Ward, Inc.       652         Winters, Ray       794         Wolf Associates, Inc.       656         Wood, Parry       742         Weod, Helen       70         Wocds, Donald       70         Wragge, Eddie       4         Eliza-
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# THIS IS THE FOURTH EDITION OF

## RADIO ANNUAL

1941

Designed to cover radio completely, for distribution shortly after the first of each year, and issued to Radio Daily subscribers as part of Radio Daily Service.



- -79,200 words of LIVE news daily by the highest-speed (60-words-per-minute) teletypes
- —15 additional exclusive features a week on special topics written for radio by ace script-writers
- —the benefit of a world-wide 3-1-year-old news gathering organization with a reputation for "Get it First, but First get it Right."
- an unequalled array of journalistic talent such as Barry Faris, Kenneth T. Downs, William K. Hutchinson, Pierre J. Huss, Inez Robb, W. S. Neal and W. W. Chaplin
- an unusually large number of scoops and inside information.

### INTERNATIONAL NEWS SERVICE



Nineteen hundred and forty-one holds rich promise of further development of the new services and continuation of the progress recorded by this vital industry in 1940.

Chairman, Federal Communications Commission

In standard broadcasting, the coming year should witness a marked improvement in service by reason of reallocation of frequencies under the North American Regional Broadcasting Agreement, which is scheduled to become effective in Canada, Cuba. Mexico, and the United States on March 29, 1941.

The year 1941 will also go down in radio annals as witnessing the inauguration of frequency modulation—popularly known as FM—as a recognized commercial broadcast service. Millions of persons live in the charted service areas of the FM stations already authorized to go on a regular program basis. The business debut of FM invites public demand for service and sets, which should have a stimulating effect on all phases of the radio business.

Then there is the favorable prospect of television being able to stand on its own feet in the very near future. As this is being written, millions of dollars are available for practical research and demonstration looking to that goal, through the medium of numerous television stations authorized to operate experimentally in many cities throughout the nation.

The present emergency has imposed new and exacting responsibilities on the broadcasters as well as on the Federal Communications Commission. Both are united in a common cause. By this time the industry must fully appreciate the fact that the Government does not want to interfere with this service any more than is necessary for the national security. In the defense program, as in all things, success can be assured only by the joint activity of industry and Government.





Editors value this complete, careful coverage. They know that no matter what happens or where it happens, United Press will report it and report it reliably. They know that U.P. stands for uniform performance.

United Press scores many news beats. But these are not objectives. They are brilliant by-products, the result of sound, sure, full United Press coverage. The consistent excellence of United Press news continues to be its most impressive recommendation.

rmana



Cotyrialt Harris & France

# RADIO'S GREATEST YEAR

# NEVILLE MILLER President National Association of Broadcasters

THE normal, everyday problems of broadcasting are kalcidoscopic and complex in serving the interests of the American radio audience—the greatest single audience ever gathered in the history of mankind. But in 1940, the industry was called upon to take on the additional responsibilities of covering a war, world-wide in proportions, and in handling a presidential election campaign of unprecedented proportions. It did both superbly. Both the winner and the loser of the presidential contest had nothing but praise for the manner in which broadcasters lived up to their public responsibilities. And both re-pledged themselves to the preservation of the free and competitive System of Broadcasting which, in its short but dazzling twenty-year record, has brought this nation the best broadcast service in the world.

At the same time, broadcasters grouped together to prevent a rear-guard action by those forces who sought to conquer their economic life and freedom through "divide and conquer" tactics. The industry has stood its ground in the music battle, with strength and common sense. In so doing, it has brought about a new impulse in the creative arts and has brought forth to the ears of listeners a body of fresh music hitherto denied

access to publisher or broadcaster.

At the same time progress in the radio art has developed—technical—social—and creative. The level of programming was heightened and diversified. F-M and Television moved nearer everyday realities. Service to education, religion and public service expanded. And from the start, radio has shown vision, ability and patriotism in its contributions to the national defense program. No media can show a more generous nor effective record in giving unstintingly of its facilities in unifying the nation, in transmitting vital defense information, in building morale.

Our relations with Labor continued on the same satisfactory plane, generally, which has characterized our relations for a long period of time. New relations with public, press, government, the advertiser, and with each other have been accomplished in an environment of friendliness and understanding. It has been a great year. 1941 will

be our greatest.

Low Compare NAB Section Please Post to Page 930.

# Thanks

To the radio editors of the United States and Canada.

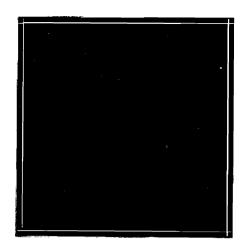
To my brothers, and the boys in the band.

To our sponsors—Lady Esther.

To the Roosevelt Hotel.

And to our exclusive agents and friends, MCA.

Guy Lombardo



EVERYWHERE on its toes, the industry again came through the year with flying colors in point of gross sales, topping all previous marks by a wide margin. Both network and spot business forged steadily ahead and as the 1941 picture looms, there is no indication that the pace will slacken.

As expected, increased overhead ate into the net profits, government taxes being a particularly high item; yet a considerable portion of the expenditures that might have been left to bolster the profit side of the ledger, went toward the ever increasing desire to supply listeners with improved educational features and every possible program coming under the head of public service.

Season of 1940-41 must be set down as the period of crisis for the industry wherein its most turbulent problem came to a head. The NAB in association with networks, affiliates down to 100-walters, all cooperated in the establishment of a music reservoir of their own. Much to the amazement of those in and out of the trade, radio found that it could get along without buying music from sources it considered too high-priced. In this respect both agency and sponsor gave valuable support.

Radio was able to peacefully settle its labor disputes and again evidenced its desire to meet union officials and work out problems across the conference table. In its stride, the industry did a neat job of handling the many political hookups and individual broadcasts, both commercial and the free-time requests. Major party conventions and the presidential election came in for equally fine coverage. Radio continues to cover the war regardless of expense and the American public continues to be the best informed in the world.

From the FTC point of view, the industry is least among the offenders disseminating questionable advertising copy. No major complaint originated during the year against any program devised for the listener's entertainment. Again, the NAB Code proved that the broadcasting business was capable of self-regulation.

Full cooperation was and is being given the U. S. departments seeking to improve relations with Latin neighbors in Central and South America. Still closer cooperation is being given the National Defense program.

Another highlight for 1940 saw frequency modulation as a system of broadcasting given the go-ahead signal by the FCC which granted it full commercial rights, but to some extent at the expense of television. As FM came out of the laboratory, tele went back, a victim of disagreement on standards. With FM the center of much activity and out of the way as a "problem." tele is expected to emerge during the year, unfettered and possibly greatly encouraged.

Re-allocations of frequencies and power boosts became a reality as per Havana Treaty and the assignments become effective on March 29, 1941.

Government's attitude on radio is still unpredictable; the FCC dangling its monopoly report, and the ramifications attached thereto, seem to spell potential trouble. However, the industry is in a more confident state than at any time during its 20-year history. It has achieved a long-standing objective in the music situation and it is only reasonable to believe that it will put up an equally strong fight against any inequitable condition that may arise.

### Thanks, Radio Editors

# Jack Benny

### JELL-O PROGRAM

#### My Cast:

MARY LIVINGSTONE

DON WILSON

PHIL HARRIS

**DENNIS DAY** 

"ROCHESTER"

My Authors:

**BILL MORROW** 

**ED BELOIN** 

# TEN OUTSTANDING RADIO NEWS EVENTS — OF 1940 —

Broadcast Music, Inc., was organized by the radio industry to set up a pool of music independent of Ascap and to foster new songwriting talent.

Branch of the Defense Board, for Communications, was set up with prominent radio officials chosen to serve on the board.

FCC held hearings on television and frequency modulation, with the result that FM was given the green light to go commercial, while some television bands were given over to FM as well.

National Television Systems Committee was formed, the members coming from various arms of the industry, the purpose being to make a study and submit full report to the FCC to guide the body in making further decisions on the television regulations.

Hearings were held before the FCC on the investigation of chain broadcasting and possible monopoly, briefs filed and argument heard relative to the adoption of the report on the investigation made by an FCC Committee.

Networks and agencies made a new contract with AFRA after lengthy negotiations.

CBS formed an international network of 64 stations in Central and South America, to begin operations in the fall of 1941.

Network billings, CBS, NBC and MBS again exceeded all previous gross revenue for a total of \$96,000,000.

After failing to obtain a consent decree from Ascap, U. S. Attorney General Jackson instructed his assistant Thurman Arnold to bring suits under the anti-trust laws against Ascap, NBC, CBS and BMI. (All parties have since signed respective decrees.)

Networks and hundreds of affiliates and independent stations throughout the country discontinued the use of Ascap music at 12 midnight December 31, as the five-year contracts with Ascap came to an end.

Outstanding New Program
Alka-Seltzer's "Quiz Kids."

Most Remarkable Broadcast

Evacuee children talking to parents in England in two-way conversation.



"TIME TO SMILE" with

Eddie Cantor



# RADIO FACTS AND FIGURES OF 1940

As of January 1, 1941, it was estimated that 50,100,000 receiving sets were in the United States, a gain of 6.1 per cent.

Advertisers spent a gross sum of \$96,455,603 for network facilities, during 1940.

Political groups contributed \$1,638,913 of the total network revenue received from advertisers.

First television commercial contract was signed by Esso (Standard Oil subsidiary) with NBC for newscasts which opened a series on March 20.

Drug and Toilet Goods business forged ahead in 1940 billings on NBC networks for a total of \$16,932,687; Foods and Food Beverages led the clients on CBS, nosing out Foods, and spending a total of \$14,287,174; Food Beverage clients led on MBS, with an expenditure of \$584,766.

Radio's biggest individual advertiser, Procter & Gamble, spent \$10,999,416, during 1940, nearly twice the sum expended by the runner-up, Sterling Products.

Outstanding television development of the year was Dr. Peter Goldmark's color pickup and transmission under the aegis of CBS.

Final details were set by Havana Treaty signatories and the FCC, which changes the frequencies of 795 stations out of a possible 882, effective March 29, 1941.

FCC granted applications for 76 new stations during 1940, some of them still to be built, making a total number of 882 licensees in the U. S. at the year-end.

Five new affiliates joined CBS during the year, the network having 124 outlets in 123 cities as against 119 in 118 cities the year before; MBS added 50 affiliates for a total of 168; NBC entered the year 19 i0 with 180 Red and Blue outlets, which were increased to 219 at the year-end. Now stands at 132 for the Red and 87 for the Blue, gaining 26 and 13 respectively.

Newspaper-owned or affiliated stations climbed to 294 throughout the country, representing approximately 33-1-3 per cent of the total ownership, and a gain of nearly 5 per cent despite the many new outlets granted.

First FM commercial signed gave Longine time-signals on W2XOR (N. Y.), effective January 1, 1941.

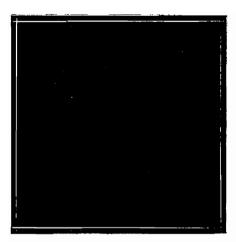
# FRED ALLEN





WABC . . . Wednesdays . . . 9-10 P. M., EST.

WALTER BATCHELOR, Manager



RADIO, as an industry and a vast service of domestic and world-wide communications, made gains on all fronts in 1940. Continued progress is foreseen for 1941. National defense and public service are the keynotes of its present plans. Going ahead full steam, the radio industry directly and indirectly is responsible for the employment of more than 500,000 people in the United States. The annual payroll is above \$500,000,000. These figures represent an increase of 15 to 20 per cent over 1939.

Radio is America's international lifeline of communication. With Europe in flames, the United States finds itself equipped with the world's most efficient and far-flung radio system. It was not that way during the World War. American enterprise, scientific progress and public support have built an unmatched radio service for the United States.

Expansion

Radio and electrical manufacturing plants throughout the country are expanding. Employment by RCA and its subsidiaries, engaged in every field of radio, has risen to 27,000 compared with 22,000 employees at the beginning of the year. All available space at the Cam-den and Harrison, N. J. plants of RCA is now in use. In addition, a new factory has been opened at Bloomington, Indiana, and the plant at Indianapolis has added 15 acres for new buildings.

There are no bottlenecks in radio production. Tools and machinery are geared to meet national defense requirements, as well as domestic and commercial needs. Already substantial orders for radio apparatus, spread throughout the industry, have been placed to fill the needs of the Army, Navy and aviation. Because of the importance of military communications, it is reported in the press that 80 per cent of the Signal Corps funds are being spent for radio equipment, the majority for Air Corps needs. Expanded Army encampments call for new radio facilities, as do the new airport stations announced by the

War Department,

This country is particularly fortunate in having 53 000 licensed radio amateurs to qualify for duty in case of emergency. The amateur experimenter has contributed his talents and services during the last war and has always responded to the Nation's call.

Production

Radio broadcast receivers United States are counted at 49,000,000 including 8.000,000 auto radios. Production estimates for 1940 indicate more than 11,000.000 new radios have run off the production belts since the year opened. There has been a notable gain in the popularity of home-recording in combination with the radio set. output of radio-phonograph consoles has doubled this year to 450,000. At the same time, the phonograph record business has reached a new peak. It is estimated that between 65 and 70 million discs will be sold in 1940.

While it is difficult under present conditions to compile accurate figures throughout the world, it is believed that internationally approximately 80,000,000 radio sets are "on the air"; of this total nearly 50,000,000 are in the United States. One of 1940's contributions in this country is the "personal radio," selfcontained and camera-size, made possible largely by the development of miniature tubes and small but efficient dry

batteries.

Despite the war and its "silencing" of many countries overseas, the circuits of R.C.A. Communications, Inc. connect directly with forty-three nations. New circuits were opened in 1940 to the Belgian Congo, Barcelona, Greenland, Fin-land, St. Pierre and Miquelon Islands; also to Bordeaux and Lyon, France, the latter serving Vichy. In the marine field. the S.S. America took to the ocean in 1940 equipped by the Radiomarine Corporation of America with the most upto-date and streamlined shipboard installation ever to sail the seas.

Television

Television, while it has been making history, has also been making technical adjustments for progress. Scientifically, there has been no television holiday on the 1940 calendar. Research experts sharpened the texture of the pictures; they enlarged the screen for home and for theatre. A new optical system has been developed. The camera "eye" has become more eagle-like.

For the first time, television participated in the national political campaign. Both President Roosevelt and Mr. Will-



20th CENTURY-FOX

Representative:
ABE LASTFOGEL
William Morris Agency

kie were televised. Election returns were illustrated on the air. Tele-viewers saw the teletype machine of the press associations tapping off the news. Television, like a long-distance telescope, took its spectators right up to the news room as the lettered keys typed the news word by word across the tele-screen. Commentators were seen in action at the microphones. About 3,000 video receivers were available in the New York area to "look-in," compared with 400 odd sets owned by wireless amateurs in the Pittsburgh district, when they cavesdropped on the first election broadcast from KDKA in 1920.

FM Experiments

The year 1940 has been marked by interesting experiments to determine the value of the frequency modulation system of transmission, popularly known as FM. More than 30 stations have been licensed in this ultra-hort wave field. The exploration of this method of broadcasting on tiny waves is characteristic of American research. The new year is likely to the demore light on the scientific and public service possibilities in this spectrum of "the ether."

The war and politics, coupled with the increased business of broadcasting, have set a fast pace for the stations in this country. For them it has been a record year. Radio has become the voice of cur-

rent history.

While the press in 1940 celebrated the 500th anniversary of the invention of printing by Gutenberg, broadcasting as a public service marks its 20th milestone. In the year, radio added new glory to its reputation as the winged messenger of news. With split-second precision it jumped in and out of places bombed and blockaded. Every major war play on the checkerboards of Europe and the Orient have been reported on the air. In making this service to the public possible. radio, the press associations and the press generally have cooperated. Electrical transcription has become an important part of broadcasting. Programs and speeches are etched on discs as never-to-be-denied testimony of a broadcast. Radio recording holds for posterity the imperishable records of history made in 1940. War News

Around the radios, countless people throughout the world have gathered to listen in for war news. At the same time, broadcasting has mobilized the American spirit and spread the gospel of national unity, not only among the States but among the Americas. Neighborly waves of music and words of good-will knit the republics of the western hemisphere. With Europe's microphones muzzled by censors and talking chiefly of death and destruction, American radio

holds faithfully to its function as a medium of entertainment and uncensored information.

It is noteworthy that in 1940 radio won the acclaim of the listening multitudes. From the public and the press came commendation for non-partisanship, freedom from censorship, for neutrality, equality in controversy, and for upholding the Bill of Rights. That only a few scattered protests were registered from an audience of millions, at a time when many minds differ, is evidence of the fairness, self-control and common sense by which the American system of broad-

casting operates.

Broadcasting, naturally, is in the public focus because it reaches directly into the home; it belongs to every member of the family. But, there is much that pulses behind the scene in communication ashore and afloat, along the airlines, in research, engineering and manufacturing. While the family tunes-in amid the comforts of home, radio is busy on wavelengths other than those allotted to broadcasting. Its beams are guiding aviators. Police headquarters are "calling all cars." Ships are sending messages every minute of the day and night; amateur experimenters are at work on their assigned channels. Engineers are designing while manufacturers are turning out new instruments and vacuum tubes to perform the magic.

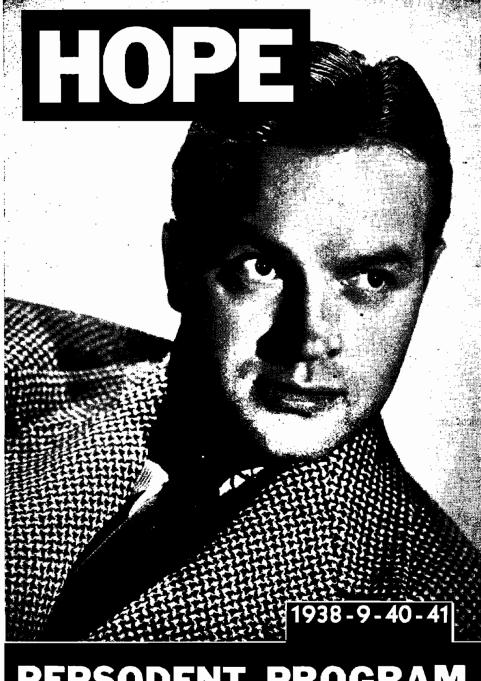
#### Conclusion

Behind the advance is science. Radio does not chart its future by the stars; it charts by research. If it were not for the Laboratories, the powerful wheel of radio would slow down and eventually stand still. Research is the driving force; it gives added space to progress as the calendar turns a new year.

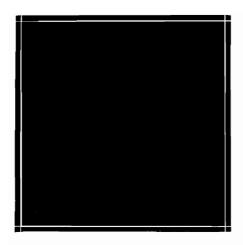
Today, as radio branches out, its rescarch bestows new benefits on mankind. It is no longer confined to communication. As an outstanding example of radio's contribution to humanity in 1940 is the electron microscope. Developed in the RCA Laboratories, this super-microscope, using electrons instead of rays of light, magnetic fields in place of glass lenses, sees organisms never before on view. For industrialist, bacteriologist, chemist and physicist, new worlds are open for exploration. The electron microscope is the "eye"; it is a monument to radio's era of sight.

Further, supplementing the eye, the RCA Laboratories created "Fantasound," three-dimensional sound for motion pictures. It hecame the "voice" of Disney's musical cartoon "Fantasia."

Radio's key of progress, which 1940 fashioned, is fitted to the lock of 1941.



# PEPSODENT PROGRAM PARAMOUNT PICTURES



RECOGNIZING radio as a major industry, and providing the broadcasting industry, for the first time, with its most complete evaluation of individual markets from one coast to the other, the initial figures compiled in the 1940 Census and listed in part in another section of RADIO ANNUAL are the results of the most involved research job ever attempted by the Census Bureau. These statistics, as completed, will provide every branch of the radio industry with a yardstick by which coverage claims, audience volume, advertising potentialities, and dollar volume can be determined on an authentic basis.

The data presented herein is based on the tabulations of three of the five major counts included in the 1940 Census: population, housing, and business, the three classifications that are of vital interest to broadcasters, advertisers and their agencies. Each of these three counts offer to broadcasters the most up-to-date figures possible, compiled at a cost that would be prohibitive to any one industry.

#### Census Facts

To the advertising agency and their clients the final 1940 Census offers, under its Housing count, a complete picture of the listeners of the nation, accomplished by determining the number of individual radio sets in every dwelling in the nation. Types of audiences are also available, for in the population count are classifications for color, age, occupational status, family groupings and several other divisions. The housing count offers

a report of the manner in which the people live; the class of dwelling; its construction; its age; market value; ownership; rentals; vacancies and other pertinent information.

The Business Census is yet another phase of the count which provides the industry with facts and figures that will prove invaluable as selling aids. Here is gathered together information regarding the amount of money spent by people for merchandise and services in 15 different classes of stores and methods and conditions under which the eventual sale was consumated. This data has been broken down into cities and counties of more than 2,500 population, in addition to the total state figures, and for cities of more than 25,000 population.

#### Application

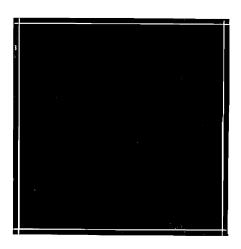
To each branch of the industry the 1940 Census brings new sales weapons, potent figures that prove the heretofore challenged claims issued by the broadcasters and claimed uproven by hostile factors outside the industry. Coverage figures have been ascertained by an unbiased survey that not only proves the amount of persons within a given area, but shows conclusively the number of radio sets contained within that self-same market.

To the advertisers come absolute facts regarding the purchasing power within any given market through the population and business counts. A more concrete picture of the markets that need development is available, and agencies can, from the Census figures, offer their clients a birds-eye view of any given market, its potentialities, and radio's undeniable coverage of that market, no matter where it happens to be located.

#### Research Basis

Complete returns from the Census of 1940 will not be available until late spring or early summer. However, when they are made available, they will serve as a basis of market research for the next ten years. Each station, network and advertising agency will find a starting point from which their own research organizations can determine individual problems that could not be included in the vast survey conducted by the government.





HEALTHY and vigorous experimentalism marked the further development of education by radio during 1940.

The networks branched out into several new, uncharted areas, and took a number of steps that promised to be of historic significance. All laid increasing emphasis on the general public service aspects of "educational" broadcasts, and both NBC and CBS continued and expanded the policy—pioneered by CBS in 1939 -of holding regional conferences of station public service chiefs to consult on matters of promotion programs and public relations.

#### Expansion

Paving the way toward the creation and announcement of the new Pan-American network of the Columbia Broadcasting System was the extension of the American School of the Air into all the nations of the Western Hemisphere rs the "School of the Air of the Americas." This action was noted by well-known educators and statesmen of many nations as an important step toward greater friendship and understanding among all the American republics.

Typical of the enthusiasm which greeted the expansion was the statement of Sccretary of State Cordell Hull: "I was pleased to learn that the American School of the Air, which has obtained such widespread recognition in our own country, is now to be extended to those other American republics whose ministers of education may indicate that they wish to participate in the preparation and utilization of these educational broadcasts. It would be difficult to devise a form of international cooperation which holds more promise for the deep-

ening and broadening of understanding between the peoples of the American republics and which may be of more general benefit to these countries."

The new project was announced by CBS in March, 1940, and was functioning fully with the start of the school year in October. The mechanics of translating the broadcasts into Spanish was performed free of charge by CBS, and CBS called upon Ministries of Education in the various countries to provide material for the broadcasts. from Canada and Latin America was splendid, and this year's "School of the has been invigorated and widened by the cultural material which they sent CBS. At the present time, the "School" is preparing its first international conference, to be held February 27-March 2 in New York and Atlantic City. It will be attended by foreign ministers and ministers of education, eminent cducators, and leading broadcasters and publishers of all the American nations, and is expected to chart out plans for the second year of the "Radio-Escuela de las Americas."

#### **NBC** Activity

While Columbia's emphasis has thus been to considerable extent on classroom listening, the National Broadcasting Company directs its program principally toward out-of-classroom education. As a matter of fact, both networks have expanded their news and special events departments steadily since Hitler's legions first invaded Poland. It is heartening to educators that news a cardinal type of educational broadcast has become one of the main staples of radio; surveys show news programs mounting rapidly in audience-popularity from month to month and news coverage has become mature and sharp during the year and a half of the war.

#### Adult Education

Both CBS and NBC enriched and widened their schedules of adult education programs—with a new, vigorous stress on lectures, round-table discussions, and general cultural series. A lively Lecture Stage of the Air came into being, as both CBS and NBC brought leading lecturers on a great variety of topics to their microphones. Series in the appreciation of visual arts (NBC) and of the great books of the world (Columbia's "Invitation to Learning") won many listeners, and illuminated some of the more obscure and difficult fields of radio education.



# EDWARD G. ROBINSON

Fourth Year

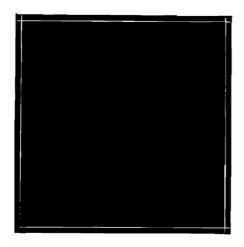
### "BIG TOWN" PROGRAM

**OVER CBS** 

LEVER BROTHERS CO. (Sponsor)

RUTHRAUFF & RYAN, INC.
(Advertising Agency)

MOTION PICTURES; WARNER BROS.



UNPRECEDENTED by any other news event in modern times, the outbreak of the European War presented a new challenge to the ingenuity and

efficiency of radio reporting.

How ably this challenge was met was best summed up by the comment of William S. Paley, President of the Columbia Broadcasting System, when he said: "America's position as the best-informed nation in the world has been achieved in large part by the work of its radio and press correspondents abroad."

Hindered by wartime consorship, by interruption of communications and great physical danger, they have managed to secure the facts and present them honestly and often brilliantly. As Alfred J. McCosker of the Mutual Broadcasting System, said in his message to the Overseas Press Club of America recently. "America's correspondents abroad are the eyes and ears of our people."

#### News Demand

The American appetite for facts has always been more than a nine-days wonder to our less rapacions brethren across the seas, and our capacity for devouring news has more than kept pace with the increased speed of transmission. We all want to know what will happen almost before it actually occurs. Impossible as that may be, it is only a little less miraculous than the velocity that radio war correspondents have achieved in less than two years of activity. This is an achievement of American organizing ingenuity.

What is even more important, is that in its emphasis on the accurate and the unbiased, the radio has played a role demanding exceptional courage. Unlike the press correspondent who could escape from the environmental pressure of his

dictatorial host and mail, wire, or even carry his material to its destination, the radio reporter has to rely completely on the transmission facilities afforded him by the country in which he works,

For that reason he must play the diplomatic game to the hilt, he must temporize and remain courageous—a man torn between the demands of his listening public and the reality of his existence as a guest of the Minister of Propaganda. He is the target of compulsion and pressure ranging from censorship and intimidation, to indoctrination and threat of expulsion.

Physical Risks

Added to these menaces are the physical risks of the total war being undergone by most of the radio correspondents. With not a little conspicuous gallantry, the men and women at the "mikes" in the war capitals are today restoring much of the resplendent glories of the war correspondent's profession.

In this war of ideologies, radio also has done more than its duty by democracy.

Never before in all history have so many people heard so fully and factually cyewitness reports of spot-news events as those broadcast in these past months.

One of the most memorable of these broadcasts in this war was the shot-by-shot description of the scuttling of the German pocket-battleship Graf Spee, a fine example of sound judgment, quick action, and clear thinking under difficult and hazardous circumstances.

#### Notables Speak

Radio has also served as a medium through which the heads of governments and leaders of military forces were heard in millions of American homes. Probably the most valuable contribution radio had made to American understanding of the war and its motivations, has been the series of speeches by foreign leaders—Hitler, Mussolini, Daladier, Chamberlain, from the time of the Munich crisis down to the stirring messages of Winston Churchill.

Hearing the actual voice and words of these history-makers at the precise moments when history was being made, has done more than any amount of printed matter to clarify the real aims of the belligerents in American minds.

But the real and lasting value of radio has been best demonstrated by direct broadcasts from correspondents, commentators and amateur reporters on the scenes of action from Bangkok to Bagdad. "These men and women," remarked David Sarnoff, head of the Radio Corporation of America, "-these American

# PROFESSOR QUIZ



Liggett & Myers Tobacco Co.

CBS

Columbia Artists, Inc.



# WILLIAM GERNANNT

521 Fifth Avenue New York Ambassadors of the spoken word, have gained the everlasting esteem and appreciation of American . . . listeners everywhere."

Through their unforgettable stories about the daily life of ordinary people under fire, of armies in life-and-death combat and of aerial bombardment, they have transferred the strange, foreign life of Balkan sheepherders and Arab camel drivers over the air-waves to the living rooms on Main Street, and made the essential humanity of the human beings apparent under the kalpak and the bournous.

#### Verboten Facts

More important, even, than the news that America hears, however, are the "verboten" facts that have been broadcast within conquered countries. The wandering station inside Nazi Germany has operated at intervals of seven years, always at the risk of the lives of those who know anything about it . . even those who are unfortunate enough to get caught listening.

Today, in France, in Belgium, in Holland, Italy and Spain, there are courageous and technically-equipped individuals sending out the truth as counter-

propaganda to the official statements of dictatorships.

There are a hundred tremendous dramas behind every one of these "freedom-stations," and the influence they have had, and can have, may very easily be one of the deciding factors in overthrowing oppression.

This is particularly true in more illiterate countries like the Balkans and Russia, where newspapers are scarce and hard to distribute and where only a relatively small percentage of the population can read.

#### Free Speech

A radio broadcast reaches twenty million people, where a newspaper edition may reach twenty thousand. The only restriction on news should be the requirement that it be truthful and factual.

When freedom is the privilege of both press and radio, they will, as Niles Trammel, of the National Broadcasting Company, has said, "continue to march side by side in the development of this new phase of journalism, unforeseen by the founders of the great American free press."

\* \* \* \* \* \*

#### Educational Broadcasting—Fisher—Continued

NBC and CBS took giant steps in the development of station liaison during 1940, with frequent conferences, both regional and national, and with an adaptation of local educational programs to the needs of their areas. One of the biggest impacts on radio education was the increased cooperation of independent educational groups with the broadcast-The National Education ing chains. Association, whose 983,000 members constitute the largest teachers' organization in the world, worked directly with CBS on four of the five "School of the "New Horizons," "Tales from Far and Near," and "This Living World," Some of the NEA's action on the series included demonstrations before state conventions, plans for extending teacher training in radio education at teachers' colleges, distribution of material to more than 100,000 schools, and solicitation of ideas and suggestions for programs.

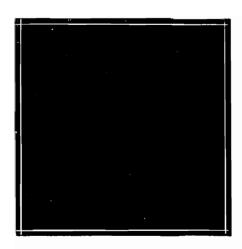
#### Cardinal Rules

NBC's education director, Mr. Walter Preston, has skillfully and tersely drawn the four cardinal features of that network's educational activity; planning, production, promotion, and check on results. Promotion and the check on results are both services performed by the networks to make certain that their educational programs strike America with every possible bit of force. Education on the air started as something which many expects figured would be hard to sell to America, but most recent polls show that indio education has permeated every part of America, every walk of American life.

Perhaps one of the clearest indications of the range and intensity of network educational broadcasting is revealed in the NBC and CBS program schedules—in effect during the current broadcasting season. Many of the programs of both networks represent innovations, experiments in new fields of broadcasting. While these are never wild attempts (they represent the serious planning of the CBS and NBC Boards of consultants and executives), they have lent an experimental atmosphere to much broadcasting and are certainly still in their test-periods.







MOTION pictures and stage plays were radio's main story sources for many years. And these channels still supply script material that is important and vital to good broadcasting. But as one who has had a great interest in radio both from the listener and performer standpoint. I'm delighted to find that radio has learned to make more adroit use of stage and screen material. No longer are radio sketches comprised of solid blocks of dialogue taken verbatim from plays or motion picture scripts. Instead the outside material is carefully rewritten into smooth scripts to fit the talents of the radio players and the programs they are presenting.

#### Methods

In our current radio series, known as the "Helen Hayes Theater," we enlist five methods to obtain material for programs. Our various scripts are adapted from stage plays or motion pictures, based on novels or magazine stories, derived from original ideas, based on history or historical characters and written especially

for the series.

I don't know exactly how to classify "Victoria and Albert," the initial program of our series. For script material we used sketches from the American and English stage versions of "Victoria Regina," excerpts from Laurence Houseman's books, "The Golden Sovereign" and "Victoria Regina," pages from Victoria's diary and some added original bits. Credit for this thorough job of script preparation goes to Adrian Samish, the producer of the series, Therese Lewis, script editor, and John Houseman, who did the excellent adaptation of a finely-balanced script.

One of the finest dramatic shows I've

ever heard on the air was Arch Obler's "None but the Lonely Heart." a radio original based on the love story of the great Russian composer. Peter Ilyitch Tschaikovsky, and Mme. Von Meck. Here actual history was used, real facts were high-lighted and rewritten to fit the precise requirements of broadcasting. This technique was used when we presented "Joan of Arc" on our theater over the Columbia Network. As in the case of Mr. Obler's play, the main character was taken from the pages of history, but it can be classified as a radio original.

#### Originals

The program known as "Silver Theater" has been an outstanding leader in the use of original stories of a light and romantic vein. At least half of the programs they present each season are originals, scripted to the style of the players, True Boardman and the late and great Grover Jones wrote an original radio drama for this series. And, later they accomplished the almost unheard of feat of selling this radio original to a motion picture study.

While mentioning original radio programs, one can hardly pass over the delightful "Addrich Family" series, which with the play by Clifford Goldsmith, has started a new screen series. And then there are those two lovable characters, "Amos and Andy," whose original radio work has long been a favorite in the MacArthur household. (Editor's Note: In private life Miss Hayes is the wife of Charles MacArthur, author.)

#### Good Writers

Jean Holloway, one of the youngest established writers in radio, does a masterful job of adapting Hollywood movies for the Kate Smith Hour, besides her original plays. And Cecil B. DeMille's Radio Theater has been outstanding in the field of straight drama. Writers on "The Screen Guild Theater" have done a deft job of bringing originals to the air.

Famous playwrights and novelists are turning their attention to radio. We've had the good fortune to sign Maxwell Anderson and Booth Tarkington to write one program apiece for our Lipton's series. It's not uncommon to hear an announcer terminate a radio program with:

"... and tonight's play was adapted from the motion picture of the same name." But I am certain that before long, part of the main title billing of a motion picture will read: "Based on the original radio broadcast of the same name."

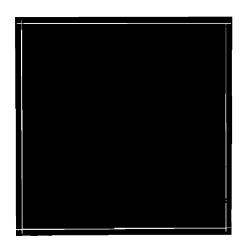




Old Gold Cigarettes

Columbia Records

Exclusive Management
MUSIC CORPORATION OF AMERICA



N 0, 1 Prodigy of the broadcasting industry for 1940 was undoubtedly frequency modulation. Coming from relative obscurity at the start of the year, the new method of broadcasting (now tersely dubbed "FM") passed through a succession of fast evolutionary stages to greet the New Year with the full blessing of the FCC and a nod to go ahead commercially as soon as new, high-power FM transmitters could be installed.

FM has a number of basic differences from standard broadcasting, (known as AM or "amplitude medulation" because of its electronic principles) that FM proponents believe will set it far enough apart to insure its rapid acceptance as a new realm of broadcasting enterprise.

#### Tonal Range

FM offers a tonal range at least twice as wide as AM with a consequent improvement of naturalness in reproduction. FM is virtually free from all interference noises, either atmospheric or man-made, and can thus offer transparently clear reception. FM stations operating upon the same channel in adjacent communities will not interfere with each other because an FM receiver picks up only the stronger of two signals at once with uncanny discrimination.

Frequency modulation, to review its past briefly, is a development of Major Edwin H. Armstrong, one of the world's

foremost radio experts. By late 1939, sufficient disciples had been won for the merits of FM to permit the formation of an organization that would co-ordinate and push the development of frequency modulation. Thus it was that on January 5. 1940, a non-profit group titled FM Broadcasters, Inc., took shape in New York. Its growth has paralleled that of FM. currently its board of directors comprises: John Shepard, 3rd of the Yankee Network, President; John V. L. Hogan of WQXR, Vice-President; Walter J. Damm, WTMJ, The Journal Co., Milwaukee; Franklin M. Doolittle, WDRC, Hartford, Conn.; C. M. Jansky, Jansky & Bailey, Washington; Ray H. Manson, Stromberg-Carlson, Rochester, N. Y.; Carl Meyers, WGN, Chicago, III.; Paul W. Morency, WTIC, Hartford, Conn.; Theodore C. Streibert, WOR, Newark, N. J.

#### FCC Hearing

Convinces that adequate interest in FM prevailed, the FCC agreed to a special hearing on the subject in March. The two weeks' session brought to the witness stand inventor Armstrong, officers of FM Broadcasters. Inc., representatives of leading engineering firms, stations and networks to unfold an overwhelming array of evidence that demonstrated the superiority of FM.

Meanwhile, equally impressive to the Commission, was a tally of over 150 applications filed from all parts of the country for experimental FM transmitters.

In May the FCC handed down its verdict. It was a rosy verdict and one that echoed completely the confidence voiced by FM boosters. A new high frequency broadcast band, from 42 to 50 megacycles and comprising 40 channels, was opened up, making necessary a shift of television band No. 1. Five channels were for non-commercial educational stations, the rest for commercial transmitters operating on a par with ordinary broadcast stations.

As of January 1, added the Commission, FM was free to proceed commer-



# FRED WARING

and bis

**PENNSYLVANIANS** 

Chesterfield Pleasure Time

Management John O'Connor 1697 Broadway New York City cially. All experimental applications were automatically dismissed. New application blanks for commercial applications made their appearance in June, along with complete regulations and engineering standards.

#### Growth

Throughout this period FM Broad-casters, Inc., as the co-ordinating group representing FM in Washington and educating the public to its advantages, through nation-wide publicity, continued to grow in both numbers and activities. It has worked for the revision of a number of FCC regulations, simplification of application blanks, made numerous important suggestions and conferred frequently with the FCC all in the interests of expediting the logical growth of FM.

It was on October 31 of 1940 that the first construction permits a full 15 of them—issued from Washington. More followed, until the end of December saw 25 large commercial transmitters authorized and in various stages of construction. Some 55 applications still awaited action, with many more in the process of preparation.

Set manufacturers lost no time in climbing aboard the FM band wagon. Some 16 were licensed under the Armstrong patents during 1940, while four other concerns, three licensees, manufactured FM transmitting equipment.

#### Licenses

Important factors worth knowing about FM are these:

(1) Commission regulations license three main types of station—Class "A" is for limited trade areas in towns of 25,000 or under; Class B covers basic trade areas and embraces every city in the nation, providing the area is not in excess of 15,000 square miles. None are. The third type, Class "C," is for widerural coverage from high mountain tops.

without any substantial basic trade areas that might be considered "B" terrain included therein.

- (2) All FM stations serving the same area must radiate an equal signal strength throughout that area. Stations are licensed according to area served not power. Equal competitive basis among stations is thus assured in any community, placing greater emphasis on caliber of programs.
- (3) The range of an FM station is dependent on three factors: (a) height of antenna above the surrounding country-side; (b) efficiency of antenna used; and (c) power output.
- (4) No more than six FM stations may be under common control. Growth of networks will undoubtedly by on a co-operative basis.

The end of 1940 saw surveys being conducted to determine the feasibility of establishing a national FM network late in 1941 to serve 40 major markets and 75 per cent of the national population.

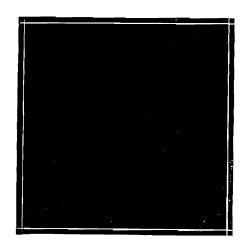
#### Future

The rapid rise of FM during these twelve months past indicates that many high-power commercial stations will start operation in 1941. Sales of FM receivers promise to climb sharply when regular service is instituted in more territorics. Almost all receivers are of the combination type, receiving either AM or FM at the turn of a switch.

FM also found uses in fields other than broadcasting during 1940. The Connecticut State Police changed over its entire system to FM with ten fixed stations and 275 two-way ears. Chicago put 200 FM patrol cars into service. Both Army and Navy were quick to adapt FM for their communication problems, particularly in mechanized units. Airlines, public utilities, park services, fire departments and many other groups are also watching the divelopment of FM closely.

For Factor Corruge of Frequency Modulation Please Face to Page 918

To Whom It May Concern: EDDIE DAVIS is my idea of the greatest comedy writer in the business. Mrs. Eddie Davis 62



THE advent of the World War II has produced serious disturbances in the international communications field, but great credit is due to radio for maintaining the continuity of circuits which otherwise would have disappeared completely. All of the normal cable circuits to the European continent have been interrunted, and the only cable communication with Europe at the present time is through Great Britain, and at times when the cable circuits to Great Britain were interrupted the point-to-point radio communication circuits have provided the only remaining telegraphic links. In the telephone field the only trans-Atlantic and trans-Pacific telephone circuits were those operated by the point-to-point radiotelephone stations and it is gratifying to know that these have remained in operation and have carried thousands of words of important diplomatic and Government, as well as business conversa-

Because of the critical international conditions the fifth meeting of the International Consulting Committee on Radio (CCIR) scheduled to meet in Stockholm. Sweden, during June 1910, was indefinitely postponed. Similarly word has been received from the Bureau of International Telecommunication Union, Bern, Switzerland, that the Italian Government as host nation for the International Radio Conference and International Telegraph and Telephone Conference to be

held in Rome during 1932 has found it necessary to postpone the schedule meeting indefinitely.

#### Santiago Conference

With respect to international radio matters in the Western Hemisphere, however, increased activity has been evident. During January of this year the second Inter-American Radio Conference convened in Santiago, Chile, at the invitation of the host government, in accordance with the terms of the Inter-American Radio Communications Convention signed at Hayana, Cuba, on December 13, 1937. The delegation of the United States to that conference consisted of the following: Ambassador R. Henry Norweb. Chairman, from the Department of State, accompanied by Rear Admiral S. C. Hooper, U. S. Navy, Captain Wesley T. Guest, U. S. Army, Messrs, E. K. Jett and Gerald C. Gross, Federal Communications Commission, Mr. Lloyd Simson, Civil Aeronautics Administration, and Mr. Joseph T. Keating, Department of State, Secretary. The conference adopted a number of resolutions on such subjects as the exchange of shortwave broadcast program schedules; reorganization of shortwave broadcasting service by the countries which have not already done so; an agreement that each of the American nations reaffirm the principle of freedom in radio communications as a public service; the reference of certain technical studies to the Inter-American Radio Office (OIR), Havana, Cuba, as central clearing house for the exchange of technical information. Also adopted were a number of resolutions for the improvement of the international aviation radio service, among them a resolution for interchange of meteorological information; a resolution providing additional frequencies for inter-continental routes above 6000 kc; resolutions providing for better operating arrangements for aviation radio stations, and better technical equipment for aircraft. in addition to a resolution concerning the suppression of interference caused by electrical apparatus.



Ralph Edwards Creator & Conductor

# "Truth or Consequences" IVORY SOAP PROCTER & GAMBLE









The conference ended in an atmosphere marked by a strong feeling of cordiality and good fellowship and the delegation of the United States was successful in further strengthening the general policy of the "Good Neighbor" which has been the keynote of American policy for several years.

# North American Regional Broadcasting Agreement

The North American Regional Broadcasting Agreement signed at Havana, Cuba, on December 13, 1937, and ratified by the United States of America on July 21, 1938, was consummated by the formal deposit of its ratification by the Mexican Government on March 29, 1940, with the Government of Cuba at Havana, in accordance with the terms of the Treaty. It specified that its provisions will go into effect one year from the date of ratification by the last of the four countries, Canada, Cuba. Mexico and the United States; consequently it will become effective on March 29, 1941, and extensive plans are now underway to solve some of the numerous interference problems now pending between broadcast stations in each of the four countries prior to its taking effect.

The reallocation involved, the terms of which have already been generally announced by the Federal Communications Commission, will bring about the most sweeping general reallocation in the Domestic broadcasting band since the historical reallocation of November 1928. The effective operation of the Treaty should result in the permanent elimination of many international interference problems throughout North America.

# Cooperation with the American Republics

The Federal Communications Commission has participated actively in the work of the Committee on Cooperation With the American Republics which has met in Washington under the Chairmanship of Under-Secretary of State, Sumner Welles.

The Commission has given a great deal of time and thought to the problem of improving the service of international broadcasting stations operating in the United States. Rules have been adopted requiring all stations in this field to operate with a minimum of 50 km power. Other rules require that these stations install directional antenna systems giving a power gain of at least 10 to one in the desired direction in order that the received field intensity at the receiving location will be increased. Other regula-

tions providing for the recording by the stations themselves of international shortwave broadcasting programs have resulted in a closer supervision and control by the licensee of the programs actually transmitted, with an expected improvement in the program service. Generally speaking it is believed that considerable improvement in the service furnished by international broadcast stations has resulted.

(Editor's Note: Mr. Gross in his review of international affairs mentioned the reallocation of frequencies in the standard broadcast band as a result of the yoing into effect of the North American Regional Broadcasting Agreement on March 29, 1941. Changes necessitated by the Harana agreement will affect 777 of the 862 radio stations operating in the standard broadcast band in the United States. In shifting the United States frequencies the Commission planned a minimum alternation in broadcast service. In general the domestic shift is accomplished as follows:

Stations operating on channels of from 550 to 720 kilocycles retain their same assignments.

Stations operating between 740 and 780 kilocycles move up 10 kilocycles (the engineering equivalent to one channel).

Stations using from 790 to 870 kiloeyeles move up 20 kilocycles (two channels).

Stations between 880 and 1450 kilocycles advance generally 30 kilocycles (three channels).

Clear channel stations shift from 1460-1490 kilocycles to 1500-1530 kilocycles.

Local stations on 1500 kilocycles move down one channel to 1490 kilocycles.

The correlated shift of the frequencies of some 100 broadcast stations in Canada and of numerous stations in Mexico and Cuba serves to climinate in considerable measure the long-complained of inter-terence from these sources and thereby improve broadcast reception on the North American continent generally. ference from Mexican and Cuban stations, especially the "obnoxious" broadcast stations, has been particularly objectionable to the rural listeners. The chief concern of the U.S. broudcaster as a result of the shifting of frequencies is the change of the quart: crystals which control his station's operating frequency. Under the reassignments, the United States retains six local channels; its number of regional channels has been reduced from 42 to 41; and its number of clear channels has inereased from 44 to 59 and it can use 15 additional clear channels under certain restrictions set out in the treaty.)

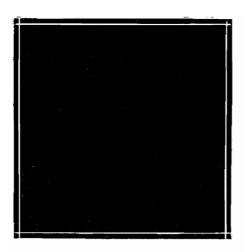


# BEN BERNIE

The Ol' Maestro
AND ALL THE LADS



Heard over NBC Blue Network Each Tuesday at 8 P. M. EST. for Good Old Bromo-Seltzer . . . Yowsah!



RADIO was well in advance of much of the general prosperity which highlighted 1940. Broadcasting continued its upward climb with record gains made in advertising expenditures, while set sales also mounted-a double omen that radio business is good business. Radio gained approximately 15 per cent over 1939, compared with a gain of about four per cent made by combined media. Set dealers sold an estimated 11,800,000 sets, compared with 9,000,000 sold in 1939. Increasing attention was paid to FM and television and "pioneer" set sales of both types were made during 1940.

Gross revenue for NBC. CBS, and MBS was \$96,455,603, compared with \$83,113,801 in 1939. NBC's combined Red and Blue figures totalled \$50,663,000, a 12 per cent gain over the 1939 total of \$45,244,354. CBS's gross was \$41,025,549, a gain of 18.8 per cent over the \$34,539,665 chalked up in 1939. Mutual grossed \$4,767,054, a 34.3 per cent gain over the 1939 gross of \$3,329,782.

#### Sponsors

The year of 1940 was one of unrest among many advertisers in their relations with agencies. Among the major shifts during the year were: Ford to McCann-Erickson and Maxon; Colgate-Palmolive-Peet to the newly-formed Ted Bates, and to Ward Wheelock and Sherman & Marquette; Continental Baking to Ted Bates, and Old Gold to J. Walter Thompson.

Regular radio advertisers creased their appropriations in many cases, as indicated by the following Blackett - Sample - Hummert statistics, while new sponsors found radio a practical sales tool. Defense activity was reflected in various campaigns and, in this connection, interest was focused on Latin America. Radio loomed as a major means of building good will and selling products in this market and sponsored short wave programs became an accepted media during Advertisers indicated approval of the NAB Code through acceptance of its provisions.

#### Agencies

Blackett-Sample-Hummert again led the agency parade with combined network billings of \$12,108-788, compared with \$10,714,498 in 1939. Benton & Bowles hopped up from fourth to second position with \$7,678,574, while Young & Rubicam slid from second to third place with \$6,497,166.

#### Music and Labor

Radio, tired of playing the softhearted uncle, said "No!" to Ascap, developed BMI and went into the new year with a tax-free source of music — to the amazement of related industries and to some broadcasters themselves. James C. Petrillo became president of the AFM but despite fears, relations continued without major strikes. Networks and AFRA reached agreements covering both commercial and sustaining programs, insuring peace until November 1, 1943.



# Thanks — AND MANY MORE THANKS

to

### CAMEL CIGARETTES

and

## WILLIAM ESTY CO.

FOR OUR HAPPY ASSOCIATION

On Our CBS Program—Friday Nights

from

# **AL PEARCE**

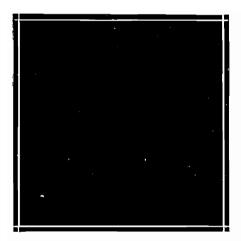
# We Say So Too!

THE WRITERS—Don Prindle, Arthur Hargrove Kribs, Roswell Rogers, Carl Herzinger

THE PRODUCER—Bob Cannom

THE CAST—Artie Auerbach, Arthur Q. Bryan, Dick Lane, Wendell Niles, Mel Blanc, Margaret Brayton

THE MUSIC-MAKERS—Carl Hoff and His Orchestra



THE international short wave broad-casting activities of the National Broadcasting Company started twelve years ago, and by 1937 NBC was broadcasting on a 16 hour a day schedule using six foreign languages. Today the NBC International Division is on the air for eighteen hours a day, with South America receiving six hours of Spanish, two hours of Portuguese and one hour of English programs daily.

To serve additional markets and listeners throughout the Southern Hemisphere carly in 1941 NBC's international stations WRCA and WNBI will start operating with an increased power of 50,000 watts.

The rapid development of short wave broadcasting in the past five years makes it difficult to say just when short wave began to attract serious attention. The birth of short wave broadcasting in its own right took place over the entire world during 1936 and 1937. It was during this period that the newly awakened interest in Latin America, so characteristic of the United States today, began to make itself felt. With this new interest came the more highly specialized interest in radio broadcasts to Latin America.

#### Programs

On December 1, 1939 the National Broadcasting Company inaugurated a service of commercial short wave programs. While various stations throughout the country have carried a number of network commercials over short wave, with announcements "dubbed in" in Spanish or Portuguese, the construction of special programs for commercial short wave presentation is completely new and marks an important step in the commer-

cial recognition of the importance of short wave broadcasting as a whole.

Since the United Fruit Company inaugurated the first commercial programs over short wave a year ago, many other American corporations have taken advantage of NBC's international service to further sales in Latin America. Eleven corporations have so far used these facilities commercially with many others preparing to do so shortly.

#### Supplementary Promotion

It should be pointed out that short wave broadcasting is offered to U. S. advertisers as a supplementary promotion medium to augment rather than to supplant other forms of advertising and sales promotion in Latin America. As such, it is being welcomed by Latin American distributors and representatives of leading U. S. firms.

From the point of view of the broadcasting station commercial short wave makes it possible to present programs which would otherwise be beyond any reasonable limit of expenditure for a sustaining show. Up to the advent of commercial short wave programs all short wave stations were a dead loss to their owners. Guest talent has been available within limits, but the proper construction of a successful program has been impeded by a lack of funds.

#### **Cultural Relations**

Without a doubt, the most important activity of short wave radio as directed to Latin America is the promotion of cultural relations. The European powers began with programs of that type. Only the war has temporarily halted the cultural activity in favor of the political.

The trend toward cultural development in radio in Latin America is always more evident. Our real problem in short wave broadcasting from this country is to supply our listeners in Latin America with appropriate programs designed especially for listeners to the south of us, and aided by the most up-to-date technical equipment. Commercial broadcasting will help, unquestionably, by supplying programs which would otherwise be too expensive for sustaining shows.

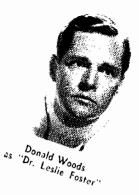
plying programs which would otherwise be too expensive for sustaining shows. With true vision of what is wanted, the presentation of short wave broadcasts to Latin America becomes merely a matter of ironing out of minor details. Then short wave broadcasting can readily help in the development of closer political, economic and cultural ties between the United States and the rest of the Western Hemisphere.

•



### 3rd Year

#### "THOSE WE LOVE"



Sponsored by PROCTER & GAMBLE "TEEL" Dentifrice



as "Aunt Emily"





Gordon T. Hughes



Richard Cromwell as "Kit Marshall"



Helen Wood as "Elaine Dascom"

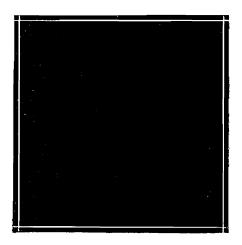
Lew Crosby



Gene O'Donnell as "Steve Blackman"

... and Oscar O'Shea (John Marshall), Virginia Sale (Martha Newbury), Mary Gordon (Mrs. Emmett), Ann Todd (Amy Foster) and Lee Millar (Rags).

Announcer



STALEMATED by the need for television standards, the audio-visual type of transmission is today on the verge of turning the corner and emerging as a full-fledged member of the communications industry. Despite several major set-backs in 1940, the telecasters have now settled down to the serious business of building up the television industry that gave so much promise a few short years ago of becoming one of the most potent advertising and entertainment media in the world.

#### Tele Report

Shortly after the turn of the present year, the National Television Systems Committee, after several months of close scrutiny, set forth a 22-standard recommendation to the FCC, which, if accepted, will provide the basis for a nationally coordinated television broadcasting service. The standards as submitted will make possible the creation, in the public interest, of the service and will insure continued development of the art.

It is through the acceptance of these 22 standards that the major tele problem—the business of operating on a commercial basis—can be solved. For the standards call for a regular frequency for the telecasters, new frequencies to replace those turned over to the FM broadcasters last year, and they also solve the complex problems of standard-

ization of transmitting and receiving equipment, which has for so many years been a matter of conjecture among the factors within the industry.

#### Color

Perhaps the most notable development in the industry during the chaotic 1940 was the development of color television by the CBS laboratories under the direction of Dr. Peter Goldmark. Of this development the NTSC reported that further experimentation in that field, due to its eventual importance in the industry, was urged, and that special frequencies were to be assigned as soon as color was accepted in the Class A channels.

Several other firms delved into the possibilities of color transmissions after the revelation by CBS that successful transmissions had been accomplished. DuMont announced plans to study the various processes as did RCA, while Everett Sumner Crosby, young engineer, revealed the discovery of yet another manner in which to achieve color tele in regular transmissions, which had been accepted in theory by leading tele engineers.

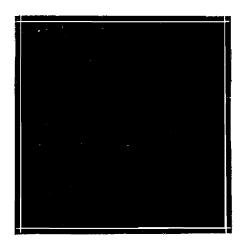
#### Programming

Television programs, after operating via NBC on a steady schedule during the first half of 1940, were relegated to a minor position by the industry after the order to shift frequencies last fell. Majority of the telecasters utilized test patterns in the main, but NBC, after a few months of complete inactivity, turned to its mobile unit to supply the greater portion of its programs, broadcasting from hockey games, football games, and the Republican Convention in Philadelphia.

#### Conclusion

1941 is expected to see the real birth of television as a major media in the United States, with activity moving to Washington, where NBC has established tele headquarters and expects to set up a small network, and the adoption of the standards by the FCC so that this industry can, for the first time, assume its rightful place in radio.





WITH FM holding the radio spotlight these days, facsimile, the big technical story of only a few years ago, has been passed, by FM development... temporarily.

The reason for this is not only the sudden spurt of Frequency Modulation system of broadcasting, but also the fact the facsimile development reached a kind of "plateau." Psychologists, in their study of the learning process have discovered that the average person who is studying something, keeps learning on an ascending line; but at a certain point, a kind of slow down point is reached, and the line tends to level out; this is the "plateau" of learning.

The case history of any scientific development often follows a somewhat similar line of progress. For growth is never measured and studied. There are spurts. lags, then suddenly again, new and great advances.

#### Research

This is not to say, that the research and experiments in facsimile broadcasting being conducted today are not without results. Progress is being made. We are learning; we are perfecting this marvelous printed intelligence-through-theair medium, ironing out the kinks, catching the "bugs," simplifying facsimile to make it more readily available for home

The most urgent need of facsimile today—if it is to make further advances is standardization. The system of transmission must be standardized. Receivers must be standardiz€d.

Before facsimile can come into general home use, receiving sets must be made "foolproof." They must be as simple to operate and maintain as the ordinary radio receiver. Not that the present fac-

simile receivers are so tremendously complex in their mechanism; they, however, are more complicated than the regular radio set. What's more, they have several moving parts. This usually means that the owner of a facsimile set, unless he is something of a mechanic, cannot adjust his set readily, when something goes wrong.

But I am confident that these are problems which will soon be overcome. Remember the radio sets of fifteen, sixteen, and seventeen years ago? They weren't simplified at all; they were amazingly complex, with many parts, and with sometimes dozens of dials and buttons. Some of those old radio receivers looked like something out of a Rube Goldberg invention cartoon, or a Buck Rogers cemic strin.

#### Many Uses

As for the uses of facsimile, they are obvious and have been discussed many times. Facsimile, once it reaches the average citizen, will have many uses. It will supplement the present system of radio; it will supplement our daily news service. Farmers, for instance . . . to give one of the many public service possibilities of facsimile . . . will be able to receive weather charts on facsimile and the latest printed farm product prices. Universities and colleges will be able to make radio a more potent means of mass education than ever before, because facsimile will make it possible for them to supplement their voice-broadcasting, with simultaneous transmission of supplementary study material, such as social science studies, reading lists, maps, and other illustrative material.

#### **Future**

Moreover, facsimile should prove to be an invaluable aid to businessmen in the conduct of their work. Then, too, as has been demonstrated, facsimile can be utilized effectively as one of the modern communications weapons of the army, navy and air force. In fact, it may be that, because of the present world situation, facsimile will receive its major stimulus today from its uses by the armed forces, and it will develop fastest along these lines, before it is taken over by the general public.

It may be that during the coming year, facsimile will still be in the "plateau" of progress stage. It may be that some new development will suddenly accelerate its growth. At any rate, facsimile is

here to stay!





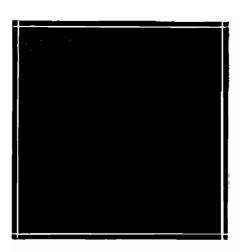
No matter what you need for Better Broadcasting, you can rely on

#### Western Electric

Ask your engineer

DISTRIBUTORS: In U.S. 4.: Graybar Fleetine Co., Graybar Bidga New York, N.A. in Cannain and Newfoundhind: Northern Electric Co., 140. In other countries: International Standard Electric Corp.





IN THE Columbia engineering laboratories last summer, we first broadcast television in full color. Up until then, color had seemed to be a rather remote possibility; but we now believe that it is ready to be developed into a commercial form for the living-rooms of America. Fortunately, the commercial problem in color television seems to be no more pressing than that in black and white television; for the CBS color system is not inherently expensive.

At first the subjects of our tests were only slides; then actual motion pictures; and finally, toward the end of the year, we completed equipment for picking up actual objects and fiving people.

#### Advantages

The advantages of color television app. ar when one sees an object in blackand-white and then in full color. In our demonstrations -to the FCC, to the press, to engineers-we showed simultaneously. a picture on an ordinary black and white receiving set and on the color receiving set. Black and white television was less distinct simply because in it every color comes out grey, and the distinction between two shades of grey is not nearly as sharp, say, as the distinction between a red and a blue which might register as the same shade of grey in a black-andwhite picture. In this general greyness, even a sharp-sighted spectator may not be able to define small objects clearly as most objects tend to lie in a flat, two-dimensional plane. Color television, on the other hand, outlines objects as they are outlined in real life by color contrast. It also adds to the picture a distinct sense of depth and contour.

#### Methods

The methods by which CBS creates color television may, at first sight, seem technical and complicated. And yet, it turns out a matter of plain commonsense.

We decided to send red, blue, and green over the air one by one—but so fast that the human eye would combine the three pictures into one full-color picture. Actually, we had a succession of three pictures, each in a different color, following each other so swiftly that the eyes blended them into a single color picture.

Between the object and the pickup, tube there is a rotating disc which contains red, green, and blue filters. When the red filter is in front of the tube, only the red components of the picture pass through, and therefore, everything containing red in the picture is transmitted; then swiftly to the green, and to the blue filter.

#### Filters

The filters in the transmitting equipment are matched by filters in the receiving equipment, which "pick up" the colors and flash them on the television screen. The three filters are balanced to give the effect of pure white when the picture is white, and of course the picture comes out black-and-white when no filter is used.

#### Scanning

Color television has almost doubled the speed of scanning. Instead of scanning the picture every 1/30 of a second (the standard rate for black-and-white television) pictures are scanned every 1/60 of a second. However at the end of the first sixtieth of a second, only two colors have been transmitted; and the third color requires an additional 1/120 of a second. The speed of a single picture in color is thus 1/10 of a second. The rate is so quick that the eye sees normal, and very much alive pictures in real, true color.

#### Acceptance

We have been gratified by the enthusiasm of press and the television industry alike for our color television. There are still problems to be solved, but we think that the most difficult of all have been hurdled and that color television is on the way to becoming a practical, household medium.

## GENERAL AMUSEMENT CORPORATION



THOMAS G. ROCKWELL, President

Producers, Creators and Managers

of

Outstanding Radio Ideas, Talent and
Orchestras For Over Ten Years

NEW YORK • CHICAGO • HOLLYWOOD

#### \_GROWTH OF RADIO STATIONS IN THE U.S. FROM 1938—1940

(As of December 1, 1940)

As of:	Licensed Stations	Construction Permits	Special Broad- cast Stations	Total
January 1938	. 685	32	4	721
February 1938	6887	31÷	4	723
March 1938	689	34	4	727
April 1938	693+	35÷	4	732
May 1938	693÷	40*	4	737
June 1938	696†	41*	4	741
July 1938	. 697†	46*	4	747.x
August 1938	700÷	46*	4	750
September 1938	705÷	45*	4	754
October 1938	7111	44*	4	759
November 1938	. 711	46†	4	761
December 1938	718*	4l÷	4	763
January 1939	718*	42	4	764
February 1939	. 723*	39*	4	766
March 1939	. 725*	37*	4	766
April 1939	. 728*	37*	4	769
May 1939	730*	38*	4	772
June 1939	. 731*	38*	4	773
July 1939	. 731*	43*	4	778
August 1939	. 734*	56*	4	794
September 1939	. 735*	59*	4	798
October 1939	739*	57z	4	800
November 1939	. 747*	58z	4	809
December 1939	751	57z	4	812
January 1940	761	49z	4	814
February 1940	765	48z	4	817
March 1940	767	5lz	4	822
April 1940	771	48z	4	823
May 1940	775	47z	4	826
June 1940	779	53z	4	836
July 1940	. 787	56z	у	851
August 1940	. 795	58z	y	864
September 1940	. 802	57z	y	867
October 1940	. 806	54z	У	868
November 1940	. 812	52z	<u>y</u>	872
December 1940	. 820	51 z	у	881

<sup>\*</sup>Including one stay order.

zIncluding one construction permit for a special broadcast station.

Since July 1, 1940 special broadcast stations have not been licensed by the FCC and are included in with standard broadcast stations.

<sup>†</sup>Including two stay orders.

<sup>#</sup>Including three stay orders.

<sup>§</sup>Including four stay orders.

xAnnual report shows 748, additional station being in Court of Appeals.

## MANAGERS of DISTINGUISHED ARTISTS

RADIO
STAGE
SCREEN
TELEVISION

#### A. & S. LYONS, Inc.

515 Madison Ave., New York

Hollywood

London

Cal. Bank Bldg.

Connies, Ltd.

#### RADIO DAILY

Fourth Annual Poll of the Radio Editors and Critics for 1940-1941

(Released December 23, 1940)

Programs	
JELL-O PROGRAM	
Pepsodent (Bob Hope)	459
Information Please	
Texaco Star Theater (Fred Allen).	
Kraft Music Hall	300
Chase & Sanborn Hour (Edgar Bergen)	
Fibber McGee and Molly	272
Ford Sunday Evening Hou:	272
Lux Radio Theater	
Kay Kyser's College	
ndi nistra Conege	100
————— Entertainers ————	
IACK BENNY	804
Bob Hope	
Fred Allen	
Bing Crosby	473
Edgar Bergen	420
Fibber McGee and Molly	264
Kay Kyser	203
Kate Smith	
Fanny Brice	
Alec Templeton	112
Dramatic Shows	
LUX RADIO THEATER	606
Helen Hayes Theater	
Big Town	
Silver Theater	
For a marrier of the section	225
Everyman's Theater	198
Gulf Screen Guild Show	
	171
Gulf Screen Guild Show First Nighter	
Gulf Screen Guild Show First Nighter One Man's Family	150
Gulf Screen Guild Show First Nighter One Man's Family The Aldrich Family	150 115
Gulf Screen Guild Show First Nighter One Man's Family	150
Gulf Screen Guild Show First Nighter One Man's Family The Aldrich Family Columbia Workshop	150 115
Gulf Screen Guild Show First Nighter One Man's Family The Aldrich Family Columbia Workshop  Educational Series	150 115 94
Gulf Screen Guild Show First Nighter One Man's Family The Aldrich Family Columbia Workshop  Educational Series  AMERICAN SCHOOL OF THE AIR	150 115 94 440
Gulf Screen Guild Show First Nighter One Man's Family The Aldrich Family Columbia Workshop  Educational Series  AMERICAN SCHOOL OF THE AIR Chicago Round Table	150 115 94 440 394
Gulf Screen Guild Show First Nighter One Man's Family The Aldrich Family Columbia Workshop  Educational Series  AMERICAN SCHOOL OF THE AIR Chicago Round Table	150 115 94 440 394
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Gulf Screen Guild Show First Nighter One Man's Family The Aldrich Family Columbia Workshop  Educational Series  AMERICAN SCHOOL OF THE AIR Chicago Round Table American Town Meeting of the Air NBC Music Appreciation Hour Information Please Cavalcade of America	150 115 94 440 394 255 161 152 118
Gulf Screen Guild Show First Nighter One Man's Family The Aldrich Family Columbia Workshop  Educational Series  AMERICAN SCHOOL OF THE AIR Chicago Round Table American Town Meeting of the Air NBC Music Appreciation Hour Information Please Cavalcade of America Invitation to Learning	150 115 94 440 394 255 161 152 118 85
Gulf Screen Guild Show First Nighter One Man's Family The Aldrich Family Columbia Workshop  Educational Series  AMERICAN SCHOOL OF THE AIR Chicago Round Table American Town Meeting of the Air NBC Music Appreciation Hour Information Please Cavalcade of America	150 115 94 440 394 255 161 152 118
Gulf Screen Guild Show First Nighter One Man's Family The Aldrich Family Columbia Workshop  Educational Series  AMERICAN SCHOOL OF THE AIR Chicago Round Table American Town Meeting of the Air NBC Music Appreciation Hour Information Please Cavalcade of America Invitation to Learning	150 115 94 440 394 255 161 152 118 85
Gulf Screen Guild Show First Nighter One Man's Family The Aldrich Family Columbia Workshop  Educational Series  AMERICAN SCHOOL OF THE AIR Chicago Round Table American Town Meeting of the Air NBC Music Appreciation Hour Information Please Cavalcade of America Invitation to Learning American Forum of the Air	150 115 94 440 394 255 161 152 118 85 81



"and to all a good year!"

#### WILLIAM MORRIS AGENCY, Inc.

New York

London

Chicago

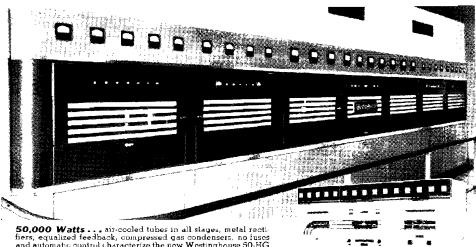
Hollywood

## RESULTS OF RADIO DAILY 1940 CRITICS POLL

Dance Bands (Sweet)		Dance Bands	
		(Swing)	
GUY LOMBARDO		GLENN MILLER	
Wayne King		Tommy Dorsey	
Kay Kyser		Artie Shaw	
Fred Waring		Benny Goodman	
Tommy Dorsey		Bob Crosby	
Glenn Miller	176	Jimmy Dorsey	1 <b>5</b> 3
Horace Heidt	150	Kay Kyser	1 <b>5</b> 3
Sammy Kaye	143	Duke Ellington	108
Ray Noble	121	Gene Krupa	103
Hal Kemp	96	Raymond Scott	70
Comedians		Quiz Shows	
JACK BENNY	902	INFORMATION PLEASE	859
Bob Hope	809	Take It or Leave It	387
Fred Allen	678	Dr. I. Q	318
Fibber McGee	378	Kay Kyser	307
Edgar Bergen	356	Quiz Kids	287
Eddie Cantor	181	Professor Quiz	237
Fanny Brice	123	Double or Nothing	172
Rochester	85	Truth or Consequence	160
Bob Burns	69	Ask-It-Basket	119
Burns & Allen	67	Battle of Sexes	91
News Commentators		Sports Commentators	
H. V. KALTENBORN	686	TED HUSING	801
Lowell Thomas	483	Bill Stern	796
Raymond Gram Swing	447	Red Barber	270
Elmer Davis	431	Bob Elson	163
		DOD LISON	
Paul Sullivan		Clem McCarthy	
Paul Sullivan	266		121
	266 177	Clem McCarthy	121 112
Boake Carter	266 177 170	Clem McCarthy Mel Allen	121 112
Boake Carter	266 177 170 155	Clem McCarthy Mel Allen Graham McNamee	121 112 104
Boake Carter John B. Kennedy Wythe Williams	266 177 170 155 152	Clem McCarthy Mel Allen Graham McNamee Fort Pearson	121 112 104 97
Boake Carter John B. Kennedy Wythe Williams Walter Winchell	266 177 170 155 152	Clem McCarthy  Mel Allen  Graham McNamee  Fort Pearson  Sam Taub	121 112 104 97 75
Boake Carter John B. Kennedy Wythe Williams Walter Winchell Fulton Lewis, Jr.	266 177 170 155 152 142	Clem McCarthy Mel Allen Graham McNamee Fort Pearson Sam Taub Grantland Rice  Children's Programs	121 112 104 97 75 69
Boake Carter John B. Kennedy Wythe Williams Walter Winchell Fulton Lewis, Jr.  Dramatic Serials	266 177 170 155 152 142	Clem McCarthy Mel Allen Graham McNamee Fort Pearson Sam Taub Grantland Rice  Children's Programs IREENE WICKER (SINGING LADY).	121 112 104 97 75 69
Boake Carter John B. Kennedy Wythe Williams Walter Winchell Fulton Lewis, Jr.  Dramatic Serials ONE MAN'S FAMILY	266 177 170 155 152 142 385 247	Clem McCarthy Mel Allen Graham McNamee Fort Pearson Sam Taub Grantland Rice  Children's Programs IREENE WICKER (SINGING LADY).	121 112 104 97 75 69 327 239
Boake Carter John B. Kennedy Wythe Williams Walter Winchell Fulton Lewis, Jr.  Dramatic Serials ONE MAN'S FAMILY The Aldrich Family	266 177 170 155 152 142 385 247 187	Clem McCarthy Mel Allen Graham McNamee Fort Pearson Sam Taub Grantland Rice  Children's Programs IREENE WICKER (SINGING LADY) The Lone Ranger	121 112 104 97 75 69 327 239 238
Boake Carter John B. Kennedy Wythe Williams Walter Winchell Fulton Lewis, Jr.  Dramatic Serials ONE MAN'S FAMILY The Aldrich Family Vic & Sade	266 177 170 155 152 142 385 247 187 122	Clem McCarthy Mel Allen Graham McNamee Fort Pearson Sam Taub Grantland Rice  Children's Programs IREENE WICKER (SINGING LADY) The Lone Ranger Let's Pretend	121 112 104 97 75 69 327 239 238 126
Boake Carter John B. Kennedy Wythe Williams Walter Winchell Fulton Lewis, Jr.  Dramatic Serials ONE MAN'S FAMILY The Aldrich Family Vic & Sade Those We Love	266 177 170 155 152 142 385 247 187 122 97	Clem McCarthy Mel Allen Graham McNamee Fort Pearson Sam Taub Grantland Rice  Children's Programs IREENE WICKER (SINGING LADY) The Lone Ranger Let's Pretend Tom Mix	121 112 104 97 75 69 327 239 238 126 120
Boake Carter John B. Kennedy Wythe Williams Walter Winchell Fulton Lewis, Jr.  Dramatic Serials ONE MAN'S FAMILY The Aldrich Family Vic & Sade Those We Love The Goldbergs	266 177 170 155 152 142 385 247 187 122 97 96	Clem McCarthy Mel Allen Graham McNamee Fort Pearson Sam Taub Grantland Rice  Children's Programs IREENE WICKER (SINGING LADY) The Lone Ranger Let's Pretend Tom Mix March of Games	121 112 104 97 75 69 327 238 126 120 118
Boake Carter John B. Kennedy Wythe Williams Walter Winchell Fulton Lewis, Jr.  Dramatic Serials ONE MAN'S FAMILY The Aldrich Family Vic & Sade Those We Love The Goldbergs Pepper Young's Family	266 177 170 155 152 142 385 247 187 122 97 96 79	Clem McCarthy Mel Allen Graham McNamee Fort Pearson Sam Taub Grantland Rice  Children's Programs IREENE WICKER (SINGING LADY) The Lone Ranger Let's Pretend Tom Mix March of Games Jack Armstrong	121 112 104 97 75 69 327 238 126 120 118
Boake Carter John B. Kennedy Wythe Williams Walter Winchell Fulton Lewis, Jr.  Dramatic Serials ONE MAN'S FAMILY The Aldrich Family Vic & Sade Those We Love The Goldbergs Pepper Young's Family Mary Marlin	266 177 170 155 152 142 385 247 187 122 97 96 79	Clem McCarthy Mel Allen Graham McNamee Fort Pearson Sam Taub Grantland Rice  Children's Programs IREENE WICKER (SINGING LADY) The Lone Ranger Let's Pretend Tom Mix March of Games Jack Armstrong Quiz Kids	121 112 104 97 75 69 327 238 126 120 118
Boake Carter John B. Kennedy Wythe Williams Walter Winchell Fulton Lewis, Jr.  Dramatic Serials ONE MAN'S FAMILY The Aldrich Family Vic & Sade Those We Love The Goldbergs Pepper Young's Family Mary Marlin Second Husband	266 177 170 155 152 142 385 247 187 122 97 96 79 67 61	Clem McCarthy Mel Allen Graham McNamee Fort Pearson Sam Taub Grantland Rice  Children's Programs IREENE WICKER (SINGING LADY) The Lone Ranger Let's Pretend Tom Mix March of Games Jack Armstrong Quiz Kids Uncle Don	121 112 104 97 75 69 327 238 126 120 118 107 73



FOR COMMERCIAL BROADCASTING



**50,000 Watts...** air-cooled tubes in all slages, metal rectifiers, equalized feedback, compressed gas condensers, no fuses and automatic countrol characterize the new Westinghouse 50-HG Transmitter for KDKA, WBZ, WPTF, WBAL and WKBW.

ACK in the days when a crystal detector and a headset marked the rabid radio fan, the first regularly scheduled broadcasts came over the air from Westinghouse station KDKA. Leadership then built the foundation for leadership today.

In operating experience that early nucleus expanded to include WBZ, WBZA, KYW, WPIT, WBOS, WOWO, and WGL.

In manufacturing experience it spread over the entire field of equipment for commercial broadcasting to include that last word in modern radio transmission—the new Westinghouse 50-HG transmitter.

First-hand experience and familiarity with commercial station requirements guide every step in the design and manufacture of this equipment. Westinghouse knows the problems of the commercial station operator because Westinghouse IS a commercial station operator.

If you anticipate replacement or expansion of your present broadcast equipment, talk to a Westinghouse man.

5,000 and 10,000 Watts ... the new 5-HV and 10-HV transmitters have air-cooled tubes, metal rectifiers, inductive neutralization of power amplifier, equalized feedback and compressed gas condensers.

#### WESTINGHOUSE STATION NO. 1 WAS KOKA IN PITTSBURGH

Its broadcast of the Harding-Cox election returns established a mifestone in radio history. Since that date Westinghouse has been engaged continuously in broadcast operation-and this commercial operating experience is reflected in all the equipment which Westinghouse makes for radio stations, including equipment for antenna phasing, antenna tuning, antenna lighting, main power entrance, power transfer, generation, distribution, station lighting, power control, and operating consoles.

7-08033

#### **EQUIPMENT BROADCAST**



Symphonic Conductor	Symphonic Programs
ARTURO TOSCANINI	N. Y. PHILHARMONIC-SYMPHONY 750
Leopold Stokowski 507	NBC Symphony 554
John Barbirolli	Ford Sunday Evening Hour 506
Frank Black	Philadelphia Symphony
Alfred Wallenstein 201	Voice of Firestone
Eugene Ormandy	Columbia Symphony 90
Male Vocalists—Classical	Female Vocalists—Classical
RICHARD CROOKS 540	LILY PONS 524
Nelson Eddy 470	Margaret Speaks 415
Donald Dickson	Jessica Dragonette
James Melton 365	Lucille Manners
Lawrence Tibbett	Grace Moore 239
John Charles Thomas	Marian Anderson 202
Frank Munn 202	Jean Dickinson
Nino Martini	Gladys Swarthout
Paul Robeson 71	Kirsten Flagstad
Kenny Baker 61	Jeannette McDonald
Male Vocalists—Popular	Female Vocalists—Popular
BING CROSBY 846	KATE SMITH 430
Kenny Baker 599	Connie Boswell 426
Lanny Ross	Ginny Simms 409
Dennis Day 234	Frances Langford 247
Barry Wood	Dinah Shore
Harry Babbitt 99	Mary Martin
Buddy Clark 98	Bonnie Baker
Eddy Howard 87	Bea Wain
Dick Powell 86	Judy Garland
Ray Eberly 80	Yvette 92

**R** ADIO editors, writers and critics on newspapers and periodicals throughout the United States, its possessions and in Canada took part in the fourth annual poll conducted by R.IDIO D.HLV.

Tabulations were made on the basis of 10 points for each first choice, 9 points for each second choice and proportionately down the line. All figures represent points out of a possible 1,500.

Original signed questionnaires as returned by the radio editors and the worksheets used in the tabulation of the votes are carefully preserved by R.1DIO D.HLY. It is regarded as the one authoritative poll of its kind conducted by a radio industry business paper and is presented as a service to the trade, which finds it helpful to have a true cross-section of opinion from the nation's radio editors.

### LISTEN!

Hear what a Time Buyer who bought more than \$2,695,000 of Radio time in 1939 for his Agency's accounts, says:

"... advertisers who want to reach radio time buyers without any waste can only do it in Radio Advertising Rates & Data. When Account Executives ask me about trade publications, I always recommend it as the one medium in which buyers can be reached 100%."

Scores of Radio Stations are proving that their sales messages in Radio Advertising Rates & Data receive greater attention because they are carried directly to the men who make the buying decisions when either Network or Spot time is being placed.

Radio Advertising Rates & Data is a "must" for every Station and Network schedule that wants greater results in 1941.



## DATA ON PROGRAM WINNERS IN RADIO DAILY'S FOURTH ANNUAL POLL of RADIO CRITICS

#### Jell-O

Sponsored by General Foods Corp., for Jell-O; Sundays, 7-7:30 p.m. on the NBC Red network. Ayency: Young & Rubicam, Inc. Cast: Jack Benny, Mary Livingstone, Dennis Day, Rochester, Andy Devine, Don Wilson. Orchestra: Phil Harris.

#### **Bob Hope Program**

Sponsored by Pepsodent Co.; Tucsdays, 10-10:30 p.m. on NBC Red network. Agency: Lord & Thomas, Inc. Cast: Bob Hope, Jerry Colonna, Brenda and Cobina and guest stars. Orchestra: Skinnay Ennis.

#### Information Please

Sponsored by American Tobacco Co., for Lucky Strike cigarettes; Fridays, 8:30-9 p.m. on NBC Red network. Agency: Lord & Thomas, Inc. Cast: Clifton Fadiman, Franklin P. Adams, John Kieran, Oscar Levant, Milton Cross and guest stars.

#### Fred Allen Show

Sponsored by The Texas Co.; Wednesdays, 9-10 p.m. on CBS network. Agency: Buchanan Co. Cast: Fred Allen, Portland Hoffa, Kenny Baker and guest stars. Orchestra: Al Goodman.

#### Kraft Music Hall

Sponsored by Kraft Cheese Corp.; Thursdays, 9-10 p.m. on NBC Red network. Agency: J. Walter Thompson Co. Cust: Bing Crosby, Connie Boswell, Bob Burns and guest stars. Orchestra: John Scott Trotter.

#### Chase & Sanborn

Sponsored by Standard Brands, Inc., for Chase & Sanborn coffee; Sundays, 8-8:30 p.m. on NBC Red network. Agency: J. Walter Thompson Co. Cast: Edgar Bergen and Charlie McCarthy and guest stars. Orchestra: Robert Armbruster.

#### Fibber McGee & Molly

Sponsored by S. C. Johnson & Son, Inc., for floor wax and polish; Tuesdays, 9:30-10 p.m. on NBC Red network. Agency: Needham, Louis & Brorby, Inc. Cast; Marion and Jim Jordan, Halow Wilcox. Orchestra: Billy Mills.

#### Ford Sunday Evening Hour

Sponsored by Ford Motor Co.; Sundays, 9-10 p.m. over a CBS network. Agency: N. W. Ayer & Son, Inc. Cast: Ford Symphony Orchestra and Chorus, guest soloists, instrumentalists and conductors.

#### Lux Radio Theater

Sponsored by Lever Bros. for Lux toilet soap; Mondays 9-10 p.m. over a CBS network. Agency: J. Walter Thompson Co. Cast: Cecil B. DeMille, producer, and guest stars. Orchestra: Louis Silvers.

#### Kay Kyser's College

Sponsored by American Tobacco Co., for Lucky Strike cigarettes; Wednesdays, 10-11 p.m. on NBC Red network. Agency: Lord & Thomas, Inc. Cast: Kay Kyser, emcee; Virginia Simms, Harry Babbitt, Sully Mason, Ben Grauer and members of the studio audience participating. Orchestra: Kay Kyser.

#### IMPORTANT RADIO

#### Telephone Numbers

#### in NEW YORK

Radio Stat		Batten, Barton, Durstine & Osborn, Inc
WAAT (N. Y. Office) WABC	Circle 5-5780	Benton & Bowles, IncWickersham 2-0400
WABC	Wickersham 2-2000	Rermingham Castleman & Pierce
WARD	. TRiangle 5-3300	Bermingham, Castleman & Pierce, IncLExington 2-7550
WBBC	TRiangle 5-6690	The Bisw Co., Inc
WARD WBBC WBBR WBNX WCAU (N. Y. Office)	MAin 4-9735	The Biow Co., Inc
WBNX	MEIrose 5-0333	Brooke, Smith, French & Dorrance,
WCAU (N. Y. Office)	Wickersham 2-2000	Brooke, Smith, French & Darrance, Inc
WCNW	Circle 7-8300	Franklin Bruck Advertising Corp Clicle 7-766
WEVD	BRyant 8-2360	Company 5 Co MEdallion 3-338
VFAS	Wisconsin 7-2299	Caril-Prochesy Inc. Wilekarcham 2 920
VGN (N. Y. O(fice)	MUrray Hill 2-3033	Compton Advertising Inc Wickersham 2-820
VHDH (N. Y. Office)	Murray Hill 2-1593	D'Arcy Advertising Co. Fl.dorado 5-376
VHN	BRyant 9-7841	Donahue & Coe. Inc
VHOM	PLaza 3-4204	Doremus & Co
VIBA (N. Y. Office)	PLaza 8-0056	Sherman & Ellis Co LAckawanna 4-357
VIII	Cleria 7 9300	
VITH	ORchard 4-3939	William Esty & Co
VCNW VEAF VEYD VFAS VGN (N. Y. O(fice) VHDH (N. Y. Office) VHOW VHOM VIBX (N. Y. Office) VIX	. Clicle 6-2200	Federal Advertising Agency, Inc ELdorado 5-640 Albert Frank-Guenther Law, Inc COrtland 7-506
VNBF (N. Y. Office)	MUrray Hill 2-5767	Albert Frank-Guenther Law, Inc COrtland 7-506
VNEW	. PLaza 3-3300	Fuller & Smith & Ross, Inc MDrray Hill 6-560 Gardner Advertising Co
VNYC	WOrth 2-5600	1 Stirling Cotchell Inc. Milesse Pill 5 4900
VOR	. PEnnsylvania 6-8383	Gever Cornell & Newell Inc. Wickersham 2-540
VOV	Circle 5-7979	Geyer, Cornell & Newell, IncWickersham 2-540 Grady & Wagner Co
YUK	TP:	M. H. Hackett, Inc Circle 6-194
MANA	IKidingle 5-0513	Charles W. Hoyt Co., Inc Murray Hill 2-080
	NEWIOWN 9-3300	Ivey & Ellington, Inc Murray Hill 2-524
National Net	marle	M. H. Hackett, Inc CIrcle 6-194 Charles W. Hoyt Co. Inc
		COlumbus 5-613
Autual Broadcasting System	Wickersham 2-2000	Joseph Katz Co Wickersham 2-274
Autual Broadcasting System	PEnnsylvania 6-9600	Kenyon & Eckhardt, Inc
National Broadcasting Co	Circle 7-8300	COlumbus 5-613 Joseph Katz Co. Wickersham 2-274 Kenyon & Eckhardt, Inc. Wickersham 2-392 H. M. Kiesewelter Advertising Agency, Inc. Lexington 2-002
Station Repres	entatires	Inc. LExington 2-002  Knox Reeves, Advertising, Inc. MUrray Hill 4-398 Arthur Kudner, Inc. CIrcle 6-320  Lambert & Feasley, Inc. COlumbus 5-372 Lennen & Mitchell, Inc. MUrray Hill 2-917 Lord & Thomas Wickersham 2-660  Marchell & Batt Lea Wickersham 2-660
	14 14 2 42.42	Arthur Kudner, Inc
Adams & Adams ohn Blair & Co. he Branham Co. rifish Broadcasting Corp. urn-Smith Co. apper Publications, Inc. ox & Tanz.	MUrray Hill 2-6148	Lambert & Feasley, Inc
he Branham Co	MUITAY HIII 9-0084	Lennen & Mitchell, Inc Murray Hill 2-917
British Broadcasting Corp.	Circle 7-0630	Lord & Inomas
Surn-Smith Co	MUrray Hill 4-6947	Maischaik O Fratt, IIICVAliderbiii 0-202
apper Publications, Inc	MÓhawk 4-3280	Maxon Inc Fldorado 5-293
ox & Tanz	. MUrray Hill 2-8284	McCann-Erickson, Inc. CIrcle 5-700
		McKec & Albright
orjoe & Co	VAnderbilt 6-5080	C. L. Miller Co
urgason & Walker	Miles Hill & 0151	Morse International, IncLExington 2-672
orthur H Hage Iv Associates	Milreau Hill 2-8865	Nett-Rogow, Inc Circle 7-423
leadley-Reed Co.	MUrray Hill 3-5470	Newell-Emmett Co., Inc AShland 4-490
orjoe & Co ree & Peters, Inc. urgascn & Walker. urthur H. Hagg & Associates leadley-Reed Co. learst Radio, Inc learst Agency. learst Ag	PLaza 8-2600	Maxon Inc. ELdorado 2-743  Maxon Inc. ELdorado 5-293  McCann-Erickson, Inc. Clrcle 5-706  McKee & Albright COlumbus 5-205  C. L. Miller Co. MUrray Hill 2-101  Morse International, Inc. LExington 2-677  Neff-Rogow, Inc. Clrcle 7-423  Newell-Emmett Co. Inc. AShland 4-490  Paris & Peart CAledonia 5-988  Peck Advertising Agency Plays 3-090
George P. Hollingberry Co	Murray Hill 3-8078	Peck Advertising Agency
nternational Radio Sales	PLaza 8-2600	Pedlar & Ryan, Inc. PLaza 5-150 Charles Dallas Reach Co. VAnderbilt 6-592 Redfield-Johnstone, Inc. PLaza 3-612 Ruthrauff & Ryan, Inc. MUrray Hill 6-640
he Katz Agency	LOngacre 5-4595	Redfield-Johnstone, Inc. PLaza 3-613
oseph Hershey McGillvra	Murray Hill 2-8755	Ruthrauff & Ryan, Inc MUrray Hill 6-640
r. McKinney	Circle 7-1178	Stack-Goble Advertising Co. Plaza 3-74'  J. D. Tarcher & Co
ATIONAL BIOSOCASTING CO	Circle /-8500	J. D. Tarcher & Co
dward Petry & Co	Militray Hill 7-4401	J. Walter Thompson CoMOhawk 4-770
adio Advertising Corp.	MUrray Hill 3-7865	Tracy-Locke-Dawson
adio Sales	Wickersham 2-2000	Warwick & LeglerMUrray Hill 6-858
Villiam G. Rambeau Co	CAledonia 5-4940	Ward Wheelock Co
aul H. Raymer Co	MUrray Hill 2-8690	roung & Rubicam, Inc
eynolds-Fitzgerald, Inc	ELdorado 5-7020	
ears & Ayer.		Publications
ears & Ayer. Veed & Co	VAnderbilt 6-4542	Advertising AgeBRyant 9-643
loward A. Wilson Co	. Murray Hill 6-1230	Advertising & Selling
Advertising 1		The Billboard
I. W. Ayer & Son, Inc.	Circle 6-0200	fising
Badger & Browning & Hersey Ted Bates, Inc	Circle 7-3720	Metronome CIrcle 7-450 Printers' Ink AShland 4-6500
rea bares, inc	Circle 6-9/00	rrinters inkAShiand 4-6500

Radio Advertising (Rates and Data). MOhawk 4-1220	Reeves Sound Studios
Radio Craft	Henry Souvaine Inc
RADIO DAILY Wise mon 7 6336	Speak-O-Phone Recording & Equipment Co
Radio Guide MUrray Hill 2-4690	Equipment Co
Radio Retailing	Standard Radio
Radio Today PLaza 3-1340 Radio Weekly WAlker 5-2576	Ted Steele Radio Productions COlumbus 5-6188
Standard Advertising Register MEdallion 3-5850	Douglas F. Storer
Tide AShland 4-3390 Variety BRyant 9-8153	Time Abroad. Inc. PLaza 3-3015
VarietyBRyant 9-8153	Time Abroad, Inc. PLaza 3-3015 Transamerican Broadcasting & Television Corp. PLaza 5-9800
\$ \$	Television Corp
News Agencies and	Transcribed Radio Shows, Inc LOngacre 5-3440 Tyro Productions COlumbus 5-3737
Issociations	United States Record Corp
Associated Press	Universal Recording Co
International News ServiceMUrray Hill 2-0131	Victor Recording Laboratory
News Features, Inc	Roger White
Transradio Press Service, Inc MUrray Hill 2-4054	Roger White Clrcle 7-4943 WHN Transcription Service BRyant 9-7800 Roy Wilson Plaza 5-5480 Wolf Associates COlumbus 5-1621
United Press MUrray Hill 2-0400	Wolf Associates COlumbus 5-1621
Tulent Agencies	WOR Electrical & Recording
	Service PEnnsylvania 6-8383 World Broadcasting System Wickersham 2-2100
James Appell Circle 7-5278	
Ratchelor Enterprises Inc. Murray Hill 2-1888	Organizations, Unious and
Herman Bernie COlumbus 5-6647	Government Agencies
Herman Bernie COlumbus 5-6647 Columbia Artists, Inc. Wickersham 2-2000 Columbia Concerts Corp. Circle 7-6900 Consolidated Radio Artists, Inc. COlumbus 5-3580	•
Consolidated Radio Artists Inc. Columbus 5-3580	Actors' Equity BRyant 9 3550 Advertising Club CAledonia 5-1810 Advertising Federation of America BRyant 9-0430
Dolan & Doane, Ltd	Advertising Federation of America BRyant 9-0430
Dolan & Doane, Ltd. COlumbus 5-1538 Evans & Salter. Circle 7-6900 Fanchon & Marco Circle 7-5630 Moe Gale Longacre 3-6111	American Association of Advertising Agencies MOhawk 4-7982 American Communications Association BOwling Green 9-3006
Moe Gale LOngacre 3-6111	American Communications
General Amusement Corp	Association BOwling Green 9-3006
William GernanntVAnderbilt 6-1750	American Federation of Musicians PEnnsylvania 6-2545 American Federation of Radio
Ben B. Lipset, Inc	American Federation of Radio
A. & S. Lyons, Inc PLaza 3-5181	Artists
Moe Gale General Amusement Corp	American Newspaper Publishers Association CAledonia 5-2000 ASCAP COlumbus 5-7464
Leo Morrison, Inc	ASCAP COlumbus 5-7464
Music Corporation of America Wickersham 2-8900	Associated Actors & Arristes
	of America BRyant 9-3550
Harry Norwood	of America BRyant 9-3550 Broadcast Music Inc. PEnnsylvania 6-5466
Harry Norwood	ot America BRyant 9-3550 Broadcast Music Inc. PEnnsylvania 6-3666 FM Broadcasters, Inc. Murray Hill 4-7201 Institute of Radio Engineers Medallion 3-5661
Harry Norwood	of America Bryant 9-3550 Broadcast Music Inc. PEnnsylvania 6-5466 FM Broadcasters, Inc. MUrray Hill 4-7201 Institute of Radio Engineers. MEdallion 3-5661 National Association of Broadcasters. CIrcle 5-5965
Harry Norwood	Associated Actors & Artistes of America Bryant 9-3550 Broadcast Music Inc. PEnnsylvania 6-5466 FM Broadcasters, Inc. Murray Hill 4-7201 Institute of Radio Engineers. MEdallion 3-5661 National Association of Broadcasters Circle 5-5965 National Association of Performing
Harry Norwood	Artists
Harry Norwood Circle 5-8242 Myron Seiznick Co. of N. Circle 7-6201 Roger White Circle 7-4943 Roy Wilson (Wilson, Powell & Hayward) PLaza 5-5480 Ed Wolf & Associates COlumbus 5-1621 WOR Artists Bureau PEnnsylvania 6-8383	Artists Clrcle 7-8194 National Labor Relations Board HAnover 2-4174 Systessional Music Mon Inc. Clrcle 7-6075
Harry Norwood Circle 5-8242 Myron Seiznick Co. of N. Circle 7-6201 Roger White Circle 7-4943 Roy Wilson (Wilson, Powell & Hayward) Plaza 5-5480 Ed Wolf & Associates COlumbus 5-1621 WOR Artists Bureau PEnnsylvania 6-8383  Program Producers and	Artists
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Harry Norwood Circle 5-8242 Myron Seiznick Co. of N. Circle 7-6201 Roger White Circle 7-4943 Roy Wilson (Wilson, Powell & Hayward) PLaza 5-5480 Ed Wolf & Associates Columbus 5-1621 WOR Artists Bureau PEnnsylvania 6-8383  Program Producers and Transcription and Recording Companies	Artists Clrcle 7-8194 National Labor Relations Board Hanover 2-4174 Professional Music Men. Inc. Clrcle 7-6075 Radio Club of America Longacre 5-6622 RESAC BRyant 9-3223 Society of Jewish Composers, Publishers and Song Writers Longacre 5-9124 Songwriters Protective Association Columbus 3-3758 Women's National Radio Committee Clrcle 7-4110 Registroad Terminals
Harry Norwood Circle 5-8242 Myron Seiznick Co. of N. Circle 7-6201 Roger White Circle 7-4943 Roy Wilson (Wilson, Powell & Hayward). PLaza 5-5480 Ed Wolf & Associates Columbus 5-1621 WOR Artists Bureau PEnnsylvania 6-8383  Program Producers and Transcription and Recording Companies  Advertisers Broadcasting Co BRyant 9-1176 Advertisers Recording Service Circle 6-0141 Air Features, Inc Wickersham 2-0077 Allied Radio Associates Circle 6-5240 AMP Recording Studios, Inc BRyant 9-1247 Arthur H. Ashley Columbus 5-1348 Associated Music Publishers Inc. BRyant 9.0847	Artists Clrcle 7-8194 National Labor Relations Board Hanover 2-4174 Pofessional Music Men. Inc. Clrcle 7-6075 Radio Club of America Longacre 5-6622 SESAC Bryant 9-3223 Society of Jewish Composers, Publishers and Song Writers Longacre 5-9124 Songwriters Protective Association Columbus 5-3758 Women's National Radio Committee Clrcle 7-4110 Railroad Terminals  Grand Central Murray Hill 6-9100 Pennsylvania Pennsylvania 6-5600
Harry Norwood Circle 5-8242 Myron Seiznick Co. of N. Circle 7-6201 Roger White Circle 7-4943 Roy Wilson (Wilson, Powell & Hayward). PLaza 5-5480 Ed Wolf & Associates Columbus 5-1621 WOR Artists Bureau PEnnsylvania 6-8383  Program Producers and Transcription and Recording Companies  Advertisers Broadcasting Co BRyant 9-1176 Advertisers Recording Service Circle 6-0141 Air Features, Inc Wickersham 2-0077 Allied Radio Associates Circle 6-5240 AMP Recording Studios, Inc BRyant 9-1247 Arthur H. Ashley Columbus 5-1348 Associated Music Publishers Inc. BRyant 9.0847	Artists Clrcle 7-8194 National Labor Relations Board Hanover 2-4174 Professional Music Men. Inc. Clrcle 7-6075 Radio Club of America Longacre 5-6622 RESAC BRyant 9-3223 Society of Jewish Composers, Publishers and Song Writers Longacre 5-9124 Songwriters Protective Association Columbus 3-3758 Women's National Radio Committee Clrcle 7-4110 Registroad Terminals
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Harry Norwood Circle 5-8242 Myron Seiznick Co. of N. Circle 7-6201 Roger White Circle 7-4943 Roy Wilson (Wilson, Powell & Hayward). PLaza 5-5480 Ed Wolf & Associates Columbus 5-1621 WOR Artists Bureau PEnnsylvania 6-8383  Program Producers and Transcription and Recording Companies  Advertisers' Broadcasting Co. BRyant 9-1176 Advertisers' Broadcasting Co. Circle 6-0141 Air Features. Inc Wickersham 2-0077 Allied Radio Associates Circle 6-5240 AMP Recording Studios, Inc. BRyant 9-1247 Arthur H. Ashley Columbus 5-1348 Associated Music Publishers, Inc. BRyant 9-0847 Audio-Scriptions, Inc Circle 7-7690 Broadcast Producers of N. Y. Eldorado 5-9300 Ted Collins Circle 7-0094 Columbia, Artists, Inc. Wickersham 2-2000 Columbia Recording Corp Circle 7-0094 Columbia Recording Corp Circle 7-7301 Decca Records, Inc Columbus 5-5662 Federal Transcribed Programs, Inc Cledonia 5-7530 H. S. Goodman Wickersham 2-3338 Jean V. Grombach, Inc Cloumbus 5-5662 Intercontinental Audio Video Corp Circle 6-6540 Intercontinental Audio Video Corp Circle 6-450 Intercontinental Audio Video Corp Circle 6-6540 Intercontinental Audio Video C	Artists Clrcle 7-8194 National Labor Relations Board Hanover 2-4174 Plotessional Music Men. Inc. Clrcle 7-6075 Radio Club of America Longacre 5-6622 SESAC BRyant 9-3223 Society of Jewish Composers, Publishers and Song Wr ters Longacre 5-9124 Songwriters Protective Association Columbus 5-3758 Women's National Radio Committee Clrcle 7-4110  Railroad Terminals  Grand Central Murray Hill 6-9100 Pennsylvania PEnnsylvania 6-5600  Ilotels  Algonquin Murray Hill 2-0101 Ambassador Wlckersham 2-1000 Astor Clrcle 6-6000 Biltmore MUrray Hill 6-6000 Biltmore MUrray Hill 6-6000 Edison Clrcle 6-5000 Lincoln Clrcle 6-5000 Lincoln Clrcle 6-5000 Lombardy PLaza 3-8600 New Yorker Medallion 1-1000 New Yorker Medallion 1-1000 New Yorker Medallion 1-1000 Para 1-1000 Para 1-1000 Ritz Tower Wlckersham 2-5000 Roosevelt Murray Hill 6-2000 St. Regis PLaza 3-4500 Savoy Plaza Volunteer 5-2600 Sherry Netherland Volunteer 5-2800
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Harry Norwood Circle 5-8242 Myron Seiznick Co. of N. Circle 7-6201 Roger White Circle 7-4943 Roy Wilson (Wilson, Powell & Hayward). PLaza 5-5480 Ed Wolf & Associates Columbus 5-1621 WOR Artists Bureau PEnnsylvania 6-8383  Program Producers and Transcription and Recording Companies  Advertisers' Broadcasting Co BRyant 9-1176 Advertisers Recording Service Circle 6-0141 Air Features. Inc Wickersham 2-0077 Allied Radio Associates Circle 6-5240 AMP Recording Studios, Inc BRyant 9-1247 Arthur H. Ashley COlumbus 5-1348 Associated Music Publishers, Inc BRyant 9-0847 Audio-Scriptions, Inc Circle 7-7690 Broadcast Producers of N. Y. Eldorado 5-9300 Ted Collins Circle 7-0094 Columbia Artists, Inc Wickersham 2-2000 Columbia Recording Corp Circle 7-7831 Decca Records, Inc Columbus 5-5662 Federal Transcribed Programs, Inc Clrede 6-6540 Hansen Associates MUrray Hill 4-9823 Heffelfinger Radio Features VAnderbilt 6-2450 Intercontinental Audio Video Corp Circle 6-6540 Hansen Associates Murray Hill 4-9823 Heffelfinger Radio Features VAnderbilt 6-2450 Intercontinental Radio Productions PLaza 8-2600 Kenf-Johnson, Inc PLaza 8-2600 Kenf-Johnson, Inc Wickersham 2-2213 Charles Michelson Wickersham 2-2213 Charles Michelson	Artists Clrcle 7-8194 National Labor Relations Board Hanover 2-4174 Pofessional Music Men. Inc. Clrcle 7-6075 Radio Club of America LOngacre 5-6622 SESAC Bryant 9-3223 Society of Jewish Composers, Publishers and Song Wr ters LOngacre 5-9124 Songwriters Protective Association Columbus 5-3758 Women's National Radio Committee Clrcle 7-4110  **Ratificational Terminals**  Grand Central Murray Hill 6-9100 Pennsylvania PEnnsylvania 6-5600  **Ilote's**  Algonquin Murray Hill 2-0101 Ambassador Wickersham 2-1000 Astor Clrcle 6-6000 Biltmore Murray Hill 9-7920 Commodore Murray Hill 9-7920 Commodore Murray Hill 9-7920 Commodore Murray Hill 6-5000 Lincoln Clrcle 6-5000 Lincoln Clrcle 6-4500 Lombardy PLaza 3-8600 New Yorker MEdallion 3-1000 New Weston Plaza 3-4800 Park Central Clrcle 7-8000 Fennsylvania PEnnsylvania 6-5000

#### **IMPORTANT RADIO**

#### Telephone Numbers

#### in LOS ANGELES



#### Radio Stations

KECAFAirfax	2121
KFACFltzroy	1231
KFIFAirfax	2121
KFOX MUtual	2510
KFVDDRexel	2391
KFWBHEmpstead	5151
KGERMAdison	2551
KGFJ PRospect	2434
KHJVAndyke	7111
KIEVCHapman 5	-2388
KMPCBRadshaw 2	-1166
KMTRHIllside	1161
KNXHOllywood	1212
KOY (L. A. Office)	3374
KRKDTUcker	7111
XEMO-XERB (L. A. Office) PRospect	9136

#### **V**etworks

Columbia Broadcasting System HOllywood	1212
Between 10 P.M. and 8:30 A.MHOllywood	7052
Don Lee Broadcasting SystemVAndyke	7111
Mutual Broadcasting SystemVAndyke	7111
National Broadcasting Co HOllywood	6161

#### Station Representatives

R. J. Bidwell Co	
-	
	584
The Branham Co Mlchigan 12	269
Free & Peters, IncVAndike 05	569
Furgason & Walker, Inc	726
George P. Hollinbery Co VAN Dyke 73	386
Joseph Hershey McGillvraPRospect 53	319
National Broadcasting Co HOllywood 61	161
Edward Petry & CoMIchigan 87	729
Radio SalesHOilywood 12	212
Paul H. Raymer CoVAndike 19	106
Reynolds-Fitzgerald, IncTUcker 24	174
Howard H. Wilson Co	726

#### **Advertising Agencies**

Alber R. H. Company	PRospect	3331
Barnes Chase Co	. PRospect	4118
Batten, Barton, Durstine & Osborn1	HOllywood	7337
Benton & Bowles Inc	Hillside	9151
Bofsford, Constantine & Gardner	. PRospect	0205
Brisacher, Davis & Staff	. PRospect	9368
Buchanan & Company, Inc	. MIchigan	2156
Campbell-Ewald Company	. PRospect	1275
Erwin, Wasey & Company	. PRospect	5317

Sidney Garfinkel Advertising AgencyTRinity	8446
Glasser Advertising AgencyFltzroy	2141
Hillman-Shane Advertising Agency Inc VAndyke	511i
Hixson-O'Donnell AdvertisingMUtual	8331
Lenner & Mitchell	-5206
Lord & ThomasHOllywood	6265
McCann-Erickson Inc MIchigan	
McKee & Albright, Inc HOllywood	8363
Miner, Dan BR1chmond	
Morgan, Raymond R. Co HEmpstead	
Needham, Louis & Brorby GRanite	8803
Neisser-Meyerhoff, IncTUcker	2607
Ruthrauff & Ryan Inc	7593
Scholts Advertising Service MIchigan	2395
Barton A. Stebbins Advertising Agency, TRinity	8821
Thompson, J. Walter Co	7241
Ward Wheelock Co Hillside	
Weinberg, Milton, Advertising CoTUcker	4111
Young & Rubicam Inc HOllywood	2734

#### Program Producers and Transcription and Recording Companies

Aerogram, Inc GLadstone 4848
Associated Transcriptions of HollywoodHIllside 4229
Walter Biddick CoRlchmond 6184
Columbia Recording CorpGRanite 4134
Paul Cruger
Davis & SchweglerTRinity 2006
Earnshaw Radio Productions GLadstone 2555
Eccles Disc Recordings
Electro-Vox Recording StudiosGLadstone 2189
Fields Bros. Radio Corp HOllywood 7305
Irving Fogel & AssociatesHOllywood 5107
Grand-Melville Co
Hollywood Recording Co
Lippe & Lazarus Productions
C. P. MacGregor
R. U. McIntosh & Associates SUnset 2-9275
Raymond R. Morgan Co HEmpstead 4194
Music Corporation of AmericaBRadshaw 2-3211
NBC Radio-Recording DivisionHOllywood 6161
George Logan Price, Inc Exposition 1960
Radioaids, Inc
Radio Producers of HollywoodHOllywood 6288
Radio Recorders, IncHOllywood 3917
Radio Transcriptions Co. of America. Hollywood 3545
RCA Manufacturing Co
Rec-Art StudiosPRospect 9232
Edward Sloman ProductionsCRestview 1-2242
Speed-Q Sound Effects PRospect 2035
Standard Radio, Inc
Wolf Associates, IncGLadstone 6676
World Broadcasting SystemHOllywood 6321
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Radio Artists Ag	encies
Columbia Artists Bureau	. HOllywood 6365
Columbia Management of Calif	HOllywood 6365
Consolidated Radio Artists	
Everett N. Crosby, Ltd	BRadshaw 2-2771
Dolan & Doane	CRestview 1-9185
Fanchon & Marco	HOllywood 5341
General Amusement Corp.	BRadshaw 2-4259
General Amusement Corp	OXford 1005
KMTP Artists Russau	HOllywood 0777
Ivons A & S	BRadshaw 2-2893
Morris Agency, William	BRadshaw 2-4111
Morrison, Leo	CRestview 1-9191
Music Corporation of America	BRadshaw 2-3211
NBC Artists Service	. HOllywood 6161
Selznick, Myron	BRadshaw 2-1133
Selznick, Myron Swanson, H, N	CRestview 1-5115
Publication	S
Broadcasting & Broadcast	
Advertising	Cladstone 7353
Advertising Daily Variety Printer's Ink Radio Advertising (Rates and Data) RADIO DAILY	HOllowood 1141
Printer's Ink	Mileral 1900
Radio Advertising (Pates and Data)	Tileker 9706
PARIO PANE	TUCKET 5700
RADIO LACT	
Kadio Guide	UXford 2061
Variety	Hallywood 1141
Western Advertising	.VAndyke 6320
Air Lines	
American Airlines	. MIchigan 8822
Grand Central Air Terminal	CHapman 5-1222
Los Angeles Municipal Airport	ORegon 8-1151
Pan American Airways	Mlchigan <b>2</b> 121
TWA	MIchigan 8881
Union Air Terminal	HOllywood 1606
United Air Lines	TRinity 4771
Sport Arena	ıs
•	
American Legion (Stadium-Hollywood)	HOII
Los Angeles Coliseum	
Gilmare Stadium	WHitney 1163
Simulate Standard	Williney 1103
Railway Lermi	nals
Santa Fe	MUtual 0111
Southern Pacific	Michigan 6161
Union Pacific	
Hotels	
	DRexel 7011
Biltmore Hotel	Michigan 1011
	HOllywood 2241
Clark Hotel	Mlchigan 4121
Del Monte Hotel (L. A Offices) .	
	HOllywood 3581
Hollywood Hotel	
Hollywood Knickerbocker	
Hollywood Plaza Hotel	
Roosevelt Hotel	HOllywood 2442

The Town House .... EXposition 1234

IMPORTANT RADIO AND GOVERN-MENT TELEPHONE NUMBERS IN Washington, D. C.

#### Federal Departments and Agencies

Agencies
White House NAtional 1414
State Department District 4510
Treasury Department . NAtional 6400
War Department NAtional 2520
War Department
Post Office Department District 5360
Navy Department District 2900
Interior Department
(Office of Education) Republic 1820
Agriculture Department REpublic 4142
Commerce Department District 2200
Labor Department NAtional 6741 Federal Trade Commission . NAtional 8206
FEDERAL COMMUNICATIONS  NAtional B206
COMMISSION District 1654
Securities Exchange Commission District 3633
National Labor Relations Board NAtional 9716
Wage & Hour Administration NAtional 6741
Social Security Board District 2812
Supreme Court of the U. S NAtional 5321
D. C. Court of Appeals NAtional 4624
U. S. District Court (for D. C.) District 2854
Capitol (Senate and House) NAtional 3120
•
Non-Governmental
Clear Channel GroupMEtropolitan 1464
National Association of Broadcasters . NAtional 2080
National Association of Regional Broadcast
Stations MEtropolitan 0023
National Independent Broadcasters REpublic 3607
National Press Club MEtropolitan 0345
Radio Correspondents' Assn. (Extension 1410) NAtional 1410
RADIO DAILY REpublic 2595
Radio Manufacturers' Association NAtional 4901
Radio Stations
WMAL-WRCREpublic 4000
WOL MEtropolitan 0012
WWDC . NAtional 7203
WINX REpublic 8000
Hotels
Carleton Hotel MEtropolitan 2626
Mayflower Hotel District 3000
Raleigh HotelNAtional 3810
Willard Hotel NAtional 4420
News Services
Associated Press District 1500
International News ServiceNAtional 1733
Transradio PressNAtional 1178
United Fress NAtional 9052
Railway Terminals
Baltimore & Ohio R. R
Pennsylvania R. R District 1424
Union Station



NBC, offers radio stations two outstanding services for building audience-commanding local commercial and sustaining programs.

1. NBC The saurus - "The Treasure House of Recorded Programs" provides "big-name, big-time musical programs at triffing cost. Weekly continuity for 20 stellar series (70 programs weekly).

2. NBC Syndicated Program Series, Outstanding, expertly produced successes like "The Lone Ranger," "Betty and Bob" "Hollywood Head-Ranger, "Betty and Bob" "Hollywood Head-liners," "Five-Minute Mysteries" - and many more.

#### CUSTOM-BUILT PROGRAMS FOR "SPOTS"?

NBC's "custom" recorded program service is completemeludes writing, casting, production: also, recording, proc-

essing, manufacturing and distribution of pressings--all recorded NBC Orthacoustics. Recording. processing and remufacture of pressings, of course,

for agencies preferring to handle their own production. Yes- and a choice of 200 stations for advertisers who select NRC Thesaurus programs for "spot" and local broadcasts.

#### PROGRAM PLANNING HELP?

your Answer.

vice, easting help—everything you need. The unmatched tacilities of the "Program Center of Radio" are all yours when your show is recorded by NBC.

AIR CHECKS?

your Answer!

Of course-- "off the line" and "off the air" recordings for radio artists, producers, advertisers and agencies - as

Includes studios, technical ser-

production check and for audition, reference or rebroadcast, Complete facilities at all offices.

Scores of advertisers and agencies—large and small \ -u-e all or part of NBC's complete radio-recording \ service. Let us demonstrate how this outstanding \ service fits your requirements.

\* Registered Load mark



A Radio Corporation of America Service

RCA Bldg., Radio City. N. Y. • Trans-Lux Bldg., Washington, D. C. • Merchandise Mart, Chicago • Sunset and Vine, Hollywood

## IMPORTANT RADIO Telephone Numbers in CHICAGO

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Radio Stations	Campbell-Ewald CoCENtral 1946
	Campbell-Ewald Co. CENtral 1946 Cecil-Presbrey CENtral 5255 Compton Advertising STAte 8747 Critchfield & Co. SUPcrior 3061 Doremus & Co. CENtral 9132 Sherman K. Ellis & Co. HARrison 8612 Erwin, Wasey & Co. Ltd. RANdolph 4952
KSTP (Chicago office)SUPerior 8660 WAAF	Compton Advertising STAte 8747
WAAF KANdolph 1932	Critchfield & CoSUPcrior 3061
WBBM	Doremus & Co CENtral 9132
WBBM WHItehall 6000 WCBD SEEly 8066 WCFL SUPerior 5300 WCRW LINcoln 2188 WEDC CRAwford 2436 WENR SUPerior 8300	Sherman K. Ellis & Co HARrison 8612
WCDW LINES 3100	Erwin, Wasey & Co., LtdRANdolph 4952
WCRW	Albert Frank-Guenther Law, Inc. DEArborn 8910 J. Stirling Getchell
WENR SUPerior 8300	J. Stirling Getchell
WGES SEELV 8066	Goodkind, Joice & Morgan SUPerior 6747 Grant Advertising, Inc. SUPerior 9054 Henri, Hurst & McDonald, Inc. SUPerior 3000
WGNSUPerior 0100	Hone: Husel & McDonald Las SUBsuce 2000
WHFC . LAWndale 8228	H. W. Kastor Advertising Co., Inc CENtral 5331
WHIP WEBster 4514	Lord & ThomasSUPerior 4800
WHN (Chicago office) RANdolph 5254	Maron Inc DELaware 3536
WIND (Chicago office) STAte 4176	Havs. MacFarland & Co. RANdolph 9360
WJJD	Maxon, Inc. DELaware 3536 Hays, MacFarland & Co. RANdolph 9360 McCann-Erickson, Inc. WEBster 3701 McJunkin Advertising Co. STAte 5060
WLS JULY /Chicago office) HATMITAN OSC	McJunkin Advertising CoSTAte 5060
WLW (Chicago diffice)	C L. Miller Co
WMRI MIChigan 1570	Needham, Louis, & Brorby, IncSTAte 5152
WMCA (Chicago office) STAte 9493	Neisser-Meyerhoff, Inc DELaware 7860
WOR (Chicago office) SUPerior 5110	Presba. Fellers & Presba CENtral 7683
WSBCSEEIV 8066	Roche, Williams & Cunnyngham HARrison 8490
,	Rogers & SmithDEArborn 0021
	Ruthrauff & Ryan, Inc RANdolph 2625
National Networks	Rogers & Smith DEArborn 0021 Ruthrauff & Ryan, Inc. RANdolph 2625 Russell M. Seeds Co. DELaware 1045 Sherman & Marquette, Inc. DELaware 8000 Stack-Coble Advertising Agency RANdolph 0160 J. Walter Thompson Co. SUPerior 0303
	Sherman & Marquette, Inc DELaware 8000
Columbia Broadcasting System WHItehall 6000 Mutual Broadcasting System SUPerior 0100	1 Walter Thompson Co. Superior 0303
Mutual Broadcasting SystemSUPerior 0100	Wade Advertising Agency STAte 7369
National Broadcasting Co SUPerior 8300	Wessel Co. VICtory 1300
	Wade Advertising Agency STAte 7369 Wessel Co. VICtory 1300 Young & Rubicam. Inc. CENtral 3144
Marian Panananananina	
Station Representatives	Program Producers and
John Blair & Co SUPerior 8659	Transcription and Recording
The Branham Co CENTral 5/26	
Burn Smith Co. CENtral 4270 Capper Publications CENtral 5977	Companies
Burn Smith Co. CENtral 4270 Capper Publications	Chiana Danadina Chudina WEDaha 7300
Burn Smith Co. CENtral 4270 Capper Publications CENtral 5977 Cox & Tanz. FRAnklin 2095 The Foreman Co. DELaware 1869	Chiana Danadina Chudina WEDaha 7300
Burn Smith Co.         CENtral 4270           Capper Publications         CENtral 5977           Cox G Tanz         FRAnklin 2095           The Foreman Co.         DELaware 1869           Forjoe & Co.         DEAborn 3271	Chiana Danadina Chudina WEDaha 7300
Burn Smith Co.         CENtral 4270           Capper Publications         CENtral 5977           Cox & Tanz         FRAnklin 2095           The Foreman Co.         DELaware 1869           Forjoe & Co.         DEAborn 3271           Free & Peters         FRAnklin 6373	Chiana Danadina Chudina WEDaha 7300
Burn Smith Co.         CENtral 4270           Capper Publications         CENtral 5977           Cox & Tanz.         FRAnklin 2095           The Foreman Co.         DELaware 1869           Forjoe & Co.         DEAborn 3271           Free & Peters         FRAnklin 6373           Furgason & Walker.         STAte 5262	Chicago Recording Studios WEBster 7288 Columbia Recording Corp WH1tehall 6000 Decca Records, Inc DELaware 8800 Estelle Lutz Artists Bureau HARrison 3435 International Radio Productions CENtral 4547
Burn Smith Co.         CENtral 4270           Capper Publications         CENtral 5977           Cox & Tanz         FRAnklin 2095           The Foreman Co.         DELaware 1869           Forjoe & Co.         DEAborn 3271           Free & Peters         FRAnklin 6373           Furgason & Walker         STAte 5262           Arthur Hagg & Associates         CENtral 7553           Face 1762         CENtral 7553	Chicago Recording Studios WEBster 7288 Columbia Recording Corp WH1tehall 6000 Decca Records, Inc DELaware 8800 Estelle Lutz Artists Bureau HARrison 3435 International Radio Productions CENtral 4547
Burn Smith Co.         CENtral 4270           Capper Publications         CENtral 5977           Cox & Tanz         FRAnklin 2095           The Foreman Co.         DELaware 1869           Forjoe & Co.         DEAborn 3271           Free & Peters         FRAnklin 6373           Furgason & Walker         STAte 5262           Arthur Hagg & Associates         CENtral 7553           Headley-Reed Co.         FRAnklin 4687           Goover P. Hollimbory         STAte 2898	Chicago Recording Studios WEBster 7288 Columbia Recording Corp WH1tehall 6000 Decca Records, Inc DELaware 8800 Estelle Lutz Artists Bureau HARrison 3435 International Radio Productions CENtral 4547
Burn Smith Co.         CENtral 4270           Capper Publications         CENtral 5977           Cox & Tanz.         FRAnklin 2095           The Foreman Co.         DELaware 1869           Forjoe & Co.         DEAborn 3271           Free & Peters         FRAnklin 6373           Furgason & Walker.         STAte 5262           Arthur Hagg & Associates         CENtral 7553           Headley-Reed Co.         FRAnklin 4687           George P. Hollingbery         .STAte 2898           International Radio Sales         CENtral 4547	Chicago Recording Studios WEBster 7288 Columbia Recording Corp WH1tehall 6000 Decca Records, Inc DELaware 8800 Estelle Lutz Artists Bureau HARrison 3435 International Radio Productions CENtral 4547
Burn Smith Co.         CENtral 4270           Capper Publications         CENtral 5977           Cox & Tanz         FRAnklin 2095           The Foreman Co.         DELaware 1869           Forjoe & Co.         DEAborn 3271           Free & Peters         FRAnklin 6373           Furgason & Walker         STAte 5262           Arthur Hagg & Associates         CENtral 7553           Headley-Reed Co.         FRAnklin 4687           George P. Hollingbery         STAte 2898           International Radio Sales         CENtral 4547           The Katz Agency         CENtral 4238	Chicago Recording Studios WEBster 7288 Columbia Recording Corp WH1tehall 6000 Decca Records, Inc DELaware 8800 Estelle Lutz Artists Bureau HARrison 3435 International Radio Productions CENtral 4547
Burn Smith Co.         CENtral 4270           Capper Publications         CENtral 5977           Cox G Tanz         FRAnklin 2095           The Foreman Co.         DELaware 1869           Forjoe G Co.         DEAborn 3271           Free G Peters         FRAnklin 6373           Furgason G Walker         STAte 5262           Arthur Hagg G Associates         CENtral 7553           Headley-Reed Co.         FRAnklin 4687           George P. Hollingbery         STAte 2898           International Radio Sales         CENtral 4547           The Katz Agency         CENtral 4238           Joseph Hershev McGillvra         SUPerior 3444	Chicago Recording Studios WEBster 7288 Columbia Recording Corp WH1tehall 6000 Decca Records, Inc DELaware 8800 Estelle Lutz Artists Bureau HARrison 3435 International Radio Productions CENtral 4547
Burn Smith Co.         CENtral 4270           Capper Publications         CENtral 5977           Cox & Tanz         FRAnklin 2095           The Foreman Co.         DELaware 1869           Forjoe & Co.         DEAborn 3271           Free & Peters         FRAnklin 6373           Furgason & Walker         STAte 5262           Arthur Hagg & Associates         CENtral 7553           Headley-Reed Co.         FRAnklin 4687           Goorge P. Hollingbery         STAte 2898           International Radio Sales         CENtral 4547           The Katz Agency         CENtral 4238           Joseph Hershey McGillvra         SUPerior 3444           J. R. McK.nney & Son         SUPerior 9866	Chicago Recording Studios WEBster 7288 Columbia Recording Corp WH1tehall 6000 Decca Records, Inc DELaware 8800 Estelle Lutz Artists Bureau HARrison 3435 International Radio Productions CENtral 4547
Burn Smith Co. Capper Publications Capper Publications Capper Publications CENtral 5977 Cox & Tanz FRAnklin 2095 The Foreman Co. DELaware 1869 Forjoe & Co. DEAborn 3271 Free & Peters FRAnklin 6373 Furgason & Walker STAte 2562 Arthur Hagg & Associates Headley-Reed Co. FRAnklin 4687 George P. Hollingbery STATe 2898 International Radio Sales CENtral 4547 The Katz Agency CENtral 4238 Joseph Hershev McGillvra J. R. McKaney & SuPerior 3444 J. R. McKaney & SuPerior 8300 National Broadcasting Co. SuPerior 8300	Chicago Recording Studios WEBster 7288 Columbia Recording Corp WH1tehall 6000 Decca Records, Inc DELaware 8800 Estelle Lutz Artists Bureau HARrison 3435 International Radio Productions CENtral 4547
Burn Smith Co.         CENtral 4270           Capper Publications         CENtral 5977           Cox G Tanz         FRAnklin 2095           The Foreman Co.         DELaware 1869           Forjoe G Co.         DEAborn 3271           Free G Peters         FRAnklin 6373           Furgason G Walker         STAte 5262           Arthur Hagg G Associates         CENtral 7553           Headley-Reed Co.         FRAnklin 4687           George P. Hollingbery         STAte 2898           International Radio Sales         CENtral 4547           The Katz Agency         CENtral 4238           Joseph Hershev McGillvra         SUPerior 3444           J. R. McK. nney G Son         SUPerior 8800           National Broadcasting Co.         SUPerior 8300           John H. Perry Associates         HARrison 8085	Chicago Recording Studios WEBster 7288 Columbia Recording Corp WH1tehall 6000 Decca Records, Inc DELaware 8800 Estelle Lutz Artists Bureau HARrison 3435 International Radio Productions CENtral 4547
Burn Smith Co.         CENtral 4270           Capper Publications         CENtral 5977           Cox & Tanz         FRAnklin 2095           The Foreman Co.         DELaware 1869           Forjoe & Co.         DEAborn 3271           Free & Peters         FRAnklin 6373           Furgason & Walker         STAte 5262           Arthur Hagg & Associates         CENtral 7553           Headley-Reed Co.         FRAnklin 4687           George P. Hollingbery         STAte 2898           International Radio Sales         CENtral 4547           The Katz Agency         CENtral 4238           Joseph Hershey McGillvra         SUPerior 3444           J. R. McK.nney & Son         SUPerior 346           National Broadcasting Co.         SUPerior 8300           John H. Petry Associates         HARrison 8085           Ldward Petry & Co.         DELaware 8600	Chicago Recording Studios WEBster 7288 Columbia Recording Corp WH1tehall 6000 Decca Records, Inc DELaware 8800 Estelle Lutz Artists Bureau HARrison 3435 International Radio Productions CENtral 4547
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# The network MOST people NATIONAL BROADCASTING COMPANY - A RADIO COBFORATION OF AMERICA SERVICE



#### THE BUSINESS SIDE

## RADIO

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Agency and Sponsor Network
Expenditures

Advertising Agencies

F. T. C. Activities

Standard Conditions and Contract for Spot Broadcasting

Station Representatives

Radic Library

American Association of Advertising Agencies

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Radio Publications

Radio Editors of Newspapers



The

Sales thru

of NBG

The air with the greatest of ease

A RADIO CORPORATION OF AMERICA SERVICE

## THE GROWING TREND TO SPOT BROADCASTING

Ry **Benn Hall** Staff of RADIO DAILY

SPOT broadcasting is assuming greater importance than ever as a potent branch of radio advertising. Flexible, adaptable, and capable of being "localized," spot has been in increasing use since it was first tried. Advertisers who saw special marketing problems and opportunities presented by the defense measures found in spot radio an ideal medium to quickly and effectively reach audiences with increasing purchasing power.

But it's not only in special cases of this type that spot radio dramatically emerges to do a unique job. Day-in, day-out spot advertising has proved itself to be a solid and practical medium for selling goods of all types to all kinds of customers and to solve numerous sales problems effectively and economically.

#### Flexibility

Being among the most flexible of media, spot radio may be used as an independent advertising arm, or may be used in conjunction with other forms of radio advertising, as well as with magazine, newspaper, and farm paper campaigns. It can be used to give added impetus to a national campaign; if can be used in opening new markets; it can be the needed "shot-in-the-arm" to arouse slumbering sales by hypoing customer and dealer interest.

New products may be tested via spot radio. Consumer acceptance, dealer cooperation, distribution--all the factors which may make or break a new product may be tested "in miniature" through the proper use of spot radio.

These are some of the jobs spot radio does.

National and regional advertisers know spot radio will move goods from shelves and showrooms. The list of "contended users" is a "Who's Who" of American advertisers. Such firms as Bulova, Esso. Ex-Lax, Ford, Carter's, and Procter & Camble are among the diverse companies which have effectively sold their goods with the aid of soot advertising.

#### That Budget

But spot radio is by no means confined to advertisers with bulging b nkrolls. Small firm have often seen sales soar through the indicious use of spot radio. There are few financial limits to spot broadcasting. A surprisingly small advertising budget can make one a sponsor, and there's no ceiling on what may be spent by large advertisers. Programs or announcements may be purchased on one or hundreds of stations. Day or evening hours may be used.

An indication of the importance of spot radio to advertisers may be seen in the various moves to secure additional statistical data regarding the activity of spot accounts. The NAB and National Radio Records are among the groups which have established machinery to secure and make available spot broadcasting facts

#### Cooperation

The station representative has grown in influence and in prestige through his promotion of spot radio. He it is who "scouts" for accounts which may become active, who attempts to interest new advertisers in spot radio, and to sell his stations to agencies. The million-and-one-details of servicing both accounts and stations are part of his job. He is the vital link between station and agency-availabilities, suitable programs or spots at the right hours for special merchandising efforts, statistical data on stations and markets are among the needed facts he furnishes as they are needed.

Stations, representatives, agencies and advertisers have in spot radio a dynamic and effective advertising medium which is finding increasing acceptance from both large and small sponsors.



## \$96,453,603\*



#### DID YOU GET WHAT YOU WANTED?

That string of boxcar figures represents what advertisers spent for *time alone* on three major radio networks during 1940. When the figures for 1941 are in they'll probably be as big—or bigger. Some of 1941's expenditure will turn into sound investment. Some will have to be written off as speculations that turned into duds.

You can do a sounder joh of selling over the air if your programs are Ross Federal tested. By knowing, day by day, who hears your program, who knows what you are selling, by knowing how many listeners become buyers—and WHY, you can get rid of the bugbear of hit-or-miss spending and really make radio work for you.

Ross Federal Research coincidental surveys will measure the size of your radio audience quickly and accurately in any American community. Ross Federal personal interview studies will speedily measure how effectively your radio advertising is converting listeners into purchasers. A complete study of your radio market—planned the Ross Federal way—will give you the facts you need to protect your investment in radio advertising.

Ger in touch with a Ross Federal Research man today. Let him help you plan for '41.

\*The amount advertisers paid for time alone on three major networks during 1940. Figures from Broadcasting, Jan. 20.

#### ROSS FEDERAL RESEARCH

CORPORATION · 18 EAST 48th STREET · NEW YORK

New Haven Albany Buffalo Philadelphia Boston Pittsburgh Cincinnati Washington Charlotte Memphis Atlanta New Orleans Detroit Milwaukee Minneapolis Chicago Des Moines Kansas City Indianapolis Dallas Oklahoma City Los Angeles St. Louis Omaha San Francisco Portland Seattle Salt Lake City Denver



#### Comparative Major Network Billings For —— 1940—1939—1938—1937——

#### Columbia Broadcasting System

	1940	1939	1938	1937
January	\$3,575,946	\$2,674,057	\$2 879,945	\$2,378,620
February	3,330,627	2,541,512	2,680,335	2,264,317
March	3,513,170	2,925,684	3,034,317	2,555,716
April	3,322,689	2,854,026	2,121,180	2,563,478
May	3,570,727	3,097,484	2,442,283	2,560,558
June	3,144,213	2.860,180	2,121,495	2,476,576
July	3,071,398	2,311.953	1,367,357	1,988,412
August	2,875,657	2,341,636	1,423,865	1,955,280
September	3,109,863	2,563,132	1,601,755	2,028,585
October	4,001,492	3,366,654	2,387,395	2,505,485
November	3,689,778	3,474,163	2,453,410	2,654,473
December	3,819,989	3,529,154	2,529,060	2.786,618
Total	\$41,025,549	\$34.539.665	\$27,345,397	\$28,722,118

#### Mutual Broadcasting System

	1940	1939	1938	1937
January	8 317,729	\$315,078	\$269.891	\$213,748
February	337,649	276,605	253,250	232,286
March	390,813	306,976	232,877	247,431
April	363,468	262,626	189,545	200,134
May	322,186	234,764	191,201	154,633
June	299,478	228,186	202,412	117,388
July	235,182	216.583	167,108	101,458
August	227,865	205,410	164,626	96,629
September	283,463	210,589	200,342	132,866
October	781,676	428,221	347,771	238,683
November	627,562	327,045	260,929	258,357
December	576,983	317,699	337,369	245,465
Total	\$1,767,054	\$3,329,782	\$2,920,324	\$2,239,077

#### National Broadcasting Company

(Combined Blue and Red Networks)

	1910	1939	1938	1937
January	\$4,405,208	\$1,033.900	\$3,793,516	\$3.541,999
February	4,132,084	3,718,695	3,498,053	3,295,782
March	4,304,344	1,170,852	3,806,831	3,614,283
April	4,041,518	3,560,984	3,310,505	3,277,837
May	1,031,622	3,702.102	3,414,200	3,214,819
June	3,642,100	3,382,404	3,200,569	3.003,387
July	3,830,438	3,283,555	2,958,710	2.707,450
August	3,738,262	3,312,570	2,911,099	2.784,977
September	3 879,779	3,315.307	2,979,241	2,850,581
October	5,045,694	1,219.253	3,773,964	3,339,739
November	4,699 078	1,231.981	3 898,919	3,381,346
December	4,909,873	4,279,748	3,887,072	3,639,086
Total	\$50,663,000	\$45,244,354	\$41,462.679	\$38,651,286

## CLASSIFICATION BREAKDOWN OF

#### 1940 Network Expenditures

Compiled by National Radio Records

GENERAL Agriculture Alcoholic Beverages				\$86,911.904
Agriculture			\$ 239,138	, ,
Alcoholic Beverages			25,135	
Amusements			15,275	
Confections			2,060,070	
Educational			74,416	
Groceries			37,923,862	
Baking Products		\$ 4,496,525		
Beverages		4.606,162		
Cereals and Breakfast Foods		5.023,843		
Condiments		177,812		
Dairy Products		3,104,046		
Disinfectants and Exterminators		68,794		
Laundry Soaps and Cleansers		11,265,146		
Meats, Fish and Poultry.		$712\ 811$		
Miscellancous		8,468,723		
Housing Equipment and Supplies			1,600,732	
Industrial			586,646	
Insurance			731,427	
Jewelry and Silverware			302,000	
Medical			8,704,500	
Miscellaneous			933,043	
Publications .			344,468	
Public Utilities			407,028	
Radio			35,232	
Tobacco .	-	21021	14,703,523	
Cigars .		916,054		
Cigarettes		11,338,194		
Smoking Tobacco		2,444,835		
Miscellaneous		4,710	17 690 000	
Toffet Requisites		909 169	17,689,002	
Dankifulana		1 079 970		
Dentifices		9 991 069		
Tellat Course		0 157 115		
Missellander		0.407,410		
Turningutation		000,200	919 569	
Westing Amount			917.844	
Wearing Apparei			211,044	7 407 000
ACTOMOTIVE			4 051 515	7.487,660
Gasolines and Olls			4,871,915	
Passenger Cars			2,116,652	
Tires and Tubes			492,842	
Wiscenaneous			160,0	3=0.0=:
FINANCIAL				272,951
Banks and Trust Companies			25,025	
Miscellaneous			$247\ 926$	
Agriculture Alcoholic Beverages Amusements Confections Educational Groceries Baking Products Beverages Cereals and Breakfast Foods Condiments Dairy Products Disinfectants and Exterminators Laundry Soaps and Cleansers Meats, Fish and Poultry Miscellancous Housing Equipment and Supplies Industrial Insurance Jewelry and Silverware Medical Miscellaneous Public Utilities Radio Tobacco Cigars Cigarettes Smoking Tobacco Miscellaneous Toilet Requisites Antiseptics Dentifrices Perfumes and Cosmetics Toilet Soaps Miscellaneous Transportation Wearing Apparel AUTOMOTIVE Gasolines and Oils Passenger Cars Tires and Tubes Miscellaneous FINANCIAL Banks and Trust Companies Miscellaneous RETAIL POLITICAL				144,175
POLITICAL				1,638,913
POLITICAL				
				000 155 000

\$96,455,603

# CBS sweeps all network "firsts" in 1940

## CBS audience le

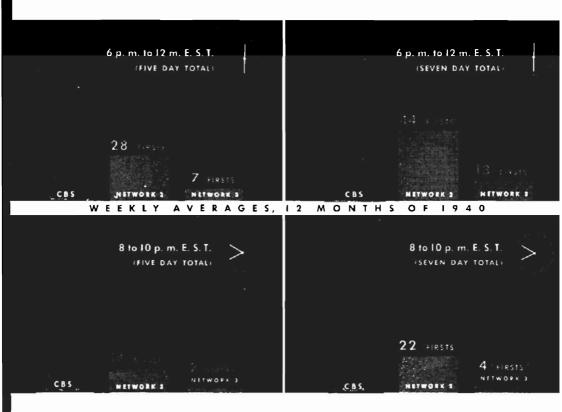
"The strongest 'all-day' schedule in network history"

ently stronger schedule than any other network in all of 1940. The Columbia Network, against all competition, delivered the largest audiences to its clients, for more program-periods in the entire broadcasting day than any other network. Counting every rated regularly sponsored quarter-hour on all networks in all of 1940, CBS averaged 161 "firsts" each week against all competition; the second network had 154; the third network, only 18 "firsts".

CBS leadership is most striking in "the major battle-ground of network competition"; in the tensely competitive evening hours. Whether you take the entire evening (6:00 p.m. to 12:00 m.) or just the heart of the evening (8:00 to 10:00 p.m.), CBS wins more "firsts" than the second and third networks combined. The exact evening score is shown in the charts, for all of 1940.

## adership in 1940

"In the major battlegrounds of network competition"\*



These charts are based on CAB rated sponsored programs in 1940, and show the average number of quarter hours, each week in 1940, in which each network delivered the largest audience to its clients against all other network competition.

♣ 6:00 p. m. to faced midnight E. S.T. and 8:00 to fer00 p. m. E. S.T. see text on facing page for score on ester productating day.



more than was

ever before invested
in any network!

## — Agency National — Network Expenditures

	1940	1939	1938
Blackett-Sample-Hummert	\$12,108,788 ( 1)	810.714.498 ( 1)	\$9,093,125 (1)
Benton & Bowles	7,678,571 (2)	5.385,301 (4)	4,800,399 (4)
Young & Rubicam	6.197,166 (3)	6.481.352 (2)	5.093.640 (3)
Ruthrauff & Ryan	6,343,379 (4)	1.991,348 ( 5)	4.015,959 ( 6)
Compton Advertising	5.282.502 (5)	3,811,128 (7)	3,107,788 (7)
J. Walter Thompson	4,572,235 (6)	6.342,268 (3)	5.320,608 (2)
Lord & Thomas	3,779,806 (7)	3,891,308 (6)	4.791,586 ( 5)
Newell-Emmett	3,526,319 (8)	1,987,362 (11)	1.693,314 ( 9)
BBD&O	3,411,767 (9)	2,481,296 (10)	1,588,554 (10)
Ward Wheelock	3,344,475 (10)	2,595,270 (9)	2.258,425 (8)
Pedlar & Ryan	2,880.022 (11)	2.902,570 (8)	1,588,185 (11)
Wm. Esty	2,652,805 (12)	1.852.529 (12)	1.096,359 (18)
Russel M. Seeds	1,920,143 (13)	1,400,433 (15)	3,5
Biow Co.	1.850.340 (14)	1,234.522 (18)	1,081,115 (19)
H. W. Kastor	1.603,328 (15)	1.732.120 (13)	1.245.302 (15)
Lennen & Mitchell	1.579,545 (16)	1.613.974 (14)	1.500.635 (12)
Knox Reeves	1.556.256 (17)	* .	o .
N. W. Ayer	1,495,547 (18)	1.144.316 (20)	1.397,535 (13)
Stack-Goble .	1.460,784 (19)	1,294,410 (16)	1,007.060 (20)
Wade Advertising	1.393,382 (20)	1,236.254 (17)	1,383,741 (14)

<sup>\*</sup> Not among 20 leaders

#### Columbia Broadcasting System 1940 Sponsor Expenditures

General Foods Corp	81,092,519
Campbell Soup Co	. 1.011,389
Colgate-Palmolive-Peet Co.	. 3,368,706
Lever Brothers Co	3.056,922
Colgate-Palmolive-Peet Co. Lever Brothers Co Procter & Gamble Co	. 2,239,961
Liggett & Myers Tobacco Co	
William Wrigley Jr. Co	1.368,224
Brown & Williamson Tobacco Corp	. 1,158,722
R. J. Reynolds Tobacco to.	. 1,081,619
American Tobacco Co	. 1.074,751
Chrysler Corp	. 986,049
Chrysler Corp	. 911.638
American Home Prod. Corp	
The Texas Co	
Continental Baking Co., Inc	. 908,101
Sterling Products, Inc	. 874,146
Philip Morris & Co., Ltd	. 855,148
Prudential Insurance Co. of America	7.11.655
Pet Milk Sales Corp	
General Mills, Inc.	613,917
Corn Products Refining Co	566,121
Lady Esther Co	517,795
American Oil Co.	169,393
Gulf Oil Corp	159,113
Chesebrough Mfg. Co	. 115,345
Penn Tobacco Co	
U. S. Tobacco Co.	
The Lambert Co	
	•

Campana Sales Co	271,012
The Cudahy Packing Co	368,199
California Fruit Growers Exchange.	348,363
Nehi Corp	334,836
George A. Hormel & Co	305,610
International Silver Co	302,000
Gillette Safety Razor Co	261,294
Ethyl Gasoline Corp	262,590
Eversharp, Inc	231,103
Lehn & Fink Products Corp.	221,121
Commercial Credit Co	209,067
Sinclair Refining Co	185,861
Pepsi Cola Co	165,212
Sealtest, Inc.	158,340
Thomas J. Lipton, Inc	150.119
Hawaiian Pineapple Co., Ltd.	136, 195
Bowey's, Inc.	135,567
Florida Citrus Commission.	132,153
Best Foods, Inc	119,023
Libbey-Owens-Ford Glass Co	111,050
Mennen Co	106,010
Los Angeles Soap Co	99,819
The Pure Oil Co	120.80
Purity Bakeries Service Corp	89 985
Fels & Co.	79,575
Stephano Brothers	55,857
Coca Cola Co.	11,510
	39,120
National Lead Co	32,995
Axion Fisher Tobacco Co	30,727
Beneficial Management Corp.	20,735
Union Oil Co.	19,975
Batha-weet Corp.	19,223
P. Lorillard Co	19.008
Chamberlain Labs., Inc.	13.829
Wilmington Trans. Co.	17,707
Colonial Dames, Inc.	17,103
Tidewater Associated Oil Co	16.080
Thewater Associated Off Co	10,000





## ARTIE SHAW

MANAGEMENT, GENERAL AMUSEMENT CORP.

Peter Paul, Inc	11.681
Albers Brothers Milling Co	14,295
Atlantic Refining Co	13,781
Planters Nut & Chocolate Co	12,283
Langendorf United Bakeries	11.667
Great Atlantic & Pacific Teu Co	8.993
General Petroleum Corp. of Calif	8,896
Paramount Pictures, Inc	8,838
Smith Brothers	8.80?
Knox Gelatine Co., Inc.,	7,566
Holland Furnace Co	6.026
E. R. Squibb & Sons	5.061
F. B. Washburn Candy Corp	1.890
D. Ghiradelli Co	3,912
Luden's, Inc.	3,719
Rio Grande Oil, Inc	3,510
Chocolate Products Co	3,278
H. P. Hood & Sons	2,208
Noxzema Chemical Co.	1,701
Political Advertisers	535,106
Tommen Auvernsers	333,106
TOTAL	1,025,519

#### Mutual Broadcasting System 1940 Sponsor Expenditures

The Wander Company 8	526,026
Bayuk Cigars, Inc	510.919
Gospel Broadcasting Association	102,232
General Cigar Co	343,681
Macfadden Publications	199,094
	197,388
	181,221
General Buking Co	158,857
Lutheran Laymen's League.	127,466
Wheeling Steel Corp	123,556
Gillette Safety Razor Co.	116,731
	99.852
The Carnation Company	99,173
The Cudahy Packing Co	
The Cudany Packing Co	95.740
White Laboratories, Inc	91,265
American Economic Foundation	72,115
Delaware, Lackawanna & Western Coal	
Co	70.317
Illinois Meat Co	68,946
R. B. Semler, Inc	51,395
American Tobacco Co Philip Morrls & Co	50,892
Philip Morrls & Co.	18.195
United Air Lines	42,150
Howard Clothes	840.01
The Mennen Company	10.314
Griffin Manufacturing Co. Peter Paul, Inc.	10.291
Peter Paul, Inc	27,858
	26.975
V. La Rosa & Sons, Inc	26.025
Bell & Company	22,376
Young People's Church of the Air	19,189
American Bird Products, Inc	18,051
Hartz Mountain Products	17,118
Phileo Radio & Television Co	15,000
Moody Bible Institute	11,370
Paul F. Beich Co	13,657
Detrola Corporation	13,172
Fidelio Brewery, Inc.	11,880
Paul F, Beich Co	10.817
Paramount Pictures, Inc	5,331
William Demuth & Co	1,110
National Conference of Prayer & Evan-	
gelism	3.987
Detroit Bible Class	2,576
Swift & Company	2,003
Swift & Company The Multer Company, Inc. El Paso County Board of Development	1,346
El Paso County Board of Development	1.086
Political	293,898
Cooperative	110,688
TOTAL	,767,051

#### National Broadcasting Co. 1940 S p o n s o r Expenditures

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Adam Hat Stores, Inc	8 217,772
Mr Conditioning Training Corp	
American Home Products Co	1,909,117
American Oil Co	3,320
American Tobacco Co., Inc	
Babbitt, Inc., B. T	
Bank of Amer. Nat. Trust & Savings	s 16.811
Bell Telephone System	. 106,308
Better Speech Institute of America	. 100,508
Bristol-Myers Co	. 1,077,176
Brown & Williamson Tobacco Corp.	
Canada Dry Ginger Me, Inc	310,933
Canadian Railway Assn.	. 79,368
Cardinet Candy Co.	. 36,208
Carnation Co	611,904
Chamberlain Laboratories, Inc.	12,291
Chemicals, Inc	1,101
Cities Service Co	626,101
Colgate-Palmolive-Peet Co	965,516
Consolidated Royal Chemical Corp	15,981
DuPont de Nemours Co., E. I	370,521
Emerson Drug Co.	101,982
Fendrich, Inc., H.	61,125
Firestone Tire & Rubber Co	192,812
Fitch Co., F. W	515,393
Food & Beverage Broadcasters Ass'n	. 02,566
Gallenkamp Stores Co	. 33,261
General Electric Co.	. 525,796
General Foods Corp.	. 1,791,830
General Mills, Inc	2,195,735
Gillette Safety Razor Co	17,850
Gordon Baking Co	82,081
Greyhound Lines	168,028
Griswold Mfg. Co	5,151
Grove Laboratories, Inc.	188,280
Guiden, Inc., C. H	52,720
Hall Bros., Inc Hecker Products Corp.	. 63,328
	216,751
Hormel, Geo, A. & Co	988,002 013,11
Illinois Central Ruitroad Jergens Co., Andrew Johnson, S. C. & Son, Inc Knapp-Monarch Co.	1,033,807
Johnson, S. C. & Son, Inc.	633,512
Knapp-Monarch Co.	26,600
Lance Pastring Co.	37,101 16,019
Langendorf Bakerles, Inc. Larus Bro. Co. Lever Bros. Lewis-Howe Co. Lingett & Myers Tobacco Co.	31,320
Larus Bro. Co	. 6,861
Lever Bros	. 114,152
Liggatt & Myers Tobacco Co	. 957,351 1,932,386
Lonse Wiles Biscuit Co	1,121
Lorillard Co., P	1,121 526,730
Manhattan Soap Co.	. 111,680 . 541,714
Miles Laboratories Inc.	1,393,382
Modern Food Process Co.	69,887
Modern Food Process Co. Moore & Co., Benjamin. Morrell & Co., John.	35,280
Morrell & Co., John	135,018
Morris, Philip, & Co., Ltd	. 701,868 . 15,600
Musterole Co	102,600
Nash-Kelvinator Corp	169,628
National Dairy Products Corp Ohio Oil Co	1,339,299
Ohio Oil Co	75,018 318,096
FREIDE COAST BOTAY CO	., 10,494)



#### ORRIN TUCKER

And His Orchestra



Management: Music Corporation of America

Pepsodent Co	621,910
Pillsbury Flour Mills Co	230,121
Procter & Gamble Co	8,759,459
	259,679
Quaker Oats Co	955,756
Ralston Purina Co	319,001
Remington Rand, Inc	31,112
Remington Rand, Inc	1,012,990
Richardson & Rabbins	70,560
Reynolds Tobacco Co., K. J. Richardson & Robbins Richfield Oil Corp	201,137
Sherwin Williams Co	250,376
Signal Oil Co	61.212
Skelly Oil Co	19,506
Standard Brands, Inc	1,501,199
Standard Brands, Inc	68,580
Sterling Products, Inc.	5,001,680
Sun Oil Co	676,712
swift & Co.	1,788
Texas Co	118,238
Tidewater-Associated Oil Co	19,019
Tidewater-Associated Oil Co	16,324
Union Oil Co. of Cal	39,156
U. S. of Brazil	21,752
Vick Chemical Co.	29.513
Wander Co	28,260
Ward Baking Co	76,214
Warner, Wm. R., Co., Inc	209,034
Welch Grape Juice Co	216,721
Wesson Oil & Snowdrift Sales Corp	18,921
Westinghouse Elec. & Mfg. Co	503,592
Wheatena Corp	26,730
Williams Co., J. B	328,861
Williamson Candy Co	16,221
TOTAL GROSS COMMERCIAL	
EXPENDITI RES	19.853.391
EXPENDITURES	
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Wilkle	
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Willkle Associated Willkle Clubs Committee of Business Men for Willkle.	
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Wilkle Associated Wilkle Clubs Committee of Business Men for Wilkle Communistic National Election Commit-	8 3,103 23,733 101,570 7,788
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Wilkle Associated Willkie Clubs Communistic Of Business Men for Wilkie. Communistic National Election Commit-	8 3,103 23,733 101,570 7,788 7,397
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Wilkle Associated Willkie Clubs Communistic Of Business Men for Wilkie. Communistic National Election Commit-	8 3,103 23,733 101,570 7,788
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Wilkle Associated Willkie Clubs Communistic Of Business Men for Wilkie. Communistic National Election Commit-	8 3,103 23,733 101,570 7,788 7,397 260,109
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Willkie Associated Wilkie Clubs Committee of Business Men for Wilkie. Commissic National Election Committee Democratic National Committee. Democratic State Committee of New Jersey Democrats for Willkie	8 3,103 23,733 101,570 7,788 7,397
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Willkie Associated Wilkie Clubs Committee of Business Men for Willkie. Communistic National Election Committee Democratic National Committee Democratic State Committee of New Jersey Democrats for Willkie District of Columbia Republican State	8 3,103 29,793 101,570 7,788 7,397 260,109 23,298 16,171
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Willkie Associated Willkie Clubs Committee of Business Men for Willkie Communistic National Election Committee Democratic State Committee of New Jersey Jersey Democrats for Willkie District of Columbia Republican State Committee	8 3,103 23,733 101,570 7,788 7,397 260,109 23,298 16,174
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Willkie Associated Wilkie Clubs Committee of Business Men for Wilkie. Communistic National Election Committee Democratic State Committee Jersey Democrats for Willkie District of Columbia Republican State Committee Hiram Johnson for Senator	8 3,103 29,793 101,570 7,788 7,397 260,109 23,298 16,171
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Willkie Associated Willkie Clubs Committee of Business Men for Willkie Commissic National Election Commit- tee Democratic National Committee Democratic State Committee of New Jersey Democrats for Willkie District of Columbia Republican State Committee Hiram Johnson for Senator Jeffersonian Democrats of the 11 West- gen States	8 3,103 23,733 101,570 7,788 7,397 260,109 23,298 16,174
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Willkie Associated Wilkie Clubs Committee of Business Men for Willkie. Communistic National Election Committee Democratic State Committee. Democratic State Committee of New Jersey Democrats for Willkie District of Columbia Republican State Committee Hiram Johnson for Senator. Jeffersonian Democrats of the 11 Western States Notional Federation of Republican	8 3,103 29,793 101,570 7,788 7,397 260,169 23,298 16,171 1,121 1,928 600
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Willkie Associated Willkie Clubs Committee of Business Men for Willkie Communistic National Election Committee Democratic State Committee Democratic State Committee of New Jersey Democrats for Willkie District of Columbia Republican State Committee Hiram Johnson for Senator Jeffersonian Democrats of the 14 Western States National Federation of Republican Women's Clubs of America	8 3,103 23,733 101,570 7,788 7,397 260,109 23,298 16,171 1,121 1,928 600
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Willkie Associated Willkie Clubs Committee of Business Men for Willkie. Commissic National Election Commit- tee Democratic National Committee. Democratic State Committee of New Jersey Democrats for Willkie District of Columbia Republican State Committee Hiram Johnson for Senator. Jeffersonian Democrats of the 14 West- ern States National Federation of Republican Women's Clubs of America National Independent Committee of Vot-	8 3,103 29,703 101,570 7,788 7,397 260,109 23,298 16,174 1,121 1,928 600 9,386
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Willkie Associated Willkie Clubs Committee of Business Men for Willkie. Communistic National Election Committee Democratic State Committee of New Jersey Democratic State Committee of New Jersey Democratic State Committee of New Jersey Hemocratic for Willkie District of Columbia Republican State Committee Hiram Johnson for Senator. Jeffersonian Democrats of the 11 Western States National Federation of Republican Women's Clubs of America National Independent Committee of Voters for Roosevelt and Wallace.	8 3,103 29,703 101,570 7,788 7,397 260,109 23,208 16,171 1,121 1,928 600 9,386 3,078
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Willkie Associated Willkie Clubs Committee of Business Men for Willkie. Communistic National Election Commit- tee Democratic State Committee Democratic State Committee of New Jersey Democrats for Willkie District of Columbia Republican State Committee Hiram Johnson for Senator. Jeffersonian Democrats of the 11 West- ern States National Federation of Republican Women's Clubs of America National Independent Committee of Vot- ers for Rossevelt and Wallace New York State Democratic Committee New York State Democratic Committee New York State Democratic Committee	8 3,103 29,703 101,570 7,788 7,397 260,109 23,298 16,174 1,121 1,928 600 9,386
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Willkie Associated Willkie Clubs Committee of Business Men for Willkie Communistic National Election Committee Democratic State Committee Democratic State Committee of New Jersey Jersey Lemocratic of Columbia Republican State Committee Hiram Johnson for Senator. Jeffersonian Democrats of the 11 Western States National Federation of Republican Women's Clubs of America National Independent Committee of Voters for Ronsevelt and Wallace. New York State Democratic Committee New York State Republican Committee North California Wilkie-McNary Com-	8 3,103 23,733 101,570 7,788 7,397 260,109 23,298 16,171 1,121 1,928 600 9,386 3,078 83,582 31,915
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Willkie Associated Wilkie Clubs Committee of Business Men for Willkie. Comministic National Election Commit- tee Democratic National Committee of New Jersey Democrats for Willkie District of Columbia Republican State Committee Hiram Johnson for Senator. Jeffersonian Democrats of the 11 West- ern States National Federation of Republican Women's Clubs of America National Independent Committee of Vot- ers for Roosevelt and Wallace. New York State Republican Committee New York State Republican Committee North, California Willkie-MeNary Cam- paign Committee	8 3,103 29,733 101,570 7,788 7,397 260,109 23,298 16,171 1,121 1,928 600 9,386 31,078 31,582 31,915
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Willkie Associated Willkie Clubs Committee of Business Men for Willkie. Communistic National Election Committee Democratic State Committee Democratic State Committee of New Jersey Democrats for Willkie District of Columbia Republican State Committee Hiram Johnson for Senator. Jeffersonian Democrats of the 11 West- ern States National Federation of Republican Women's Clubs of America National Independent Committee of Vot- ers for Rossevelt and Wallace. New York State Democratic Committee New York State Republican Committee North. California Willkie-McNary Cam- paign Committee	8 3,103 29,793 101,570 7,788 7,397 260,169 23,298 16,171 1,121 1,928 600 9,386 3,078 83,582 31,915 1,135 3,522
POLITICAL ADVERTISERS 1840 American Labor Party American Writers Committee for Willkie Associated Wilkie Clubs Committee of Business Men for Willkie. Comministic National Election Commit- tee Democratic National Committee of New Jersey Democrats for Willkie District of Columbia Republican State Committee Hiram Johnson for Senator. Jeffersonian Democrats of the 11 West- ern States National Federation of Republican Women's Clubs of America National Independent Committee of Vot- ers for Roosevelt and Wallace. New York State Democratic Committee New York State Republican Committee New York State Republican Committee North, California Willkie-MeNary Cam- paign Committee Northird Term Democrats Northird Term Democrats Northird Term Democrats Of Hilinois	8 3,103 29,733 101,570 7,788 7,397 260,169 23,298 16,171 1,121 1,928 600 9,386 3,078 83,582 31,915 1,135 3,522 6,621
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Wilkie Associated Wilkie Clubs Committee of Business Men for Wilkie, Communistic National Election Committee Democratic State Committee. Democratic State Committee of New Jersey Democratic of Columbia Republican State Committee Hiram Johnson for Senator. Jeffersonian Democrats of the 11 Western States National Federation of Republican Women's Clubs of America National Independent Committee of Voters for Ronsevelt and Wallace. New York State Democratic Committee New York State Democratic Committee North California Wilkie-McNary Compaign Committee Nor Third Term Democrats No Third Term Democrats Republican State Committee of Pennsyl- Republican State Committee of Pennsyl- Republican State Committee of Pennsyl-	8 3,103 29,793 101,570 7,788 7,397 260,169 23,298 16,171 1,121 1,928 600 9,386 3,078 83,582 31,915 1,135 3,522
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Wilkie Associated Wilkie Clubs Committee of Business Men for Wilkie, Communistic National Election Committee Democratic State Committee. Democratic State Committee of New Jersey Democratic of Columbia Republican State Committee Hiram Johnson for Senator. Jeffersonian Democrats of the 11 Western States National Federation of Republican Women's Clubs of America National Independent Committee of Voters for Ronsevelt and Wallace. New York State Democratic Committee New York State Democratic Committee North California Wilkie-McNary Compaign Committee Nor Third Term Democrats No Third Term Democrats Republican State Committee of Pennsyl- Republican State Committee of Pennsyl- Republican State Committee of Pennsyl-	8 3,103 29,733 101,570 7,788 7,397 260,109 23,298 16,171 1,192 1,928 600 9,386 3,078 83,582 31,915 1,135 3,522 6,622 1,58,924 8,131
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Wilkie Associated Wilkie Clubs Committee of Business Men for Wilkie, Communistic National Election Committee Democratic State Committee. Democratic State Committee of New Jersey Democratic of Columbia Republican State Committee Hiram Johnson for Senator. Jeffersonian Democrats of the 11 Western States National Federation of Republican Women's Clubs of America National Independent Committee of Voters for Ronsevelt and Wallace. New York State Democratic Committee New York State Democratic Committee North California Wilkie-McNary Compaign Committee Nor Third Term Democrats No Third Term Democrats Republican State Committee of Pennsyl- Republican State Committee of Pennsyl- Republican State Committee of Pennsyl-	8 3,103 29,703 101,570 7,788 7,397 260,109 23,298 46,174 1,121 1,928 600 9,386 3,078 83,582 31,915 1,135 3,522 6,621 1,58,924 8,131 1,231
POLITICAL ADVERTISERS 1840 American Labor Party American Writers Committee for Willkie Associated Wilkie Clubs Committee of Business Men for Willkie. Comministic National Election Committee Democratic National Committee. Democratic State Committee of New Jersey Democrats for Willkie District of Columbia Republican State Committee Hiram Johnson for Senator. Jeffersonian Democrats of the 11 Western States National Federation of Republican Women's Clubs of America National Independent Committee of Voters for Roosevelt and Wallace. New York State Democratic Committee New York State Democratic Committee North. California Willkie-McNary Campaign Committee No Third Term Democrats No Third Term Democrats No Third Term Democrats Republican National Committee Republican State Committee of Pennsylvania Socialist Labor Party	8 3,103 29,733 101,570 7,788 7,397 260,109 23,298 16,171 1,192 1,928 600 9,386 3,078 83,582 31,915 1,135 3,522 6,622 1,58,924 8,131
POLITICAL ADVERTISERS 1840 American Labor Party American Writers Committee for Wilkie Associated Wilkie Clubs Committee of Business Men for Wilkie Communistic National Election Committee Democratic National Committee of New Jersey Democratic State Committee of New Jersey Democrats for Willkie District of Columbia Republican State Committee Hiram Johnson for Senator Jeffersonian Democrats of the 11 Western States National Federation of Republican Women's Clubs of American National Independent Committee of Voters for Roosevelt and Wallace. New York State Republican Committee New York State Republican Committee New York State Republican Committee North California Wilkie-McNary Campaign Committee No Third Term Democrats of Illinois, Republican National Committee Republican State Committee of Pennsylvania Socialist Labor Party Townsend for Willkie Club. Wilkie War Veterans National Commit	8 3,103 23,733 101,570 7,788 7,397 260,109 23,298 16,171 1,121 1,928 600 9,386 3,078 83,582 31,915 1,135 3,522 6,621 158,921 8,131 1,231 2,910
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Willkie Associated Wilkie Clubs Committee of Business Men for Willkie Communistic National Election Commit- tee Democratic National Committee of New Jersey Democrats for Willkie District of Columbia Republican State Committee Hiram Johnson for Senator Jeffersonian Democrats of the 11 West- ern States National Federation of Republican Women's Clubs of America National Independent Committee of Vot- ers for Roosevelt and Wallace New York State Democratic Committee New York State Republican Committee New York State Republican Committee No Third Term Democrats of Illinois Republican National Committee Republican State Committee of Pennsyl- vania Socialist Labor Party Townsend for Willkie Club Willkie War Veterans National Commit- tee	8 3,103 29,733 101,570 7,788 7,397 260,169 23,298 16,171 1,121 1,928 600 9,386 3,582 31,915 1,135 3,522 6,621 158,924 8,131 1,231 2,910 1,188 212
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Willkie Associated Wilkie Clubs Committee of Business Men for Willkie Communistic National Election Commit- tee Democratic National Committee of New Jersey Democrats for Willkie District of Columbia Republican State Committee Hiram Johnson for Senator Jeffersonian Democrats of the 11 West- ern States National Federation of Republican Women's Clubs of America National Independent Committee of Vot- ers for Roosevelt and Wallace New York State Democratic Committee New York State Republican Committee New York State Republican Committee No Third Term Democrats of Illinois Republican National Committee Republican State Committee of Pennsyl- vania Socialist Labor Party Townsend for Willkie Club Willkie War Veterans National Commit- tee	8 3,103 29,703 101,570 7,788 7,397 260,109 23,298 16,171 1,121 1,928 600 9,386 3,582 31,915 1,135 3,522 6,621 1,58,921 1,231 2,910 1,188 212 7,312
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Willkie Associated Willkie Clubs Committee of Business Men for Willkie. Communistic National Election Committee Democratic State Committee. Democratic State Committee of New Jersey Democratic of Columbia Republican State Committee Bistrict of Columbia Republican State Committee Hiram Johnson for Senator. Jeffersonian Democrats of the 11 Western States National Federation of Republican Women's Clubs of America National Independent Committee of Voters for Ronsevelt and Wallace New York State Democratic Committee New York State Democratic Committee North California Wilkie-MeNary Compaign Committee North California Wilkie-MeNary Compaign Committee No Third Term Democrats of Hilmos. Republican State Committee of Pennsylvania Socialist Labor Party Townsend for Willkie Club Willkie War Veterans National Committee Wilkie Volunteers Women's Republican Clubs of Boston Women's Republican Clubs of Boston	8 3,103 23,733 101,570 7,788 7,397 260,169 23,298 16,171 1,121 1,928 600 9,386 3,078 83,582 31,915 1,135 3,622 1,135 3,622 1,135 3,622 1,135 3,622 1,135 1,231 1,2
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Willkie Associated Willkie Clubs Committee of Business Men for Willkie Communistic National Election Committee Democratic State Committee Democratic State Committee Democratic State Committee of New Jersey Democratic of Columbia Republican State Committee Hiram Johnson for Senator. Jeffersonian Democrats of the 11 Western States National Federation of Republican Women's Clubs of America National Independent Committee of Voters for Roosevelt and Wallace New York State Democratic Committee North California Willkie-McNary Compaign Committee Nor Third Term Democrats of Illinois. Republican State Committee of Pennsylvania Socialist Labor Party. Townsend for Willkie Club Willkie War Veterans National Committee Wilkle Volunteers Women's Republican Clubs of Roston Women Workers for Willkie	8 3,103 23,733 101,570 7,788 7,397 260,169 23,298 16,171 1,121 1,928 600 9,386 3,078 83,582 31,915 1,135 3,622 1,135 3,622 1,135 3,622 1,135 3,622 1,135 1,231 1,2
POLITICAL ADVERTISERS 1840 American Labor Party American Writers Committee for Willkie Associated Willkie Clubs Committee of Business Men for Willkie Communistic National Election Committee Democratic State Committee of New Jersey Democratic State Committee of New Jersey Democratic of Columbia Republican State Committee Hiram Johnson for Senator. Jeffersonian Democrats of the 11 Western States National Federation of Republican Women's Clubs of America National Independent Committee of Voters for Roosevelt and Wallace. New York State Democratic Committee New York State Democratic Committee North. California Willkie-MeNary Campaign Committee North There Democrats of Hilmos. Republican National Committee of Pennsylvania Socialist Labor Party Townsend for Willkie Club. Willkie War Veterans National Committee Willkie Volunteers Women's Republican Clubs of Boston Women's Republican Clubs of Roston	8 3,103 29,733 101,570 7,788 7,397 260,169 23,298 16,171 1,1928 600 9,386 3,582 31,915 1,135 3,522 6,621 158,924 8,131 1,231 2,910 1,188 212 7,312 1,032 2,676
POLITICAL ADVERTISERS 1940 American Labor Party American Writers Committee for Willkie Associated Willkie Clubs Committee of Business Men for Willkie Communistic National Election Committee Democratic State Committee Democratic State Committee Democratic State Committee of New Jersey Democratic of Columbia Republican State Committee Hiram Johnson for Senator. Jeffersonian Democrats of the 11 Western States National Federation of Republican Women's Clubs of America National Independent Committee of Voters for Roosevelt and Wallace New York State Democratic Committee North California Willkie-McNary Compaign Committee Nor Third Term Democrats of Illinois. Republican State Committee of Pennsylvania Socialist Labor Party. Townsend for Willkie Club Willkie War Veterans National Committee Wilkle Volunteers Women's Republican Clubs of Roston Women Workers for Willkie	8 3,103 29,733 101,570 7,788 7,397 260,109 23,298 16,171 1,121 1,928 600 9,386 31,915 1,135 3,522 6,621 158,921 1,231 2,910 1,188 212 7,312 1,032 2,670

#### Columbia Broadcasting System 1940 Agency Gross Billings

Ruthrauff & Ryan, Inc	. \$5,928.983
Ruthrauff & Ryan, Inc	1,569,185
Young & Robicam, Inc	. 1,362,245
Ward Wheelnek Co	. 3,311,175
BBD&O, Inc	2.063,012
Blackett-Sample-Hummert, Inc	1,959,603
Newell-Emmett Co., Inc.	
William Esty & Co., Inc. J. Walter Thompson Co.	1,333.142
Lord & Thomas	1,274.855
The Biow Co., Inc.	1,091,199
N. W. Ayer & San, Inc.	. 1,033,432
Neisser-Meyerhoff, Inc.	. 960.661
Pedlar & Ryan, Inc	
Buchauan & Co., Inc	920,329
Compton Advertising, Inc.	. 889,617
Gardner Advertising Co	. 701,733
H. W. Kaster & Sons Adv. Co., Inc	
C. L. Miller Co	. 566,121
Arthur Kuduer, Inc	532,256
Arthur Kudner, Inc. McCann-Erickson, Inc. Joseph Katz (o. Knox Reeves Advertising, Inc.	176,830
From Page Advertising Inc.	169,393
Aubrey, Moore & Wallace, Inc Maxon, Inc. Reche, Williams & Cunnyngham, Inc.	371,042
Maxon, Inc.	261,291
Reche, Williams & Cunnyngham, Inc.	255,031 . 209,067
Federal Advertising Agency, Inc.	185,861
McKee & Albright, Inc.	158.340
Sorensen & Co	. 135,567
Reche, Williams & Cunnyngham, Inc. O'Den, Sheldon & Canady, Inc. Federal Advertising Agency, Inc. McKee & Albright, Inc. Sorensen & Co. H. M. Kiesewetter Adv. Agency, Inc. William Blair Baggley Agency. Shermin & Marquette, Inc. Raymond R. Morgan (o. U. S. Advertising Corp Leo Burnelt Co., Inc.	125,232 121,339
Sherman & Marquette, Inc.	116,535
Raymond R. Mergan Co	. 112,132
U. S. Advertising Corp	. 111,050
Leo Burnett Co., Inc.	98.024 89,985
Lee Burnett Co., Inc. Campbell-Mithun, Inc. Erwin Wasey & Co. Aitkin-Kynett Co. Westeo Advertising Agency D'Arcy Advertising Co., Inc. Weiss & Geller, Inc.	57,336
Aitkin-Kynett Co	. 55,857
Westen Advertising Agency	55,037 11,510
Weiss & Geller, Inc.	
Weiss & Geller, Inc. Lemen & Mitchell, Inc. L. W. Ramsey Co. Glasser Advertising Agency Brisacher, Davis & Staff. Leon Livingston Advertising Agency	19,008
L. W. Ramsey Co	. 18,829
Brigother Davis & Staff	17,103
Leon Livingston Advertising Agency	11,667
Gillnam Advertising Agency	. 9.150
Paris & Peart	8,993 8,896
J. D. Tarcher & Co.	8.802
William R Rankin treucy	7.968
William R. Rankin Agency Kenyon & Eckhardt, Inc.	7,566
Walter Barrisch	6.129 5.91 <b>0</b>
Gever, Cornell & Newell, Inc.	5.061
Kenyon & Eckhardt, Inc. Harold Cabot & Co., Inc. Walter Barusch Geyer, Cornell & Newell, Inc. Bennett, Walther & Menadier, Inc. J. M. Mathes, Inc. Hisson-O'Donnell, Adv., Inc.	1.890
J. M. Mathes, Inc.	3,749
Hivson-O'Donnell Adv., Inc.	3,108
McCord Co.	3,278
Al Paul Lefton Co., Inc	1,857
Harry M. Frost Co., Inc.	1.130
McCord Co. Al Paul Lefton Co., Inc. Harry M. Frost Co., Inc. Bernard F. Ostreicher Adv. Cesana & Associates	
Callaway Associates	320
Cesana & Associates Callaway Associates Badger & Browning, Inc. Direct (no agency)	214
Direct (no agency)	326,937

TOTAL .....\$11,025,519



## CONNIE BOSWELL

KRAFT MUSIC HALL

DECCA RECORDS

### Mutual Broadcasting System 1940 Agency Gross Billings

Blackett-Sample-Hummert, Inc.	Š	581,766
Ivey & Ellington, Inc		510,949
R. H. Alber Co		121,421
Erwin, Wasey & Co., Inc		270,831
J. Walter Thompson Co		266,977
Federal Advertising Agency, Inc.		237.561
Sherman K. Ellis, Inc.		221.672
Batten, Barton, Durstine & Osborne, Inc.	٠.	181,221
Ruthrauff & Ryan, Inc		169,520
Critchfield & Co		137.926
Kelly, Stuhlman & Zahrndt, Inc		127,166
Muxon, Inc.		116.731
		91,265
Arthur Kudner, Inc.		79,510
Bayless-Kerr Co		72,415
Neisser-Meverhoff, Inc.		68.910
N. W. Ayer & Son, Inc.		55.807
Lord & Thomas		50.892
Biow Co., Inc.		18.195
H. M. Kiesewetter		
		10,341
Redfield-Johnstone, Inc.		10.618
Bermingham, Castleman & Pierce, Inc		10,291
Roche, Williams & Cunnyngham, Inc.,		37.000
Platt-Forbes, Inc	K	27,858
Agency		26,025
Anderson, Davis & Platte, Inc.,		22,376
Weston-Barnett, Inc		18,051
Geo. W. Hartman Co		17,148
McKee & Albright, Inc.		15,000
Bass-Luckoff, Inc.		13,172
Dillingham, Livermore & Durham, Inc.		11,880
J. Edward Long Advertising Agency		10,817
Buchanan & Co., Inc.,		5,331
Grey Advertising Agency		1,110 2,691
		2,576
Samuel Croot Co., Inc.		1,316
Mithoff & White		1.086
Political		293,898
Direct		3,987
Cooperative		110,688
TOTAL .	s	1,767,054

## National Broadcasting Co. 1940 Agency Gross Billings

Blackett-Sample-Hummert,	Inc.		. \$9,561,419
Compton Advertising, Inc.		 	. 1,392,855
J. Walter Thompson Co			
Lord & Thomas			
Young & Rubicam, Inc.			
Pediar & Ryan, Inc			
Newell-Emmett Co., Inc.			1,936,810
Russel M. Seeds Co., Inc.		 	1,920,143

Benton & Bowles, Inc.	1,719,591
Ruthrauff & Ryan, Inc.	1,601,674
Lennen & Mitchell, Inc	1,560,537
Stack-Goble Advertising Agency	1,160,781
Wade Advertising Agency	1,393,382
Batten, Barton, Durstine & Oshorn, Inc.	
Knox Reeves Advertising, Inc.	1,142,878
Wm. Esty & Co., Inc	1,012,990
Wm. Esty & Co., Inc	,- ,-
Inc	990,143
Erwin, Wasey & Co., Inc.	725,640
Biow Co., Inc	107,946
Roche, Williams & Cunnyngham, Inc.	676,712
Needham, Louis & Brorby, Inc	633.512
L. W. Ramsey Co	557,681
Grant Advertising Co., Inc.	511,711
Fuller & Smith & Ross, Inc.	503.592
Sweeney & James Co	192,842
N. W. Ayer & Son, Inc	106,308
McCann-Erickson, Inc.	386.676
Warwick & Legler, Inc.	378, 102
McKee & Albright, Inc	346,105
Henri, Hurst & McDonald, Inc.	335,721
Gardner Advertising Co	319,004
Wm. H. Rankin Co	313,010
J. M. Mathes, Inc.	310,933
Maxon, Inc	295,966
Leo Burnett Co., Inc	259,679
Hutchinson Advertising Co.	230,421
Sherman & Marquette, Inc.	225,388
Glicksman Advertising Co., Inc.	217,772
Hixson-O'Donnell Advertising Inc Geyer, Cornell & Newell, Inc	201,137 169,628
Beaumont & Hohman, Inc	168,028
Kenyon & Eckhardt, Inc. Westeo Advertising Agency	126,561
C. W. Hoyt Co., Inc.	123,149 123,280
C. W. Hoyt Co., Inc	118,238
Franklin Bruck Advertising Corp.	111,680
Wm, Blair Baggley, Inc. Brisacher, Davis & Staff McJunkin Advertising Co.	93,479 92,566
McJunkin Advertising Co	82,046
Sherman K. Ellis & Co., Inc Byer & Bowman Advertising Agency	76,211 75, <b>0</b> 18
Clements Co., Inc.	69,887
Clements Co., Inc. National Classified Advertising Agency. Barton A. Stebbins Advertising Agency.	67.836
Fitzgerald Advertising Agency, Inc.	61,212 18,924
M. M. Fischer Associates	10,718
Tomaschke-Elliott, Inc.	36,208 34,112
Long Advertising Service	33,261
Leeford Advertising Agency Long Advertising Service Leon Livingston Advertising Agency	31,320
Morse International, Inc	29,543 36,60 <b>0</b>
Cumpbell-Ewald Co., Inc.	21,752
Morse International, Inc. Cramer-Krasselt Co. Crampbell-Ewald Co., Inc. Botsford, Constantine & Gardner Charles R. Stuart. Critchfield & Co.	20,428 16,844
Critchfield & Co.	16,361
	16,224
Nachman-Rhodes, Inc. W. W. Garrison Agency.	16,019 11,67 <b>0</b>
The Caples Co.	11,310
The Caples Co	8.131
Grady & Wagner Co Well & Wilkins, Inc	7,788 6,580
Albert Guenther-Frank Law, Inc.	1,488
Albert Guenther-Frank Law, Inc. Joseph Katz Co	3,320
Lisle Sheldon Agency. M. H. Hackett, Inc.	4,91 <b>6</b> 2,670
	1,911
Cesanna & Associates, Ltd	1.928
Wm. 4. Involubly Co.	1,435 6 <b>0</b> 0
Cesanna & Associates, Ltd., Lowe Features Wm, A. Ingoldsby Co., Wulter Burusch Advertising Agency.	296
diaser anvertising agency	212
No agency (Billed Direct)	
	(12.701

## TEDDY POWELL

AND HIS

"Band of Tomorrow"



featuring s

A sweet style that's SWEET!

AND

Swing that is HOT!



BLUEBIRD RECORDS

Management: Consolidated Radio Artists

## NATIONAL SPOT ADVERTISERS

### — 101 OF MAJOR IMPORTANCE -

### AGRICULTURAL

Dr. Hess & Clark

### GASOLINES & OILS

Atlantic Esso Gulf Richfield Shell Socony-Vacuum Oil Co. Texaco Tydol White Rose

### PASSENGER CARS

Dodge Ford Mercury Packard

### TIRES & TUBES

Goodyear

### CONFECTIONS

Beechnut Gum Double-Bubble Gum Planter's Peanuts Henry Heide Cough Drops

### GROCERIES

Baking Products Bits Baking Chocolate Calumet City Baking Company Davis Baking Powder Drake's Cakes Dromedary Gingerbread Mix Dromedary Date Nut Bread Fleischmann's Yeast Loose-Wiles Biscuits Presto Flour Ward Bread Beverages Boscul Coffee Chase & Sanborn Coffee Dole Pineapple Juice Folger Coffee Lipton's Tea Pepsi Cola Sanka Coffee

Vanti Pa-Pi-A

### Breakfast Foods & Cereals

Kellogg's All-Bran Wheatena Dairy Products Borden's Chatcau Cheese Borden-Wieland Milk Bosco Milk Amplifier Breyer's Ice Cream Carnation Milk

### Disinfectants & Exterminators

Sheffield Farms Milk

Cubs

Force

H-O Oats

### Laundry Soap & Cleaners Double Duty Soap

Flakes Fels Naphtha Bar & Chips Hershey Soap Granules Procter & Gamble Wyandotte Cleanser Meats, Fish & Poultry Treet

### Miscellaneous

Birds Eye Frosted Foods Dole Pineapple Products Dromedary Dates Knox Gelatine Kroger Mueller's Macaroni Spry Sunkist Fruits

### HOUSING EQUIPMENT & SUPPLIES

D. L. & W. Blue Coal Kopper's Coke

### INSURANCE

North American Insurance Co.

### MEDICAL

Aspertane Band-Aid Bandages Baume-Bengue B-C-S Cough Syrup

Blackstone Aspirin Bromo Seltzer Lydia Pinkham Minit Rub Mistol Musterole Chest Rub Nujol-Vita Nujol Sal Hepatica Saraka Serutan Stanback

### PUBLICATIONS

Look Magazine

### TOBACCO—CIGARS

Cinco Harvester Henrietta

### TOBACCO-CIGARETTES

Camels Chesterfields Lucky Strikes Old Golds Sensations

### TOBACCO—SMOKING

Beechnut. George Washington Prince Albert Union Leader

### TOILET REQUISITES— DENTIFRICES

Bost Toothpaste

### TOILET REQ.-PERFUMES & COSMETICS

Daggett & Ramsdell Hinds Honey & Almond Cream Kreml Hair Tonic

### TOILET REQ.—TOILET SOAPS, ETC.

Barbasol Woodbury Facial Soan



## DAVID BROEKMAN



PERSONAL REPRESENTATIVE:

DAVID BENJAMIN

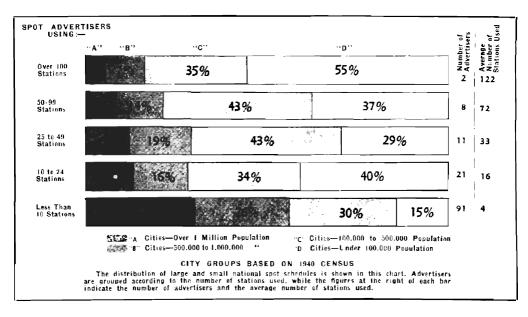
## DISTRIBUTION OF NATIONAL SPOT SCHEDULES

By N. Charles Rorabaugh, President National Radio Records

During November, 1940, twenty leading advertising agencies reported the complete schedules of 133 national advertisers who were active in spot broadcasting. An analysis of the stations and markets used during this month discloses a picture of city selection which should prove significant to all broadcasters.

Of the 133 national advertisers, 2 used an average of 122 stations, 8 averaged 72 stations, 11 averaged 33 stations, 21 averaged 16 stations, and 91 averaged 4 stations.

When it came to the selection of markets, however, "C" cities proved the most used. (In this discussion "A" cities are those of over 1,000,000 population; "B" cities, with 500,000 to 1,000,000 population; "C" cities with 100,000 to 500,000 population, and "D" cities are those with less than 100,000 population.)



The distribution of all national spot advertising schedules reported by city sizes shows that 10 per cent of all cities used were "A" cities, 16 per cent were "B" cities, 38 per cent were "C" cities, and 36 per cent were "D" cities.



## GARNETT MARKS

### ANNOUNCER—NARRATOR

1939
RUPPERT'S RELAXATION TIME—NBC

### **ACTOR**

DR. CHRISTIAN—CBS

ECHOES OF NEW YORK—NBC

### **SPORTS AND NEWS COMMENTATOR**

PROCTER & GAMBLE WABC—WSAY 1939

PARAMOUNT NEWSREEL, 1940

NOW ANNOUNCING

WKRC—CINCINNATI, OHIO

# THE PROBLEM OF FREE TIME BROADCASTING

Ed Kirby

Secretary, NAB Code Compliance Committee

UNTIL recently time-chiselling efforts emanated—with few exceptions—from the twilight zone of advertising. While reputable agencies have always endeavored to secure adequate merchandising of their shows, it is fairly recently that they began openly to attempt to "grab" free time.

This is an evil which has grown and fed upon itself because of two factors (1) The loose policy of scores of stations and, (2) competition among agencies to secure free time for clients as a demonstration of their fine "servicing" of the account.

### A Case in Point

A representative of a highly respected agency inquired at the NAB not so long ago as to its attitude in connection with what was to be an outright effort to secure free time for commercial purposes.

He stated his case. "We cannot tell our client to go across the street to the other agency if this is the sort of 'merchandising' service he wants. So long as radio stations accept such material, and so long as competing agencies use it as evidence of their ability to secure more results for the advertiser, we are forced to compete with them in securing free time."

This is the heart of the problem. The fact that free time is not commissionable and brings no revenue to the agency is no point of argument now.

### \_ \_ \_ \_ \_ \_

### Mistaken Notion

Many stations use such material in the mistalien notion that it "will put them in good" with the agency and that eventually they'll snare some business. As a matter-of-fact, agency people state that they find most of the stations which accept such "deals" weaken their standing by giving time away. Agencies know that if they give it away, they can't sell it—so it must not be very good. On the other hand, many stations carrying a volume of business from the agency feel compelled to accept some of these chisel "deals," thus encouraging more and more of the same thing.

### A Problem

Reputable agencies do not like the idea of competing with one another in non-commissionable time chisels, but as long as several hundred stations find such "deals" acceptable, they are forced to do so in self-protection and will continue to do so until stations put an end to the practice.

But with requests coming from outstanding, recognized agencies, it is time the industry paused and considered the matter as one of the most important commercial problems to be settled this year.

(Editor's Note: A year-end statement from the NAB's Bureau of Advertising reported that the business of time chiseling was notably "off." According to the Burean only one actual "free offer had been reported by member-stations, while several advertising agencies (or sponsors) had sought to place 'cost-per-inquiry' advertising on stations." The Bureau notifies member-stations of various types of objectionable business and also communicates with such prospective advertisers. They are invited to buy time on the regular basis and thus maintain the continued goodwill and cooperation of the broadcasting industry and at the same time secure all the advantages of legitimate radio advertising in selling their goods to the public.)

## 100 Watts to 50 Kilowatts

In 1941, Look to RGA for YOUR Transmitter!

Highest operating efficiency... highest fidelity... superb appearance and performance... you get them all in the RCA line of transmitters. Any RCA transmitter you choose will pay you extra dividends for years to come. Flexibility protects your investment against obsolescence.

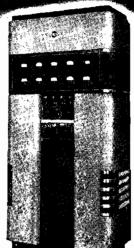
### RCA 50,000 Watt Model 50-E

Unified Front Panel Construction • High Level, Class B Modulation • Air-stream Cooled Throughout • Small Floor-Space Requirements • 5 Kw. Stand-by Service • Lower Operating Costs • Higher-Fidelity Performance.

Use RCA Radio Tubes for reliable performance night and day.

### RCA 100-250 Watt Model 250-K

You'llfind it all over America! Wherever you go, you're scarcely ever out of the service area of some 250-K, somewhere!



Flat within L5 DB from 30 to 10,900 cycles, up to 95% modulation • Stabilized Feedback keeps distortion down to less than 3% RMS, 50-7500 cycles, even at 95% modulation! • Noise and Humbetter than 60 DB below 100% modulation.

New York: 1270 Sixth Ave. • Chicago: 589 F. Illinois St. • Atlanta: 539 Citizens & Southern Bank Bldg. • Dallas: Santa Fe Bldg. • San

Transison: 170 Ninth St. • Hollywood: 1016 N. Svegmore Ave.





Broadeast Equipment

RCA MANUFACTURING COMPANY, INC., Camden, N. J.

A Service of the Radio Corporation of America • In Canada, RCA Victor Co., Ltd., Montreal

## RADIO SURVEY — ITS VALUE TO THE SPONSOR

Benn Hall

Staff of Radio Daily

IT'S pretty hard to conceive of bacon without eggs or radio without surveys. As radio's popularity has grown by leaps and bounds with listeners, the survey's popularity with sponsors and agencies has kept pace. Surveys have helped convince hard-headed business executives that radio does a selling job and it has accelerated the acceptance of radio as a dominant advertising medium.

Sometimes the forest may be a bit hard to see because of the trees, but essentially the types and purposes of surveys are simple. There are various methods to compute the number of people who listen to a particular program at a particular time, but the objective remains the same. No one technique may be satisfactory for all types of inquiries, but through the proper use of available "tools," most radio research problems may be solved.

### Early History

Radio surveys were born when pioneer sponsors back in the twenties wondered who listened to their programs. They asked their friends, the office boy, bellop, and business associates. With increased use of radio by national advertisers came increasing demands for yard-sticks. Sponsors wanted to know what shows reached relatively the largest audiences at the lowest costs.

Advertisers using other media had been "educated" over the years to expect accurate breakdowns of coverage claims. Newspapers and magazines used the Audit Bureau of Circulations (ABC) figures as a general basis in selling their advertising pages. Advertising managers, account executives, and space buyers accepted these statistics as invaluable yard-sticks in determining proper media selection for projected campaigns.

Radio, however, offered no such meas uring stick. It was a husky, growing youth—getting stronger every day—but never positive of its own strength. The introduction of the radio survey served, therefore, as a weight and height-measuring device. It enabled radio to make accurate and logical claims which won respect and recognition from advertisers who had demanded just such facts.

Various services were established to meet this demand. The Cooperative Analysis of Broadcasting (CAB), which was started in March, 1930, was not the first cooperative surveys and it aided in showing the way to lasting techniques. The field work is done for the CAB by Crossley, Inc. The CAB is a non-profit organization "sponsored" by the Association of National Advertisers and the American Association of Advertising Agencies.

Among the private survey organizations which conduct various types of radio research are: Crossley, Inc.; C. E. Hooper, Inc.; Hooper-Holmes Bureau, Inc.; Market Research Corp. of America; A. C. Nielsen Co.; Elmo Roper; Ross Federal Research Corp., and Daniel Starch.

### Types of Surveys

Research organizations conduct all types of surveys desired by advertisers, their agencies, stations, and networks. While some agencies specialize in one particular type of survey, a client can always secure the desired study from one or more of the research groups.

The Hooper-Holmes organization, for example, employs the roster (aided recall) method, using inspectors and correspondents throughout the country. This firm also checks spot announcements. Ross Federal Research Corp. conducts coincidental surveys, although other types of surveys are available. The C. E. Hooper company prepares Radio Reports as well as audience reports for individual cities. The Crossley organization, in addition to its work for the CAB, also conducts private studies for individual cilents. The A. C. Nielsen Co. is continuing experiments with the Audimeter.

The number of surveys conducted by private organizations also appears to be growing. Various universities and institutions including Princeton and Columbia, Kansas State College, the Rockefeller Foundation and "Fortune" magazine have sponsored studies of radio. While the objectives of such surveys may differ from those of the commercial organizations, the results are valuable to all concerned with the habits of listeners as well as with radio's influence in American life.



## ESTHER RALSTON

### RADIO:

"We, The Abbotts" "Portia Faces Life" . . . Benton & Bowles

"Big S'ster" . . . Ruthrauff & Ryan

"Our Gal Sunday" . . . Blackett, Sample & Hummert.

### SCREEN:

"Tin Pan Alley" . . . 20th Century-Fox

"San Francisco Docks" . . . Universal

DOLAN & DOANE, INC. New York-Hollywood

### Still Growing

Radio and surveys are predestined mates. While the number of surveys conducted in broadcasting has grown rapidly, there is no indication that the peak has been reached. Instead there is every indication that the number of survevs will continue to grow.

Research—honest research -which admits its limitations, is an important factor in the growth of radio advertising. The vital question of cost per listener is told by the survey. The relative effectiveness of different time periods. different stations, different programs, different talent — different media — are told by surveys.

The sponsor who has stood at broadcasting's door, hesitant, has often been "sold" on radio through a survey. It has done more. Surveys have influenced so-called "trends" in broadcasting, they have put the seal of research approval on up-and-coming stars, have actually and impartially indicated that the public has started to tire of a star.

The survey is an impartial critic with no ax to grind. It has helped along struggling unknowns and has put them in the big-money brackets. It has "given the hook" to flops and has showed the extravagance of paying huge salaries to stars who do not draw radio audiences.

In this manner the survey also serves as an economic brake. Costs are relative to some extent, but the highly-paid, topranking star must continue to draw large audiences, or be dropped in favor of a better buy.

### Listening Trends

Many an agency with a successful record in radio owes part of this leadership to shrewd analyses of listening trends as indicated by surveys. And on more than one occasion, the sad but true story told by graphs and charts has convinced sponsors that they are not showmen and had better return to their desks and leave show business to their agencies.

Several types of surveys are in gen-

eral use to determine

(1) Quantitative measurement, pertaining to the number of sets, coverage, etc.;

(2) Qualitative measurement, including the number of listeners, their likes and dislikes, etc.;

(3) Sales effectiveness.

Among the survey methods used to determine qualitative facts which are in increasing demand are the: coincidental, mechanical recording devices, recall and roster. The coincidental survey offers a mechanically-accurate method of measuring by minutes the station or programs

to which the set is tuned. The recall method offers a measurement of the total number of set owners who listen consciously, while with the roster method, the informant is given a printed list of names of programs which he might have heard. He is asked to check off those he has

### **Functions**

Among the functions of a survey, ac-

cording to the CAB, are:

(1) To enable the sponsor to determine the best day and hour, wherever there is a choice:

(2) To follow the trend in program

audience by types;

(3) To purchase talent advantageously by comparing performances on different programs;

(1) To decide whether a given season

should be kept or dropped;

(5) To make comparisons of day and evening broadcasting;

(6) To compare differences of audiences as to sections of country, population groups, and income levels:

(7) To learn where most important competition is and thus find desirable time to buy;

(8) To learn by studies of leaders and laggers what makes a good program.

The function of a program survey. according to C. E. Hooper, is to "establish a trustworthy comparative measurement of audience size between all radio programs." Such measurements "must be based on the consistent use of the same method—the identical words in every interview." These are the questions asked by interviewers representing this

(1) "Were you listening to your radio

just now?'

(2) "To what station are you listening ?..

(3) "What program is coming over that station now?"

(1) "What advertiser puts on that program?"

The importance of the base used in establishing ratings is also stressed. Ratings supplied "must be uniformly computed against the same base. The only uniform base in use in all radio research which is literally comparable between all areas of the country, all parts of the day, all kinds of weather, and all seasons of the year, is 'Total Homes Called', is said. To qualify as "Total Homes Called," every number dialed must be included in the computation, according to this research executive. The only numbers dropped are "Disconnects." "Busys" and "Refusals" are included in the base and pro-rated in the ratings because they are "At Homes."

### Independents Look to Future

HAROLD A. LAFOUNT

President, National Independent Broadcasters, Inc.

NEVER before in radio history have independent broadcasters so thoroughly represented local thought and culture as at present. Their place in the radio picture has always been appreciated, but not nearly to the same extent as at present.

The great national chains with approximately 400 affiliated stations do a grand national job, but it must be remembered that each show is carried by from 50 to 120 member stations so that 400 chain stations may have only 4 programs or one on each chain.

In contrast, think of the 400 independent stations presenting 400 different programs every hour they operate and each one calculated to serve and please the listeners in their particular location.

These independent stations are used by schools, universities, churches, clubs, societies and other groups and play a very important part in the civic and political activities of their communities. They develop local talent, employ local engineers, sales people, announcers. The independent

station is the voice of its community  $\varepsilon$ nd as such is a vital force in community life.

When a local group broadcasts, hosts of friends and neighbors forsake other shows to tune in. Local news and market quotations, music and other programs build a loyal and steady local audience.

Among the most resourceful men and women in America will be found those undertaking the enormous task of rendering public service through independent broadcasting stations. Not bewildered by increasing problems, the local broadcastir donates much of his time and most of his income intelligently solving various complicated problems as they appear until at this date he commands the largest day audience and a substantial number of night listeners.

His efforts are now definitely producing results and he starts each year with a determination to cooperate with government, state, and local officials and all others who offer constructive suggestions to the end that his station may become a vital factor in molding public opinion and

rendering a service to his public.

### A MARKET WITHIN A MARKET ...

Yours for the Asking!

2,500,000 CONSUMERS . . . the Jewish population of Greater New York

12 YEARS OF EXPERIENCE AND TESTED SERVICE

give you the BEST APPROACH to JEWISH BUYING POWER . . . 30% of the Greater New York Market.

A DVERTISERS' Broadcasting Company . . . specializing in the art of appealing and selling to the Jewish people . . . young and old . . . the whole family.

We plan and produce Jewish radio programs in either Yiddish or English—affording the MARKET COVERAGE that brings RESULTS! Advertisers' Broadcasting Company cooperates with advertising agencies to produce the best results for their Clients.

Telephone us or drop us a line. We'll be glad to send you your copy of "A MARKET WITHIN A MARKET"

### **ADVERTISERS' BROADCASTING CO., Inc.**

117 West 46th Street

BRyant 9-1176

New York, N. Y.

## LOCAL SELLING OF A NATIONAL KEY STATION

Arthur Hull Hayes

General Manager Station W.1BC

"HOW do you sell a network's key station locally?" That's a question put to me frequently in the last four years—ever since CBS' key station, WABC, organized itself to sell time to advertisers interested in reaching WABC's market on a local basis. And always, the tone in which the question was asked has implied that in some basic, major respect, selling a network's key other station on a local basis.

It isn't!

You don't merely sell it on the prestige it has acquired by its unique position as a network key outlet (though the underlying reasons for that prestige are, of course, selling tools). You don't merely sell it on the quality of its network programs (though the high degree of regular listening which the audience accords the station because of those programs is an invaluable selling aid).

### Specific Selling

In the final analysis, you do sell it for only one reason. Its ability to produce results, during local broadcast periods, for local advertisers. Just as every other radio station in the country stands or falls by that criterion, so too does the key station. Granted that "key outlet" status imparts certain basic advantages to a station. They become real advantages to the local advertiser only when the station uses them to do a specific selling job for that advertiser.

for that advertiser.

Certainly WABC has found this to be true. See what has happened—and how it happened—to the sale of early-morning time on WABC during these four

years:

As of January 1, 1941, WABC had 19 advertisers sponsoring programs on a local basis before 9:00 A.M. Four years ago there were none. The record of how

WABC has built its early-morning audience to the point where these 19 advertisers find their WABC campaigns successful is a dramatic radio story. Yet were you to see it in a day-by-day recital, there would be little obvious drama in it.

### Early Hours

When WABC began selling time locally, it was immediately recognized that broadcast periods before 9:00 A.M. were potentially valuable to commercial spon-But only potentially. In other large cities, early-morning commercial broadcasting had been an established practice for years. But in New York City only one of the four 50,000-watt stations carried sponsored programs before 9:00 A.M. The other three had not made this time available for sponsorship, and signed-on only a short while before the start of the network schedule. Yet these early-morning periods could attract audiences. They were, therefore, far more desirable for many advertisers than any periods which might be available at any time during the day. One of WABC's main jobs, for that reason, was to develop the early-morning audience to a salable size and constancy of listening.

To do the job, a local WABC program

To do the job, a local WABC program department was developed, where none had existed before. And here, I think, is a good example of where WABC turned a basic potential advantage into a real one. WABC drew upon network program department personnel for its own local department. George Allen, who for two years had been a leading network director, after more than a decade in the industry as an agency radio executive, came to WABC as program director. From the first, therefore, WABC's local programs have conformed to network standards. And profited thereby! Under Allen's direction, WABC has built such outstanding early-morning programs as "Morning Almanac." "Rising Son," "Woman's Page of the Air," and many others. Each of them uphold—in talent, script and direction—the entertainment standards of network programs.

Thus, a potential audience which includes 14 per cent of all of America's radio homes now had available an entiring program schedule in early-morning bours.

Did they all immediately become early-morning listeners? No, of course not. But the growth of the early-morning audience in and around New York has been unmistakeable. We have measured it year-by-year since 1937. We have watched it expand at a rapid rate. Today, some of radio's most advantageous buys for advertisers at any time of the day or night exist right within those early-morning periods.

Audience Response

I've made that statement to many advertisers. Some of them have met it with obvious surprise and not-too-well concealed incredulity. But the essential truth of it can be proved. Bear in mind the real measure of an advantageous buy in radio advertising. It isn't size of audience alone. It's audience size in relation to advertising costs! Early-morning periods, remember, are lower in cost than daytime and evening periods. So simple arithmetic will indicate whether or not an advertiser is buying as much audience per dollar expended at 7:30 in the morning as at some afternoon or evening period which, on the surface, seems more desirable. And simple arithmetic has proved the case for early-morning broadcasting on many occasions.

This isn't a dissertation on radio statistics, or costs. If it were, I might use bar charts, survey figures, and equations to illustrate my point. There is another method by which I can make it clear. It's less precise than a statistician's sliderule, but much more common in the experience of all of us who work in radio. Let's look at the record of a few advertisers who have invested in early-morning broadcasting on WABC.

### The Record

The Krug Baking Company started on WABC January 8th, 1940, on the "Woman's Page of the Air." Krug delivers to the home, making no sales through retail outlets. Krug route men reach the listeners' homes on their daily call during the morning and afternoon. So aside from all factors of lower costs. Krug finds it most advantageous to reach an audience in the early-morning. Obviously, broadcasting at a later period of the day could not achieve this goal. This advertiser would have to depend almost entirely on the carry-over effect of his broadcasts if his program reached its audience during the afternoon or evening. With early-morning broadcasting he combines long-range selling with immediate selling appeals.

Or take another case, that of the Melville Shoe Company, which manufactures shoes and sells them through its own retail outlets (the Thom McAn shoe stores) throughout the area covered by WABC. Thom McAn Shoes were first advertised over WABC on December 5, 1938 on a 15-minute news program broadcast from 7:45 to 8:00 A.M. Today, more than two years after that initial broadcast, Thom McAn shoes are still being advertised over WABC at that same time, with the same program. And shortly before the end of 1940 the contract was renewed for a third consecutive 52-week period of

broadcasting.

I am convinced that this early morning campaign on WABC is more productive of successful results than broadcasting at any other time of the day would have been. Reaching listeners before they leave home in the morning means that Thom McAn can successfully combine institutional appeals with immediate sales appeals. Greater stress in the commercial copy can be placed upon buying today such low cost items as socks, stockings and slippers. And yet, the customer, although he has come into the store for a small purchase, also has been sold in advance on the quality of the shoes themselves. Thus, the program is doing a double job—more easily and more effectively. I think, because it is broadcast in the early morning.

Many experiences such as the two indicated here have convinced us that we were correct, when WABC first began the sale of time for local sponsorship, in setting the development of the early-morning audience as one of our chief goals. We have thereby created for WABC a new potential of sales and profits which never before existed.

### **Network-Trained Personnel**

But to return to the original question. Our position as the key station of CBS has, of course, influenced our thinking and action frequently. The same consideration which was observed in the selection of a program director for the station, for instance, has been a guide in the subsequent executive additions to WABC's staff for publicity, sales promotion and sales service departments. In each case these jobs have been filled by network-trained personnel. And that means that the functioning of these departments is on a plane which agency and advertiser, alike, had come to associate with WABC because it is a network key station.

And because every listener tends to think of a network in terms of the station on that network which he hears regularly, it isn't entirely accurate, I suppose, to say that you don't sell a network's key station on the basis of its network programs, or network prestige. After all, agency men and advertisers are listeners, as well as buyers. And a very significant portion of all of them in America live right here in New York, and listen to WABC when they want to hear CBS programs.

No, come to think of it, you sell any station—even a key outlet—on its ability to produce results. But the prestige of stature and programing which inevitably attaches itself to a key outlet help considerably.

\* \* \* \* \* \*

## **NEWS SERVICES**

International News Service
New York—235 East 45th Street
Executives
President Joseph V. Connolly Editor-In-Chief Barry Faris News Editor Leo Dolan Sales Manager Walter E. Moss
Press Association, Inc. (Associated Press) New York—50 Rockefeller Plaza
Executives William I McC heiden
General Manager
Radio News Association
New York—521 Fifth Avenue
Executive
PresidentFrederick M. Harmon
Transradio Press Service, Inc.  New York—521 Fifth Avenue
-
Executives President
Vice-President Dixon Stewart Vice-President W. G. Quisenberry Editor Dixon Stewart General Sales Manager Sims Guckenheimer
United Press Associations  New York—220 East 42nd Street
Executives
President

## FURGASON & WALKER

Radio Station Representatives

7

OFFICES:

CHICAGO—State 5262
NEW YORK—MU. 6-9151
SAN FRANCISCO—Douglas 4475
LOS ANGELES—Granite 1726
SEATTLE—Elliot 6662

KANSAS CITY—Grand 0810

### National Foreign Language Broadcasting Service

- Pioneers in the specialized field of Foreign Language Broadcasting.
- We offer Productive Program ideas in every language.
- Pertinent Facts, Figures and capable Station Presentation.

### J. FRANKLYN VIOLA & CO

56 WEST 45th STREET NEW YORK CITY

## RADIO ADVERTISING CORPORATION

STATION REPRESENTATIVES

Giving a service of personalized selling to a selected group of stations.

9 EAST 40th STREET • NEW YORK CITY

CHICAGO

CLEVELAND

SAN FRANCISCO

## ☆ RADIO STATION ☆ REPRESENTATIVES

Radio station representatives have been responsible in no small measure for the phenomenal growth of broadcasting in the past two decades. Their cumulative efforts in selling both spot and network time to national and regional advertisers, in servicing agencies and in supplying pertinent information, availabilities and other data, have contributed much to the industry which, because of its national characteristics, depends on the station representative to perform a most valuable and indispensable service. The listing that follows is as of February 1, 1941.

### ADAMS & ADAMS

110111-10 @ 110111-10	
New York—11 East 44th St	2-6148
John T. Adams, J. Trevor Adams, Jr.	
Stations—KFOX, Long Beach, Calif.; WTAL, Tallahassee, Fla.; KCMO,	
Kansas City, Mo.; WMBO, Auburn, N. Y.; WGNC, Gastonia-Charlotte,	
N. C.; WHBQ, Memphis, Tenn.; KVNU, Logan, Utah; The North Central	
Broadcasting System (KATE, Albert Lea, Minn.; KWNO, Winona, Minn.;	
KGDE, Fergus Fall, Minn.; WDSM, Superior, Wisc.; KVOX, Moorehead-	
Fargo, N. D.; KRMC, Jamestown, N. D.; KOVC, Valley City, N. D.; KDLR,	
Devil's Lake, N. D.; KLPM, Minot, N. D.; KGCU, Mandan-Bismarck, N. D.;	
KABR, Aberdeen, S. D.)	

### ALL AMERICAN NEWSPAPER REPRESENTATIVES, INC.

	Representative)
New York-420 Lexington Ave	MUrray Hill 5-6515
Edwin Seymour, Vice-President.	
Bogota, Colombia	
M. Garcia Pena President	

Stations—All stations in Colombia, South America.

#### 

.... 92-266 arine 9542

3325

### ASSOCIATED BROADCASTING CO., LTD.

Montreal—Dominion Square Bldg. Belair
M. Maxwell, President; M. Feldman, Vice-President; G. Ticktin, SecretaryTreasurer; L. Chodos, Sales Director; M. Krushen, Program Production;
J. Fuller, Script Director; J. Winter, Talent Director; J. O. Denis, French
Director; R. Desrochers, French Scripts; J. Feldman, Recording Department.

ASSOCIATED RADIO MARKETS	
Minneapolis—914 Northwestern Bank Bldg	3774
BERTHA BANNAN (New England Representative*)	
Boston—538 Little Bldg., Bertha Bannan	4370
*Stations represented on a regional basis in New England only.	
I. BECK. INC.  New York—331 Fourth Ave., Irving Goldman, Vice-President	5-2947
WALTER BIDDICK COMPANY	
Los Angeles—568 Chamber of Commerce Bldg	6184
San Francisco—1623 Russ Bldg., Myron Sparrow, Manager	5415
R. J. BIDWELL COMPANY	
San Francisco—681 Market St., R. J. Bidwell, President-Treasurer	0947 3746
JOHN BLAIR & COMPANY	
Chicago—520 N. Michigan Avenue	8660
New York City—3/1 Madison Avenue	9-608-í
Detroit—New Center Bldg., R. H. Bolling	7889 3548 3188 4154

BOGNER & MARTIN	
New York—295 Madison Ave	4-6698
P. Joseph Bogner, John P. Martin.	1 0070
Chicago—540 N. Michigan Ave., Frank R. Buck, Manager Delaware Stations—WHDF, Calumet, Mich.; WJMS, Ironwood, Mich.; WATW,	1055
Ashland, Wisc.  THE BRANHAM COMPANY	
New York—230 Park Avenue	6-1860
Chicago—360 N. Michigan Avenue	5726
Detroit—General Motors Bldg., Harry Anderson	2-8569
Atlanta—Rhodes Haverty Bldg., J. B. Keough	4851 6192
Kansas City—Board of Trade Bldg., G. F. Dillon	1023
San Francisco-5 Third St., George D. Close	6740
Los Angeles—448 S. Hill St., J. H. Hornung	1269
Portland—370 Pittock Block, Fred Ivey	8657
Charlotte, N. C.—612 Commercial National Bank Bldg., H. L. Ralls Charlotte	9193 8839
Stations—KWKH, Shreveport, La.; KTBS, Shreveport, La.; KBIX, Muskogee,	,
Okla.; WTJS, Jackson, Tenn.; WNOX, Knoxville, Tenn.; WMC, Memphis,	
Tenn.; KRLD, Dallas, Texas; KXYZ, Houston, Texas; KRIS, Corpus Christi, Texas; West Virginia Network (WCHS, Charleston; WPAR, Parkersburg;	
WBLK, Clarksburg).	
BROADCASTING ABROAD, LTD.	
(Latin America Representative)  New York—119 West 57th Street	
New York—119 West 57th Street	7-4161
Buenos Aires—Av. Roque Saenz Pena 567, Harold Yale Rose.	
Sao Paulo-Av Sao Joao 1285, Olavo de Castro Fontoura.	
Havana—Edificio Nova Scotia, Guido Garcia Inclan.	
Tampico—Madero Num. 102, Wendell Cox. Stations—in Argentina, Bolivia, Brazil, British West Indies, Chile, Colombia,	
Costa Rica, Cuba, Dominican Republic, Ecuador, Salvador, Guatemala, Hon-	
duras, Mexico, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Uruguay,	
Venezuela.  HOWARD C. BROWN COMPANY	
Hollywood—6418 Santa Monica Blvd	6045
Stations—3XY, Melbourne, Australia; 2UE, Sydney, Australia; National Commercial Broadcasting Service (5 stations), New Zealand; Legionnaire Transcription Co., Melbourne, Australia; Amalgamated Wireless Transcription Co., Sydney, Australia.	0017
BURN-SMITH COMPANY, INC.	
New York-405 Lexington Ave., C. Otis Rawalt	4-6947
Chicago—307 N. Michigan Ave., John A. Toothill, President	4270
Detroit—New Center Bldg	3350
Atlanta—663 Boulevard, N. E	9012
geles, Calif.; WRUF, Gainesville, Fla.; WRDW, Augusta. Ga.; WTAX,	
Springfield, Ill.; WGRC, Louisville, Ky.; WTBO, Cumberland, Md.; WELL,	
Battle Creek, Mich.; WFDF, Flint, Mich.; WKBZ, Muskegon, Mich.; KGVO, Missoula, Mont.; WAAT, Jersey City, N. J.; WFTC, Kinston, N. C.; WMFD,	
Wilmington, N. C.; WKST, New Castle, Pa.; WOPI, Bristol, Tenn.; KMAC,	
San Antonio, Texas; WCHV, Charlottesville, Va.; WFVA, Fredericksburg,	
Va.; KXA, Scattle, Wash.; Southern Network (WKRC, Cincinnati, Ohio; WGRC, Louisville, Ky.; WSIX, Nashville, Tenn.; WLAP, Lexington, Ky.;	
WCMI, Ashland-Huntington, Ky.)	
127	

CANADIAN BROADCASTING CORP.	
Toronto-55 York Street	<b>577</b> 1
Manager.  Montreal—1231 St. Catherine Street, West	
CAPPER PUBLICATIONS	
New York City-420 Lexington Avenue Mohawk William L. McKee, Dean A. Bailey.	
Chicago—180 N. Michigan Avenue, Felix Morris	2125
CONQUEST ALLIANCE CO., INC.	
(Latin America Representative)	
New York—515 Madison Avenue	2953
Rio de Janeiro—Edificio Odeon 710, Roberto Constantinesco, Manager	12-0945
COX AND TANZ	
Philadelphia—Drexel Building	1720
New York—535 Fifth Avenue	2-8284
Chicago—228 N. La Salle Street, Victor Caplin	2095
HARRY E. CUMMINGS	
(Southeastern Representative*)  Jacksonville, Fla.—306 Florida National Bank BldgJacksonville  Stations—WJAX, Jacksonville, Fla.; WIOD, Miami, Fla.; WFLA, Tampa, Fla.	3-0381
Stations represented on a regional basis in Southeastern United States only,	
DELISSER-BOYD, INC.	
New York—10 Rockefeller Plaza	7-1435
Chicago—180 N. Michigan Ave., W. J. Fitzpatrick Dearborn Rochester—Lincoln Alliance Bldg., Joseph R. Greenaway.	8108
Atlanta—617 Walton Bldg., F. Lacelle Williams	1678 1390
DOMINION BROADCASTING CO.	
Toronto, Canada—4 Albert Street	3383
Stations.—CJLS, Yarmouth, N. S.; CKRC, Kitchener, Ont.; CKTB, St. Catherines, Ont.; CKCH, Hull, Que.; CHLT, Sherbrooke, Que.	

### THE FOREMAN COMPANY

Chicago—Wrigley Bldg	Delaware 1869
Edwin G. Foreman, President; Robert R. Harkness, Vi	ice-President.
New York, 247 Park Ave Robert W. Criddle Vice President	FI dorado 5-0174

Stations—WIND, Chicago, Ill.; WTAX, Springfield, Ill.; WCBM, Baltimore, Md.; WLOL, Minneapolis-St. Paul, Minn.

### FORJOE & COMPANY

....Vanderbilt 6-5080 eral Manager; Kent Godfrey, National Sales Manager.

1685

-201 N. Wells St., Egmont Sonderling, Manager...... . Andover Stations-KSAN, San Francisco, Calif.; WCBD, Chicago, Ill.; WGES, Chicago, Ill.; WSBC, Chicago, Ill.; WLBC, Muncie, Ind.; WCOU, Lewiston, Me.; WJBK, Detroit, Mich.; WIBM, Jackson, Mich.; WCAP, Asbury Park, N. J.; WBRB, Red Bank, N. J.; KICA, Clovis, N. M.; WWSW, Pittsburgh, Pa.; WMOB, Mobile, Tenn.; KFRO, Longview, Texas; KONO, San Antonio, Texas; WCHV, Charlottesville, Va.

Foreign Language Station Representation—KDB, Santa Barbara, Calif.; KFAM, St. Cloud, Minn.; KFOX, Long Beach, Calif.; KFVD, Los Angeles, Calif.; KGER, Long Beach, Calif.; KGIW, Alamosa, Colo.; KLAH, Carlsbad, N. M.; KMTR, Los Angeles, Calif.; KPAB, Laredo, Texas; KQV, Pittsburgh, N. M.; KMTR, Los Angeles, Calif.; KPAB, Laredo, Texas; KQV, Pittsburgh, Pa.; KSAN, San Francisco, Calif.; KYOS, Merced, Calif.; WARD, Brooklyn, N. Y.; KONO, San Antonio, Texas; WATR, Waterbury, Conn.; WAZL, Hazleton, Pa.; WBBC, Brooklyn, N. Y.; WBNY, Buffalo, N. Y.; WBRE, Wilkes-Barre, Pa.; WCBD, Chicago, Ill.; WCOP, Boston, Mass.; WDAS, Philadelphia, Pa.; WDEV, Waterbury, Vt.; WEBC, Duluth, Minn.; WEDC, Chicago, Ill.; WEEU, Reading, Pa.; WELI, New Haven, Conn.; WSAY, Rochester, N. Y.; WSBC, Chicago, Ill.; WSBT, South Bend, Ind.; WTEL, Philadelphia, Pa.; WEMP, Milwaukee, Wisc.; WEVD, New York, N. Y.; WEW, St. Louis Ma.; WEAM, South Bend, Ind.; WFEA, Manchester, M. H.; WEW, St. Louis, Mo.; WFAM, South Bend, Ind.; WFEA, Manchester, N. H.; WGAR, Cleveland, Ohio; WGBI, Scranton, Pa., WGES, Chicago, Ill.; WHBQ, WGAK, Cleveland, Uhio; WGBI, Scranton, Pa.; WGES, Chicago, Ill.; WHBQ, Memphis, Tenn.; WHLD, Niagara Falls, N. Y.; WHOM, Jersey City, N. J.; WIBX, Utica, N. Y.; WIND, Gary, Ind.; WJBK, Detroit, Mich.; WJMS, Ironwood, Mich.; WJW, Akron, Ohio; WKBN, Youngstown, Ohio; WKST, New Castle, Pa.; WMBC, Detroit, Mich.; WMFF, Plattsburg, N. Y.; WNBH, New Bedford, Mass.; WNLC, New London, Conn.; WPEN, Philadelphia, Pa.; WSAR, Fall River, Mass.; WSAU, Wassau, Wisc.; WTOL, Toledo, Ohio; WVFW, Brooklyn, N. Y.; WWRL, Woodside, N. Y.; WWSW, Pittsburgh, Pa Pa.

### FREE & PETERS, INC.

(and Free, Johns & Field)	
New York—247 Park Avenue	5-4131
H. Preston Pcters, Vice-President; Russel Woodward, Sales Manager; C.	
Terence Clyne, Ewart M. Blain, Edward H. Benedict, William A. Chalmers.	
Chicago-180 N. Michigan AvenueFranklin	6373
James L. Free, President; L. H. Avery, Arthur J. Barry, Jr., J. W. Knodel,	
Arthur McCoy.	
Atlanta—322 Palmer Bldg., James M. Wade	5667
San Francisco—111 Sutter Street, A. Leo BowmanSutter	4353
Detroit—New Center Bldg., Charles G. BurkeTrinity	
Los Angeles -650 South Grand Ave., Hal W. Hoag	0569
Stations—KECA, Los Angeles, Calif.; KROW, San Francisco-Oakland, Calif.;	
WMBD, Peoria, Ill.; WOC, Davenport, Ia.; WHO, Des Moines,	
Ia.; KMA, Shenandoah, Ia.; WAVE, Louisville, Ky.; WTCN, Minne-	
apolis, Minn.; KMBC, Kansas City, Mo.; KSD, St. Louis, Mo.; WGR-	
WKBW, Buffalo, N. Y.; WFBL, Syracuse, N. Y.; WPTF, Raleigh, N. C.;	
WDBJ, Roanoke, N. C.; WDAY, Fargo, N. D.; WCKY, Cincinnati, Ohio;	
KOMA, Oklahoma City, Okla.; KTUL, Tulsa, Okla.; KOIN-KALE, Portland,	

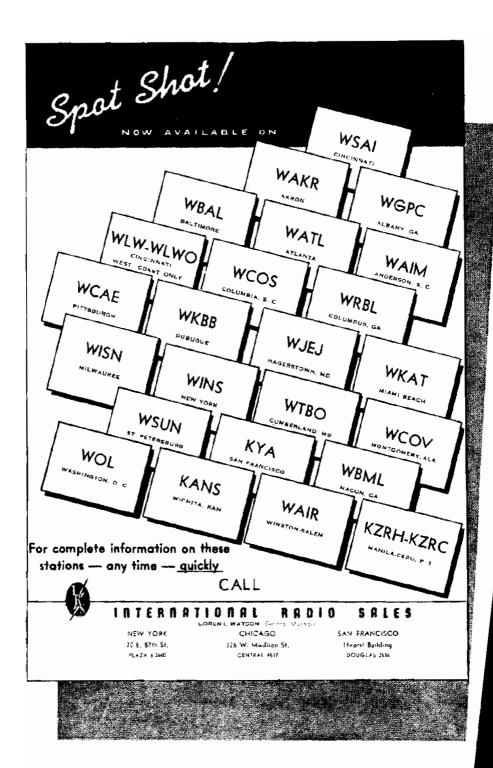
Texas; KIRO, Seattle, Wash.

Orc.; WCSC, Charleston, S. C.; WIS, Columbia, S. C.; KGKO, Fort Worth,

#### REPRESENTATIVES STATION

FURGASON & WALKER, INC.	
Chicago—360 North Michigan Ave	5262 1726 6662 4475 6-9151 0810
NORMAN B. FURMAN, INC.  New York—117 West 46th St	4-0130
Norman Forman, President; Mildred Blumberg, Secretary.	
HOMER OWEN GRIFFITH & ASSOCIATES	1736
Hollywood—6362 Hollywood Blvd. Granite Homer Griffith, James Gibson.  San Francisco—681 Market St., Gordon Heater. Douglas Seattle—White Bldg., Hal Pearce Eliot Stations—KJBS, San Francisco, Calif.; KID, Idaho Falls, Ida.; KSEI, Pocatello, Ida.; KTFI, Twin Falls, Ida.; KLAH, Carlshad, N. M.; KBKR, Baker, Orc.; KSUB, Cedar City, Utah; KWYO, Sheridan, Wyo.; KTOH, Lihuc, T. II.; Stations on the Furgason & Walker, Inc. and Howard H. Wilson Co. lists functioning as the west coast division for both firms.	1726 4475 6662
MELCHOR GUZMAN COMPANY, INC.	
New York—9 Rockefeller Plaza, A. M. Martinez	7-2450

ARTHUR H. HAGG & ASSOCIATES, INC.	
Chicago—360 N. Michigan Ave	7553 2 <b>.</b> 8865
Kansas City, Mo.—Dwight Bldg., Harold Benight, Manager. Victor  Denver—1863 Wazee St., Jack Perry, Manager. Keystone  Omaha—300 Brandeis Theatre Bldg., Frank P. Samuels, Manager Jackson  Minneapolis—P. O. Box 2554, S. Robert O'Brien, Manager Kenmore  Oklahoma City—2715 N. W. 12th St., Ted McCorkhill, Manager	5333 2371 7319 0753
Stations—KGNO, Dodge City, Kans.; Oklahoma Network; KADA, Ada, Okla.; KCRC, Enid, Okla.; KBIX, Muskogee, Okla.; KTOK, Oklahoma City, Okla.; KGFF, Shawnee, Okla.; KOME, Tulsa, Okla.	J-1212
HEADLEY-REED COMPANY	
New York—420 Lexington Ave	
Chicago—180 N. Michigan Avc. Franklin Dwight S. Reed, Vice-President; John H. Wrath.	4686
Detroit—New Center Bldg., Harry H. Walsh	9444 0864
HOMER HOGAN	
Chicago—410 N. Michigan Ave., Homer Hogan	
GEORGE P. HOLLINGBERY CO.	
Chicago—307 N. Michigan Avenue	2898 3-8078
F. E. Spencer, Jr., Manager; Robert Davies, Donald A. Donahue, Harry Betteridge.	
Detroit—Park & Adams Street, Fred F. Hague, Manager	
INLAND BROADCASTING SERVICE	
Winnipeg, Man.—171 McDermot Ave	92-532
Stations—CFCN, Calgary, Alta.; CFRN, Edmonton, Alta.; CJOR, Vancouver, B. C.; CKPR, Fort William, Ont.; CFQC, Saskatoon, Sask.; CJGX, Yorkton, Sask.	



INTERNATIONAL RADIO SALES	
New York—20 East 57th Street	8-2600
Arthur H. Sherin, Jr.; Peggy Stone, Research & Sales Promotion; Genevieve Dessart, Sales Service.	4547
Chicago—326 W. Madison Street	
Sun Francisco—Hearst Bldg., John Livingston, Manager	2536
THE KATZ AGENCY, INC.	
New York City—500 Fifth Avenue	
Chicago—307 N. Michigan Avenue	4238
Detroit—General Motors Bldg	2-7685
Kansas City—Bryant Bldg	7 <b>095</b>
Atlanta—22 Marierta Street Bldg.,	4795
Dallas—Republic Bank Bldg., Frank Brimm	
San Francisco—Monadnock Bldg	7498
JOHN KEATING	
Portland, Ore.—Studio Bldg	1009
*Represented on regional accounts only.  KMPC, THE STATION OF THE STARS, INC.	
New York-101 Park Ave., Lloyd George Venard, Eastern Representative MUrray Hill Stations-KMPC, Los Angeles, Calif.	5-9249
JOSEPH HERSHEY McGILLVRA	
New York—366 Madison Avenue (Main Office)	2-8755

Chicago—919 North Michigan Avenue	3444
Los Angeles—445 Western Pacific Bldg., Philip Bissell, Manager	5319
San Francisco—627 Mills Building, Duncan A. Scott, Manager	1393
Toronto—Metropolitan Building	4429
C. W. Wright, Manager; Walter Enger	772)
Montreal—Confederation Bldg., A. McDermott, Manager	3145
Stations—KARM, Fresno, Calif.; KJBS, San Francisco, Calif.; WBRY, Water-	,114)
hury, Conn.; WMEX, Boston, Mass.; WHAI, Greenfield, Mass.; WSOO,	
Sault Ste. Marie, Mich.; WEW, St. Louis, Mo.; KGFW, Kearney, Nebr.	
WLNH, Laconia, N. H.; WTNJ, Trenton, N. J.; KUTA, Salt Lake City,	
Utah; WSVA, Harrisonburg, Va.; KINY, Juneau, Alaska; WNEL, San Juan,	
Puerto Rico; CFCN, Calgary, Alta.; CFRN, Edmonton, Alta.; CJOR, Van-	
couver, B. C.; CKX, Brandon, Man.; CKY, Winnipeg; CKCW, Moncton,	
N. B.; CHSJ, Saint John, N. B.; CKPR, Ft. William, Ont.; CFPL, London,	
Ont.; CKCO, Ottawa, Ont.; CFOS, Owen Sound, Ont.; CFRB, Toronto, Ont.;	
CKCL, Toronto, Ont.; CKLW, Windsor, Ont.; CKAC, Montreal, Que.; CHRC,	
Quebec, Que.; CJBR, Rimouski, Que.; CHGB, Stc. Anne de la Pocatiere,	
Que.; CJRM, Regina, Sask.; CJGX, Yorkton, Sask.; CFQC, Saskatoon, Sask.;	
XEW & XEQ, Mexico City, Mexico.	
J. P. McKINNEY & SON, SPECIAL AGENT	
New York City—30 Rockefeller Plaza, N. L. O'Brien	7 1170
Chicago—400 N. Michigan Avenue, Ray Davis, C. W. ErwinSuperior	9866
San Francisco—681 Market Street	5333
Stations—WTHT, Hartford, Conn.; WDAN, Danville, Ill.; WOKO, Albany,	7555
N. Y.; WABY, Albany, N. Y.; WENY, Elmira, N. Y.; WHDL, Olean, N.	
Y.; WRAK, Williamsport, Pa.	
NATIONAL BROADCASTING COMPANY	
(National Spot and Local Sales Division)	<b>-</b> 0200
New York City—30 Rockefeller Plaza	/ <b>-</b> 8300
James V. McConnell, National Spot and Local Sales Manager; W. O.	
Tilenius, Assistant Manager.  Boston—Bradford Hotel, Elmer Kettel	4261
Cleveland—815 Superior Ave., N. E., Donald G. Stratton	0942
Chicago—Merchandise MartSuperior	8300
Maurice M. Boyd, Manager; Oliver Morton.	0,000
Denver—1625 California Street, Lloyd oder	6211
Hollywood—Sunset Blvd. & Vine St., Sidney Dixon	6161
San Francisco—111 Sutter Street, Glenn TicerSutter	1920
Stations—KPO, San Francisco, Calif.; KGO, San Francisco, Calif.; KOA,	
Denver, Colo.; WRC, Washington, D. C.; WMAL, Washington, D. C.,	
WENR, Chicago, Ill.; WMAQ, Chicago, Ill.; WGL, Fort Wayne, Ind.;	
WOWO, Fort Wayne, Ind.; WBZ-WBZA, Boston-Springfield, Mass.; WEAF,	
New York, N. Y.; WJZ, New York, N. Y.; WGY, Schenectady, N.	
Y.; WTAM, Cleveland, Ohio; KYW, Philadelphia, Pa.; KDKA, Pittsburgh,	
Pa. NEW ENGLAND RADIO ADVERTISING	
Boston-507 Statler Bldg	3225
Ralph C. Foster, Manager; Gertrude Saxe, Secretary.	5
*Stations—WDRC, Hartford, Conn.; WELI, New Haven, Conn.; WABI,	
Bangor, Me.; WGAN, Portland, Me.; WSAR, Fall River, Mass.; WHAI,	
Greenfield, Mass.; WNBH, New Bedford, Mass.; WBRK, Pittsfield, Mass.;	
WESX, Salem, Mass.; WSPR, Springfield, Mass.; WORC, Worcester, Mass.;	
WFEA, Manchester, N. H.; WHEB, Portsmouth, N. H.; WPRO, Providence,	
R. I.; WCAX, Burlington, Vt.	
Represented on regional accounts only.	
NORTHERN BROADCASTING & PUBLISHING, LTD.	
Timmins, Ont.—Thomson Bldg	1500
Roy Thomson, President; Jack K. Cooke, General Manager of Broadcasting	
Division.	
Toronto-305 Victory Bldg., J. Reg Beattie, Manager Elgin	2464
Stations—CJKL, Kirkland Lake, Ont., CFCH, North Bay, Ont.; CKGB, Tim-	
mins, Ont.; CKVD, Val D'Or, Que.	

NORTHWEST RADIO ADVERTISING CO., INC.  Seattle—American Bldg	5488
Edwin A. Kraft, President-General Manager; W. L. Paul, Assistant Manager. Station—KINY, Juneau, Alaska.	
PAN AMERICAN BROADCASTING COMPANY	
(Latin-American and Philippine Station Representative)	
Now York City 220 M. Liver Asset F. B. and M. M. Miller Will.	2.0011
New York City-330 Madison Avenue, E. Bernald, ManagerMUrray Hill	
Chicago—228 North La Salle St., F. R. Jones, Manager	<b>509</b> 6
Cleveland—1635 East Twenty-Fifth St., Alonzo Hawley	2922
JOHN H. PERRY ASSOCIATES	
New York City-225 West 39th StreetBRyant	0-3357
William K. Dorman, Manager; W. T. Kelly, H. H. Hatchette.	1 3371
Chicago—122 S. Michigan Avenue, O. J. Ranft, Manager	8085
Corago—122 S. Michigan Avenue, O. J. Kantt, Manager	
Detroit—7338 Woodward Avenue, J. J. Higgins, Manager	0790
Atlanta-406 Chamber of Commerce Bldg., R. S. Kendrick, ManagerWalnut	3443
Philadelphia—1524 Chestnut St., M. S. Lewin	0886
Stations—WALA, Mobile, Ala.; WMFJ, Daytona Beach, Fla.; WJHP, Jack-	
sonville, Fla.; WTMC, Ocala, Fla.; WDLP, Panama City, Fla.; WCOA, Pensa-	
cola, Fla.; WCMI, Ashland, Ky.; WLAP, Lexington, Ky.	
Take the state of	
EDWARD PETRY & COMPANY, INC.	
New York City—17 East 42nd Street	2-4401
Edward Petry, President; Henry Christal, Secretary-Treasurer; Lawrence	
Field, Henry Ringgold, Albert Young, Jr., Mason McGuire, Norman Prouty,	
Lloyd George Venard, Volney F. Righter, Francis Conrad.	
Chicago—400 N. Michigan Avenue Delaware	8600
Edward Voynow, Vice-President; John Ashenhurst, Robert Boneil, James	
L. Thompson.	
Detroit—General Motors Bldg	1035
William Commission Labor W. Drooks	10,55
William Cartwright, John W. Brooke.	/010
San Francisco-111 Sutter Street, Earle H. Smith	4010
Los Angeles-601 W. 5th Street, Chester MatsonMichigan	8729
St. Louis-Southwestern Bell Telephone Bldg., George KercherGarfield	5194
Stations—KARK, Little Rock, Ark.; KFI, Los Angeles, Calif.; KSFO, San	
Francisco, Calif.; KVOD, Denver, Colo.; WICC, Bridgeport, Conn.; WSB,	
Atlanta, Ga.; KFH, Wichita, Kans.; WHAS, Louisville, Ky.; WSMB,	
New Orleans, La.; WFBR, Baltimore, Md.; WAAB, Boston, Mass.; WNAC,	
Boston, Mass.; WLLH, Lowell, Mass.; WMAS, Springfield, Mass.; WTAG,	
Worcester, Mass.; WJR, Detroit, Mich.; KSTP, St. Paul, Minn.; WDAF,	
Kansas City, Mo.; KFAB, Lincoln, Nebr.; KOIL, Omaha, Nebr.; WBEN,	
Buffalo, N. Y.; WGAR, Cleveland, Ohio; KVOO, Tulsa, Okla.; KEX	
Portland, Ore., KGW, Portland, Ore.; WFIL, Philadelphia, Pa.; WEAN,	
Providence, R. I.; WSM, Nashville, Tenn.; WFAA, Dallas, Texas; WBAP,	
Fort Worth, Texas; KPRC, Houston, Texas; WOAI, San Antonio, Texas;	
KSL, Salt Lake City, Utah; WTAR, Norfolk, Va.; WRNL, Richmond,	
Va.; KJR, Seattle, Wash.; KOMO, Seattle, Wash.; KGA, Spokane, Wash.;	
KHQ, Spokane, Wash.; WTM J, Milwaukee, Wisc.; Colonial Network;	
Texas Quality Network; Yankee Network.	
Texas Quality Including Talline Including	
PHILIPPINES AGENCY SERVICE CO.	
New York—33 West 42nd StPEnnsylvania	6-1485
L. H. Thibault, General Manager; R. T. Dulmage, Office Manager; R. D. Bos-	
well, Publicity Director.	
Manila, Philippine Islands—Radio Station KZRM-KZRF	2125
	رد، ـ
Francisco Velasco, Manager.	
Stations—KZRF, Manila; KZRM, Manila.	
RALPH L. POWER	
(Australian Representative)	
Los Angeles—407 Van Nuys Bldg	5617
Stations—Macquarie Broadcasting Services, Macquarie Network (21 sta-	
tions): transcription companies.	

RADIO ADVERTISING ASSOCIATES (Southeastern Representatives*)	
Atlanta—925-6 Grant Bldg., R. L. Watkins, President	1833
*Stations represented on a regional basis only.	
RADIO ADVERTISING CORP.	
New York—9 E. 40th St	3-7865
New York—9 E. 40th St	1743
Cleveland—Terminal Tower, Charles A. Stevens, Manager	5800
(A Division of the Columbia Broadcasting System)	
New York—485 Madison Avenue	2-2000
Chicago—410 N. Michigan Avenue	6000
Detroit—902 Fisher Bldg., Herbert Carlborg	2-5500
San Francisco—Palace Hotel	1700
Los Angeles—Columbia Square	1212
WILLIAM G. RAMBEAU COMPANY	
<ul> <li>Chicago—360 N. Michigan Ave., William G. Rambeau, Manager</li></ul>	5560 5-4 <b>9</b> 40
PAUL H. RAYMER CO.	
Chicago—435 N. Michigan Avenue	4473
New York—366 Madison Avenue	2-8689
Detroit—General Motors Bldg., George W. Diefenderfer	2373
Stockton, Calif.; WDRC, Hartford, Conn.; WDEL-WILM, Wilmington, Del.;	

WJJD, Chicago, Ill.; WSBT, South Bend, Ind.; WGAN, Portland, Me.; WCAO, Baltimore, Md.; Michigan Radio Network; WXYZ, Detroit, Mich.; WOOD-WASH, Grand Rapids, Mich.; KWK, St. Louis, Mo.; KOH, Reno, Nev.; WKNE, Keene, N. H.; WJTN, Jamestown, N. Y.; WHEC, Rochester, N. Y.; WSYR, Syracuse, N. Y.; WTRY, Troy, N. Y.; WEST, Easton, Pa.; WKBO, Harrisburg, Pa.; WAZL, Hazelton, Pa.; WGAL, Lancaster, Pa.; WCAU, Philadelphia, Pa.; WORK, York, Pa.; WPRO, Provinced dence, R. I.; WDOD, Chattanooga, Tenn.; WLAC, Nashville, Tenn.; KWFT, Wichita Falls, Texas; WRVA, Richmond, Va.

### VIRGIL REITER & CO.

Chicago—360 N. Michigan Ave	9493
Stations-WMCA, New York, N. Y.; WIBX, Utica, N. Y.; WCAU, Phila-	
delphia, Pa. REYNOLDS-FITZGERALD, INC.	
New York City—515 Madison Ave	5-7020
Chicago—360 N. Michigan Ave	4294
Detroit—General Motors Bldg., Richard T. Healy	4250 3839 6452 6144
Los Angeles—117 West Ninth Street, Charles E. Fisher	2474
SEARS & AYER, INC.	
Chicago—612 N. Michigan Ave	8177
New York City—565 Fifth Ave., Paul Adler, Manager	8-1312
JACK SLATTER	
Toronto, Ont.—4 Albert Street	5 <b>564</b> 7811
EDWARD S. TOWNSEND COMPANY	

2373 N. I.

### J. FRANKLYN VIOLA AND COMPANY

(Foreign Language Representative\*)
New York City-56 West 45th St., J. Franklyn Viola, President......MUrray Hill 2-0489 \*Stations represented for the broadcasting and producing of foreign language programs only.

### WEED & CO.

New York—350 Madison Avenue..... .....VAnderbilt 6-4542 Joseph J. Weed, President; Grace Walsh, Secretary.

Chicago—203 N. Wabash Avenue	7730
Detroit—General Motors Bldg., Charles M. Adell, Manager	6366 2445
WGN, INC.	
(Eastern Representative)  New York City—220 East 42nd Street	2-3033
New York—366 Madison Ave	2-1593
F. LACELLE WILLIAMS  Atlanta—617 Walton Bldg., F. Lacelle Williams, Owner	1678
S. C.; WMPS, Memphis, Tenn.; KFRO, Longview, Texas; KELA, Centralia-Chehalis, Wash.  *Stations represented on a regional basis in southern territory only.	
HOWARD H. WILSON COMPANY	
Chicago—75 East Wacker Drive	8744
New York—551 Fifth Ave	6-1230
J. F. Johns, Manager; Edward J. Devney.  Kansas City, Mo.—1012 Baltimore, George E. Wilson, ManagerGrand	1473
Sun Frantisco—681 Market St., Gordon Heater, Manager	4475 1726
WOR (Newark, N. J.)  Boston—80 Federal StreetLiberty	0437
Paul A. Belaire, Manager.  Chicago—Trihune Tower, Harold C. Higgins, Manager.  San Francisco—Russ Bldg., Edward S. Townsend.  Douglas	5110 2373

## RESEARCH

## **ORGANIZATIONS**

## THE ADVERTISING CHECKING BUREAU, INC.

538 South Clark St., Chicago, Ill.
Phone Wabash 6131
President.......W. B. Katzenberger
Western Manager.......James Watt

Branch Offices

79 Madison Ave., New York, N. Y. Phone CAledonia 5-8333

Pacific Coast Manager.......John Kendrick Services Offered: (1) Clippings and analysis of radio publicity with circulation figures and monthly summaries. (2) Checkup of radio log listing. (3) Weekly scrap-book service.

### BOOZ, FRY, ALLEN & HAMILTON

135 South La Salle St., Chicago, Ill.
Phone State 8344
285 Madison Ave., New York, N. Y.
Phone CAledonia 5-1223
Services Offered: Business Surveys.

### WALTER P. BURN & ASSOCIATES, INC.

applications.

### CANADIAN FACTS, REGISTERED

100 Adelaide St., West, Toronto, Ont., Canada Phone Adelaide 2067

General Manager......N. P. Colwell Director of Personnel. Ethel Fulford Colwell Branch Offices

Operating branches in 99 Canadian cities and towns with a total staff of 2100.

Services Offered: All types of marketing research including market coverage data, consumer studies, dealer investigations and checks on effectiveness of various media.

### PAUL T. CHERINGTON

c/o McKinsey & Co., 2 Wall Street, New York, N. Y.

Phone REctor 2-2820

Services Offered: Distribution consultant, market surveys, media studies.

### COMMERCIAL RESEARCH SERVICE

1474 Olive St., Louisville, Ky. Phone Sh. 1312W

phone surveys.

### ROBERT S. CONLON & ASSOCIATES

New York Life Bldg., Kansas City, Mo. Phone Victor 1973

Principal......Robert S. Conlon

Branch Office
Dallas, Texas

Executive-In-Charge........George Walker Services Offered: Market research; monthly surveys, radio surveys.

#### RESEARCH ORGANIZATIONS

### THE COOPERATIVE ANALYSIS OF BROADCASTING

330 West 42nd Street, New York, N. Y. Phone, MEdallion 3-3898

Manager......A. W. Lehman

Governing Committee:
D. P. Smelser, Chairman (Procter & Gamble Co.); George H. Gallup, Treasurer Gamble Co.); George H. Gamb, Treasurer (Young & Rubicam); C. H. Lang (General Electric Co.); A. Wells Wilhor (General Mills); L. D. H. Weld (McCann-Erickson); F. B. Ryan, Jr. (Ruthrauff & Ryan); A. W. Lehman, Manager.

Services Offered: CAB rates all commercial network programs, daytime as well as evening, and in addition analyzes these ratings by geographical sections, income groups, etc. It is authorized by the Association of National Advertisers and the American Association of Advertising Agencies to carry on this work which it has been doing since March, 1930.

CROSSLEY, INC.

330 West 42 St., New York, N. Y. Phone BRyant 9-5462

President... esident......Archibald M. Crossley Services Offered: Program rating, nationwide or individual area studies, general marketing consultants.

### THE REUBEN H. DONNELLEY CORPORATION

350 East 22nd St., Chicago, Ill. Phone Victory 3-3232

President......George V. Overton General Manager, Direct Mail Division, D. L. Harrington

Branch Offices

305 East 45th St., New York, N. Y. Phone MUrray Hill 4-7000

Eastern Manager, Direct Mail Division, Herbert F. Lewis

727 Venice Boulevard. Los Angeles, Calif. Phone Richmond 0221

Western Manager, Direct Mail Division, William LeGore

Services Offered: (1) Contests: contest judging service handles every detail from pick-up of contest entries at post office to the delivery of winners to the advertiser

including the creation of contests to fit advertisers' merchandising problems. (2) Premiums: premium mailing service relieves advertisers of all detail on mailed premium including the creation and selection of premiums to meet the advertisers' exact situation.

### FACT-FINDERS ASSOCIATES

444 Madison Ave., New York, N. Y. Phone El dorado 5-1600

President.....George P. Johnson Branch Offices

367 offices in United States and Canada. Services Offered: Advertising checking, brand popularity surveys, consumer surveys, checking field inventories, marketing plans, package testing, public opinion, tabulations, radio audience surveys, survey analyses, trade surveys, outdoor poster and carcard checks.

### FACTS CONSOLIDATED

68 Post Street, San Francisco, Calif. Phone Garfield 4047

President.....Roy S. Frothington Branch Office

8268 West Norton Ave., Hollywood, Calif.

Phone Granite 6403
Manager......Dorothy D. Corey Services Offered: Monthly continuing recall survey of radio programs on the Pacific coast to determine station and program preferences based on personal interviews in a properly distributed sample of radio families.; public opinion, consumer, product, brand, listening, etc., surveys.

### EDGAR FELIX

18 East 48th St., New York, N. Y. Phone PLaza 5-5052

Director..... Edgar Felix Chief Field Engineer......L. C. Skipper Statistician...............................J. Murray Services Offered: Radio coverage reports

(coverage and service areas of broadcasting stations).

### RESEARCH ORGANIZATIONS

### ROY S. FROTHINGHAM

111 Sutter Street, San Francisco, Calif.
Phone, Douglas 2445
Services Offered: Sales and advertising research; market and product studies; radio-program preference surveys.

### HERMAN S. HETTINGER

1537 Spruce St., Philadelphia, Pa. Phone, Evergreen 9857 Services Offered: Marketing consultancy on broadcasting, station research, etc.

### C. E. HOOPER, INC.

II. G. Boyd Technical Director on Special Studies,

Dr. M. N. Chappell Services Offered: Radio audience and listening survey specialists, publishers of monthly "Hooper Radio Reports"—(National daytime programs, national evening programs, regional sets-in-use reports, regional program ratings, station audience reports, radio sales effectiveness reports, etc.)

### HOOPER-HOLMES BUREAU

102 Maiden Lane, New York, N. Y.
Phone WHitehall 3-9700
Director of Research......Chester E. Haring
Branch Offices
83 Offices Throughout
United States and Canada

### IRWIN & IRWIN

Services Offered: Commercial research.

### JOINT COMMITTEE ON RADIO RESEARCH

(cooperative AAAA, ANA & NAB survey)
420 Lexington Ave., New York, N. Y.
Phone MOhawk 4-7982

Chairman ......John Benson

### HELEN KING

17 East 48th St., New York, N. Y. Phone, Wickersham 2-1127

Services Offered: Contest consultant, research and management (i.e., judging, planning, research, statistics, etc., on contests).

### WALTER MANN & STAFF

Newtown, Conn. Phone, Newtown 213

350 Madison Ave., New York, N. Y. Phone, MUrray Hill 2-3479

Executive-In-Charge....Theodore Van Doorn Services Offered: Research, surveys, and counsel for scientific advertising and sales strategy for advertisers, agencies, publishers and radio stations; editorial, circulation and program counsel.

### MARKET DATA SERVICE, INC.

Services Offered: Market data, economic studies, media coverage studies, radio coverage maps, decorative maps, economic maps, charts, trade paper advertising, brochures, dramatized sales presentation, complete promotion plans.

## MARKET RESEARCH CORP. OF AMERICA

444 Madison Ave., New York, N. Y. Phone PLaza 3-8920

### MARKET RESEARCH OF CLEVELAND

### NATIONAL RADIO RECORDS

### A. C. NIELSEN COMPANY

2101 Howard Street, Chicago, Ill.
Phone, Hollycourt 6100
ident......A. C. Niels

### NORTHWEST MARKETING SERVICE

## OPINION RESEARCH CORPORATION

merchandising; resident investigator work.

90 Nassau Street, Princeton, N. J.
Phone, Princeton 1676
President, Dr. Claude Robinson
Vice-President, Harold Read
Vice-President, Dilman M. K. Smith
Vice-President, Dr. Floyd Ruch
Services Offered: Opinion sampling.

### PARB RESEARCH SERVICES

Field Supervisor.......Charles MacDonald Services Offered: Radio and theatrical research of all types. Services offered in fourteen key city offices.

### R. L. POLK & CO., INC.

### PSYCHOLOGICAL CORP.

522 Fifth Ave., New York, N. Y.
Phone MUrray Hill 2-2145

Managing Director......Paul S. Achilles
Director of Research....Dr. Henry C. Link
Branch Office
310 S. Michigan Ave., Chicago, Ill.

### PUBLISHERS' INFORMATION BUREAU, INC.

31 East 10th St., New York, N. Y.
Phone. STuyvesant 9:7334
President Anne R. Ed

333 N. Michigan Ave., Chicago, Ill. Phone. Randolph 3442

Services Offered: Records and special reports of advertising in general magazines, farm publications, and of network and spot radio business.

### RADIO REPORTS, INC.

220 East 42nd St., New York, N. Y.
Phone MUrray Hill 2-3564
President-Treasurer.....Edward F. Loomis

Services Offered: Provides subscribers with digests and texts of radio news and comment.

#### RESEARCH ORGANIZATIONS

### ROSS FEDERAL RESEARCH CORP.

18 East 48th St., New York, N. Y. Phone, PLaza 3-6500 Chairman of Board-President-

Vice-President-General Manager

Densmore A. Ross Vice-President-General Sales Manager Clifford B. Ross

Vice-President......Richard Ross Director of Research.....William B. Shine Secretary......Frank X. Miske Director of Advertising and Publicity
Thomas B. Ellsworth

Branch Offices 59 E. Van Buren St., Chicago, Ill.

753-55 Book Bldg., Detroit, Mich. 817 Hanna Bldg., Cleveland, Ohio

1225 Grant Bldg., Pittsburgh, Pa. 606 West Wisconsin Ave., Milwaukee, Wisc.

1553 Carew Tower, Cincinnati, Ohio 320 N. Meridian St., Indianapolis, Ind.

817-18 Metropolitan Bldg., Boston, Mass. 17 Court St., Buffalo, N. Y. Market St. National Bank Bldg., Philadel.

phia, Pa. 1028 Connecticut Ave., Washington, D. C.

1807 Grand Ave., Kansas City, Mo.

3615 Olive St., St. Louis, Mo. 3723 Wilshire Blyd., Los Angeles, Calif. 963 Monadnock Bldg., San Francisco, Calif.

1904 Third Ave., Scattle, Wash, Tower Petroleum Bldg., Dallas, Texas

903 United States National Bank Bldg., Denver, Colo.

47 West South Temple St., Salt Lake City,

Rand Tower Bldg., Minneapolis, Minn.

507 Tenth St., Des Moines, Ia. 8 N. Third St., Memphis, Tenn. 314 Johnston Bldg., Charlotte, N. C.

206-7 Palmer Bldg., Atlanta, Ga. 90 State St., Albany, N. Y.

208 Pan American Bldg., New Orleans, La.

413 Equity Bldg., Oklahoma City, Okla. 306 S. Fifteenth St., Omaha, Nebr.

602 Porter Bldg., Portland, Ore. Street Bldg., New Haven, Conn.

Services Offered: Market research, con-

sumer studies, radio surveys.

### ELSIE M. RUSHMORE

551 Fifth Ave., New York, N. Y. Phone MUrray Hill 2-3053 Services Offered: Surveys for market definition; management and analysis of contests.

### PAUL W. STEWART & ASSOCIATES, INC.

9 Rockefeller Plaza, New York, N. Y. Phone, CIrcle 5-5447

President......Paul W. Stewart Vice-President......Arthur B. Dougall Services Offered: Program checking; marketing and advertising analysis; listener

studies.

### DANIEL STARCH

420 Lexington Ave., New York, N. Y. MOhawk 4-6624

..... Daniel Starch President.... In Charge of Sales..... Charles A. Wolcott In Charge of Production...T. Mills Shepard

### DOROTHEA REILLY

16 East 43rd St., New York, N. Y. Phone, VAnderbilt 6-3882

Owner......Dorothea Reilly Secretary..... Evelyn Ross

Branch Office

RFD No. 2, Montgomery, N. Y. Phone, Montgomery 5775

Services Offered: Contest management including ideas, plans and mail; market research including phone and field surveys and product testing.

### RESEARCH BUREAU OF AMERICA

280 Madison Ave., New York, N. Y. Phone, MUrray Hill 5-8183

Director......Doris Drucker Services Offered: Consumer and dealer surveys; radio audience measurements; inventory checking; merchandising and sales policy investigations.

### ELMO ROPER

30 Rockefeller Plaza, New York, N. Y.

Phone CIrcle 6-7164
Executives .......Elmo Roper, Arthur B. Chivvis, Carolyn W. Crusius, Robert W. Pratt, Robert Williams.

Services Offered: Marketing research, distribution consultant, trade and consumer studies.

## AMERICAN ASSOCIATION 0 F ADVERTISING AGENCIES

### HEADQUARTERS

420 LEXINGTON AVENUE, NEW YORK Telephone—MOhawk 4-7982

### **OFFICERS**

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GUY C. SMITH

Vice-President

FREDERIC R. GAMBLE

Managing Director

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Chairman of the Board

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### COMMITTEE ON RADIO BROADCASTING

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Vice-Chairman: A. K. SPENCER J. Walter Thompson Company 420 Lexington Ave., New York JOHN U. REBER J. Walter Thompson Company 420 Lexington Ave., New York

MAC WILKINS Mac Wilkins & Cole, Inc. Corbett Bldg., Portland, Ore.

### Added Members:

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CHARLES F. GANNON Arthur Kudner Inc. 630 Fifth Ave., New York

CHESTER J. LaROCHE Young & Rubicam, Inc. 285 Madison Ave., New York

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ARTHUR PRYOR, JR. Batten, Barton, Durstine & Osborn. Inc. 383 Madison Ave., New York

JACK SMALLEY

Batten, Barton, Durstine & Osborn, Inc. 633 Hollywood Blvd., Hollywood, Calif.

JOHN F. ARNDT

John Falkner Arndt & Co. Lewis Tower, Philadelphia, Pa.

L. L. SHENFIELD

Pedlar & Ryan, Inc. 250 Park Ave., New York, N. Y.

R. J. SCOTT

Schwimmer & Scott 75 E. Wacker Drive, Chicago, Ill.

# ADVERTISING Moves forward During 1940

By John Benson

President American Association of Advertising Agencies

As an advertising medium, radio has had a good year, and again demonstrated its usefulness in building up sales of merchandise as well as creating good will. Its low cost of coverage is doubtless a factor, but not the only factor, in a steadily developing use of the medium. It has an intimate influence of its own which continues to be productive.

From the standpoint of public opinion, radio has also been making progress, although there is still much to be done in avoiding broadcasts to which people object from the standpoint of good taste and consideration for the welfare of the American home and its children.

# NAB Code

In this connection, the Code adopted by the NAB a year and a half ago, and applicable to commercial broadcasting since October, 1940, has been a landmark of improvement in helping radio to live up to its full possibilities and discharge its obligation for entertainment and information over the air. This was a courageous step to take and will have important results to the benefit of the medium.

Advertisers and advertising agencies are as much interested in preserving the popularity of radio in the American home as the broadcasters themselves are, as no medium can create maximum goodwill which itself is lacking to any degree in that respect.

The finer possibilities of entertainment and education through radio are being steadily realized and doubtless will be improved in the future.

#### Research

Advertisers are learning more and more how to use radio most effectively through evaluation of the coverage of stations, of listener habits, made possible by the yardsticks defined by the Joint Committee on Radio Research. These have given an impulse to obtaining further knowledge about how far stations can reach in geographic spread and with what clarity and freedom from interference, and how large a listening audience is available.

The number of homes and automobiles equipped with radio receiving sets increased materially during the year: 11,000,000 new sets have been produced\* making a total of some 52,000,000 in use throughout the land.\*\*

We are getting more and more knowledge of the relative popularity of programs as reported by the Cooperative Analysis of Broadcasting, so that more intelligent choice of entertainment can be made in meeting the needs of the public.

# Progress

The news broadcasts have registered a new high of accomplishment in reporting daily the events and moves of the war abroad, with enlightening comment by well-known reporters on the spot. Through radio endless speeches were heard on the election issues—by political leaders of all parties.

On the whole it seems that the year 1940 has been one of progress and a stepping stone to what may be done in 1941 in the way of further improvement, both in the service radio can render the American home and the aid it can be to American business.

<sup>\*\*-</sup>Estimated by "Radio Today."



<sup>\*-</sup>Estimated by Institute of Radio Engineers.

# STANDARDS OF PRACTICE

# AMERICAN ASSOCIATION OF ADVERTISING AGENCIES

We hold that advertising agencies have an obligation not only to their clients but to the media they employ, to the public, and to each other.

This obligation arises from mutuality of interest. The principles which govern the discharge of this obligation are various in application; some are rooted in a standard of honor which we all acknowledge, and others are based on the requirements of good business.

What is unfair in agency practice is explicitly stated in this, our Standards of Practice.

Advertising is a business, and it must therefore operate within the framework of competition. It is not the intention to limit the vigor of competition. Rather, we hold that it is necessary for the health of advertising.

Certain competitive methods are condemned in this code. They are condemned not because they are competitive, but because, if universally used, they would tend to destroy the business of advertising.

# PROFESSIONAL PRACTICE

### ADVERTISING COPY

It is unsound and unprofessional for the advertising agency to prepare or handle any advertising of an untruthful or indecent character, as exemplified by the following copy practices disapproved in a code jointly adopted by the American Association of Advertising Agencies and the Association of National Advertisers:

- 1. False statements or misleading exaggerations.
- Indirect misrepresentation of a product, or service, through distortion of details, or of their true perspective, either editorially or pictorially.
- Statements or suggestions offensive to public decency.
- Statements which tend to undermine an industry by attributing to its products, generally, faults and weaknesses true only of a few.
- 5. Price claims that are misleading.
- Pseudoscientific advertising, including claims insufficiently supported by accepted authority, or that distort the true meaning or practicable application of a statement made by professional or scientific authority.
- Testimonials which do not reflect the real choice of a competent witness.

# **COMPENSATION**

#### REBATING

The advertising agency should retain the full amount of compensation granted by media owners without direct or indirect rebating.

It shall be considered as rebating to supply materials for advertising on any basis that can be considered as direct, indirect or secret rebating. It shall also be considered as rebating to place men in the service of the advertiser at the agency's expense, or to assume all or part of the salary of any employee of the advertiser, or to pay any fee or compensation to any one connected directly or indirectly with the advertiser, for obtaining or holding an account. It shall also be considered as rebating to agree to allow cash discounts not earned.

#### EXTRA COMPENSATION

The advertising agency should not take from any third party a profit, discount or commission other than the regular agency compensation allowed by media owners, unless disclosed to the client.

# COMPETITION

# SPECULATIVE MATERIALS

In view of its obligation to provide adequate service to clients, as well as the sound business principle of making a reasonable profit on its effort, the advertising agency should refrain from practices that dissipate its income in any unsound or nneconomic solicitation for new business.

It is recognized as unsound, uneconomic and unprofessional to submit speculative material in competitive solicitation.

#### OFFERING CREDIT EXTENSION

It is unsound and uneconomic to offer extension of credit or banking service as an inducement in solicitation.

#### UNFAIR TACTICS

The advertising agency should compete on merit and not by depreciating a competitor or his work directly or inferentially, or by circulating harmful rumors about him, or by making unwarranted claims of scientific skill in judging or prejudging advertising copy, or by secking to obtain an account by hiring a key employee away from the agency in charge.

These Standards of Practice of the American Association of Advertising Agencies are based on the helief that sound practice is good business... that confidence and respect are indispensable to success in a business embracing the many intangibles of agency service and involving relationships so dependent upon good faith.

They express ideals which are based on a broad experience of what has been found to be the best advertising practice. They are feasible and practical . . involving no restrictions which advertising agencies should not voluntarily adopt.

# STANDARD CONDITIONS

# GOVERNING CONTRACTS AND ORDERS FOR SPOT BROADCASTING

# National Association of Broadcasters

In cooperation with

# American Association of Advertising Agencies

#### 1. PAYMENT

- lal. The agency agrees to pay, and the broadcasting station agrees to hold the agency solely liable for payment, for the broadcasting covered by this order unless expressly otherwise agreed in writing.
- Ibl. The agency personally agrees to pay for broadcasting covered by this order, at the office of the broadcasting station or of its authorized representative, on or before the last day of the month following that in which the broadcasting is done unless otherwise stipulated on the face of this order; or, when cash discount is deducted but payment date not specified on the station's tate card, on the fifteenth of the month following.
- [e]. In all cases date of payment is material and unless otherwise stipulated the postmark date on the envelope properly addressed Ito the broadcasting station or to its representative shall be considered the date when payment was made.
- [1d]. Station's invoices for broadcasting covered by this order shall be in accordance with the station's log and shall so state on each such invoice.
- [el. Invoices should be rendered not less often than monthly.
- Iff. The station reserves the right to cancel the order at any time upon default by the agency in the payment of bills, or other breach, or in the event of any material violation on the part of the agency of any of the conditions herein named; and upon such cancellation all broadcasting done hereunder and unpaid shall become immediately due and payable. In case of delinquency in payments or impaired credit the station shall have the right to change the requirements as to terms of payment for further broadcasting under this order as it may see fit.

# 2. TERMINATION

[a]. This agreement may be terminated by either party by giving the other two weeks' notice, unless otherwise stipulated on the face of this order. If the agency terminates the agreement it will pay the station according to the station's published rates for the lesser number of periods, for all services previously rendered by the station. If the station terminates the agreement; either, the agency and the station will agree on a satisfactory substitute day or time at the rates in effect at the time this agreement was made, or, the agency will pay the station according to the rates specified herein, for all services previously rendered by the station; that is, the agency shall have the benefit of the same time discounts which the agency would have earned had it been allowed to complete the order. In the event of such termination, neither party shall be liable to the other party otherwise than as specified in this paragraph.

### 3. INABILITY TO BROADCAST

- [a]. Should the station, due to public emergency or necessity, legal restriction, Act of God, or at the direction of Federal, State or Municipal authorities or for any other reason beyond the controi of the station, be unable to broadcast one of the agency's programs at the time specified, the station shall not be liable to the agency for damages but will communicate with the agency as far in advance as possible. The agency will then either agree with the station on a satisfactory substitute time for the broadcast, or, if no such agreement can be reached, the broadcast will be considered as cancelled, without affecting the rate shown on this order. In the event of such cancellation or postponement, the station will make, if approved by the agency, a suitable courtesy announcement as to the reason for cancellation or postponement, and as to any substitute time agreed upon.
- [b]. If interruptions occur during the entertainment portion of the broadcast, credit shall be given by the station at the pro rata rate for such interruptions of one minute or more duration. If interruptions occur during the commercial announcement portion of the broadcast, credit shall be given by

the station in the same proportion to the total station time charge which the omitted commercial announcement portion bears to the total commercial announcement in the program. If the interruption equals or exceeds 50% of the total program time the station shall defray a pro rata share of the live talent costs, unless the interruption is due to an Act of God, public emergency or legal restriction.

# 4. SUBSTITUTION OF SUSTAINING PROGRAM OF PUBLIC IMPORTANCE

[a]. The station shall have the right to cancel any broadcast covered by this order and substitute a sustaining program of such outstanding public importance that failure to broadcast same would work injury alike to the station and the advertiser. In such case, the station will notify the agency as far in advance as possible, and the agency and the station will agree on a satisfactory substitute day or time for the broadcast, or, if no such agreement can be reached, the broadcast will be considered as cancelled without affecting the rates or rights shown on this order. In the event of such cancellation or postponement, the station will make, if approved by the agency, a suitable courtesy announcement as to the reason for cancellation or postponement and as to any substituted time agreed upon. In the event of such replacement, when the station notifies the agency less than two weeks in advance of broadcast, the station shall reimburse the agency any non-eancellable cost of live talent.

#### 5. RATES

- [a]. It is agreed that the rate named in this order is the lowest rate made by the station (or like services and that if at any time during the life of this order the station makes a lower rate for the same services, this order shall be completed at such lower rate from that date.
- [b]. All rates shall be published. There shall be no secret rates, rebates or agreements affecting rates. All rates shall be furnished agencies if requested.
- [e]. It this order is continued without interruption beyond the time specified the additional broadcasts shall be considered part of this order and the same rate shall apply until any lower rate prevailing at the time this agreement is made shall have been earned; and then this lower rate shall apply to the whole order. It is agreed, however, that this provision shall not cover a service rendered by the station later than one year from the date of the first broadcast, unless specifically agreed.

#### 6. PROGRAMS

- [a]. The order for station time includes the services of the technical staff and of a regular staff announcer. Other talent and services are covered by the program charge in this order which is subject to change by the agency with the consent of the station.
- [b]. Should the station fail to receive program material seven days in advance of the broadcast it shall so notify the agency. Subsequent to this

notification, if the station fails to receive the program material in time for the broadcast, if the programs are transcriptions, the station shall, following first broadcast, repeat a previous program unless otherwise instructed, or unless ptogram is one of a seies, in which case the station shall have the right to announce the name, address and business classification of the advertiser, produce a creditable program and make regular charge for station time and reasonable talent charge to the agency. If the programs are produced locally it shall, following first broadcast, repeat the commercial announcement of the preceding broadcast, using the agreed talent unit.

- [c]. Except as otherwise hereinafter expressly provided the agency will save the station harmless against all liability for libel, slander, illegal competition or trade practice, infringement of trade marks, trade names or program titles, violation of rights of privacy and infringement of copyrights and proprictary rights, resulting from the broadcasting of the programs herein provided for in the form furnished or approved by the agency. Such indemnity shall not apply to the musical compositions performed in non-dramatic form, the unrestricted right to perform which is licensed by ASCAP, provided the agency shall have at least one week prior to each broadcast submitted to the station in writing in duplicate a correct list of the titles of names of composers and copyright owners appearing on the published or unpublished copies of the musical compositions to be used on the said programs. The station agrees, however, to save the agency harmless against all liability where the programs are prepared and produced both as to artists and program content by the station excepting only such liability as may result from the broadcasting of the commercial credits and other material as furnished or approved by the agency.
- Idl. Programs prepared by the agency are subject to the approval of the station management both as to artists and to program content.

#### 7. GENERAL

- [a]. This order is subject to the terms of licenses held by the parties hereto and is also subject to all Federal, State and Municipal laws and regulations now in torce, or which may be enacted in the future.
- [b]. The rights under this order shall not be transferable to another advertiser than the one specified in this order unless the consent of the station has been obtained.
- [c]. In dealing with agencies, the station shall follow a uniform policy to avoid discrimination.
- [d]. The agency agrees that it will not rebate to its client any part of the commission allowed by the station.
- [c]. The failure of the station or of the agency to enforce any of the provisions herein listed with respect to a breach thereof in any one instance shall not be construed as a general relinquishment or waiver under this agreement and the same shall nevertheless be and remain in full force and effect.

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The following listing includes agencies placing network and important spot business during 1940 as well as those handling the larger local accounts.

# Key to Symbols of Membership and Recognition Abbreviations

AAAA . . . American Association of Advertising Agencies

ABP ... Associated Business Papers

ANPA . . . American Newspaper Publishers' Association

NOAB . . . National Outdoor Advertising Bureau

PPA ... Periodical Publishers' Association

PRB ... Pacific Recognition Bureau

SAAA . . . Southwestern Association of Advertising Agencies

SNPA ... Southern Newspaper Publishers' Association

# ADVERTISERS BROADCASTING CO.

117 West 46th St., New York, N. Y. Phone BRyant 9-1176

#### Officers

President.									Z	1	Н	R	u	binstein
Treasurer.												M		Keilson

# ADVERTISING, INC.

1523-29 Central National Bank Bldg., Richmond, Va. Phone 32800 & 32809 ANPA—SNPA—APA First Advertising Agency Group

#### Officers

President		J	. Lynı	n Miller
Vice-President			M. T	. Miller
Secretary-Radio Di	rector	· A.	G. 5	Smithers
Art Director	<b>.</b>		.M. I	Riggs
Production Manage	r	Aub	rey F.	Watson
Office Manager		Mildi	red V	alentine

Radio Accounts Placed—Southern Dairies, R. F. & P. Railroad, Richmond Maid Mfg. Co., Henry R. Haase Furs, The Young Men's Shop.

# ADVERTISING-BUSINESS CO.

1213 Throckmorton St. Fort Worth, Texas Phone 3-2421 SNPA—ABP—APA

Officers

Directing Manager......Thomas L. Yates Radio Production Manager...A. E. Hubbard

# AIRCASTERS, INC.

423 New Center Bldg. Detroit. Mich. Phone Trinity 1-2552 ABP ANPA

Officers

# THE AITKIN-KYNETT COMPANY

1400 South Penn Square Philadelphia, Pa. Phone Rittenhouse 7810 AAAA — ABC — NOAB — ABP — ANPA APA — PPA

Officers Senior Partner-Radio Director. . H. H. Kynett Partner ..... M. E. Goldman Radio Accounts Placed-Stephano Bros.

# R. H. ALBER COMPANY

458 Chamber of Commerce Bldg., Los Angeles, Calif. Phone Prospect 3331 ANPA

President......R. H. Alber Radio Accounts Placed-Gospel Broadcasting Association, Young People's Church of the Air, Hudson-Terruplane Sales Corp. (South California Division).

# ALLEN, HEATON & McDONALD, INC.

1001 Enquirer Bldg., Cincinnati, Ohio ABP—ANPA—PPA

Officers

Vice-President ................Ralph Heaton Vice-President ...... Donald McDonald Secretary......Josephine L. Quigley 

### ALLEN & REYNOLDS, INC.

833 Insurance Bldg. Omaha, Nehr. Phone At. 4445

Officers

President-Treasurer ..........Earl Allen Vice-President-Secretary. Milton H. Reynolds Vice-President ......Richard Cole 

# ANDERSON, DAVIS & PLATTE, INC.

1270 Sixth Ave., New York, N. Y. Phone COlumbus 5-4868 PPA — ANPA

Officers

President.....T. H. Anderson, Jr. Executive Vice-President.....A. F. Platte Vice-President.....H, H. Smith Radio Accounts Placed—Bell & Co.

# ANIOL & AULD, ADVERTISING

Smith Young Tower, San Antonio, Texas Phone Fan. 9148 ARP-APA-SNPA

> Personnel Claude B. Aniol Orrin C. Auld Marshall Roland Erin McGary

Radio Accounts Placed - Southern Steel Co., Guaranty Finance Co., St. Anthony Hotel. A. B. Poe Motor Co., Edwards Appliance Co., George Mueller Motors.

# AURREY, MOORE & WALLACE, INC.

230 N. Michigan Ave., Chicago, Ill. Phone Randolph 0830 ANPA --- ABP — PPA — APA

Officers

L. T. Wallace, John J. Finlay, L. O. Wilson

Radio Time Buver-Production, John H. North Radio Accounts Placed—Campana Sales Co., Chicago Motor Club, Chicago Solvay Coke Co., International Harvester Co., Creamette Co., Williamson Candy Co., McIlhenny Co.

# N. W. AYER & SON, INC.

West Washington Square, Philadelphia, Pa. Phone Lombard 0100 ANPA — PPA — ABP

Officers

Clarence L. Jordon Vice-President In Charge of Radio,

H. L. McClinton Business Manager......Robert Collins Chief Time Buyer.....T. J. McDermott Talent.....N. E. Keesely Copy Chief.......James E. Hanna Program Promotion......Russell E. Pierce

Branch Offices
30 Rockefeller Plaza, New York, N. Y.
Phone CIrcle 6-0200

Vice-President.......Edward R. Dunning Vice-President in Charge of Radio.

H. L. McClinton Statler Office Bldg., Boston, Mass. Phone Hubbard 4970

Manager.....E. Craig Greiner
135 S. LaSalle St., Chicago, Ill.
Phone Randolph 3456

Vice-President......Sterling E. Peacoek Radio Department Head.....Burke Herrick

235 Montgomery St., San Francisco, Calif.
Phone Sutter 2534
Vice-PresidentCarl J. Eastman
Penobscot Bldg., Detroit, Mich.
Phone Randolph 3800
Vice-PresidentFrank L. Scott, Jr.
80 Richmond St. West, Toronto, Canada
Phone Adelaide 6156
Vice-PresidentJohn F. Graydon
Radio Accounts Placed—American Export
Lines. Atlantic Refining Co., Bell Telephone
System, Paul F. Beich Co., Bovril of Amer-
ica, Inc., Clicquot Club Co., Farnsworth
Television & Radio Corp., Fisher Schools,
Frank H. Fleer Corp., J. B. Ford Co., Golden
State Co., Goodycar Tire & Rubber Co.,
Hawaiian Pineapple Co., Dr. Hess & Clark,
Inc., Illinois Bell Telephone Co., Jersey Ice
Cream Co., Kirkman & Son, Inc., Phila-
delphia Coke Co., Thomas D. Richardson,
Russell-Miller Milling Co., Sheffield Farms
Co., Supplee-Wills-Jones Co., United Air
Lines, Webster-Eisenlohr, Inc.

# BADGER & BROWNING

75 Federal St., Boston, Mass. Phone Liberty 3364 ANPA ABP—PPA—APA

	o precio
President	J. L. Badger
	F. S. Browning
	dents

J. Paul Hoag, L. C. Keyes
Affiliated Agency

Badger & Browning & Hersey 30 Rockefeller Plaza, New York, N. Y. Phone Circle 7-3720

# BADGER AND BROWNING & HERSEY, INC.

30 Rockefeller Plaza, New York, N. Y.
Phone Clrcle 7-3720
ANPA — PPA — ABP

Officers

President R. W. Hersey
Chairman of Board J. L. Badger
Treasurer F. S. Browning
Radio Director Mrs. Marjorie de Mott
Time Buyer H. W. Mallinson, Jr.

Affiliated Agency
Badger & Browning
To Federal St., Boston, Mass.
Phone Liberty 3364

Radio Account Placed -- American Chiele Co.

# WILLIAM BLAIR BAGGALEY, INC.

8 South Michigan Ave., Chicago, Ill. Phone STate 2154

Officers

President W. B. Baggaley
Treasurer P. G. Heldman
Secretary H. H. Hammer

# BARLOW ADVERTISING AGENCY, INC.

309 Starrett-Syracuse Bldg., Syracuse. N. Y.

Phone 3-0131 APA — PPA — ABP

Officers

President E. S. Barlow Vice-President E. S. Crawford Vice-President H. H. Goodhart Secretary E. V. Cole Production Manager I. M. Smith Copy Chief J. J. Hines Art Director H. C. Millard Radio Manager J. R. Coleman

Radio Accounts Placed—Dairymen's League Co-operative Association, Inc., Procino & Rossi.

# BARRONS ADVERTISING CO.

Kirkwood Bldg., McGee at 18th, Kansas City, Mo.

Phone HArrison 7730-1

Officers

Radio Accounts Placed—Zerbst Pharmacal Co., Seidlitz Paint & Varnish Co., Diesel Power Engineering School, Manor Baking Co., Chevrolet Dealers of Kansas City, American Royal Live Stock Show, The Sodiphene Co., Atlas Burner Co.

# BASS-LUCKOFF, INC.

Lafayette Bldg., Detroit, Mich. Phone Randolph 0707

Officers

President ...... Louis Buss Vice-President ...... Louis H. Luckoff Radio Account Placed—Detrola Corp.

# TED BATES, INC.

630 Fifth Avenue, New York, N. Y.
Phone Clicle 6-9700
AAAA - ANPA PPA

Officers

President-Treasurer.....Theodore L. Bates Vice President-Secretary..Thomas J. Carnese Vice-President ......Thomas Buechner

land Company, Armstrong Cork Co., Baskin Clothing, Berwind Fuel Co., Borden Co., Boston Edison Co., Boston Globe, Broadway-

Hollywood Department Stores, Brown & Williamson Tobacco Corp., Cream of Wheat,

Director of Media-

Asst. Secretary.........Edgar Small 

Radio Director......Jack Runyon

Assistant Radio Director	L. S. Donaldson Co., P. Duff & Sons, E. I. Du Pont de Nemours & Co., Inc., Ethyl Gasoline Corp., Fenn Bros., Fort Pitt Brewing Co., Fruit Dispatch Co., Gamble Stores, General Baking Co., General Electric, Griesedieck Bros. Brewing Co., Hoffman Beverage, Geo. A. Hormel & Company, Household Finance Corp., Leisy Brewing Co., Lyon Van & Storage Co., Marine Trust Co., Minneapolis Brewing Co., Mutual Savings Bank Assn. of Massachusetts, Nchi Corp., N. Y. Telephone Co., Penick & Ford, Ltd., Remington Rand. Inc., Royal Crown Bottling Co., Saturday Evening Post. F. & M. Schaefer Brewing, Servel, Inc., Soutbern New England Telephone Company, Sportsmen's Service Bureau. Tennessee Coal, Iron & R.R. Co., William Understall Company
Treasurer	liam Underwood Company, U. S. Steel Corp., Waitt & Bond, Inc.
Executive Vice-PresidentAlex F. Osborn SocretaryF. M. Lawrence	•
Vice-President Director of Radio, Arthur Pryor, Jr. Radio Producers and Writers, William Spier, Hamer Flickett, David White, Kenneth Webb, Frank Linder, C. M. Underhill, Kirk Alexander, John Driscoll, Kay Winn. Business Manager, Radio Dept	BRACE BEEMER, INC. RADIO ADVERTISING 2180 E. Milwaukee, Detroit, Mich. Phone Madison 3363  President & Director of Radio, Brace Beemer Vice-President
Branch Offices	•
919 N. Michigan Ave., Chicago, III. Phone Superior 9201 Vice-President	BENNETT, WALTHER & MENADIER, INC. 234 Boylston St., Boston, Mass. Phone Kenmore 3820
Crant Bldg., Pittsburgh, Pa. Phone Grant 8060 Vice-President	Officers President
Northwestern Bank Bldg., Minneapolis, Minn. Phone Atlantic 4575 Vice-PresidentJohn C. Cornelius 1515 Terminal Tower, Cleveland, Ohio Phone Prospect 3621	Production ManagerSelden M. Loring Radio Accounts Placed—Washburn Candy Co., Hudson Coal Co., Massachusetts Wharf Coal Co., Quality. Inc., Reliable Flour Co.
Vice-President	•
	DENTON AND DOUGHE INC
Phone Hollywood 7337  Manager	BENTON AND BOWLES, INC. 444 Madison Ave., New York, N. Y. Phone Wickersham 2-0400 AAAA — ANPA — PPA — ABP ABC — NOAB — APA

Vice-President-General Manager,
James G. Rogers, Jr. Vice-President & Director of Radio, Tom Revere
Branch Offices Equitable Bldg., Hollywood, Calif.
Phone Hillside 9151
Production HeadMann Holiner Radio Accounts Placed — General Foods
Corp. (Maxwell House Coffee, Diamond Crystal Salt, Huskies, Post Toasties, Post's
Bran Flakes); Best Foods, Inc. (Nucon);
Prudential Insurance Co., Dr. Pepper Co., Hudnut Co.
BERMINGHAM, CASTLEMAN &

# BERMINGHAM, CASTLEMAN & PIERCE, INC.

136 East 38th St., New York, N. Y.
Phone Lexington 2-7550
ANPA — PPA — NOAB — APA
Officers

Radio Accounts Placed—Griffin Manufacturing Co., Inc.; Conti Products Corp., Frank H. Lee Co., Roma Wine Co., O'Sullivan Rubber Co., A. Schreter & Sons.

# GEORGE BIJUR, INC.

9 Rockefeller Plaza, New York, N. Y.
Phone CIrcle 6-6330
ABP - ANPA — PPA
Officers

# THE BIOW CO., INC.

9 Rockefeller Plaza, New York, N. Y. Phone Circle 6-9300 ANPA — PPA — ABP Officers

President and Treasurer... Milton H. Biow Secretary ......... Anna Hauptman Director of Radio....... Regina Schuebel Dramatic Radio Director.... Jack Johnstone

Radio Accounts Placed - Bulova Watch Co., Joe Lowe Corp., Philip Morris & Co., Revelation Tobacco, Bond Street Tobacco, Postal Telegraph & Cable Co., Westfield Wutches, Eversharp, Inc.

# BLACKETT-SAMPLE-HUMMERT, INC.

221 N. La Salle St., Chicago, III.
Phone Dearborn 0900
ABP ANPA—APA—PPA—ABC NOAI

Vice President-Director. J. G. Sample Vice President-Director. Hill Blackett Director. H. N. Pritchard Assistant to President. Paul Keenan

Vice-Presidents......Lucius A. Crowell, Marvin Harms, Homer McKee, L. D. Milligan, O'Neill Ryan Jr., Robert M.

Branch Offices 247 Park Ave., New York, N. Y. Phone Wickersham 2.2700

Radio Accounts Placed—Affiliated Products, Inc., American Automobile Insurance Co., Anacin Co., Bayer Co., Bi-So-Dol Co., A. S. Boyle Co., Continental Illinois National Bank & Trust Co., Cudahy Packing Co., F. & F. Laboratories, General Mills, Inc., Knowlton Danderine Co., Kolvnos Co., Midway Chemical Co., Morton Salt Co., Mystic Laboratories, Parker Pen Co., Chas. H. Phillips Chemical Co., Procter & Gamble Co., Public Health Institute, The Pullman Co., Scars, Roebuck & Co., A. E. Staley Mfg. Co., Sterling Products Co., The Wander Co., R. L. Watkins Co., Wyeth Chemical Co.

# THE BLAINE THOMPSON CO.

321 West 44th St., New York, N. Y. Phone CIrcle 6-0170 ANPA—PPA

Officers

President-Treasurer Myer Lesser
Vice-President John J. Shubert, Jr.
Assistant Secretary G. L. Surrey
Art Director James A. Lannon
Production Manager J. Adams
Radio Director Marlo Lewis

Branch Office 234 West 44th St., New York, N. Y. Phone CHickering 4-6169

# BOTSFORD, CONSTANTINE & GARDNER

115 SW 4th, Portland, Oregon Phone Atwater 9541 AAAA --- ANPA --- PPA --- ABP APA --- NOAB

Officers

- 1 m 1	
Vice-PresidentsC. P. Constantine,	C. C. Wilmot, J. G. Williams, Walter C.
Stanley G. Swanberg, John H. Weiser,	Avers
Ray Andrews, Frankie Coykendall, Merle	Manager, Media DeptHerbert R. Bayle
W. Manly.	Production ManagersFred P. Zick,
Branch Offices	John A. Cremer
814 2nd Ave. Bldg., Seattle, Wash.	Director of ResearchWalter C. Ayers
Phone Elliott 3523	Director of Radio
Vice-President	Radio Accounts Placed-Detroit: Goebel
350 Russ Bldg., San Francisco, Cal.	Brewing Co., Hudson Motor Car Co., Auto-
Phone Exbrook 7565	mobile Club of Michigan. New York: State
Vice-PresidentStanley G. Swanberg	of Maine, Church & Dwight, Christmas Club.
323 Petroleum Securities Bldg.,	į. I sas sas
Los Angeles, Cal.	•
Phone Prospect 0206	D D DDOTUFD C CO INC
Vice-PresidentJohn H. Weiser	D. P. BROTHER & CO., INC.
Radio Accounts Placed—Tillamook County	General Motors Bldg., Detroit, Mich.
Creamery Association, Gilmore Oil Co., Mac-	Phone Trinity 2-8250
Fralanc Candy Co., Chemicals, Inc., Rose-	AAAA — ANPA — PPA
field Packing Co., California Grown Sugar	Officers President
Group, Davidson Baking Co., First Federal	Vice President-TreasurerC. Hatch, Jr.
Saving & Loan Association, Pobt Investment	SecretaryE. M. Reitz
Co., Sego Mills, Santiseptic Co.	Radio Time Buyer
•	Radio Account Placed—Oldsmobile Divi-
	sion of General Motors Sales Corp.
BRISACHER, DAVIS AND STAFF	cton of them adorn's rance corp.
310 Crocker Bldg., San Francisco, Calif.	•
Phone Garfield 0276	CD TAND IN DDIIGH TOURS
ANPA — APA — PPA	FRANKLIN BRUCK ADVERTISING
Officers	CORP.
President Emil Brisacher	RKO Bldg., Rockefeller Center,
Vice-PresidentRobert J. Davis	New York, N. Y.
Account Exerutive Charles H. Gabriel	Phone CIrcle 7-7661
Branch Offices Petroleum Securities Bldg., Los Angeles, Cal.	ANPA — PPA — APA
Phone Prospect 9368	Officers PresidentFranklin Bruck
Robert J. Davis, Louise Ludke,	Secretary and Radio
Vernon Wosnick	Director
Radio Accounts Placed-Acme Breweries.	Treasurer Mort Heineman
Tea Garden Products, Albert Samuels & Co.,	Radio Production
Peter Paul, Inc., S & W Fine Foods, Cali-	Research DirectorJules Nathan
fornia Conserving Co., Van Camp Sea Food	Radio Accounts Placed-North American
Co., Challenge Cream & Butter Association,	Accident Insurance Co., Munhattan Soap
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Dr. A. R. Root Spot Commercial Production. . Brad Robinson Network Commercial Production,

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Radio Account Placed - General Mills, lnc.

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Radio Accounts Placed-Macfadden Publications, Inc.: United States Tobacco Co., Buick Motor Division, Goodyear Tire & Rubber Co., Florida Citrus Commission, General Motors Corp.

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Executive-In-Charge of Production,	Parker Bros
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Radio Producer, Daytime Shows,	
John Dennison	DIIGGEI NA
Radio Producer, Evening Shows,	RUSSEL M.
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Catherine Haynie	ANTA
WritersBaker Ostrin,	
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235 Montgomery St., San Francisco, Calif.	Pen Co., Pine
Phone Douglas 5822	stone Steel &
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Radio Accounts Placed—American Tobacco	
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Co., Hyde Park Brewers Assn., Ironized	
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# Officers

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#### Branch Office 247 Park Ave., New York, N. Y. Phone PLaza 3-8280

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Radio Account Placed—Miles Laboratories, Inc., Murphy Products Co., Morris B. Sachs, Illinois Bottled Gas Co., Wear Proof Mat Co., Hoover Liniment Co.

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#### WEISS & GELLER, INC.

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325 W. Eighth St., Los Angeles, Calif. Phone Tucker 4111 ANPA -- PPA -- ABP

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Radio Accounts Placed Flamingo Sales Co., Gaffers & Sattler, Globe Department Stores, Hollywood Pantages Theater, Hollywood Turf Club, May Co., Pep Boys of California, Thrifty Cut-Rate Drug Stores, Towne Talk Co.

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# RADIO EDITORS and WRITERS of NEWSPAPERS IN THE UNITED STATES and CANADA

(As of January 1st. 1941)



The following list of radio editors writing for newspapers and magazines in the United States and Canada was compiled from questionnaires submitted in the Fourth Annual Radio Daily Poll and through the cooperation of radio stations in both countries.

#### **ALABAMA**

Anniston Star: Edwin Mullinax
Birmingham News: Turner Jordon
Birmingham Post: Jean Moyer
Florence Herald: M. B. Davnell, Jr.
Montgomery Advertiser: Bill Mahoney
Southern Radio News (Birmingham):
Ormond Black

#### ARIZONA

Arizona Farmer (Phoenix): Les Mawhinney

Arizona Record (Globe): Ralph Herron Arizona Silver Belt (Miami): Sam Kiamy

Arizona Weekly Gazette (Phoenix): Don Frederickson

Bisbee Review: Charles Modesette Douglas Dispatch: Walter Zipf

Phoenix Gazette: Dan Crumley, R. W. Barry

Phoenix Republic: Frank Ross

Popular Radio Programs (Tucson): Connie Kelly

Safford Daily News: Jack Copeland Tucson Citizen: Bill Wallace

Tucson Star: Al Welke Yuma Daily Sun: Karl Allen

#### **ARKANSAS**

Arkansas Democrat (Little Rock): Evelyn Greene

Arkansas Farmer (Little Rock): Mrs. W. C. Pope

Arkansas Gazette (Little Rock): Inez Hale McDuff

Blytheville Courier-News: J. Graham Sudbury

Cinemag (Paragould): Orris Collins
Fort Smith Tribune: Gene Guthridge
Hot Springs Sentinel Record-New Era:
Kent Rush

Jonesboro Sun: Fred Troutt Jonesboro Tribune: Donald Murray Siloam Springs Daily Herald & Dentocrat: Alf Perrine

#### CALIFORNIA

Anaheim Bulletin: L. Loudon Bakersfield Californian: Ralph Kreiser

Berkeley Gazette: Helane Peters

Fan Fare Magazine (San Francisco): Helane Peters

Fresno Bee: A. J. Welter

Fresno Guide: Jim McCollum

Fullerton News Tribune: Paul Wright Hanford Sentinel: J. E. Richmond, Walt Christie

Hollywood Citizen-News: Zuma Palmer Kern Herald (Bakersfield): Paul Newell Long Beach Independent: Wayne Parker Los Angeles Examiner, Los Angeles Her-

ald & Express, Los Angeles News, Los Angeles Times (for logs only): Jack Holmes

Marysville Appeal Democrat: Horace
Thomas

Merced Sun-Star: Dan O'Neill

Oakland Post Enquirer: Richard Loomis

#### RADIO EDITORS AND WRITERS

Oakland Tribune: Charles McIntosh Orange Daily News: Tom Hart Pasadena Independent: Bill Bird Pasadena Post & Star News: Reginald Warren

Porterville Recorder: Homer Wood Radio Life (Los Angeles): H. H. Hata-

way

Radio Time (Los Angeles): Ken Morgan, Vincent Vaughn Bivossido Daily Press: Farl W. Porter

Riverside Daily Press: Earl W. Porter Sacramento Bee: Ted Mandella Sacramento Union: Kirt MacBride San Bernardino Independent: Tom Wood San Diego Union & Tribune-Sun: Maury Savage

San Francisco Call Bulletin: Bob Hall. Edward Romero, Tom Barca

San Francisco Chronicle: Gale Andertou, Sanford Paganucci, Don Knight, Herb Caen

San Francisco Examiner: Edward Murphy

San Francisco Life: J. Clarence Myers San Francisco News: Emilia Hodell Universal Radio Features Syndicate

(Santa Ana): Tom E. Danson San Jose Mercury Herald: Pearce Davies San Jose News: Jack Wright

San Luis Obispo Telegram Tribune: J. R. Paulsen

Santa Ana Independent: A. B. Barry, Vic Rowland

Shopping News (Onkland-San Francisco): Tom Tyrell

Stockton News Advertiser: Edward Williamson

Stockton Record: Jack Bawden
Turlock Times: Bob Whiteside
Visalia Times-Delta: Click Relauder
Watsonville Register - Parjaronian &
Sun: Frank Orr

Sun: Frank Orr Whittier Reporter: Dick Crow

#### **COLORADO**

Denver Daily Record-Stockman: Willard Simms

Denver Monitor: Carson Harris Denver Post: Betty Craig, Kenneth Chappelow, Joseph A. McNec, Melvin Rupp

Rocky Mountain News (Denver): James Briggs, Mark Rousseau

#### CONNECTICUT

Bridgeport Post: Rocky Clark
Bridgeport Sunday Herald: Leo Miller
Bridgeport Time Star: Fred Thoms
Bristol Press: Charles Murray McCarthy
Connecticut Echo (New Haven): Carey
Cronin, Michael J. Goode

Hartford Courant: Douglas B. Fellows, John Reitmeyer

Hartford Times: Harold B. Waldo, Ward Duffy

New Haven Register: John Day Jackson Stamford Advocate: Leonard Massell Waterbury Democrat: Jim Parker

#### DISTRICT OF COLUMBIA

Washington Herald & Times: Bill Frank Washington News: Fred Comstock Washington Post: Dick Coe Washington Star: John Stepp, William

Coyle

#### FLORIDA

Bradenton Herald: Nyua Herald
Daytona Beach Evening News: Rexetta
Leonard

Florida Times Union (Jacksonville): Frances Bridges

Fort Lauderdale Daily News: W. B. Warnick, Jr.

Fort Lauderdale Times: Walter Day Fort Myers News Press: Fran Daughtery Jacksonville Journal: Jim Massey, G. V. Sanders

Lakeland Ledger: Harris Sims Miami Herald: Marion Stevens Miami News: Jimmic McLean Ocala Evening Star: Bert Dosh Ocala Morning Banner: Harris Powers Panama City News-Herald: Toni Veverka Panama City Pilot: Eddic Pierce Sarasota Herald Tribane: Bill Coe Southwest Floridian (Fort Myers): George Hosmer

St. Augustine Record: Nina Hawkins St. Petersburg Independent: Bill Dunlap, Vivian Ahlsweh, Eric Parsons

St. Petersburg Times: Ogden Sharpknack, Dan Hall

Tampa Times: J. F. Smiley
Tampa Tribune: Harry Schaden, Gordon
Grant

#### GEORGIA

Albany Herald: Jimmy Robinson
Albany Journal: John Crouch
Atlanta Constitution: Howell Jones
Atlanta Journal: Ernest Rogers
Augusta Chronicle: Bob Parks
Augusta Herald: Sam Moss
Chattahoochee Valley Times (West
Point): Floyd Tiller
Columbus Free-Press: Frank Bunting
Columbus Ledger: Ben Vig
Dalton News: R. E. Hamilton

#### EDITORS AND WRITERS RADIO

Hartwell Sun: Louis Morris Macon Broadcast: Frank Young

Macon News-Telegraph: Donald Mc-Donald

Savannah Evening Press: Kenneth Palmer

Savannah Morning News: Percy Miller Waycross Journal-Herald: Jack Williams, Jr.

#### IDAHO

Blackfoot Daily Bulletin: John Rider Boise Capital News: Jewel Carpenter, Bill Wheeler

Caldwell News-Tribune: Maurice Russell. Tom La Fonde

Idaho Daily Statesman (Boise): Robert McDevitt

McCemmon News, Downey Comet and Grace Herald: R. N. Massie Pecatello Shopper News: Jim Rutherford

#### ILLINOIS

Aurora Beacon News: John A. Corkery Aurora-Elgin Labor News: Mr. Esnorff Chicago Herald-American: Lorraine

Nystrom, Ulmer Turner Chicago News: Joseph Gorg

Chicago Times: Don Foster, Paul Damai Chicago Tribune: Larry Wolters

Coles County Press (Mattoon): Frank

Dennings Danville Commercial-News: H. B. Keck Decatur Herald & Review: E. O. McCann East St. Louis Journal: Herbert Moore, Rohert J. Boylan

Elgin Courier-News: Richard L. Lea Freeport Journal-Standard: Grace L.

Barnett Harrisburg Daily Register: Alta Givans Illinois State Journal (Springfield): Harry Moody

Joliet Herald News: Mavis Wenzell Marion Republican: Homer Butler Moline Dispatch: Jack Thompson, Fred Klann

Movie-Radio Guide (Chicago): Martin Lewis

Peoria Journal-Transcript: R. M. Shepherdson

Peoria Star: Golda Lauterbach, F. R. Oakley

Rockford Register-Republic & Star: William R. Traum

Rock Island Argus: Don Wright Tuscola Review: Gene Dillener Waukegan News-Sun: Ford Wilson

#### INDIANA

Anderson Herald: Bill Toner Decatur Truth: Arthur Holthouse The Clintonian (Clinton): Beatrice Biggs Elkhart Truth: Dan Albrecht Evansville Press & Courier: John Bell,

Theo Nadelstein, Clarence Kerlin Fort Wayne Journal Gazette: Chester

Brouwer Fort Wayne News-Sentinel: Arthur

Remmel Gary Times: L. B. Snowden

Goshen News-Democrat: Herb Swartz Hammond Times: Paul Dernai

Indianapolis News: Herbert Kenney, Jr.

Indianapolis Star: Robert G. Tucker, C. L. Kern

Indianapolis Times: James M. Thrasher, Tom Kennedy

Lafayette Journal-Courier: Dick Greenboow

South Bend Tribune: Ira Carpenter The Spectator (Terre Haute): R. Tuttle Vincennes Post: J. H. Rich Vincennes Commercial: Sun George Byers

#### IOWA

Cedar Rapids Gazette: Earl Rieke Creston News-Advertiser: W. E. Day Davenport Daily Times: Tom O'Hearn, Rose Tart

Davenport Democrat & Leader: Ina Wickham

Decorah Journal: Justin Hammond Decorah-Posten: Einar Lund Des Moines Register & Tribune: Mary

Dubuque Daily Tribune: Carl Ochs Mason City Globe-Gazette: H. B. Hook Ottumwa Daily Courier: Jeannette B.

Ottumwa Free Press: Thomas Keefe, Jr. Shenandoah Sentinel: Paul Lange Sioux City Journal: John Carey Sioux City Tribune: John Kelly Waterloo Courier: Velva Davis

#### KANSAS

Allen County News (Iola): Milford C. Langley

Arma Record: E. D. McElvain Bronson Pilot: Lawrence Moore Coffeyville Journal: Eleanor Kee Coffeyville Leader: Roy Benedict Emporia Times: May Clausen Hutchinson News Herald: Jack Harris Kansas City Kansan: C. E. Nohe, Ruth

Kendall Lawrence Journal: Robert Busby, Doff

Simons Manhattan Mercury: Fay Seaton

McPherson Daily Republican: W. Krehbeil

Mulberry News: Ernest Cattaneo

#### RADIO EDITORS AND WRITERS

Virgil

Osborne County Farmer: Charles E. Mann
Oswego Independent: W. A. Blair
Pittsburg Advertiser: A. C. Runyan
Salina Journal: Roy Bailey
Topeka Capital: E. D. Keilmann
Topeka State-Journal: Eileen Reinhardt
Weir City Spectator: Minnie A. Butler
Wichita Beacon: S. A. Coleman

KENTUCKY

Wichita Eagle; Randy Brown,

Quinlisk

Henderson Gleaner Journal: Walker Smith Kentucky New Era (Hopkinsville): **Dudley Taylor** Lexington Herald-Leader: Richard Ferguson, Charles G. Dickerson Journal-Courier & Times: Louisville James Sheehy, Grady Clay Owensboro Messenger & Inquirer; Le-Roy Woodward. John Potter Park City Daily News (Bowling Green): Alvis Temple

#### LOUISIANA

Lafayette Advertiser-Gazette: T. M. Callahan New Orleans Item & Tribune: Edith Ballard

New Orleans States & Times-Picayune:
Mercedes Mateu

Shreveport Journal: Fred Currie Shreveport Times: R. K. Butcher, Pat White

#### MAINE

Bangor Daily Commercial: B. M. Havey Bangor Daily News: John O'Connell Kennebec Journal (Augusta): Ruth Fossett

Lewiston Sun-Journal: Miss Mitchell Le Massager (Lewiston): Miss LeBlond Portland Press-Herald & Evening Express: Ruth Fossett, F. Erwin Cousins, Nathaniel E. Gordon

Portland Sunday Telegram: Guy Sinclair, Hal Cram

Waterville Morning Sentinel: Ruth Fossett

#### MARYLAND

Baltimore News-Post & Sunday American: J. Hammond Brown
Baltimore Evening Sun: Harry Stewart
Baltimore Morning Sun: E. J. Chapman
Baltimore Sunday Sun: Harry Haller,
Frances Hiss
Baltimore Home News: Howard Burman

Queen Annes Record (Centreville): Al Simon (1540 Broadway, N. Y. C.) Cumberland Guide: Stanley Fields

#### MASSACHUSETTS

Attleboro Sun: Ethel MacDonald
Berkshire Evening Eagle (Pittsfield):
Kingsley Rex Fall
Boston American & Record & Adver-

Boston American & Record & Advertiser: Newcomb F. Thompson, Mr. O'Connell

Boston Globe: Elizabeth L. Sullivan Boston Herald-Traveler: Alice Quinlan Boston Post: Howard Fitzpatrick Boston Transcript: Frederick W. Hobbs,

Morris Hastings Christian Science Monitor (Boston): Albert Hughes

Dalton Village Press: Frank W. Couch Greenfield Union: Graydon Spragg Lawrence Eagle & Evening Tribune: Sebastian Bartolotta

Lowell Courier-Citizen & Leader: Ethel

K. Billings
Lowell Leader: Ethel K. Billings
Lowell Sun: Charles G. Sampas
New Bedford Mercury: Paul Williams
New Bedford Standard Times: John Dakin, Jr.

Newburyport News: W. E. Bartlett Northfield Press: William Hoehn Springfield News & Republican; Richard C. Fernald

Springfield Union: Henry P. Lewis, Violet Tiffany

Taunton Gazette: James N. Lincoln
Waltham Times: Bill Canady
Worcester Telegram: Joseph Dine
Worcester Sunday Telegram & Evening
Gazette: Frederick L. Rushton, Don
Williams

#### MICHIGAN

Battle Creek Enquirer & News: Louis Sinclair

Bay City Democrat: Al Simon (1540 Broadway, N. Y. C.)

Detroit Free Press: Ruth Robinson, Frank Gill, Douglas Martin

Detroit News: Herschell Hart, Kenneth Manuel

Detroit Times: Wendell Parker, Pat Dennis, Maurie Walker

Detroit Times (Flint edition): Jim Kauffmann

Flint News-Advertiser: Irving Chimovitz

Flint Journal: Dave Hoff

Grand Rapids Press: George Zarafonetis Grand Rapids Herald: Tom Molloy

#### RADIO EDITORS AND WRITERS

Shopping News (Grand Rapids): Gordon Grand Rapids Press: Evelyn Husen

Ironwood Times: H. O. Somryson Lansing State Journal: Jerry Root Muskegon Chronicle: William Bowles Royal Oak Tribune: Floyd Miller Saginaw News: Leslie Wahl

#### MINNESOTA

Duluth News-Tribune & Herald: Nathan Cohen, Jim Watts

Eveleth Clarion: Eddie Coen

Minneapolis Star-Journal: George Grim, Elliot Tarbell, Jean Huck

Minneapolis Tribune: Phil Shipley, E. A. Ahlstrom, A. C. Cartright, Katherine Reiter

Moorhead News: Ed Eastman

Rochester Shoppers' News: Frances Ferguson

St. Paul Dispatch & Pioneer Press: Jules Steele, Oakes Miller, C. T. Peterson, Arnold Niemeyer

Willmar Daily Tribune: O. B. Auguston Republican-Herald: Winona Closway

#### MISSISSIPPI

Columbus Commercial Dispatch: Birney Imes. Sr.

Greenwood Commonwealth: Bob Upshur Jackson Advertiser: Charles R. G. Schimpf

Summit Sun: Charles W. McGehee

#### MISSOURI

Cassville Democrat: John P. Ray

Columbia Missourian: E. A. Soderstrom Jefferson City News & Tribunc: Robert Baker

Kansas City Journal: Dorothy Milo, Mary Hamam, Rob Locke

Kansas City Star: H. Dean Fitzer, V. S. Batten

Lamar Leader: R. B. Dool

Nevada (Mo.) News: Paul W. Yancey Side Community North News (St. Louis): H. E. Huneke

Southside Journal (St. Louis): Frank

Southwest City Republic: Joe Taylor Springfield Newspapers, Inc.: Billings

St. Joseph News-Press: Prentis Mooney

St. Louis Catholic: David Dunne

St. Louis County Leader (Clayton): F. ('ain

Louis Globe-Democrat: Harry La Mertha

St. Louis Post-Dispatch: James L. Spen-

St. Louis Star-Times: Dave Fredericks. Harriet Hagen

Webster Groves News-Times: Behmeyer

Wellston Journal (St. Louis): Arthur Donnelly

#### MONTANA

Great Falls Tribune: Lou Siniff

Western News (Hamilton): Miles Romney, Jr.

Wolf Point Herald-News: Fran Dolan

#### NEBRASKA

The Nonpareil (Council Bluffs): Louise Doty

Fremont Tribune: Lynn Fenstermacher Lincoln Star & Journal: Bruce Nicoll Norfolk Daily News: Art Thomas Omaha World-Herald: Keith Wilson

#### **NEW HAMPSHIRE**

Concord Monitor: R. H. Keeler Laconia Evening Citizen: Elwin Twombly Manchester Union: Bill Thornton Somersworth Free Press: Al Simon (1540 Broadway, N. Y. C.)

#### **NEW JERSEY**

Asbury Park Press: Miss Adams Atlantic City Press & Union: Howard P. Dimon

Bayonne Facts: Don Marshall

Bound Brook Chronicle News: Irving J.

Camden Argus: William H. Jeffries Camden Courier-Post: Marian Gibson South Jersey News (Camden): Law-

rence Casey East Orange Courier: Stan Coe Jersey Observer (Hoboken): Hannah Sul-

livan

Jersey Journal (Jersey City): C. J. Ingram

Long Branch Daily Record: Houston Brown

Newark Evening News: Hubert R. Ede Newark Star-Ledger: Jack Shafer

Newark Sunday Call: Albert Edwin Sonn New Brunswick Home News: Will Baltin Paterson Morning Call: Seymour Green-

wald Plainfield Courier News: Kenneth White

#### RADIO EDITORS AND WRITERS

Red Bank Daily Standard: John Barberio, Sid Wain

Red Bank Register: Thomas Brown Somerville Messenger Gazette: G. Wallace Conover

#### NEW MEXICO

Albuquerque Journal: Paul Wecks Albuquerque Tribune: Janet Kromer Duke City News (Albuquerque): Giles E. Wright

Radio Waves (Santa Fe); J. F. Pichler

#### NEW YORK

Albany Times Union: Douglas Dahm Binghamton Sun: Letitia Lyon Batavia News: B. J. Brown Brooklyn Eagle: Jo Ranson Brooklyn Tablet: Pat Scanlon Buffalo Courier-Express: Don Tranter Buffalo News: Joseph Betzer, Joseph Haeffner

Canton Commercial Advertiser: Gerald Fitzgerald

Canton Plain Dealer: Atwood Manley Elmira Advertiser: Charles Barber Elmira Star Gazette: George McCann Elmira Sunday Telegram: Ed Van Dyke Ithaca Journal: Lou Pickering Jamestown Evening Journal: Alfred Hill

Jamestown Post: Harold Swanson Long Island Reporter (Queens): Ernest Kraemer

Middletown Times-Herald: Raymond J. Dulye

Newburgh News: Wesley McGinn Associated Press (New York City): Charles Butterfield

Hudson Falls Record: Al Simon (1510 Broadway, N. Y. C.)

Jewish Day (New York City): Samuel Landau

Motion Picture Daily (New York City): Ed Greif

New York Enquirer: Paul Benson New York Herald Tribune: H. T. Rowe New York Journal-American: Tom Brooks

New York Mirror: Nick Kenny

New York Morning Telegraph: Mel Spie-

New York News: Ben Gross, Sid Shalit New York Post: Leonard Carlton New York Sun: E. L. Bragdon New York Times: T. R. Kennedy, Jr. New York World Telegram: Alton Cook P M (New York City): John McManus

Radio Guide (New York City): Wilson

The Billboard: Paul Ackerman

The Chief (New York City): Sylvester Point

United Press (New York City): Webb Artz

Variety (New York City): Bob Landry Niagara Falls Gazette: Bill Boles

Shore North News (Queens); Pete Dahlen

Ogdensburg Journal: Charles Cantwell Olean Times-Herald: Arthur Wakelee Plattsburgh Press: William Lynch Plattsburgh Republican: T. M. Farrell Poughkeepsie Sunday Courier: Ruth M.

Poughkeepsie Times-Herald & Evening Star: Oscar Junggren

Queens Evening News (Jamaica, L. I.): Larry Doyle

Rochester Democrat, Chronicle & Times Union: Donald Yerger

Rochester Abendpost: H. Stoll Rochester Sun: Orville II. Allen Schenectady Gazette: John Hume Schenectady Union-Star: Al Dorn, Doug-

las Fowler Syracuse Herald-Journal: Karel Vander Veer, Robert Hoffman

Syracuse Post-Standard: Jack Baker. John Grimes, Estella Hilligus

Syracuse Press: Louis Kosloff, Don Rich Troy Times: Albert De Mers Utica Observer-Dispatch & Press: W. T.

McGurty Watertown Times: Harold Johnson Yonkers Herald Statesman: Jack De Simone

#### NORTH CAROLINA

Asheville Advertiser: Walter Goan Durham Morning Herald: Fred Haney Durham Sun: Wyatt Dixon

Elizabeth City Independent: George W. Haskett

Franklinton Post: Tex Davis Goldsboro Herald: Robert Conrov

Greenville News Leader: David Mosier

Greenville Reflector: David J. Wichard Hickory Record: Mary E. Willis Kannapolis Independent: J. Moore Mocksville Enterprise: Ollie McQuage Rocky Mount Telegram: Vernon Secriest Salisbury Evening Post: John Hardin,

Ralph Roberts Statesville Record: Al Simon Broadway, N. Y. C.)

Twin City Sentinel (Winston-Salem): Stu Rabb

#### RADIO EDITORS AND WRITERS

Wilmington Post: Charles West Wilson Daily Times: John Thomas Winston-Salem Journal: Stu Rabb

#### NORTH DAKOTA

Bismarck Capital: Charles Goodwin Bismarck Tribune: William Moeller Fargo Forum: Roy Johnson Jamestown Reminder: Don Davis Jamestown Sun: Urb Muenz Mandan Daily Pioneer: Forrest Edwards Peoples' Opinion (Valley City): I. J. Moe Shoppers' Guide (Fargo): Bill Walker Stutsman County Record (Jamestown): Eva Plunkett Valley City Times-Record: Phil Marks

#### OHIO

Akron Beacon Journal: Dorothy Doran Ashtabula Star Beacon: Jack Gotshall Canton Repository: Clifford Grass Cincinnati Enquirer: Andrew Foppe Cincinnati Post: Paul Kennedy Cincinnati Times-Star: France Raine Cleveland Plain Dealer: Robert S. Stephen Cleveland Press: Norman Siegel Cleveland News: Elmore Bacon Columbus Citizen: Norman Nadel Columbus Dispatch: Grant Dillman Ohio State Journal (Columbus): Harold Eckert

Conneaut New Herald: James Mohan Dayton Journal-Herald: Bob Maltby, Bob

Cuinutte, A. S. Kany Dayton News: Chuck Gay

Geneva Free Press: C. A. Bonsor Johnstown Independent: Harold M. Man-

Lima News: Richard F. Moffat Marion Star: Robert Byrd Middletown Journal: Paul J. Day

Painesville Telegraph: Harold Johnson Portsmouth Times: Carl Hess

Salem News: Ray L. Dean

Springfield News: Richard Walvert

Springfield Sun: Justin Henley Steubenville Herald Star: Oral Flug

Toledo Blade: Richard Pheatt

Toledo Times: Chester Morton, Mitch Woodbury Record-Herald: Washington Christine

Surtzer

Xenia Gazette: Mildred Mason

Youngstown Vindicator: Caroline Mac-Donald

Zanesville News: Don Wiseman

#### OKLAHOMA

•

Ada Evening News: Paul Hughes Enid News-Eagle: Harold Baker Norman Transcript: Ida Sloan Oklahoma City Oklahoman & Times:

Marshall Moore

Shawnee Evening Star: Jack Spencer Shawnee Morning News: Harold Humphrey

Radio Topics (Tulså): Glenn Condon

Tulsa Tribune: Bill Stevens

Tulsa World: Lee Earhart, Harry La Ferte

#### OREGON

Albany Democrat-Herald: Walter Coover Bend Bulletin: Jim Brenton Coos Bay Times (Marshfield): Red Hor-

nish Eugene Morning News: Arthur Prioux

Eugene Register Guard: William Tug-

Grants Pass Courier: A. E. Voorhies Kelso Publishing Co.: Carlton Moore Portland Journal: Lawrence Gilbertson Portland Oregonian: William Moyes

#### PENNSYLVANIA

Altoona Mirror: Jack M. Rickabaugh Allentown Call-Chronicle: Russ Worman Connellsville Courier: James Driscoll,

Donora Herald-American: Russell Isminger

Erie Dispatch-Herald: C. B. Hollinger, A. J. White

Erie Daily Times: Charles Wells Franklin News-Herald: Robert Davis, H. Jeanne Johnston

Homestead Messenger: Ida Ahlberg Johnston Democrat: John Sheridan Johnstown Tribune: Harry E. Hesselbein Latrobe Bulletin: William S. Robbins

Nanticoke Daily Press: Al Simon (1540 Broadway, N. Y. C.)

North East (Pa.) Breeze: Forest Hopkins

Olyphant Gazette: Joseph F. Sroka Philadelphia Bulletin: Elmer Cull Philadelphia Inquirer: Frank Rosen Philadelphia News: Raymond Gathrid Philadelphia Public Ledger: George Opp Philadelphia Record: George Lilley Pittsburgh Post-Gazette: Vincent Johnson

Pittsburgh Press: Si Steinhauser

Pittsburgh Sun-Telegraph: Sam Kennedy

#### RADIO EDITORS AND WRITERS

Radio Press (Philadelphia): Norman Jay Scrantonian-Tribune: Scranton Alex Thomson

Sharon Herald: Harold Polonus Sunbury Daily-Item: Reg Meraiden Uniontown Evening Genius: Phil Connelly

Uniontown Morning Herald: James Chi-

Uniontown News Standard: George Grav Wilkes-Barre Sunday Independent: Paul J. Walker

Wilkes-Barre Record: Fred Johnson, Joseph Collis

Wilkes-Barre Times-Leader: Joseph Murphy

Williamsport Gazette & Bulletin: Quentin Beauge

Williamsport Sun: Mark Good

#### RHODE ISLAND

Newport Herald: Frances Flannery Newport News: Clifton Holman Pawtucket Times: Frank Healy Providence Journal & Bulletin: Ben Kaplan

#### SOUTH CAROLINA

Anderson Independent: S. A. Hall Anderson Daily Mail: J. B. Hall Belton News: Mr. Coward Charleston News & Conrier: T. R. Waring Charleston Evening Post: Manning Rubin Columbia Record: Caldwell Withers, G. R. Buchannan Columbia State: S. L. Latimer Florence Morning News: Roy Graham Florence Evening Star: J. A. Zeigler Greenville News & Piedmont: James Dawson, Glenn Adams Spartanburg Herald & Journal: Don West, S. S. Wallace

#### SOUTH DAKOTA

Brookings Register: C. H. J. Mitchell Pierre Capital-Journal: Charles D. Anderson Rapid City Graph-Ad: Carl Holmgren Yankton Press & Dakotan: Fred H. Monfore

#### TENNESSEE

Chattanooga News-Free Press: Ralph Sanders

Chattanooga Evening Times: Warner Rav

Jackson Sun: James Elliott

Press-Chronicle: Johnson City Carl Jones. Jr.

Johnson City Times: James Quillan Kingsport Times: Frank Rule Knoxville Journal: Frank Larkin

Knoxville News-Sentinel: Glenn McNeil, Dick Golden

Memphis Commercial Appeal: Robert Gray

Memphis Press-Scimitar: Robert Johnson

Nashville Tennesean: Robert M. Seals Nashville Banner: Milton Randolph

#### TEXAS

Abilene Reporter-News: Wendell Bedichek, Bruce Francis

Amarillo Globe & News: Wes Izzard, Dick Martin

Amarillo Howard Times: Arnberg. George May

Austin Tribune: Ray Brown, John Babcock

Austin American-Statesman: Bill Weeg, Ruth Lewis

Beaumont Enterprise: Merita Mills Beaumont Journal: Eva Feinberg Big Spring Herald: Bob Whipkey Corpus Christi Chronicle: W. J. Light

Dallas Journal: Bill Fisher

Dallas News: Victor Davis, Fairfax Nesbitt

Dallas Times-Herald: Douglas Hawley El Paso Herald-Post: R. A. Michael

El Paso Times: Ray Stover

El Continental (El Paso): Glenn F. Nichols

Fort Worth Press: Morris Boykin Fort Worth Star-Telegram: Bill Potts. Thane Engle

Houston Chronicle: Mildred Stockard Houston Post: Lois Cain

Houston Press: Tony Trapolino

Lamar County Echo (Paris): Lon Boynton

Midland Reporter-Telegram: Kathleen Eiland

News-Foto (San Angelo); Bob Reed Odessa American: Mabel Bishop Kimball Pampa News: Tex DeWeese

Pampa Press: Helen Montgomery Paris News: Dub Furev

Port Arthur News: Grace Foote

San Angelo Standard Times: Dean Chenoweth

#### RADIO EDITORS AND WRITERS

San Antonio Express: A. W. Grant, Ed Spill

San Antonio Light: Renwicke Carey San Antonio News: Mary Louise Walliser San Saba News: N. W. Trussell Sherman Daily Democrat: W. E. Adkins Temple Daily Telegram: C. Gresham Texarkana Gazette & News: J. Q. Ma-

haffey

Tyler Courier-Times: T. Call Vernon Daily Record: R. H. Nichols, W. D. Dixon

Victoria Advocate: Chester Evans Wichita Falls Daily Times: Louis T. Hamlett

#### UTAH

Iron County Record (Cedar City): Morgan Rollo

Ogden Standard Examiner: Ethel G.

Provo Daily Herald: Ernest Rassmussen

#### VERMONT

Burlington Daily News: Gilbert Hammond

Waterbury Record: Bill Picker

#### VIRGINIA

Bristol Herald Courier: Bob Loving Newport News Daily Press: Lewis T. Jester

Newport News Times-Herald: William M. Harrison

Norfolk Ledger Dispatch: Charles Hoof-

nagle Norfolk News-Index: W. E. Debnam

Norfolk Virginian-Pilot: C. Philip Donnell

Petersburg Progress-Index: Herb Tur-

Richmond News-Leader: Elizabeth C. Norfleet

Richmond Times-Dispatch: James Birchfield, Norman Rowe

Roanoke Times: William Atkinson Roanoke World-News: C. B. Thornton Suffolk News Herald: W. H. Harry

#### WASHINGTON

Aberdeen World: Kenneth Schell

Associated Country Newspapers (Spokane): Margaret Porter

Bremerton Daily News Searchlight: Myra Spencer

Centralia Chronicle: Ray Edinger Chehalis Advocate: Chapin Foster Clark County Sun (Vancouver): Marion Sexton

Grays Harbor Washingtonian (Hoquiam): Murray Morgan

Inland Empire News (Spokane): Sherman Blake

Longview Daily News: Mary Kerr Metropolitan Record (Spokane): Leo Secord

Radio Review (Seattle): Nick Hughes Raymond Advertiser: W. A. Kennedy Seattle Post-Intelligencer: Eddie Mitch-

ell, Paul Tieche Scattle Star: John Randolph Smith, Randy Scott

Seattle Times: Robert Heilman

Spokane Daily Chronicle: Wafford Conrad

Spokane Spokesman-Review: Johnsrud

Tacoma News Tribune: Chas. B. Welch, Elmer Voegle, Jerry Warden Tacoma Times: Joseph Mitchell

Twin City News (Stanwood): Raymond Horn

Vancouver Columbian: Elena Sbedico Walla Walla Union Bulletin: H. Sherman Mitchell, R. W. Fisher Zillah Mirror: John Roberts

#### WEST VIRGINIA

Beckley Independent Observer: Norman Stoken

Bluefield Daily Telegraph: Bill Blake Charleston Mail: Mr. Absolom Charleston Gazette: Major Beane Clarksburg Exponent: George Clark Clarksburg Telegram: Frank Carpenter Huntington Herald, Advertiser & Dis-

patch: II. R. Pinckard, Jim Haworth, Gene Brown, William C. Esther

Logan Banner: Charlie Hilton

Logan County News: Judy Boone Williamson Mingo Republican: Frank Sohn

#### WISCONSIN

Janesville Gazette: Ann Tenny

Kenosha Evening News Evelyn M. Johnston

Madison Capital Times: K. F. Schmitt Wisconsin State Journal (Madison): William L. Doudna

Madison Daily Cardinal: Lyman Nordhoff Menominee Herald-Leader: Gene Worth

#### RADIO EDITORS AND WRITERS

Merrill Herald: W. B. Chilsen Milwaukee Journal: Edgar Thompson Milwaukee Evening Post: Elmer Krahn, A. C. Tews

M. C. Tews
Milwaukee Sentinel: Buck Herzog
Mosinee Times: F. F. Schweinler
Racine Journal-Times: Paul Fry
Shorewood Herald (Milwaukee): Mr.
Murphy

#### WYOMING

Wyoming Eagle (Cheyenne): Irene Buhl Wisconsin Rapids Tribune: James M. Felker Wyoming Tribune (Cheyenne): Louis Phillips

#### ALASKA

Fairbanks Daily News-Miner: Georg Nelsson Meyers

#### TERRITORY OF HAWAII

Hilo Tribune Herald: Ken Beyerley Honolulu Star-Bulletin: Paul Findeisen Maui News (Wailuku): Ez Crane, Jr., Bob Chatterton

#### ALBERTA

Cardston News: Jean Burton
Edmonton Bulletin: Jack Deprose
Edmonton Journal: Gordon MacCallum
MacLeod Gazette: H. T. Halliwell
Radio Flashes (Edmonton): H. G. Turner

The Mike (Grand Prairie): Gordon Cummings

#### BRITISII COLUMBIA

Vancouver News-Herald: Ralph Daly Vancouver Province: Helen Walls Vancouver Sun: William Newell, Rouald

Victoria Daily Colonist: B. Fletcher Victoria Times: N. Loudon

#### •

Flin Flon Miner: Lois Avery Flin Flon Times: Chris Thortensten Winnipeg Free Press; Peter B. Whittall Winnipeg Tribune: Denny Brown

MANITORA

#### **NEW BRUNSWICK**

Campbellton Graphic: Al Anslow Campbellton Tribune: Harold Crockett Delhousie News: George Christie St. John Telegraph Journal & Times-Globe: Christine A. Fewings

#### ONTARIO

Clinton News-Record: G. E. Hall
Dial Radio Magazine (Timmins): Dennis
Braithwaite
Hamilton Spectator: Miss Brown

London Free Press: L. N. Bronson Kincardine News: Arthur Rogers Ottawa Citizen: C. Milne Ottawa Journal: M. Taschereau Le Droit (Ottawa): Y. Berian Owen Sound Sun-Times: M. Dulmadge St. Catherines Standard: Don Smith Seaforth Huron Expositor: A. Y. McLean Stratford Beacon-Harald: T. J. Dolan, Miss L. W. Gibson

Sudbury Star: Bill Valentine
Teeswater News: V. A. Statia
The Echo (London): Harry G. Link
Timmins Press: Jack Marks
Toronto Globe & Mail: Charles Jenkins
Toronto Star: Louis Chambers, Jr., J.

Toronto Telegram: James Hunter

#### **QUEREC**

La Patrie (Montreal): M. Carbonneau

La Presse (Montreal): Jean Desnechaud

La Voix Populaire (Val D'Or): Lucien

Godin

L'Illustration (Montreal): Marc Thibeault

L'Action Catholic (Quebec): Jean-Thomas Perron

Le Soleil & L'Evenement (Quebec): Renaude Lapointe, Jean Louis Gagnon, Germaine Bundock

Montreal Gazette: Thomas Archer Montreal Herald: Owen Shannon Montreal Standard: T. C. Gannon Montreal Star: R. Haviland Val D'Or Star: Earl Beattie

#### SASKATCHEWAN

Moose Jaw Times-Herald: Vic Mackie Regina Post-Leader: Gaston J. Johnson Western Spotlight (Moose Jaw): Mac McBride

## **PUBLICATIONS**

Covering the Field of Radio

#### TRADE — FAN — TECHNICAL — GENERAL

#### The Advertiser

MONTHLY, 3557 Bogart Ave., Cincinnati, Ohio. Phone, AVon 6825. Editor and Publisher, Manuel Rosenberg; Business Manager, Simon Rosenberg; Adverness Manager, Simon Rosenberg, Advertising Manager, R. Maxwell Jason; Circulation Manager, S. J. Davis; Radio Editors, Cress Little, Rosaline Greenc. BRANCH OFFICES: 11 West 42nd St., New York, N. Y., L. M. MacMillan; 1138 Lake Shore Drive, Chicago, Ill., L. R. Dean. The Advertiser carries articles on radio's progress as an advertising medium; also news of advertisers' and agencies' activities in the radio and advertising fields.

**Advertising Age** 

WEEKLY. 100 East Ohio St., Chicago, REALT. 100 Fast Onlo St., Chicago, Ill. Phone, Delaware 1337. Publisher, G. D. Crain, Jr.: Editor, S. R. Bernstein, BRANCH OFFICE: 330 W. 42nd St., New York, N. Y.; Irwin Robinson, Managing Editor, Treats radio strictly from the merchandising rigomorphic switch details. viewpoint; prints details of networks and talent used, but does not use material dealing with show-business phases of radio; also regularly prints statistical material on broadcasting, such as volume of time sales for major networks, and money spent on air by leading national advertisers, as well as news and discussions of broadcast trends and developments of interest to advertisers and advertising agencies.

Advertising & Selling

MONTHLY. 9 E. 38th St., New York, N. Y. Phone, CAledonia 5-9770. Published by Robbins Publishing Co. President, J. H. Moore; Editor, F. C. Kendall; Advertising Manager. Robert G. Allison. BRANCH OFFICES: 1328 Peoples Gas Bldg., Chicago, Ill., Harry Hoole, Western Adv. Mgr.; 714 West 10th St., Los Angeles, Calif., Ned Brydone-Jack, Representative; 161 Spring St., N.W., Atlanta, Ga., A. D. Van Allen, Southern Representative. Limited largely to inter-Representative. Limited largely to interpretation of major trends in the operation of radio advertising from point of view

of network, agency, and sponsor. Major personnel changes and network time sales are reported periodically. phasis in all coverage of radio activity is on pictorial elements involved.

#### Air Law Review

QUARTERLY. 100 Washington Sq., E., New York, N. Y. Phone, SPring 7-2000. Publisher, Board of Air Law Review of New York University; Editor, Prof. Alison Reppy. Contains articles of technical interest on aviation and radio law; current comment on present-day problems of air law; notes and comment on important recent decisions and legislation; bibliographical section covering check-list and index of articles on air law in legal periodicals.

#### **Bell Laboratories Record**

MONTHLY. 463 West St., New York, N. Y. Phone, CHelsea 3-1000. Editor, P. B. Findley. Confines itself to the work and developments of Bell Telephone Laboratories. This publication is designed to strike a median level between the popular stories of the radio magazines and the technical presentations of the professional journals.

#### **Bell System Technical** Journal

QUARTERLY. 195 Broadway, New York, N. Y. Phone, EXchange 3-9800. Publisher, American Telephone & Tele-graph Co. Editor, R. W. King. Scien-tific discussions of developments in wire and radio-telephony, telegraphy, television and broadcasting facilities.

Bell Telephone Quarterly
QUARTERLY. 195 Broadway, New York, N. Y. Phone, EXchange 3-9800. Publisher, Information Department of the American Telephone & Telegraph Co. Bell Telephone Quarterly publishes historical, technical and statistical information concerning communications, particularly with regard to the operations of the Bell Telephone System.

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**NEW YORK CITY** 

#### The Billboard

WEEKLY. 25 Opera Place, Cincinnati, Ohio. Phone, Main 5306. Publisher, The Billboard Publishing Co.; Editors, Elias E. Sugarman and A. C. Hartman; Radio Editor, Paul Ackerman (New York); Los Angeles Correspondent, Dean Owen; General Manager, E. W. Evans; Advertising Manager, C. J. Latscha. BRANCH OFFICES: Ashland Bldg., Chicago, Ill.. R. S. Littleford, Jr., Manager; 1564 Broadway, New York, N. Y., Elias E. Sugarman, General Manager. The editorial policy of this publication's radio department is concerned with the showmanship, talent and business phases of the broacasting industry.

**Boxoffice** 

WEEKLY. 9 Rockefeller Plaza, New York, N. Y. Phone, Columbus 5-6370. Publisher, Ben Shlyen; Editor-in-Chief and Associate Publisher, Maurice Kann; Eastern Editor, William Ornstein; Chicago Correspondent, Hal Tate; Hollywood Manager, Ivan Spear; Advertising Manager, Louis Rydell. Covering briefly all radio developments of interest to the motion picture industry.

## Broadcasting—Broadcast Advertising

WEEKLY. National Press Bldg., Washington, D. C. Phone, Metropolitan 1022. Publisher, Martin Codel; Editor, Sol Taishoff; N. Y. Correspondent, Bruce Robertson; Chicago Correspondent, Edward Codel; Los Angeles Correspondent, David Glickman; Business Manager, Norman R. Goldman; Advertising Manager, Maury Long (New York). Trade journal of the broadcasting and broadcast advertising fields.

#### **Broadcast News**

FOUR TIMES YEARLY. C/o RCA Manufacturing Co., Camden, N. J. Editor, P. V. Lutz. Broadcast News publishes technical material of interest to broadcast station engineers.

#### **Business Promotion**

MONTHLY. Merchandise Mart, Chicago, Ill. Phone, Whitehall 6614. Publisher, Henry G. Bunting; Advertising Manager, Van Asmus Bunting; Promotion Manager, R. J. Christopher; Radio Editor, A. C. Tisdahl. BRANCH OFFICE: 130 West 42nd St., New York, N. Y. Phone, LOngacre 3-4684. Business Promotion publishes information concerning all premium, prize and adver-

tising-gift offers on the radio. Readers are sales promoters and all users of premiums and gifts as sales promotional material.

Canadian Advertising

QUARTERLY (January, April, July and October). 481 University Ave., Toronto, Ont., Canada. Phone, Adelaide 9131. Publisher, MacLean Publishing Co.; Managing Editor, W. B. Hart; Manager, B. G. Newton; Advertising Manager, J. E. Gordon; Data Editor, Jean R. Gemmell. BRANCH OFFICES: Dominion Square, Montreal, Canada; 919 N. Michigan Ave., Chicago, Ill.; 522 Fifth Ave., New York, N. Y. This publication is an advertising media reference book which includes a listing of Canadian radio stations, their rates, time on the air, power, frequency, etc.; besides media references it contains articles reviewing advertising activities in Canada.

Commercial Broadcasting

FORTNIGHTLY. 146 Fovcaux St., Sydney, Australia. Phone, FL 3054. News Editor, L. Lippman; Managing Editor. Oswald F. Mingay; Advertising Representative, Hugh Travenner; Technical Editor, J. R. Edwards. BRANCH OFFICE: R. W. Pfeil, 239 Collins St., Melbourne, Victoria. A trade newspaper relating to commercial broadcasting and of particular interest to, and circulating among national advertisers, station advertisers, advertising agents and broadcasting stations in Australia.

#### Commercial Broadcasting Rate Book

SEMI-ANNUALLY. 146 Foveaux St., Sydney, Australia. Phone, FL 3054. Managing Editor, Oswald F. Mingay; Editor, Leo Lippman; Advertising, Hugh Trevenner. BRANCH OFFICE: 239 Collins St., Melbourne, Victoria. Phone, Central 442 Commercial Broadcasting Rate Book is published in January and July and contains the rate cards of all Australian and New Zealand commercial broadcasting stations.

#### Commercial Broadcasting Yearbook of Australia

YEARLY, 146 Foveaux St., Sydney, Australia. Phone, FL 3054. Managing Editor, Oswald F. Mingay. Editor, Leo Lippman; Advertising, Hugh Travenner. BRANCH OFFICE: R. W. Pfeil, 239 Collins St., Melbourne, Victoria. Commercial Broadcasting Yearbook contains prac-



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MONTHLY. 19 East 47th St., New York, N. Y. Phone, Plaza 3-0483. Pub-lisher, Bryan Davis Publishing Co., Inc.; Editor, R. D. Rettenmeyer; Business Manager, B. S. Davis; Advertising Manager, Paul S. Weil. Circulates among engineers, executives and other personnel engaged in the design, manufacture, installation, operation, service and main-tenance of radio and wire communications, broadcast stations-police, marine, aeronautical radio and other point to point services-sound recording and projection-public address-television and picture transmission—and in the manufacture of all radio equipment and accessories, components and instruments used in these fields.

#### Down Beat

TWICE MONTHLY. 608 S. Dearborn St., Chicago, Ill. Phone, Harrison 5540. President and Editor, Glenn Burrs; Business Manager and Secretary-Treasurer, Carl Cons; Advertising Manager, Tom Herrick; Auditor, R. V. Peters; Circu-lation Manager, Scott Payne. BRANCH OFFICES: Wellington Hotel, New York, N. Y., Ed Flynn; 1417 Georgia St., Los Angeles, Calif., Charles Emge. Down Beat publishes music news on a national basis covering professional and amateur musicians, radio and recording.

#### **Editor** and Publisher

WEEKLY. 1700 Times Bldg., New York, N. Y. Phone, BRyant 9-3052. President, James W. Brown; Publisher, James W. Brown, Jr.; Editor, Arthur T. Robb; Managing Editor, Warren L. Bassett; General Manager, Charles B. Groomes; Advertising Director, Charles T. Stuart; Chicago Correspondent, G. A. Brandenburg; Los Angeles Correspondent, Ken Taylor; Washington Correspondent, James J. Butler. Prints radio news of interest to the newspaper and advertising fields; news of newspaperowned stations; station applications by newspapers; FCC rulings, etc.

Education by Radio
QUARTERLY. One Madison Ave.,
New York, N. Y. Phone, CAledonia 56965. Publisher, National Committee on Education by Radio; Editor, S. Howard Evans. This publication is edited in line with the purposes of the National Com-

mittee on Education by Radio, which acts as a spokesman for organized education, aiding and encouraging non-commercial educational stations and promoting cooperation between educators and commercial broadcasters. It is one of the means by which the committee acts as a clearing house for information about education by radio.

#### Electrical Communication

QUARTERLY. 67 Broad St., New York, N. Y. Phone, BOgardus 9-3800. Editor, H. T. Kohlhaas. Electrical Communication is a technical journal and house organ published by the International Standard Electric Corp. and is devoted to progress in the telephone, telegraph and radio art.

#### Electrical Digest

MONTHLY. 137 Wellington St., West, Toronto, Ont., Canada. Phone, Adelaide Publisher, Muir Publications; Editor, J. Murray Muir; Assistant Editor, J. D. Welsh. Electrical Digest presents digests of leading articles on developments and progress in all electrical fields, including radio and com-munications. Content is edited from a technical standpoint for the benefit of electrical engineers and executives.

#### **Electronics**

MONTHLY. 330 West 42nd St., New York, N. Y. Phone, MEdallion 3-0700. Publisher, McGraw-Hill Publishing Co.; Editor, Keith Henney; Managing Editor, Donald G. Fink; Assoc. Editor, Beverley Dudley; Assistant Editor, Craig Walsh; Chicago Correspondent, Branch Office; Los Angeles Correspondent, Branch Office; Business Manager, H. W. Mateer; Sales Manager, Wallace B. Branch 520 North Offices: Blood Michigan Ave., Chicago, Ill., Charles Wardner; 1510 Hanna Bldg., Cleveland, Ohio, Leonard P. Canty; 16 South Broad St., Philadelphia, Pa., Frank Coyle; 883 Mission St., San Francisco, Cal., R. N. Phelan; 1105 Rhodes-Haverty Bldg., Atlanta, Ga., Ralph Maultsby. A magazine for executives, engineers and operations men in radio, communication including facsimile and television, industrial applications in the electronic fields -Design-Engineering-Manufacture.

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cations Bar Association; Editor-in-Chief, Percy II. Russell, Jr.; Associate Editors: Alan B. David, Stephen H. Fletcher, Frank U. Fletcher, Maurice M. Jansky, Joseph E. Keller, John W. Kendall, Harry P. Warner, Joseph F. Zias. This publication is a house organ for the Federal Communications Bar Association and contains news and information concerning the legal activities of the FCC as well as other radio legislative material.

Film Daily

DAILY, 1501 Broadway, New York, N. Y. Phone, BRyant 9-7117. Publisher, John W. Alicoate; General Manager, Donald M. Mersercau; Editor, Chester B. Bahn; Los Angeles Correspondent, Ralph Wilk; Chicago Correspondent, Joseph Esler. BRANCH OFFICE: 6425 Hollywood Blvd., Hollywood, Cal., Ralph Wilk. The Daily Newspaper of Motion Pictures: FILM DAILY reports the news of every phase of the motion picture and allied industries.

#### FREC Service Bulletin

MONTHLY. Federal Radio Education Commission, c/o U. S. Office of Education, Washington, D. C. Editor, Leonard Power. This publication is distributed free to broadcasters and educators. Its purpose is to serve as a medium of the exchange of information concerning education through radio on a national scale. Activities of all educational groups using radio are reported.

#### General Radio Experimenter

MONTHLY. 30 State St., Cambridge, Mass. Phone, TRObridge 4400. This publication is a house organ for the General Radio Co. and contains descriptions of the latest radio and electrical measuring instruments and their applications. The appeal is to scientists, engineers and technicians engaged in development, research and maintenance of radio and industrial electrical equipment.

#### Heinl Radio News Service

2400 California St., Washington, D. C. Phone, Hobart 2400. Publisher, Robert D. Heinl; Editor, Robert D. Heinl. There are two services, one of which goes twice each week to a number of newspapers; the other going to various radio station subscribers.

#### **Hollywood Reporter**

DAILY (Five days weekly). 6715 Sunset Boulevard, Hollywood, Cal. Phone, Hillside 7411. Editor and Publisher, W. R. Wilkerson; Managing Editor, Frank Pope; Business Manager, A. J. Oliver; Assistant to Publisher, George Kennedy; Manager of New York Office, Jack Harrison; Radio Editor, Charles Spangler, BRANCH OFFICES: 229 West 42nd St., New York, N. Y., Manager, Jack Harrison, Phone, Wisconsin 7-2470; 540 No. Michigan Ave., Chicago, Ill.; 2. Deanery Mews, Park Lane W. 1, London, England; Erzebet Korut 7, Budapest; Gratte Ciel, Antwerp; Pelayo 1, Barcelona; Kungsgatan 28, Stockholm; 198 Pitt St., Sydney; San Martin 501, Buenos Aires. A publication devoted to the Motion Picture industry, its allics, and radio.

**Industrial Marketing** 

MONTHLY (Except October). 100 East Ohio St., Chicago, Ill. Phone, Delaware 1337. Publisher, G. D. Griffin, Jr.; Editor, Ralph O. McGraw. BRANCH OFFICE: 330 West 42nd St., New York. N. Y. This publication prints all available news stories about the use of radio by industrial marketers.

#### International Short Wave Radio

MONTHLY. 923 Vine St., East Liverpool, Ohio. Phone, Main 3546 W. Editor, Arthur J. Green. This publication is a house organ for the International Short Wave Radio Club and is devoted to short wave radio. It publishes a tuning guide for listeners, news on new stations, changes in frequency, verifications, identifications of stations and personal items about the reader-members.

#### Listeners Digest (Scribner's Commentator Magazine)

MONTHLY, 654 Madison Ave., New York, N. Y. Phone, REpublic 4-4280. Editor and President, George T. Eggleston; Managing Editor, Biron Getze; Associate Editor, Edward T. Majeski; Radio Editor, George M. Moffett, Jr.; Editorial Assistant, Margaret Dreeland. Listeners Digest is a section (nearly half) of Scribner's Commentator. Editorial content consists of what the editors consider the best programs on the air, including speeches, dramas, scientific studies, humor and a selection of short quotations.

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#### Metronome

MONTHLY. 119 West 57th St., New York, N Y. Phone, CIrcle 7-4500. Publisher, Metronome Corp. Editors, Richard B. Gilbert and George Simon; Chicago Correspondent, M. W. Hall; Hollywood Correspondent, Jack Hirshberg; Pittsburgh Correspondent, Sid Dickler; Miami Correspondent, Mickey Cherep. This publication is a trade journal in the field of popular music, giving world coverage on news of the dance band and popular music fields, radio, band and record reviews, interviews, gossip and personality stories, domestic band routes, instruction departments conducted by leading exponents of the various dance band instruments.

Motion Picture Daily

DAILY. 1270 Sixth Ave., New York. N. Y. Phone, CIrcle 7-3100. Publisher. Martin Quigley; Editor, Sam Shain; Chicago Correspondent, I. Yergin; Los Angeles Correspondent, W. R. Weaver; Business Manager, T. J. Sullivan; Radio Advertising Manager, Robt. Harrison. BRANCH OFFICES: 6305 Yucca St., Hollywood, Calif.; 624 S. Michigan Ave., Chicago, Ill.; 4 Golden Square, London W-1, England. Spot news coverage; also radio reviews and columns.

#### Movie-Radio Guide

WEEKLY. 731 Plymouth Court, Chicago, Ill. Phone, Wabash 5050. Publisher, M. L. Annenberg; General Manager, Ed. Zoty; Editor, Curtis Mitchell; Associate Editor, Martin Lewis; Advertising Manager, Harry Hayden; Western Editor, Evans Plummer; Eastern Editor. Wilson Brown; Circulation Manager. Gilbert Keene. BRANCH OFFICES: 551 Fifth Ave., New York, N. Y., Phone, MUrray Hill 2-4690; 9059 Sunset Blvd., Hollywood, Calif. Movie-Radio Guide is

a fan publication printed in 18 sectional editions covering the entire United States and Canada. It contains program schedules of all important stations in each area for the week in advance; news and gossip stories and pictures of movie and radio artists; reviews, etc.

**Moving Merchandise** 

(Successor to Modern Advertising) MONTHLY. 137 Wellington St., West, Toronto, Ont., Canada. Phone, WAverly 2711. Publisher, Charlton-Wrigley, Ltd.; Editor, D. E. A. Charlton; Business Manager, G. B. Wrigley. This publication is devoted to the improved selling of consumer goods and contains a special department, "Broadcast Promotion," which reports activities of radio stations and radio programs in Canada.

#### Music Trade Review

MONTHLY. 1270 Sixth Ave., New York, N. Y. Phone, CIrcle 7-5842. Editor, Glad Henderson; Executive Editor, Carleton Chace. Music Trade Review has a monthly department on radio, radio-combinations, records, etc., comprising news of the trade and merchandising articles for the benefit of the retail music merchant.

#### The Music Trades

MONTHLY. 113 West 57th St., New York, N. Y. Phone, CIrcle 7-0522. Publisher, John F. Majeski; Editor, William J. Dougherty; Vice-President, Morrison Swanwick. BRANCH OFFICES: 304 South Wabash Ave., Chicago, Ill. Phone, Harrison 4544. The Music Trades is devoted to reports of current activities and new developments among manufacturers and dealers of all kinds of musical instruments including radio and phonograph.

#### Musical Advance

MONTHLY. 100 West 57th St., New York, N. Y. Phone, Circle 7-3206. Publisher-Editor, Spencer B. Driggs; Advertising Manager, V. E. Matlack; Radio Editor, F. Barber. BRANCH OFFICES: Publisher has representatives in London, Paris, Berlin, Rio de Janeiro as well as the large cities in U. S. and Canada.

#### Musical America

TWENTY TIMES YEARLY. 113 West 57th St., New York, N. Y. Phone, Circle 7-0522. Publisher, John F. Majeski; Editor, Oscar Thompson; Advertising Manager, M. A. Swaab. BRANCH

MODERN MUSIC AND ITS MAKERS OFFICE: 304 South Wabash Ave., Chicago, Ill. Phone, Harrison 4544. Musical America reports current musical events in the United States and all foreign centers of interest to musicians, music lovers, music clubs and students.

#### Musical Courier

TWICE MONTHLY, 119 West 57th St., New York, N. Y. Phone, CIrcle 7-4500. Publisher, Music Periodicals Corp.; Editor, Leonard Liebling; Managing Editor, Alfred Human; Chicago Correspondent, Rene Devries; Los Angeles Correspondent, Richard Drake Saunders, BRANCH OFFICES: 220 South Michigan Ave., Chicago, Ill., Rene Devries, Assoc. Editor; 5617 Hollywood Blvd., Hollywood Edit., Richard Drake Saunders, West Coast Manager; 6 Square Leon Guillot, Paris, France, Irving Schwerke, European Chief of Staff. Review of better class musical programs throughout the world in each issue; comments on broadcast programs.

Musical Digest

MONTHLY. 119 West 57th St., New York, N. Y. Phone, Circle 7-1124. Editor-Publisher, Pierre Key; Managing Editor, Irene E. Haynes. Musical Digest prints newsy notes and reviews on broadcasts of serious music as well as occasional comment on broadcasts by musical artists.

#### The Musician

MONTHLY. 113 West 57th St., New York, N. Y. Phone, Columbus 5-0470. Editor, Nicholas De Vene; Publisher, Eugene Belier. The Musician publishes news and comments on happenings in the music world as well as educational and analytic articles regarding serious music.

#### Parts

MONTHLY. 1270 Sixth Ave., New York, N. Y. Phone, Circle 7-5842. Editor, Glad Henderson; Advertising Manager, Charles H. Farrell; Circulation Manager, G. G. Lyon; Managing Editor, Daniel Webster; Merchandising Editor, Eugene Heslin. Parts is edited exclusively for radio parts and tube wholesalers and their sales staffs. It endeavors to cover all merchandising trends, new product developments and manufacturing merchandising policies.

Pick-Ups

QUARTERLY. 195 Broadway, New York, N. Y. Phone, Cortlandt 7-7700. Editor, Will Whitmore. This publication is a house organ of the Western Electric Co. and is distributed to customers of this company and of the Graybar Electric Co., to the personnel of broadcastng stations, police radio stations, aviation executives, schools, libraries and to others interested in all branches of commercial radio.

#### Printer's Ink

WEEKLY. 185 Madison Ave., New York, N. Y. Phone, AShland 4-6500. Publisher, Printers' Ink Publishing Co.; President, Roy Dickinson; Vice-President In Charge of Sales, Douglas Taylor; Editor, G. A. Nichols; Associate Editor In Charge of Radio, Eldridge Peterson; News Editor, Herbert L. Stephen. BRANCH OFFICES: 6 N. Michigan Ave.. Chicago, Ill., Andrew M. Howe, Associate Editor, and Gove Compton, Manager: 326 West Third St., Los Angeles, Calif., Joseph W. Conrow, Manager. Printers' Ink uses articles about radio as an advertising medium and as related to merchandising and distribution; also news of personnel changes and spot news that will interest radio advertisers from a business point of view.

#### Printer's Ink Monthly

MONTHLY. 185 Madison Ave., New York, N. Y. (For further information on personnel, addresses and editorial content see listing under "Printers' Ink.")

#### Proceedings of I. R. E.

(Institute of Radio Engineers)

MONTHLY. 330 West 42nd St., New York, N. Y. Phone, MEdallion 3-5661. Publisher, Inst. of Radio Engineers; Editor, Dr. Alfred N. Goldsmith; Business Manager, Harold P. Westman; Advertising Manager, John D. Crawford. The Proceedings is an engineering journal publishing technical paper on radio and allied subjects. Papers are published after review by two committees and the editor. Releases and other news cannot be used, but new commercial literature of engineering interest is listed each month.

#### Proceedings of the Radio Club of America

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#### Q S T

MONTHLY. West Hartford, Conn. Publisher, American Radio Relay League; Editor, Kenneth B. Warner; Managing Editor, Clark C. Rodimon; Advertising Manager, F. Cheyney Beekley; Circulation Manager. David H. Houghton, Technical Editor, George Grammer. This publication is the official organ of the American Radio Relay League and is devoted to activities and developments in amateur radio.

#### Radex

BI-MONTHLY. Emerson, N. J. Publisher, The Radex Publishing Co.: Editor, Page Taylor. This publication is for the radio listener who is interested in listening to distant stations. It is of interest principally to DXers.

#### Radio

MONTHLY (except August and September.) 1300 Kenwood Rd., Santa Barbara, Calif. Phone, 4242. Published by Radio, Ltd. Publisher, K. V. R. Lansingh; Editorial Director, W. W. Smith; Editor. R. Dawley. This publication is devoted to technical and constructional material for the amateur and also information on experimental and high frequency radio: content does not touch on the business, entertainment or personal sides of radio.

#### Radio Advertising Rates and Data

MONTHLY. 333 No. Michigan Ave., Chicago, Ill. Phone, Randolph 5616. President, Walter E. Botthof; Executive Vice-President, Albert W. Moss; Vice-President-Assistant Treasurer, C. Laury Botthof: Secretary, Albert W. Moss, Jr.; Treasurer, R. A. Trenkmann, BRANCH OFFICES: 420 Lexington Ave., New York, N. Y., Phone, MOhawk 4-1220; 155 Montgomery St., San Francisco; 318 West Ninth St., Los Angeles, Radio station rates service revised and issued monthly.

#### Radio Amateur Call Book

QUARTERLY. 608 S. Dearborn St. Chicago, Ill. Phone, WAbash 1903. Publisher, Radio Amateur Call Book Inc. Editor, Harold A. Rensch; Circulation Manager, D. A. Schroeder; Advertising Manager, C. O. Stimpson. BRANCH OFFICES: 19 E. 47th St., New York, N. Y. 10515 Wilbur Ave., Cleveland, Ohio; 4214 Country Club Drive, Long Beach, Calif. This publication contains up-to-date and

complete lists of all radio amateurs throughout the entire world.

#### Radio-Craft

MONTHLY. 20 Vesey St., New York, N. Y. Phone, REctor 2-9690. President and Publisher, H. Gernsback; Managing Editor, R. D. Washburne. BRANCH OFFICE: 520 N. Michigan Ave., Chicago, Ill. Phone, Superior 7306. This publication reports latest developments in the radio art, telegraphy and radio telephony, electronics, television, public address and facsimile, including servicing, trade news and technical descriptions.

Radio Daily

DAILY. 1501 Broadway, New York, N. Y. Phone, Wisconsin 7-6336. Publisher, John W. Alicoate; General Manager, Donald M. Mersereau; Editor, M. H. Shapiro; Business Manager, Marvin Kirsch; Los Angeles Correspondent, Ralph Wilk; Chicago Correspondent, Frank Burke. BRANCH OFFICE: 6425 Hollywood Blvd., Hollywood, Calif.; Ralph Wilk, Manager. The National Daily Newspaper of Commercial Radio and Television.

### Radio & Electrical Retailer of Australia

FORTNIGHTLY. 146 Foveaux St., Sydney, Australia, Phone FL 3054, Managing Editor, Oswald F. Mingay; Advertising Representative, J. Angus; Technical Editor, J. R. Edwards, BRANCH OFFICE: R. W. Pfeil, 239 Collins St., Melbourne, Victoria. A trade newspaper covering the radio and electrical manufacturing, wholesaling and retailing industries of the Commonwealth of Australia; also includes electrical information regarding refrigerators and domestic electric appliances. News releases, personal and general information regarding manufacturers, retailers, etc.

#### Radio and Electrical Sales

EVERY OTHER MONTH. 137 Wellington St., West, Toronto, Canada. Phone Waverly 2711. Publisher, Weston Wrigley; Editor, G. B. Wrigley; Advertising Manager, A. H. Boyd. A merchandising publication featuring window and store displays and advocating trade organization.

#### Radio News

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Radio Reporter

DAILY. New York Herald-Tribune Bldg., New York, N. Y. LOngacre 5-2754. Editor, Harry B. Brooks. Radio Reporter is an individualized daily news letter, reporting news and views as heard over the radio on any subject ordered by subscribers. It specializes in coverage of commentators, debates, speeches, etc., and on matters pertaining to industry, business, politics, labor relations and similar topics. Other services include checking for individual mentions and recordings.

Radio Retailing

MONTHLY. 330 West 42nd St., New York, N. Y. Phone, MEdallion 3-0700. Published by McGraw-Hill Publishing Vice-President and Publishing Di-Co. rector, Howard Ehrlich; Manager, Lee Robinson; Editor, W. W. Mac-donald. BRANCH OFFICE: 520 N. Michigan Ave., Chicago, Ill., K. Groener; Radio Retailing is devoted to the selling and servicing activities of the radio dealer, serviceman and jobber. It is also widely read by radio manufacturing executives, engineers, purchasing agents and their sales representatives. The publication covers the news of the radio and home appliance industries, maintaining a permanent staff in the mid-west, on the west coast and in the east for news gathering and fact finding. Annually Radio Retailing presents a statistical review of the radio industry and at proper times publishes a directory of manufacturers, set specifications, etc.

#### Radio Review

BI-MONTHLY (September to May inclusive). 113 West 57th St., New York, N. Y. Phone, Circle 7-4110. Publisher. Women's National Radio Committee; Executive Secretary, Ruth Rich. Radio Review carries comments on developments in radio; reviews of new and current programs; reports of activities of

the Women's National Radio Committee and its cooperating organizations. Its appeal is directed to radio listeners interested in raising the standards of programs.

Radio Showmanship

MONTHLY. 11th at Glenwood, Minneapolis, Minn. Phone, BI. 6228. Publisher, Don Paul Nathanson; Managing Editor, S. H. Kaufman; Business Manager, William Huser; Field Editor. Norman V. Carlisle. Radio Showmanship is a medium of exchange bringing business men the promotion and program ideas of others in the same business field.

#### Radio Technician

MONTHLY. 146 Foveaux St., Sydney, Australia. Phone. FL 3054. Managing Editor, Oswald F. Mingay; Editor, J. R. Edward; Advertising, Colin Mingay. BRANCH OFFICE: R. W. Pfcil, 239 Collins St., Melbourne, Victoria. Radio Technician publishes radio service data and circuits of radio receiving sets.

Radio-Telephone-Telegraph

NON-PERIODIC (approximately 125 issues a year). Department of Commerce, Washington, D. C. Phone, District 2200, Extension 2371. Chief, Electrical Division of the Bureau of Foreign & Domestic Commerce, John H. Payne; Editor, Lawrence D. Batson. BRANCH OFFICES: 33 offices of the Bureau of Foreign & Domestic Commerce in U. S. cities. Each issue of Radio-Ttelephone-Telegraph provides information for an individual foreign country with respect to (a) public and private services for the transmission and reception of intelligence by radio or other electrical means; (b) the companies, authorities, agencies providing such service; (c) and the commodities, apparatus and accessories utilized to accomplish that service. The principal services are, broadly aural and television broadcasting, radio and wired telephone, telegraph and facsimile, cable and aids to air and marine navigation.

#### Radio-Television Journal

MONTHLY. 1270 Sixth Ave., New York, N. Y. Phone, CIrcle 7-5842. Publisher, Henderson Publications Inc.; Editor, Glad Henderson; Associate Editor, Daniel Webster. CHICAGO OFFICE: 664 N. Michigan Ave., Chicago, Ill. (Western Representative, Richard J. Burrill).

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MONTHLY. 99 Hudson St., New York, N. Y. Phone, WAlker 5-0730. Editor and Publisher, Hugo Gernsback; Managing Editor, H. W. Secor; Secretary, Harriet Kantro. The editorial policy of this publication includes the reporting of radio and television news items with photos, interviews with prominent radio and television engineers, description of new inventions in radio and featuring, particularly, constructional articles on radio and television receivers and transmitters.

#### Radio and Television Mirror

MONTHLY. 122 East 42nd St., New York, N. Y. Phone, LExington 2-9050. Publisher, Macfadden Publications, Inc.; Editor, Fred R. Sammis; Executive Editor, Ernest V. Heyn; Assistant Editor, Belle Landsman; Los Angeles Correspondent, Elaine Osterman; Advertising Manager, Walter Hanlon. BRANCH OFFICES: 221 North La Salle St., Chicago, Ill., Manager, C. H. Shattuck; 420 Market St., San Francisco, Calif.; 7751 Sunset Blvd., Hollywood, Calif. News and pictures of stars and shows; fictionization of radio serials; reprints of outstanding and important broadcasts; biographies; program listings.

#### Radio and Television Weekly

WEEKLY. 99 Hudson St., New York, N. Y. Phone, WA 5-2576. Publisher, Edward H. Davis; Editor, Cy Kneller; Advertising Manager, Sidney E. D. vis. Radio and Television Weekly publishes news of the radio, television and phonograph record industries (manufacturing and merchandising of products).

#### Radio Today

MONTHLY. 480 Lexington Ave.. New York, N. Y. Phone, PLaza 3-1340. Publisher and General Manager, M. Clements; Editor, Orestes H. Caldwell, Publication devoted to dealers, manufacturers, service men and distributors.

#### Radio Trade Annual and Service Manual

YEARLY, 146 Fovcaux St., Sydney, Australia, Phone, FL 3054, Managing Editer, Oswald F. Mingay, BRANCH OFFICE: 239 Collins St., Melbourne, Victoria, Radio Trade Annual is an Australian yearbook giving practically all the information required by radio manufac-

turers, distributors and servicemen for reference purposes.

#### Radio Trade-Builder

MONTHLY. 347 Adelaide St., West, Toronto, Ont., Canada. Phone, Adelaide 6261. Publisher Hugh C. MacLean Publications Ltd.; Editor, T. C. Van Alications Ltd.; Editor, T. C. Van Alstyne; National Advertising Manager, John T. Rochford. BRANCH OFFICES: 2118 Bleury St., Montreal, Que., Canada; 75 East Wacker Drive, Chicago, Ill. This publication reports general trade news of interest to radio dealers and servicemen, jobbers and manufacturers, radio engineers, broadcasting stations, etc. It also contains merchandising and service articles of interest to retail radio trade.

#### Radio Varieties Magazine

MONTHLY, 1056 West Van Buren St., Chicago, Ill. Phone, Mon. 8156. Publisher, F. L. Rosenthal; Editor, Wilton Rosenthal. Radio Varieties is national publication devoted exclusively to the "fan" interest in radio. It prints intimate stories and pictures about radio personalities.

#### RCA Review

QUARTERLY. 75 Varick St., New York, N. Y. Phone, WAlker 5-3721. RCA Institutes Technical Publisher, Press; Editors, Charles J. Pannill, Chairman of the Board of Editors; Ralph R. Beal; Dr. H. H. Beverage; R. S. Burnap; Irving F. Byrnes; Dr. Alfred N. Goldsmith; Harry G. Grover; O. B. Hanson; Horton H. Heath; Charles W. Horn; Willson Hurt; Dr. Charles B. Jolliffe; Frank E. Mullen; E. W. Ritter; Charles H. Taylor, Arthur F. Van Dyck; C. S. Anderson, Secretary of Board of Editors. RCA Review aims to present a record of outstanding developments of the laboratories of the Radio Corporation of America in radio and associated electronic subjects.

#### Sales Management

SEMI-MONTHLY. 420 Lexington Avc., New York, N. Y. Phone, MOhawk 4-1760, Publisher and Editor, Raymond Bill; Executive Editor and General Manager, Philip Salisbury; Advertising Manager, Merril V. Reed. BRANCH OFFICES: 333 N. Michigan Avc., Chicago, Ill., Phone State 1266, C. E. Lovejoy, Manager; 29 East de la Guerra, Santa Barbara, Calif., Phone, 6405, Warwick S. Carpenter, Manager. Sales Management's editorial front is a broad one, embracing all the

phases of general management, market analysis, operation of the sales force. use of advertising media and other sales tools, advertising agency relations, consumer research, product design, etc., which fall within the limits of the responsibility of the Director of Sales of a business concern. Specifically this publication publishes from time to time articles on the use of radio as an advertising medium; storics (in the Media Department) on the latest news in radio and network development; histories of stations' and networks' growth. The publication issues an annual survey of buying power in April for the purpose of presenting statistical information for evaluating markets. Survey provides data on current family and per capita income by counties, cities and states, together with estimates on retail sales and other market factors for all population units.

#### Service

MONTHLY. 19 East 47th St., New York, N. Y. Phone, PLaza 3-0483. Publisher, Bryan Davis Publishing Co.; Editor, R. G. Herzog; Business Man-ager, B. S. Davis; Advertising Manager, Paul S. Weil. Circulates among distributors of radio parts and accessories, radio set distributors, distributors of public address equipment and all types of sound apparatus; service organizations specializing in radio and allied industries; service departments of radio set and parts distributors and dealers, department stores, radio set manufacturers, public address manufacturers, and kindred lines; radio dealers, sporting goods, music and automotive stores as well as other retailers handling radio and television; independent radio service men and service engineers.

## Southern Advertising and Publishing

MONTHLY. 75 Third St., N. W., Atlanta, Ga. Phone, VErnon 6646. Editor-President, Ernest Abernethy; Business Manager. Charles Fram; Managing Editor, Ray Warwick. Southern Advertising and Publishing runs a regular monthly department of radio news, chiefly the activities of the business and advertising executives of southern broadcasting sttaions, plus some news of the networks that relate to southern advertisers or stations or are of special interest. Publication is read by southern radio executives, advertisers, agencies and newspapers.

#### Standard Rate and Data Service

MONTHLY. 333 No. Michigan Ave., Chicago, Ill. Phone, Randolph 5616. President, Walter E. Botthof; Executive Vice-President, Albert W. Moss; Vice-President and Assistant Treasurer, C. Laury Botthof; Secretary, Albert W. Moss, Jr.; Treasurer, R. A. Trenkmann. BRANCH OFFICES: 420 Lexington Ave., New York, N. Y., Phone, MOhawk 4-1220; 155 Montgomery St., San Francisco; 318 West Ninth St., Los Angeles. Advertising rate service for publication field revised and issued monthly.

#### Tide

SEMI-MONTHLY. 232 Madison Ave., New York, N. Y. Phone, AShland 4-3390. President and Publisher, David Frederick; Editor, Ellen Hess; Radio Editor, Reginald T. Clough; Vice-President, J. E. West; Los Angeles Representative, R. J. Birch. BRANCH OFFICES: 734 Little Bldg., Boston, Mass., Arthur F. Chapin; 360 N. Michigan Ave., Chicago, Ill., J. E. West; 846 South Broadway, Los Angeles, Calif., R. J. Birch; 155 Sansome St., San Francisco, Calif., R. J. Birch. Report radio news of interest to agency executives and advertisers.

Variety

WEEKLY. 154 West 46th St., New York, N. Y. Phone, BRyant 9-8153. Publisher, Sid Silverman; Editor, Sid Silverman; Radio Editor, Robert J. Landry; Business Manager, Harold Erichs; Advertising Manager, Don Wilson. BRANCH OFFICES: 54 W. Randolph St., Chicago, Ill., Hal Halperin; 1708-10 No. Vine St., Hollywood, Calif., Arthur Ungar.

**Variety Daily** 

DAILY. 1708 North Vine St., Hollywood, Calif. Phone, Hollywood 1141. President, Sid Silverman; Editor, Arthur Ungar. BRANCH OFFICES: See listing under Variety Weekly.

Western Advertising

SEMI-MONTHLY. 564 Market St., San Francisco, Calif. Phone, GArfield 8966. Editor and Publisher, Ramsey Oppenheim; Assistant Publisher, R. S. Oppenheim; N. Y. Correspondent, L. V. Hohl, SRANCH OFFICES: Graybar Bldg., New York, N. Y. L. V. Hohl, N. Y. Manager. New developments in radio generally and reporting news of western accounts and stations from a commercial angle.

A comprehensive and important selection of books on Radio and Television.

Appended is a listing of informative literature published and available through National Broadcasting Company, Columbia Broadcasting System and Mutual Broadcasting System.



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#### NBC RADIO-RECORDING DIVISION

Expertly Produced Shows From the Program Center of Radio.

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# FEDERAL COMMUNICATIONS COMMISSION



Personnel

Technical Progress
Survey

Station Application Procedure

Administrative Procedure

Regulations

Etc.

## FEDERAL COMMUNICATIONS COMMISSION



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### THE TECHNICAL PROGRESS OF RADIO IN 1940

By

A. D. Ring

Assistant Chief Engineer of the FCC

and

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THE year 1940 is particularly significant in the history of the broadcasting art due to the several major advances in technical phases of broadcasting and their application to the service of the public. In the standard broadcast service the ratification by all parties of the North American Regional Broadcasting Agreement, which provides for an orderly allocation of broadcast facilities between the North American countries, was the most important development. An increase in the number of stations authorized from 814 on January 1 to 882 on December 31. and a large increase in the number of directional antennas utilized by standard broadcast stations were the results of extensive technical planning of great importance to the industry. A high frequency broadcast service (FM broadcasting) which has been under development for a number of years made its advent as a service to the public employing wide hand frequency modulation. Television. having been in the laboratory as the major developmental problem of the industry for some time, emerged with promise of a limited service to the public. The international broadcast service witnessed the advent of new rules which required increased transmitter power and the use of efficient directional arrays to concentrate the available energy in the desired direction and provide a more reliable service conveying American good will and better understanding to other portions of the world.

### North American Regional Agreement

By far the most important development to effect the standard broadcast during 1940 was the ratification by Mexico on March 29 of the North American Regional Broadcasting Agreement, which made the Treaty valid. This Treaty is discussed in Mr. Gross' article, "A Review of International Affairs—1940." appearing in this RADIO ANNUAL. Although the Treaty would have been practically impossible of conclusion without the extensive use of directional arrays to provide mutual protection to the service of stations on shared channels, the number of such antennas increased rapidly during 1940 for reasons largely independent of the Treaty. These directional arrays make it possible to provide for a larger number of broadcast services without undue interference with existing services and in certain instances to concentrate service in desired densely nopulated areas. During the year the Federal Communications Commission issued 88 authorizations contemplating the installation of directional antennas at stations not so equipped previously, and on December 31, 1940, of the 882 broadeast stations in operation or authorized within the United States 186 were using or constructing directional radiating systems.

Last year there occurred the greatest increase in the use of directional radiating systems since the first such array was installed in 1932. There was also a greater increase in the number of standard broadcast stations than during any

vear since 1926.

### New Standards of Good Engineering Practice

The application of the modifications in the Commission's rules and allocation practices incorporated in the new rules and the Standards of Good Engineering Practice, which became effective August 1, 1939, was responsible to a considerable extent for providing an increase in service of regional and local stations by permitting increases in night operating power and by permitting additional stations to be assigned to regional and local channels. The rules also provided for the operation of unlimited time secondary stations on certain of the clear channels. As most of these stations serve concentrated urban populations, all of these developments tended toward a greater preponderance of primary service and a larger choice of programs in the urban

The demand for facilities, particularly in urban areas of the northeastern por-

tion of the United States, has exceeded the supply of such facilities even though an increase was provided by the change in the rules. At the end of the year the Commission had pending before it several proposals which involve the operation of unlimited time secondary stations on clear channels which were each reserved by the rules for the exclusive use of one high powered broadcast station designed to provide secondary rural service at night. Millions of isolated rural and small community listeners remote from primary broadcast service are dependent for their broadcast service on these secondary signals. These proposals to duplicate the clear channels, all involve a further concentration of primary broadcast services in the urban areas, at the expense of, in most cases, the prescut service or future improvement of service to the sparsely settled rural areas. There was a significant trend toward licensing of licensing of regional stations (Class III-B) in small remote urban centers, but so far as rendering primary service to all of the rural areas, the merest dent was made in such areas. This whole matter has been the subject of extensive study and such documents as the report of the committee of the Commission which held hearings during June, 1938, and the majority and minority opinions of the Commission in connection with the application of Station WHDH for unlimited time shed much light upon the matter.

### Technical Developments

Several other developments took place in the technical phases of station operation, which, although not directly realized by the listener, are well worth mention-Manufacturers further perfected the low temperature quartz crystal for automatic frequency control which will enable stations to operate in better compliance with the Commission's amended requirement which requires that all transmitters be able to maintain their assigned frequency within plus or minus 20 cycles after January 1, 1942, and that all new equipment which was installed subsequent to January 1, 1940, shall be capable of maintaining this tolerance. While for years the frequency maintenance of broadcast stations has been so good that no station even changed position on your dial (except due to defects in the receiver), the new frequency reduces interference that would otherwise result between stations on the same channel. Accompanying the improvements in automatic frequency control were improved frequency monitors for checking station operating frequencies as required by the rules. Inverse feed back or degenerative feed back was applied to a greater extent to broadcast transmitting equipment and it saw the first general application to the speech amplifier equipment in studios. The net result is an overall improvement in frequency response and a material reduction in audio harmonic distortion. This all means better fidelity of the program for those listeners who have receiving sets that compare in fidelity to the present transmitters.

A development of real importance to the high powered stations which heretofore employed one or more water cooled tubes with the attendant service requirements of the water cooling system, pumps, et cetera, was the perfection of high powered air cooled transmitting tubes.

A large number of stations employing directional antennas have installed phase monitors which enable operating personnel to maintain the adjustment of an array with much greater accuracy than was previously possible before the advent of these instruments. A general improvement has been noted in the technical efficiency of antennas accomplished through the installation of better ground systems, higher antenna structures, and the trend toward narrow base towers.

### High Frequency Broadcast Service

The Commission recognized the utility of a high frequency broadcast service employing wide band frequency modulation, and, as a result of a hearing held during March, 1940, adopted rules establishing a high frequency broadcast service which became effective June 22, 1940. These rules establish forty 200 kilocycle channels (five channels for noncommercial educational stations) for a high frequency broadcast service in the band of 12,000 to 50,000 kilocycles. The rules involve an entircly new technical concept of the service of broadcast stations in that the service of all stations in a particular community will be approximately the same in so far as both signal intensity and area to which service is provided is concerned. The concept of trade areas has been introduced in order to tailor the service of the stations to a center of the population and the area tributary socially and economically to that center of population. In other words, the Commission is endeavoring to integrate the service provided by high frequency broadcast stations to fit the social and economic spheres of influence of the center of population in which the station is to be located. The fact that the service areas of all stations in a particular center of population will be practically co-extensive will eliminate from the elements of competition between such stations, many of the inequalities which exist between stations in the standard broadcast band by reason of large differences in coverage and signal intensity caused by differences in power, propagation, interference, et cetera.

The rules, however, provide for three general classes of high frequency broadcast stations to meet the requirements of three types of areas. Twenty-two channels were reserved for stations serving basic and limited trade areas with populations of more than 25,000 each. Six channels are allocated to stations with service areas containing less than 25,000 persons. Seven channels are allocated for the third class stations proposing to serve large rural areas of at least 15,000 square miles which cannot be conveniently provided with service by stations in limited or basic trade areas and to provide service under special circumstances to two or more limited or basic trade areas. This class of station is particularly effective where a high elevation above the surrounding area is available.

The technical requirements with respect to the equipment to be used by high frequency broadcast stations are such that the fidelity of transmission and potential reception, both as to distortion and frequency range, are well beyond the capabilities of any but the most expensive custom built broadcast receivers (none now available on the open market) to reproduce at the present time. Such operation will permit of and encourage the development and use of receiving equipment capable of the best fidelity of reproduction which the industry is capable of producing. Due to the sky wave propagation characteristics of the frequencies utilized by the high frequency broadcast stations, there will be no difference in the area which can be served during daytime or nighttime hours such as now exists with standard broadcast stations.

The use of wide band frequency modulation will permit of the operation of stations with lesser mileage separations than would be possible with amplitude modulation. This means many stations can be assigned the same channel.

Several manufacturers now make transmitters for the high frequency broadcast service which became available during the year. Shortly before the conclusion of the year the Commission held a conference in Washington for the purpose of standardizing the ratings and characteristics of the transmitting equipment for this new service.

On December 31, 1940, construction permits had been issued for 25 high frequency broadcast stations and the Commission had approximately 50 additional applications pending at the close of the year. That is, during the year 1940 all of the necessary steps from laboratory development to actual delivery of programs of a new adjunct to the radio service as ar instrument of public benefit was an accomplished fact. Thus, the number of proadcast stations may be increased substantially, but unfortunately the service will not be principally to large rural areas and all existing receiving sets must have an expensive adantor (\$49.95 for a popular model) added to obtain the new service.

### Television

Television, long heralded as the next important contribution of the radio industry to the technological society of today, encountered rather a stormy year. This problem child of broadcasting was at its best during 1940! Although it was much closer to being an established fact as a service to the public at the close of the year than on January 1, 1940, there are still problems to be encountered. As a result of extensive field tests made by several of the radio groups which have been engaged in the technical development a television, a committee of the Commission was appointed to investigate the service and coordinate the results of the field tests and the regulatory duty of the Commission. Their report proposed rules tentatively adopted by the Commission on December 22, 1939, permitting the introduction of a television broadcast service to the public on a limited commercial basis and providing for further research and development. The development would extend to both the technical phases of the art and the very important problems of program building. A hearing on these rules was held in Washington during January, 1940, and as a result thereof the Commission adopted rules providing for two classes of television

broadcast stations, one of which would provide a program service for public consumption with provision for the licensee to be reimbursed (if there be a sponsor) for program expenses by commercial advertisers.

As a result of promotional activity in receivers using certain standards which the Commission believed to be detrimental to the future technical advances in the television broadcast art, as well as possible rapid obsolescence of receivers purchased by the public, these rules were set aside and a further hearing held on April 8, 1940. This hearing developed a detailed study of the question of engineering standards and the effect of television systems unon receivers, transmitters, present acceptance of television. obsolescence, and technical progress. The Commission then adopted rules embodying the principles arrived at pursuant to the April hearing (abolished the two classes of stations, eliminated limited commercial operation, restricted programming and intensified research on standards). As a result of the requirements for intense research on standards. the National Television Standards Committee was formed and charged with making a detailed study of the problems of a standard system of television transmission which should be adopted for service to the public. At the conclusion of the year it was anticipated that the report of this committee would be available during January 1941.

A significant development in the art of television has been the intricate work of the National Television Standards Committee. Also, a significant but complicating angle bas been added by the development and demonstration by the Columbia Broadcasting System of a practical color television system. This system makes possible the reproduction within the home of a color picture having a very satisfactory range of colors throughout the visible spectrum and providing what appears to be greater detail in the reproduced picture than that possible with the conventional black and white system employing shades of gray to represent different colors and to provide contrast between obstacles being televised. This apparent improvement is possible without any accompanying increase in the frequency band required

for the transmission of such pictures. The problem of sufficient light with color and the actual (but not apparent) loss of detail in the 6 megacycle channel are worthy of study. Certainly the value of color in television must not be sidetracked or lost.

In order to provide sufficient television channels to partially satisfy the demand for such facilities that was indicated at the hearings and by the applications filed with the Commission, it has been necessary to utilize the 6 mc channels above 160 mc. The limitation upon the amount of radio frequency power which could be generated by known methods at these frequencies was such that there was considerable hesitation on the part of the industry in accepting these high frequency television channels as being of value at this time. Consequently, the development during 1940 of transmitting tubes which make possible the generation of radio frequency power in sufficient amounts and with such efficiency that television or other transmission is possible outside of the laboratory is another significant advance.

Other developments include portable television pickup equipment carried in suitcase size units, the development of a new pickup tube having greater sensitivity than any previously available, and the electron microscope which is an off-shoot of television development.

### International Broadcast Service

International broadcast service during 1940 was affected mostly by technological changes intended to improve the signals provided by the stations in the foreign countries to which the services are directed. This improves the competitive position of these signals as compared to the services provided international broadcast stations in other countries. This effort has been directed particularly to the countries of South and Central America with which the United States is vitally concerned in the creation of good will from the standpoint of neighborliness, commerce, and national defense. The new rules require the use of not less than 50 kilowatts power and directional transmitting arrays to concentrate the energy in the desired directions so as to give the equivalent service of 500 kilowatts. This makes our stations in a

position to compete favorably (in many cases better) in signal intensity than other countries. In the promotion of good will and understanding between the countries of the Western Hemisphere through the use of radio, the United States relies upon international broadcast stations operated by private organizations. These stations carry programs originated expressly for the international broadcast service or obtained from selected programs from domestic service. During the year an increased amount of stress was placed by the operating groups upon the preparation of unique programs designed for general and wholesome appeal to the listeners in the country to which the signals were directed. The manner in which the international broadcast service is conducted may have an important bearing upon the friendly relations between the American countries in the future.

### **Relay Stations**

The year 1940 saw an increase to over 500 in the number of relay broadcast stations used for program pickup in the absence of wire lines and for mobile use to cover parades, athletic contests and other special events which are unique in their requirements. At the close of the year there was considerable interest in a new service employing frequency modulation to provide a high fidelity audio program link (to supersede wire lines of less fidelity) between studio and transmitter.

### Facsimile

Interest which had been evidenced on the part of the licensees of the number of standard broadcast stations having special experimental authorizations for facsimile and the licensees of facsimile broadcast stations appears to have waned considerably and at the end of 1940 there was little activity in connection with a facsimile broadcast service to the public. The rules governing the high frequency broadcast service (FM) provide for the multiplex facsimile signals with the high

frequency broadcast program providing the maximum frequency swing of plus and minus 75 kilocycles is maintained for the audio signal. However, there anpeared to be certain technical problems with respect to this multiplex operation, particularly as concerned with the possibility of cross modulation (interference) between the facsimile and aural programs in receivers designed to accept not more than a 150 kilocycle band and without regard to the future multiplex facsimile. These matters will have to be made the subject of laboratory and field investigation before a solution of this problem can be reached, but unless this problem is properly taken care of in the receiver design now, "it is later than you think" for multiplex facsimile.

### **Developmental Broadcast Stations**

The licensees of developmental broadcast stations continue to use them in connection with the design of new equipment and improvement of existing transmitting equipment. One licensee of a new developmental broadcasting station is conducting experiments in connection with a "polyphase" system of broadcasting. This involves the use of a five element array and modulation of the signal is accomplished by placing the carrier on the center element and side bands on the four surrounding elements. This system offers possible economies in both equipment and power consumption, particularly for powers well above 50 kilowatts.

For the first time developmental broadcast authorizations were issued to recognized engineers for use in site surveys, thus eliminating the requirement that the broadcast licensee obtain special experimental authorization to conduct site surveys and permitting site surveys where necessity requires prior to the granting of an authorization for a standard broadcast station.

Our prediction is that 1941 will be a continuation of 1940 without abatement as to continued technical progress in broadcasting.

# BROADCAST APPLICATION ———PROCEDURE———

A summary of the procedure in applying for a station in the broadcast services as followed by the Federal Communications Commission

Any person, firm, corporation, educational, or other group legally qualified may apply to the Federal Communications Commission for radio-broadcast facilities in any locality. Formal application for a standard broadcast station construction permit is submitted in duplicate direct to the Commission on Form 301, which is obtainable on request. Applicants for FM (frequency modulation) stations use Form 319, which applies to high-frequency broadcast stations.

### Time Requirements

Each construction permit must specify a maximum of 60 days from date of grant thereof as the time within which construction of the station shall begin, and a maximum of 6 months thereafter as the time within which construction shall be completed and the station ready for operation, unless otherwise determined by the Commission upon proper showing in any particular case.

The time required for an application for a new broadcast station to go through the necessary routine varies with individual cases. In the case of a purely local station, where no interference is involved, the time can be as short as 4 to 6 wecks, providing that the application is accurately and completely filled out and all the required exhibits are appended. However, where interference and formal objection by other stations enter, a longer time is necessary.

Where the Commission, upon examination of a particular application, is unable to reach determination that a grant will serve the public interest, the case is designated for formal hearing upon specific issues, and all persons having an interest in the matter are given oppor-tunity to be heard. Under present pro-cedure, after a hearing has been held the parties are permitted 20 days in which supporting statements. Commission then issues its Proposed Findings of Fact and Conclusions, and the parties are allowed 20 days thereafter to file exceptions and to request oral arguments before final decision is rendered. In the event that no exceptions or requests for oral argument are received, the Commission issues an order adopting and making effective its proposed decision. This is the final determination unless there is litigation.

### **Equipment Tests**

Upon completion of construction of a radio station the permittee is authorized to test the equipment for a period not to exceed 10 days. The inspector in charge of the district in which the station is located, as well as the Commission, are notified 2 days in advance of the beginning of equipment tests. When construction and equipment tests are completed, and after application for regular station operating license has been filed with the Commission (Form 302 for standard broadcast and Form 320 for high frequency broadcast) the permittee is authorized to conduct service or program tests for a period not to exceed 30 days, again advising the Commission and inspector in charge 2 days in advance of the beginning of such tests.

Broadcast stations are licensed for a period of 1 year. Requests for renewal of license are made on special forms.

The approximate cost of constructing a 100-watt standard broadcast station (the minimum power capable of rendering appreciable public service) is, roughly, between \$5,000 and \$8,500. High frequency (FM) stations cost somewhat more.

### Public Interest Requirements

In the public interest, the Commission does not license stations to broadcast recordings exclusively.

Broadcast station licenses are denied corporations "of which any officer or director is an alien or of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives."

The Commission exacts no fee or other charge in connection with radio licensing. Unlike telephone and telegraph, a radio-broadcast station is not deemed a common carrier under the Communications Act. No standard tariffs apply. While certain specific prohibitions are imposed by the Act, the Commission is given no general censorship powers over broadcast programs.

# — ADMINISTRATIVE — PROCEDURE OF F.C.C.

A summary of the administrative procedure of the Federal Communication Commission reviewing its duties and activities, the administrative setup, departments and their functions.

#### Commission

The Federal Communications Commission is composed of seven Commissioners appointed by the President, subject to Senate advice and confirmation. The President also designates the Chairman. The normal term of a Commissioner is seven years. A Commissioner is not permitted to engage in any other business during such tenure. Under terms of the creative act, "not more than four Commissioners shall be members of the same political party."

The Commission functions as a unit in administrative matters. It retains direct supervision of all activities but delegates certain routine responsibilities. mittees, consisting usually of three members, have made special studies and supervised particular undertakings. A case in point was the report last June by such a committee which investigated chain broadcasting methods. As a result of two years of inquiry, this committee rendered a 13,000-page report. latter was based upon more than 10,000 pages of testimony and nearly 800 exhibits, obtained largely through hearings which continued for 73 days.

The Commission normally holds at least two en banc meetings each week. On Tuesdays it acts on various matters relating to radio, and telegraph and telephone. At such time the Commission considers—

Applications for construction permits for new stations or modifications of existing construction permits or licenses involving changes in frequency, power, transmitter and studio sites, or change in name of licensee.

Applications for voluntary or invol-

untary control of company or corporation holding license.

Petitions for rehearing.

Dismissal of applications.

Retiring of applications to closed tiles

Adoption of new rules or amendments to existing rules.

Suspension of amateur or operator licenses.

Authority to supplement existing facilities or telephone or telegraph companies.

Extension of temporary authority to common carriers to communicate with foreign countries.

Other common carrier matters, such as investigation and suspension of tariffs.

Admissions to practice.

On Wednesdays the Commission acts on docket cases, that is to say, cases which have been accorded public hear-Where the Commission, upon examination of a particular broadcast application, is unable to determine that a grant will serve the public interest. the case is designated for formal hearing upon specific issues, and all persons interested are given opportunity to be heard. After a hearing has been held, "Proposed Findings of Fact and Conclusions" are issued by the Commission. The parties are allowed additional time in which to file exceptions and to request oral argument before final decision is made. If no exceptions or requests for oral argument are received, the Commission generally issues an order adopting and making effective its proposed decision. If exceptions are filed, the Commission may, after oral argument, affirm, modify, or reverse the proposed findings. This is the final determination unless there is a petition for rehearing or unless there is litigation.

### Special Commission Board

Increased duties have caused the Commission to abandon its former practice of dispensing with en banc meetings for a month in summer. During vacation and at any time when a quorum of the Commission is not present the Commission continues to function under Administrative Order No. 3, effective last July, which contains these provisions:

"Whenever the Chairman or Acting Chairman of the Commission shall determine a quorum of the Commission is not present, he is authorized to place the following provisions in effect for the period during which a quorum of the Commission is not present:

- "(1) There is hereby assigned and referred to a Board consisting of all members of the Commision present and able to act, all work, business, or functions of the Federal Communications Commission arising under the Communications Act of 1934, amended, except that portion of the work, business, or functions of the Federal Communications Commission assigned and referred to the respective Boards and individual Commissioners as provided in Administrative Order No. 2, as amended; Provided, however, that this authority shall not extend to investigations instituted upon the Commission's own motion or, without consent of the parties thereto, to contested proceedings involving the taking of testimony at public hearings, or to investigations specifically required by the Communications Act of 1934, as amended.
- "(2) The Board created by subparagraph (1) acting by a majority thereof, shall have power and authority to hear and determine, order, certify, report, or otherwise act as to any of said work, business, or functions so assigned or referred to it, and in respect thereof shall have all the jurisdiction and powers conferred by law upon the Commission, and be subject to the same duties and obligations. Any order, decision, or report made or other action taken by said Board in respect to any matters so assigned or referred shall have the same force and

effect, and may be made, evidence and enforced in the same manner as if made, or taken by the Commission.

"(3) Any party affected by any order, decision or report of said Board may file a petition for rehearing by the Commission, as provided by Section 1.271 of the Commission's Rules of Practice and Procedure, and every such petition shall be passed upon by the Commission."

#### Commissioners

In addition to en banc meetings, the Commissioners individually preside at particular hearings when designated to do so by the Commission. Each month the Commissioners, in rotation, are allocated other specific duties. These assignments are changed, thus permitting each Commissioner to be directly informed on various phases of Commission activity. at the same time conserving the principal portion of each Commissioner's time for consideration of matters involved in action by the Commission as a whole. any month one Commissioner will act upon applications for requests for special temporary broadcast authorizations. Another will consider motions or petitions in cases designated for formal hearing, final disposition of which is, of course, reserved for the Commission as such.

Such authorization is covered by the following part of Administrative Order No. 2, which went into effect last year:

- "A Commissioner, to be named by subsequent supplements to this Order, is hereby designated to hear and determine, order, certify, report or otherwise act unon:
  - (a) except as otherwise ordered by the Commission, all motions, petitions or matters in cases designated for formal hearing, including motions for further hearing, excepting motions and petitions requesting final disposition of a case on its merits, those having the nature of an appeal to the Commission, and those requesting change or modification of a final order made by the Commission; provided. however, that such matters shall be handled in accordance with the provisions of Sections 1.251 to 1.256, inclusive, of the Commission's Rules of Practice and Procedure; provided further that when one or more members of the Commission have been designated to preside at a hearing such

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Commissioner or Commissioners shall be authorized and empowered to fix the time and place such hearing shall be held; and such motions, petitions, or matters arising in connection with such hearing shall be handled by the Commissioner or Commissioners designated to preside, subject to the provisions of Sections 1.232, 1.252, 1.254, 1.255, and 1.256 of the Rules of Practice and Procedure; provided further that in the absence of the individual Commissioner designated to preside at a hearing, or his inability to act or pass upon such preliminary matters, they shall be referred to the presiding officer of the Motions Docket.

(b) the designation pursuant to the provisions of Sections 1.231 to 1.232 of the Commission's Rules of Practice and Procedure of officers, other than Commissioners, to preside at hearings.

"Any party affected by any order, decision, or report of any individual, board, or individual Commissioner, to whom authority is delegated under the provisions hereof, may file a petition for rehearing, as provided by Section 1.271 of the Commission's Rules of Practice and Procedure, before the Commission, and every such petition shall be passed upon by the Commission."

### Departments

In considering all types of cases the Commission is aided by recommendations of its technical and administrative units. The staff consists of four departments:

The Law Department handles litigation and the legal aspects of licensing, regulation, and general administration, including legislation, rule-making and international matters, and conduct of investigations.

The Engineering Department attends to the engineering phases of the various services, and their regulation, supervises the field staff, participates in international and governmental conferences, and conducts technical research.

The Accounting, Statistical, and Tariff Department looks after accounting regulation, tariff analysis and rate regulation, and compiles statistics pertaining to these and other Commission functions.

The Secretary's Office has charge of matters of internal administration, handles the issuance of licenses, maintains records, and is responsible for supplying official copies of the Commission's order and decisions.

### Rules Committee

The heads of these departments meet regularly, on Thursdays, as a Committee on Rules to consider proposals for new or revised rules and regulations, or changes in administrative procedure. This Committee can initiate such study or make comment or recommendation upon matters referred to it by the Commission. The Committee on Rules has functioned actively since 1937, and has done much to coordinate administrative procedure.

### Administrative Board

In 1940 Commission work was further expedited by creation of an Administrative Board, consisting of the General Counsel, Chief Engineer, Chief Accountant, and Secretary. This board is authorized to pass upon routine detail in accordance with rules and policies previously established by the Commission. Administrative Order No. 2, as revised last July, gives the Administrative Board authority to "determine, order, certify, report or otherwise act upon" the following matters:

- "(a) All applications for the Coastal, Marine Relay, Aviation, Emergency and Miscellaneous services, except those falling under paragraphs (1), (2), and (3) of this Order;
- "(b) Upon all radio matters of every character (except broadcast, and cases falling under paragraphs (1), (2) and (3) of this Order) within the Territory of Alaska;
- "(c) Upon all applications for experimental authorizations except: Class II experimental stations to authorize experimentation directed toward the establishment of new services;
- "(d) Upon all broadcast service applications as follows: for licenses following construction which comply with the construction permit; applications for construction permit and modification of construction permit involving only a change in equipment; applications for extensions of time within which to commence and complete construction; applications to install frequency control equipment; applications relating to auxiliary equipment; ap-

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plications for authority to determine operating power of broadcast stations by direct measurement of antenna power; applications for modification of licenses involving only change of the name of the licensee, where the ownership or control is not affected; applications for construction permit or modification of license involving relocation locally of a studio, control point or transmitter site not involving any substantial change in service area; applications for relay broadcast stations; and requests for authorization to rebroadcast under the provisions of Section 3.94 of the Rules and Regulations;

"(e) Upon all applications or requests for special temporary authorization other than those falling under paragraphs (1), (2), (3) or (5) of this Order;

"(f) All applications or requests for emergency and renewal exemptions from the provisions of Section 352 (b) of the Act;

"(g) Upon all uncontested proceedings involved in:

- (1) the issuance of certificates of convenience and necessity and the authorization of temporary or emergency wire service, as provided in Section 214 of the Act;
- (2) Applications for existing licensees for instruments of authorization for the Fixed Public or Fixed Public Press radio services, except applications involving (1) new points of communication, (2) changes in transmitter location other than local in character, (3) assignment of additional frequencies, or (4) involving change of policy by the Commission, or the establishment of a new type of service;

"(h) Upon requests for inspection of records under provisions of Section 1.5(c) of the Commission's Rules of Practice and Procedure."

Actions taken by the board are reported in writing each week to the Commission at its regular meeting. Applications or requests for special temporary standard broadcast authorizations are referred to the board for recommendation and reference to a Commissioner designated to act in such matters.

The same order which created this

board (Administrative Order No. 2) further speeded procedure by allowing the Secretary, Chief Engineer, and Chief Accountant to handle specific matters, Its particular provisions with respect to these officials follow:

### Secretary

"The Secretary of the Commission is hereby designated to determine, order, certify, report or otherwise act, upon:

(a) all applications for operator licenses or renewals thereof; and

- (b) all applications for amateur and ship stations or renewals thereof; and
- (c) all applications for aircraft station licenses or renewals thereof where the applicant is or has been the holder of a station license within the preceding year;

"The Secretary of the Commission is hereby designated to enter the appropriate final order of the Commission in all cases involving applications for radio station authorizations in which proposed findings and conclusions of the Commission have been issued pursuant to the provisions of Section 1.231 of the Commission's Rules of Practice and Procedure and in which no exceptions have been filed within the time prescribed in said section."

### Chief Engineer

"The Chief Engineer of the Commission is hereby designated to determine and act upon all applications and requests and to make appropriate order in letter form for the signature of the Secretary of the Commission in the following matters:

- (a) temporary operation without specified items of equipment, or with temporary, substitute or auxiliary equipment;
  - operation without an approved frequency monitor;
  - (2) operation without an approved modulation monitor;
  - (3) operation without thermometer in automatic temperature control chamber;
  - (4) operation without antenna ammeter, plate voltmeter or plate ammeter;
  - (5) operation with substitute ammeter, plate voltmeter or plate ammeter;
  - (6) operation without temporary antenna system;

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- (7) operation with auxiliary transmitter as main transmitter:
- (b) operation with new or modified equipment pending repair of existing equipment, or pending veceipt and action upon a formal application;
- (c) where formal application is not required, application for new or modified equipment or antenna system:
- (d) change of specifications for painting and lighting antenna towers where formal application is not required:

(e) operation to determine power by direct method during program test period;

(f) relocation of transmitter in same building;

- (g) operation with reduced power or time under Sections 3.57 and 3.71;
- (h) approval of types of equipment as to compliance with outstanding rules and standards;
- (i) all authorizations for equipment and program tests, or extensions thereof, where it appears that compliance has been had with the terms of the construction permit;
- (j) denial of requests for equipment and program tests where specifications of construction permit have not been met;
- (k) withdrawal of authorizations for equipment and program tests where subsequent to the issuance of the original authorizations it appears that the terms of the construction permit have not been met;
- (1) extensions of time within which to comply with technical requirements specified in authorizations. orders and rules or releases of the Commission:
- (m) representations of compliance with technical requirements specified in authorizations, orders, rules or releases (except formal applications);
- (n) operation with licensed, new or modified equipment at a temporary location with a temporary antenna system in case of an emergency when, due to causes beyond the control of the licensee. it becomes impossible to continue operating at the licensed location;
- (o) all authorizations for special operation necessary to facilitate

equipment, program and service tests or to comply with technical requirements specified in authorizations, orders, rules or releases."

### Chief Accountant

"The Chief Accountant of the Commission is hereby designated to determine, order, certify, report or otherwise act upon:

- (a) administration, interpretation and application of regulations promulgated by the Commission pursuant to Section 220 of the Act, relating to accounts, records, and memoranda to be kept by carriers subject to the jurisdiction of the Commission:
- (b) applications for extensions of time in which to file annual, monthly, and special reports required by the Commission pursuant to Section 219 of the Act;
- (c) administration, interpretation and application of orders or rules of practice and procedure promulgated by the Commission relating to financial and statistical data of standard broadcast stations and broadcast networks or chains, including applications for extensions of time in which to file financial and statistical statements and reports.
- (d) all matters arising in connection with the administration of tariff regulations promulgated by the Commission pursuant to Section 203 of the Act, and in connection with the administration of this section in so far as it relates to the modification of requirements thereof or made pursuant thereto. as authorized in particular instances by subsection (b) thereof, and to the rejection of tariffs as authorized by subsection (d) thereof;

and, where appropriate in carrying out the foregoing, to make orders in letter form for the signature of the Secretary of the Commission."

#### Procedure

The procedure under which hearings are conducted and the administrative and adjudicative processes leading up to final decisions have been revised in the interests of public convenience as well as smoother Commission functioning. From the standpoint of internal administration, these changes have vastly simplified and expedited the decision process. This speeding up has not been at the sacrifice of complete and deliberate consideration of every element of the various type of proceedings the Commission is called upon to decide. On the contrary, the standards of "fair play" in reaching administrative determinations, as laid down by the courts, have been fully met.

Some of the outstanding practice and procedure changes may be mentioned briefly. The Communications Act requires that the Commission grant radio authorizations without hearing if it is able to determine from the information before it that the authorization would serve public interest, convenience and necessity. Formerly such grants were made, in broadcast cases, subject to the right of interested parties to file protests within a 30-day period. The previous policy had been to require the holding of hearings in virtually all such cases, which frequently involved needless expense to the parties without disclosing information of a substantial character not already known to the Commission. Under present practice, when the Commission is satisfied from the information before it that a grant is warranted, it proceeds to authorize the issuance of the license, which grant is final rather than conditional in its terms. The rules fully protect the interests of persons other than the applicant by providing for the filing of petitions for reconsideration within a 20 day period.

Formerly it was the practice of the Commission to include in the issues upon which hearings were to be held, not only those matters on which the Commission entertained doubt, but issues which required affirmative proof of all items contained in the applications. As a result the task of preparation for hearings was rendered extremely burdensome, hearings were unnecessarily prolonged by the applicant's tedious proof of many facts not really in controversy. The Commission now undertakes the hurden of determining and specifying limited issues in hearing cases, which are actually controversial in character and on which the results of the hearing must turn.

In yet another direction, the Commission has improved its practice in connection with the issues involved in hearings. In frequently happens that there are any one of several grounds on which it appears from initial examination of the application that a denial must result,

Some of these grounds would necessarily result in the introduction of a great deal of testimony and documentary evidence if included among the issues to be heard. In order to save time and money, both for the applicant and the Commission, effort is now made to eliminate issues which would unnecessarily complicate the hearing.

Under its former rules the Commission permitted any party to intervene if his petition disclosed a "substantial interest in the subject matter." Furthermore, the Commission designated as parties to its hearings those persons shown by its records to have some potential interest, whether or not such persons were known to have an intention to appear. The effects of the complete freedom of intervention and of the automatic inclusion of various persons as parties to the proceeding were the unnecessarily prolonged discussion of non-controversial issues and the unnecessary multiplication and accumulation of evidence on relevant issues, due to the cross examination to which witnesses were subjected by the various parties. The Commission's rules now require all parties who desire to appear in opposition to an application to file petitions to intervene, by means of which their interests may be tested, and parties are required to make a showing that the requested intervention will be in the public interest. The Commission also makes provision for the filing and consideration by any of the parties of motions for enlargement of the issues, a further safeguard for the protection of interests of applicants and other parties.

### Motions Docket

In 1939 the Commission made provision or the bolding of oral argument on all interlocutory motions, pleadings and matters of procedure which arise in cases pending before it. Previously, these motions were disposed of by the Commission without opportunity for argument, and thus without a full opportunity for parties in interest who might wish to oppose the relief sought to make a contest and have an adjudication based on a full showing of the nature of their interests. These interlocutory matters are now placed on a Motions Docket presided over by an individual Commissioner, which is called Friday of each week. Provision has also been made for the disposition in chambers of emergency motions, after proper notice to all parties.

### F. C. C. REGULATIONS REGARDING BROADCASTING APPLICATIONS

As of January 1, 1941

PLACE of filing; number of copies. Each application for construction permit or station license, and all papers incorporated therein and made a part thereof, with respect to the number of copies and place of filing, shall be submitted as follows:

Two copies direct to Washington, D. C.

Contents. Each application shall be specific with regard to frequency or frequencies, power, hours of operation. equipment, location of the station, and other information required by the application forms. An application for broadcast facilities in the band 550 kilocycles to 1600 kilocycles shall be limited to one specific frequency. An application for radio station construction permit or license requesting alternate facilities will not be accepted.

Full disclosures. Each application shall contain full and complete disclosures with regard to the real party or parties in interest, and their legal, technical financial and other qualifications, and as to all matters and things required to be disclosed by the application forms.

Additional statements. In addition the Commission may require an applicant to submit such documents and written statements of fact, under oath, as in its judgment may be necessary.

Installation or removal of apparatus. Applications for construction permit or modification thereof, involving removal of existing transmitting apparatus and/or installation of new transmitting apparatus, shall be filed at least sixty days prior to the contemplated removal and/or installation.

Extension of time for construction. Any application for extension of time within which to commence and/or complete construction of a station shall be filed at least thirty days prior to the expiration date of such permit: Provided, however, That any such application filed within less than thirty days may be accepted upon satisfactory showing to the Commission of sufficient reasons for the delay in filing such application. No application for reinstatement of a permit already forfeited will be granted, except

upon a satisfactory showing to the Commission of sufficient reasons for the delay in filing such application.

License following construction permit. In all cases where a construction permit is required by Section 319 of the Act for the construction of a station, the application for station license (or for station license or modification thereof, if for station other than broadcast) shall be filed by permittee prior to service or program tests.

Where construction permit not required. Each application for new license, except amateur, where a construction permit is not a prerequisite thereto, shall be filed at least sixty days prior to the contemplated operation of the station: Provided, however, That in emergency and for good cause shown, the Commission may waive the requirements of this rule.

Modification of license. An application for modification of license, except amateur, and except as otherwise provided by these rules, may be filed for change in frequency, change in operating power where no construction is necessary, change in hours of operation, and for change in name of licensee where no change in ownership or control is in-volved. In case of a broadcast station, an application for modification of license may be filed for change in location of main studio. In case of all stations other than broadcast, an application for modification of license may be filed for change in points of communication, change in nature of authorized service. and to cover an outstanding construction permit where the station is already licensed. Except when filed to cover construction permit, each application for modification of license shall be filed at least sixty days prior to the contemplated modification of license; Provided, howerer, that in emergencies and for good cause shown, the requirements hereof may be waived in so far as time for filing is concerned.

Renewal of license. Unless otherwise directed by the Commission, each application for renewal of license shall be filed at least sixty days prior to the expiration date of the license sought to be re-

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newed. No application for renewal of license of a standard broadcast station will be considered unless there is on file with the Commission, the balance sheet and income statement currently required by the rules of practice and procedure of the Commission, reference to which by date and file number shall be included in the application.

Financial statements. Each licensee of a standard broadcast station shall file with the Commission on or before March 1 of each year on Forms 705 and 706, or such other forms as may be prescribed by the Commission, a halance sheet showing the financial condition of a licensee as of December 31 of the preceding year and an income statement for the preceding calendar year. Each such form shall be subscribed and verified by: (1) the parties or party filing the statement; (2) in the case of a corporation, an officer of the corporation. (An attorney for either is allowed with sufficient reason.)

Filing directed by Commission. Whenever the Commission regards an application for a renewal of license as essential to the proper conduct of a hearing or investigation, and specifically directs that it be filed by a certain date, such application shall be filed within the time thus specified. If the licensee fails to file such application within the prescribed time, the hearing or investigation shall proceed as if such renewal application had been received.

Temporary extension of station licenses. Where there is pending before the Commission any application, investigation, or proceeding which, after hearing might lead to or make necessary the modification of, revocation of, or the refusal to renew an existing license, the Commission may, in its discretion, grant a temporary extension of such license; Provided, however, That no such temporary extension shall be construed as a finding by the Commission that the operation of any radio station thereunder will serve public interest, convenience, and necessity beyond the express terms of such temporary extension of license; And prorided further, That such temporary extension of liceuse will in no wise affect or limit the action of the Commission with respect to any pending application or proceeding.

Assignment or transfer of control. (a) General. An application for consent to

assignment of a construction permit or license, or for consent to transfer of control of a corporation holding a construction permit or license, shall be filed with the Commission at least sixty days prior to the contemplated effective date of assignment or transfer of control. If the assignment or transfer is voluntary, the appropriate application shall be fully executed by all parties and, if involuntary, by assignee or transferce only.

- (b) Broadcast. With each such application, involving any standard broadcast station construction permit or license, there shall be submitted under oath or affirmation all information required to be disclosed by the application forms prescribed by the Commission, together with such other information under oath or affirmation as the Commission may require.
- (c) Other than broadcast. In all classes of applications for consent to assignment of construction permit or license or for consent to transfer of control of a corporation holding a construction permit or license, other than those prescribed in paragraph (b), the Commission may require the furnishing of such information as in its discretion is deemed necessary.

Special temporary authorizations. (a) Special temporary authority may be granted for the operation of a station for a limited time, or in a manner and to an extent or for service other or beyond that authorized in an existing license upon proper application therefor; Provided, however, That no such request will be considered unless:

- 1. It is received by the Commission at least ten days previous to the date of proposed operation: Provided, however, That any such request received within less than ten days may be accepted upon due showing of sufficient reasons for the delay in submitting such request.
- 2. Full particulars as to the purpose for which the request is made are stated.
- (b) If the request is for operation of a standard broadcast station, the following additional requirements shall apply:
- 1. No such authority may be granted to a person other than the licensee of an existing standard broadcast station.
- 2. The request shall be limited to a definite or temporary period or periods

for the transmission of programs or events which are not recurrent, and approval thereof will not be granted for a period in excess of thirty days.

- 3. The request shall show that it has been seasonably submitted to other stations whose operations may be affected (to be determined as indicated below), and the date on which such request was so submitted, which such stations shall submit direct to the Commission waiver of objection to the granting thereof or a statement of the nature of any objections that such stations may desire to interpose:
- 4. If the request is for operation upon a clear channel, showing required above shall be made with respect to the Class I station or stations on the channel.
- 5. If the request is made by time sharing station, the showing required above shall be made with respect to the station or stations with which time is shared;
- 6. In any case, the showing required above must be made with respect to any station on the same or adjacent channels when any such station is located within the intereference range of the station making the request to be determined by the "Standards of Good Engineering Practice Concerning Standard Broadcast Stations."
- 7. Waiver of objections, or statement of objections, when furnished under this rule, shall be forwarded direct to the Commission by the responding station, and in the case of waiver shall show whether the waiver covers simultaneous operation or whether the station is giving up the time sought by the applicant. Where it appears that the proposed operation has been seasonably submitted to the station or stations referred to in sub-paragraphs (4), (5), and (6), above, and no reply has been received, it will be considered that such stations have waived any objections to the granting of the request.

Special Service Authorizations. Special Service Authority may be issued to the licensec of a standard broadcast station for a service other or beyond that authorized in its existing license for a period not exceeding that of its existing license upon proper application therefor; and satisfactory showing in regard to the following, among others:

(a) That the requested operation may

not be granted on a regular basis under the existing rules governing the operation of standard broadcast stations;

(b) That experimental operation is not involved as provided for by Part 3, Section 3.22, of the Rules and Regulations:(c) That public interest, convenience, and necessity will be served by granting the authorization requested.

Inconsistent or conflicting applications. When an applicant has an application pending and undecided, no other inconsistent or conflicting application filed by the same applicant, his successor or assignee, or on behalf or for the benefit of said applicant, will be accepted for consideration.

Multiple applications; broadcast service. In the broadcast service, while there is one application for new or additional facilities pending for a standard, international, television, facsimile, high frequency or experimental broadcast station, the Commission will not consider another application for new or additional facilities for a station of the same class (as given above) to serve in whole or in part the same area, by the same applicant or by his successor or assignee, or on behalf or for the benefit of the original parties in interest. Two such applications may not be filed simultaneously.

Repetitions applications. (a) Broadcast services. In the broadcast service, where an applicant has been afforded an opportunity to be heard with respect to a particular application for a new standard, international, television, facsimile, high frequency, or developmental broadcast station, or for an extension or enlargement of existing service or facilities, and the Commission has, after hearing or default, denied the application or dismissed it with prejudice, the Commission will not consider another application for a station of the same class (as given above) to serve in whole or in part the same area, by the same applicant or his successor or assignee, or on behalf of or for the benefit of the original parties in interest, until after the lapse of twelve months from the effective date of the Commission's order.

(b) Other radio services. In any other radio service, where an applicant has been afforded an opportunity to be heard with respect to a particular application for a new station, or for an extension or enlargement of service or facilities, and the Commission has, after hearing or default, denied the application or dismissed it with prejudice, the Commission will not consider a like application involving service of the same kind to the same area by the same applicant, or by his successor or assignee, or on behalf of or for the benefit of the original parties in interest, until after the lapse of twelve months from the effective date of the Commission's order: Provided, however, That the Commission may waive the requirements of this rule in situations affecting safety of life or property.

Pending appeals. Where an appeal has been taken from the action of the Commission in denying a particular applicant another application for the same class of broadcast station and for the same area, in whole or in part, filed by the same applicant or by his successor or assignee, or on behalf or for the benefit of the original parties in interest, will not be considered until the final disposition of such appeal.

### Action on Applications

Partial grants. Where any application is granted in part, or with any privileges. terms, or conditions other than those requested, without a hearing thereon, the action of the Commission shall be considered as granting such application unless the applicant shall, within twenty days from the date on which public announcement of such grant is made, or from its effective date if a later date is specified. file with the Commission a written request for a hearing with respect to the part, or with respect to the privileges, terms, or conditions, not granted. Upon receipt of such request, the Commission will vacate its original action upon the application and set the application for hearing in the same manner as other applications are set for hearing, and the applicant and other parties in interest will be notified thereof.

Designation for hearing. In cases where an application for radio facilities is proper upon its face but the Commission is unable to determine upon examination of the same that the granting of such application either in whole or in part, would serve public interest, convenience or necessity, the Commission will designate the same for hearing and the following procedure will govern it:

(a) The Secretary shall forthwith mail a written notice to the applicant setting

forth the action of the Commission designating the application for hearing, together with such statement of the Commission's reasons therefor as shall be appropriate to the nature of the application.

(b) In order to avail himself of the opportunity to be heard the applicant in person or by his attorney shall, within fifteen days of the mailing of the notice of designation for hearing by the Secretary, file with the Commission one additional copy of the application and all papers incorporated as a part thereof and a written appearance, stating that he will appear and present evidence on the issues specified in the statement of reasons furnished by the Commission on such date as may be fixed for the hearing.

### Answers to Notices of Violation

Under Title III of the Act. Any licensee receiving official notice of a violation of the terms of the Communications Act of 1934, any legislative act, Executive Order, treaty to which the United States is a party, or the Rules and Regulations of the Federal Communications Commission. shall, within three days from such receipt, send a written answer direct to the Federal Communications Commission at Washington, D. C., and a copy thereof to the office of the Commission originating the official notice when the originating office is other than the office of the Commission in Washington, D. C.; Provided, however, That if an answer cannot be sent nor an acknowledgment made within such three-day period by reason of illness or other unavoidable circumstances, acknowledgment and answer shall be made at the earliest practicable date with a satisfactory explanation of the delay. The answer to each notice shall be complete in itself and shall not be abbreviated by reference to other communications or answers to other notices. If the notice relates to some violation that may be due to the physical or electrical characteristies of transmitting apparatus, the answer shall state fully what steps, if any, are taken to prevent future violations, and if any new apparatus is to be installed, the date such apparatus was ordered, the name of the manufacturer, and promised date of delivery. If the installation of such apparatus requires a construction permit, the file number of the application shall be given, or if a file number has not been assigned by the Commission, such identification as will

permit of ready reference. If the notice of violation relates to some lack of attention or improper operation of the transmitter, the name and license number of the operator in charge shall be given.

### Revocation and Modification of Station Licenses

Revocation. Whenever the Commission shall institute a revocation proceeding against the holder of any radio station construction permit or license under Section 312 (a), it shall initiate said proceeding by serving upon said licensee an order of revocation effective not less than fifteen days after written notice thereof is given the licensee. The order of revocation shall contain a statement of the grounds and reasons for such proposed revocation and a notice of the licensee's right to be heard by filing with the Commission a written request for hearing within fifteen days after receipt of said order. Upon the filing of such written request for hearing by said licensee the order of revocation shall stand suspended and the Commission will set a time and place for hearing and shall give the licensee and other interested parties notice thereof. If no request for hearing on any order of revocation is made by the licensee against whom such an order is directed within the time hereinabove set forth, the order of revocation shall become final and effective, without further action of the Commission. When any order of revocation has become final, the person whose license has been revoked shall forthwith deliver the station license in question to the inspector in charge of the district in which the licensee resides.

Modification. (a) Order to show cause. Whenever the Commission shall determine that public interest, convenience, and necessity would be served, or any treaty ratified by the United States will be more fully complied with, by the modification of any radio station construction permit or license either for a limited time, or for the duration of the term thereof, it shall issue an order for such licensee to show cause why such construction permit or license should not be modified.

(b) Contents of order to show cause. Such order to show cause shall contain a statement of the grounds and reasons for such proposed modification, and shall specify wherein the said construction permit or license is required to be modified. It shall require the licensee against whom

it is directed, to be and appear at a place and time therein named, in no event to be less than thirty days from the date of receipt of the order to show cause why the proposed modification should not be made and the order of modification issued.

(c) Failure to appear. If the licensee against whom the order to show cause is directed does not appear at the time and place provided in said order, a final order of modification shall issue forthwith.

### Suspension of Operator Licenses

Order of suspension. No order of suspension of any operator's license shall take effect until fifteen days' notice in writing thereof, stating the cause for the proposed suspension, has been given to the operator licensec who may make written application to the Commission at any time within said fifteen days for a hearing upon such order. The notice to the operator licensee shall not be effective until actually received by him, and from that time he shall have fifteen days in which to mail the said application. In the event that physical conditions prevent mailing of the application at the expiration of the fifteen-day period, the application shall then be mailed as soon as possible thereafter, accompanied by a satisfactory explanation of the delay. Upon receipt by the Commission of such application for hearing, said order of suspension shall be held in abeyance until the conclusion of the hearing which shall be conducted under such rules as the Commission, shall deem appropriate. Upon the conclusion of said hearing the Commission may affirm, modify, or revoke said order of suspension.

Proceedings. Proceedings for the suspension of an operator's license shall in all cases be initiated by the entry of an order of suspension. Respondent will be given notice thereof together with notice of his right to be heard and to contest the proceeding. The effective date of the suspension will not be specified in the original order but will be fixed by subsequent motion of the Commission in accordance with the conditions specified above. Notice of the effective date of suspension will be given respondent, who shall send his operator license to the office of the Commission in Washington, D. C. on or before the said effective date, or, if the effective date has passed at the time notice is received, the license shall be sent to the Commission forthwith.

# DEVELOPMENTAL BROADCAST STATIONS

The term "developmental broadcast station" means a station licensed to carry on development and research for the advancement of broadcast services along lines other than those prescribed by other broadcast rules or a combination of closely related developments that can be better carried on under one license.

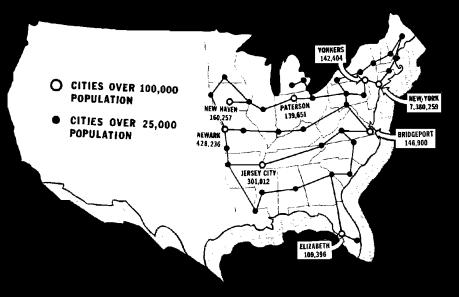
Licensee and Location	Call Letters	Frequency (kc)	Power	Emission
Bell Telephone Labs., Inc. Whippany, N. J	V3XDD	560, 900, 1340	50 kw	A3
Whippany, N. J	73XPY	43700, 44300	5000 w	Special
Mitchellville, Iowa V	V9XC	1000	1000 w	$\Lambda 3$
The Crosley Corp.				
Near Mason, Ohio	78XO	700	100 kw-5	00-kw A3
Natl. Broadcasting Co., Inc. W Area of New York, N. Y	V10XF	1614, 2398, 3492.5, 4797.5, 6425, 9135, 12862.5, 17310, 23100, 30660, 31024 31140, 31180, 31544 33340, 33460, 37066 37140, 37540, 39140, 39460, 39540, and rious frequencies tween 116050 and 161775, 162000-16800 210000-216000, 264000-270000, 300000-400000,	0. 0. 0. 0. va- be-	A1, A-2, A3, A4, A5 & Special A5 on frequencies above 162000 kcs.
		401000 and above		
Natl. Broadcasting Co., Inc.				
Area of New York, N. Y W  University of Connecticut	/10 <b>X</b> R	Same as above	100 w	A1. A2. A3, A4. A5 & Spccial A5 on frequencies above 162000 kcs.
Storrs, Conn W	/1XCS	39540, 139960, 300000-400000	$250~\mathrm{w}$	A3 & Special C.P. A3 &
		C.P. 26300, 139960, 300000-400000	C.P. 1000 w	Special with multiplexed facsimile

# INTERNATIONAL BROADCAST STATIONS IN THE UNITED STATES

The term "international broadcast station" means a station licensed for the transmission of broadcast programs for international public reception. (Frequencies for these stations are allocated from bands assigned, between 6,000 and 26,600 kilocycles, for broadcasting by International Agreement). Such stations, are required to render a broadcast service which will reflect the culture of this country and promote international goodwill.

Licensee and Location	Call Letters	Frequency (Kc)	Power
Columbia Broadcasting System, Inc. Near Wayne, N. J	WCBX	6120, 6170, 9650, 11830, 15270, 17830, 21570	10 kw C.P. 50 kw
Brentwood, N. Y	. WCRC	6060, 11830, 15270, 17830, 21520	50 kw (C.P. only)
The Crosley Corp.  Mason, Ohio	. WLWO	6080, 9590, 11710, 15250, 17800*, 21650 "conditional	50 kw
General Electric Company South Schenectady, N. Y.	WGEA	6190, 9550, 15330, 21500, 21590	25 kw C.P. 50 kw
General Electric Company South Schenectady, N. Y General Electric Company		6190, 9530, 15330	100 kw
San Francisco, Calif	. KGEI	6190, 9530, 15330 S.A. 9670	20 kw C.P. 50 kw
National Broadcasting Co., Inc. Bound Brook, N. J	. WRCA	9670, 21630 C.P 9670, 17780	35 kw C.P. 50 kw
National Broadcasting Co., Inc. Bound Brook, N. J	. WNBI	6100, 17780 S.A. 11890	35 kw
WCAU Broadcasting Company		C.P. 6100,21630	C.P 50 kw
Newtown Square, Pa		6060, 15270, 21520, 25725	10 kw
Saxonburg, Pa. C. P. Hull, Mass. World Wide Broadcasting Corp.	WPIT	6140, 9570, 11870, 15210, 17780, 21540	40 kw C.P. 50 kw
Scituate, Mass	. WRUL	6040, 11730, 11790, 15130, 15350, 17750	20 kw C.P. 50 kw
World Wide Broadcasting Corp. Scituate, Mass.		11730, 11790, 15130, 25600, 15350	20 kw
PENDING	APPLICA'	TION	
God's Bible School & College Cincinnati, Ohio	. Unassigned	d 11710, 21610	60 kw

# HERE'S THE COVERAGE MAP OF THE BASIC "ONE-STATION NETWORK"



WELL, maybe it is a little out of scale geographically. But WHN does reach into seven other cities—besides New York — of greater population than Charlotte, N. C., thirty-one others all greater than Ann Arbor, Mich., plus still forty-eight more cities each over 10,000 population. \* These cities might well be scattered from coast to coast—but they're not. The "one-station network" delivers them all in a compact Primary Area that does one-seventh of the entire nation's buying. \* Here you get not just America's largest city, but eighty-six other dynamic markets all at single-station cost. There is no greater value in advertising





## A NATION WIDE RADIO ANALYSIS

OF THE

UNITED STATES
CENSUS FIGURES
OF 1940

# THE 1940 CENSUS AND ITS VALUE TO RADIO

### By ROBERT A. LITZBERG

Statistical Editor, Radio Annual

THE broadcaster's problem of determining the number of radio listeners in a given territory is well on its way to being solved for the next five or ten years through the decennial count of population and enumeration of basic business statistics conducted by the Bureau of Census last year. The 1940 census figures presented in the 1941 RADIO ANNUAL will be the basis for evaluating the potential markets of individual stations for probably the next ten years unless one of the various research organizations which have been experimenting on this subject, evolves a new, practical and more accurate method of determining potential audiences than the one currently in use. The 1940 figures presented in this volume have been generally accepted by both advertising agencies and broadcasters as a basis for evaluating the potential audiences of broadcast stations. Included in the summaries, which are broken down into states and the counties within the states, are total population, families, radio homes and retail (food, drug and automotive stores and sales) statistics.

### New 1940 Figures

Broadcasters who use field intensity surveys to define their population count in primary and secondary areas will necessarily have to revise their coverage data on the basis of the new 1940 figures. According to news releases of the Census Bureau a few general deductions may be made from preliminary population totals:

- 1. The past decade has witnessed a sharp decrease in the rate of population growth, amounting to only a 7 per cent increase.
- 2. The marked decline in the growth of the population in this country during

the past decade is attributable to the virtual stoppage of immigration and the continued decline in the birth rate. (The stoppage of immigration, in time, if continued, may have a serious effect on "foreign language" broadcasters in metropolitan areas.)

- 3. The declining birth rate combined with a declining death rate is resulting in a constant increase in the average age of people. (This fact may have a slight effect in the future on type of products advertised via the airwayes.)
- 4. Greater relative percentage increases in population have occurred in southern states, particularly the South Atlantic states.

- 5. The northern industrial states showed a rate of population increase considerably less than the national average.
- 6. The Pacific Coast had the largest percentage increase in population of any of the major geographic divisions of the United States during the past decade.
- 7. Large cities are now growing very slowly and some are even decreasing in size.
- 8. The character of large cities is changing; as a result of better communications and living conditions, people have been drawn from centers of population to suburban areas. (This fact, too, may change the type of product advertised via radio.)

### Facts of Importance

In addition and in connection with the Population Census, other counts have been made by the Bureau. The broadcaster may find in them facts that will aid in telling his story to advertisers. Among these are:

- 1. The Housing Census, consisting of statistical data on the ages of homes, values, rentals, facilities and equipment, all of which are guides in studying the economic value and character of national, regional and local capacity and habits of buying. (This count will report the presence of radio receivers in individual dwellings.)
- 2. The Business Census, providing an exact measurement of each market in terms of retail sales, types of business, commodities, wholesale facilities, etc.
- 3. Census of Sales Finance Companies, showing how retail sales on an installment plan are financed by other than the retailer.
- 4. Census of Manufacturers (1939), consisting of statistical data on industry and broken down into 75 individual industries.
- 5. The Wholesale Census, consisting of a study of wholesale business.

- 6. The Retail Census, consisting of a study of retail trade.
- 7. The Census of Mines and Quarries, a study of minerals.
- 8. Census of Agriculture, consisting of statistical data about the farmer.

The 1940 population count takes on added significance as the result of the introduction by the FCC of a new method of allocating FM broadcast station licenses, on the basis of square miles and population served. The value of the data supplied by the Bureau of Census is based on the care and study which is used by the broadcaster in putting the statistics to his needs. RADIO ANNUAL presents on succeeding pages of this volume the more important statistics for use by time-buyer and broadcaster alike.

In using the data on succeeding pages several considerations must be kept in First, if the counties within a state are totaled the sum will not always coincide with the presented state totals. This is occasioned by the fact that the Bureau of Census makes certain adjustments on its original tabulations to account for the possibility of error or unavoidable omission. (The adjustments are accomplished by distributing a total of 125,000 to the preliminary population figures throughout the entire country; the addition of 125,000 to the total of 131,409,881 will have little percentage diffect on ninety-nine per cent of all market research and the only reason for mentioning the discrepancy is to inform those who may have occasion to total one of more states for their own purpose). Second, a few figures in the retail census are omitted because of their unavailability or because their release places certain businesses in an unfair competitive situation. (This is rare and occurs only in localities which are very small). Third, in order to present the data as compactly as possible, all money figures are given in thousands of dollars.



 Population
 2,832,961

 Families
 670,111

 Radio Homes
 376,330

	Popula-		Radio		TOOD			A F-DDF	
County	tion	Families	Homes	Store	FOOD s Sales	Store	ORUG es Sales	Stores	MOTIVE Sales
Autanga	20,994	4.974	2,330	57	8181	5	865	37	\$333
Baldwin	32,287	7.936	4,100	136	1,351	1 .2	175	93	1,701
Barbour	32,711	7.664	3,870	92	728	10	118	56	979
Bibb	20,161	4.636	2,380	19	252	5	37	20	461
Blount	29,447	6.590	3,040	66	304	15	67	61	758
Bullock	19.801	1,687	2.280	103	454	3	7.6	20	302
Butler	32,632	7,299	3.670	120	765	7	124	48	737
Calhoun	63.276	14,525	8.840	200	3.013	.1.1	432	105	2,727
Chambers	42.156	9.077	4.550	156	1.104	1.5	260	41	730
Cherokee	19.918	4.405	1.040	104	376	4	32	20	204
Chilton , ,	28,263	6,599	3.070	75	628	7	118	61	979
Choetaw,	20,205	4,555	2,200	59	140	• 2		18	312
Clarke	27,602	6.373	3,100	69	571	6	711	4:3	1,443
Clay	16,901	3.870	1.740	54	256	5	53	26	276
Cleburne ,	13,628	2.977	1,360	4*?	324	• 2	Δ.	18	200
Coffee	31.983	7,306	3,570	128	689	50	1.27	78	1,000
Colbert	34,054	8,238	4.750	108	1.394	7	153	63	1,366
Conceuh	25,392	5,621	2.690	62	412	4	75	35	463
Coa∢a	13,496	2,972	1.370	20	173	6	312	30	†168
Covington	42,372	9,860	5.160	104	1.183	15	293	131	1,928
Crenshaw	23.632	5 554	2.610	83	1:21	7	7.3	28	460
Cullman	47,338	10,693	4,950	118	740	7	179	65	1,765
Dale	22.680	5,327	2,620	716	493	8	94	76	408
Dallas	55,283	13.765	7.500	179	1.760	9	362	80	2.098
DeKalb	43.669	9,885	4.580	88	410	7	1.24	7.1	1,000
Elmore	34.547	7,731	3,630	141	1.007	8	123	64	989
Escambia	30,665	6.785	3,640	98	842	9	144	79	1,954
Etowah	72.596	17,178	10,750	221	3.128	26	573	118	3,702
Fayette	21,648	4.921	2,280	433	406	6	64	33	659
Franklin	27.553	6.131	3,010	15:1	560	8	96	50	684
Geneva	29.171	6,602	3,140	76	457	12	133	63	734
Greene	19,269	4.702	2.170	24	124	3	63	14	÷137
Hale	25,600	5,939	2,700	28	265	8	65	99	361
Henry	21,893	4.840	2,240	54	363	()	63	27	428
Houston	45,720	11,121	6.150	168	1.375	16	278	114	2,051
Jackson	41,895	9,110	4,250	121	787	7	129	47	750
Jefferson	458,956	118,787	85,500	1.390	25.148	185	4.047	601	27,336
Lamar	19.611	4.427	2,020	53	268	7	53	27	274
Lauderdale	45,449	10,641	5,700	130	1,464	11	193	72	1,376
Lawrence	27.878	6,284	2,740	5.3	439	- 3	:34	26	†181
Lee	36,447	8,569	4,860	134	1,320	1.5	300	47	1.326
Lunestone	35,606	8.004	3,800	95	632	7	131	44	682
Lowndes	22,602	4,936	2,190	62	242	4	13	18	†118
Macon	27,626	6,348	3,050	132	893	8	139	53	704
Madison Marengo	$\frac{66,208}{35,980}$	$\frac{15,212}{8,639}$	$\frac{7.950}{4.120}$	209 110	2.657 679	13 6	$\frac{350}{112}$	433 37	2.413 727
Marion	28,720	6,240	2,940	36	245	5	67	58	716
Marshall	42.509	9,717	4.710	134	$\tilde{9}\tilde{1}\tilde{2}$	14	206	93	1.588
Mobile	141,498	35,787	24,450	701	9,122	55	1.978	271	7,359
Monroe	29.468	6.441	3,030	65	382	6	67	215	746
Montgomery	114,390	29.471	19,900	497	6,099	42	1.014	140	6,769
Morgan	47.757	11,764	6.710	157	1.602	16	284	80	2,628
Perry Prekens	$\frac{26.716}{27,668}$	5,927 6,284	4 750 2,880	7 f 5 <b>4</b>	650 420	5 6	92 86	19 26	489 689
Pike	32 481	7,705	3.980	133	1,056	10	141	84	1,337
Randelph	26,924	5.793	2.800	49	320	6	72	39	520
Russell	35,786	8 572	4,300	163	916	10	82	41	717
St. Clair	27,320	6,269	3,140	80	645	7	92	15	1.141
Shelby	29.117	6.802	3.450	76	786	<b>!</b> )	105	43	448
Sumter	27,289	6,391	2.960	40	265	. 7	64	29	644
Talladega	50.818	11.206	5.940	132	1,816	5.0	317	89	1,635
Tallapoosa	34,247	8.102	4,120	72	979	12 16	200	. 55	1,219
Tuscaloosa	75.995 $64.186$	$17.462 \\ 14.366$	9,950 7,800	247 143	$\frac{3.043}{1.689}$	16	581 259	85 68	3.212
Walker	$\frac{64.186}{16.185}$	3,564	1,760	143 65	369	1.3	2.031	28	$\frac{1.715}{270}$
Wileox	26.259	5.959	2,710	63	246	4	<del></del>	20	÷124
Win-ton	18.751	4.015	1,890	36	267	Ā	57	28	483
TOTAL STATE		670,111	376,330	8,802	\$93,910	833	816,117		\$105,811

<sup>\*</sup>Data unavailable. †Filling Station Sales only.

### ARIZONA

 Population
 499,261

 Families
 130,020

 Radio Homes
 99,420

	Popula-		Radio FOOD			DR	UG	AUTOMOTIVE	
County	tion	Families	Homes	Stores	Sales	Stores	Sales	Stores	Sales
Apache	21,076	5,192	3,460	20	8239	3	,,	27	\$456
Cechise	34.540	9.178	7.120	132	2,528	13	\$330	100	2,587
Cocomino	18 507	4 477	3,330	38	1,000	5	222	70	1 804
Gilla	23.924	6.578	5.170	1511	1 843	11	288	6523	1.597
Graham	12,154	2.850	1.960	35	644	5	111	4.5	615
Greeniee	8.716	2.166	1.530	229	386	:2	*	24	47.1
Maricopa	185.356	49,831	38,650	678	12.950	7.8	3,260	503	16.600
Mohave	8.552	2.640	1.860	33	1.119	:3	122	53	1,040
Navajo	25.173	5 865	4.240	47	938	4	299	59	1.450
Punte	72.932	19.093	15,690	263	7,141	29	1.570	172	6.144
Pinal	28.825	6.876	1.790	97	1.647	12	310	ð.j	1.417
Sanda Chaz	9.541	2 384	1.920	3165	702	4	110	22	550
Yayapar	26,266	7.80%	5.960	100	2,270	15	106	105	2 443
Yuma	10,227	5,088	3,740	64	1,449	10	269	81	1.459
TOTAL STATE	199.261	130.020	99,120	1.611	\$31,856	194	\$7,121	1,116	\$38,977

<sup>\*</sup>Data unavailable.

ARK		NS.	AS	Fa	pulation milies dio Hon				949,387 494,716 252,760
Arkans is	. 24.443	6.451	3.370	70	8959	۶.	5190	1 %	81,375
Ashley	26.778	6.814	3.140	58	77.2	11	221	37	332
Baxter	9.796	2.520	1.110	4.3	175	4	52	213	191
Benton	36.111	10.046	4.800	108	964	21	283	106	1.392
Boone	15.954	4.209	2.160	59	590	7	159	59	982
Bradles	18.085	4.162	2,200	62	496		81	.2.1	654
Calhoun	9 693	2.265	960	24	118	;;	15	1:2	÷60
Jarroll	14.871	4.017	1.800	57	349	7	105	16	126
'hicot	27.453	7.368	3.120	99	1174		123	333	529
lark	21 114	6.113	2.980	7.1	720	10	160	(50)	11416
Clay	28,373	6.935	3,100	97	552	11	126	146	4.16
Cleburne	13,127	3.187	1.380	65-1	245	4	45	17	283
Cleveland	12.570	2.915	1.190	45	275	:3	29	9	60
Columbia	29.754	7.389	3.370	92	855	×	180	339	965
Conway	21.497	4.970	2.350	80	505	7	106	3.4	587
Craighead	47.100	11 553	5.900	167	1.542	19	3110	1912	2 287
Crawford	23 914	5.940	3,050	83	7159	!+	1.51	4.5	648
Crittenden	41.871	11,498	4,800	198	1,375	10	99	47	2.067
Cross	26,021	6.273	2.910	111	701	43	94	34	845
Dallas	14.461	3 558	1.800	74	573	65	67	20	829
De-ha	27.150	7 139	3,470	80	825	$\bar{\mathbf{o}}$	111	.3.8	395
Drew	19,907	4 951	2.330	titi	717	7	123	39	626
Faulkner	25.871	6.349	3.140	9.5	598	7	120	61	946
Franklin	15,656	3.850	1.700	334	177	ti	61	1313	327
Fulton	10.269	2.547	1.060	12.63	98	:3	20	1.5	751
Garland	41,610	11.590	7.780	166	2.660	30	708	1.33	2.013
Grant	10,469	2,607	1.140	26	293	4	33	17	†188
Greene	30.187	7.360	3.630	1.29	905	12	148	33	673
Hempstead	32.702	8 070	3 930	11.2	791	9	180	47	1.718
Hot Spring	18,907	4.695	2.450	23	488	7	11.2	633	651
Howard	16,620	4,174	1.870	51	483	6	103	37	486
Independence	25,757	6.241	3 050	11:3	720	5	87	4 2	803
lzard	12,829	3,107	1.280	38	99	4	. 24	$\frac{14}{37}$	144
Jackson	26.359	6,397	3.040	76	806	16	155	111	$\frac{681}{3.731}$
Jefferson	65,068	17.806	9.700	306	2.595	10	114	39	529
Johnson	18.776	4,725	2,300	65	700	7	41	18	482
Lafayette	16.852	4.267	1.990	67	371		72	43	531
Lawrence	22 651	5,425	2,420	.72	531	6	titi		509
Lee	26,816	6.821	3,100	118	697	5	130	25	÷156
Lincoln	19,707	4.916	2.020	73	347	5	55 75	19 19	†136 †91
Little River	15 928	1.083	1.790	18	358	16			507
Logan	25,960	6,052	2.870	45:3	498	10	146 164	52 77	1,275
Lonoke	29 506	7.541	3.200	97	843	10 6	49	20	†55
Madison	14,543	3.520	1,430	39	78	9	127	12	62
Marion	9.467	2,326	990	36	$\substack{114 \\ 1.390}$	6	188	51	2.227
Miller	31 637	8,007	4.650	$\frac{136}{318}$	2,622	31	550	111	4.351
Mississippi	80.148	19.711	$\frac{9.420}{2.500}$		528		116	25	507
Monroe	21,146	5,277	7.500	40	575	1.	110		0.07

	Popula-		Radio	F	OOD .	DR	UG	AUTON	TOTIVE
County	tion	Lamilies	Homes	Stores	Sales	Stores	Sales	Stores	≓n]ra
Montgomery .	8.875	2.221	990	34	145	-12	*	21	103
Nevada	19.786	4,794	2,220	42	154	Ü	81	54	721
Newton	10.888	2,456	1,000	34	633	1	*	1.5	80
Onachita :	31.029	1,623	4.100	104	1.230	133	205	55	1,422
Perry	9.386	1.962	850	3.5	101	::	1.1	11	55
Phillips	15.919	12.680	6.560	163	1.673	1.12	257	34	1.390
Pilke	11.788	2.950	1.330	4.8	300	5	333	30	†170
Poinsett	37,648	8,750	4.060	118	1.150	1.5	209	58	649
Polk	15.817	4.0633	5 000	+5	429	15	15	ล์อั	753
Pope	25,676	65.07.9	3,040	63	639	11	131	7 L	918
Prairie	15,300	31.770	1.670	35	281	7	65	30	245
Pulaski	$156 \ 153$	-02.134	31.100	557	9.171	2.4	2.322	324	13,772
Randolph	18,305	4.461	1,910	1,115	302	15	72	39	548
St. Francis	36,040	9.199	+180	150	1.091	10	185	54	997
Saline	19.143	1 116	5.500	43	44:2	::	44	610	686
Scott	13.298	3,344	1.470	60	178	+	43	23	444
Searcy	12,169	9.798	1,160	:3}1	120	5	51	23	192
Sebastiau	62.651	16 7 15	-11.100	251	8,089	-2~	815	150	4,764
Sever	15,250	31.820	1.850	4(1	455	7	125	27	278
Sharp	11,477	2.827	1 210	37	105	5	18	28	183
Stone	8,597	1,985	810	16	51	1	49	•6	127
Union	50.177	1.4 212	7,720	232	2.834	18	561	105	3,766
Van Buren	12,292	2.979	1.230	40	94	:3	20	24	÷102
Washington	41.097	11.157	6,050	1:::3	1.322	17	352	101	1.980
White	37 117	9,473	4,400	L18	903	15	166	83	1.071
Woodrull	22.147	5.315	2.350	84	663	9	1:24	::4	495
Vell	20 9943	5,088	2.200	6]	4:31	11	7.1	40	481
TOTAL STATE	1,919,387	191,716	252,760	7,073	862,523	701	\$12,736	3,590	\$78,435

<sup>&</sup>quot;Data tanavailable. "Fifting Station Sales only.

CALIFORNIA				Populat Familie Radio	·s .	2,		907,387 ,130,997 ,013,260	
Alameda	506,190	162.826	153,220	2.418	867 962	258	89.331	1 121	546.074
Alpine		100	100	4	:			1	
Amador	8 959	2.646	2.560	41	966	8	133	29	737
Butte	42.651	13.241	12,560	1.53	5 247	50	465	156	-1.963
Calaveras	8 211	2.788	2,680	433	834	1	104	34	679
volusa	9.553	4,855	2,760	:3+;	971	7	170	49	1.051
Loutra Costa	97,806	30.145	27.610	393	10.679	40	1.168	259	8,446
Del Norte	1,122	1.565	1.510	34	532	3	5.2	4.0	637
E: Dorado	13.172	4.408	4 250	67	1.827	-1	81	-60	÷476
Fresno	178,574	50,319	17.800	159	18.826	69	2,248	558	19.481
Glenn	12.201	3 529	3,420	28	1.236		118	47	1.304
Humboldt	45.498	13,758	13,130	1105	5 064	1:	476	187	5.168
Imperial	59, 551	15.010	14 220	194	5.832	.1.3	724	202	6.881
Inyo . Kern	1.516	2,363	2 280	25	1,249	5	133	1 >	1.345
	$\frac{133,531}{35,102}$	36.161	34 520	136	14.622	46	1.488	4.54	16.013
Kings		9,666 2,745	9.210 $2.620$	128	3 467	14	392	118	3.828
Lake	8,045 14,468	4 291	4.150	56 12	936 1 620	š	116	56	690
	2,777 211	893 553	540,000		309,570	5	190	44	1.532
Madera		4.557	6,250	80	2.136	1,343 6	48,968	1,506	$\frac{296.681}{1.856}$
		13.528	[2,880	211	6,313	-2:3	188		4.173
Marin Marinosa	4.686	1.932	1.870	23	334	2.5	510	131 25	†441
Mendocino	27,375	7 097	7.810	101	2,374	11			
	46.935	12.894	12.350	144	4.486	1;	194	132	2,115
Mercel	8.114	2,736	2.610	38	874		537	185	4,700
Morane	2.283	767	100	20	214	; —	78	27	650
Mono	72,813	20.458	19 580	261	8,353	4:		18	149
Monterey	28,414	7,714	1,350	82	2,863		1,200	256	8,633
Napa Nevada	19.224	6.021	5.320	87	2,829	11 9	365	95	2.440
		40.075	35,010	568		66	286	70	1,928
Orange	$\frac{130,803}{27,917}$	8,333	7,940	126	13,561	17	2.101	502	12,982
Placer		3,508	3.410	62	3.481		389 259	126	2.177
Plumas	11,557		30 190	391	1.495	18		49	554
Riverside	165,448	31,531	46,500		10.545		1.426	412	10,326
Sacramento	169 593	49 053		7.03	20,292	83	4.205	498	20,870
San Bentto	11.592	3,488	3,320	40	1.104	.5	121	36	1.031
Sau Bernardino	161,769	46 696	44.250	5.34	15,330	60	2.235	1500	15.914
San Diego	089.413	90.583	85,450	1.223	29,149	139	4,692	8.54	26.901
san Francisco	629.553	206,523	104,000	3,336	55.081	371	14,664	730	16.916
San Josanno,	134.058	36,632	34,800	1:34	12.564	58	1.592	440	12.923
S.m. Lius Obispo.	38 145	10,144	9,740	154	3,670	19	144	167	3.916
San Mateo	109.298	33,489	31,700	457	14.003	-46	1.315	309	11.069
Santa Barbara .	68 207	20.807	19 700	264	9,551	31	1 227	261	8,404
Santa Clara	174,367	52,283	49,500	7.37	-19.137	71	2.540	553	18.655
Santa Cruz	[1.806]	11,957	11,180	211	5.511	26	700	166	4,386
Shasta	28.7.54	8,967	5,540	119	3.217	9	396	11 <del>1</del>	4.043

C 1	Popula-		Radio	1	FOOD	1) (	tt G	AUTO	MOTIVE
County	tion	Families	. Homes	Store	s Sales	Stores.	Sales	Stores	Sales
Sierra	3,033	1.074	1.040	1.4	297	-2		-	
Siskiyon	28 534	8 680	8 340	115	2.860	17	355	107	2,139
Solieno .	45.779	13.610	13 020	1:00	5.636	24	584	120	4.271
Somenia	68.819	21.674	20 800	328	8.0%5	37	97.2	305	6.594
Stamslans .	74,935	21.888	20,990	206	7.493	:3:3	924	309	9.126
Sittler	18,702	5.507	5.260	53	1.262	5	61	17	864
Tehania	14.347	4.510	1310	64	1.428	- 1	180	6.7	1.518
Trinity	31,9030	1.425	1.350	210	181	1		1::	51
Tulare	106 285	20.480	25 100	331.4	9.161	310	950	4107.1	5.5.63
Tuotamo	10.871		3,230	422	1.540	7	150	15	1.193
Ventura	68,833	18,861	18,010	258	7.289	:40	7.50	231	6.501
Yolo	::: 4:0>	7.760	7,450	7.33	2.828	1 :2	129	108	3.072
Yuba	16 998	4,985	1.740	85	2,935	8	31/57	7.3	÷750
TOTAL STATE	6.002.202								

TOTAL STATE: 6.907.387 2.130.997 2.043.260 28.140 8781.293 3.285 8144.006 49.634 8693.174

<sup>·</sup> Data may alabe. (Filling Station Sales or ly).

Adams 23 391 5,709 4,190 60 81,005 8 5119 91 81,008 1 Alamos 10,456 2,726 2,190 30 90 4 229 41 1351 1351 Arapaboe 32,171 9,018 1320 95 2,501 11 355 114 2,212 Arapaboe 32,171 9,018 1320 95 2,501 11 355 114 2,212 8 8 8 8 8 8 9 19 17 2 9 8 8 8 7 4 8 8 8 8 8 1 10 17 2 9 8 8 8 7 4 8 8 8 8 8 1 10 17 2 9 8 8 8 1 4 22 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COL	OR			) Fa	pulation imilies				.123,296 314,952
Avapabas					Ra	idio Hoi	nes			254,900
Avapabas	Mams	22.301	5.500	4 100		51				54
Architect										
Architect										
Beat										
Boulder										
Boulder										
Chesterne   Ches										
Cheer Creek   3,580   1,165   193   155   140   4   488   20   2331										
Concise	Chevenne									
Conciles		3.780								
Cossilla   7.528   1.937   1150   22   90   1   10   10   10   10   10   10	Concjos		2.556							
Custer 2,268 6.77 160 7 160 6 1 18 206 8 18 21 300 Custer 2,268 6.77 160 7 160 6 7 160 6 1 17 160 6 1 17 160 6 1 17 160 6 1 17 160 6 1 17 160 6 1 17 160 6 1 17 160 6 1 17 160 6 1 17 160 6 1 17 160 6 1 17 160 6 1 17 160 6 1 17 160 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Costilla		1.627			90	1			
De.1a	Crowles		1,403	970		296	-3	15		
Dentarrow   218.415   90.294   8.400   1351   30.501   90.9   185   50   1.165   1.165   1.1944   538   380   51   7.9		2.268	1177	160	7	1:3:3	:1	i:		
Dollers					40	1150	<b>!</b> •	185		
Donzlas				57.400	1.351	32,053	2336	9.348	7.7.5	
Eagle 5.329 1.500 1.000 55 402 4 53 53 156 Elbert 5.4459 1.545 1.010 11 242 4 21 24 240 El Paso 50.700 16.189 13.950 251 5.401 10 1111 255 5.300 Fremont 19.726 5.230 4.980 73 1.300 9 211 91 1.404 Garfield 10.565 3.044 2170 25 137 8 218 51 1.081 Gilpin 1.617 580 150 13 135 1 2 5 5 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							_		- 1	
Ellert   5,459   1,535   1 010   11   242   4   21   24   240							-		1112	+ 237
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$							4	7.3	.5:3	156
Fremont										
Garfield 10.565 3.044 2.170 25 100 8 218 51 1.051 Gilpin 1.617 580 150 10 100 10 1 0 7 5 40 0 0 10 100 1 1 7 5 40 0 0 10 100 1 1 7 5 40 0 10 100 1 1 7 5 40 0 10 100 1 1 1 1 1 1 1 1 1 1 1 1 1 1										
Gilpin 1,617 580 150 13 105 1 2 5 40	Fremoni									
Grand         3.547         1.922         750         93         332         9         127         38         446           Gunnison         6.180         1.761         1.340         19         403         6         96         15         423           Huschab         349         125         100         3         15         —         —         2         7           Huccharo         15,901         4,008         3 150         58         963         5         92         55         1 00           Jackson         1,178         528         360         10         189         1         15         591           Jefferson         30,502         8,814         6,480         95         1,505         11         297         121         2,068           Kiw         2,787         820         550         19         142         2         —         17         412         2,068           Kit Corson         7,499         2,005         1,360         23         312         5         134         45         686           Lake         6,877         2,001         1,560         18         703         3         176 <td>Garneid</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Garneid									
Gumnson         6,180         1,761         1,340         19         400         6         96         15         421           Hunslab         349         125         100         3         15         —         —         2         7           Huertaro         15,901         4,068         3 170         58         903         5         92         55         1 009           Jackson         1,778         528         360         10         189         1         15         591           Jefferson         30,502         8,814         6,480         95         1,505         11         207         123         2,068           Kiowa         2,787         820         550         19         142         2         —         17         \$120           Kit Corson         7,499         2,005         1,360         28         312         5         134         45         686           Lake         6,877         2,001         1,560         18         703         3         176         21         623           Lac Plate         15454         1,108         3,150         45         1,110         7         170 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>										
Huselab										
Huertaro										4.1
Justiceson   1,778   528   356   10   189   1   15   297   291   2,068   Kiowa   2,787   820   550   10   142   2   2   17   4122   Kit Carson   7,499   2,065   1,330   23   312   5   134   45   686   6867   2,001   1,600   18   703   3   176   21   623   12   12   176   21   623   12   12   12   12   12   12   12									-	1.0000
July										
Ritown         2,787         820         550         19         142         2         -         17         \$120           Kit Carson         7,499         2,005         1,330         23         312         5         134         45         686           Lake         68877         2,001         1,500         18         703         3176         21         622           La Plat         15454         1,108         3,150         45         1,110         7         170         53         1,303           Lacimer         35,449         10,567         8,530         154         3,091         16         572         176         3,349           Las Anumas         32,318         8,193         6,300         118         2,024         9         255         82         1,960           Lincoln         5,912         1,661         1,120         19         280         5         103         61         701           Logan         18,268         4,670         3,500         52         1,166         8         214         70         1,907           Mosq         33,770         9,156         6,350         115         2,531         13 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>207</td> <td></td> <td></td>								207		
Kit Carson         7,490         2,005         1,230         23         342         5         134         45         688           Lake         6,877         2,001         1,600         18         7,63         3         176         21         623           Lac Plate         15,454         1,108         3,150         45         1,110         7         170         53         1,303           Las Animas         32,318         8,193         6,300         118         2,094         9         255         82         1,960           Lincoln         5,912         1,661         1,120         19         280         5         103         61         701           Logan         18,268         4,670         3,500         52         1,166         8         214         70         1,907           Mosa         33,770         9,156         6,950         15         2,531         12         35         99         30         841         70         1,907           Moffat         5,000         1,543         1,000         23         447         2         25         47           Montez-ma         97,05         2,465         1,720										
Lar Plat ()         15 454         1,108         3,150         45         1,110         7         110         53         1,363           Larimer         35,440         10,561         8,530         154         3,061         16         572         176         3,649           Las Ammas         92,318         8,193         6,360         18         2,024         9         255         82         1,660           Lingoln         18,268         4,616         1,120         49         280         5         103         61         701           Mosa         33,770         9,156         6,950         115         2,531         13         357         93         3,081           Mineral         959         294         220         10         100         1         357         93         3,081           Montezama         9,705         1,543         1,060         23         447         2         25         477           Montezama         9,705         1,465         1,720         21         420         5         139         25         666           Montezama         15,112         1,081         2,920         30         844	Kit Carson	7,499	2,005	1,330	12:3	312	5	1:34		
Larimer         35.440         10.565         8.530         154         3.005         16         522         176         3.049           Las Annas         02.318         8.193         6.300         118         2.024         9         255         82         1.060           Lincoln         5.912         1.661         1.120         19         280         5         103         61         701           Logan         18.268         4.646         3.500         52         1.166         8         214         70         1.907           Mosa         03.770         9.156         6.050         15         2.501         10         357         93         3.081           Mineral         959         294         220         10         100         1         64         44           Moffet         5.095         1.543         1.060         23         447         2         25         47           Montrose         15.112         1.081         2.920         30         841         6         186         40         1.574           Otreo         20.489         6.420         5.010         91         1.820         11         234	Lake	6.877	2.001	1.600	15	7 (0)	::	176	2.1	65:223
Las Annuas         92.318         8.193         6.300         118         2.024         9         255         82         1.000           Lincoln         5.912         1.661         1.120         19         280         5         103         61         701           Logan         18.268         4.670         9.500         52         1.166         8         214         70         1.007           Mosq         33.770         9.156         6.950         115         2.531         10         357         93         3.081           Mineral         959         294         220         10         100         1         6         44           Moffat         5.090         1.543         1.000         20         447         2         95         447           Montezana         9.705         2.465         1.720         21         420         5         139         25         566           Montezana         9.755         2.465         1.720         21         420         5         139         25         466           Morgan         15.112         1.081         2.920         30         841         6         186 <td< td=""><td>La Plate</td><td>15.454</td><td>1.108</td><td>3.150</td><td>45</td><td></td><td>7</td><td>170</td><td>50</td><td>1,303</td></td<>	La Plate	15.454	1.108	3.150	45		7	170	50	1,303
Lincoln         5.912         1.661         1.120         19         280         5         103         61         701           Logan         18.268         4.676         3.500         52         1.166         8         214         70         1.907           Mosq         33.770         9.156         6.955         115         2.531         12         357         93         3.881           Mineral         959         294         220         10         100         1         6         44           Moffat         5.690         1.543         1.060         23         447         2         25         47           Montrozatina         9.705         2.465         1.720         21         420         5         139         25         566           Montrose         15.112         1.081         2.920         30         844         6         186         40         1.574           Otero         20.489         6.420         5.040         91         1.829         11         234         85         1.674           Otero         20.489         6.420         5.040         91         1.829         13         353 <t< td=""><td>Lagrimer</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>176</td><td>3,649</td></t<>	Lagrimer								176	3,649
Logan							•			
Moss         33.770         9.156         6.050         115         2.501         10         357         90         3.081           Mineral         959         294         220         10         100         1         6         44           Moffat         5,090         1.543         1,060         23         447         2         25         477           Montezana         9.705         2.465         1.720         21         420         5         139         25         666           Montrose         15,112         1.081         2.920         30         844         6         186         40         15,544           Morgan         17,184         4.974         3.220         48         1.208         11         234         85         1.674           Otero         23 489         6.420         5 040         91         1.829         13         353         162         1.722           Oursy         2 086         629         460         8         100         1         65         5         58           Park         3 266         1,045         740         21         217         2         27         304     <										
Mineral         959         294         220         10         10d         1         61         44           Moffat         5,090         1,543         1,060         23         447         2         25         47           Montezania         95,05         2,465         1,720         21         420         5         139         25         566           Montrose         15,112         1,081         2,920         30         844         6         186         40         1,574           Morgan         17,181         4,941         3,220         48         1,268         11         234         85         1,674           Olero         20,489         6,420         5,040         91         1,829         10         353         162         1,792           Oursy         2,086         629         460         8         100         4         65         5         58           Park         3,266         1,065         740         23         217         2         27         304           Phillips         4,948         1,394         980         20         366         5         81         33         450										
Moffat         5.09b         1.543         1.000         23         447         2         95         475           Montezana         9.705         2.465         1.720         21         420         5         139         25         566           Montezana         15,112         1.081         2.920         30         841         6         186         40         15.144           Morgan         17,181         4.371         3.220         48         1.208         11         234         85         1.674           Otero         20.489         6.420         5.040         91         1.829         13         353         102         1.792           Oursy         2.086         629         460         8         160         4         65         5         458           Park         3.266         1.065         740         23         271         27         204           Pillibs         4.948         1.394         980         20         306         5         81         33         450           Pitkin         1.860         569         420         8         100         2         5         42 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>357</td><td></td><td></td></t<>								357		
Montezima         9.505         2.465         1.720         21         420         5         109         25         566           Montrose         15.112         1.081         2.020         30         841         6         186         40         1.574           Morgan         17.181         4.371         3.220         48         1.208         11         234         85         1.674           Otero         20.489         6.420         5.040         91         1.829         13         353         102         1.792           Oursy         2.086         629         460         8         100         4         65         5         458           Park         0.266         1.065         5.40         21         277         204           Phillips         4.948         1.994         980         20         366         5         81         33         450           Pitkin         1.660         560         420         8         100         2         5         42           Prowers         12.273         3.298         2.430         16         807         10         205         62         1.159										
Montrose         15,112         Lo81         2,920         30         841         6         186         40         1,574           Morgan         17,181         4,371         3,220         48         1,208         11         234         85         1,674           Otero         20 489         6,420         5 040         91         1,829         10         2350         102         1,792           Oursy         2 086         629         460         8         160         4         65         5         458           Park         0.266         1,005         749         21         21         2         27         304           Phillips         4 948         1.394         980         20         366         5         81         33         450           Pitkin         1.860         569         426         8         100         2         5         42           Prowers         1.2,273         3,298         2,430         16         867         10         205         62         1159           Pueblo         68 883         18 235         15,600         263         5,440         26         812         167										
Morgan         17,181         4,371         3,220         48         1,208         11         234         85         1,674           Otero         20,489         6,420         5,040         91         1,829         10         353         102         1,792           Oursy         2,986         629         460         8         1,604         4         65         5         458           Park         3,266         1,065         740         23         271         2         27         304           Phillips         4,948         1,394         980         20         306         5         81         33         450           Pitkin         1,660         569         420         8         100         2         5         42           Prowers         12,273         3,298         2,430         16         861         10         205         62         1,159           Pueblo         68,883         18,235         15,600         263         5,440         26         812         167         5,526           Rio Blance         2,942         849         580         263         5,440         26         812         167 <td></td>										
Otero         2B 489         6.420         5 040         91         1.829         13         353         102         1.792           Oursy         2 086         629         460         8         100         4         65         5         458           Park         0 266         1.065         740         23         257         2         27         304           Phillips         4 948         1.394         980         20         366         5         81         33         450           Pitkin         1.660         560         420         8         100         2         5         42           Prowers         12.273         3.298         2.490         16         867         10         205         62         1.159           Pueblo         68 883         18 235         15,600         263         5,440         26         812         167         5,526           Rio Blanco         2.942         849         580         7         169         2         "         9         3,81           Rio Grande         12.390         3,139         2,340         40         81         5         724         18         <										
Ouray         2 686         629         440         8         160         4         65         5         458           P.rk         3 266         1,065         740         23         271         2         27         304           Phillips         4 948         1 394         980         20         306         5         81         33         450           Pitkin         1 860         569         420         8         100         2         5         42           Prowers         1 2,273         0.298         2,430         16         867         16         205         62         1,150           Pueblo         68 883         18 235         15,600         263         5,440         96         812         167         5,526           Rio Blanco         2 942         849         580         7         169         2         9         84           Rio Grande         12,390         3,139         2,340         40         81         5         221         18         1,322										
Park         0.266         1.065         740         23         211         2         27         304           Phillips         4.948         1.394         980         20         366         5         81         33         450           Pitkin         1.650         569         420         8         100         2         5         42           Prowers         12.273         3.298         2.430         16         865         10         205         62         1,159           Pueblo         68.883         18.235         15.600         263         5.440         26         812         167         5.526           Rio Blanco         2.942         849         580         1.09         2         "         9         181           Rio Grande         12.390         3.139         2.340         40         811         5         221         18         1.322										
Phillips         4 948         1 394         980         20         366         5         81         33         450           Pitkin         1 860         569         420         8         100         7         5         42           Prowers         1 2,273         3,298         2,439         16         867         10         205         62         11,59           Pueblo         68 883         18 235         15,600         263         5,440         26         812         167         5,526           Rio Blanco         2 942         849         580         7         169         2         "         9         481           Rio Grande         12,390         3,139         2,340         40         81         5         22f         18         1,322								****		
Pitkin         1 660         560         420         8 100         7         5         42           Prowers         12,273         5,298         2,430         16         861         10         205         62         1,150           Pueblo         68 883         18 235         15,600         263         5,440         26         812         167         5,26           Rio Blanco         2 942         849         580         7         169         2         "         9         3,81           Rio Grande         12,390         3,130         2,340         40         814         5         224         18         1,322								8.1		
Prowers         12,279         0.298         2,430         16         867         16         205         62         1,150           Pueblo         68 883         18 295         15,600         263         5,440         26         812         167         5,526           Rio Blance         2.942         849         580         1 169         2         "         9         181           Rio Grande         12.390         3.139         2.340         40         81         5         221         18         1,322								,		
Diceble         68 883         18 295         15,600         263         5,440         26         812         167         5,526           Rio Blanco         2 942         849         580         7         169         2         "         9         481           Rio Grande         12,390         3,139         2,340         40         811         5         721         18         1,322								205		
Rio Blanco 2 942 849 580 7 169 2 7 9 584 Rio Grando 12.390 3.139 2.340 40 814 5 224 18 1,322										
Rio Grande 12,390 3,130 2,340 40 81 5 221 18 1,322										
				2,340		514	5	221	1.8	
		10.494	3 025	2,250	233	550	7	14+;	35	926

	Popula-		Radio	Ŧ	TOOD	DR	UG	AUTO	MOTIVE
County	tion	Families	Homes	Stores	s Sales	Stores	Sales	Stores	Sales
Saguache	6.165	1,551	1,120	25	299	5	51	25	365
San Juan	1,428	387	300	5	123	2	*	6	63
San Mignel	3,443	1.034	740	18	273	2	*	7	180
Sedgwick	5,215	1,390	980	12	426	4	83	26	522
Summit	1,744	668	520	8	115	1	-	0.1	66
Teller	B.450	2.007	1,550	25	687	5	85	35	368
Washington	8,268	2,206	1.420	27	337	1.2	-	28	253
Weld	64,941	16,568	12,050	186	3.781	38	637	2246	5.602
Yuma	12,428	3,278	2,200	31	723	45	123	63	875
TOTAL STATE	1,123,296	314,952	251,900	1.117	\$88,311	658	\$19,867	3,911	898,111

<sup>\*</sup>Data unavailable. †Filling Station Sales only.

CON		ECI			T	Popul Famil Radio			1,709,242 446,717 410,790
Fairfield	422,003	108,998	100,300	2.115	851,104	228	\$0,630	831	£35,512
Hartford	449.653	116,304	107,100	1 963	50.383	226	7.437	865	32,368
Litchfield	86.711	23.189	21.350	373	9.497	53	1,433	247	6,310
Middlesev	55,595	14,070	12,950	226	5.699	26	857	180	4,415
New Haven	483.328	127,562	117.500	2,746	52.817	288	5,939	1 031	34,870
New London	124.870	32,917	30,200	599	13.577	49	1,356	361	9,160
Tolland	31,806	8.489	7,680	123	2,195	6	145	121	1,823
Wittliam	56,146	15,188	13,710	261	5.276	20	440	192	4.269
TOTAL STATE	1,709,242	446,717	110,790	8,105	\$190,518	896	826,213	3,828	\$128,729

DEL		<b>7</b> 🙈	RE	P F R	opulation amilies adio Ho			 	266,505 70,572 60,700
Kent	34,356 177,923 52,324 266,505	9,872 45,947 14,953 70,572	7,800 40,800 12,100 60,700	$\frac{1039}{209}$ $\frac{1,544}{1,544}$	\$2,854 20,469 3,700 \$27,023	15 27 29 121	\$263 2,478 452 	160 344 255 759	$\frac{\$3.608}{16,361} \\ \underline{4,426} \\ \underline{821.395}$

DIST.		Population Families	663,091 171,023
ا الا الا العالما العالم		Radio Homes	155,800

DISTRICT OF COLUMBIA ... 663,091 171,023 155,800 2,356 \$88,062 328 \$21,362 610 \$64,013

FLOI			Famili	ation ies Homes			1	,897,414 519,436 354,980	
Alachua	38.332	10.153	5,920	178	82.837	20	84:31	138	\$3,396
Baker	6.519	1.503	790	23	118	1	9	17	÷88
Bay	20,603	5,452	8,290	104	1.340	51	206	16 <b>4</b>	1.230
Bradford	8,670	2.109	1,070	40	407	3	58	33	389
Brevard	16.036	4.895	2.940	113	1.463	10	250	110	1.669
Broward	39,432	11.628	8 000	216	3.522	24	917	107	3.728
Caihoun	8.223	1,9038	1.030	19	202	:3	13	17	242
Charlotte	3.642	1.121	650	22	341	:3	43	15	255
Citrus	5.844	1.697	940	25	374	.5	86	24	†220
Clay	6.463	1.788	9711	-514	304	-j	46	26	255
Collier	5.081	1,701	1,000	26	346	.3	23	21	†12 <b>2</b>
Columbia	16,731	4.190	2.350	51	051	7	165	69	1,192
Dade	266.164	75.954	61.100	1.112	26.159	181	8.412	667	27,933
DeSoto	7.755	2.187	1.370	24	501	4	93	33	ŏ88

County	Popula- tion	Families	Radio Homes	Store:	FOOD 8 Sales	DR Stores	ttG Sales	AUTO Stores	MOTIVE Sales
	7.007	1.877	1.080	26	247	2	*	14	†153
Dixie Duval	210,680	55,128	44,100	799	16.604	103	4.010	395	18,911
	74.314	18,631	12,410	305	4.435	19	757	107	4.654
	3,004	941	520	16	128	1.7	1.01	23	1126
Flagler	5.982	1.598	950	34	316	4	71	10	186
Franklin	31,372	6,502	2.960	9.2	941	12	192	54	1.709
Gadsden	4,235	1.033	500	.,,	76	í	117.	10	162
Gilchrist	2717	526	430	6	81	1		5	134
Glades	6.926	1,769	1.010	28	246	5	65	13	159
Gulf		2.409	1.230	31	401	.,	4.8	26	÷121
Hamilton	9.774 $10.148$	2.704	1,480	29	503	ti	106	55	598
Hardee	5,191	1.719	930	19	249	3	54	13	421
Hendry	5.639	1.595	840	17	361	.; +	79	31	559
Hernando	9.181	2.504	1,680	46	667	6	150	38	919
Highlands		19.692	36.180	827	11.288	92	2,456	530	14.076
Hillsborough	179,209	3.445	1.640	34	153	3	58	25	147
Holmes	15.400 8.827	2.513	1.400	10-4	534	5	134	15	600
Indian River		8,110	4.000	63	519	10	174	GS	1,466
Jackson	34.412		1.460	38	250	4	30	32	397
Jefferson	12 068	2.865	520	15	124	9	•111	8	†33
Lafavette	4.425	1.037	4.800	123	1.940	18	372	118	2 326
Lake	27.141	8,001				13	293	35	1.875
Lee	17.530	4 899	3.320	$\frac{69}{119}$	1,367	11	470	62	$\frac{1.673}{2.651}$
Leon	31.662	8,276	4,920		1.617		59	51	635
Levy	12 462	3.331	1.780	50	371	5 1	50 *		38
Liberty	3,750	943	510	15	35 442	8	96	39	681
Madison	16.210	3,936	1,930	54		14	370	7.7	1.709
Manatee	26.181	7,346	4,660	108	1,834		383	106	2.151
Marion	31,193	8.435	4.710	108	$\frac{1.462}{641}$	$\frac{11}{3}$	07	33	309
Martin	63, 24445	1.983	1,140	319	807		110	::7	509
Monroe	13 892	3.978	2.770	68 54	444	4	58	39	501
Nassau	10.865	2,673	1,560	62	400	± .	70	28	605
Okaloosa	12.876	3,024	1.550	16	195	2		16	†187
Okeedrober	2,995	824	460	318	5,681	+1	1.396	249	9.027
Orange	69,776	20,364	14,620	314	550	4	98	46	574
Osceola	10,109	3.199	$\frac{1.890}{17.800}$	128	8.195	60	1,618	234	7 950
Palm Beach	79,091	23 733		58	1564	8	116	60	673
Pasco	13.978	4.239	2,300		8.358	48	4.023	272	8,381
Pinellas	88,208	28 554	22,700	126	6.784	47	1.170	330	8,453
Polk	87.421	24.159	15,500	374	1.071	11	1.170	79	1,285
Putnan	18,625	5.358	3.160	78 104	1.554	1 +	207	7.2	1,591
St. Johns	19.876	5.616	3,920			1 *	189	40	1.685
St. Lucie	11.717	3 267	2,020	56 64	$\frac{1.049}{369}$	3	43	37	450
Santa Rosa	16,049	4 071	2.120	87	1.936	8	316	74	1.940
Sarasota	15.899	1.709	3,300		1.586	13	191	73	1.412
Seminole	99,996	6,233	3,950	131		1.3	79	35	†246
Sumter	11,031	2 954	1.560	35	391	6	128	39	680
Suwannee	17.083	4,106	2.080	7.3	506	4	1.27	35	618
Taylor	11.567	3 1 29	1,770	42	557 147	3	:29	15	†83
trinon	7,069	1.240	630 11.320	280	4.627	39	1,102	994	5.099
Volusia	53.113	16 052		28	175	2	1.1.	17	86
Wakulla	5.455	1,357	130 1.780	54	410	4	78	32	562
Walten	11.173	3.313	1.780	31	227	4	55	26	304
Washington	12,277	2.911	1 160				—		
TOTAL STATE.	1,897,114	519.136	351,980	8,081	8132.976	1,002	832,712	5.194	\$153,487

<sup>\*</sup>Data unavailable. (Filling Station Sales only.

GEO	RC		Popula Famili Radio					3,123,723 750,633 396,240	
Appling	14.481	3.039	1.290	3.2	8882	23	890	602	8470
Atkinson	7.093	1,591	720	213	145	3	.1:2	14	88
Bacon	8.143	1.785	730	27	363	4	4.5	36	<b>#162</b>
Baker	7.334	1.654	610	19	43	1	•	65	45
Baldwin	21,232	3.995	2.100	89	824	õ	159	28	838
Banks	8.719	1.927	680	27	56		-	Ω	33
Barrow	13.065	3,256	1.450	52	490	4	90	37	314
Bartow	25.232	5,837	2.710	70	805	8	121	46	1.089
Ben Hill	14.518	3.507	1.890	62	784	4	140	3.3	1,113
Berrien	15,345	3.487	1.390	39	564	5	78	51	471
Bibb	83.791	23.192	15.260	402	6.305	36	966	135	5,786
Bleckley	9.661	2,373	950	32	337	5	41	16	†98
Brantley	8.869	1,456	650	31	158	2	•	7	†45

	Popula-		Radio	F	00D	DR	r G		IOTIVE
County	tion	Families	Homes	Stores	Sales	Stores	Sales	Stores.	Sales
Brooks	20,489	4.6633	1 960	57	580	5	85	34	506
Bryan .	6,280 $26,002$	$\frac{1.433}{5.927}$	$\frac{670}{2.490}$	211	150 850	": 1 1	162	37 67	$^{\dagger 117}_{1,204}$
Bulloch Burke	26,433	0.878	2,380	136	783	т i	7.1	33	581
Butts	9,192	2,280	960	373	312	3	4.8	28	383
Calhorn	13.501	2.593	1,030	47	211	7	53	21	191
Camben	5 909	1.449	710	29	989 979	2		26	1164
Camiller	$\frac{9.102}{34.161}$	9,019 8 <b>4</b> 00	800 3,470	29 108	936	10	GG 159	18 65	396; 1,096
Carroll	10,820	2,592	1.140	40	296	î	14	3:2	†192
Charlton	5,259	1.207	580	21	96	:0	o	16	7112
Chatham	116.803	31.204	22.450 270	745	9,659	52	1.162	194	7,764
Chattahoockee	$\frac{15.101}{18.522}$	556 4,208	1,900	- 6 38	34 538	-5	5)1	.5 25	459 30
Cherokee	20.155	4.654	2,010	69	387	5	13.4	34	469
Clarke	28.384	1.401	4.590	139	2.4.21	1 I	461	50	2,764
Clay	6,841	$rac{1.692}{2.781}$	$\frac{670}{1.160}$	32 40	210 220	÷.	29	19 34	†92 †139
Clayton Clinch	$\frac{11.654}{6.437}$	1578	800	34	****5	.5	21	15	†68
Cabb	38,250	8,994	4,880	127	1,389	1 Î	305	101	1.534
Collec ,	21.502	U883	2.110	59	773	1::	193	4.7	755
Column	$\frac{31.697}{9.122}$	$\frac{7.426}{2.174}$	3.420 820	$\frac{126}{39}$	1,16 <b>1</b> 157	11	258 7	Մ4 Ծ	990 †32
Columbia Cook	11.883	2,763	1.180	30	366	., 5	Gΰ	43	481
Lowett	27,053	0.640	3,180	105	1,043	9	163	55	977
Crawford	7.128	1,558	550	38	174	1	*	14	68
Crisp	12.515	1,420 1,228	2.170	76 21	768	8	142	4.5	$\frac{1,401}{45}$
Dade	$\frac{5.881}{4.419}$	965	520 320	31	$\frac{194}{24}$	_1		7 7	26
Degitor	22.190	5,160	2,520	84	838	7	115	30	889
De Kalb	86,827	22.717	16,900	207	4.165	36	1.052	158	3,650
Hodge	21.017	4.772 3,942	1,970 1,530	49 83	$\frac{610}{385}$	5 6	127 69	35 30	$\frac{515}{326}$
Dougherty	16,883 98,591	5.94. 7.410	4,520	118	1,833	9	384	5.5	2.413
Douglas	10,018	2,320	930	44	310	3	5A	ĭŸ	373
Parly	18,696	4.369	1,690	56	450	5	78	34	370
Echols	2.964	768	360 Loao	19 31	$\frac{67}{136}$	-3	491	3 34	299
Effingliant Elbert	$\frac{9.640}{19.672}$	4,70 <del>4</del>	2,120	95	720	5	118	51	587
Emanuel	23,502	5,591	2.210	114	810	9	92	80	1,094
Evans	7 390	1.749	760	35	303	<b>3</b> 3	65	19	367
Fanun	14,751 8,171	3,107 1,8 <del>4</del> 4	1,3 <b>4</b> 0 690	36 30	928 162	• • • • • • • • • • • • • • • • • • • •	*	28 11	92 †78
Fayette	56.018	13,756	7.760	190	2,840	เอ้	513	110	3.166
Forsyth	11,319	2,566	880	39	9.1	1	*	11	÷52
Franklin	15.623	3,443	1.320	80	488	G	60	28	174
Fulton	8,995	$\frac{103,261}{1,951}$	76.930 720	1.549 30	30,933 121	41.3 41.3	7.585	$\frac{695}{12}$	31.886 †66
Gilmer	4.554	999	380	1.4	53		_	11	÷53
Glynn	21.819	5.678	3.610	129	1.624	1.;	341	56	1,780
Gordon	18.440 $19.640$	$\frac{4,360}{4.523}$	1,770 1,950	59 55	460 22. <del>1</del>	5 5	100 96	35 21	718 958
Greene	13,701	3,246	1 390	26	324	ĕ	95	23	÷132
Gwinnett	29,082	6,278	2.810	77	455	8	95	88	787
Haberston	14.783	3,389 8,094	$026.1 \\ 000.6$	$\frac{55}{153}$	$\frac{469}{1.597}$	4 8	241	51 83	$\frac{605}{2,132}$
Hall Hangock	34.842 $12.763$	2,743	1,230	75	350	5	~- <del>*</del> *	7	168
Haral-on	14.402	3,486	1,410	34	321	G	89	21	433
Harris	11.434	2.615	1.070	35	113	2	*	16	÷77
Hart	15,446 8,531	$\frac{3,453}{1,896}$	$\frac{1,260}{650}$	$\frac{31}{17}$	256 78	2	è	96 5	198
Heard	15 111	3.452	1,330	4.9	342	4	48	44	346
Houston	11,313	2.654	1,030	4.5	375	-0		23	†:280
Irwin	12,930	2.772	1,580	40 61	$\frac{455}{544}$	6	* 78	49 12	†120 591
Jackson	20,091 8,762	4,636 2,165	$\frac{1.930}{920}$	39	199	5	42	16	221
Jasper Jeff Davis	8,833	1,901	810	.3.3	303	.5	*	23	799
Jelferson	19.234	-1,646	1.860	63	419	G	78	49	771
Jenkins	11.839	2,893	1.180	53 56	$\frac{411}{411}$	3 5	57 57	20 22	344 344
Johnson	12,955 8,882	3,040 1.944	$\frac{1.170}{740}$	17	(64		<del>-</del>	10	33
Lamor	10,020	1.486	1,190	350	515	::	65	23	¥178
Lamer	5,632	1.221	150	15	57	<b>:</b>	1 # P	17	101
Laurens .	33.715	$\frac{7.853}{2.011}$	3 3n0 760	146 19	1,177 61	;) ]	157	67 10	1,277 †86
Lee Liberty	7,538 8,572	1,952	820	40	151	->	*	29	÷185
Lincoln	7,037	1,159	530	28	188	::	14	8	÷49
Long	4.061	918	400	17	80	2	¥		÷39
Lowings	31.854	7 610 1.408	4 180 540	139 10	1,668 90	16	351	75 11	2,021 †60
Lumpkin McDuthe	6,215 $10.787$	2,692	1.050	39	392	1	5::	18	1208
McIntosh	5 283	1.34731	730	37	258	:3	2.8	2.1	227
Macon	15.937	3.827	1,570	38	387	5	78	19	†121 261
Madison	13,408 6,896	$\frac{3.073}{1.590}$	1 1 (a) 510	39 22	$\frac{101}{113}$	1 • <u>•</u>		31 7	†45
Meriwether	22,053	5,194	2 290	123	657	$\bar{\tau}$	<b>ប</b> 7	28	388

'ounty	Popula- tion	Families	Radio Homes		00D Sales	DR			IOTIVE
				Stores		Stores	Sales	Stores	Sales
Miller	10.000	2.174	800	40	262	3	43	15	18
Mitchell	23,671	5,271	2.170	114	684	11	88	33	636
Monroe	10,835	2,501	1,070	18	427	::	87	17	413
Montgomery	9,668	2.054	840	30	137	5	28	1.5	†70
Morgan	12.531	3.046	1.240	263	271	+	59	24	31
Murray	11.142	2.358	870	13	76	*3		-21	.7.3
Muscogee	75.183	19,478	13.050	364	5,707	.: 1	9:20	1146	5,278
Sewton	18.590	4,498	2.080	61	611	G	111	51	758
)conec	7,570	1,770	650	33	128	1	+	::	
Oglethorpe	1".44"	2,745	1.050	40	173	.,	×	11	21
Paulding,	12,840	2.800	1,030	31	231	'2	*	7.5	260
cach	10.375	2.561	1.290	4.5	300	5	7.5	18	671
Piekens	9,169	2,069	910	19	50	3	47	13	27:
Pierce	11,794	2,582	1.080	43	577	5	87	27	÷13:
Pike	10.366	2.330	880	4.3	210	4	19	15	†69
'alk	28.466	6.469	3,420	87	1.275	8	199	34	1.08-
Pulaski	9.822	2.491	1,020	37	±04	4	72	141	45
utnam	8,514	1 931	820	36	268	:3	66	• • • • • • • • • • • • • • • • • • • •	420
aitman	3.433	740	280	10	42	1	*	93	5
tabun	7.821	1.710	720	28	178	-3	39	1.8	÷10:
tandolph	16.473	3,931	1.680	79	551	5	7.5	2.1	56
Richmond	81.851	21.035	14.050	408	5.494	26	2017	130	1.82
Rockdale	7 696	1.831	760	35	308	11	67	17	17.
schley	5,031	1.127	420	17	100	ë	`` <b>*</b>	1:2	386
Sereven	20,343	4.549	1,760	92	515	Ğ	68	23	47
seminole	8.483	1.903	750	34	312	3	7.2	15	20
Spalding	28,380	7.117	3.860	117	1.877	9	, ,	59	2.03
tephens	12.972	2.971	1.430	35	478		+	34	693
Stewart	10,596	2.394	1.080	49	360	4	34	1:2	34
sumter	24,608	6.301	2,980	97	1.242	12	189	61	1.05
	8.147	1.839	770	32	106	4	.20	18	÷7.
Falbot	6.278	1.360	530	23	133	i	- 7	-6	6
	16,220	3,431	1,410	51	570	÷	87	35	533
	10.774	2.466	990	39	302	:3	38	22	+17
	15 145	3.431	1.470	58	388	10	100	44	580
		4.113	1,800	71	590	177	76	24	-10
	16.646		3.970	131	1.348	15	317	85	1,39
l'homa-	31,179	7.776	2.170	93	1.053	10	182	69	1,239
rift	18.287	4,533		64	683	6	17.5	11	67
l'oombs	16,912	3.736	1.700		1183			16	÷:
Powns	1.929	1,049	380			1	.,		
Preutlen	7.631	1.622	630	26	141	.:		. 8	†49
Froup	43,896	10,597	5.520	188	2,980	16	419	9.0	2.94
Purper	10.811	1.960	810	4.5	353	4	56	27	411
rwiggs .	9.117	1.989	760	27	149	2		1.2	† 7 °
Inton	7.822	1 739	580	4.7	86	1	_		†4·
pson .	25,078	5,863	2,940	4.1	1,250	7	.2.2	44	1.1.2
Valker	31.097	7.307	3.540	130	1.478	8	218	48	86
Valton	20.807	4 949	2.080	52	653		100	41	64
Vare	27,903	6.709	4.180	130	1.678	1:1	388	87	2,54
Varren	10,717	2.394	0.50	31	218	33	6.5	14	5.5
Vashington	24,222	5.705	2 340	:1-1	642	×	125	28	51
Vayne	13,124	2,984	1,160	ŏ5	429	5	74	25	40
Webster	4.720	1.023	380	16	ស	1		. 5	2
Vheeler	8,531	1.820	710	30	204	• • • • • • • • • • • • • • • • • • • •	*	10	. 5
White	6.362	1.391	530	34	86	1	*	. 5	+0
Vhitfield	26,114	6,055	3 040	99	1 549	7	230	7:3	1.54
Vilcox	12,753	2,878	1.100	41	275	7	51	19	166
Wilkes .	15,085	3,608	1,540	7.5	40%	.5	:	1 👀	10
Wilkinson	11.230	2.656	1 140	65	120	1	34	] (1	24
			1.900	63:3	499	::	.27	.2.5	3343
North	21 117	4.875	1 .: 10.67	• > . >	4:1:	-,	- 1	• •	.,

<sup>&</sup>quot;Data unavailable.  $- \dagger {\rm Filling~Station~Sales~only}.$ 

IDAHO					524,873 140,742 111,880				
Ada Adams Bannock Bear Lake Benewah Bingham	50.105 3.404 34.450 7,904 7,322 21,016	14 359 971 8,456 1,962 2,113 4,700	12.100 720 7,150 1,490 1,640 3,600	139 13 113 30 21 50	\$4,394 84 2,987 501 518 1,159	16 1 12 1 3	520 74 45 157	133 17 106 25 15 56	\$6,460 124 3,132 608 222 1,344

County	Popula- tion	Families	Radio		roon ,	DR			MOTIVE
			Homes	Stores		Stores	Sales	Stores	Sales
Blaine	5,282	1,442	1,100	12	216	.5	66	28	597
Boise	2,333	750	570	12	141	—		10	172
Bonner	15.64?	4,628	3.650	19	994	45	81	4.5	887
Bonneville	25.718	6,319	5.190	7:3	2.204	G	282	57	3.322
Boundary	5.897	1,655	1.280	20	519	9	•	24	445
Butte	1,862	50 <del>4</del>	4(H)	7	108	1	*	9	122
Camas	1,361	369	270	5	101	1	•	ն	167
Canyon	40.833	11.355	9.100	<b>51</b> K	2.471	14	496	124	3,813
Caribou	2.269	656	490	1.5	133	• • • • • • • • • • • • • • • • • • • •	•	Ð	÷98
Cassia	14,556	3.493	2.680	-10	884	.5	101	51	1,191
Clark	1.004	275	500	8	65	_	_	4	122
Clearwater	8.235	2.247	1.730	17	433	6i	91	17	474
Custer	3.535	1.007	770	13	201	:3	11	18	÷116
Elmore	5.471	1.554	1,220	11	200	•;	*	35	578
Franklin	10.233	2,354	1.880	18	496	:}	68	36	712
Fremont	10.274	2.449	1,900	33	628	4	100	43	666
Gem	9.532	2.607	2.050	17	559	:3	75	34	1.079
Gooding	9.217	2,417	1,800	16	+35	4	81	38	1.044
Idaho	12,642	3,525	2.650	35	773	G	72	42	967
Jefferson	10.657	2.513	1,980	15	398	1	82	28	444
Jerome	9.877	2,499	1,860	15	620	5	95	39	1.007
Kootenai	22,225	6.727	5.400	71	1 171	10	214	7.9	1.418
Latah	18.785	5.383	4.230	50	1.343	11	266	54	1,313
Lembi	6,497	1.891	1,430	19	599	.,		25	516
Lewis,	4,643	1.327	1,000	17	392	5	62	20	339
Lincoln	4,232	1,116	840	10	225	.,	•	14	287
Madison	9,176	2.081	1.650	17	130	3	96	31	719
Mimdoka	9,846	2.544	1.900	-2:3	550	5	110	34	761
Nez Perce	18.841	5,670	4,700	79	1.819	7	262	66	2.764
Oneida	5.302	1.283	1.020	14	254	- 1	*	18	309
Owyhee	5.636	1.526	1.120	16	270	ů.	÷	1,0	177
Payette	9,500	2,687	2,110	25	684	1	68	35	893
Pawer	4.003	1,038	780	<sub>0</sub>	191	I	•	20	161
Shoshone	21.176	6.065	5.030	63	2.519	;)	455	54	1,944
Teton	3.598	813	610	11	9.9	4	5∺	17	186
Twin Falls	36,500	9.042	7,900	0.5	5 651	12	457	114	4.197
Valley	3,988	1,168	900	14	387	• • •	4	.,,,,	397
Washington	8,861	2.302	1,810	50	648	.5	69	35	804
TOTAL STATE	524,873	140,742	111,880	1,111	\$37,055	211	\$5,671	1.697	\$17.310

<sup>\*</sup>Data unavailable. Filling Station sales only.

		Populi Famil Radio		-	1,985,710				
Adams	65 303	18.633	16.320	252	84.270	25	8698	158	\$3,647
Alexander	45,866	7.232	6,220	90	1.187	14	204	4.3	1.366
Bond	14.533	4.328	3.580	44	771	.5	56	19	1.091
Boone	15,197	4.374	3,750	43	1.301	15	80	53	1,188
Brown	8,055	2,466	1,950	.2.2	349	ŀ	45	35	356
Burcan	37.578	10.685	8,870	168	1,946	19	540	162	2.586
Calhoun	8.212	2.154	1,690	.50	215	.:	*	19	372
Carroll	17.094	5.312	4.450	74	1,257	9	98	71	1.009
Cass	16,410	4,728	3,990	7.1	1.216	ĩ	135	65	980
Champaign	70.271	19.511	17,100	218	5,964	39	1,262	203	6.242
Christian	38,483	11,028	9,200	134	2,806	1.9	359	138	2,931
Clark	18,835	5,555	4,430	58	187	- 8	96	93	1.230
Clay	18,958	5,392	1.320	49	797		117	58	0.3.5
Clinton	22,916	5,901	4.820	114	821	6	57	150	795
('oles	38,513	11.232	9,730	164	2.504	13	366	118	3.812
('ook		1.121.319	1,051.800	19.860	331.129	2.160	71,339	4.050	227,620
Frawford	21.256	6.303	5,150	84	1,083	9	110	80	1.312
Cumberland	11.679	3.290	2,590	;1	419	4	49	31	332
De Kalh	34.352	9,881	8,390	151	2.928	18	377	115	3.600
De Witt	18.252	5,261	4,390	69	1.345	7	165	68	1.411
Douglas	17.566	5.072	4,200	55	1.123	×	96	77	1,152
Du Page	102,779	27.429	25,200	326	9.842	41	1.392	247	8.416
Edgar	24,399	7,202	6,120	88	1.471	TO	218	98	2,020
Edwards	8,962	2,724	2,200	26	208	:3	26	36	582
Effingham	22,015	5.838	4.730	67	1.083	8	144	112	2.065
Fayette	29 092	7,815	6.220	86	1.450	10	256	98	2,244
Ford	14,975	4,335	3,560	4.8	100	()	144	68	1.428
Franklin	51.507	14.970	12.710	248	3,326	16	274	139	2,445
Fulton	44 644	13,186	10,970	156	2.75%	19	355	157	2.925
Gallatin	11,406	3,155	2.520	30	293	- ti	35	34	401
Groone	20.291	5,746	4.700	733	1.167	+5	115	49	877
Grundy	18 393	5.125	4.280	79	1,234	8	200	71	1.003
Hamilton	13.447	3.785	2.940	36	283	5	61	38	335
Hancock	26,278	8.088	6,500	100	1,277	12	151	110	1,368

County	Popula- tion	Families	Radio Homes	Stor	FOOD es Sales	Stor	DRUG es Sales	AUTO Stores	MOTIVE Sales
Hardin	7.673	2.035	1.630	39	279	4	3:2	14	118
Henderson	5.954	2.594	2.060	26	282	4	24	28	226
Henry	43,670	12,756	10,990	1+1	2,952	17	382	162	3,442
Irognois	32 469	9.464	7.610	107	1,842	17	219	137	2,246
Jackson	37,868	10,793	9.070	144	2,201	1+	250	137	3.115
Jasher	13 421	3,973	3,060	28	369	4	28	40	553
Jefferson	31,333	10,132	8 360	122	1 606	11	254	116	2,675
Jersey	13,625	3.941	3,240	56	728	- 5	104	29	685
Jo Davass	20.008	5,995	4.940	74	1 130	10	125	62	795
Johnson	10,646	3.021	2 370	:3:3	214	- 12	1	30	330
Kane	129,022	35,163	32,150	496	13,191	47	1,758	332	11.904
Kankakee	60.827	14,838	12 900	180	4.001	10	743	192	5,521
Kendall	11.069	3.289	2,650	26	585	5	66	34	560
Knox	52,065	16,279	14,290	211	3,575	18	477	172	4.286
	124,725	34.076	31,250	403	12,528	48	1,864	324	11.191
Lake La Salle	97,702	27.082	23,900	401	7.860	38	1,108	313	6.948
Lawrence	21,114	5,969	4.940	89	1.192	42	143	79	1,624
Lee	34.584	8,747	7,350	98	2,320	- 11	278	102	2.102
Lavingston	38.864	10 191	8,400	117	2,235	15	284	140	2.601
Logan	29.382	7.328	6.160	113	1,566	13	214	105	863
	26.972	8.446	7,100	94	1,676	15	214	116	2.184
	37.189	12,810	10.860	160	3,403	25	428	139	3,339
	73.897	71.587	18,700	286	5,995	3.0	869	245	
	84,683	24,859	18,700	331	5,995 7,220	30	1,087	257	5,901 8,762
Macon Macoupin	46 255	14,359	11,990	170	3,013	20	260	150	2.247
	148 917								
Madison		41,567	35,400	631	11,773	55	1,358	378	11,883
Marion	17.918	14.011	11,560	176	3,672	116	666	164	5,207
Marshall	$\frac{13.162}{15.301}$	3,899 5,232	3,180	46	790	8	81 121	53	927
Mason		1.328	4,320	49	905	-		71	896
Massac	14.925		3,560		590	5	115	50	726
Menard	10.667	3 168	2.570	41	523	+5	67	36	762
Mercer	17,653	5,371	1,330	61	763		7.5	65	963
Monroe	12.746	3.591 10.385	2.890	51	621	4	277	32	810
Montgomery	31 146	9.720	8,590	116	2.016	16			2,669
Morgan	36.311 13.466	3.910	8,250 3,130	127	3,111 608	10	375	95 46	3,292
Moultrie						.5 14	55		664
Ogle	29.858	9 026	7,490 39,700	90 597	2,053	14 66	279	121	2,027
Peoria	152,925	6.719	5 600	86	14.801	13	2,314	318	14,036
Perry	23 427	4.261	••	11	1.361		191	20	1 485
Piatt	14.632		3,420		818	9		55	651
Pike	25,346	7.411	5,950	97	1.253	9	118	94	1.344
Pope	7.994	2,256	1,750	39	245	1		16	198
Pulaski	15.886	4,268	3.440	51	439	5	57	4.	265
Putnam	5 284 33 356	$\frac{1.516}{8,261}$	1 210	19	241	1			† L(R)
Randolph			; 810	56	1,624	11	$\frac{153}{136}$	63	1,302
Richland	17.109	1,961	1,090	465	861	.5 44			1.171
Rock Island	113,170	31,789	28 900		9,359	36	1,319	257	8.526
St. Clan	165,915	46,979	42.100 8.880	726 132	11,747	86 16	$\frac{1.661}{316}$	374	10,923
Saline	37.438	10,674			1.935			109	2,214
Sanzamore .	117 754	33,186	29,650	444	9,713	17	1 967	299	9.600
Schuyler	11 431	3,215 2,372	2.590	49	568	4	10	40	557
Scott	8 163		1,910		413	12	100	51	7120
Shelby	26.257	7.696	6.140	87 31	1,079	110			1.219
Stark	128.8	2.562	2.060		496	15	65	41	453
Stephenson	40,608	11,659	10,090	149	3 378		487	111	2,855
Tazewell	28.344	16,250	14.090	-2:3:1	4,040	17	4:01	180	3,322
Union	21.708	4,987	4.030	37	928		130	60	1,160
Vermilion	86,655	24.586	21,400	327	6.474	:3:3	1,096	., 8.3	5,855
Wabash	13 706	3.934	3,310	60	952	5	87	41	1,099
Warren	21 279	6 259	5.230	7.2	1,499	9	218	88	1.811
Washington	15 803	4,493	3,580	45	511	6	50	5.5	682
Wayn <sub>e</sub>	22 149	6,117	4.790	54	608	5	\$265	65	1.410
White	19 899	5 668	4,500	6.3	924	. 5	95	78	1,300
Whiteside	13,342	12,318	10,600	150	3,209	17	497	1.4 12	2,911
Will	112.995	28,883	25 450	437	8,626	41	1.256	.178	6,304
Williamsor	51.614	14,799	12 120	181	2.782	19	315	129	2,742
Winnebago	121 000	34 804	81,500	4×4	10,920	4 ! +	1,626	313	10,334
Woodford	18 969	5 252	1 330	22	1,121	10	114	74	1,716
-									
TOTAL STATE	7,897,211	2,189,223	1.985,710	33,903	8601,021	3,693	\$109,291	15,599	<b>\$501.186</b>

<sup>\*</sup>Data unavailable. Filling Station Sales only.

### INDIANA

Population
Families
Radio Homes

3,427,796 959,563 840,280

					110111				040,200
0 1	Popula-		Radio		COOD	D	RUG	AUTON	IOTIVE
County	tion	Familles	Homes	Store	s Sales	Stores	Sales	Stores	Sales
Adams	21,232	5,451	4.530	62	<b>\$904</b>	7	\$146	77	\$1,641
Allen Bartholomew	154,833 28,266	$42,269 \\ 8,120$	38,400	713	12,796	80	2.387	416	13.387
Benton	11.262	3,070	6,840 2,550	$\begin{array}{c} 119 \\ 34 \end{array}$	1.987	8	250	100	3,136
Blackford	13.758	8,981	3,330	54	653 876	Ω G	112 181	52 49	1,042
Boone	22,016	0.632	5,510	64	1.236	10	227	86	$870 \\ 1,507$
Brown	6.187	1,617	1.310	:29	218	1	*	14	743
Carroll	14,730	4,583	3,940	50	663	6	) 1 (J	15()	1,108
Cass	38,393 31,020	$10.834 \\ 8.544$	9.2 <u>40</u> 7.300	134	2.070	16	-191	125	2,463
Clay	25.167	7.324	5,150	1:(0 94	$\frac{1.470}{1.400}$	11	177	82	1,293
Clinton	28,300	8.231	7.010	96	$\frac{1.409}{1.916}$	$rac{12}{12}$	224 342	80 105	1.470
Crawford	10.160	2,736	2.190	40	225	5	46	26	2,358 223
Daviess	26.100	7,080	5,900	143	1.408	Ř	178	78	1.274
Dearborn Decatur	22.623 <b>17</b> .674	6,441	5,430	80	1.046	9	187	68	1,135
De Kalb	24,709	5,06 <del>4</del> 7,159	4.210 6,210	67 90	957	19	134	68	1,214
Delaware	74,925	21,705	19,300	287	$\frac{1.555}{5,499}$	13 29	$\frac{191}{1.024}$	99	1,972
Dubois	22.543	5,590	4.700	1.5	821	- 9	1114	$\begin{array}{c} \textbf{193} \\ \textbf{66} \end{array}$	5,933 1,422
Elkhart	72,488	20,755	18.400	238	5.209	30	966	246	7,172
Fayette	19.395	5.452	4,760	79	1.347	10	229	43	1,258
Floyd Fountain	$\frac{35.048}{18.302}$	$\frac{10.107}{5.361}$	9,010	189	2.175	13	227	109	2,079
Franklin	14,398	$\frac{3.301}{3.800}$	3.090	62 44	$\frac{1.180}{564}$	11	156	76	1,668
Fulton	15,941	4.621	3,780	58	766	:! 7	$\frac{62}{102}$	39	534
Gibson	30.662	8,512	7,100	124	1.305	13	137	71 104	$\frac{898}{1,702}$
Grant	55,717	15,917	13.800	214	3.705	99	736	168	4.018
Greene	31.293	9,098	7.530	125	1.678	16	228	128	1,602
Hamilton Haneoek	24,585 17,242	7.458	6.190	87	1,315	1.2	235	103	1.523
Harrison	17.101	5,269 <b>4,5</b> 62	$\frac{4.380}{3.640}$	7.0 4.0	980 443	8 3	132	75	1,331
Hendricks	20.152	5,890	4,840	57	882	12	58 1 <b>7</b> 9	51 85	495
Henry	40.162	11,217	9,640	144	2 496	15	435	135	$\frac{1,381}{3,340}$
Howard	47.834	13,663	12,000	185	3,667	17	629	143	3,526
Huntington Jackson	$20.842 \\ 26.610$	8.526	7.290	132	1.865	12	368	105	1,854
Jasper	14,829	7.289 3,806	6,090 3,130	110	1,349	10	171	11:	1,493
Jay	22.487	6.139	5 030	47	$758 \\ 1.117$	- Մ - Տ	99 148	<b>5</b> 9 91	955
Jefferson	19,905	5.314	4,360	79	855	4	170	83	$\frac{1,691}{955}$
Jennings	13.661	3.420	2,780	39	480	5	65	40	743
Johnson	22.448	6,514	5,480	79	1.356	1.5	243	89	1,683
Knox Koscinsko	$\frac{43,865}{29,483}$	$\frac{12.315}{8.037}$	10.690	197	2,682	$^{21}$	434	170	2,939
Lagrange	14.348	3,863	$\frac{7.150}{3.160}$	$\frac{94}{53}$	$\frac{1.384}{646}$	14 5	296 53	107	1,957
Lake	288,283	74.881	69,000	1.341	23,812	98	3.145	58 550	906 20,466
La Porte	63.658	16.696	14.900	232	5.611	17	624	200	4,665
Lawrence	35,556	9,728	8,360	140	1.935	1'?	340	93	1,668
Madison Marion	88,092 456,669	$\frac{95.276}{130.677}$	22,470	332	0.167	3.5	1.187	580	6,019
Marshall	25,950	7.296	$\frac{120.150}{6.110}$	1,855 80	$\frac{38,049}{1,386}$	209 11	11,846 176	901	41.833
Martin	10.278	2.509	2.090	36	349	5	56	$\frac{106}{30}$	2,034 305
Miami	27,810	8.427	7.240	107	1.616	11	218	106	1,667
Monroe	30,348	9,959	8.710	115	2.513	9	453	109	3,293
Montgomery Morgan	27,267 19 7 98	8,253 5,687	6,980	110	1,829	15	323	109	2,182
Newton	10,989	3,022	$\frac{4.710}{2.520}$	65 30	$\frac{1.175}{524}$	12 8	168 138	88	1.450
Noble	22,734	6,599	5,580	78	1,264	11	203	53 99	653 1,634
Ohio	3,764	1.119	910	146	196	1		12	146
Orange	17,190 $12,158$	4.725	3,930	71	1.033	Ü	121	50	778
Parke	17,158	$\frac{3.462}{5.038}$	$\frac{2.840}{4.160}$	36 67	560	(;	62	48	856
Perry	17.765	4,534	3,850	84	897 764	10	$\begin{array}{c} 110 \\ 100 \end{array}$	89	1.096
Piko	17.025	4.762	3.930	94	810	:	72	48 53	625 974
Porter	27.697	7.657	6.640	114	1.851	12	327	128	2,107
Posey	19.164	5.437	4,480	65	802	7	105	61	959
Pulaski . ,	12.057	3.218	2.600	34	418	6	76	52	850
Putnam Randolph	20,860 26,726	5.893 8.083	4,850	60	1.000	. 9	133	106	1,329
Ripley	18,851	5,205	6,720 4,220	99 65	1,86,1 889	13	239	111 72	1,873 1,297
Ru∍h	18 915	5.454	4.530	66	983	á	$\frac{155}{104}$	64	1,239
St. Joseph	161,967	44.038	40.380	662	13.327	65	2,100	391	12,967
Scott	8.071	2.549	2.050	29	396	4	53	<b>34</b>	369
Shelby	25,924	7.806	6,620	99	1.649	9	254	82	1.807
Spencer Starke	16.209 $12.147$	$\frac{4.414}{3,445}$	$\frac{3,680}{2.820}$	45 47	455	6	5B	60	507
Steuben	13,700	4,141	3,830	96	$\frac{748}{931}$	5 8	52 136	59 91	$\frac{1,006}{1,380}$
Sullivan	26.783	7.878	6,910	103	1.160	11	$^{156}_{181}$	104	1.380 $1.195$
Switzerland	8.164	2,450	1.930	24	219	1.5	101	39	218
Tippecanoe	51.218	14,337	12,740	15?	4.556	24	1.211	133	4.427
Tipton	15,106	4,41:	3 660	41	888	7	116	57	881
Union	6,013	1,791	1,460	13	281	4	70	18	408

	Popula-		Radio	1	FOOD	DR	UG	AUTO	MOTIVE
County	tion	Families	Home-	Store	s Sales	Stores	Sales	Stores	Sales
Vanderburg	130,709	36,225	33,360	555	9.776	56	2.454	262	9.987
Vermillion	21,763	6.474	5,760	110	1.398	8	154	84	1.404
Vigo	99.467	30,018	26,690	511	8.643	52	1.511	292	8,038
Wabash	26,568	7,590	6,440	109	1.621	18	291	108	2,269
Warren	9,033	2.528	2,030	28	330	:3	37	32	1172
Warrick	$19,\pm21$	5,433	4,460	91	837	5	6) ]	50	1.069
Washington	17,010	4.684	3,770	46	395	+	72	63	711
Wayne	59,059	16,457	14.510	220	4.142	22.2	802	164	4,547
Wells	19,104	5.535	4,520	54	1,009	£ŝ	134	6 <b>4</b>	1,497
White	17,111	4.883	4,060	52	951	9	193	90	1,285
Whitley	16,934	4.913	4.070	2.5	958	8	158	63	961
TOTAL STATE	3,427,796	959,563	810,280	13,117	8230,975	1,521	\$13,821	10,283	8249,511

IOW	Λ.			Popula				. 2	,538,268
				Famili	es			-	700,173
				Radio	Homes				595,720
Adair	13.179	3.768	2.980	59	com	9	2110	50	<b>2204</b>
Adams	10,150	2,920	2,280	23	\$620 365		8110 72	59	\$864
Allamakee	17,171	4.500	3.640	48	684	-1 6	96	39 72	469
Appanoose	24.258	6.965	5.840	94	1.434	1:3	231	87	$\frac{1,001}{1.562}$
Audubon	11,803	3.225	2,540	46	651	1.3	24	32	685
Benton	22,847	6,139	5.310	88	1.456	12	162	91	1.857
Black Hawk	79,723	22.433	20,200	281	7.126	39	1,305	213	7,755
Boone	29,751	7,906	6,710	102	1,806	14	252	112	2,309
Bremer	17.935	4.938	3.980	47	871	8	140	68	1.552
Buchanan	20,971	5.345	4,360	60	910	12	124	86	1,264
Buena Vista	19.823	5,470	4,500	76	1.363	14	193	95	1,669
Butler	17,972	5,066	4.050	50	839	10	125	74	1,109
Calhoun	17,558	4,856	3.900	59	975	ΙΪ	202	92	1,257
Carroll	22,754	3,705	4.720	58	1,275	1.3	158	81	1,979
Cass	18,566	5,454	4.540	99	1,258	10	186	85	1,908
Cedar	16,876	4.833	3,860	53	889	11	134	75	1,595
Cerro Gordo	43.812	11,687	10.400	146	3,268	18	703	144	4,219
Cherokee	19.261	4.596	3.810	53	1.124	10	184	67	1,350
Chickasaw	15,220	4.111	3,260	49	753	7	90	60	843
Clarke	10.272	3.057	2.480	24	510	4	58	4.5	593
Clay	17,755	4,895	4.050	57	1.067	8	260	79	2,297
Clayton	24,302	6,651	5.340	96	993	13	187	104	1,398
Clinton	44,669	12,456	10,900	224	3,681	19	444	144	3,574
Crawford	20.569	5,364	4.360	66	1.059	13	154	81	1,273
Dallas	24.587	7.164	5.950	79	1.761	15	264	11.5	2,050
Davis	11.123	3,192	2,500	30	422	7	76	35	714
Decatur	13,994	3.883	3,100	46	773	8	97	56	870
Delaware	18,476	4.900	3,980	48	770	9	150	65	1,153
Des Moines	36,768	10.869	9,750	169	3,391	19	631	96	3,231
Dickinson	12.171	3,295	2,650	60	833	7	149	71	1,088
Dubuque	63,704	15.624	14,050	238	4.524	24	509	145	4,694
Emmet	13.330	3.508	2,980	53	909	6	¥.	63	1.160
Fayette	29,134	7,915	6,650	89	1,524	13	234	95	1,999
Floyd	20,255	5.707	4,840	66	1,189	12	197	83	1,408
Franklin	16,203	4.430	3,660	35	831	7	98	72	1.436
Fremont	14.630	4.143	3,280	69	669	10	126	48	666
Greene	16.599	4,724	3,860	46	816	10	140	87	1.286
Grundy	13.514	3.694	2,930	33	597	ĩ	136	61	1,166
Guthrie	17.216	4,891	3,900	75	999	10	126	87	955
Hamilton	19.902	5.371	4,460	55	1.226	13	181	80	1.508
Hancock	15.385	3.960	3,140	11	669	Ω	127	58	1,181
Hardin	22,505	6,295	5,290	81	1,565	14	239	118	2,223
Harrison	22.752	6.140	5,000	55	97:	15	196	9.3	1,524
Henry	17,962	4.830	3.980	52	812	11	133	151	907
Howard	13.536	3.593	2.940	31	659	7	96	48	829
Humboldt	13,447	3.470	2,780	11	657	ĩ	107	70	1.241
1da	11.032	3.011	2.410	38	598	•;	28	48	794
Iowa	17.011	4,679	3.710	53	843		141	50	1.320
Jackson	19,177	5.193	4,250	68	1.164	11	198	70	1,310
Jasper	31.454	8.815	7,430	70	1.575	15	310	111	1.873
Jefferson	15.749	1,543	3,840	60	911	<b>\$</b> }	160	ห้อ	1.080
Johnson	33.190	9.395	8,180	92	2.641	15	513	97	2.877
Jones	19,942	5,138	4,180	50	844	9	119	69	1.286
Keokuk	18,391	5.501	4,410	55	930	13	159	86	1,292
Tosauth	26,640	6,492	5,250	65	1,287	14	233	11 <b>4</b>	2,115
			_	2					

County	Popula- tion	Families	Radio Homes		700D		trg		MOTIVE
	*			Stores		Stores	Sales	Stores	Sales
Lee	41.002	11.374	10.250	175	2.724	3.5	465	109	2,649
Linn	88,928	26.382	23.590	359	6.973	49	2.039	256	8,358
Louisa	11.375	3.288	2.050	34	655	8	81	49	891
Lucas	14.542	4.183	3,480	46	911	8	115	49	†388
Lyon	15.366	3,777	3,000	40	593	7	101	70	763
Madison	14,522	4.215	3.390	56	908	4	127	48	978
Mahaska	26,454 26,828	7.667	6.450	7:2	1.307	10	293	102	1.607
Marion		7.206	6,010		1.655	. 9	181	101	1.754
Marchall	35,333	9.714	8,460	123	2,775	14	343	11"	3.070
Mills	15.057	3,680	2,990	51	714	*	113	54	1.108
Mitchell	$14,110 \\ 18,220$	3,835	3.140	52	781	7	9:)	55	954
Monona		4.816	8,900	48	809	8	114	77	1 328
Monroe	14,542	3,957	3,250	45	760	.5	76	15.1	†330
Mantgomery	15.706	4.613	3,900	42	947	10	164	70	1,449
Musearine	31 281	0,235	8,060	137	2,531	16	285	107	2.505
O'Brien	19,303	5,171	4.270	73	1.159	10	153	96	1.604
Oscenia	10.609	2.698	2.140	26	587	.5	. 66	37	850
Page	24.821	6,651	5,660	0.5	1.548	11	346	87	2.314
Palo Alto	16.142	3,996	3,240	50	869	.9	133	75	1.166
Plymouth	23,477	6.012	4.010	46	1 000	10	181	84	1.533
Pocahontas	16,236	4.199	3,330	43	751	10	179	62	1,158
Polk	195,389	56.432	52,000	811	16.603	117	3.894	521	15.788
Poltawattamie	66,755	18,460	16.250	249	4.692	36	895	214	4.900
Poweshiek	18,747	5,377	4,410	11	1.291	11	189	79	1.505
Ringgold	11,139	3.270	2,580	33	394	. +	73	40	514
Sac	17,635	4.762	3.920	51	818	11	147	89	1.256
Scott	84,660	24.137	21.850	311	8,001	39	1.212	163	7,255
Shelhy	16,717	4,259	3.460	59	729	1.3	140	69	1.181
Sloux	27.211	6.647	5,320	80	1 043	15	100	97	1.597
Story	33.375	8,988	7.760	126	2,868	21	400	135	3.040
Tama	22,410	6,239	5.070	5. <del>4</del>	1 097	1.5	172	80	1,695
Taylor	14.268	4.187	3,330	63	586	10	122	56	644
Union	16,288	4.832	4.140	62	927	10	211	70	1,250
Van Buren	12,039	3.701	2,950	44	504	4	44	52	088
Wapelto	11.217	12,810	11.280	139	3,394	50	644	121	2.798
Warren	17,691	5,061	4,120	93	857		104	111	1.122
Washington	20,028	5.747	$\frac{4.750}{2.330}$	50	976	10	213		1.552
Wayne	13.299	4.015	8,220	14	618	. 0	103	53	669
Webster	41,493	11,377	9,910	148	3.014	1.5	183	126	4.750
Winnehago	13,967	3,550	2,820	55	706	) i	128	58 74	$\frac{1.518}{1.278}$
Winneshiek	92,955	5,806	4.720	63	1.003	- 4.	137		
Woodbury	103.150	28,366	25,500	376	8,529	$\frac{57}{9}$	1.788	315	8,920 619
Worth	11,431	3,068	2,370	35	515		76	43	
Wright	20,086	5.423	4,550		1.220	1.5	215	<del>7</del> 7	1,430
TOTAL STATE	2,538,268	700,173	595,740	8,737	\$163,637	1,327	\$28.873	8.002	\$195,250

<sup>\*</sup>Data unavailable. \*Filling Station Sales only.

KAN		) (A		Popula Famili		-			.801,028 512,090
	4 <b>3</b> 6	‡(અ		Radio	Homes				379,160
Allen	19,837	6.181	1.520	7.1	\$1.028	10	\$130	79	\$1.360
Anderson	11,636	3,396	2,200	30	4++	91	100	61	761
Atchison	22,180	6.310	4.840	79	1.478	1.5	277	7.2	1.358
Barber	9,063	2.568	1.660	31	651	1.1	125	1.1	912
Barton	24.972	6.771	5,050	82	1,980	14	394	9.5	2,5?5
Bourbon	20,889	6,381	4,640	81	1.264	10	225	97	1.306
Brown	17.36:	5.057	3,540	48	904	11	191	80	1,398
Butler	31,985	9.269	6,850	118	2.312	1:	221	1.20	2,852
Chase	6,329	1,836	1.150	20	292	5	45	3.1	269
Chautauqua	9.227	1.685	1.720	29	367	Ð	98	38	722
Cherokee	29,805	8.652	6,410	120	1.670	15	235	125	1,594
Cheyenne	6,219	1.590	920	1.3	232	4	68	33.5	583
('lark	4,060	1.104	690	1.1	215	5	74	2.2	381
Clay	13,271	3,964	2,700	53	870	8	138	6.1	967
Cloud	17,228	5.04 L	3,900	53	1.021	1 '?	500	79	1,315
Coffey	12.250	3.075	2.210	37	788	7	72	51	413
Comanche	4,409	1.245	800	1;	284	+	63	- 33	257
Cowley	38.057	11.074	8,660	2.26	2.687	25	413	153	3.138
Crawford	44,092	13,573	10,320	226	3,179	21	515	181	3.032
Decatur	7.448	2,000	1,200	20	798	.5	49	29	389
Dickinson	22,904	6.634	4.850	94	1.575	1.5	217	119	1.541
Doniphan	12,919	3,700	0,230	55	51.5		69	55	412
Dougla	25,136	7.918	6.160	95	1.960	14	411	91.5	2.420
Edwards	6.368	1.828	1,150	3.3	412	15	83	4.5	406
Elk	8.151	2,473	1.510	23	343	5	57	39	308
Ellis	17.030	3,926	2.760	39	1.063	15	159	61	1.412
Ellsworth	9.852	2.687	1.720	37	13:11 <del>4</del>	7	138	40	498
Finney	10,080	2.714	2,050	23	818	1	118	51	1.728
Ford	17,183	4.558	3.570	66	1.361	1 L	268	89	1,880

County	Popula- tion	Families	Radio Homes	Store	FOOD es Sales	Store	ORUG Sales	AUTO	MOTIVE Sales
Franklin	20,833	6,113	4,400	59	1.358	14	256	88	1,480
Geary	15,151	3.806	3,040	36	962	7	126	40	854
Gove	4.794	1.136	660	1:3	158	3	16	27	::78
Graham	7.058	1,572	900	16	188	4	49	23	219
Grant	1,929 4,766	$\frac{491}{1,194}$	340 710	12	101 215	- <u>·</u>	44	11 25	†81 259
Greeby	1,637	417	260	15	04	1	*	10	7.0
Greenwood	16,488	4,765	3,240	51	964	9	138	89	1,214
Hamilton	2,644	709	450	11	176	1	*	28	†192
Harper	12,043	3,479	2,330	4.4	836	9	172	57	997
marrey	$\frac{21,690}{2,086}$	$\frac{5.982}{541}$	4,630 320	40	$\frac{1.547}{95}$	10	148	87 10	1,702
Haskell Hodgeman	3,520	890	500	* *	76	.,	35	16	140
Jackson	13,357	3,918	2.430	39	648	ŝ	69	56	568
Jefferson	12.700	3,772	2,270	41	483		78	47	342
Jewell	11.939	3 594	2,070	38	485	7	80	4:3	537
Johnson	33,284	9,699	6,800	111	1.608	1.7	224	163	1.681
Kearny Kingman	$\frac{2.519}{12.006}$	$\frac{671}{3,217}$	$\frac{410}{2.110}$	40	90 653	7	97	$\frac{14}{75}$	112
Kiowa	5,095	1.392	860	- 10	170	á	55	34	350
Labette	30.337	8,832	6,600	118	1,907	17	332	115	1,983
Lane	2.811	757	480	- 8	141	• !	•	16	268
Leavenworth	10,060	9,321	7,290	119	1.837	21	400	96	1,916
Lincoln	8,328	2.305	$\frac{1,370}{2.100}$	31	253 467	3	42 93	29 56	325
Linn	$\frac{11,951}{3,686}$	$\frac{3.657}{962}$	3,100	18	216	7	38	27	$\frac{571}{188}$
Logan Lyon	26,366	7,654	5,790	92	1.894	14	382	110	1.921
McPherson	24,662	6.674	4,620	67	1,559	13	337	101	1,807
Marion	18,926	5,202	3 320	50	805	10	119	87	1,403
Marshall	20,963	5.960	3,940	74	1.132	14	227	103	1 205
Meade	5.515	1,111	910	()	311	5 11	72	27	600
Mizani Mitchell	$\frac{19,459}{14,850}$	$\frac{5.411}{3.162}$	$\frac{3.810}{2.130}$	51 38	965 769	9	164 138	86	$\frac{1.261}{1.005}$
Montgomery	19,597	11.650	12,100	195	3.876	25	583	202	3.668
Morris	10,349	2.971	1.940	50	558	7	62	50	566
Marton	2,192	608	100	7	167	::	44	16	155
Nemaha	16.734	4.48"	2,740	45	735	11	156	74	821
Neosho	20,197	6.553	$\frac{4.790}{1.080}$	69	$\frac{1.481}{280}$	9 8	208 57	93 32	$\frac{1,579}{270}$
Ness Norton	$\frac{6,851}{9,813}$	$\frac{1.777}{2.702}$	1,740	30	555	6	99	32	524
Osage	15,103	1,619	2.820	44	734	9	90	73	793
Osborne	9,898	2.855	1,750	312	563	6	98	62	613
Ottawa	9.208	2,772	1,710	25	145	5	2 Ť	46	517
Pawnee Phillips	10,286	2.484	1,740	32	022 578	6 10	82	29 61	453 585
Phillips	$\frac{10.439}{14.011}$	$\frac{3.053}{3.859}$	$\frac{1.820}{2,370}$	412	592 592	10	131	73	1,251
Pottawatomie	12,317	3.472	2,610	30	911	19	158	4.3	1,300
Rawlins	6,616	1,702	1,000	20	269	4	47	30	318
Reno	52,141	14,749	11,590	174	3,854	28	138	198	4.853
Republic	13.119	3.997	2,390	37	568	. 7	98	69	860
Rice	17,193	$\frac{5,003}{6,078}$	3,440 4,670	50 76	$\frac{1,276}{1,660}$	11	$\frac{184}{369}$	77 82	1,420 1,846
Rdey	20,566 8,398	2.354	1,430	58	438	6	63	4.2	507
Rooks	8,280	2,169	1,330	31	400	5	78	39	523
Russell	13,636	3,705	2,340	4:3	843	11	164	70	1,007
Saline	29.186	8 383 986	6,880	114	2,562 205	15	532	120	2,878
Scott	3.764 $143.170$	42.410	37,400	522	11,419	86	2,582	469	13,609
Sedgewick	6.538	1.802	1.410	19	687	3	96	34	813
Shawner	91,009	26,360	22,950	345	7.854	52	1.643	288	7,220
Sheridan	5.310	1.254	710	11	132	:2	•	22	224
Sherman	6,390	1.730	1,260	14	428	:	*	40	741 509
Smith	10.577	$\frac{3.181}{2.922}$	$\frac{1,860}{1,820}$	23	569 668	8	$\frac{98}{120}$	62 42	791
Stafford	$\frac{10,504}{1,441}$	365	220	- 0	83		1.0	, i	160
Stanton	3,193	850	510	8	194	.5		17	191
Summer	26,296	7,560	5,260	80	1.567	18	253	102	1,430
Thomas	6 485	2.176	1/390	15	427	5	120	49	668
Trego	5.821	1.4672	840	20	253	3	49	3:2	288
Wabaunsee	9,215	$\substack{2.601 \\ 601}$	1,540	24	$\frac{348}{106}$	8 1	51	39 13	467 784
Wallace	$\frac{2.434}{15.887}$	4 593	2,700	13	485	10	95	71	612
Washington Wichita	13.88	3 5 5 6 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6	330	· 8	137	i	•	, į	26
Wilson	17 704	5 233	3,670	5.1	1.094	12	153	75	886
Woodson	8,009	2.315	1,430	312	416	4	49	50	308
Wyandotte	144.869	40,617	36,500	1577	10.261	711	1,991	356	9,885
TOTAL STATE	1,801,028	512,090	379,160	6,207	\$115,297	1,076	\$20,998	7,346	\$129,481

# KENTUCKY

 Population
 2,845,627

 Families
 700,892

 Radio Homes
 501,730

6	Popula-		Radio		COOD	DR			OTIVE
County	tion	Families	Homes	Store		Stores	Sales	Stores	Sales
Adair	18,560	4 353	2.580	72	\$303	3	849	21	\$301
Allen	$15,\!488$ $8,\!907$	3,965 $2,404$	$\frac{2.350}{1.480}$	52 34	397 437	2 2	-	29 21	646
Ballard	9,485	2,500	1,600	39	251	$\tilde{6}$	31	21	385 203
Barren	27.399	5,959	$\pm,360$	97	966	9	205	68	1,422
Bath	11.451	2.810	1,690	52	352	3	24	21	226
Bell	$\frac{43.832}{10.819}$	$\frac{9,204}{2.971}$	6.420	172	2,031	H	253	52	1,108
Bourbon	17,925	1.884	1,840 3,360	38 69	$\frac{325}{1,108}$	<u></u>	131	35 28	299
Boyd	45.937	10.927	9,240	216	3,024	16	627	H1	706 2,770
Royle	$17^{\circ}165$	4.555	3,260	68	1.146	6	197	43	1,126
Bracken	9.395	2.553	1.570	40	357	4	44	25	†100
Breathin Breckmridge	$23.944 \\ 17.739$	$\frac{4,628}{4,504}$	2.720 2.740	6·2 96	183	1	- 4.	11	59
Bullitt	9,049	2.443	1.520	27	444 404	5 2	59	26 19	348 265
Butler	14.368	3.387	1,980	89	149	2 2		14	185
Caldwell	14,656	5.634	3.720	54	552	7	115	26	494
Calloway	19,024	5,203	3.210	58	698	. 6	117	47	578
Campbell Carlisle	70,972 7,632	20, <b>09</b> 9 2.060	17,520 1,270	395 18	6,893 258	31	983	87	2,723
Carroll	8,637	2,371	1,500	30	424	4	$\begin{array}{c} 32 \\ 105 \end{array}$	14 24	$\begin{array}{c} \dagger 78 \\ 367 \end{array}$
Carter	15.537	5.281	3.310	119	645	5	30	26	339
Casey	19.957	4,245	2,430	80	170	2	*	18	202
Christian	36.278	9,196	6,140	155	1,437	14	227	80	1.638
Clark Clay	$\frac{17.975}{23.903}$	$\frac{4.959}{4.524}$	3,520 2,620	79 73	1,042	6 2	176	+66	1.055
Clinton	10,270	2,284	1.340	, ., 5	237 12	3	34	13 9	÷66 94
Crittenden	12,099	3,191	1,960	37	+07	ä	70	ΙĬ	238
Compertand	11.918	2.610	1.520	34	76	2	4	8	183
Daviess	52.138 $11.411$	13,541	9.590	220	3.080	25	689	98	2,849
Edmonson Elliott	5,714	$\frac{2,301}{1,740}$	1.360 980	40 28	46 00	2	*	13	192
Estill	17,960	3.854	2,540	58	495	- <del>-</del>	98	3 22	51 337
Fayette	78.883	21,115	17,310	201	n,423	28	1,943	118	7.000
Fleming	13,345	3,573	2,170	58	482	3	55	32	346
Floyd	53,002	10.560	6,870	221	1,687	4	71	43	562
Franklin Fulton	$23,283 \\ 15,415$	$\frac{6.060}{4.075}$	$\frac{4.370}{2.740}$	79 91	$\frac{1.949}{1.068}$	6	245	52	1,373
Gallatin	4,29s	1.188	730	13	111	8		$\frac{40}{13}$	860 145
Garrard	11,907	2.904	1.740	44	434	2		25	384
Grant	9.910	2,738	1,660	38	402	3	86	36	534
Graves	31.746	8.782	5.700	127	1.317	g	191	63	1.500
Grayson	$17.532 \\ 12,223$	$\frac{4.332}{3.069}$	2.570 1,780	70 53	243 228	5 2	51	23	269
Greenup	24,915	5.461	3.480	98	767	5	80	42	†119 343
Hancock	6.801	1.780	1,070	29	174	1	•	15	180
Hardin	26.604	6,007	3,790	99	1,127	. 8	156	82	1,781
Harlan	75.258 15.0 <b>7</b> 8	$\substack{15,839 \\ 4.225}$	$\frac{11,100}{2.830}$	187 67	2,658 970	12 5	$\frac{265}{138}$	56 40	2,165
Hart	16.7±5	1.224	2 500	51	415	ð	132	44	793 371
Henderson	20,998	7,431	5.110	91	1,472	11	208	ភ <u>ិ</u> ពី	1,219
Henry	12,232	3.339	2.050	31	432	7	84	27	280
Hickman Hopkins	$\frac{9.138}{37.752}$	$\frac{2.462}{10.292}$	1.500 7,000	22 147	230 1,681	$\frac{3}{12}$	21	13 87	169 2,23 <b>3</b>
Jackson	16,336	3,252	1.870	24	63	2	240	12	7,~54
Jefferson	385,256	108,262	92,150	1.553	32,626	214	7,254	478	25,798
Jessamine	12.182	3.257	2.170	43	<b>572</b>	6	64	31	475
Johnson	26,002 $93,018$	$\frac{5.552}{28.171}$	3,480 22,800	84 521	656	2	1 1 7 0	27	753
Knott	20,088	3.771	2,250	85	$\frac{8.554}{117}$	50 2	1.158	104	3,944
Knox	31,094	6.502	4,090	160	782	$\tilde{4}$	41	30	274
Larue	9.617	2.468	1,480	22	205	3	47	29	314
Laurel	45.587	5.450	3.280	100	516	4	64	37	667
Lawrence Lee	$17.294 \\ 10.857$	3.745 2.281	$\frac{2,220}{1,400}$	$\begin{array}{c} 101 \\ 50 \end{array}$	381	€ 5	:	11	†57
Leslie	14,979	2.752	1,570	47	250 69	ĩ		() 4	11:2 52
Letcher	40.583	8,126	5,410	129	1.043	$\hat{\bar{3}}$	56	28	603
Lewis	15,674	3.698	5 550	74	355	2	•	17	220
Lincolu	19.852	4.614	2,810	91	511	5	45	49	547
Livingston Logan	9.131 $23,339$	$\frac{2.101}{7.224}$	$\frac{1.450}{4.510}$	23 76	105 786	2 7	128	12	443 814
Lyon	9,039	1.984	1,210	28	191	ć	128	36 9	814 214
McCracken	48.830	13.474	10,310	207	3.407	27	825	98	3,692
McCreary	16.452	3.293	2.130	57	322	-2	*	18	†131
McLean	11,435	2.989	1.850	31	363	7	52	21	207
Madison Magoffin	$28.536 \\ 17.496$	7.158 $3.437$	$\frac{4.660}{2.000}$	$\frac{94}{117}$	$\frac{1.120}{281}$	8 1	261	60	1,382
Marion	16.573	3.813	2.440	35	519	3	60	$\frac{1}{26}$	465
Marshall	16.615	4,361	2.590	56	414	4	54	34	467
Martin	10,970	2.007	1,220	55	193	1	•	1	•
Mason	19,132	5,109	3,600	86	1,232	5	152	55	1.011

	Popula-		Radio	1	FOOD	DF	are	rg Autor	
County	tion	Families	Homes	Store	s Sales	Stores	Sales	Stores	Sales
Meade	8.810	2.186	1.300	33	158	3	18	21	408
Menifee	5.689	1.221	700	27	105			10	52
Mercer	14.618	3.918	1.570	44	524	÷	124	43	714
Metcalie	10.778	2.679	1.530	31	75	í		16	†61
Monroe	14.071	3,758	1.890	37	147	ā	26	26	201
Montgomery	12,264	3,204	2.180	53	613	6	105	31	608
Morgan	16 823	3.568	2.070	84	141	ĭ	*	14	238
Muhlenber-	37.525	9.130	6,030	106	1.049	7	93	43	980
Nelson	18.817	4.180	2.590	40	536	6	90	34	720
Nicholas	8.619	2.395	1.460	21	323	3	38	24	216
Onio	24,413	6.308	3.920	98	434	11	91	32	397
Oldham	10.719	2.101	1.340	29	320	- 5		18	264
Owen	9.759	3.004	1.780	30	323	3	50	19	321
Owsley	8.960	1.886	1.070	18	47	_		3	13
Pendleton	10.386	2,797	1.690	41	425	+	35	29	331
Perry	17,710	9.379	6.260	132	1.117	ŝ	221	35	1.090
Pike	71,120	13.985	8.030	338	1 656	8	137	72	1.799
Powell	7,692	1.646	990	34	89	_		14	†39
Pulaski	39.848	9.038	5.640	135	910	8	181	55	980
Robertson	3.421	915	540	16	135	1		7	124
Rockeastle	17,157	3,700	2.230	38	255	3	25	41	153
Rowan	12,733	2.730	1.690	77	502	i	-5	21	275
Russell	13,610	2.982	1.720	26	93	3	21	11	197
Scott	14.326	3,957	2.600	4.1	701	65	125	40	834
Shelby	17,770	4.785	3,120	41	816	6	134	39	1.027
		3.123	2.000	31	450	3	122	31	643
Simpson	$\frac{11.553}{6.858}$	1,850	1.100	17	165	.,	1	91	153
Spencer	13,589	3.401	2.050	49	387	3	61	38	555
	14.227	3.719	2.270	50	455	6	64	28	†183
	12.682	8,131	4.810	23	273	3	51	25	798
Trigg	5.601	1.435	890	16	49	.,	.,1	11	53
	17 394	4.388	2,900	46	028	5	141	36	663
l'nion		9.797	6.680	157	1,605	12	384	73	2,202
Warren	36.587		1.790	29	415	1 :		23	366
Washington	12.681	3.021			260	9		18	311
Wayne	15.15%	3 7 8 3	2.200	43		-	117	43	491
Websit "	19.161	5,353	3.530	57	548	11	168	60	$\frac{491}{1,259}$
Whitley	33,190	7.324	1.860	96	993			14	1,259 †32
Wolfe	9,997	2.074	1.210	30	.96				403
Woodford	11.826	2.954	1,870	51	619	5	99	23	403
TOTAL STATE	1,815,627	98,007	561,730	10,826	\$126,418	871	*22,220	4,379	\$106,878

<sup>&</sup>quot;Data imagailable. Filling Station Sales only.

LOU	ISI.			F	opulatio 'amilies tadio Ho				363,880 590,722 354,950
Acadia	46.372	10.997	5 940	201	\$938	14	8240	7.2	\$1,551
Allen	17,606	1.145	2 170	5.5	434	4	7.8	20	467
Ascension	21,212	5.177	2.160	106	490	15	91	30	774
Assumption	18.542	4,266	1.960	75	102	13	7.5	1 ‡	289
Avoyelles	39,264	9 128	4.040	218	767	13	210	69	1.202
Beauregard	14.855	3,700	1.890	5"	441	5	50	49	568
Bienville .	23,928	5.671	2.450	55	539	12	117	50	917
Bussier	33.060	8,321	3,800	95	951	7	164	49	1.743
Caddo	149,831	40,275	36,830	544	9.798	1523	3,101	286	12,505
Calcasieu	55.813	14.574	8,460	247	3,191	21	160	127	4.320
Caldwell	12,061	2.880	1,290	19	117	4	78	22	441
Cameron	7.199	1.70?	740	24	118	5	16	8	÷51
Catahoula	14.626	3.493	1,510	34	206	4	52	19	197
Claiborne	29,792	7.023	3,260	88	801	8	216	56	1.024
Concordia	14,593	4.134	1,930	41	474	4	69	14	183
De Solo	31,780	7.803	3,580	1.102	807	8	157	29	1,063
East Baton Rouge	88.182	22,980	14.150	395	6.429	41	1,753	131	7.790
East Carroll	18,811	5.121	2.320	55	415	3	130	15	261
East Feliciana	18,034	3,263	1.430	2.5	258	$\epsilon$	46	15	274
Evangeline	30,682	7.685	3,230	126	418	3	.27	40	†16 <b>7</b>
Franklin	32,382	8.007	3,330	7.8	704	10	152	31	612
Grant	16.007	3,899	1,760	6∷	412	3	49	37	601
Iberia	37,171	8,882	4.460	192	1.129	12	248	58	2,200
Iberville	27,681	7.009	3,470	126	918	11	118	33	773
Jackson	17.808	4.348	1,940	42	386	5	90	22	702
Jefferson	50,395	12.714	7.310	361	2.947	17	229	95	2.351
Jefferson Davis	24,233	6,015	2.920	75	918	9	172	43	1,045

	Popula-		Radio	lio FOOD		DRUG		AUTOMOTIVE	
Parish	tion	Families	Homes	Stores	Sales	Stores	Sales	Stores	Sales
Lafayette	44.026	10.304	5.540	:45	914	17	169	58	2,178
Lafourche	38.631	8.628	4,000	145	1.008	10	214	87	1,666
La Salle	10.946	2.771	1.320	35	340	6	109	33	860
Lincola	24,763	5.805	2.820	66	684		195	35	1.142
Lavingston	17.815	4.266	1.830	18	184	4	08	20	353
Madison	18.483	5.029	2.390	69	7 (93)	4	130	17	519
Morehouse	21,525	7.200	3,500	62	711	9	149	30	1.178
Natebitoches	40.979	9,370	4.210	131	1.088	~	173	11	896
Orleans	492,282	132,765	111,100	2.832	31.395	290	9 023	509	22.940
Ouachita	59.145	15.890	10.150	27.1	3.638	24	786	104	4.75.2
Plaqueniues	12.228	2.914	1.390	82	474	:1	*	9	46
Points Couper	23 992	5.761	2.520	126	556	G	57	45	836
Rapides	73.751	17,525	9.880	315	2.973	2.1	668	1:34	3,664
Red River	15,859	3,898	1,630	333	249	2	0	30	4:21
Richland	28,830	7.107	3.020	457	680	7	134	:31	698
Sabme	23 570	5,576	2,470	80	4.23	+1	132	34	542
St. Bernard	7,272	1,755	860	51	285	J		11	†87
St. Charles	12.318	2,892	1.440	71	501	G	7.1	.5.4	297
St. Helena	9.546	2 200	910	.; 1	48	1	۵	ថ	38
St. James	16,597	3,785	1.810	85	506	7	56	18	310
St. John the Bartist	14,680	33,33514	1,630	81	4335	ō	35	11	136
St. Landry	7.1.432	15.277	7 130	223	1,283	1.5	315	7.8	2.517
St. Martin	26.432	5.670	2.530	157	555	5)	66	18	920
St. Mary	31.3990	7 652	3,880	1.82	1.429	10	134	338	984
St. Tamminy	23,633	6.051	3.190	1.51	1.028	12	171	4;	740
Tangipahoa	45,693	11.342	5.660	163	1,105	18	356	84	1.788
Tensas	15,945	4.475	1.890	55	376	5	108	1:3	127
Terrebonne	35.913	8.144	4,050	190	1.459	1.1	316	19	1.804
Union	20,962	5 020	2.140	46	342	-J	89	33	586
Vermilion	37.631	8,902	$\pm.060$	211	811	7.3	192	11	1.331
Vernon	19,118	1.755	2.250	58	+11) 1	.3		38	625
Washington	34.513	8.444	4 G90	1323	1.235	1.2	290	<del>1</del> 1	1.328
Webster	33,465	8.430	4 110	105	1.021	1.6	12.14	65	1.754
West Baton Rouge	11.261	3,002	1 360	48	493	.3	7	1.5	140
West Carroll	19.255	4.500	1.900	ភិថ	440	5	107	-5.1	†125
West Februara	11.720	2.186	840	338	216	.5	ii ii	ē.	÷40
Wina	16.928	4,197	2,060	48	545	5	112	- 58	617
TOTAL STATE	2.363.880	590,722	351,950	10.300	896,838	892	823.075	3,299	8103,737

*Data unavailable.	#Filling Station Sales only

MAI	NE			Famil	ation ies Homes				845,139 209,664 190,740
Androscoggiu	76 598	19,251	17.500	406	88,112	24	\$1536	149	85.784
Aroostook	93,804	19 595	17.600	326	5,406	33	714	286	1.963
Cumberland	145,514	36 001	33,100	696	16.600	7.7	2.125	401	12.731
Franklin	19.849	5.462	5.010	79	1.442	ii	199	918	1.565
Hancock	32.148	9 333	8,560	251	3.774	18	333	149	2.250
Kennebec	75.414	19,005	15.400	4.05	7 273	337	858	212	5.872
Knox	26.833	5.195	7.410	175	2.915	16	217	121	1.943
Lincoln	16,164	4.862	4 470	95	1,523	>	176	82	1,415
Oxford	4.5 842	19.714	8,850	176	3,616	21	428	128	2.643
Penobscot	97.175	24,334	55,500	445	8,858	48	1.039	256	7.958
Piscataquis	18,414	5.086	4,690	++7	1 (86	15	201	63	937
Sagadahoe	19,004	1,466	3,980	106	1,978	5	207	58	1,435
Somerset	38,769	10.168	9,266	183	2,776	19	321	144	2.321
Waldo	21.039	5 976	5,260	114	1.560	;	105	101.	998
Washington	37.588	10.008	9,000	13.2	3,052	16	540	162	2,007
York	82,383	18.038	16,510	557	9.056	37	886	565	5.096
TOTAL STATE	815.139	209.661	190,710	1.333	\$79,526	395	\$8,715	2,702	\$59,927

MAF	R Y	LA	N		Populatio Families Radio H			<b>1</b>	.821,244 462,591 <b>400,</b> 110
Allegany Anne Arundel Baltimore Baltimore City Calvert Caroline Carroll	88,229 67,935 155,867 854,144 10,511 17,533 39,002	21,549 15,334 37,547 225,952 4,850 4,870 9,056	18,100 12,800 31,150 205,500 1,910 3,940 7,340	425 299 484 6 235 75 96 140	634	26 15 39 470 2 10 13	\$97.8 569 1,285 15.012 137 273	204 114 329 788 18 64 94	\$5,080 2,755 5,979 49,747 †95 1,237 1,946
			2	50					

	Popula-		Radio		FOOD	DF	RUG	AI TO	MOTIVE
County	tion	<b>Families</b>	Homes	Store	es Sales	Stores	Sales	Stores	
Cred	26,357	6,298	5.070	106	1.876	>	114	78	1,395
Charles	17.644	3.825	3.050	80	823	• • • •	42	28	853
Dorchester	27.935	7,270	5,700	1 1023	1 962	8	186	62	1 203
Frederick	57.544	14.357	11.700	240	4.058	1.3	468	137	4.283
Garrett	21.890	4,857	3.920	4.754	77.1	5	68	49	1.7334
Harford	34,831	8,361	6 .500	126	2.128	3.1	304	7:2	2.185
Howard	16,924	33,866	3,130	5-4	1.180	::	80	64	1.699
Kent	13,419	3,749	2,990	:40	1.085	7	137	51	719
Montgomery	81,441	20.934	17,480	240	6.295	1.9	1,080	101	6,406
Prince Georges :	81.111	21,392	15,880	259	6 777	16	7-4:3	124	6.516
Queen Annes	14,474	3,905	3,160	69	7:55	5	70	1.4	58.2
St. Marys	14 637	3.087	2,490	116	984	1	-	26	654
Somerset	20.672	5.280	1,220	163	1.188	;	126	57	+321
Talbot	18.777	5.448	4,360	100	1.497	11	433	58	2.092
Washington	68,774	17,693	14,780	370	5,135	20	688	141	1.864
Wicomited	3 ( 433	9.762	7,870	183	2,200	112	4.07	141	3.013
Worcester	21.393	5.969	1.770	118	1,348	8	172	7.5	1.869
TOTAL STATE	112,128,	462,591	100,110	10,360	\$162,535	730	823,399	2,961	8107,828

MAS	SS.			Popul Famil Radio			1,316,721 ,118,104 ,031,130		
Barnstable	2163 (91) 6	11,032	10,400	232	57,324	29	5895	189	53,949
Berkshire	121,807	32,459	30,100	4500	12,994	4.5	1.485	314	10.054
Bristol	265,092	96,075	87,800	2.131	36,670	160	4.231	637	19.571
Inikes	5.571	1,697	1.620	34	1,255	7	159	1.8	7272
Essex	497.399	134.235	123,800	1.945	57.351	9.20	6.901	843	27,773
Franklin	49,505	13.124	12,250	202	5,233	191	517	178	4,583
Hampden	331,609	87,175	80,500	1,636	36,729	153	1.909	661	24,489
Hampshire	72,423	17,848	16,550	331	6,926	30	813	206	5 163
Muddle-ex	971 186	243,958	224,700	4.488	103,933	499	13 003	1.435	51.562
Nantucket	3.289	987	910	19	7333	4	1:3:2	5	**139
Nortolk	324 979	82,977	77,450	1,269	36,091	174	5.138	6110	28,574
Plymouth	168,060	47,927	43.550	9659	19 54 4	7.5	1,983	506	13,253
Suffoik	861 610	220,608	203,000	4.826	102,868	538	17,223	813	13 231
Worcester	502,856	127,972	118,500	2,342	57.315	187	5 962	951	31,386
TOTAL STATE	1,316,721	1,118,101	1,031,130	21,923	\$181,969	2.112	863,351	7,396	<b>8261,231</b>

 $<sup>\</sup>star F$ (fling Station Sales only, - Antometive Sales only,

MICI	N	Popula Famili Radio		5,256,10 1,382,73 1,272,13					
Alcona	5,450	1,111	1,240	26	8239	• 2	**	27	\$393
Alger	10,138	2,489	2,200	:37	77"	5	562	333	614
Allegan	41.768	11,721	10,330	1466	2.625	17	321	167	2,961
Alpena	20,683	5.222	4,680	8.7	1.542	7	302	65	1,380
Antrim	10.946	2.058	2.640	30	578	7	83	4.3	†334
Arenae	9/208	2,360	2,070	26	130	-;	**	53	871
Baraga	9,367	2,385	2.150	.5.5	676	•		37	590
Barry	22.548	6.580	5,840	64	1 234	5)	196	65	1.296
Bay	74,962	19,333	-17.550	34.4	5.454	333	1.094	17:3	5 286
Benze	7 775	5.505	3.990	3.5	572	5	J 1 1	33.7	499
Berrien	<b>ラル,ガル</b> じ	25,538	z3.190	316	7,730	51	1.527	354	7 530
Branch	25,797	7.700	6,830	85	1.657	10	252	125	2.175
Calhoun	94.035	26,983	24,720	35.1	7,924	50	1.612	289	₹.434
Cass	21,922	6.510	5.840	79	1.4.59	9	136	97	1.397
Charlevors	12.943	3.516	-3.120	62	965	î	125	Gã	920
Cheboygan	13,619	3,142	3,000	65	998	10	165	53	726
Chippewa	26,411	6,667	5,950	1334	2.394	10	200	70	1.638
Clare	9,160	2.411	2.140	412	766	:1	68	49	625
Clinton	26,666	7.262	6,380	ej ( )	1,228	10	247	118	2,013
Crawford	3.760	946	87.0	15	425	3	69	35	421

	Popula-		Radio		FOOD		RUG		MOTIVE
County	tion	Families		Stor		Store		Stores	Sales
Delta	33,713	8,722	7 910	123	2.295	1.5	274	94	2,201
Dicknason	28,678	7.474	6,640	112	1.855	7	149	79	L.854
Eaton	34,046	10,003	8.910	116	2.183	18	342	143	2.543
Emmet	15.746	$\frac{4,209}{60.102}$	3.770	56 775	1.478	7 92	$\frac{204}{3.890}$	67 599	1,605
Genesee	227,445 9,339	2,413	55,500 9,120	39	20,795 469	4	3,890 87	34	19,556 500
Gladwin Gogebie	31.640	8.098	7.320	108	2.402	11	259	94	2,213
Grand Traverse	23.344	5.845	5.180	17	1.853	9	270	707	2,226
Gratiot	32,230	8,809	7.800	108	1 884	15	254	128	$\tilde{2.719}$
Hill-dale	29,014	8,547	7.580	95	1.425	10	160	132	1,666
Houghton	47.617	12.512	11.200	182	4.275	11	251	132	2,340
<b>Н</b> цгоп	32.531	8 028	7.110	109	1.469	17	232	1:20	2,584
Ingham	130.178	30.777	34.800	117	11,391	70	2,381	358	12.067
Jonia	95.785	9.530	5,490	108	2,013	17	309	165	2,644
Iosco	8.519	2,324	2.990	40	624	15	119	33 62	595
Iron	20 253 25,872	5,220 6,693	4,710 5.890	69 61	$\frac{1.667}{1.371}$	7 9	148 185	95	1,188 1,983
Isabella Jackson	92.158	0,086 24,401	22,400	91 340	7.137	49	1,278	264	7,675
Kalamazoo	99.932	27,424	25.250	351	8.714	53	2.042	289	9,455
Kalaska	5,116	1,363	1,210	14	219	1	~.(/	15	1104
Kent	245,914	69.116	64,450	960	21,103	126	4,646	664	19,648
Keweenaw	3,924	1.065	990	12	407	_		1.1	79
Lake	4,794	1.440	1,280	33	31:1	1	4	27	186
Lapeer	32,106	7 393	6,530	81	1,550	11	220	132	2,446
Leclanau	8,408	2,143	1,890	46	496	3	45	34	255
Lemawre	53,714	14.758	13,230	191	3.806	50	375	198	4.370
Livingston	20,773	3,896	3.470	70	1.451	9	170	101	2,088
Luce	7,406	1,187	1,350	16	530	3	134	13	562
Mackinae	9,385 $107.428$	$\frac{2.338}{27.551}$	2.130 55.190	47 303	766 $7.622$	.5 36	61 1.043	$\frac{49}{315}$	$\frac{491}{7.962}$
Macomb Manister	18,379	5,229	4,560	85	1,243	12	283	70	1,263
Marquette	46,689	12.041	10,870	173	1,285	ίi	356	123	2,784
Mason	19,249	5,445	1.820	76	1.449	11	180	75	1,174
Mecosta	16.812	4.566	4,010	50	305	6	165	80	1,172
Menominee	24,918	6.375	5.680	7.7	1.158	G	82	75	1,158
Midland	27 079	6,933	6.160	92	2,007	S	280	77	2.041
Missaukee	8,029	1.922	1.750	16	221	*:	*	30	375
Monroe	57.673	15,123	13.700	231	3,699	14	116	192	3,963
Montealm	28.561	8,363	7,370	1 ? ? ?	1.812	?1	291	152	2,331
Montmorency	3,839	970	860	20	187	3	55	19	234
Muskegon	94,261 19,253	25,728	23,740	366	8.717 974	36	$\frac{1,327}{108}$	251	6,422
Newaygo Oakland	253,577	$\frac{5.272}{74.741}$	$\frac{4.470}{69.150}$	$\begin{array}{c} 68 \\ 793 \end{array}$	21.907	99	3.186	55 711	958 23,386
Осенна	14,794	4.135	3.650	50	892	5	84	57	817
Ogemaw	8.704	2,249	1.080	27	504	4	63	4.5	619
Ontonagon	11,360	2.042	2 630	39	791	5	40	30	458
Osceola	13,288	3,574	3,160	40	606	G	101	69	961
Oscoda	2.538	664	580	10	159		*	18	131
Of 40 in	5.793	1,373	1,230	51	419			41	058
Oltawa Presque Isle	59,376	16017	14,580 2,440	191 41	4.010	27 4	678 76	194 35	4,666
Roscommon	$\frac{12.224}{3.660}$	$\frac{2.750}{1.104}$	990	35	797 <b>4</b> 72	9	**	42	579 396
Sagmaw	130,625	34.549	31,650	425	9,687	60	2.108	301	8,645
St. Clair	76.311	20,368	15.550	318	6.348	30	949	240	5.957
St. Joseph	32,103	9.501	8,570	117	2 392	18	338	167	2,780
Savilac	30.140	7.971	6,990	88	1.483	19	228	129	2,295
Schooleraft	9,605	2,366	2,480	:;:}	750	23	101	38	804
Shiawassee	41,145	11.317	10,200	128	2.059	21	304	164	3.532
Tu-cola	35,693	9,321	8,200	108	1.881	17	290	126	3,287
Van Buren	35,451	10,620	9,526	139	2,603	18	341	185	2.663
Washtenaw Wayne	80,634	22,214 504 637	20 480 474 000	$\frac{359}{8,741}$	8,216 162,784	15 997	$\frac{1,805}{36,793}$	250 3,039	8.364 $166.646$
Wayne Wexford	17,955	4,879	4,4000	8,741	1.204	, , , , , , , , , , , , , , , , , , ,	248	80	1,520
TOTAL STATE	5,256,1 <b>0</b> 6	1,382,738	1,272,120	20,217	8110,193	2,110	\$77,765	13,668	\$119,115

<sup>\*</sup>Data unavailable. \*Filling Station Sales only

MIN	NE	SO	TA	7	Population Families Radio Ho			. 2	,792,300 726,391 620,770
Aitkin	17,791	4,596	3,480	+5-4	\$544	4	×5.7	84	8733
Anoka	22.456	5.470	4.650	64		4	99	51	1.064
Beeker	26,604	0 455	5,090	7.0	1.079	14	132	7.1	1.504
Beltrann	26,053	6,002	4.860	90	1 676	5	202	93	1.899
Benton	16,100	3.622	2.950	413	822	4	77	71	1659
Big Stone	10.415	2,57?	2 090	38	645	7	86	51	992
Blue Earth	36,165	9.659	8,110	119	2.659	13	491	128	3,358
Brown	25,532	6,472	5.450	ñ7	1.502	13	325	91	1,957
Carlton	24.165	6,055	4,950	ă?	1,018	6	128	90	1,444

County	Popula- tion	Families	Radio Homes	Stor	FOOD es Sales		ORUG es Sales	AUTO Stores	MOTIVE Sales
Carver	17,605	4 280	3 390	45	713	S	252	ភ័ព	1.035
Cass	20.063	5,151	4,050	63		6	96	85	715
Chippewa	16,918	4 289	3 190	46		- 6	128	65	1,582
Chisago .	13,124 25,329	3,639 6,361	$\frac{2,830}{5,210}$	46	487 1 711	6	176	66 74	$\frac{841}{1,996}$
Contwater	11 122	2,788	2,120	312	380	3	56	31	398
Conk	2,996	7103	660	20	260	1	3	17	***25
Ceffonwood	16 110	3,986	3,110	26	539	51	143	53	1,200
Uraw Win	30,140	7.802	6,500	131	2.654	LO	295	109	4,354
Dakota	39,668	9.579	8,270	129 36	2,530 530	12	328 86	119	3,767
Dodge	12,928 $20,366$	$\frac{3.316}{5.280}$	$\frac{2,560}{4.180}$	55	1.082	9	180	92	520 1,280
Faribault	23,782	6.123	4,910	7.1	1,545	14	221	101	1,928
Fillmore	25,517	6,899	5.430	7 F	1.050	1:3	213	112	1.355
Freeborn	31.682	8.176	6,720	95	2,227		227	88	2,601
Goodhile	31.504	8,337	6,870 1,930	102	1.984	15 6	260	117	2,424
Grant	9 820 566,289	$\frac{2475}{161.571}$	148,810	2,393	$\frac{428}{63,835}$	295	57 11 715	40	745 46,245
Hennepur Hariston	14.783	3 1 7 9	2,930	11	580	4	75	52	798
Hubbard	10 998	2.881	2.240	38	676	:3	42	41	640
Isan'ı	12.926	3,088	2.390	::7	605	1	104	47	862
Itasea	32,994	S 22 1	6 650	102	2,258	3	134	91	1.980
Jarkson	16,877	4.204	3,230	37 21	744 366	5 3	109 58	58 26	848 573
Kanabee Kandiyohi .	9,666 26 484	$\frac{2.496}{6.305}$	$\frac{1.870}{5.130}$	76	1.408	.i	170	105	2.275
Kitt-on	10,722	2,534	1.970	27	304	5	45	42	915
Koochiching	16 885	4.479	3,720	63	1,350	ā	133	57	1,167
Lac qui Parle	15,484	3.713	2.870	26	619	15	106	Gtj	878
Lake	6 929	2 085	1.820	43	685		•	25	†298
Lake of the Woods	5.843	1.499	$\frac{1.170}{1.120}$	27 52	303 900	10	140	15 64	$\frac{120}{1,255}$
Le Sueur	19,195 10,786	$\frac{5.156}{2.657}$	2,050		346	-111	140	41	627
Lincoln	21,522	5 343	1 360	5.5	1.268	10	193	87	2.120
McLeod	21,385	5,516	4,420	57	1.087	10	160	81	1,687
Mahnomen	8,053	1.780	1 400	18	290	-:		17	325
Marshall	18.343	4,285	3.260	46	367	. 8	102	60	811
Martin · · · · ·	24,673	6,493	5.100	57	1.391	1.4	541	102	2.072
Meeker .	19,268 $14,785$	$\frac{4.765}{4.132}$	$\frac{3.720}{3.210}$	51 35	1,014 557	7	108	11	1,219 1,399
Mille Lacs	21 115	6,320	1,960	7:3	1.058	1.5	124	143	1,323
Mower	36,089	9.262	7,830	111	2,731	11	503	95	2,860
Murray	15.055	3,431	2,610	::::	468	1	54	51	744
Niepliet	18 291	1.025	3,320	39	873		61	35	$\frac{713}{2,199}$
Nobles	21.223	5,26 <u>4</u> 3 594	$\frac{4,250}{2.740}$	53 39	1.136 557	5	171 64	70 43	593
Norman Olmsted	14 67 1 42 613	10.241	8,740	906	2.841	14	887	105	3.671
Olmsted Otter Tail	53 039	12.772	10,000	111	2.185	16	297	127	2.995
Pennington	12,900	3 184	2.610	36	881	4	134	35	1,220
Pine	21.447	5.489	4.150	53	750	5.	88	93	1.217
Procetone	13,782	3,419	2,410 7,840	11	$\frac{604}{2.126}$	13	101 359	63 115	$\frac{1.418}{2.161}$
Polk Pope	$\frac{37,719}{13,515}$	3,325	2.570	39	597	5	76	54	601
Ramsey	310,431	86,236	80.720	1 217	38,686	143	5,526	628	27,836
Red Lake	7,411	1.693	1.310	19	215	1	*	25	255
Redwood	33.377	5.405	4 260	51	1.033	1'2	135	87	1 408
Renville	24,601	5.946	1 610 6,340	51 82	$\frac{1.000}{1.594}$	111	143 323	104 88	1,798 <b>1,930</b>
Rice	$\frac{32.145}{10.929}$	7,557 2,789	2.240	28	554	ĩ	53	50	850
Rock	15,014	3,501	1.730	317	517	ā	111	50	664
St. Louis	206,391	56 513	51.200	895	20.898	7.5	2.564	519	15.216
Scott Sherburne	15,523	3,676	2.920	49	613	17	120	71	1.065
	10,151	2.346	1.820		423			53 55	750
Sibley	16,582 $67,203$	$\frac{4,023}{14,305}$	$\frac{3.120}{11.990}$	34 171	$\frac{450}{3.611}$	9.9	116 542	55 244	$950 \\ 4,153$
Stearns Steele	19,657	4,968	4.160	36	1.098	7	187	51	1,364
Stevens	11.016	2.640	2,060	13	487	5	80	28	1,060
Swift	15 453	3.764	2,950	37	759	7	95	72	903
Todd	27.411	6,700	5.180	ñ4	1.065	9	129	94	1,156
Traverse	8 275	2,032	1.580	23		:} ;+	51	29 63	520 1,135
Wabasha	15.644 12.585	$\frac{4.589}{3.109}$	$\frac{3.750}{2.460}$	50 39	789 550	4	107 83	54	787
Wadena Waseca	15,202	3,937	3,200	29	639	11	149	64	1,155
Washington	26 390	6.834	5.750	11.1	1,723	6	215	83	2,083
Watonwan	14.017	3.576	2,890	31	858	7	146	15:3	929
Wilkin	10.526	2.453	1.930	. 34	640	!	77	32	436
Winona	37.746	9.978	8,720	136		11	424	105	2,878
Wright	27.477	7.101	5,520	84	1,075	14	179	121	1.714
Yellow Medicine .	16,863	1.203	3.270		<u>- 679</u>	s	118	60	1,174
TOTAL STATE	2,792,300	726,391	620,770	9,261	8211,177	1,134	832,991	8,396	\$201,115

MISSISSIPPI Population 2,183,796
Families 537,359
Radio Homes 228,090

			ш и	кас	no Home	38			228,090
	Popula-		Radio	1	FOQD	DI	RUG .	AUTON	10TIVE
County	tion	Families	Homes	Store		Stores		Stores	Sales
Adams Alcorn	$\frac{27.218}{26.865}$	7.541 6 (10	4,130	147	\$1.544	H	5262	34	\$1,209
Amite	21.885	4.947	3,100 1,700	123 88	965 377	î	147 52	55 18	1,470
Attala	30,502	6,961	2.740	80	862	ý.	129	39	860
Benton	10.426	2,371	780	36	95	3	4	8	÷21
Bohyar Calboun	67,565 20 908	$\frac{18.132}{4,919}$	15,580	305	2.941	14	327	7.9	1.713
Cathoun Carroll . ,	20.648	4 7 1 1	$\frac{1.760}{1.580}$	38	$\frac{182}{290}$	4	40 34	28 15	402 *113
Chickasaw	21.438	5.081	1,890	84	538	*	106	::4	357
Choctaw	13.541	3.005	1,060	31	256	+	58	133	†111
Clarborne	12,806 20 602	$\frac{3,373}{4.777}$	$\frac{1.250}{1.880}$	49	295 398	2	÷ • • • • • • • • • • • • • • • • • • •	13	320
Clay	19.019	4.704	2.010	17	812	5 5	78 71	21 22	407 516
Conhoma	48.331	13.476	5,640	191	1.768	17	268	$\overline{56}$	4.257
Copiah	34.017	8,219	3,070	96	841	11	138	38	890
Covington De Soto	$\frac{17.035}{26.731}$	$\frac{3.789}{6.678}$	$\frac{1.340}{2.230}$	51 84	313	4 3	58	18 24	283 578
Forrest	34,883	9,103	5,610	160	1.804	14	330	61	2,761
Franklin	12.195	3.047	1.180	45	190	3	<del>1</del> 1	1.4	136
George	8.707 $9.513$	1.941	740	31	261	. \$	56	13	409
Greene	19,044	2.042 4.499	$\frac{860}{2.020}$	20 50	$\frac{235}{511}$	4	$\frac{57}{106}$	$\frac{13}{25}$	+43 915
Hancock	11,300	2.808	1.440	0.5	565	6	85	26	†171
Harrison	50 830	13.029	5.5360	244	2.887	16	506	105	2,685
Hmds	107.038	29,956	18,350	333	5.585	45	1,396	153	7.232
Humphreys	39.682 26 243	9 97 I 6,5 <b>22</b>	$\frac{3.810}{2.420}$	104	934 904	10	171 127	50 96	1,249 653
Issaquena	6.4334	1.772	590	13	82		1.7	- 3	30
Itawamba	19.854	4,417	1.490	81	247	• 1	1.5	19	175
Jackson	$\frac{20,593}{19,461}$	5 165	9,650	83	1,004	6	154	314	573
Jasper Jefferson	13 961	4,308 3,554	$\frac{1.500}{1.260}$	49 50	170 208	5 4	56 46	25 11	448 †71
Jellerson Davis	15.815	3 511	1,160	30	195	4	51	16	316
Jones	49.225	11.511	6,000	173	1.877	12	288	85	1.936
Kemper Lafayette	21,876	$\frac{1.745}{5.143}$	1,660 2,060	68 88	174	5	56	12	÷89
Lamar	$\frac{21,252}{12.028}$	2,861	1,200	25	626 205	ម ភ	$\frac{115}{59}$	22 23	604 98
Landerdale ,	57,992	14,865	8 850	263	2.071	110	467	83	2.926
Lawrence	13,979	3.176	1,120	4:1	2.27	4	69	19	274
Leake	24,576	5.477	1.910	54	203	5	78	25	668
Leffore	38.811 58.870	$\frac{9.581}{13.972}$	$\frac{4.190}{5.960}$	$\frac{125}{195}$	$\frac{1.147}{2.421}$	7 I 1:3	238 367	73 52	$\frac{1.081}{2.692}$
Lincolo	27,588	6.535	2.820	100	9933	8	170	32	929
Lownde-	35.231	8.810	4,300	166	1.247	10	267	50	1.646
Madison Marion	$\frac{37.654}{24.003}$	8 865 5.618	3,130 2,450	100 89	992	9 5	108	$\frac{34}{19}$	932 657
Marshall	25 596	6.015	2,110	119	473		92	21	542
Monrue	37,600	8,893	3,740	130	1.041	Ω	147	4.5	1.571
Manigamery Neshaba	$\frac{15,698}{28,0001}$	3,732 6 295	1.58n 2.370	$\frac{36}{45}$	451	!	59	30	478
Newton	21.137	5.514	2,020	62	3339 521	+	160 110	25 30	619 671
Noxubee	25.456	0.044	2.110	7-1	539	6	114	21	540
Oktibbeha	22,143	5.051	2,090	60	708	.5	135	30	599
Panola	34.456	8,250	2,890	93	1,102	10	168	4.3	1,169
Pearl River	19 126	4,641	2,220	8.3	589	5	7.3	338	833
Perry	$\frac{9,298}{31.911}$	2,078	830	11:	158	. <del>1</del>	23	. 9	137
Pike Pontotoe	22.896	8,630 5,450	$\frac{4.280}{1.890}$	140 77	$\frac{1.078}{415}$	15 4	235 78	65 26	1.535
Prentiss	20.933	4,982	1,540	7.4	541	- <del>1</del>	99	20	†113 497
Quitnem	27,101	6,852	2.320	106	697	8	113	19	453
Rankm	27,876	5.665	2.070	> 4	556	6	60	37	460
Scott	23,137	5.212	1.960	ti"?	511	*	980	35	944
Strarkes	15.427	3 939	1.360	47	422	4	7.0	19	532
Simpson	21,998	4.972	1.840	61	308	15	54	42	592
Smith Stone	19,450 6,159	$\frac{4,245}{1.497}$	1,500	38	145	Ξ.	06	23	253
Sunflower	60.219	14 689	610 5 240	28	255 1.882	: 15	221	61 13	†115
Tallahatehie	34.130	8,589	2,860	51	800	9	90	3.5	$\frac{1.842}{562}$
Tate	19.322	4 688	1.600	66	386	6	;•0 15±	21	311
Tippah	19,628	1.582	1.590	46	298	;	64	30	275
Tishomingo	18.969	3 950	1.460	46	3335	4	11	α	207
Tunica	22,607	6.245	2.070	111	786	4	68	23	572
Union	21.771	5.416	2,150	112	608	5	110	29	461
Walthall	17 533 39.421	3,893	1,290	36	$\frac{135}{2.440}$	3	48	18	530
Washington	67,651	$\frac{11.487}{19.030}$	0,900 8,440	$\frac{159}{253}$	3,440 3,610	9 20	$\frac{191}{412}$	17	1,965
Wayne	16,921	3,701	1,380	±9	233	-3	30	60 17	2,801 453
Webster	14,160	3,323	1,150	49	363	3	54	23	477
						-		~-,	T/1

Popula-			Radio	FOOD		DRUG		AUTOMOTIVE	
County	tion	Families	Homes	Stores	Sales	Stores	Sales	Stores	Sales
Wilkinson	15.954	3,795	1.420	82	325	~	149	16	473
Winston	22.747	5.054	2.000	56	422	5	77	23	756
Yalobusha	18,395	4,491	1.980	51	389	7	103	33	†227
Yazoo	10.088	10.076	2.740	9.5	827	1.5	303	26	1.208
TOTAL STATE	2,183,796	537,359	228,090	7,123	\$66.513	626	\$11,163	2,721	\$71,729

<sup>\*</sup>Data unavailable. †Filling Station Sales only

MISS	SOURI			Radio Homes . 30 80 \$1,284				1,	3,784,664 1,065,653 818,620	
Adair	20.237	6.104	4.330	80	\$1,284	6	\$189	78	\$1,323	
Andrew	13.017	3.887	2,220	+1	459	9)	(10)	51	577	
Atchison	12,809	3,595	2,120	20	160	11	106	41.	884	
Audrain	22.648	6.775	4,800	HK.	1.474	23	235	80	1.444	
Barry	23.158	6,259	3,810	70	641	()	189	8.5	1.011	
Barton	$\frac{13,057}{19,548}$	$\frac{4.148}{5.925}$	2,490 3,650	46 15 <b>4</b>	550 802	!+ 1.1	134 120	63 86	556	
Benton	$\frac{19.348}{11.219}$	3.156	1.780	25	171	7	85	50	$\frac{1,152}{344}$	
Bollinger	12.896	3 205	1.690	30	122	.,	8	36	189	
Boone	34.858	10.450	7.810	112	2,522	19	785	135	2.533	
Buehanan	93,998	26.802	23,600	380	6,559	7.1	2.136	273	5.942	
Butler	34.268	8.425	5.750	99	1.277	10	24.5	105	1.854	
Caldwell	11.635	3.609	2,190	4:3	476	8	78	50	803	
Callaway	23,065	5.8i0	3,510	47	828	+5	113	79	1.703	
Camden	8.934	2.401	1.360	27	1:35	()	53	48	†16 <b>4</b>	
Cape Girardeau	37,749	9.817	7.280	109	2.122	22	546	120	2.978	
Carroll	$\frac{17.762}{6.226}$	5,973	3.320	55	793	11	135	68	838	
Cass	19,366	$\frac{1.502}{5.895}$	$\frac{910}{3.540}$	97 57	178	18	228	18 114	$\frac{106}{1.197}$	
Cedar	11,681	3.481	1.950	52	309	16	114	47	431	
Chariton	18,050	5.183	3,000	59	658	10	100	62	862	
Christian	13,538	3.716	2 000	-3.2	197	5	50	58	387	
Clark	10.163	3.118	1,830	3.7	360	+5	49	4:	455	
Clay	30,093	9,069	6.840	110	1.925	21	647	176	4,394	
Clinton	13.263	4,069	2,770	51	708	7	11:2	ri±	942	
Cole	34,856	8,275	6,770	99	2.315	17	646	103	2.610	
Cooper	17,901	4.945	3,340	51	804	11	210	59	916	
Crawford	12.606	3,359	1.890	29	308	ĸ	102	47	621	
Dade	$\frac{11.253}{11.517}$	$\frac{3.267}{3.053}$	$\frac{1.810}{1.590}$	21	271 140	5	65 48	41 50	325 359	
Daviess	13,383	4.122	2.380	36	460	8	103	53	570	
De Kalb	9.746	2.953	1.680	38	343	8	53	53	374	
Dent	11.760	3,140	1.760	35	336	5	86	79	555	
Dougla	15,574	3.811	1.950	40	199	-2	s(e	29	308	
Dunklin	45,018	11.011	6,670	168	1.674	25	413	95	2,523	
Franklin	33.911	9,190	6,070	96	1.370	17	230	156	2,023	
Gaseonade	12.397	3,358	2.050	34	549	. 5	45	52	041	
Gentry	13.361 $90.408$	$\frac{4.012}{26.614}$	$\frac{2,420}{21,800}$	36	561 5,740	$\frac{10}{51}$	$\frac{125}{1.761}$	57 430	780 6.204	
Greene	15.617	4.888	3.460	54	715	10	220	56	864	
Harrison	16.504	4.915	2.810	31	606	11	168	76	1.011	
Henry	22,300	6.794	4.490	90	949	18	257	121	1,627	
Hickory	6,535	1.889	1.010	25	135	+5	11	20	÷99	
Holt	12.475	3,648	2.180	28	435	11	116	17	584	
Howard	13.008	3.812	2.460	:3 1	580	10	213	46	533	
Howell	22.238	5.938	3,600	52	446	10	50.5	7.2	907	
Iron	10.431	2.517	1.580	28	173			27	390	
Jackson	476.566	143,371	130,200	1,806	41,675	336	16.141	1.085	36.285	
Jasper	$78.654 \\ 31.988$	23,492 8,791	$\frac{19,200}{6,400}$	$\frac{354}{102}$	$\frac{5.510}{2.052}$	13	237	$\frac{316}{93}$	7.427	
Jefferson Johnson	21.408	6.356	4,060	64	961	14	244	81	$\frac{1.592}{1.382}$	
Knox	8,873	2.724	1.570	35	403	5	59	39	331	
Laclede	18,643	5,011	3,050	57	667	-1	88	94	846	
Lafayette	27,807	8,031	5.180	7.9	1.286	18	322	129	1.492	
Lawrence	24.552	6,913	4.390	7.2	824	13	218	122	960	
Lewis	11.391	3,638	2,250	4.5	470	10	Su	58	677	
Lancoln	14,383	4,379	2.570	34	403	8	154	54	949	
Linn	21.337	6.508	4.670	65	1.022	19	309	96	1.556	
Livingston	17.559	1 951	3.480	-61	836	10	165	+52}	1.084	
McDonald	15,736	4.169	2,270	4:3	202	11	100	68	586	
Macon	$21.404 \\ 9.636$	6.595 2.507	1.120 1.660	76 33	989 3 <b>4</b> 2	14	179 76	84 38	$\frac{1.765}{437}$	
Madison	0.000	307	1,600	-)-)	-)+~	4	7.0	90	101	
			2	63						

	Populs-		Radio		FOOD	I	RUG	AUTO	MOTIVE
County	tion	Families	Homes	Stor	es Sales	Store	s Sales	Stores	Sales
Maries	8,636	2,163	1.130	7	40	33	23	21	186
Marion	30,665	9.395	7.670	142	2,320	2.1	499	105	2.299
Mercer	8,764	2.599	1.440	18	262	5	73	34	4:37
Miller	14.793	3.901	2.500	36	459	4	*	63	618
Mississippi	23,232	5.724	3,570	84	1.097	Ω	113	53	1,003
Moniteau	11.764	3.417	2 050	31	358	7	7.9	46	621
Monroe	13.162	4.083	2,370	26	051	5.4	111	49	683
Montgomery	12.434	3,778	2,290	38	488		80	69	605
Morgan	11.125	3,032	1.780	36	313	4	50	4.5	426
New Madrid	39.803	9.335	5,410	111	1.149	1 ?	191	71	100
Newton	27,088	7.089	5,070	88	1.050	11	148	118	1.382
Nodaway	25,578	7,389	4.750	56	1.079	19	269	104	1.672
Oregon	13,302	3,320	1.860	39	253	5	58	33	448
Osage	12.361	2.984	1,670	32	221	:3	29	33	291
Ozark	10.767	2,588	1.300	1.5	-5.2	_	_	11	†45
Pemiscot	16,714	11,627	6.740	165	1.600	20	366	90	2.321
Perry	15.292	3,716	2.300	25	370	::	81	59	÷310
Pettis	33.260	9.840	7.540	1 23	1,940	1::	374	121	2.168
Phelps	17.507	4.853	3.170	52	833	9	211	76	866
Pike	18.314	5.744	3.800	61	972	.1.1	131	83	1.143
Platte	13.868	4.122	2.460	56	196	- 0	92	54	694
Polk	19,924	4.785	3.670	59	458	1:	96	99	1 028
Pulaski	10,772	5.959	1.730	33.4	256	8	7.3	66	501
Putnam	11.320	3.240	1,820	38	318	3	73	40	283
Ralls	10,035	2.958	1.730	18	244	4	58	33	262
Randolph	24.453	7.648	5.850	88	1.533	17	252	80	1 186
Ray	18.562	5,560	3,560	72	800	10	151	71	722
Reynolds	9,363	2.190	1.190	1.2	64	1	*	18	171
Rupley	12.594	3.103	1.740	37	323	4	73	30	315
St. Charles	25.621	9,793	4,970	81	1,265	>	123	105	1,661
St. Clair	12.727	3.788	2.130	33	265	7	71	57	35?
St. Francois	35,946	8,831	6 530	133	2.119	1.8	323	114	2.119
St. Louis	272,707	73,211	60.500	915	23,633	118	3.080	733	18,131
St. Louis City	813,748	234.512	550 000	1.403	76.111	544	13,809	1.385	60,651
Ste. Genevieve	10,901	2,666	1,530	11.4	419	5	33	20	437
Saline	20.374	7.978	5,670	80	1.393	111	371	104	1.719
Schuyler	6.565	2.053	1,210	26	371	5	331	35	337
Scotland	8.551	2,629	1,500	26	370	. 5	59	33	479
	30,386	7 7 1 1	5 150	110	1.497	18	310	119	1.588
Shannon Shelby	11,823	2,830	1,620	35	185		41	30	168
Shelby Stoddard	11,209	3,545	2.130	30	528	12	_63	60	646
	33,019	8,023	4,710	105	1.007	14	115	61	860
Stone Sullivan	11.302	2.911	1.580	.17	100	4	38	30	117
_	13,671	3.954	2.240	46	457	8	91	55	367
Taney Texas	10.308 $19.810$	4,755 5 161	1,600	39	304		66	50	269
Vernon	25,503	7.125	2.770	40 81	203	[0	97	62	745
Warren	7,727	2.225	4,500 1,300	19	1,071 235	11	174	105 30	1,232
Washington	17.485	4.092	2,540	51	462	5	29 <b>4</b> 3		359
Wayne	12,799	3.114	1.780	31	157	4	19	34 38	384 ÷201
Webster	17.431	4.538	2.480	42	456	5	66	78	819
Worth	6,350	1.822	1.020	18	247	á	45	26	395
Wright	17.950	4.754	2,650	29	237	10	107	68	657
-									
TOTAL STATE	3,781,661	1.065,653	818,620	11.126	\$235,315	2,171	855,216	11,171	\$233,406

<sup>\*</sup>Data unavailable. †Filling Station Sales only.

MON	T			Fam	ulation ilies io Home			•••	559,456 159,398 128,480
Beaverhead	7.038	2,315	1,770	38	2882	4	584	28	\$1.022
Big Horn	10,407	2,50×	1,890	30	675	3	59	28	767
Blaine	9.541	2,442	1,830	25	655	5	70	31	1,140
Broadwater	3,440	949	730	8	233	• • • • • • • • • • • • • • • • • • • •	r.	11	†113
Carbon	11.837	3,299	2,560	38	753	10	103	41	้อีลิย์
Carter	3,300	911	680	15	138	7	*	- 1 <u>8</u>	72
Cascade	41.877	12.383	10.800	157	4.648	16	694	11?	5.246
Chouteau	7.168	2.040	1.520	10	313	3	50	18	608
Custer	10.397	2,959	2.560	35	1.042	5	189	29	1.193
Daniels	4.464	1.167	85.0	11	210	23	46	16	436
Dawson	8,593	2,269	1.870	22	568	4.	40	30	821
Deer Lodge	15.407	1.064	3.590	3.5	1.808	5	131	21	966
Fallon	3.739	931	700	9	254	• • • • • • • • • • • • • • • • • • • •	49	12	354
Fergus	14.087	4.071	3,230	55	1,223	<b>×</b>	131	58	1.440
Flathead	23.996	6.740	5,470	79	2.138	11	283	71	2.193
Gallatin	18.174	5,217	4.260	58	1.929	13	266	76	2,493
Garfield	2.644	756	560	13	93	1		10	†42
Glacier	8,994	2.383	1 820	19	639	3	119	32	1,228
Golden Valley	1.604	463	350	11	74	2	٠	5	48

	Popula-		Radio		FOOD	D	RUG	AUTO	MOTIVE
County	tion	Families	Homes	Store	es Sales	Stores	Sales	Stores	Sales
Granite	3.392	1.195	920	12	363	:2	*	17	324
Hill	13,143	3.398	2.790	52	1,470	6	209	36	1.297
Jefferson	4,583	1.211	930	15	344	ä	55	17	†164
Judith Basin	3,638	1.026	720	16	178	3	17	17	†197
Lake	9.840	3.640	2.760	37	711	íŝ	98	41	949
Lewis and Clark	21.721	6.806	5.880	83	2,556	10	357	60	2.818
Liberty	2,205	648	490	7	145	ĵ	*	10	†109
Lincoln	7.850	2,359	1.810	2i	578	4	62	31	496
McCone	3.786	1.010	750	ŝ	132	2		";s	†55
Madison	7,271	2.120	1.600	28	456	4	70	28	†292
Meagher	2,220	661	500	13	171	i	, ; ;	10	305
Mineral	2,134	731	570	15	117	2		16	130
Missoula	28,361	8.406	7.260	88	2.985	11	441	93	3,790
Musselshell	5.694	1.689	1.340	25	569	13	42	23	596
Park	11.490	3.432	2,900	45	1.148	7	149	45	1,302
Petroleum	1.141	334	250	4	55		11.7	6	48
Phillips	7.865	2.303	1.720	18	454	3	50	27	633
Pondera	6.712	1,803	1,370	24	627	4	84	2.5	571
Powder River	3.155	923	680	12	94	î	*	~~~	194
Powell	6.153	1.861	1.530	1.7	508	3	82	22	600
Prairie	2.391	647	490	- 8	155	ï	~	12	†81
Ravalli	12.965	3,772	2.850	33	884	õ	111	38	1.053
Richland	10,192	2,629	1,007	30	708	4	89	23	691
Roosevelt	9.763	2.453	1,850	27	669	7	130	37	1.059
Rosebud	6.443	1.742	1.310	16	351	4	45	27	568
Sanders	6.523	1.950	1.180	20	315	4	54	25	278
Sheridan	7.741	2,006	1.500	23	315	4	69	13	307
Silver Bow	52.802	16.674	14,390	261	7.526	24	702	74	5.481
Stillwater	5.686	1.590	1.190	18	297	- 1	46	27	490
Sweet Grass	3,711	1.108	840	18	253	2	ab.	$\tilde{15}$	†174
Teton	6.893	2.000	1.500	26	490	5	85	24	667
Toole	6.776	1.961	1.510	28	660	5	67	30	940
Treasure	1.543	393	300	5	50	:		10	56
Valley	15.019	4.076	3.060	76	1.720	12	410	57	1.616
Wheatland	3,310	910	700	15	393	-2	110	18	402
Wibaux	2.163	565	430	· ~	85	ĩ	#s	7	124
Yellowstone	41.104	11.478	9,260	118	3.875	18	898	109	5.876
Yellowstone	,101	,-,0	,		,		000	1017	0,010
National Park	41	15	20	_	_	_	_	_	-
TOTAL STATE	559,456	159,398	128,180	1,946	\$50,657	285	\$7,050	1,719	\$56,260

<sup>\*</sup>Data unavailable. †Filling Station Sales only.

NEBI	RA	SK		Fan	ulation nilies io Home		• · · · · · · · · · · · · · · · · · · ·		,315,834 360,255 291,850
Adams	24.556	6.303	5,420	72	\$1,735	13	3292	78	82.159
Antelope	13.273	3,568	2.630	42	400	9	85	53	960
Arthur	1.045	569	190	:3	25	1	*	3	*
Banner	1.403	362	250	-3	21	1	*	5	aje
Blaine	1.538	395	280	3	35	1	*	7	÷44
Boone	12,015	3.117	2,290	33	562	10	85	46	701
Box Butte	10,657	2.905	2.450	35	975	ឋ	181	30	972
Boyd	6.045	1,560	1.150	23	263	4	31	50	41:2
Brown	5,953	1.569	1.180	16	329	5	58	20	<b>4</b> 17
Buffalo	23,290	6,506	5.250	65	1.316	19	299	113	2,247
Burt	12.545	3,448	2,580	-544	664	9	114	4:2	890
Butler	13.081	3.617	2.710	45	523	$\mathbf{s}$	52	63	543
Cass	16.967	4.953	3.870	59	827	11	119	55	603
Cedur	15.123	3.732	2.740	30	684	10	103	45	742
Chase	5,201	1,421	1.050	22	308	3	73	25	767
Cherry	9.627	2.449	1.740	30	445	8	96	42	697
Cheyenne	9,464	2,430	1.950	27	689	6	129	47	1,092
Clay	10.417	3.154	2.380	38	344	9	57	49	480
Colfax	10.625	3,039	2.380	26	531	в	68	47	740
Cuming	13,560	3.468	2,560	28	539	8	112	39	879
Custer	22.397	6.126	4.570	67	1.521	19	234	99	1.504
Dakota	9.827	2.549	2,060	32	595	5	59	28	†218
Dawes	10.108	2,838	2.320	30	832	9	143	38	856
Dawson	17.887	4,958	3.840	42	1.278	14	281	81	2,383
Deucl	3.576	927	690	10	155	3	59	19	410
Dixon	10,407	2,763	2,060	29	411	7	62	34	407
Dodge	23,793	6.817	5,700	84	1,733	16	309	114	2,407
Douglas	246,923	68,331	62,550	867	25,294	140	4,674	500	18,973

Count	Popula- tion	Families	Radio		FOOD	•	RUG		MOTIVE
County	-		Homes	Store		Store	s Sales	Stores	Sales
Dandy	$\frac{5.110}{11.396}$	$\frac{1.354}{3.314}$	5 110 990	14	180	•;		21	380
Fillmore	7,725	2,242	1,660	31 25	538 439	î B	144	34	436
Frontier	6.113	1.801	1.310	2.0	215	6	50 38	41 25	330 343
Furna-	10.680	3,008	2,260	+7	610	10	126	55	814
Gage	29 493	; 14GG	6.500	96	1.958	19	421	100	1.924
Garden	4,679	1.245	910	23	256	3	33	18	267
Garfield	3 4 14	893	670	17	168	•2	×	13	259
Gosper	3,684	987	696	;	87	-3	X+	G	÷81
Grant	0.835	340	200	1.1	147	•2	<b>2</b> :	8	†80
Grand III	6.765	1.653	$\frac{1.210}{6.780}$	14 105	233	. 5 12	- G7	2.5	320
Hah Hamilton	21,442 0,962	7,824 2,910	5,780	31	2,246 507	1 '1	377 66	94 35	2 618 506
Hamilton	7,130	1,995	1.480	19	315	4	37	-27	250
Hayes	2.957	7.18	520	:1	71.7			- 8	†85
Hitcheook	6.390	1,721	1,290	21	28-3	4	63	29	388
Пов,	16.525	4,209	3,080	49	713	9	105	GL	851
Hooker	1 253	:3::1	220	6	50	1	*	4	*
Howard	8,414	2,317	1.500	32	368	6	30	35	365
demorson	15.517	4,503	3,620	54	991	10	188	65	1.118
Johnson	8.651	2.463	1.830	34	326	9	79	33	492
Rearney	0.840	$\frac{1.952}{2.160}$	1.440	19	472 568	ō.	58	23	215
Keith	8,337 3,535	791	1,620 560	27 14	505	1	95	47 6	1,452 +22
Keyapaha Kimbati	3.535	1.016	790	13	264		59	19	486
Knox	16.473	4.341	3.190	49	719		118	57	695
Laneaster	100 137	29.024	25,000	333	8,805	53	1.751	252	8,965
Lincoln	25.388	6,762	5.570	7.4	1.948	13	408	89	2.710
Logim	1.7391	454	330	· i	11+5	1	٠	8	78
Loup	1.778	456	3.30	;	in.	1	:	7	÷30
McPlarson	1 175	317	230					_	
Manifection	21 237	6.477	5,330	7.5 3.2	1 552	13	230	109	1.749
Mercel,	9.315 $9.425$	2.640 2.308	$\frac{1.980}{1.710}$	30	517 610	7 5	90 120	57 39	626 445
Morril Name c	7,651	1.945	1.410	15	397	5	47	25	366
Negadia	12,779	3 591	2.860	41	176	- ''	199	46	699
Nuckolls	10,390	2.970	2.310	26	649	9	110	40	451
Oloo	18,969	5.400	4.310	70	1.217	1	196	81	1.338
Pawnee	8, 198	2.349	1.730	3.3	379	ı i	112	38	423
Perkins	5.225	1.350	980	20	315	5	64	:20	657
Phetps	8.448	2,496	1.990	50	649	19	102	40	836
Pierce	10.205	2.690	1,980	26	338		68	10	727
Phile	20.186	$\frac{4,970}{2.457}$	$\frac{3,960}{1.810}$	47 16	1,234	11	215	77	1.394
Polk Redwillow	8.722 $11.936$	3,303	2.730	44	1.008	10	94 176	31 54	$\frac{408}{1,500}$
Richardson	19,136	5.281	4 100	54	1 112	13	256	61	1,483
Rock	3,966	1,012	730	13	127	1.2		50	286
Saline	14.994	4.615	3.580	41	847	11	173	56	884
Surpy	10.829	2.610	1,980	20	283	4	24	32	539
Sumders	17.888	5,152	3.920	50	998	1-1	138	. 83	1.407
Scotts Bluff	33,875	$\frac{8.460}{4.042}$	6 890 3 090	98	2.506	16	546 82	103 69	3.974
Seward	$\frac{14.159}{9.858}$	2.686	2,010	57 37	$\frac{761}{683}$	5	138	47	$\frac{805}{1.187}$
Sheriden Sherman	7,758	2 030	1.480	18	305	15	54	24	†202
Sioux	1 257	1 037	720	7	82	ï	i è	10	÷40
Stanton	6,885	1.862	1.350	11	259	3	23+6	i r	109
Thayer	12,258	3 441	2.590	:316	703	13	1.51	52	688
Thomas	1.549	131	320	. 5	. 85	1		12	. 50
Thurston	10, 253	2,443	1.800	50	301	13 -	79	21	1210
Valley	8,150	2 310	1.710	15 20	345	5	117	25	396
Washington Wayne	01.727	3 201 2 656	$\frac{2.390}{1.960}$	20 20	504 506	+ 13	7" 51	30	589 646
Wayne Webster	8,063	2 366	1.760	26	450	5	56	31	679
Wheeler	2.168	528	380	5	49	1	.,.,	· · · · · · · · · · · · · · · · · · ·	43
Vork	14 850	1 303	3.420	40	876	8	150	50	1.033
TOTAL STATE	1,315,831	360.255	291,850	1,107	\$88,681	818 	816,183	1,182	\$96,829

NEV				Popula Famil Radio					110,014 33,294 31,620
Churchill	5,302	1.562	1,530	10	9429	:3	868	21	\$598
Clark	16,347	4.829	4.430	317	2.081	×	370	85	2.656
Douglas	2.046	599	590	- 6	269	1	Ģ	12	189
Elko	10.844	.; 241	3,060	394	1,096	4	173	50	1.574
Eameralda	1.553	1320	610	6	118	1	*	10	94
Eureka	1.361	161	450	7	141			8	
Humboldt	4.745	1.395	1.350	13	519	õ	•	25	601
ander	1.745	583	570	9	216	1	*	12	293

	Popula-		Radio	I.	00D	DR	<b>r</b> G	AUTO	MOTIVE
County	tion	Families	Homes	Store-	, Sales	Stores	Sales	Stores	≒ales
Lincoln	1.136	1.143	1,110	10	349	.5	7.9	11	÷134
Lyon	1,114	1,201	1.170	17	237	-3	14	19	233
Mineral	2,327	777	760	1 12	228	1	Č.	9	+127
Nye	3,562	1,380	1,350	*21	553	-5	4,1	.10	515
Ormsby	3.209	935	910	7	515	23	86	11	372
Pershing	2,768	866	850	5	18:	1	÷	12	†125
Storey	1 218	395	380	5	1.5 \	1	C:	.3	4
Washoe	32,366	10.027	9.410	109	4,684	14	24	104	†1.706
White Pine	12311	3,280	3,000	2.5	1.54~	4	285	75	1.345
TOTAL STATE	110.011	33,291	31.620	338	813,332	53	82,183	133	\$15,115

<sup>&</sup>quot;Data unavailable Filling Station Sales only.

N. H		MP	SH		RE	Popul Famil Radio			491,524 133,010 121,630
Belknap	21.312	6,742	6.160	111	\$2,918	1.1	8216	84	\$2,006
Carroll	15,468	4,443	4,110	103	1,804	10	227	99	1,436
Cheshire	33,982	9.688	8,850	145	3.477	13	40?	108	2,899
Coos	39,902	9.531	8.760	163	3,908	23	±17	118	2,609
Grafton	44.292	12.242	11.240	157	1.63*	26	841	207	4.319
Hillsborough	144,297	39,341	35.920	749	17.83~	70	1.529	324	10.216
Merrimaek	60.570	15.706	14,420	236	6,041	26	895	210	4,743
Rockingham	58,055	16.515	15.130	342	6.709	.2.3	587	218	4,385
Strafford	43,516	11,832	10,630	990	5,05%	17	432	110	3,354
Sullivan	25,322	6,970	6.410	88	2.434	10	971	60	2.183
TOTAL STATE	191,521	133.010	121,630	2.314	851.817	228	85,907	1,538	\$38,150

NEW	/ J	ER	SE	Y	Popula Famili Radio			. 1	,160,165 ,098,284 ,021,940
Atlantie	124.079	34.769	32,230	802	816,826	80	82,706	339	86 528
Bergen	408,507	110.335	105,370	2,075	15,809	157	4.081	920	29.934
Burlington	904.8336	24,793	22,740	508	8.835	3314	823	266	6 626
Camden	255,867	67.542	62,610	1.471	23,169	127	2.589	176	17,817
Cape May	28.566	8.037	7.970	123	5,991	21	389	180	3,290
Cumberland	72,850	19,885	18,120	367	8.043	25	777	228	5,845
Essex	835,272	221,297	207 500	5,401	103.892	422	12 6 17	1.075	53,853
Gloucester	71.928	19.510	17 900	3330	5.451	26	600	237	4,867
Hudson	649.798	173.196	160,500	4,650	75,367	298	7 265	631	24,542
Hunterdon	36,706	10,430	9,500	194	3,019	1.4	266	149	2.190
Mercer	197,124	48.520	44.600	1.004	23, 224	76	5	374	11.822
Middlesex	216,909	53,995	50,000	1,374	23.737	(51)	2.453	491	15.054
Monmouth	160.212	43,914	40,400	1.003	21,663	84	2,699	494	14,165
Morris	125,268	31.681	29.450	622	13,924	47	1.113	361	9,620
Ocean	37.401	10,976	10.050	2.03	5.69%	30	829	212	3,405
Passaic	309,270	83.919	77.700	2.168	38,391	130	3,548	504	19,100
Salem	41.704	11.296	10.160	212	3,579	10	394	143	3.301
Somerset	73,941	17.064	15.750	358	6.974		649	205	1,753
Sussex	29,506	8,115	7.380	150	2,883	1.1	257	129	3.133
Union	326,720	84,513	79,270	1 959	88,152	116	3,223	610	21,863
Warren	50,098	13,888	12,740	325	4.829	13	14	162	4,353
TOTAL STATE	1,160,165	1,098,281	1.021,910	25.982	8182,115	1.811	850,581	8.195	\$166,593

<sup>\*</sup>Data unavailable.

# NEW MEXICO

 Population
 531,818

 Families
 128,389

 Radio Homes
 78,910

	l'opula-		Radio	1	F00D	DR	1 G	AUTO	HOTIVE
Lounty	tion	Families	Homes	Store	Sales	Stores	Sales	Stores	Sales
Bernalillo	69.315	18.082	13.650	302	\$5.16ti	22	\$1,166	182	\$6,045
Catron	4.868	1,301	660	39	216			11	4.1
Chaves	23,834	6,126	4.460	107	1 463	11	257	90	2.508
Colfax	18.685	4,496	2.930	63	1.054	7	180	74	1,506
Curry	18.007	4,771	3,320	7:1	1,361	5	498	76	1745
De Baca	3,720	934	480	16	143	-5	*	17	118
Dona Ana	30.374	7.282	4,140	108	1,176	15	192	78	1,508
Eddy	24.107	6,075	3,660	53	1.445	ĸ	381	78	2,601
Grant	20,009	4,893	3.010	62	1,291	33	163	49	1.218
Guadalupe	8,600	1,902	1,000	31	229	5	90	44	489
Harding	4,344	1,053	520	Į)	67	5	26	16	†160
Hidalgo	4.802	1,242	670	19	1-19		•	41	703
Lea	21,142	5.709	3,000	61	1,628	13	285	9.5	2,944
Lincoln	8,504	2.130	1.120	48	232	6	7.5	38	509
Luna	6,585	1,705	1.290	22	375	-1	~	19	686
McKinley	23,612	5,320	3,330	46	926	4	196	60	2.316
Mora	10.898	2,402	1,160	42	120	5	3.5	51	49
Ote10	10,509	2,608	1,640	59	658	4	113	<b>!</b> 1	754
Quay	12,040	3,199	2.000	45	759	7	213	63	1,218
Rio Arriba	23,861	5.516	2,780	74	426	2	*	26	372
Roosevelt	14.509	3.627	2.020	53	682	9	124	38	921
Sandoval	13.783	3,200	1,620	51	220	-1	31	1.1	78
San Juan	17.082	3,750	1,890	40	490	4	67	21	493
San Miguel	27.857	6,332	4.040	129	1.179	5	174	49	1,123
Santa Fe	30,573	6,888	4.980	100	2,230	65	342	59	2,295
Sierra	6,933	1,923	1,030	27	354	3	86	36	234
Socorro	11.399	2,681	1.440	46	358	-33	68	4.5	469
Taos	18.442	3,897	2.030	67	419	-3	74	31	376
Torrance	11.020	2,610	1,360	35	201	3	35	44	350
Union	9,068	2,344	1,320	50	519	5	£1	4:3	572
Valencia	20.235	4,411	2,310	5×	366	6	43	53	544
TOTAL STATE	531,818	128,389	78,910	1,931	\$26,211	172	\$5,216	1,567	\$35,995

<sup>\*</sup>Data unavailable. \*Filling Station Sales only.

NEW	V Y	<b>70</b> [	RK	Poj Fai Rad	oulation nilies dio Hom			3,	,479,142 ,663,373 ,405,680
Albany		62.817	58,600	1,379	\$25,529	:14	82.663	443	\$16,736
Allegany		11.190	9,990	150	3.041	19	325	110	2,999
Bronx		375.883	360,000	8.967	157,538	611	10.246	628	29,285
Broome	165,223	43,651	40.050	680	16,343	4.2	1,994	388	13.028
Cattaraugus	79,978	19,941	18.020	::314	6.544	35	880	214	6,319
Cayuga	65,392	18.079	76,300	236	6,263	3.3	665	199	4,478
Chantanona	$\frac{123.154}{73.713}$	35.942	32 600	631	11.520	43	1,184	342	9.189
Cheming		20.461 $10.297$	18,750	369	7,803	32	989	209	6,966
Chenango	36,146	10.297	9,150 10,630	144	3,279	17	258	171	3,248
Clinton	52.175 $41.366$			195	4.000	1 +	652	199	3,466
Columbia .		11.753	10 600	235	3,963	1.5	258	203	3.017
Cortland	32,893	9,863	8,710	158	3,411	13	378	114	2.977
Delaware .	10.851	11.116	10 210	179	3,183	2.0	382	216	4,410
Dutchess	118.413	28.195	010,59	579	15,035	50	1.444	325	9,911
Eric		208.822	193,600	1.117	81,683	339	9.343	1.367	52,845
Essex		8.622	7.750	135	3.542	1:0	381	167	3,214
Franklm		11.186	0.960	212	1.121	19	124	18.2	3.415
Fulton		14.645	13,380	??5	5.282	50	502	144	4.192
Gruesee		11.827	10,670	151	3.483	14	443	154	4,127
Greene	27,855	8 192	7.350	191	2.771	1:+	298	159	2.086
Hamilton		1.191	1.090	20	3923	4	20	44	†279
Herkimer	59,404	16,399	14,700	270	5,135	28	467	51.5	4,136
Jefferson ,	82,936	23,160	20,930	416	7,483	30	814	309	0,987
Kings		711.694	668.500		389 634	1,487	22,015	1.306	67,129
Lewis		5.942	5.240	97	1.433	10	94	82	1.395
Livingston		9.513	8,580	1.5.1	2.708	LG	294	171	3.497
Madison		11,363	10.150	i 74	3,126	18	445	154	4,231
Monroe	137,027	101 275	113.150	2 060	47.790	161	6.133	848	36.071
Montgomery		16.489	14.900	325	6,331	-361	737	145	3.560
Nassau	404,888	108.187	101.650	1.870	58.473	20.5	5,827	1,080	39.977
New York		545,870	502,500		237.996	1.126	41,895	546	64.072
Niagara	158,749	12,094	38.400	748	16.181	60	1,897	334	12,084
Oneida	203,774	52,924	48,630	989	19.411	7.5	1,693	480	13,060
Onondaga	294,701	80, 196	54,200	1.209	30,640	1.52	3.813	616	23,100
Ontario	$55,\!115$	14.867	13.880	212	5.067	18	476	178	4.343
Orange	139.479	37 219	34.050	760	16.193	76	1.720	422	13,508

	Popula-		Radio		GOOD	DE	et G	АГТО	MOTIVE
County	tion	Families	Homes	Store	s Sales	Stores	Sales	Stores	Sales
Orlean-	27,708	7,996	7,120	118	2 225	11	165	:)4	1 637
Oswere	11.084	19 528	17,500	319	5.426	34	565	211	4.592
Otsego	45.875	13.506	12,100	207	4.207	1 -	151	193	3.857
Putnam	16 175	1 130	1 050	90	2.286	9	230	7:3	†374
Queen	1,291,314	371,728	352,500	6,934	160,552	695	13.044	1 1:51	56 798
Rensselaer	121.518	33 583	30.400	694	12 232	4:3	1.192	302	5.493
Richmond	171.215	43.183	40,550	010,1	18,950	86	1,602	228	8 254
Rockfand	14.076	16.504	15 310	315	7 9 2 1	333	827	1:01	5,210
St. Lawrence .	90.868	22 927	20,300	4***!	7,362	30	411513	335	0,520
Saratoga	65,468	18,228	16 600	371	6.441	.27	713	233	1.103
Schenectady	121,048	34,817	32 300	570	13,741	48	1,667	273	9.843
Schoharie	20,787	6.150	5.420	82	1.590	11	1 45-4	102	1,783
Schugler	12.806	3,760	3 400	533	1.006	4	64	68	936
Sepera	23,652	6,036	5,350	903	1,546	9	132	50	1.516
∸ti ubi n	81.630	23 069	20.810	.: 1 1	7.181	33.65	931	250	6,390
Suffolk	195.540	47.437	43,800	1.064	27, 3010	101	2.441	8.21	19 608
Sullivan .	37.685	10.801	9 700	383	5.762	39	600	266	4,246
Tioga	26,958	7.860	6,950	105	2,069	14	168	108	1 188
Tompkin-	12.212	12.224	11.050	175	4.580	13	517	130	3,651
Ulster	86,764	24,1576	22,350	513	9,398	411	862	342	6,451
Warren	35.856	10.416	9,500	173	4.759	2:;	609	1.141	3 962
Washington	46,666	12 363	11.050	241	3 583	24	41.5	151	1,931
Wayne	52,669	15 043	13,400	184	3.685	20	350	1.5.1	3 872
Westchester	571,277	117.509	139.500	2 675	87,808	208	8,826	1,153	52.399
Wyomina		8,229	7,310	135	2.193	10	2.08	95	2,176
	16,338	1.958	1.380	6.5	1.269	6	89	55	921
TOTAL STATE 1	3,179,142	3,663,373	3,105,680	11.35881	,521,198	6,620 \$	159,637	20,106	\$706,875

7	F) I	1112	 at t	LOD	 onti	٠.

N. C	AR				Fan	oulation nilies lio Ho		,	571,623 786,416 438,960
• •								••	100,000
Alamano	57,266	12.972	7.410	176	83,130	20	5552	184	54,436
Alexander	13,540	2.908	1 340	32	93	4	62	26	453
Alleghany	8,348	2,008	860	223	32	1	*	3-4-	273
Anson	28.412	5.963	2,900	7.3	814	ō	80	68	996
Ashe	22.622	4.893	2.120	7.4	111	.2	**	337	466
Avery	13.552	2,779	1,280	39	98	1	*	25	÷1:2:2
Beautort	36,368	8,147	4,260	150	1,436	11	182	104	1,214
Bertie	26.196	5,361	2.450	66	384	5	59	78	965
Bladen	27,144	5,607	2,580	63	518	5	72	(51)	909
Brunswick	16,770	3,673	1.760	85	372	õ	40	51	398
Buncombe	108,648	25.951	17.550	373	6.934	4:3	1.388	225	6,936
Burke	38,649	7,761	4,130	152	1.326	- 7	197	():3	1,418
Cabarrus	59.331	13,282	7,400	200	3,257	15	517	154	3,935
Caldwell	35,799	7.638	4.120	135	1.199	7	1:03	86	1,780
Camden	5,439	1.271	580	4.5	136	Ţ	*	10	55
Carteret	18.266	4.259	2,470	95	1,084	4	154	17	625
Caswell	20.061	3,917	1,700	:21	179	- 2	*	58	÷265
Catawba	51.635	11,635	6.540	149	2,031	15	319	143	3,097
Chatham	24.616	5,361	2.470	7.1	511	5	63	8.2	1,212
Cheroken	18.865	4.024	1.880	5.8	3116	3	79	23	639
Chowan	11.569	2.535	1,390	4.5	4.23	:3	65	3.3	381
Clay	6,401	1,403	620	::1	36	1	+	5	29
Cleveland	58.028	12,460	6,810	142	1.786	1.5	284	118	2,373
Columbus	45.635	9,800	4.520	89	1,084	()	185	175	1.979
Craven	31.587	7.383	4,330	143	1.304	10	313	106	1,592
Cumberland .	56.606	11 567	6,119	157	2.051	9	310	137	2,663
Curretuck	6.085	1.664	770	28	110	1	×	.;;,	135
Dare	5 881	1.157	780	5.3	258	1	*	24	169
Davidson	53,470	12.046	6.950	1318	2.234	8	305	154	2,681
Davie	14.935	3.335	1,550	4 '2	284	3	61	45	565
Duplin	39,770	8.675	3.950	154	878	9	133	94	-1.050
Durham	79 735	19 823	15.000	3:21	4.682	29	0.000	177	6.051
Edgecombe	49.060	10.321	5.840	194	2.080	12	185	(51)	1,606
Forsyth	126.471	30.837	22.080	538	6,242	<b>4</b> ()	1,254	277	8.231
Franklin	30,380	6.511	2.960	89	611	7	128	66	592
Gaston	87.559	19.575	11.380	295	4.642	25	570	163	3.911
Gates	9,957	2.096	940	36	176	_		24	†135
Graham	6.407	1.305	610	16	21	2	•	6	•
Granville	29.333	6.188	3,060	80	713	6	167	63	1,049

County	Popula- tion	Families	Radio Hames	Stor	FOOD	1 Store	ORUG Sales	AUTO	MOTIVE
Greene	18 139	3.530	1.540	32	193	Store	- Sales		Sales
Guilford	152,218	36,618	\$6,750	476	9,019	51	1 6 9 9	54	÷293
Haldax	55,905	11.121	5,600	192	2.166	17	1,863	388	11.769
Hamett	44.231	9.200	4,520	114	1,159	10	319	101	2.232
Haswood	34.719	7.624	4,050	96		9	253	1:35	1.737
Henderson	26.049	6,305	3,410	1515	79 <b>7</b> 1,232	5	248	62	1.067
Hertford	19,268	4,000	1.850	61	1, 13.		221	83	1,713
Hoke	15.053	2.917	1,300	24	544		(31)	53	876
Hyde	7,800	1,711	800	54	107	-:		31	†256
Iredel'	50 444	11.415	6,530	17.3	1 732	1.5	300	16 163	106
Lek-on	19.354	3,993	1.850	41	280	1.0	3(11)	31	611
Johnston	63.703	13 705	6,350	154	1.152	20	262	175	2.020
fones	10,925	2.174	980	338	210	- 1	-17-	99	251
Lee	18.933	1118	2,240	17	835		163	66	1.183
Lenair	41.286	8.827	4 940	136	1.388	11	332	107	2,051
Lincoln	21.186	5 149	2400	14	11019	1	90	69	1.141
McDowell	23,401	5.018	2.510	54	685	ŕ	138	68	963
Macon	15.894	3.489	1.610	65	336	3	73	24	502
Madison	22 165	4.846	2.130	115	-2:27	4	57	52	516
Martin	26,094	5.132	2.510	59	461	4	106	88	1.169
Mecklenbur_	149.791	35 112	25 820	161	9.030	58	2.138	285	12.034
Mitchell	15,955	3,386	1.540	338	121	-3	45	19	493
Montgomery	16.281	3.584	1 110	51	532	1;	69	41	833
Mores	30.848	6.723	3 440	79	1.263	11	207	95	1,360
Nash	55.994	11 796	6.230	150	2.013	15	466	126	1.865
New Hanover	47.749	11.804	8.550	265	3 086	15	779	120	3.332
Northampton	28 324	5,3524	2.530	.57	:3:34	f i	81	58	1286
Ouslaw	17 922	3.81.4	1.720	90	508	:3	54	37	†313
Orange	23,004	5 240	2,730	64	870	;	150	60	1.152
Panho	9,777	2 176	1 060	49	230	_	_	12	\$403
Pasquotank	20 775	4.932	3.110	130	1,279	4	118	53	1,334
Pende"	17 701	3 755	1 730	60	357	.5		47	348
Pergunaans	11.7/15	2.275	040,1	45	270	;2	0	34	470
Person	25 009	5.113	$^{1500}$	63	633	ā	1:3.5	57	856
P 11	61.237	12 673	6,540	150	1,806	1 1	270	187	3,133
Polk	11.884	2.680	1.270	::5	272	4	70	20	÷172
Randolph	44.685	10.078	5.010	129	1.157	10	204	130	2,127
Richmond	38,957	1.911	4,300	100	1,375	65	137	59	1.295
Robeson	76 807	15 733	7 190	144)	2,045	16	385	232	3,105
Rockington	55 914	12,992	6,710	197	2.580	13	388	184	2.888
Rowan	69 619	16,302	9.740	1302	3,466	17	620	187	4 404
Rutherford	45.562	9,958	5.080	104	1.298	10	193	144	1.935
Sampson	47.403	0.750	4.490	159	1.083	11	163	112	1.767
Scotland	23,281	1.018	2.500	96	828	į,	117	61	$\frac{827}{2.045}$
Stanly	22.647	7 554 4 851	2,170	94 61	1.058	.,	215	87 46	2.04a †225
Stokes	41.748	9 161	4 370	161	1 333	ıi	284	100	1.927
Swain	12,160	2.418	1.170	36	204	1.5	-7-3	15	7122
Transylvania	13,550	20162	1.320	31	4:29	:3	99	14	391
Tyrrel	5,789	1.209	570	28	99		****	10	53
Union	59 113	5.455	4.200	140	902		167	85	1.360
Vance	20.949	6 259	3.350	111	1.101	9	202	75	1,637
Wake	109,467	24,250	14.950	379	+ 855	1.5	1.508	256	8.795
Warren	23,052	4,523	2.030	73	472	4	75	5.5	664
Washington	12.331	2.504	1.250	58	3332	3	+5	28	426
Watanga	18,084	3.852	1,730	:319	222	3	(1)	43	678
Wayne	58 201	12.024	4,860	143]	1.802	16	321	203	3 011
Wilkes	12.913	9,051	4.260	149	7:20	11	144	87	1.575
Wil-un	50.156	11.038	6.180	149	1.633	16	378	132	7.545
Yadkin	20.728	4.668	2,490	53	155	J	•	53	1282
Yarcey	17,203	3.589	1.620	1.	110	.3	2	27	156
TOTAL STATE:	3,571.623	786,116	138,960	11,319	8129,153	915	821.071	8,781	\$172,181

"Data unavailable, " †Fillin- Station Sales only.

N. D.	AK		TA	Far	oulation milies lio Homes				641,935 152,039 118,080
Adams	4.666	1 140	830	11	8213	:}	829	17	\$335
Barnes	17,799	4.456	3.550	65	959	8	143	7.2	1,237
Benson	12.631	15.	2.050	37	498	fi	65	32	†191
Billings	2,530	560	410	8	61				4:
Bottineau	13,278	3 348	2 140	4.5	489	7	98	46	617
Bowman	3 862	1.034	750	11	231	4	54	:24	338
Burke	7 17417	1.990	1.450	34	334	G	52	25	
Burkeigh	22.372	5.581	1.750	59	1.580	•,,			369
Cass	52,442	13 336	12 400	168	3.850	200	391	58	2.704
Cavalier	13.888	3.121	2.280	35		30	694	1:34	5.967
	9.682				476	8	100	46	619
Diekey	0.081	2 375	1710	35	584	4	70	35	544
			270						

	Popula-		Radio	ŀ	FOOD	DR	ľĠ	AUTO	MOTIVE
County	tion	Families	Homes	Stores	· Sale-	Stores.	Sales.	Stores	Sales
Divide	7.083	1,872	1.360	19	305	4	4.5	1.5	241
Dunn	8,366	1,686	1.240	:21	211	33	18	1/3	172
Eddy	5.744	1.363	990	13	25.4	+	48	23	478
Emmon∗	11.707	2,236	1.650	21	357	33	21	28	287
Foster	5.821	1.392	1.020	23	373	-2	4-	25	493
Golden Valley	3.186	895	+5330	15	276	:}		16	223
Grand Forks	34,521	8 625	7.290	104	1.185	1-2	401	7.7	3,878
Grant	8.265	1.794	1.310	18	213	-33	14	19	†150
Griggs	5.855	1,410	1.030	19	210	:3	36	20	192
Hettinger	7.472	1.620	1.180	20	309	:2	25	23	393
Kidder	6,689	1.505	1.100	16	112	1	**	31	258
La Moure	10.296	2,369	1,730	29	35"	4	4.5	38	413
Logan	7,558	1.569	1.140	11	77	;		:27	7206
McHenry	14,040	3,359	2.460	51	665	7	81	51	458
McIntosh	8,983	1,995	1.460	11	£.9	:3	26	27	27.1
McKenzie	8.428	2.170	1.590	50	31301	:1	69	2.5	290
McLean	16.084	3,808	2.780	4 L	535	G	>1	(1.7	554
Mercer	9.603	2,028	1.180	13	123	- 33	44	28	460
Morton	20.155	4 486	3.520	52	948	ī	186	54	1.113
Mountrail	10.483	2.679	1.960	37	300	5	7,91	41	602
Nelson	9.124	2.202	1,610	.5.7	150	+i	89	348	4 2 7
Oliver	3,853	838	600	8	4 8	i	U	15	*23
Pembina	15.666	3.625	2.650	57	657	£1	129	5.5	837
Pierce	9.145	2,000	1.460	1.5	289	-5		29	491
Ramsey	15.588	3,728	2.970	4.5	1,030	ti	149	57	1.474
Ranson	10.154	2.441	1.770	:3:3	531	5	168	333	595
Renville	5.534	1.458	1,060	16	250	-2	***	2.5	290
Richland	20.695	4 880	3,130	5.5	913	10	139	55	1,599
Rolette	12.282	2.676	1.950	25	398	+	7.2	32	630
Sargent	8,886	2 128	1.540	27	230	1	-29	28	*196
Sheridan	6,633	1.482	1.090	16	112	• 2	7.	18	129
Stoux	4.412	944	650	8	1:14		_	1;	÷47
Slope	2.921	752	550	141	639			4	30
Stark	15,397	3.397	2.700	29	759	6	143	3.5	1.025
Steele	6.149	1.438	1.040	1.2	200	3	-2.1	19	214
Stutsman	22,480	5.155	4.150	50	1.139	8	158	7.5	1.861
Towner	7.196	1.762	1 300	19	3309	5	63	28	**389
Traill	12.054	2.889	2,100	35	502	7	84	38	692
Walsh	20,766	4.547	3,450	47	780	:•	159	56	1,039
Ward	31.878	8.140	6.800	103	2187	1.1	568	107	3 060
Wells	11.186	2.681	1.960	31	451	5	7.13	4.5	550
Williams	16.236	4 306	3,350	53	806	8	129	57	1.391
TOTAL STATE	611,935	152,039	118,080	1,786	829,815	266	85,213	1.992	811,150

OHI		Popula Famil Radio		6,907,612 1,894,897 1,748,870					
Adams	21,703	5,891	5 220	8.3	5943		885	78	8759
Allen	73,280	20.239	18,630	12317	5.413	35	933	201	5.846
Ashland	29,956	8,639	7,880	87	2.158	1.2	225	104	2.811
Ashtabula	68.436	19,127	17 790	274	5.894	23	493	234	5,843
Athens	46,142	12.304	11.150	202	3, 298	15	349	1:34	2.953
Aughtize	27.921	7.894	7.070	113	1.713	1 *2	163	95	1,727
Belmant	95.513	24.027	22,900	485	7.240	-26	507	210	3,999
Brown	21.641	6.251	5.580	3.8	928		96	79	1.038
Butler	120.315	32.505	30 130	521	11.077	:37	1.361	217	7.560
Carroll	17.105	4.615	4.190	59	7.80	5	114	84	1.013
Champaign	25, 249	7.212	6.520	105	1.621	1.3	3116	:11	2.116
Clark	95.716	26,652	24,630	169	9.284	32	1.175	204	6,220
Clermont	34.118	9.726	8 890	167	2.158	1-4	206	113	1.863
Clinton	22.632	6.823	6.150	103	1.654	10	1.1.1	95	1.6339
Coltímbiana	88.277	24.531	22,670	.1935	8 427	39	1.011	303	7.117
Coshocton	30.566	8.734	7,880	151	2.121	:)	-2:37	111	1.887
Crawford	35,565	10,365	9 170	1-4:5	2 637	14		113	2,691
Cuyahoga	1.216,529	336,569	316,370	6,316	125,562	15610	19.692	2.015	84.461
Darke	38,785	11.143	9,950	138	2.287	14	350	141	2,439
Defiance	24,318	6.854	6.130	86	1.709	9	165	94	2.071
Delaware	26,733	7.449	6670	99	1.536	:		114	1.859
Erie	42.878	11.961	10,980	180	3,835	24	607	119	3.370
Fairfield	48,386	13,292	12,100	185	3.389	16	362	144	2,967
Payette	21,365	6.073	5,400	:•1	1.511	:	139	60	1,699

County	Popula- tion	Families	Radio Homes	Store	FOOD es Sales	DR Stores	UG Sales	AUTO Stores	MOTIVE Sales
Franklin	387,397	105.700	98.300	1.623	38.847	220	6.662	821	35,058
Fulton	23.582	6,796	6.110	76	1,544	9	168	97	2,477
Gallia	24.004	6 037	5,330	77	1,000	3	63	62	1,172
Geauga	19.398	5.159	4.640	47	1.116	6	100	73	1.192
Greene	35.866	9.784	8,920	115	2.441	11	307	91	1.972
Guernsey	38.645	10.980	9.940	181	2,488	10	250	138	2,090
Hamilton	620,053	180.83៩	138.360	-3.129	68.635	361	10.165	1.013	43,897
Hancock	40,713	11.859	10.750	145	3,110	10	329	126	2,943
Hardin	27.007	7.966	7.150	101	1,793	12	226	94	1,605
Harrison	20.297	5.527	5,030	7.3	1,177	8	. 66	65	873
Henry	22.780	6.326	5.670	63	1.341	8 9	161	96	1.684
Highland Hocking	27,084 21,489	$\frac{7,980}{5.730}$	$\frac{7,110}{5,180}$	126 72	$\frac{1.949}{1.264}$	9 5	177 122	97 73	$\frac{1.478}{1.184}$
Hocking Holmes	17.869	4.521	4.070	32	581	4	83	45	654
Huron	34,665	9,925	9,060	126	2,336	$13^{-}$	321	135	2,953
Jackson	27.096	7.077	6.200	tus	1,791	ë	142	69	1,718
Jefferson	98,025	24.570	22,890	460	8,729	31	1,121	203	8.023
Kuox	30.932	9.158	8,340	103	2,005	8	251	114	2,367
Lake	48,488	13.883	15.000	180	5,092	15	625	1 ಚ4	4,210
Lawrence	46,682	11,422	10,330	206	2.414	8	50.5	92	2.165
Licking	62.111	18 298	16.720	275	5.118	19	550	193	4,414
Logan	29,572	8.028	$\frac{7.890}{27.630}$	133	2.104	13	159	114	$\frac{2,107}{7,903}$
Lucas	412.155 $342.184$	30.195 $96,044$	\$9,420	$\frac{485}{1,335}$	$\frac{10.552}{34.131}$	$\frac{33}{154}$	$\frac{1,145}{5.900}$	468 663	$\frac{7,903}{28,817}$
Lucas Madison	21,828	5,446	4,910	72	1,628	10+	138	73	1,591
Mahonme	240 127	59,039	55.080	$94\tilde{1}$	22.140	82	2.423	472	19,523
Marion	44.932	12.708	11.090	177	3.588	16	465	128	3.006
Medina	32,857	9.303	8.480	127	2.114	10	293	132	3,779
Meig	24.037	6,705	5,990	109	1.278	- 8	135	67	1,377
Mercer	25.338	6.637	5.930	81	1.313	<b>£1</b>	133	92	1,717
Miami , ,	52,537	15.085	13.790	203	4.306	16	584	159	4,107
Monroe	18.626	4.902	4.300	174	650	3	23	43	382
Montgowery	296,154	81,944	76,210	1.181	28,394	107	1.503	560	22,398
Morgan	14.227	3.975	3,560	40	597	5	51	40	568
Morrow	15,609 $69,576$	$\frac{4.560}{19.769}$	$\frac{4.070}{18,500}$	42 312	682 5,725	3 26	$\frac{38}{879}$	52 192	735 5,655
Muskingum Noble	14.584	4,033	3.610	43	479	30	0/11	44	538
Ottawa	24,305	6,887	6,330	100	2.046	8	139	100	2,013
Paulding	15,600	4.408	3.980	03	836	8	81	64	1,306
Perry	31.049	8,349	7,620	126	1,908	8	151	80	1,716
Piekaway	27,862	6.947	6.180	100	1.431	ĩ	138	70	1,447
Pike	16.108	a.909	3.500	79	689	:3	29	40	550
Portage	46,598	19,790	11.700	149	3,510	10	315	142	3,525
Preble	23 326	6.761	6 080	91	1.456	×	107	86	1.546
Putnam	24,996	6.528	5,920	92	1,104	13	111	97	1,442
Righburd	78.648 52,079	$19.991 \\ 13.075$	$\frac{16.800}{11.850}$	258 179	$6.186 \\ 3.343$	18 26	801 511	$\frac{170}{169}$	$\frac{5,614}{3,105}$
Sandusky	40,946	11,778	10,660	151	3,108	1+	361	132	3.388
Scioto	86 560	21,620	19,990	385	5,823	26	677	186	4.612
Sencea	48 326	13,173	12 100	175	3.815	21	443	148	3,265
Shelby	26,047	7,015	6 320	150	1,840	10	188	83	1,788
Stack	234,002	61.824	57,590	919	21.812	76	2,622	572	18,514
Summii	335 978	91.343	85,040	1.369	34,153	140	4.506	739	26.033
Trumbult	131.191	33,561	31,140	463	11,181	40	1.146	334	8,219
Tuscarawa Union	68,698	18.700	16,700	284	5.478	26 7	$\frac{537}{100}$	233 82	5.084
Union	$\frac{19,980}{26.751}$	5,567 7,685	4,980 6,890	74 90	1,107 1,741	ģ	179	85	$\frac{1,386}{1,811}$
Vinton	11.871	2.958	2 660	39	394	2	7 151	27	276
Warren	29,991	8,248	7,440	113	2.012	10	193	ก๊ร	1.587
Washington	48,460	12,155	11,050	155	2,370	12	307	142	2,705
Wayne	50,428	13,280	12.700	175	3,219	19	459	168	4,368
Williams	25,439	7.640	6.860	93	1.779	12	196	108	2,076
Wood	51,737	14 604	13,390	202	3.700	23	290	505	3.559
Wyandot	19,212	5,4:17	4.850	50	1.108		151		1.554
TOTAL STATE	6,907,612	1,891,897	1,718,870	29,612	\$609,065	2,825	\$83,003	16,175	\$491,863

<sup>\*</sup> Data umavailable,

OKL	AF		M/	1	Popula Familio Radio	es		<b>2</b>	,336,434 609,094 450,390
Adam	15.717	3,620	2.340	4.5	\$257	5	\$75	33	\$287
Alfalía	14.121	3.957	2.600	33	560	1.5	175	59	724
Atok	17.532	4,384	2.830	79	53 <b>4</b>	4	5:2	31	484
Beaver	8.643	2.350	1.500	33	300	2	₹	:359	296
Beekham	22,165	6,036	4,270	GG	1.212	11	189	125	1,430
Blaine	18.520	4.85	3.190	54	829	13	189	81	1.152
Bryan	38,130	9,348	6,290	143	1,551	1-4	232	77	1.891
Caddo	41.541	10.471	7.000	107	1,862	20	305	154	2,210

County	Popula- tion	Families	Kadio Homes	Stor	FOOD	1 Store	DRUG S Sales	AUT0 Stores	MOTIVE Sales
Canadian	27.311	6.950	5.010	66	1.432	10	269	113	1.918
Carter	43,221	11,244	8,300	193	2,000	18	476	143	2,033
Cherokee	20,885	4.908	3,120	57	431	5	99	35	594
Choctaw	28,354	6.992	4.650	73	750	8	124	60	827
Cimarron	3,655	1.022	670	13	197	3 16	∷1 434	23 85	306 1,280
Cleveland	$\frac{27,727}{12,805}$	$6,858 \\ 3,145$	$\frac{5,200}{2,070}$	61 35	$\frac{1,484}{356}$	4	404	33	405
Coal	38,876	9,228	6,750	118	1.944	17	386	121	3.040
Cotton	12,884	3,367	2,180	35	424	- 6	65	54	711
Craig	20,669	4.879	3.280	56	633	6	90	69	1,262
Creek	55.408	14.569	10,600	194	2,926	26	485	194	3.212
Custer	23.054	6,060	4.260	68	1,228	1.2	258	109	1.900
Delaware	18.577	4.519	2,830	55	226	5	39	50	†147
Dewey	11.968	3.183	2.040	35	452	10	84	69	611
Ellis	8.447	2.354	1.540	17	320	7	65	38	577
Garfield	45.450	12,923	10,330	138	2.994	18	797	179	4,299
Garvin	31,115	7.700	5,140	152	1,343	18	226	$\frac{104}{145}$	$\frac{1.313}{2.264}$
Grady	$\frac{41,114}{13,120}$	$\frac{10,760}{3,813}$	7,600 2,480	140 41	$\frac{1.657}{673}$	19 10	347 126	55	569
_	14,540	3.670	2,540	52	722	8	109	58	÷339
Greer Harmon	10,013	2.576	1.730	26	253	5	67	31	156
Harper	6.452	1.738	1.130	19	280	5	63	32	247
Haskell	17,316	3.963	2,540	46	306	5	67	3:2	425
Hughes	29,106	7.003	4.880	73	1.025	133	204	7:3	983
Jackson	22,697	6.147	4.340	85	1.040	1:1	189	92	1.477
Jefferson	15.112	3,836	2,530	42	559	1 ()	94	62	688
Johnston	15.996	3,920	2.560	44	378		58	43	329
Kay	47,040	13,218	10,490	145 41	3,473	22	$\frac{786}{148}$	172 69	$\frac{4.093}{1.326}$
Kingfisher	$\frac{15.531}{22,796}$	$\frac{4,209}{6,167}$	$\frac{2,830}{4.190}$	71	$\frac{770}{1,135}$	11	226	102	1.202
Latimer	12,376	2.979	1.990	49	262	-1	7	29	297
Le Flore	45,945	10,963	7,310	148	1.157	15	168	101	1,298
Lincoln	29,513	7,722	5,100	86	850	17	149	79	1,052
Logan	25,192	7.042	5,050	82	1.287	145	265	92	1.771
Love	11.431	2.768	1,770	47	384	5	53	332	154
McClain	19.274	4.618	3.010	60	584	9	135	7.5	529
McCurtam	41.316	9,739	6,390	116	827	8	135	71 31	697
McIntosh	24.064	5,352	3,430	51 37	544 401	10 5	115 69	61	628
Major	$\frac{11,935}{12,380}$	$\frac{3,187}{2,981}$	2,040 1,940	50 50	477	3	715	28	388
Marshall	21,672	5.422	3,500	95	508	12	165	79	794
Murray	14,539	3,334	2,370	69	575	9	129	53	726
Muskogee	65.965	16,991	12.810	269	3,103	30	851	187	3.842
Noble	14.815	4,066	2,850	433	701	10	123	66	915
Nowata	15.773	4.182	2.820	43	884	4	91	46	704
Okfuskec	26.254	6.261	4,200	80	795	1:3	131	81 883	813
Oklahoma Okmulgee	$244.190 \\ 50.075$	69,732 $12,932$	61,700 9,540	90 <b>4</b> 192	$\frac{16,076}{2,608}$	J <del>1</del> 1 :21	$\frac{5,666}{416}$	150	24.118 2.844
Osage	41,306	10,745	7,750	128	2,353	20	352	164	2,795
Oitawa	35,736	9.938	7,260	14:2	1,999	17	343	96	1,723
Pawnee	17.358	4.577	3,200	53	759	. 9	129	69	696
Payne	35,774	9.858	7.360	134	2,396	17	416	161	2.785
Pittsburg	46.129	11.590	8,140	155	1,961	21	341	135	2,591
Pontotoe	39,714	10.138	7 290	168	2.050	21	430 674	$\frac{114}{167}$	$\frac{3,384}{3.823}$
Pottawatomic	$\frac{54.358}{19.463}$	$\frac{14,089}{4.639}$	10,550 2,990	$\frac{245}{56}$	$\frac{2.517}{400}$	5 5	96	24	4.35
Roger Mills	10.731	2,844	1.800	42	503	7	32	35	378
Rogers	21.064	5,444	3,680	80	851	9	147	94	835
Seminale	60.516	15,046	10,960	235	3,144	26	576	179	5,014
Sequeyah	23.141	5.244	3,340	57	272	6	0.5	55	408
Stephens	31.073	8,013	5.760	106	1.532	11	293	130	1.820
Texas	9.884	2,742	1.820	33	578	. 7	155	64	1,288
Tillman	20,739	5.646	3,840	77	834	11	170	85 566	866
Tulsa	192,930	54.500	47,400	735 70	1±,020 522	118	3.957 86	48	18,670 $482$
Wagoner	$21.636 \\ 30.530$	$\frac{5.128}{8.614}$	$\frac{3.350}{6.710}$	93	2 304	14	440	87	2.195
Washington Washita	22.264	5,804	3,800	46	800	11	117	81	1.003
Woods	14,902	4.250	3,060	49	919	10	193	72	1,200
Woodward	16,243	4.035	2.880	39	1.018	10	1633	71	1,716
TOTAL STATE,	2,336,434	609,091	150,390	7.921	\$112,117	1.135	\$25,700	7,190	\$114,070

<sup>\*</sup>Data unavailable. †Filling Station Sales only.

# **OREGON**

Population	 	1,089,684
Families		335,944
Radio Homes	 	320,780

9.900,180

	Popula-		Radio		FOOD	1) 1	RUG	AUTO	MOTIVE
County	tion	Families	Homes	Stor		Stores	Sales	Stores	Sales
Baker	18,259	5.394	5.110	7.8	\$1.769	£0	8271	69	\$2,026
Benton	18,607	5,735	5.490	67	2 016	10	176	58	2.195
Clackamas	56.846	17.595	17.100	177	3.611	20	465	169	3,396
Clatsop	54.54K	7.561	7,110	119	2.945	14	350	80	2.421
Columbia	20,689	6.191	5.960	654)	1,4366	1.3	178	66	1.287
Coos	32,341	10.055	9.560	157	3,563	16	409	97	3,115
Crook	5 510	1.583	1.540	1 4	176	23	N7	11	308
Curry	4.391	1.391	1.360	23	430	4	40	229	÷243
Deschutes	18.634	5.576	5.250	60	1.995	5)	294	(39)	2.720
Douglas	25.622	7.815	7,550	113	2.010	15	217	1239	2.265
Gilliam	2.830	822	800	16	232	-3	40	18	526
Grant	6.354	1.906	1.860	12.1	374	.5	450		580
Harney	5,358	1.494	1.420	13	5+8	:;	81	.1.3	902
Hood River	11.534	3.398	3 270	17	1.218	.5	1:54	4.:	881
Jackson	35.843	11.296	10,800	118	3.341	1:3	4.50	136	3.306
Jefferson	2.039	62.2	600	(1)	125	-2		7	†51
Josephine	16.239	5.241	4,980	54	1,385	7	157	83	1.514
Klamath	40,366	11,900	11.400	139	-1.600	21	625	125	6.121
Lake	6.280	1,928	1.870	1.8	553	.2	23	21	660
Lane	69,020	20,903	20.100	265	5.769	1237	790	247	6.707
Lincoln	1+.457	4.643	4.530	99	1,373	51	1403	88	1,060
Linn	30,465	9.162	8,840	9.5	1.756	15	228	106	2,103
Malheur	19.756	5,197	5,060	58	1,177	10	191	6.5	1.252
Marion	75,128	20,848	20,020	275	6.365	3.2	GOS	535	0.725
Morrow	4.310	1 231	1.200	20	260	- 3	32	18	324
Multnomah	355 436	116.580	110,000	1.658	39,860	206	6.351	815	37.045
Polk	19.855	5.843	5,640	7.3	1.037	!)	85	64	1,067
Sherman	2.328	747	720	11	157	- 5		13	÷112
Tillamook	12,200	3.771	3,620	711	1.039	8	162	58	1 045
Umatilla	25,079	7.458	7.190	89	2.044	166	34.5	104	2.729
Tnion	17.072	5 318	5.090	84	1.576	Ω	250	56	1.729
Wallowa	7.618	2,172	2.110	31	584	4	71	18	516
Wasco	13.178	3,935	3,760	40	1.353	(1)	197	66	2,049
Washington	39,042	11.885	11.500	137	2 673	1.5	553	1.59	2,358
Wheeler	2,961	885	860	7	76	.3	**	1.7	†130
Yamhill	26,289	7.833	7.510	89	1.874	16	273	100	2.209
TOTAL STATE	1,089.681	335.911	320.780	1,105	8101,830	568	811.085	3,115	\$101,020

<sup>\*</sup>Data unavailable. †Filling Station Sales only.

PENNA

PEN	PENNA.				ies Homes	2,514,736 2,262,760			
Adams	39401 1.407.570	10.187	8 590	147	81,848	1.5	8222	130	\$2,097
	81.087	359.856 $20.448$	331,800	6,274	142.494	1148	20.113	1,639	74.495
Armstrong	156,993	58 139	17.510	282	5.163	2.5	631	190	3,362
Beaver	40,739	10.186	34,900	646	14,292	53	1.360	319	7,667
	241.880		8,520	131	1 651	9	164	140	2,530
		63,693	57.320	1.854	91.990	87	2.239	519	17.084
Blair	140.152	36.017	32,600	646	13,698	49	1.315	315	7.444
Bradford	50.611	13.970	11,790	218	31,2338	43	420	190	3.180
Bucks	107.658	28,109	24,400	536	7,092	2343	710	270	5.517
Butler	87,584	22,797	19.680	297	6.374	2344	690	273	6.069
Cambria	214,290	48,736	42.900	8333	14 312	54	1.438	375	10,857
Cameron	1! 844	1.887	1,600	34	664	.5	41	.3.3	400
Carbon	61.737	14,737	13,070	344	4.469	21	3.5+	132	1.935
Centre	52,503	13.286	11,400	170	4.108	1.7	553	18%	4.054
Chester	135 483	33,0711	28,870	562	10.818	654	1,639	3178	10,022
Clarion	38,341	9.714	8,260	127	2.541	1:3	1:11	127	2.447
Clearfield	92,006	22,589	19,340	378	6.289	-533	497	243	3,896
Clinton	34.530	8,859	7 710	151	2.665	13	315	106	2.192
Columbia	51.308	13,469	11.500	226	3,370	1-1	396	138	2.450
Crawford	71.534	19.971	17.240	$^{255}$	5.575	25	668	221	4.962
Cumberland	74.700	20,305	18,110	362	6.103	3.3	664	209	1.728
Dauphin	177.511	40.618	43,100	1.016	14.896	101	2.891	328	12,638
Delaware	310.172	80,097	73.800	1,220	29,748	182	5.041	485	18.223
Elk	34,233	8,019	6,960	139	2.692	11	304	16	1.638
Erie	177.415	47.962	13, tod	1.037	15.392	49	1.544	460	12,979
Fayette	200,902	47.860	$\pm 1.250$	6558	11,631	43	1.290	325	8.460
Forest	5,79%	1.563	1.330	11	234	1	**	26	268
Franklin	69,225	15,759	15,200	280	4,325	.17	594	199	4,326
Fulton	10,668	2,609	2.120	4.5	321	:1	41	4:3	41:3
Greene	44.663	11,022	9.340	11:3	2.212	8	176	1.533	1,437
			,	- 4					

Population

	Popula-		Radio		FOOD	1)	RUG	AUTO	MOTIVE
County	tion	Families	Homes	Stor	es Sales	Store	s Sales	Stores	Sales
Huntingdon	11.744	10,400	8,850	151	2,629	11	170	127	2,592
Indiana	211 7 1113	19,221	16,290	258	4.100	:21	523	233	3.654
Jefferson	54,049	13.572	11.520	211	4.207	17	329	151	3,225
Juntata .	15 338	23,597.59	3,340	80	798	45	35	17	660
Lackawama	301,085	72,178	95,970	1.695	25,630	1:25	2,359	470	12,920
Laureaster	212 387	55,344	48,640	1.642	15,243	64	1.901	510	14,414
Lawrence	96,783	24,799	22,320	443	7.920	28	1124	540	6,066
Lebanor	72,596	18 871	16.290	414	4.965	*2.1	556	181	5.837
Lehigh .	1117,395	45 468	41.400	1 083	15.432	54	1,800	374	12.556
Luzerne	440 246	101,805	92.300	2.574	32,858	175	3,355	6531	18,001
Lycoming	93, 155	25 707	22.890	450	5.610	41	1.094	252	5.588
McKean	56,383	15.178	13,380	2:3:3	5.544	25	7:23	151	4,558
Mercer	100.957	25 779	22,800	4:34	8.417	366	948	291	7.038
Mitthin	12,940	10,900	91.540	205	3,199	1 <del>1</del>	398	116	2.391
Monroe		8 106	7 100	140	2 854	1.5	25()+5	164	2.382
Montgomery	** > > > 56	71.730	65,060	1,453	31,177	144	3,808	585	23.953
Montour	15.614	3.488	2 950	53	891	5	108	35	718
Northampton	169,028	43,111	38,860	1.017	16.312	6.5	1.952	341	9.453
Northumberland .		31.543	28 050	+64.1	8 826	4.5	1.187	266	5.958
Perry	23 214	6.216	5/250	103	1,134	î	716	73	989
Philadelphia		507.157	471 660		178.540	1.174	26.596	1.551	69,211
Pike		2.315	1 980	40	560	12	u u	40	÷249
Potter		5.050	4	155	1.102	8	112	77	1,302
Schuylk.H		53 582	17,790	1.4*?7	14,919	70	1.504	448	11,194
Snyder	20.197	5,346	4,500	7.1	710	+5	78	64	797
Somerset	86,866	20.127	17.780	265	4.543		34.5	247	4,550
Sullivan		1,922	1,610	:3.5	256	:2	,	31	†147
Susquelianara		0.024	7 590	155	2.351	7	105	114	1,358
Tioga		9,563	> 050	1.53	2.088	1:3	115	119	2,078
Union	20.218	4.950	4,220	6.5	1.200	- 65	120	.57	1,059
Venango		16,238	14.550	243	5,342	15	462	154	3,425
Warren	42.869	10.843	9,420	148	3,416	1:3	330	93	1,782
Washington	210,500	52.121	15 400	103333	16,404	64	1.716	440	10,523
Wayne	28,852	7.814	6.580	114	2,029	1.1	181	107	1.249
Westmoreland	302 850	74,316	65,520	1.293	22,635	110	2,311	597	15.010
Wyomin-	16 688	1.531	3 000	7.0	1.059		78	73	1.053
York	177,945	48,250	42,550	8.216	12,551	46	1.254	361	13,885
TOTAL STATE	9,900,180	2,511,736	2.262.760	50,203	\$830,616	1,150	\$101,392	18,003	<b>\$520,69</b> 6

<sup>&</sup>quot;Data convailable - \$Fd mg Station Sees only

RHO	DE		S.	Popula Famili Radio					713.346 187,795 173,450
Bristol	25.548	6.489	5,960	1:37	82 067	10	\$217	37	\$988
Kent	58,311	15,303	! 1 100	320	5.496	*24	526	163	3.440
Newport	115 151145	12 013	11,100	224	0.059	21	624	82	2.659
Providence	550,298	145.091	134,100	2.773	58.122	307	9.037	993	34.756
Washington	32,493	8,899	8,190	175	4,106	15	507	1:34	2,687
TOTAL STATE	113,316	187,795	173,150	3.629	\$75.813	377	\$10.911	1,109	\$14,530

S. CAROLINA					Fan	ulation nilies lio Ho	1,899,804 434,557 222,170		
Abbeville	22,931	5.400	2,530	77	8723	8	\$110	62	\$394
Aiken	19,009	12.165	6.050	.;.;4	1.782	15	237	159	1.927
Allendale	13,037	2.891	1.290	57	350	4	53	17	334
Anderson	75.1154	20.726	100 35000	287	3,606	2.5	623	226	3.285
Bamber2	18 635	1.182	1.580	65	595	11	87	39	961
Barriwel	20.135	4.788	2,090	**	582	7	92	43	421
Beaufort	22.038	1.937	2.400	120	799	4	66	29	776
Berkeley	26 828	6.381	2,830	130	596	:3	61	24	587
Calhoun	16.306	3 592	1,510	86	539	4	52	23	606
Charleston	121,006	31,637	20,450	6339	7.923	41	1.489	147	8.046
Cherokee	33,257	7.210	3,600	112	945	+5	170	67	822
Chester	32,441	7,265	3,560	111	1,667	6	155	57	1.233

	Popula-		Radio		700D		CG	AUTO	TOTIVE
County	tion	Families	Homes	Stores	s Sales	Stores	Sales	Stores	Sales
Chesterfield	35.901	7.579	3.510	99	975	12	172	91	1.218
Clarendon	31.499	6.339	2.800	90	607	5	78	47	1,235
Colleton	26.175	6.129	2,730	96	689	5	117	64	940
Darlington	45.195	10.261	5.050	156	1,758	10	263	100	1,494
Dillon	29.844	6,215	2.790	80	207	8	129	55	1,024
Dorehester	19.936	4.430	2,160	85	699	8	108	55	777
Edgefield	17.887	4 034	1.730	81	530	5	88	24	418
Fairfield	24.165	5,362	2,350	69	731	в	100	28	657
Florence	70.057	15.499	7.990	4:40	2.341	21	494	151	4, 127
Georgetown	26,329	6.024	3.050	145	1.340	8	226	4:2	1.229
Greenville	136.289	33.918	18,900	457	8,101	4.4	1.470	286	7,859
Greenwood	40.082	9.474	4 970	1 6519	2.223	1:3	332	115	2,209
Hampton	17,463	4.111	1.880	43	235	45	53	± 1.	420
Horry	51.795	10.693	4.560	158	1,822	1:3	384	132	2,122
Jasper	11.022	2.490	1.170	30	108	1	•	17	275
Kershaw	32,885	7.143	3.390	138	1,114	9	163	59	777
Lancaster	33.464	7,348	3,470	101	1,199	<b>{</b> }	184	61	1,305
Lauren	44.271	10.161	4.950	134	1,747	1:3	256	105	1.540
Lee	24 652	5.289	2.440	107	800	+	*	4:3	998
Lexington	36,652	S 395	4.100	140	1,020	15	150	132	1.057
McCormielt	10.369	2.264	930	43	231	1	*	14	171
Marion	30.129	6.579	3,330	87	1,199	٤١	267	72	1.201
Marlhoro	33.120	7,233	3.330	97	1.120	41	136	65	1,112
Newberry	33,579	7.958	3,970	1+1	1.166	11	198	69	1,449
Oconee	36.385	8,086	3.610	101	1.064	10	143	82	1.137
Orangeburg	63,028	14.514	7.010	257	2.187	(3:2	313	167	3.195
Pickens	37,114	8.228	3.980	112	1.251	11	236	88	1.40%
Richland	112,381	23.964	15 820	158	0.390	41	1,435	178	8.701
Saluda	17 190	3.857	1.560	7.1	331	4	4:2	24	300
Spartanburg	128,442	29,608	16.010	367	5.377	25	948	250	6.037
Sumter	52.869	11.634	6.110	163	2.138	1.5	322	87	2,933
Unioa	31,648	7.015	3.560	91	1,164	10	164	54	971
Williamshurz	41.005	8,298	3.460	128	912	7	109	38	1,053
York	58,682	13,299	6.910	534	2,841	19	415	93	2,133
TOTAL STATE .	1,899,804	131,557	222,170	6,966	\$76,456	538	\$12,816	3,822	\$83,258

<sup>\*</sup>Data unavailable.

S. DA				Famil	ation ies Homes			· ·	642,961 165,113 132,010
Armstrong	42 5.383	$\begin{smallmatrix} 11\\1\ \textbf{41}1\end{smallmatrix}$	01 080.1	15	8153		-		60.50
Beadle	19.554	5,205	4.410	56	1.486	7	\$41 183	26	\$256
Bennett	3.966	991	7.30	16	131	5	183	78	1.535 †67
Bon Homme	10,233	2.763	2.140	27	325	5	75	44	452
Brookings	16.457	4.240	8.430	47	929	9	121	57	1,370
Brown	29.727	7,710	6,600	98	2.007	17	310	105	2.803
Brule	6,199	1.672	1.280	25	333	14	92	35	481
Buffalo	1.845	436	320	5	59	-	3.2	92	401
Butte	7.996	2.145	1.660	37	638	5	106	อ์ เ	1,032
Complett	5.036	1.085	840	12	152	ĭ	100	13	†78
Charles Mix	13,453	3,226	2.440	30	244	÷	78	30	418
Clark	8.952	2.312	1.750	28	308	6	67	37	460
Clay	9.606	2.623	2.120	27	471	ä	114	40	598
Codington	16.623	1 228	3.640	59	1,174	в	151	58	1.970
Corson	6.508	1.583	1.160	19	237	2	101	18	†152
Custer	5.995	1.704	1.360	28	414	2	•	38	608
Davison	15,271	4.178	3,700	68	1.086	$\tilde{\mathbf{s}}$	261	79	2,218
Day	13 556	3.349	2.570	338	āti4	7	116	50	834
Deuel	8.478	2.029	1.519	26	210	4	29	28	279
Dowey	5 717	1.344	1,630	26	305	á	• •	27	$\tilde{2}73$
Douglas	6.343	1.581	1.200	) 1	143	3	30	$\tilde{3}\tilde{3}$	281
Edminds	7.799	1.826	1.390	ii	259	ž	47	24	282
Fall River	8.079	2.071	1.690	24	497	$\tilde{\mathbf{s}}$	97	32	593
Fault	5.162	1.329	1.010	23	206	3	66	26	213
Grant	10.543	2.658	2,060	30	454	5	74	37	428
Gregory	9.552	2.407	1.830	29	319	7	66	36	550
Haakon	3.506	1.002	760	14	181	3	64	16	÷89
Hamlon	7,569	1.882	1.400	34	336	G	60	34	288
Hand	7.134	1.719	1.290	17	273	3	54	27	546
Hanson	5.380	1,360	1.030	9	123	0		15	†84
Harding	2.997	827	610	10	#15	1	4	11	97
Hughes	6.566	1.970	1.690	17	584	$\tilde{3}$	116	32	899
Hutchinson	12.674	3.1.11	2.400	26	297	7	66	46	492
Hyde	3.110	780	610	11	131	2	•	12	†251
Jacksen	1.950	553	420	9	69	2		25	242
Jerauld	4.720	1.271	980	17	144	3	40	22	317
Jones	2,508	694	520	×	68	ï		14	†135

	Popula-		Radio	]	FOOD	DK	1 G	ALTO	MOTIVE
County	tion	Families	Homes	Store	s Sales	Stores	Sales	Stores	Sales
Kingsbury	10.809	2.835	2.180	46	376		712	55	730
Lake	12,250	3.149	2.580	33	595	-	103	5.2	979
Lawrence	19,081	5.298	1.560	56	1.468	÷	306	65	1.694
Lincoln	13,169	3.419	2,630	2219	300	Ś	161	55	715
Lyman	5.039	1,266	960	1.9	168	- 3	16	31	†206
McCook	9,777	2,492	1.910	29	275	6	49	47	400
McPherson	8,354	1,874	1.420	12	134	3	28	30	258
Marshall	8.881	2,124	1.640	29	326	5	70	28	836
Meade	9.710	2.654	2,000	416	585	4	60	36	489
Mellette	4.111	956	710	7	40	i	:4	11	206
Miner	6.838	1.789	1.360	23	190	5	64	37	2963
Minnchaha	57.530	15.497	13.600	159	4.694	30	826	194	6.681
Moody	9,312	2.455	1.840	222	273	4	61	35	523
Pennington	23,738	0.669	5.720	99	2.272	11	529	110	4.122
Perkins	6.578	1.710	1.290	24	326	3	52	- 21	466
Potter	4.605	1.193	930	25	236	3	51	2:3	397
Roberts	15 858	3.800	2.890	47	518	ā	75	52	775
Sanborn	5.745	1.573	1.200	9.2	177	5	40	25	÷228
Shannon	5.362	1.180	880	9	166	ĭ	20	5	13
Spink	12.527	3.190	2,520	46	691	13	84	62	208
Stanley	1.956	585	440	+5	55	i		8	81
Sully	2.664	626	470	õ	65	î	**	10	151
Todd	5.602	1,245	940	12	82	ī	4	17	92
Tripp	9.922	2.468	1.870	27	251	5	+14	18	933
Turner	13.259	3.545	2,700	42	181	10	103	62	498
Union	11.665	3.038	2.320	8	424	7	147	44	516
Walworth	7.263	1,773	1.480	7:2	412	6	93	21	540
Washabaugh	1.978	439	320	6				- 3	21
Washington	1.789	367	270	7		_	_	í	
Yankton	16.687	3.895	3.180	29	241	15	165	62	1.127
Ziebach	2,868	704	520	ii	91	1	v	ā	+20
TOTAL STATE	612,961	165,113	132,010	1,992	\$32,118	330	\$6,026	2,521	\$17,075

TENI	Far	oulation nilies lio Homo		713,853					
Anderson	26,500	5.976	3,920	17	8975	6	\$162	34	8527
Bedford	23.149	6,161	3,720	71	983	9	154	33	1.295
Benton	11,962	2,993	1.700	17	112	5	5.2	50	318
Bledson	8 358	1,757	9490	34	189	1		7	・デト
Blount	40,883	9,496	6.100	1:34	1.313	8	243	17	1.416
Bradley	26.751	6,863	4.440	82	1,226	7	199	59	1.485
Campbell	31,086	6.716	1 550	8.2	1,243	+	9:1	38	716
Cannon	9.892	2.378	1,290	37	128			14	† ! ) · 2
Carroll	25 960	6,706	3,910	97	881	1.5	112	15	862
Carter	34.975	7,750	5.040	127	1.165	5	164	38	1.378
	0.027	2,333	1,320	47	313	1		1.9	220
Chester	$\frac{11,123}{24,714}$	2,6 <b>4</b> 4 5.315	1.480	46 51	382	- 3	18	17	160
	10.004		3 090		253	+		-2.7	305
Clay Cocke	24.057	$\frac{2,314}{5,268}$	$\frac{1.310}{3.060}$	35	105 503	1 21	111	9 32	†47 165
Coffee	19.015	4,631	2,790	7.3	805	5	123	48	651
Crockett	17.244	4,408	2,450	75	622	.) ti	7:3		151
Cumberland	15.625	3.449	2 160	48	518			iř	367
David-on	257,411	67,075	53,550	1,000	20,006	147	4.154	440	18,984
Decatur	10.311	2.437	1.360	54	20,006		32	10	113
De Kalb	14.553	3.561	1.980	54	297	3	*9.2	13	† 95
Dickson	19,710	4.832	2.900	55	668	•		39	833
	34.946	9,020	5,570	88	1.440	13	27 258	39 46	1.881
Dyer Fayette	30,319	6.812	3.600	::7	435	1.3	1.58	23	470
	14.553	2,890	1.810	37	1.11	1		11	181
Fentress Franklin	23,862	5.529	3.360	51	546	ģ	95	37	774
Gibson	44,833	11.857	7.090	1:10	1.728	18	276	64	971
	29,123	7.188	4.090	94	857	15	150	58	1.304
Giles Grainger	14.369	3.233	1.750	31	145	í	1.011	13	†93
Greene	39,391	9.064	5.200	156	1.190	1,	200	7.5	1,295
		2,573	1.760	2.2	105	í	200		1,203 480
Grundy	$11.534 \\ 18.439$	1.510	$\frac{1.790}{2.910}$	67	807	3	117	14 35	1.375
	180,439	45.945	37.100	823	14.569	7.5	2.177	285	12.439
Hamilton		2,339	1,230	223			14.17.4 6	38.5	13,430
Hancock Hardeman	$\frac{11.186}{23.576}$	5.028	$\frac{1,230}{2.850}$	62	$\frac{32}{618}$	1			480
			$\frac{9.830}{2.320}$			• • • • • • • • • • • • • • • • • • • •	79	334	
Hardin	17.793	4.108		53	377	2		19	374
Hawkins	28,517	6,408	3,600	1.5	8141	(	70	33	<b>59</b> 5

	Popula-		Radio		FOOD		RUG		MOTIVE
County	tion	Families	Homes	Store		Store		Stores	Sales
Haywood	27.693	6,536	3,600	75	8.11	7	110	28	783
Henderson	19,210	4,599	2,510	61	47.2	5	58	29	550
Henry	25,919	6,893	4,230	7.15	1,038	11	188	44	$\frac{1.006}{285}$
Hickman	14,868 6,427	$\frac{3,391}{1,512}$	$\frac{2,050}{890}$	170	253 104	3	37	18	†70
Houston Humphreys	12,420	2.960	1.770	35	375	3	56	1	287
Jackson	15,091	3,344	1,760	32	165	.,	.,,,	1.3	278
Jefferson	18,618	4.260	2.440	215	395	5	84	gi	378
Johnson	12,980	2.817	1,590	21	96	3	39	10	:09
Knox	178.929	44,218	34.700	7:26	13,096	60	2,232	251	12.544
Lake	11,230	3,043	1,700	49	561	4	7.4	1.2	:400
Landerdale	24,458	5,958	3.410	9.1	919	9	173	33	876
Lawrence	28,700	6.530	3.730	58	614	10	115	55	1.049
Lewis	5.849	1.312	830	15	144	l.	9	11	†65
Lincoln	27,232	6,664	3,830	7.1	783	.5	158	41	899
Loudon	19,909	4,568	2.1000	71	824	ti.	155	27	925
McMinn	30.625	7.376	4.760	7.5	1.217	2.7	180	50	1.490
McNairy	20,423	4 844	2,710	64	4338	ā	3#	35	508
Macon	14.902	3.500	1.930	30	149	.!		15	÷94
Madison	54.201	14 365	9,780	169	2.842	18	415	1.2	2.877
Marion	19,135	4,287	5,950	59	908	5	111	41	603
Marshall	18.012	4.259	2,540	55	$\frac{712}{2.034}$	12	$\frac{116}{313}$	23 53	709 1.635
Maury	40.347 $6.386$	$\frac{10.376}{1.396}$	6,510	170	934 40	13	-31-3	.1.3	1.035
Meigs	24 272	5.341	$\frac{730}{3.010}$	85	486	;	99	35	445
Montgomery	33.346	8,274	5.030	152	1.444	6	266	53	939
Moore	4.096	1,033	560	5	1.444	ï	.,,,,,	5	121
Morgan	15,287	3.100	2,000	31	251	3	19	10	7:15
Obion	30,953	8.370	5,200	135	1.622	10	178	46	1.189
Overton	18.767	4.054	2,260	53	258	:;	41	13	*134
Perry	7.536	1.773	990	40	214	-2	12	10	†44
Pickett	6,212	1,283	700	12	GO			• 9	0
Polk	15.468	3,245	2.120	4.3	308	1	52	19	1514
Putnam	26.163	6.035	3.610	87	741	7	74	53	850
Rhea	16,342	3.750	2.390	41	550	::	94	30	804
Roane	27,714	6.375	4.210	69	819	8	189	51	975
Robertson	29,048	7,172	4,260	109	1,192	1.2	215	53	861
Rutherford	33,618	8.325	5,030	130	1.502	11	205	57	1.747
Scott	15,943	3,348	2.190	39	258			14	331
Sequatchic	$\frac{5.037}{23.121}$	1.111	650	1.5	176	1		4 24	27 513
Sevier Shelby	357,620	5,035 95,712	2,830 74,900	1,202	$^{+11}_{24.800}$	182	6.207	497	25,392
Shelby	16.152	4.176	2.370	42	245	4	15.1	30	441
Stewart	13.549	3.049	1.730	42	233	- 3	.,,	8	÷35
Sullivan	69.172	16,076	11,200	240	3.803	13	546	59	4,027
Sumner	32,675	8.147	4,730	115	1.020	8	150	50	849
Tipton	27,814	6,774	3,770	95	1.018	G	131	25	621
Trousdale	6.113	1,532	860	15	210	2	٠	8	140
Unicoi	12.130	3,051	2,070	64	322	2	ž.	1:3	351
Union	9.108	2,006	1.040	44	165		<del></del>		*
Van Buren	4.049	804	510	.ă.	10	1		-1	15
Warren	19,760	4 940	5 0.50	69 230	635	4 9	62	34	762
Washington	51,732	$\frac{11.681}{3.081}$	8.260 $1.790$	39	2 6902 2000	3	380	15	$\frac{3.580}{139}$
Wayno Weakley	$\frac{13.637}{29.470}$	3.081 8,088	4,690	116	1.288	13	168	54	862
White	15,991	3,636	2,150	34	286	4	46	31	409
Williamson	25,252	6.058	3.520	101	913	- 6	124	33	759
Wilson	45,434	6,696	3,930	95	880	4	132	39	759
TOTAL STATE	2,915,811	713,853	178,730	1 00,0	\$135,211	954	\$23,961	1,159	\$132,031

<sup>\*</sup>Data unavailable, \*Filling Station Sales only.

TEXA				Popula Famili Radio				6,414,824 1,671,828 1,137,210		
Anderson	31,813	9.648	6,030	183	\$1,807	15	8494	85	\$1,583	
Andrews	1,283	353	210	51	110	• 2	٥	-	65	
Angelina	32,188	8.507	5,280	110	1.743	13	421	66	1.858	
Aransas	3,507	953	590	10	27:3	.,		13	115	
Archer	7.591	1.961	1 220	• 17	408	.5	62	39	341	
Armstrong	2.472	690	390	- 5	85	i	- 1	1.3	179	
Afascosa	19,266	4,106	2,300	74	585	9	7.6	65	833	
Austin	17.385	4.768	2,660	57	636	7	86	61	653	
Bailey	6.317	1.588	860	31	400	.,		-2.1	383	
Dandera	4,233	1.212	660	1.6	206	::	25	- 51	782	
Bastrop	21,466	5,523	3.240	87	1.155	10	118	55	678	
Baylor	7.756	2,022	1,300	25	425	ā	92	55	739	
Bee	16,463	3,993	2.510	76	983	15	228	78	1.576	

County	Popula- tion	Families	Radio Homes	F Stores	FOOD Sales	DI Stores	RUG Sules	AUTOM Stores	IOTIVE Sales
Bell	44,946	12,060	7 1100	184	2,658	23	570	153	2,431
Bexar	337,557	84,497	69,000	1.456	23 096	152	4,397	734	23,432
Blanco	4.240	1.141	610	14	203	4	37	20	†138
Borden	1,396	34.2	180	-1		. 1			
Bosque	15.859 $50.244$	$\frac{4.921}{13.422}$	2 190 8 590	38 359	657 2,687	14 20	$\frac{145}{533}$	$\frac{80}{105}$	$\frac{599}{3.119}$
Brazona	26,951	6,594	4.650	7:1	1.517	14	253	73	2,241
Brazos	27.052	7.190	4,600	101	1.816	11	351	65	2.262
Brewster	6.456	1.616	1.130	-249	107	-3	102	26	551
Briscoe	4.056	1.069	610	1.7	250 175	4.	(50)	26 28	151
Brooks Brown	$\frac{6,355}{25,917}$	1.346 7.284	780 5,030	$\begin{array}{c} 17 \\ 109 \end{array}$	1,570	14	463	142	$\frac{637}{2,172}$
Burleson	18,380	4.672	2,570	78	792	Ĝ	91	33	425
Burnet	10,750	2.887	1.620	34	511	.5	69	5.1	795
Caldwell	24,832	6.032	3,880	78	1.266	11	207	90	1,860
Calhoun	5.894	$\frac{1.510}{3.143}$	$\frac{870}{1.820}$	17	289 682	; 9	47 124	19 58	†186
Cataban Cameron	11.555 81.227	19,625	13,500	517	3.721	32	662	203	$\frac{541}{4,970}$
tamp	10.280	2.665	1,550	53	375	5	90	22	350
Carson	6 563	1.757	1,090	18	372	5)	120	32	696
Cass	33,492	8.102	4.330	87	909	1:3	202	64	1,783
Castro	$\frac{1.625}{1.495}$	1,133 2,091	$\frac{620}{1,240}$	31	158	3	80 42	17 24	†183 428
Chamber- Cherokee	43,986	10.580	6.240	172	1.972	19	398	96	1,940
Childress	12.147	3,316	2,250	4:3	960	8	233	55	†387
Clay	12.528	3.397	1.910	4.4	565		93	64	619
Cochran	3.734	873	480	14	193	-3	33	1.2	†71
Coke	$\frac{4.590}{20.557}$	1,335 5,455	$\frac{680}{3,400}$	10 81	197	13	41 234	16 97	†94 992
Collin	47,183	12,696	7,540	191	2 530	-216	456	148	2,280
Collingsworth	10.328	2,723	1,640	4:3	740	5	126	33	†157
Colorado	17,802	4,720	2,720	65	895	8	158	63	1,306
Contal	12,315	$\frac{3.311}{5.291}$	2,360 2,960	58 50	784 492	5 10	113	53	†347
Comanche	$\frac{19,244}{6,191}$	1.570	870	.3.5	303	4	70	68 37	674 402
Cooke	24.892	6.348	1,090	107	1.360	13	251	77	1,896
Corvell	20,225	5.126	2,890	81	957	7	100	71	†264
Cottle	7.080	1,901	1.180	30	487	-5	99	28	522
Crane	$\frac{2.555}{2.811}$	780 719	520 450	11	293 207	4	52	12 11	†130
Crockett	10,050	2,631	1.470	35	447	5	1:31	38	454 607
Culberson	1.734	4 (9)	290	.5	97	9	**	21	330
Dallani	6.489	1.743	1,290	2.2	612	15	148	333	*303
Dalla	398,049	112,628 4 005	95,000 2,420	1,888	$\frac{34,325}{1.073}$	221	8,727 261	800	38,968
Dawson	45,350 6,049	1.602	940	19	1.073	4	138	57 22	$\frac{1.058}{902}$
Delta	12,862	3.315	1,850	47	549	5	86	2.2	397
Denton	33,807	9,233	5.810	138	2.033	.5(1	442	126	2.764
De Witt	24.972 7.864	6.489	3,940	100	1,586 477	19 ±	$\frac{265}{148}$	83 26	1.796
Dickens Dimmut	8.119	1.904	1.160	28	335	4	62	19	783 †149
Donley	7.498	2,016	1,270	23	514	7	99	35	557
Duval	20,562	4.699	2 690	94	1.034	8	240	43	†39 <b>4</b>
Eastland	30,409	8,361	$\frac{5.780}{2.860}$	$\frac{102}{43}$	$\frac{1.964}{1.832}$	19	353 389	169	2.016
Ector	$\frac{14.903}{3.081}$	4,357	440	14	145	- 2	ات باعت د:	78 10	$\frac{3.589}{104}$
Ellis	+7.721	12,919	8,250	2:23	2.994	27	459	186	2.517
El Paso	130,895	31.313	24.100	639	8.131	61	1.878	276	10,703
Erath	20,768 35,955	5.854	3,500 5,080	122	996 1.630	9 16	163	78 82	$\frac{1.108}{1.049}$
Falls	41,047	$\frac{8.881}{11.004}$	6,290	165	2.021	26	319 426	124	1,366
Fayette	29,206	7.546	4,160	831	939	18	170	116	1,301
Fisher	12.825	3.273	1.800	38	610	5	99	46	420
Floyd	10,655 5,231	$\frac{2.786}{1.386}$	1,720 800	29 17	537 288	.5 4	143 65	25 28	†469 416
Foard Fort Bend	32,985	7,709	1 280	9)	1,387	11	279	111	2,350
Franklin	8378	2,262	012.1	34	270	• 2	*	13	†66
Freestone	21.125	5.434	3 150	+5*2	754	1.5	193	66	987
Frio	9.207	2.134	1.280	43	340	4	62 179	26	†173
Gaines	$\frac{8.114}{80.512}$	$\frac{2.212}{22.142}$	1,220 18,700	$\frac{24}{364}$	$\frac{536}{7.450}$	5 40	1.165	44 167	866 6.181
Garza ,	5,668	1,517	860	20	395	3	1.1037	23	496
Gillespie	10.660	2,822	1,620	35	45*2.1	.5	72	48	792
Glasscock	1,193	322	180	:3	*	1		4	26
Goliad	8,798	2,086	1,150	23	245	3	57	29	347
Gonzales	26,061	6.268	3,570	100	1.018	9	122 611	70 100	$972 \\ 3,286$
Gray	23.847 69,497	$\frac{6.776}{19.471}$	$\frac{5.020}{13,200}$	84 313	2.404 4.687	14 :33	863	241	4,839
Grayson	57,945	16,263	10,100	257	5,232	38	1,069	198	6,888
Grimes	21,961	5,598	3,280	7.1	907	4	153	42	750

County	Popula- tion	Families	Radio Homes	Fo Stores	OOD Sales	DR Stores	UG Sales	AUTON Stores	IOTIVE Sales
Guadalupe	25.523	6,220	3,690	105	1.365	d d	114	85	905
Hale	18.800	5,060	3.540	51	1.397	14	410	90	2,482
Hall	12.104	3,208	2,010	50	783	11	222	47	690
Hamilton	$\frac{13,317}{2,782}$	3,757 738	$\frac{2,140}{450}$	$\frac{35}{10}$	802 164	용 4	$\begin{array}{c} 115 \\ 54 \end{array}$	$\frac{80}{16}$	†375 545
Hardeman	11,05%	3,004	1,920	36	732	12	130	65-4	†389
Hardin	15,851	$rac{4.218}{144.831}$	$\frac{2,880}{122,000}$	$\frac{51}{1.797}$	$740 \\ 45,222$	8 245	$\begin{array}{c} 112 \\ 8.857 \end{array}$	39	698 49.479
Harrison	50 889 529 A 79	10,788	7,960	196	2.402	16	447	$\frac{1,168}{95}$	2,453
Hartley	1,868	480	280	3	12	1	*	7	50
Haskell .	14.908 $15.353$	3,980 3,723	$\frac{2.310}{2.390}$	42 55	801 824	12 8	230	63	†351
Hays Hemphill	4,161	1.139	680	11	300	9	134	71 20	948 445
Henderson	31,813	8,071	4.600	122	1,341	18	300	77	1.530
Hidalgo Hill	$\frac{106,664}{38,391}$	$\frac{23.857}{10.315}$	15,600 6,160	$\frac{446}{115}$	4, <del>4</del> 61 1,886	16 [9]	837 295	230 150	5,880 J, <b>44</b> I
Hockley	12,681	3,166	1.760	102	693	8	156	42	614
Hood	6,975	1.812	900	.26	364	. 4	.28	:10	273
Hopkins	30 202 31.123	8,001 7,712	4 600 4.340	112 101	$\frac{1.271}{1.108}$	11 11	277 225	90) 55	1,494 974
Howard	23,950	5.536	4.150	89	2.021	18	*	91	3.198
Hudspeth	$\frac{3,139}{48,717}$	$\frac{815}{13.298}$	$\frac{470}{8,420}$	$\frac{18}{205}$	108 2,656	1 26	* 80 <del>1</del>	25	168
Hunt Hutchmson	19,054	5,300	3,680	4:2	1.826	10	439	177 47	$\frac{3,133}{1,831}$
Irien	1,964	562	350	×	102	2	*	14	90
Jack Jackson	$\frac{10.196}{11,510}$	$\frac{2.751}{2.844}$	1,580 1,580	37 44	474 600	7 4	129 80	64 29	626
Jasper	17,192	4.348	2,660	60	664	6	131	50	554 981
Jelj Davis	2,367	579	260	1.2	1)14	1	*	7	34
Jefferson .	$144.314 \\ -5.451$	$\frac{39.143}{1.216}$	54,050 750	595 36	822.11 $852$	77 3	2,231	338	13,787
Jim Hogg	20,232	4.515	2,900	08	930	8	78 247	$\frac{18}{69}$	$\frac{544}{1,783}$
Johnson	30,361	8.600	5.590	103	1.769	21	360	127	1,944
Aones	23,528 10 288	6.183 1.249	$\frac{3,750}{2.410}$	80 61	$\frac{1,520}{745}$	12 8	$\frac{342}{128}$	115 53	1,582
Kaufman	38,301	9,190	5.430	140	1.824	18	313	123	$904 \\ 1,645$
Kendall	5.075	1.506	850	212	288	4	50	33	511
Kenedy	700 3,408	131 870	80 480	1 15	165	- 2	*	1 14	129
Kerr	11.623	3,108	2,160	19	1.059	×	158	53	1,590
Kimble .	5,000 1.065	1,37 <del>4</del> 267	790	2 <del>1</del>	841	4	53	21	398
King Kinney	4,515	897	140 560	5 15	89 102	•2		3 8	$\frac{24}{178}$
Kleberg .	13.353	3.335	9,200	59	941	5	186	39	†346
Knox	10,085 50, <b>4</b> 06	2,556 12,988	1,460 8,100	216 39	609 2,349	11	181	49	445
Lamb	17 615	4.562	2.666	<b>5</b> 5	1.142	18 16	$\frac{535}{290}$	92 64	$2.392 \\ 1.340$
Lampasas	9.257	2.673	1.680	45	649	+5	124	38	†228
La Salle Lavaca	$\frac{8,001}{25,168}$	$\frac{1,895}{5.811}$	$\frac{1,160}{3.380}$	34 72	303 742	<del>4</del> 7	$\begin{array}{c} 53 \\ 109 \end{array}$	27 77	364 772
Lee	12.745	3,039	1.860	41	389	9	75	39	451
Leon	17.734 $24.555$	4,447 6,100	2,390 3,840	71 89	586 1 774	$\frac{14}{15}$	114	56	637
Liberty Limestone	33,780	8.848	5,120	161	1,647	17	297 300	85 89	$\frac{1.560}{1.142}$
Lipseamb	3.760	1,004	590	7	150	G.	58	24	207
Live Oak	9,797 $5,996$	$\frac{2.260}{1.696}$	1 250 980	$\frac{34}{24}$	355 347	:} 4	51 75	31 34	416 447
Loving	205	84	60	3	22	ì	13	1	331
Lubbock	51.490 $11.923$	$\frac{13,759}{3,079}$	10,400 1,690	$\frac{219}{33}$	4.020	30	1,599	185	6,105
Lynn McCulloch	13,216	3,500	2,190	49	779 881	5 11	153 191	44 101	862 1,251
McLennan	101.824	26,913	18,000	442	6,929	51	1.337	287	7,499
McMullen Madison	$\frac{1.374}{12.036}$	365 3 059	200 1 630	8 31	62 800	1 5	82	5	23 794
Marion	11,454	2,863	1.600	58	450	4	104	39 30	466
Martin	5 558	1 374	760	23	283	2	*	19	†212
Mason	5,373 20,012	$\frac{1.514}{5.240}$	850 3 280	93 93	$\frac{318}{1.343}$	0 4	69 170	$\frac{28}{61}$	478 1,688
Maverick	10.369	2,166	1,520	54	505	6	102	22	467
Medina Menard	$\frac{16.103}{4.514}$	3,877 1,222	2,200	<b>4:</b> 3 20	422	7	91	12	471
Menard Midland	11,719	3.327	740 4,590	19	$\frac{346}{1.056}$	3 8	$\begin{array}{c} 80 \\ 319 \end{array}$	15 15	102 2,133
Milam	33.133	8 277	4.740	114	1.295	14	170	85	1,216
Mills Mitchell	$\frac{7.946}{12,368}$	$\frac{2.150}{3.347}$	$\frac{1.180}{2.150}$	≎3 5 <b>3</b>	384 807	4	63	44	369
Montague	20.416	5.428	3,280	05	997	8 14	$\frac{149}{209}$	60 95	976 $1,144$
Montgomery	23 065	6.013	3,540	78	1,661	9	165	61	1,234
Moore	4,433 9 806	$\frac{1,202}{2,406}$	710 1. <b>3</b> 20	13 36	$\frac{308}{303}$	.) ti	76 07	20	474
Motley	4.995	1.330	7.50	19	239	4	97 66	18 24	284 361
Nacordoches .	34,971	8,707	5,110	156	1.881	1.1	395	79	2,317
Navarro Newton	$51.304 \\ 13.696$	$\frac{13,492}{3,251}$	$\frac{8,350}{1.950}$	225 44	2,913 209	25 3	442 26	$\begin{array}{c} 137 \\ 20 \end{array}$	2,171
Nolan	17.351	4,653	3,440	38	1,310	10	267	86	†125 1,709
Nueces	92.714	24.107	1,730	497	7.287	45	1.422	237	10,174
Ochiltree	4,211	1,141	830	9	337	4	104	27	748

County	Popula- tion	Families	Radio Homes	Stor	FOOD es Sales	Store	ORUG S Sales	AUT0 Stores	MOTIVE Sales
Oldham	1,384	354	220	5	59	1		14	÷110
Orange	15,365	1 307	3 200	+15	9167	S		45	1,068
Palo Pinto	18,417	5,009	8,800	90	1.094	1.5	215	95	1,143
Panola .	22,530	5.358 5.576	2.840	68 92	710	5	102	1.1	560
Parker Parmer	20,497 5,879	1.511	840	17	$\frac{1.082}{251}$	9 3	115	93	1.060 †397
Pecos	8.137	2.025	1,350	3.2	683	4	159	13	963
Pecos	20,036	5 158	2.970	64	773	ķ	213	51	1,076
Potter	54,260	15.071	13,010	171	5,039	4.5	1.710	187	6,171
Presiduo	10.851	2,186	1 130	210	529	5	57	.53	651
Rains	$\frac{7.334}{7.183}$	1,800	946	$\frac{19}{15}$	101	::	28	15	136
Randall	2,025	$\frac{2.109}{568}$	$\frac{1.540}{370}$	1.3 S	186 201	.5 :3	86 64	34 13	400 †90
Real	2,425	665	390	1.2	103	3	26	1.7	56
Red Biver .	29,771	7 4440	4.150	115	1,070	1 *?	23.5	54	908
Reeves	7.981	2,050	1.470	333	1.017	7	**	56	1,299
Refuzio	10.224	2,614	1.570	17	7.16		153	31	910
Roberts	$\frac{1.289}{38,391}$	360 6.291	220 3 560	105	$\frac{112}{1.043}$		203	6 4 7	62 948
Robertson Rockwall	7,051	1,953	1,110	28	366	, i	7.6	28	288
Runnels	18,907	4.925	3,000	(19)	1.3527	133	230	101	1.388
Rusk .	51.008	12.974	7.040	2.20	2.684	241	618	137	3,839
Sabine	10,880	0.736	1,580	4.3	333	4	1341	15	†106
San Augustine San Jacinto	$\frac{12.452}{9.058}$	2,928 2,292	$\frac{1.600}{1.280}$	50 18	55 I 30 I	3	7.1 222	18 12	393 155
San Patricio	28.876	7 126	1,160	97	1.907	(6)	403	94	2,224
San Saba	10.985	2,883	1,620	4.7	561	5	84	39	495
Schleicher	3 053	S 4.5	190	10	100	1	rit.	14	† 1 3 · ?
Scurry	11.537	3.085	1.880	+1	7.455	7	147	157.1	7:3:2
Shackellord .	6.234	1.716	1.050	21	375		102	28	428
Shelby	29,224 2 018	$\frac{7.385}{541}$	4,130 320	114	1.101	11	226	77	1,169
Smith	69 020	18,050	11,350	215	3,975	41	1,229	203	5,207
Somervell	3.017	835	470	10	18		Ħ	16	:58
Star"	13.305	2.554	1,520	108	197	- 7	50	.3.3	144
Stephons .	12.335	3.579	2.420	4.9	1,005	:	153	7.1	1,206
Sterling Stonewall	$\frac{1.404}{5.586}$	398 1,380	250 250	14	92 178	1	61	(1)	158 †124
Sutton	3.974	1.023	630	18	551	3	65	1.1	1165
Swisher	6 488	1.780	1,030	20	387	5	149	:::3	725
Tarrant	225,588	64,550	58,550	866	17.361	1.143	4.565	67.8	20,220
Taylor	14.193	11.202	> 240	1 55	3,355	31.3	809	200	4,154
Terrell	$\frac{2.858}{11.133}$	759 2862	470 1 560	14 43	157 801	3 5	188	19	250 897
Terry Throekmortor	4.275	1.134	660	17	165	4	46	45	244
Titus	19 226	5 059	2.950	7.3	1.066	*	159	51	1.082
Tom Green	39,296	10.500	8,210	136	3.128	23	117.5	178	3.984
Travis	110.686	28 118	21.150	116	8 600	+173		617	32,021
Trinity	$\frac{13.702}{11.922}$	$\frac{3318}{2931}$	1 960 1,7 <b>6</b> 0	4 % 34	581 256	4 +	$\frac{7.5}{31}$	313	501 621
Tyler Upshur	26,165	0.464	3,460	108	000	, j	168	51	996
Upton	1.271	1.262	930	15	500	5	1.4()	19	759
Uvalde	13.178	3 317	2.170	7.61	7.72	3	133	61	1,343
Val Verde	15.409	4 452 7 992	$\frac{2.600}{4.360}$	67 105	733	5 15	171 210	55 90	$\frac{1.054}{1.329}$
Van Zanet Victoria	31 143 23,642	6,171	3.970	90	1.844	12	302	80	2.561
Walker	19.845	1.556	2.540	53	991	5	107	64	1.279
Waller	10.289	2.145	1,580	3;	576	. 8	8.3	24	563
Ward	$\frac{9,533}{25,373}$	0.589	1,630	3.1	1.045	10	108	58 58	$\frac{1.158}{1.051}$
Washington Webb	15 546	9 958	3 920 6 910	101 VAI	1 995	1.4	133	913	2 300
Wharten	36,133	9.307	5 140	5.1	1.054	18	21.533	59-4	2 295
Wheeler .	12,385	3 235	2.040	18	876	10	188	57	991
Wichita	73.437	19,914	15 600	269	6,423	36	1.370	303	8,943
Wilbarger .	20 162	5 178	3 620	7-4	1.426	1.3	330	90	1,701 1240
William	$\frac{13.218}{41.682}$	3 106	1.790	55 194	1.021	-19	97 358	156	2.816
Williamsen Wilson	17,030	10.916	0.550 2.140	50	1 93 1 360	23	81	61	537
Winkler	6.178	1 764	1 250	21	7.65	5	150	29	1.036
Wise	19,075	5,185	2,950	1165	800	1 12	155	79	659
Wood	24,365	6,267	3 620	85	933	15	220	71	1,142
Yoakum .	5,303	1.494	174	18	304	5	10	-291	7159
Youn=	18,995	5.189	3.390	59	1,553	14	11/2/2	95	2.445
Zapath	3,910	865	51.0	33.1	4.4	1		5	14
Zavala .	11 631	2.418	1.560	4.9	338	5	57	26	314
TOTAL STATE	158,111,8	1,671,828	1,137,210	21.877	8 103, 189	3,319	\$85,900	19.269	\$163,920

<sup>\*</sup>Data unrevailable — \*Fifting Station Sales only. ThA itomotive Sales only.

## UTAH

Population .... Families ... 550,310 139.580 126,010

	Popula-		Radio	ŀ	.00D	DR	ľ6	AUTOM	IOTIVE
County	(ion	Families	Homes	Stores	Sales	Stores	>ales	Stores	Sales
Between	4.984	1.232	1.100	16	\$143	• 2		17	\$240
Box Elder	18.816	4.510	4.020	64	923	63	8131	79	1.428
Chelie	29,789	7.471	0.710	80	1.599	fi	281	88	2.340
Carlon	18.113	4 65 2	4,100	4 l	1.287	6	199	38	1.882
Daggett	564	131	1:20	:;	21				
Day:	15.371	3 712	3,320	2121	749	4	59	42	789
Duels sie	5.944	1.977	1,770	1.5	.;4.;	23	53	27	294
Engry	7.059	1.612	1 450	1)	45	:3	23.1	19	172
Gerffeld .	5.220	1.076	960	5	58	1	*	145	÷115
Grand Control of the Control	2,063	523	460	5	7.9	1	ń	Ð	†95
Iron	8 170	2 049	1,830	14	376	4	1:37	38	1,743
Justo	7.403	1.947	1,690	-3:3	535	23	67	2.1	378
Kome an arrange	2.557	557	500	8	90	• >	۵	15	134
Milliord .	9.574	2.180	1,5930	17	146	4	42	5.1	743
Morgan	# 610	630	550	5	40	• 1	44	11	205
Pirtor	2.204	213	490	:3	6	1		13	107
Rich	2.023	497	450	G	41		_	8	54
Sch Lake	210 101	56,800	52,000	650	17.298	7.1	3.510	400	17.670
San Juan	4.747	\$15111	890	10	86		_	6	499
Sampete	16.051	1.025	3.620	34	424	10	មភ	45	581
Sevier	12.104	2,962	2.630	34	423	8	98	4.2	965
Summit,	8.691	2.198	1.840	3.5	346	:3	2365	39	495
Toerle	9.064	11.3337	9.050	339	609	::	46	38	709
Uncah	9.886	2.230	2 000	24	270	::	77	20	454
Urah	57 437	13,690	12.190	134	2,609	555	543	160	4.161
Washieli	5,694	1.300	1.260	11	1.5.5	-2	0	23	384
Washington	9.156	2.116	1,900	412	385	4	44	44	548
Wayne	2,37:2	487	440	- 9	25	1	8	5	.;1
Wolsey	54,717	15,081	13.860	186	1-1-0-1	16	7.79	118	4.283
TOTAL STATE	550,310	139,580	126.010	1,558	833.091	191	\$6.121	1.135	\$11,310

<sup>\*</sup>Dut, amovantable - \*Fifting Station Sales only.

VER	MC	NC	T	Popula Famili Radio		• •			359,231 92,432 82,540
Addison	17,928	4.533	4,000	115	81 115	5	8113	67	\$1,165
Benchiston	22,249	6,137	5.570	113	2,295	12	236	910	1,636
Cafedouia	24,240	6.567	5.810	500%	2.120	11	237	101	2.499
Chittender,	50.996	12,680	11.110	233	5.100	18	557	117	3 875
Essux	6.183	1.677	1,590	5.5	4119	5	50	30	†131
Frank'no	29.595	5,350	6.530	963	2.268	1:2	256	5.5	1.410
Grand Isac	3,790	(023.1	810	1.9	255		_	15	64
Lannorfle	11.016	×54	2.520	50	703	:3	70	- 29	902
Omnge	17,103	4.471	-3.910	0.7	1 090	()	1:24	63	914
Orleons	24,703	5.461	1.750	914	1.168	1.3	218	85	1.716
Rurfand :	45.564	11.791	19,600	255	5.453	19	531	152	4,240
W.jshin_ten	41.455	19.591	9,600	177	4 057	20	370	133	3.965
Wind a m	27.510	7.305	6,530	134	2.892	8	239	7.9	2.764
Windsor	37,766	10,001	8,970	154	3,534	18	361	137	3.679

82,510

1,578

832,099

119

1,188

\$29,039

\$3,362

92,132

TOTAL STATE

VIR			4		tion es Homes				2,677,773 627,550 413,180	
Assoning	31,460	8 340	4,920	207	81,372	j.0	8125	63	\$641	
Albemarke	44.015	10.562	1.080	1::	3.266	1.5	697	104	3,302	
Charlottestifle	Independ	nt Uniyia-	lt ded aceo	ida yani	IV P					
Atterbany	29.240	6.748	1.000	100	2 004		3338	5.2	1.819	
Clifton Forge	Independe	m City-ne	aided in co	ida ztruj	iç					
Amelia	8,498	1.928	990	-20	1.21	-2	*	31	254	
Amberst	20,273	4.129	2.280	7.5	590	•2	==	50	÷329	
Apponiation	9.012	2.019	1.070	2.1	145	2	*	20	735	

<sup>†</sup>Friims Station Sales only

	Popula-		Kadio	F	:00D	11	RI G	AUTO	MOTIVE
.'ounty	tion	Families	Homes	Store	- Sales	Store	s Sales	Stores	Sales.
Arlington	90,300	21.770	18,910	223	9.450	3.4	1,683	114	6.971
Alexandria Augusta		nt Cuy—incl 12 764	31ded in cot 8,220	179 179	2,904	13	525	172	3.681
Staunton	55,860 Independen	at City—mel				1	., .,	1	3,081
Bath	7.174	1 735	1.160	21	236	i		17	7140
Bedfore	20,698	6 8331	3,760	7.1	700	.5	>4	10	961
Bland	6 725	1 124	2.140	5.0	47	1	49	10	*85
Botetourt Brunswick	$\frac{16.436}{19.577}$	$\frac{3.701}{4.086}$	2 180	56 62	387 500	5	45	40	545 462
Buchanan	31,455	6,009	3 130	135	617	4	4:1	.3.3	417
Buckingham	13.389	2.851	1.550	33.5	146			.7.5	286
Campbeli	70.485	17,090	12 290	270	4,989	.319	1,174	163	£5.019
Lynchburg Caroline	Independer 13.945	it Cny==mei 3.025	1 590	72	405	1	٠	25	379
Carroll	25,901	5,732	3.010	85	356	í		123	3:29
Charles City	4,275	881	4 (44)	1.6	อิฉิ	. –	· —	1	
Charlotte	15.810	3.348	15.40	.338	220	+	:34	35	.2.21
Che-terfield	$\frac{31.165}{7.158}$	1,589 1,588	4,600	104	$\frac{1.108}{395}$	:1	7.14	121 33	1.242
trais	8 765	907	4:90	18	153	1	,.,	10	749
Culpeper	13,365	3,130	1 770	4:3	596	::	129	:47	114
Cumberland	7.500	1.6631	870	15	52	12		16	105
Dickenson Diawidde	21.084	4.116	2 33000	7.5	413	12	653	16 95	362 73.025
Dinwiddle Petersburg	18.689 Independer	- 11.290 n City—meb		271 mrv. doc	3,695	1 -	*1.,.,	.,,	10.00.0
Elizabeth City	31.743	9,141	6,910	121	2.151	1.3	289	49	11,889
Hampton	Independer	n City—inch			/ 1-				
Essex	6 091	1.420	740	53	312			-751	257
Faurlax	$\frac{40,668}{21,162}$	> 568 4.915	5 180	65	1.479	:	53 122	89 57	$\frac{1}{1}, \frac{651}{1}$
Floyd	11,903	9.898	1.120	26	113	4	36	23	380
Phivamia	7,080	1.663	850	26*2	1 - 1	:;	21	15	4.00
Franklin	25,841	5.510	2.850	55	4117	5	.113	85	695
Frederick Winchester	26,074	6,716 it Cuy—meb	4.550	119	1,766	9	364	86	1 151
Giles	14.627	2.112	1 190	23	389	5	99	::1	505
Glotteester	9.541	2.471	1,400	-16	329	• 2	F.,	37	389
Goochland	8,560	1.701	910	34	. 92	-		19	2350
Grayson Greene	$\frac{21,903}{5,181}$	$\frac{4.952}{1.113}$	2 7 1 0 580	341	353	1	71	57 18	$\frac{1.459}{158}$
Greensville	14,860	3 124	1,730	11	612	-1	71	37	541
Halifax	41,260	8 111	4.750	108	912	9	177	98	1 201
Hanover	18,4190	4.150	5.500	7.8	9103	::		63.5	944
Henrico Richmond	232 217	- 61-540 # City—meli		1.127	24,105	115	5 167	4:340	41.458
Henry	36 300	1.585	4 760	164	1,19:25		11.744	1112	1.938
Martinsville		a trity—inch		nty show					
Highland	4.872	1.078	570	- ';	4.97			19	84
Isle of Wight James City	13.877 8.879	$\frac{3.122}{1.741}$	1.130	71 25	508 595	::	167	:15 :27	524 645
Williamsburg	Independen	r City—inch						• /	.,,,,
King and Queen,	6,952	1.556	780	15	140			>	: 32
King George King William	5, <b>4</b> 44 7,897	$\frac{1,384}{1.897}$	720 1,030	34	193 326	-:		11	175
Lancaster	8,782	2.169	1 210	19	313	4		:3:3	475 393
Lee	39,296	5,225	4 500	7 • 2	484	-4	7.18	241	330
Loudoun	20,451 18,673	4.762	2.720	7.4	1.135	~	117	4.4	973
Louisa Lunenburg	13.841	3,236 3 134	1 570	64 54	39.7	-+	36 78	30	158 368
Madison	8.431	1.871	191941	15	49	i		::1	175
Mathews	7.055	1,943	1 (0.30)	*2.7	185	1.2		:::1	275
Mecklenburg	31,721	6.954	3.700	7.7	569	1 #	140	112	1 710
Middlesex	$\frac{6.674}{28.026}$	1,737 6,678	930 4,200	19 97	302 1,632	1	304	::1 87	+70
Radford		CCity—inclu				1.1	.104	٠,	1,186
Nausemond	31.113	8.164	5.110	219	1.606	7	1238	7.1	‡2.136
Suffolk		1 Crry—inch							
Nelson	16,211	3 400	540	21	292	1		211	5.80
Norfolk	987,895	61 756		1.069	20.310	163	14 123	331	128
South Noriols		t Cry—inch.					+ 1 1 1		11 506
Nortolk		t Cry—inch							
Portsmouth		t City—in-li							
Northampton	15.515	1,354	2.620	109	1.219	~	97	51	187
Northumberland .	10,454	.; 44T	1.340	43	247	1	e.	2.3	÷119
Nottoway	15,538	3.450	1.990	57	7.11-2	15	148	4.4	812
Orange	12.641 $14.831$	2,965	1 700	51 -0	695	5	115	333	594
Patrick	16,614	$\frac{3,510}{3.518}$	2 000	59 56	182 169	1	91	45	481
			1 1 1 1 1 1	,	1.151	'		34	*155

	Popula-		Radio FO		OD	DRUG		AUTOMOTIVE		
County	tion	Families	Homes	Stores	Sales	Stores	Sales	Store-	Sales	
Pittsylvania	94.431	21,110	12.810	274	4.276	25	899	108	4.849	
Danville	Independent City - included in county above									
Powhatan	5,669	1,168	620	27	110			16	÷61	
Prince Edward .	14,931	3,469	1.980	1.3	196	.5	-	4!)	925	
Prince George :	20,867	4,835	34.340	88	11711	-1	186	63	¥750	
Hopewell		ar City—insi								
Princes Anne .	19,916	4.769	2.830	110	1.343	4	150	41	†414	
Prince William	15,237	3.466	3,660	64	792	٠.	132	34	604	
Pulaski	22.711	5,070	3.220	8.9	1,100	G	174	+1	1.204	
Rappahannock	7,199	1,561	820	23	139	1		T6.	139	
Richmond	6.620	1,503	780	49	-197	• •		2.2	246	
Roanoke	112.057	28.052	22,950	446	8,686	4.5	1,764	27.1	8.631	
Roanoke		an C (13 — me								
Rockbridge	26,702	6.243	3.820	82	946	`	#286	82	\$992	
Buena Vista .		ant truy—inc								
Rockingham	10 016	9,662	5,830	122	1.443	14	363	138	2.658	
Harrisonburg		nu i ity—me								
Russell	26.626	5.399	2.980	416	256	.33	39	47	480	
Scott	26,977	5.792	3,020	7.8	256	-1	40	46	466	
Shenandoah	20.971	5, 267	3 000	1)7	798	7	117	610	754	
Smyth	28.844	5 (16	3,320	111	100	15	147	59	910	
Southameton	26.457	5.550	3 050	59	701	Ð	1.347	56	971	
Spotsylvania	19.976	4,914	3,230	163	1,772	Ei	33345	68	#*2,117	
Frederick-burg :	Independe	ент Сиу—чис	uided in co.	anny aboy						
Stafford	9.598	2,146	1.150	50	264			18	sķ:	
Surry	6.186	1.494	830	:11	157	1		3.9	†83	
Sussey	12.489	2.713	1,490	47	340	5	54	34	429	
Tazewell	41,307	8,7466	5,300	1.23	1.362	10	311	53	1,313	
Warren	11,313	2,590	1.580	:54	626	5	125	49	768	
Warwield	46,171	11,928	9,050	*2:34	4,715	20	1685	18	\$3,552	
Newbort News .	Independ	ent City me	Inded in co.	one's abov	r-					
Washington	47.969	10.810	6,550	147	1,600	10	397	118	2.468	
Bristol	Independ	ent Cuy-me	luded in eo	unty abox	e					
Westmoreland	9.501	2.290	1.240	52	293	33	:37	1:2	167	
Wise	52,412	11,066	6,860	149	1.752	15	257	66	1.769	
Wythe	22.801	1.963	2.860	:19	67.1	1	125	84	1.094	
York	8,837	2.108	1,230	51	337.7	*2	**	19	*156	
TOTAL STATE	2.637.338	627,550	113,180	10,215 8	113,031	789	826,116	5,928	\$ <del>137,360</del>	

						Popular	tion	1,736,191		
$\pi \wedge \pi \wedge \pi$	2 N N		◒╦◜	$\bigcirc$ [	<b>N</b> II	Familie	s		534,237	
\V\\\		II I <i>N</i> VI ((	(		MI		Homes		502,780	
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	<i>9</i> U U	11 N 21 6	י ע פ						,,,,,,	
4.3	6.168	1.658	1.590	24			0.24	25.16		
Adams	8.403	2,472	2.350	23	$\frac{$405}{505}$	1 2	\$81	36	5714	
Benton	11.987	3.331	3,200	3.9	729	6	80	26 46	290 703	
Chelan	34,406	10.352	9.860	10.5	3.318	18	680	130	3.528	
ClaBam	21.464	0.512	6.140	70	1,965	13	242	66	1.794	
Clark	48 438	1+.585	10,890	178	3,426	16	358	164	4.106	
Columbia	5.540	1.621	1.530	20	354	:2		20	320	
Cowlitz	39 504	11.552	10.880	135	3.176	17	394	123	3,767	
Douglas	9.522	2.545	2.450	25	369	1	21.4	29	516	
Ferry	4.690	1.398	1.350	21	286	•1	=	15	124	
Franklin	6,297	1.871	1,760	21	647	4	82	31	660	
Garfield	3,359	987	250	6	127	3	57	$\frac{51}{10}$		
Grant	14.547	4,652	4.460	68	1.674	12	282	85	†111	
Grays Harbor	51.901	16.312	15.450	260	5.805				1,441	
Island	6 029	4.009	1.930	31	219		597 37	172	5.356	
	8,813	1,610	2,460	42		4		25	216	
Jefferson	503,294	167,737	158.100		819 50.060	-	81	31	431	
King	44.371	13.998	13,300	$\frac{2.541}{186}$	4.415	29	8,345	1.261	48,589	
Kitsap	20 101	5.796	5 450				647	114	3,096	
Kittitas	11.373			71 40	1,90 <b>4</b> 866	9 7	206	100	2,300	
Klickitat		$\frac{3,363}{12.122}$	3,230				80	48	911	
Lewis	40.008		11.530	153	2.946	17	357	155	3.153	
Lincoln	11.343	3,282	3,150	43	887	10	154	65	1,329	
Mason	11.606	3.631	3.130	67	1,073	4	126	38	709	
Okanoran	24.619	5.286	5,050	68	1,235	17	245	81	1,710	
Pacific	15,726	4.890	4 630	> L	1,594	0	115	38	996	
Pend Oreille	6.980	2,090	2.000	33	514	$\alpha$	81	:34)	539	
Pierce	175.651	55.124	52,100	855	16.407	733	2.077	513	15.716	
San Juan	3 102	1.029	090	18	283	1	*	G	†52	
Skarit	37.502	11.073	10.430	156	3.014	18	293	166	2,951	
Skamania	4.621	1.410	1,350	18	248	а	21	20	213	
Snohomish	88,441	27.402	26,050	354	7.651	23 G	845	305	6.961	
Spokane	164.230	49,983	47.100	714	14.530	(19)	2,526	452	15.833	
-	18.645	5.540	5.330	56	1.071	10	121	60	932	
Stevens	10.01	0.040	0,000	90	1,071	10	121	90	932	

Popula-			Radio	FOOD		DRUG		AUTOMOTIVE	
County	tion	Families	Homes	Store	s Sales	Stores	Sales	Stores	Sales
Thurston	36.895	11.590	10,910	143	3.291	16	519	138	3.150
Wahkiakum	4,256	1,263	1.220	1.3	215	1		11	79
Walla Walla	30,535	8.403	7,980	104	2.444	11	534	101	3.164
Whatcom	60.235	18,484	17,550	241	4,841	:29)	776	214	4.647
Whitman	27.192	7.834	7.450	9.3	2.188	20	391	109	2.562
Yakima	08.586	28,427	27,200	305	8,615	38	1,155	336	8,758
TOTAL STATE	1.736,191	531.937	502,780	7.127	8154,116	860	 822,696	5,398	\$152,661

W. V	/IR	GI	NI		Popula Famili Radio				901,974 445,686 336,670
					100010	TTOME			,0,010
Barbour	20.061	4.882	1,000	58	\$616	:;	54×	39	8416
Berkeley	29.081	7.515	6.000	166	1.607	Đ	3:2:2	7±	1.669
Boone Braxton	28,533 $21.563$	6.079	5,050	83	1.012	• • • • • • • • • • • • • • • • • • • •	11	29	847
Brooke	25.525	$\frac{4.648}{6.195}$	3,770	45 102	111	-1	73	28	534
Cabell	97,389	25.057	$\frac{5.340}{22.150}$	454	1,509		144	49	951
Calhoun	12.455	2.604	2.110	21	$\frac{6.542}{153}$	17	1.315	149	6.823
Clay	15,208	3,056	2.500	27	302	í	a	$\frac{18}{13}$	376 † <b>116</b>
Doddridge	10.926	2,611	2.130	25	348			25	137
Fayette	80.674	17,800	14.850	161	2.95+	14:	379	81	2,978
Gilmer	12,043	2,706	2,200	18	320			24	†145
Grant	8,804	2.018	1.640	35	233	1	t <sub>e</sub>	28	325
Greenbrier	38,432	8.670	7.150	115	1.703	21	183	7.5	1.537
Hampshire	12,962	2,972	2.420	07	456	- 5	N/I	39	551
Hancock	31.633	7,513	6.450	113	2,541	1:3	281	49	1,258
Hardy	10,810	2,293	1.870	3:3	159	4	27	1.5	379
Harrison	82.948	20,603	17.300	325	5.124	27	765	149	3.790
Jackson	16.385	3.932	3,190	38	279	:3	54	3.4	587
Jefferson	16.759	4.100	3,390	11	674	î	101	46	717
Kanawha	195.404	46,712	39,500	726	13,464	71	2,036	263	19.669
Lewis	22,899	5.091	4.220	89	965	6	1+51	53	924
Lincoln	67,756	4.672	3,800	1j±	269	1		16	†83
Logan McDowell		14,123	11,680	164	2,060	- 8	318	73	2,640
Marion	$\frac{91.311}{68.555}$	$\frac{19,982}{17,937}$	16,520	505	3,676	16	346	92	2.667
Marshall	10.115	9,475	$14.410 \\ 8.060$	175	$\frac{4.128}{2.363}$	21	506	111	3.392
Mason	22,214	5,227	4.220	59	693	13	188	8.3	1.104
Mercer	68,329	15.597	12,860	207	3,275		751	31 123	$\frac{383}{3,273}$
Mineral	21,286	5.458	1.550	95	1.206		85	49	899
Mingo	40.792	8.707	7.110	178	2.061	5	247	46	1.540
Monongalia	51.236	13.175	11,100	187	3.747	13	445	115	3.088
Monroe	13.567	2.978	2,100	.5 1	3:21	• • •	٥	27	385
Morgan	8.986	2.148	1.770	52	505		1.	17	÷83
Nicholas	24,072	5.078	4.050	18	752	.;	*	35	411
Ohio	73,162	19.596	17,100	390	7.588	33	1.281	141	$\pm .910$
Pendleton	10.884	2,168	1.760	20	.52	1	,	27	316
Pleasants	6,710	1.670	1.380	20	359	:		17	381
Pocahontas	$\frac{13.917}{30.396}$	3,054 7,096	2 500 5,830	45 86	441 1.022	15		35	408
Putnam	19,490	+.435	3.620	7:3	516	.;	81	75 31	$\frac{951}{374}$
Raleigh	86,723	18,940	15,550	226	3.454	11	454	112	3,536
Randolph	30.166	6.846	5.560	84	1.448	6	216	7,0	1,556
Ritchie	15.387	3.880	3.180	48	443	+	67	36	506
Roane	20.780	+,+:34	3,600	57	557	- 0		3.2	740
Summers	20.406	+.676	3.870	5+	741	-3		25	469
Taylor	19,900	4,858	4,030	7:3	1,088	5	167	48	596
Tucker	13,169	3,023	2.510	-57	502	3	45	20	336
Tyler	12,553	3.270	2.650	39	47.2	3	1.1	35	501
Upshur	18.347	4.577	3.720	58	746	ä	109	39	750
Wayne	35.188	8.544	6.970	53	501	5	83	3.2	†162
Webster	18.075	3,785	3 100	-2.0	333	3	52	15	÷185
Wetzel	22.342	5.346	1.870	; 0	1.192	9	112	55	626
Wirt	6.471	1.562	1,260	11	35	:	11.	1:2	96
Wood	62,366	16.782	14.500	281	4.513	10	706	136	3.147
Wyoming	20,782	6.179	5.100	61	7.57	4	89	22	
wyoming	-11,10.	0.178	3.100		181				786
TOTAL STATE	1,901,971	145,686	336,670	6,379	893,227	177	812.889	3.118	\$77.877

<sup>\*</sup>Data unavailable. †Filling Station Sales only.

# WISCONSIN Population Families Radio Homes

Radio Homes

3,137,587 823,929 687,320

				- '	Radio fromes		. 551,621		
	Popula-		Kadio		FOOD		DRUG		MOTIVE
County	tion	Families	Homes	Stor		-1016		Stores	Sales
Adams	5.441	2.271	1.590	36	\$284	• • • • • • • • • • • • • • • • • • • •		23	\$191
Ashland	50'055	5.235	1.280	70	1,698	*	174	$\frac{57}{133}$	1,319 2,290
Barron	34,062	8.741	6,390	11	1.291 713	14 5	270 92	39	557
Bayfield	15 147 80,970	4 096	2,940 17,200	37 301	6 975	, j	1.095	189	7.281
Brown	16 088	4.104	2,930	48	540	Ĝ	78	39	744
Buffalo	11,353	3.084	2 130	- 3×	200	.5	41	29	410
Calumet	17 595	4.373	3 150	51	656	8	120	50	1.108
Chippewa	40,602	9.595	7.330	123	2.007	1.3	205	102	2 207
Clark	33,903	8,57%	6,000	93	1,248	1 '2	155	85 136	$\frac{1,292}{2,375}$
Columbia	32,438	8.844	6.980	92	2 155	16	329 77	130 65	915
Crawford	18,325	4.553	3,420	44 450	666 12 326	4 7.5	2,580	354	11.372
Dane	130,307 $53,480$	$\frac{35.326}{13.731}$	29,960 10,900	137	2.55%	23	346	160	2,657
Dodge	18,936	1,937	3.750	7.2	973	15	193	61	1,288
Douglas	46,821	12,799	11,190	201	4 624	.21	626	113	3,328
Dunn	27 320	6.633	1.950	70	959	15	110	2.5	1.299
Eau Claure	46.997	12.500	10.670	135	3,722	1.5	608	107	3.751
Florence	4.157	1.088	800	14	221	1		13	+63
Fond du Lacce	62,278	16,348	13.610	234	1.852	-3×	909	147	4.242
Forest	11.767	2,697	2,050	30	505	3	46	28	127
Grant	40.611	10.837	> 140	118	2,246	16	267	141	2.781
Green	23.142	6,469	4,980	H.j.	1.441	1.5	254	81	1.639
Green Lake	14.701	4.037	3,150	53	933	9	122	2 ×	1.158
Iowit	20,559	5.430	3,940	47	851	12	99	70	831 †211
Iron	10.040	9.579	2,030	47	850	::	-1-1	29 68	1.054
Jackson	16,554	4,190	2,960	4;	804	- 6	85	136	3,295
Jefferson	38,795	10,818	8,780	145	3 640	10	385 113	77	1,239
Auneau,	18,676	4.945	3,580	53	1.10%	9 98	918	199	3,807
Kenosha	63,353	16,152	15 050	211	6 132		74	52	616
Kewattnee	16.661	4.261	3,070	43 207	513 5 845	5 20	589	126	3,900
La Crosse	59,613	15.878	13 800	61	983	- 10	7:3	65	1,301
Latayette	18,673	4.814	3.520	94	1.710	9	164	62	1,599
Limzbide	23 251	5.588 5.707	4.410	67	1.228	7	203	67	1,200
Lincoln	22.338		4,640 13,210	237	5,238	ej.	458	146	4.222
Manitowoe	61 431 55,353	15,848 $18,019$	14,230	213	4.528	20	463	177	4.062
Marathon		9,098	7.230	102	5 500	10	127	96	1 798
Marinette	36,096 9,098	2.531	1,820	32	+79	3	30	11	550
Marquette Milwaukee	765 480	209,688	194,900	3.234	83,756	416	11,908	1.173	55,681
Mouroe	30,032	5,700	5,860	83	1.508	11	234	96	1,7 ? ?
Oconto	25,046	6,539	4.850	86	1.215	8	87	8.5	1,071
Oncida	18,761	5,061	4,200	70	1.910	11.	224	7.8	1,742
Outagamic	60,000	17,101	14,400	217	5.701	-2-2	(169)	158	4.707
Ozankov	18.982	4.999	3.860	62	1.240	6	114	60	1,480
Pepin	7.906	1.987	1.400	::4	426	4	46	27	499
Purce	21,447	5,800	4.070	67	1.056	51	122	741	1.882
Polk	26.197	15,834	4,780	4!+	7:3:3	11	191	92	1.616
Portage	35.692	8,205	6.500	108	2,326	51	305	95	2,048
Prince .	17.983	4.766	3 510	3133	679	.5	108	55	819
Racine	93 969	24.971	55 580	394	10,129	38	1,357	194	6.175
Richland	20.382	5.286	3,910	55	1.023	9	161	85	1.022
Rock	80.002	22.474	19,300	268	8.558	35	1.117	219	6.110
Bu-k	17,703	4.435	3.240	14	865	4	.97	57	965
St. Conx	24.815	0.34.7	4.860	81	1.168	11	176	8-2	1.404
Sauk	33.713	9,125	1.080	91	2,162	11	220	133	2.678
Sawyer	10,135	2,020	1,900	31	587	4	98	37	635
shawano	34.881	7,804	5,750	104	1,163	10	158	109	1,703
Sheboygan	76,224	\$0,565	17,5711	231	5,930	30	792 =0	181 40	4,79%
Taylor	20,103	4.928	3,450	41	642	4	7(1	87	837
Trempealeau .	24,378	6,197	4 430	51	778	11	146 180	93	1.191
Vernon	29,909	1,562 2,357	5.390 1,190	78 31	J.296 916	2	100	45	1,289
Vilits	7.740	9 172	7,580	145	3,391	19	474	141	758 3 1 5 6
Walworth	$\frac{33.024}{12.481}$	3 872	2,440	35	768	4	116	20	3,156 653
Washburn Washington	$\frac{13.481}{28.430}$	3 4 1 5	5,780	75	1 687	÷	194	30 74	1.874
Wattkesha	62,588	16.489	13 410	205	5 379	21	615	196	4,387
Wampaca	04,576	9.252	7,170	109	1.946	16	255	130	2.767
Waushara	14.153	3,911	2.780	37	302	- 41	91	+115	791
Winneba_e	80,439	21,769	19,130	2021	1,188	31	989	180	5.342
Wood	44.476	11,143	9.010	108	3,198	13	570	105	3,127
TOTAL STATE		823,929				1,310			
— IOIAL SINE	3,131,081	0.29,0.20	071.330	10,803	8250,916	1,010	831,176	(371)	\$209,312

<sup>\*</sup>Data unavailable. †Filling Station Sales only.

#### WYOMING Population . . . 250,742 **Families** 69,227 . . . Radio Homes 55,520 Popula-DRUG AUTOMOTIVE Families. tion Homes Stores Sales Stores Sales Stores Sales Albany 13,938 1077 -1,540 3.480 2312 - 5 8296 52,109 Big Horn ..... 12.928:;;~ 937 154 1.317 5.977 1.75% 3.724 Campbell ..... 1,200 19 450 585 $\frac{12.512}{6,609}$ 33,0500 35 1.425234 1.807 584 241 1,081 1,943 1.140 ĵ, :)1 1.11 Creok 5 147 1.491 1 020 24 31 34 21 25 50 2016 Fremont ..... $\frac{16.113}{12.185}$ 4,352 33,337.0 51 196 1.674 3.089 2.230::4 756 135 905 4,657 1,954 $\frac{1.440}{1.516}$ 1.170 1.5 406 100 1.9 399 Johnson ...... 1.1301.5 408 23 57 455 Laranne 30,143 8,210 2,552 7,100 2,050 2 956 100 105 539 539 4 100 457 Lincoln ...... 10/263 353 117 18 857 Natrona ...... 1,365 6,450 23,860 150 10 .. 91 103 $\frac{3.051}{875}$ Niobraro ...... 1711 5.930 1: 1 7 5 22 56 3.7 Park 10,910 2,060 7.50 207 137 1.538 Platte 7.987 2.229 £ 650 564 4.5 $\pm 031$ Sheridan Sublette 19.1995.435 -4.450101 312 -1.8205.4 3.8472 5.587 5.587 705 1,792 3,172 310 30 15 Sweetwater 19.384 4.730 1511 ¥ 055 2 121 255 1865 Telon ....... 2.500 7.202 520 10 20 315 51 Vinta 1.450 662 30 31.1 ×7.8 Washaku: ..... 5,879 1.442 1.0801.1 485 9.1 1 ( 598 Weston . 1.911 980 7.4 32 6223Yellowstone Nat. Park (Part) . TOTAL STATE... 250,712 69,227 55,520 796 821,091 133 81,213 1.096 829,778

Data tmayadabbe. #Falim2 Streton Sales only. Autometive Sales only.

#### All Money Values Are In Thousands (\$000) of Dollars

ADDITIONAL DATA COVERING RADIO FROM THE 1940 CENSUS WILL APPEAR REGULARLY IN RADIO DAILY AS OFFICIALLY RELEASED FROM WASHINGTON.

## DON LEE'S INCREASED FACILITIES MEAN

# New Opportunities for Advertisers



#### STUDIOS

Don Lee's brand new, \$500,000, Hollywood studios include new equipment, increased facilities for program production and three auditoriums for audience participation.



#### COVERAGE

Don Lee adds two new stations to guarantee complete coverage.\* More than nine out of every ten Pacific Coast radio homes are within 25 miles of a Don Lee station

\*Lates: figures show Pacific Coast population increased to nearly 10 million!



#### POWER

Power increases to 5000 warrs full time on three Don Lee key outlets-Los Angeles, Portland, San Francisco-further insure Don Lee's dominance in these major markets.



#### BUSINESS

Don Lee chalked up a 78% increase in regional business over last year ... more than twice as much as all other Pacific Coast networks combined. Advertisers know Don Lee coverage pays-at the cash register.





5515 MELROSE AVE., HOLLYWOOD, CALIF. THOMAS S. LEE, Pres.

LEWIS ALLEN WEISS, Vice-Pres. and Gen. Mgr. JOHN BLAIR & CO., NATIONAL REPRESENTATIVES

BROADCASTING SYSTEM

THE NATION'S GREATEST REGIONAL NETWORK



# NETWORKS OF THE UNITED STATES



NATIONAL REGIONAL



### COLUMBIA



WILLIAM S. PALEY

**D** PRING the past year, as never before, radio has proved its ability to keep pace

with history. In this way it has met its responsibility of bringing news of the world, speedily and impartially, to its listeners.

CBS added substantially to its list of affiliates during the year just ended, and led all other single networks in gross cumulative billings, reaching the \$41,025,549 mark, an increase of 18.8 per cent. National defense, keynoting the majority of course dominate the broadcasting activity of 1940. Along these lines CBS will again carry its share of the job.

Included in the activity that high-lighted the past year were the improved program standards, the establishment of an international division of affiliates; increased scientific discoveries; exploring of new frontiers in television, including the new color process; more than 11,000,000 new radio sets purchased by the public for homes and autos, an increase of 2,000,000 sets over the previous year, and now giving the U. S. approximately 52,000,000 radio sets in use throughout the 48 states.

#### **News Activity**

Reduced to barest statistics, CBS' news department completed 2,081 pick-ups from 19 European countries, 2 far east points and 5 Latin American points. These broadcasts included, in the main, coverage of the war in Europe, including actual descriptions of the bombings of Berlin, Paris and London and the blitz-krieg warfare that shook the entire world during 1940.

#### Presidential Election

1940 was the presidential year, and the

### BROADCASTING SYSTEM

highly-publicized third term issue was thoroughly covered. CBS presented 28 broadcasts from the Republican Conven-

tion and 16 from the Democratic conclave in Chicago. The commercial biz billed during the election period helped to boost network billings to a new all-time high. A five and one-half hour broadcast election eye was featured.

#### Serious Music

There were 1,320 broadcasts of serious music, totaling 530 hours of air time, heard over CBS facilities during the year. Of this figure, more than 1,200, or 475 hours, were sustaining, and 115 commercial, or 55 hours. The New York Philharmonic began its 11th year on CBS and aired 30 concerts.

#### Engineering

Construction was started on two new high fidelity 50,000 watt international broadcast stations near Brentwood, L. I. In conjunction with the two new stations, 8 antennas are being built exclusively for Latin America, capable of 15 different broadcasting combinations with either of the two stations.

Design and supervision of installing all audio facilities in the new CBS Building, including the design of a new control console which eliminates all equipment racks from the control room was completed.

#### Color Tele

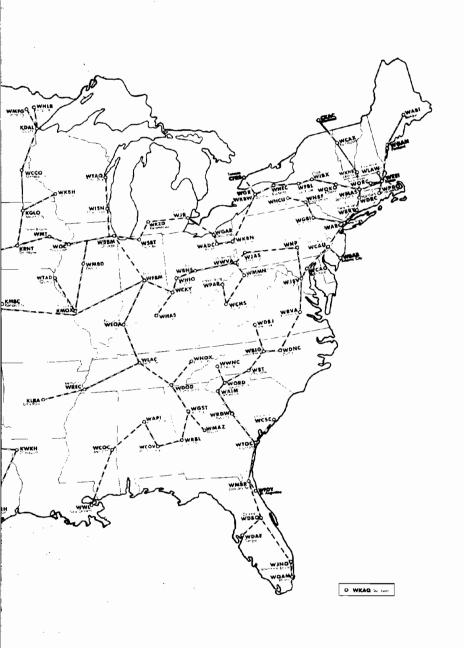
Late in August the successful laboratory demonstration of color television was announced, a revolutionary development in the industry. The system was invented and developed by Dr. Goldmark, chief tele engineer of CBS.

### COLUMBIA BROAD



NETWORK FACILITIES AS OF JAN 1st, 1941

### CASTING SYSTEM



#### 485 Madison Avenue, New York City (Telephone number, Wickersham 2-2000)

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Vice-President in Charge of Operations	Arthur S Padgett Auditor

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Allyn Jay Marsh	Assistant Sales Manager
William J. Fagan	Assistant Sales Manager
Torrence E. Danley Ac	ting Sales Service Manager
Howard Meighan	-
Eastern S	ales Manager, Radio Sales
J. J. Karol Mark	et Research Sales Counsel

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Chief Statistician of Market Research George Mateyo,

Assistant to Director of Market Research Thomas D. Connolly,

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Gerald Maulsby ...... Production Manager Leroy Passman,

Assistant Director of Program Operations William H. Fineshriber, Jr.,

Director of Music Division

and the property of the second

James H. Fassett....Assistant on Serious Music Alton M. Rinker..... Assistant on Light Music Max Wylie..... Director of Script Division S. Mark Smith,

Assistant Director of Script Division Francis C. Barton, Jr... Director of Program Service James F. Burke.

Assistant Director of Program Service Paul W. White ..... Director of Public Affairs Robert S. Wood.

Assistant Director of Public Affairs William J. Slocum, Jr.

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Assistant Director of Educational Programs Helen Sioussat.... Assistant Director of Talks Jan Schimek.....Director of Copyright Division Julius Mattfield....Director of Music Library Edmund Chester,

Director of Broadcasting to Foreign Countries Elizabeth Tucker

Director of Short Wave Programs

والمراجعين وينوا والمسير

Walter R. Pierson,	L. F. Erikson
Manager of Sound Effects Division	Robert N. BrownProgram Director
Harriet Hess, Supervisor of Program Typing Division	Frank B. Falknor,
Gilson B. Gray	Central Division Operations Engineer & Chief Engineer of WBBM
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Adrian Murphy Executive Director of Television	James Kane.
Gilbert SeldesDirector of Television Programs	Director of Publicity & Special Events
Leonard H. Hole	Urban JohnsonChief Sound Technician
Manager of Television Operations	Stuart DawsonAssistant Program Director
Dr. Peter C. Goldmark. Chief Television Engineer H. I. Rosenthal Executive Vice-President	J. Oren WeaverNews Editor
of Columbia Artists. Inc.	J. Kelly Smith, General Sales Manager, Radio Sales
1. S. Becker,	Henry M. Jackson,
Vice-President & Business Manager	Western Sales Manager, Radio Sales
of Columbia Artists, Inc.	King ParkSales Promotion Manager
J. G. Gude Station Relations Manager	
Louis RuppelDirector of Publicity	Washington
Theodore Weber. Assistant Director of Publicity Michael J. Fish. Manager Photographic Division	WJSV, EARLE BLDG.
John DensonNews Editor	Harry C. Butcher,
Edwin King Cohan,	Vice-President in Charge at Washington
Director of General Engineering	A. D. Willard, JrStation Manager WJSV
A. B. Chamberlain	Wm. D. MurdockSales Manager WJSV
Hugh A. Cowham	Ann Gillis Director of Public Events
Commercial Engineer In Charge of Traffic Jos. H. Burgess, Jr	Clyde Hunt
Albert H. Bryant,	John Heiney
Manager of Mail and Files	Paul Glynn Publicity Director
& Mimeograph Division	Lloyd W. Dennis, Jr Program Director
John E. ForsanderPurchasing Agent	Lloyd W. Dennis, JrProgram Director
John E. Forsander	Lloyd W. Dennis, JrProgram Director Minneapolis
John E. Forsander	
John E. Forsander	Minneapolis WCCO. 625 SECOND AVE., S.
John E. Forsander	Wiremeapolis WCCO. 625 SECOND AVE., S. Earl H. GammonsManager of Station WCCO
John E. Forsander	Minneapolis WCCO. 625 SECOND AVE., S.
John E. Forsander	Wirmeapolis  WCCO. 625 SECOND AVE., S.  Earl H. Gammons Manager of Station WCCO Carl Burkland
John E. Forsander	Wirmeapolis  WCCO. 625 SECOND AVE., S.  Earl H. Gammons Manager of Station WCCO Carl Burkland
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John E. Forsander	WCCO. 625 SECOND AVE., S.  Earl H. Gammons Manager of Station WCCO Carl Burkland
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John E. Forsander	Wirmeapolis  WCCO. 625 SECOND AVE., S.  Earl H. Gammons. Manager of Station WCCO Carl Burkland
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John E. Forsander	WCCO. 625 SECOND AVE., S.  Earl H. Gammons Manager of Station WCCO Carl Burkland Sales Manager Hayle C. Cavanor (Mrs.) Program Director H. S. McCartney Chief Engineer Emmetr J. Heerdt, Jr Accountant Robert L. Hutton, Jr., Sales Prometion & Publicity Manager Alvin B. Shechan Director of Artists Bureau  St. Louis  KMOX, MART BLDG.  Merle S. Jones Manager of Station KMOX Arthur Casey Assistant to Station Manager K. W. Church Sales Manager C. G. Renier Program & Production Director Louis McC. Young Chief Engineer James S. Johnson Sales Promotion Director Jerry Hoekstra Public Events & Publicity Director
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Chicago

410 NO. MICHIGAN AVE.
H. Leslie Atlass.......Vice-President, Chicago
J. L. Van Volkenburg....Assistant to Mr. Atlass

COLUMBIA SQUARE

D. W. Thornburgh...Vice-President, Los Angeles George L. Moskovics. Director of Sales Promotion

Charles D. Ryder, Jr......Accountant

Lester	Bowman, Western			ons Engineer neer of KNX
Nelson	G. Pringle		<b>.</b>	News Editor
Charle	s Vanda V	Vestern	Director	of Programs

Fox Case,
Director of Special Events & Public Events

#### San Francisco Office

PALACE HOTEL

Arthur J. Kemp. Sales Manager, Pacific Network Charles Morin... Account Executive, Radio Sales

#### Charlotte, N. C. WBT, WILDER BLDG.

A. E. Joscelyn	Manager of Station WBT
Royal E. Penny	Sales Manager and
Acco	ount Executive, Radio Sales
Edward De Gray	Accountant
Chas. H. Crutchfield	Program Director
James Beloungy	
William G. Carley !	Director of Sales Promotion

#### Boston

#### WEEI, 182 TREMONT ST. Harold F Fellows Manager of Station WEEL

Kingsley HortonSales	
Lloyd G. del Castillo	•
Production Manager and Musical	Director
Philip K. Baldwin	Engineer
John J. Murray	countant
Dorothy Drake	

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G. T. C. Fry.....Manager of Sales Promotion
Kenneth Krentel.....Manager of Research
H. A. Carlborg...Account Executive, Radio Sales

#### Foreign Staff E. R. Murrow. Chief of European Staff—London

<b>=</b> :	
Larry Le Seuer	London Correspondent
Joseph Congress	
William L. Shirer,	
Central European Re	
Harry Flannery	Berlin Correspondent
Cecil D. Brown	. Rome Correspondent
Sigrid Roll	. Oslo Correspondent
David Anderson Stoc	
Winston BurdetteBe	elgrade Correspondent
Leigh White Bu	dapest Correspondent
Retty Wason	Athens Correspondent

Farnsworth Fowle..... Correspondent in Turkey

Edward Chorlian .... Cairo Correspondent

Correspondent in Guayaquil, Ecuador Jorge Mantillas. . Correspondent in Quito, Ecuador Jack Fendell. . Correspondent in Bogota, Columbia Franklyn Whaite,

Correspondent in Caracas, Venezuela John Adams,

John Adams

William J. Dunn.

Correspondent in Rio de Janeiro, Brazil Carlos Griffin...Correspondent in Santiago, Chile Herbert Clark,

Correspondent in Buenos Aires. Argentina Claude Guyant.....Correspondent in Lima. Peru John Vebber,

Correspondent in Asuncion, Paraguay Norman Stines, Jr.,

Correspondent in La Paz, Bolivia

#### Stations Owned and Operated, or Leased by the

WABC	New YorkOwned and operated by CBS.
	ChicagoOwned and operated by CBS.
	Charlotte, N. COwned and operated by CBS.
WCCO	Minneapolis Owned and operated by CBS.
WJSV	WashingtonOwned and operated by CBS.
KMOX	St. Louis Owned and operated by CBS.
KNX	Los AngelesOwned and operated by CBS.
WEEL	Boston Owned by Edison Illuminating Co., of Boston
	Leased and operated by CBS.

### MUTUAL

THE Mutual Broadcasting System, cooperative network of the nation, began 1941 with the best prospects

in its history. Mutual's sixth birthday was celebrated in 1940. There are a number of reasons why we are looking forward to its seventh anniversary on September 15, 1941. Growth is a matter of absorbing interest, be it the growth of an industry, a community, or of a great radio network. And Mutual is growing.

Four stations formed the Mutual Broadcasting System at its inception in 1934. In January, 1940, there were 118 MBS affiliates. At the dawn of 1941, there are 168—an increase of 50 in one year. Indications are that by the end of 1941, there will be 200 stations affiliated with Mutual.

#### Programs

Mutual and its major originating stations greet 1941 as a year of opportunity to provide outstanding programs covering the whole field of radio entertainment. Much was accomplished in 1940. Mutual became synonymous with good music. The Philadelphia orchestra, the Chicago Symphony, and the Chicago Opera were presented regularly, all on an exclusive basis.

Such stimulating shows as Double or Nothing and The Show of the Week originate in the WOR Playhouse. In Chicago Tonight is another contribution from the WGN audience studio. KHJ provides Adventures in Rhythm, California Melodies and the I Want a Divorce half-hour series.

In sports, Mutual again has options on exclusive breadcasts of the world series and national professional football championship game. New Year's Day brought



W. E. MACFARLANE President

### BROADCASTING SYSTEM

exclusive Mutual broadcasts of the Cotton Bowl and East vs. West All-Star contests.

#### News Coverage

Space does not permit a thoroughgoing outline of the amplified news coverage, unique special events, and public service broadcasts in store for 1941 via Mutual. I should like to mention the exchange of programs with South American nations, which will be a Mutual feature in 1941. The series was begun last Christmas Day when a holiday program was piped to Mutual from Buenos Aires. Then on New Year's eve Mutual reciprocated by sending the music of Guy Lombardo to Argentina.

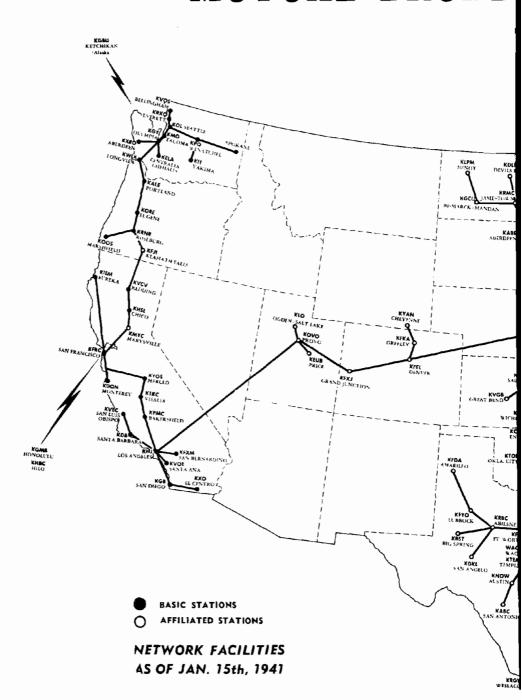
#### Discount Plan

The continuous expansion of the coast-to-coast network has assured the success of the Mutual Volume Discount Plan, which brings the advertiser a maximum listening audience at reduced rates. The sponsors of Raymond Gram Swing, Wythe Williams, Double or Nothing, Captain Midnight and other series use Mutual hookups of from 70 to 115 stations.

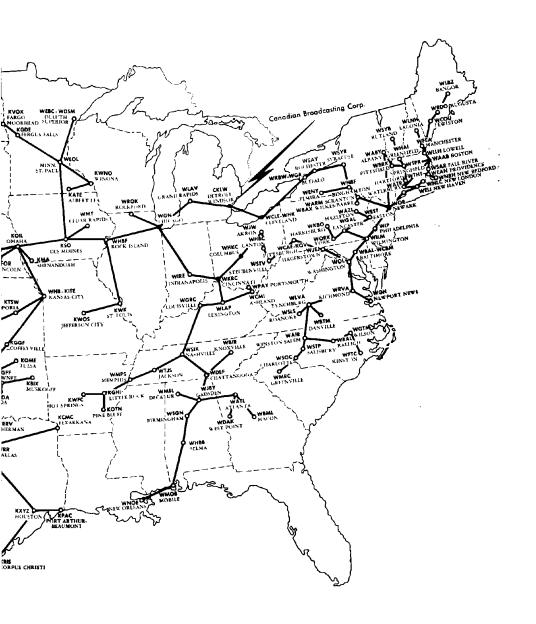
The new sales formula was one reason for the increase in annual Mutual billings. The figure for 1940 was \$4,767,054—some 34 per cent above the 1939 total of \$3,329,782. Exceeding the \$5,000,000 mark is one of Mutual's goals for 1941.

Stations of the Mutual network in many instances are pioneering in the development of Frequency Modulation broadcasting. Of the three underwriters of the network, WOR and WGN each has been licensed to broadcast FM at this writing. The Don Lee network, a pioneer in AM and television, also has made application for an FM license.

### MUTUAL BROAD



### CASTING SYSTEM



# MUTUAL \*\* Broadcasting System

Administrative Office Chicago Tribune Tower, Chicago, III. Phone, Superior 0100

New York Office 1440 Broadway, New York, N. Y. Phone, PEnnsylvania 6-9600

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Frank P. Schreiber....

Edward W. Wood, Jr......Sales Manager

.WGN, Chicago, Ill.

William B. Dolph....WOL, Washington, D. C.

Eugene O'Fallon......KFEL, Denver, Colo.

John Shepard I'I..... The Colonial Network

### NATIONAL

high in efficiency.



NILES TRAMMELL President

THE year 1940 gave radio a remarkable opportunity to demonstrate the scope of its service to the American public by accurate and complete coverage of the European war and the selection of a President of the United States. These outstanding events found radio's news organizations operating at a new

Of all events of the year, the presidential campaign was perhaps of the most intense interest to this country. Radio, operating as a free instrument of that democracy which gives it life and strength, made its facilities equally available to all political parties so that the issues of the campaign might be freely discussed and fully known.

#### Public Service

Evidence that the American system of broadcasting is continuing to render a wide national service is found in the large number of public service programs aired during 1940-an activity made possible only by the revenue from commercial programs.

American listeners, as well as those peoples within range of NBC's short wave programs received an accurate and complete picture of events throughout the world. NBC representatives in the capitals of belligerent nations, and in all news centers of this country, as well as the fine coverage by the American press associations, made this possible.

With the launching of the greatest peace-time defense program in history. the radio industry was ready to aid in every way possible the successful execution of the program. NBC has inaugurated several special series which relate to our defense activity and will extend its service in this field as public need indicates.

### BROADCASTING COMPANY

The interest of government and industry in cementing friendly relations with the Latin-American republics has

long been shared by radio broadcasters. Continuing its leadership in this direction, NBC in 1940 increased its short wave schedule over stations WNBI and WRCA from 16 to 18 hours a day, and completed an arrangement whereby local stations in the twenty Latin-American countries can rebroadcast, without cost to them, all short wave programs originating with NBC.

#### International Shortwave

The International Division of the company also made outstanding progress in interesting sponsors in the Latin American markets. The first year of commercial operation ended on December 1.

Radio broadcasting revenue in general rose during 1940, with networks and individual stations alike reflecting an industry wide improvement. Both the NBC Red and Blue networks made substantial gains. But one of the most dramatic economic improvements of the entire industry was made by the Blue network which added many new commercial programs to its schedule.

Financial growth of the company was equalled by a substantial expansion of national coverage, including the addition of 40 stations, bringing the total affiliates of the Red and Blue Networks to 220 stations. In addition, 41 associated stations increased their ability to serve their respective communities through new transmitters, directional antennas and increased power. The Blue network strengthened its public service by the addition of a number of outlets in strategic sections of the country, particularly in the South and Southwest where 23 additional stations are now enjoying regular Blue Network service.









### NATIONAL

### Broadcasting Company

30 Rockefeller Plaza, New York City (Telephone number, CIrcle 7-8300)

Registered Telegraphic Address
NATBROCAST NEW YORK

#### **BOARD OF DIRECTORS**

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Trammell, Niles

Harbord, James G. Harden, Edward W. McGrady, Edward F. Millhauser, DeWitt Nally, Edward J. Sarnoff, David

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Nelson, A. E Assistant Vice-President
Teichner, R. J Assistant Treasurer
MacConnach, LewisSecretary
Pfautz, C. EAssistant Secretary

#### DEPARTMENTS AND DIVISIONS

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	nsel
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Vice President & General Manager Graham, R. HAttorney-Hollyw	boo
Morgan, Clayland TAssistant to President Grimshaw, I. LAtto	гпеу
Angell, James Rowland. Hennessey, P. J., Jr Counsel—Washing Counselor for Public Service Programs Hurley, J	
Counselor for Public Service Programs Hurley, J	rnev
CONTINUITY Acceptance Leuschner, FrederickAttorney—Hollyy	boov
Department McDonald, J. AAttorney—Chi	cago
Myers, R. PAtto	rney
Kemble. Dorothy	rney
NBC Concert Service	
Hanson, O. B Vice-President and Chief Engineer  Clarke, William A  Vice-President & Managing Dire  Bottorff, O. O	
Clarke, William A., Bottorff, O. O	
Guy, R. FRadio Facilities Engineer (subsidiary of N	
McElrath, George Operating Engineer Jones, A. Frank Asst. to Vice-Pres. in Ch	
Milne, George Eastern Division Engineer Levine, MarksManager of Concert Divi	sion
Morris, Robert MDevelopment Engineer NBC Radio Recording	
Rackey, C. A Audio & Video Facilities Engineer Shelby, R. E Televis on Operations Engineer	
Egner, C. LloydVice-President & Man	
General Service Department Friedheim, Robert W Eastern Sales Man	
Gilcher, Vincent J Director of General Service  MacDonald, John H Business Man Parsons, Willis B Sales Promotion Man	
Dunn, AshtonPersonnel Manager Thomas. ReginaldProgram Dire	
Lowell, Edward M., Manager of Building Maintenance Division Program Department	
Widnager or building Maintenance Division	
Martin, William G. Strotz, Sidney N.,  Manager of Guest Relations Division Vice-President in Charge of Prog	rams
Martin, William G.  Manager of Guest Relations Division  Van Houten, D. B.,  Strotz, Sidney N.,  Vice-President in Charge of Prog	
Martin, William G.  Manager of Guest Relations Division Van Houten, D. B.,  Manager of Office Services Division  Strotz, Sidney N.,  Vice-President in Charge of Prog Carlin, Phillips,  Red Network Program Man	ager
Martin, William G.  Manager of Guest Relations Division Van Houten, D. B.,  Manager of Office Services Division  Red Network Program Man Hillpot, William Blue Network Program Man	ager
Martin, William G.  Manager of Guest Relations Division Van Houten, D. B.,  Manager of Office Services Division  Information Department  Strotz, Sidney N.,  Vice-President in Charge of Prog  Carlin, Phillips,  Red Network Program Man  Hillpot, William. Blue Network Program Man  Brainard, Bertha,	ager ager
Martin, William G.  Manager of Guest Relations Division Van Houten, D. B.,  Manager of Office Services Division  Tnformation Department  Mason, Frank EVice-President in Charge  Manager, Program and Talent Sales Division  Manager, Program and Talent Sales Division  Manager, Program and Talent Sales Division	ager ager isio <b>n</b>
Martin, William G.  Manager of Guest Relations Division Van Houten, D. B.,  Manager of Office Services Division  Information Department  Mason, Frank EVice-President in Charge Barnard, AnitaManager of Information Division Kostka, WilliamManager of the Press Division  Kostka, WilliamManager of the Press Division	ager ager ision
Martin, William G.  Manager of Guest Relations Division Van Houten, D. B.,  Manager of Office Services Division  Information Department  Mason, Frank EVice-President in Charge Barnard, AnitaManager of Information Division Kostka, WilliamManager of the Press Division  Martin, William S.  Strotz, Sidney N.,  Vice-President in Charge of Program Man Hillpot, WilliamBlue Network Program Man Brainard, Bertha,  Manager, Program and Talent Sales Div Menser, Clarence LNational Production Dire Almonte, J. de JaraNight Program Man Belviso, Thomas H.	ager ager ision etor ager
Martin, William G.  Manager of Guest Relations Division Van Houten, D. B., Manager of Office Services Division  Information Department Mason, Frank EVice-President in Charge Barnard, Anita. Manager of Information Division Kostka, William. Manager of the Press Division  International Relations-  Strotz, Sidney N., Vice-President in Charge of Prog Carlin, Phillips, Red Network Program Man Brainard, Bertha, Manager, Program and Talent Sales Div Menser, Clarence L. National Production Dire Almonte, J. de Jara Night Program Man Belviso, Thomas H.  Manager, Music Library Div	ager ager ision ector ager
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Sales Department	Managed Or Programmed Stations
Blue Network	Managed Or Programmed Stations
Kobak, EdgarVice-President In Charge  James, E. P. HSales Promotion Manager	Station Managers
Kiggins, KeithSales Manager	CLEVELAND, OHIO
Saudek, Robert Assistant To Sales Manager	Pribble, Vernon H., Manager, Station WTAM DENVER, COLO.
Red Network	Yoder, Lloyd C., Manager, Station KOA
Witmer, Roy CVice-President In Charge	SAN FRANCISCO, CALIF. Nelson, A. E., Manager Stations KPO-KGO
Brown, C. BSales Promotion Manager	WASHINGTON, D. C.
Showerman, I. EEastern Sales Manager Frey, George HSales Service Manager	Berkeley, Kenneth H., Manager Stations WRC WMAL
H.itz, Edward R., Assistant To The Vice-President In Charge	Treasury Department
Sales Traffic	Woods, Mark, Vice-President, Treasurer & Asst. Secretary
Greene, F. MelvilleSales Traffic Manager	Bloxham, William DPurchasing Agent Kelly, Harold MAsst. Auditor
	McKeon, Harry FAuditor
Stations Department	Payne, Glenn W Budget Officer
Hedges, William S.	Teichner, R. JAssistant Treasurer
Vice-President in Charge of Stations Norton, John H., Jr	Central Division—Chicago
Vice-President in Charge of Stations	Merchandise Mart Phone: Superior 8300
Facilities, Development and Research	Kopf, H. C Manager of The Central Division
Merryman, Philip ICo-Director	Borrott, Edwin RSales Manager-Blue Network
Lent, W. CCo-Director, Washington Office	Boyd, Maurice MLocal & Spot Sales Manager
Station Relations Department	Carlson, Emmons C. Sales Promotion and Advertising Manager
Hickox, Sheldon B., Jr.  Manager of the Red Network Division	Chizzini, FrankManager of Radio Recording Cunningham, E. CEvening Manager
Norton, John H., Jr.  Manager of the Blue Network Division	Drips, William EDirector of Agriculture
Woolley, Easton C.	Fry. Kenneth D Director of Special Events
Manager of the Service Division	Golder, FrankProgram Traffic Supervisor
Managed Or Programmed Stations Department	Herbuveaux, JulesProgram Manager Kaney, A. WAssistant to the Manager
Gregory, Sherman D	Luttgens, Howard CCentral Division Engineer McCluer, PaulSales Manager—Red Network
National Spot and Local Sales Department	McDonald, J. AAttorney
McConnell, J. V. National Spot & Local Sales Manager	Morton, OliverSpecial Sales Representative —Westinghouse Stations Tilden, Louis ESales Representative, Int'l Dept.
Roux, Willan C. National, Spot & Local Sales Promotion	Murphy, William J Continuity Editor Ray, William B Manager of Press Relations
Manager Tilenius, William OAssistant Manager of Spot & Local Sales	Stirton, James L., Manager, Program and Talent Sales
·	Waller, Judith C Educational Director
Traffic Department	Whalley, John FBusiness Manager
McClara B E Taggia Managar	Weight W D

Wright, W. P......Production Manager

McClancy, B. F......Traffic Manager

#### Western Division— Hollywood

Sunset Blvd. & Vine St. Phone: Hollywood 6161

Gilman, Don EVice-Pres. in Charge
Andrews, William Manager of Guest Relations
Bock, HaroldManager of Press Relations
Dellett, F. VAuditor
Dixon, Sydney L Sales Manager-Red Network
Frost, Lewis Assistant to Vice-President
Gale, PaulTraffic Supervisor
Graham, R. H Attorney-Assistant to Leuschner
Leuschner, FrederickAttorney
McAndrews, Robert Sales Promotion Manager
Moore, TracySales Manager-Blue Network
Robb, Alex. S., Manager, Program and Talent Sales
Saxton, A. HWestern Division Engineer
Schuetz, Robert. Manager of Recording Division
Swallow, John Program Manager
Williams, WendellContinuity Editor

#### Washington, D. C.

14th St. & New York Ave. Phone: Republic 4000

Russell, Frank M......Vice-President in Charge Berkeley, Kenneth H.,

Assistant Manager WRC and WMAL

#### Foreign Representatives

Archinard.	Paul.	<b></b> .		Vichy, France
Bate, Fred			· • · · · · · · · ·	England
Jordan, M.	ax			Switzerland

Stations Owned and/or Managed and/or Programmed by the

#### NATIONAL BROADCASTING COMPANY

WEAF	New YorkOwned, managed, operated and programmed by NBC
WJZ	New York Owned, managed, operated and programmed by NBC
WMAQ	ChicagoOwned, managed, operated and programmed by NBC
WENR	Chicago Owned, managed, operated and programmed by NBC
WRC	WashingtonOwned, managed, operated and programmed by NBC
WTAM	ClevelandOwned, managed, operated and programmed by NBC
KPO	San FranciscoOwned, managed, operated and programmed by NBC
WMAL	Washington Owned by Evening Star Publishing Co.  Managed, operated and programmed by the NBC.
KGO	San FranciscoOwned by General Electric Managed, operated and programmed by the NBC.
KOA	DenverOwned by General Electric  Managed, operated and programmed by the NBC.
KEX	Portland, Ore Owned by National Broadcasting Company  Leased to, license held by, operated, managed and programmed by Oregonian Publishing Company.
KJR	Seattle Owned by National Broadcasting Company  Leased to, license held by, operated, managed and programmed by Fishers Blend Station, Inc.
KGA	SpokaneOwned by National Broadcasting Company Leased to, license held by, operated, managed and programmed by Louis Wasmer.

# REGIONAL

1

Steadily increasing growth of regional network billings indicates that more and more national advertisers are directing their campaigns in high-spot markets.

With the advantage of purchasing the time actually wanted, tailor-made talent of particular appeal to the specific area, and aggressive merchandising policies of the individual networks, the advertiser is provided with sales impetus in those areas where sales can be produced.

As the majority of these networks are sufficiently flexible to provide coverage where and when the client wants it, it is believed that the trend in 1941 will be toward greater application to selective markets as exemplified by regional networks.

#### The Alabama Network

c/o WSGN, Tutwiler Hotel, Birmingham, Ala. Phone: 4:3434

#### PERSONNEL

President	. Henry	P.	Johns	ston
Vice-President	Ho	war	d E.	Pill
Secretary-Treasurer	Bascom	H.	Hop	son

#### STATIONS

WMSL, Decatur; WJBY, Gadsden; WJRD, Tuscaloosa; WSFA, Montgomery; WSGN, Birmingham; WHBB, Selma.

#### COVERAGE

Primary area of the network comprises 29 counties in Alabama, whose total population in the 1940 preliminary population figures of the U. S. Census was announced at 2,830,285, an increase of seven per cent over 1930. Approximately 81 per cent of the radio homes in the state are in the network's primary area.

NATIONAL REPRESENTATIVE Headley-Reed Co.

#### Arizona Broadcasting Co.

(ABC Network)
711 Heard Bldg., Phoenix, Ariz.
Phone 4-4161

#### PERSONNEL

PresidentR	В.	W	illiams
Manager	. D	ick	Lewis
Commercial Manager	J.	R.	Heath
Promotion ManagerK. M	. P	enn	ington

#### STATIONS

KTAR; Phoenix; KVOA, Tucson; KYUM, Yuma; KGLU, Safford; KCRJ, Jerome; KWJB, Globe KYCA, Prescott.

#### BRANCH OFFICE

48 East Broadway, Tucson, Ariz. Phone 3703

#### COVERĀGE

State of Arizona.

NATIONAL REPRESENTATIVE

Paul H. Raymer Company

#### The Arizona Network

836 N. Central Ave., Phoenix, Ariz.

#### PERSONNEL

Manager	(KOY)	Fred	A.	Palmer
Manager	(KTUC)	Jo	hn	Merino
Manager	(KSUN)	Carl	etor	Morris

#### STATIONS

KOY, Phoenix; KTUC, Tucson; KSUN, Bisbee: KGLU, Safford.

#### COVERAGE

Sacandaru

	Limitary	Decondary
Population	209,220	251,570
Radio Homes	35,613	33,217

NATIONAL REPRESENTATIVE
John Blair Company

#### Arkansas Network

11th Floor, Union Life Bldg., Little Rock, Ark. Phone: 2-1841-2 & Long Distance 224

#### PERSONNEL

Manager	(KARK)	E. Zimmerman
Manager	(KCMC)	Clif Tatom
Managar	(KUOA)	Storm Whaley
Manager	(KOTN)	B. J. Parrish

Manager (KFPW). Dorothy A. Gibson
Manager (KBTM). Jay P. Beard
Manager (KTHS). John I. Prosser
Manager (KELD). F. E. Bolls
Manager (WMC). H. W. Slavick
Manager (WREC). Hoyt B. Wooten

STATIONS

KARK, Little Rock: KCMC, Texarkana, Texas; KUOA, Siloam Springs; KOTN, Pine Bluff; KFPW, Fort Smith; KBTM, Jonesboro; KTHS, Hot Springs; KELD, El Dorado; WMC, Memphis, Tenn.; WREC, Memphis, Tenn.

\*

#### Arrowhead Broadcasting System

WEBC Building, Duluth, Minn.

#### PERSONNEL

#### STATIONS

WEBC, Duluth, Minn. & Superior, Wisc.; WMFG, Hibbing, Minn.; WHLB, Virginia, Minn.

#### COVERAGE

This network claims coverage in northern Minnesota and Wisconsin and the upper peninsular of Michigan.

NATIONAL REPRESENTATIVE George P. Hollingbery Co.



#### **Blue Ridge Network**

Hotel Greenville, Greenville, S. C.
Phone: Greenville 362

#### PERSONNEL

Manager.....B. T. Whitmire

#### **STATIONS**

WFBC, Greenville, S. C.: WISE, Asheville, N. C.: WOPI, Bristol, Tenn.-Va.; WKPT, Kingsport, Tenn.

REPRESENTATIVE Weed & Company



#### California Radio System

708 Eye Street, Sacramento, Calif. Phone: Main 5000

#### PERSONNEL

#### STATIONS

KFBK, Sacramento; KFWB, Los Angeles; KSAN, San Francisco; KFOX, Long Beach; KMJ, Fresno; KWG, Stockton; KERN, Bakersfield; KTMS, Santa Barbara; KFSD, San Diego; KQW, San Jose.

#### COVERAGE

Network offers state coverage through the ten stations located in each of the first eight population centers of California.

#### BRANCH OFFICES

366 Madison Ave., New York. N. Y. Phone: MUrray Hill 2-8690

Manager......Humboldt Grieg 530 West Sixth St., Los Angeles, Calif.

> 2223 Russ Bldlg., San Francisco, Calif. Phone: Exbrook 2093

NATIONAL REPRESENTATIVE Paul H. Raymer Co.



#### Central States Broadcasting System

Omaha (Nebr): Omaha National Bank Bldg.
Phone: Jackson 7626
Lincoln (Nebr.): Hotel Lincoln
Phone: 2-3214

#### PERSONNEL

PresidentFrank D. Throop
General Manager
Sales ManagerFrank Pellegrin
Manager, Lincoln OfficeJud Woods
Chief EngineerMark Bullock
STATIONS

KFOR, Lincoln; KFAB, Lincoln; KOIL, Omaha.

#### COVERAGE

Nebraska, Kansas, Western Iowa, Southeastern South Dakota, Southwestern Minnesota, Northwestern Minnesota.

#### REPRESENTATIVE

Edward Petry & Co., Inc.



#### The Colonial Network

21 Brookline Ave., Boston, Mass. Phone: Commonwealth 0800

#### PERSONNEL

News Service......Leland Bickford Director, Merchandising &

BRANCH OFFICES

Crown Hotel, Providence, R. I. Phone: Dexter 1500

Supervisor ...... Malcolm S. Parker Hotel Stratfield, New Haven, Conn. Phone: 6-1121

Key Station: WAAB. Boston; WEAN, Providence: WICC. Bridgeport and New Haven; WSAR, Fall River; WSPR, Springfield; WLBZ. Bangor: WFEA, Manchester; WTHT, Hartford; WNBH, New Bedford; WLLH, Lowell and Lawrence: WLNH, Laconia; WRDO, Augusta; WNLC, New London; WHAI, Greenfeld; WCOU, Lewiston and Aubrun; WATR, Waterbury; WBRK, Pittsfield: WSYB, Rutland, Vt.; WELI, New Haven.

#### COVERAGE

 Evening
 Daytime

 Population
 5,538,299
 5,674,855

 Radio Homes
 1,274,009
 1,305,019

NATIONAL REPRESENTATIVE Edward Petry & Co., Inc.

#### Connecticut Broadcasting System

Address Individual Stations
PERSONNEL

STATIONS

WELL, New Haven; WNBC, New Britain; WATR, Waterbury; WNLC, New London.

#### Corn Belt Wireless Rebroadcasting Service

c/o WHO, Des Maines, Ia. Phone: 3-7147

#### PERSONNEL

Vice-President J. O. Maland
Sales Manager Hale Bondurant
Program Director Harold Fair
Technical Supervisor Paul A. Loyet

#### STATIONS

Basic: WHO, Des Moines; WOC, Davenport; KMA, Shenandoah.

Additional stations can be selected by the advertiser in Kansas City, St. Joseph and Columbia, Mo.; Mason City, Sioux City and Dubuque, Ia.; Rochester, Minn.; Topeka, Kans.; and Peoria, Ill.

This network is a service supplied by WHO. Des Moines, providing for rebroadcasting, without the use of lines, by other stations in the Middle West that can consistently pick up and rebroadcast its signal. Rate is the combination of the spot broadcasting rate of each station used, without any charge for lines. Contracts are made direct with individual stations as this is not an organized network but simply provides for an exchange of programs without use of lines.

NATIONAL REPRESENTATIVE Free & Peters, Inc.

 $\star$ 

#### The Cowles Group

Des Moines Register and Tribune Building, Des Moines, la. Phone: 3-2111

Cedar Rapids Office: Paramount Theater Bldg.
Waterloo Office: Russell Lamson Hotel
Sioux City Office: Orpheum Theater Bldg.
Yankton Office: Gurney Bldg.

#### PERSONNEL

President	ardner Cowles, Jr.
Vice-President	John Cowles
Vice-President and Treasure	rLuther L. Hill
Vice-President	Sumner Quarton
Manager (WNAX)	.Robert R. Tincher
National Sales Managet	
Com. Manager (Des Moines	
Com. Manager (Cedar Rapi	
Com. Manager (Yankton)	Phil Hoffman

#### STATIONS

KSO, Des Moines; KRNT, Des Moines; WMT, Waterloo-Cedar Rapids; WNAX, Yankton-Sioux Citv.

#### SERVICES

Network maintains production, announcing and technical staffs available to advertisers without charge.

#### COVERAGE\*

Population						,									6,700.649
Families															1,644,549
Radio Fam	īΣ	i e	2	ı											1,364,860

\*Summary of 385 primary counties (in Montana, Wyoming, North Dakota, South Dakota, Nebraska, Minnesota, Iowa, Missouri, Wisconsin, Illinois).

NATIONAL REPRESENTATIVE
The Katz Agency

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#### **Don Lee Broadcasting System**

5515 Melrose Ave., Hollywood, Calif.
Phone: Hollywood 8111
San Francisco office: 1000 Van Ness Ave.

#### PERSONNEL

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V-P & General ManagerLewis Allen Weiss
Assistant ManagerWillet Brown
General Sales ManagerWilbur Eickelberg
Program DirectorVan Newkirk
Production ManagerJames Burton
Publicity DirectorMark Finley

#### STATIONS

Southern California: KHJ, Los Angeles; KGB, San Diego; KDB, Santa Barbara; KFXM, San Bernardino; KPMC, Bakersfield; KVOE, Santa Ana; KXO, El Centro; KVEC, San Luis Obispo.

Northern California: KFRC, San Francisco; KMYC, Marysville: KHSL, Chico: KVCV, Redding: KYOS, Merced: KDON, Monterey: KIEM, Eureka: KTKC, Visalia.

Northwest (Oregon): KRNR, Roseburg; KALE. Portland; KFJI, Klamath Falls; KORE, Eugene; KOOS, Marshfield.

Northwest (Washington): KMO, Tacoma; KIT. Yakima; KPQ, Wenatchee; KVOS, Bellingham; KXRO, Aberdeen; KOL, Seattle; KGY, Olympia; KELA, Centralia; KRKO, Everett; KWLK, Longview.

NATIONAL REPRESENTATIVE John Blair & Co.

#### **Georgia Broadcasting System**

(Selling Group; not available as a retreat.)

1420 Second Avenue, Columbus, Ga.
Phone: 4300
Atlanta Office: Henry Grady Bldg.
Phone Walnut 4377

#### PERSONNEL

Executive Manager......J. W. Woodruff, Jr.

#### STATIONS

WATL, Atlanta; WRBL, Columbus; WGPC, Albany.

#### COVERAGE.

	Evening	Daytime
Population	636.280	948,600
Radio Homes	112,577	140,990

\* In primary markets of west Georgia and eastern Alabama.

NATIONAL REPRESENTATIVE International Radio Sales

#### Georgia Major Market Trio

Atlanta Office: Forsyth Bldg.
Phone: Walnut 8441
Macon Office: 211 Cotton Ave.
Phone: 3131-2

Savannah Office: 516 Abercorn St. Phone: 2-127-8-9

#### PERSONNEL

General	Manager	(WGST)	C. 1	н. с	alhoun
General	Manager	(WMAZ)	<b>E.</b>	K.	Cargill
General	Manager	(WTOC)	Marjor:	ie B	. Willis

#### STATIONS

WGST, Atlanta; WMAZ, Macon; WTOC, Savannah.

#### COVERAGE\*

	Primary	Secondary
Population	2,058,532	2.023,064
Radio Homes	277,640	282,640

'Population is based on the 1930 Census; radio homes figure is based on 1938 Joint Committee Report.

REPRESENTATIVE
The Katz Agency

#### Inter-City Broadcasting System

1657 Broadway, New York City Phone: Circle 6-2200 Philadelphia Office: 35 S. 9th St. Phone: Walnut 6800

#### PERSONNEL

#### STATIONS

**Key Station: WMCA, New York City; WIP.** Philadelphia; other stations and cities available on request.

#### COVERAGE

Linked together by A. T. & T. lines, the stations of this network, covering the North Atlantic seaboard may be engaged collectively, in any combination, or individually.

REPRESENTATIVE Virgil Reiter & Co. (West)

#### Intermountain Network

McIntyre Bldg., Salt Lake City, Utah

#### PERSONNEL

President......Paul R. Heitmeyer

#### STATIONS

KLO, Ogden; KOVO, Provo; KEUB, Price.

#### REPRESENTATIVE

George P. Hollingbery Co.

#### Kansas State Network

c/o Don Davis, Scarritt Bldg., Kansas City, Mo. Phone: Harrison 1161

#### PERSONNEL

#### **EXECUTIVE COMMITTEE**

K. W. Pyle (KFBI); R. J. Laubengayer (KSAL); K. W. Trimble (KTSW); Clem Morgan (KVGB); John Schilling (WHB).

#### BRANCH OFFICE

1012 Baltimore, Kansas City, Mo. Phone: Grand 0810

Executive in Charge..... Bryan P. Murphy

#### STATIONS

WHB, Kansas City (Mo.); KFB1, Wichita; KSAL, Salina; KTSW, Emporia; KVGB, Great Bend.

#### COVERAGE'

	Primary
Population	2,924,021
Radio Homes	830,440

\*Population is based on 1930 Census; radio homes figure is based on 1938 Joint Committee Report.

REPRESENTATIVE William G. Rambeau Co.

#### ×

#### The Lone Star Chain

Medical Arts Bldg., Fort Worth, Texas Phone: 3-1234

Dallas Office: c/o WFAA & KGKO

#### PERSONNEL

Managing Director......Sam H. Bennett Operating Committee.....Harold V. Hough, Chairman; O. L. Taylor, Tilford Jones.

#### **STATIONS**

KGKO, Fort Worth-Dallas; KXYZ, Houston; KRIS, Corpus Christi; KTSA, San Antonio; KRGV. Weslaco; KGNC, Amarillo; KFDM, Beaumont (supplementary).

#### COVERAGE

Network with its supplementary station claims coverage of the entire state of Texas as a primary area.

NATIONAL REPRESENTATIVES Howard H. Wilson Co.

#### \*

#### **Mason-Dixon Radio Group**

8 W. King St., Lancaster, Pa. Phone 5252

#### PERSONNEL

General Manager......Clair R. McCollough

#### STATIONS

WORK, York, Pa.; WDEL, Wilmington, Del.; WGAL, Lancaster, Pa.; WAZL, Hazleton, Pa.; WEST, Easton, Pa.; WILM, Wilmington, Del.; WKBO, Harrisburg, Pa.

NATIONAL REPRESENTATIVE Paul H. Raymer Co.

#### \*

#### Michigan Radio Network

Operated by the King-Trendle Broadcasting Corp.

Stroh Bldg., Detroit, Mich. Phone: Cherry 8321

#### PERSONNEL

#### STATIONS

WXYZ, Detroit (Key Station); WBCM, Bay City; WFDF, Flint; WJIM, Lansing; WIBM, Jackson; WELL, Battle Creek; WKZO, Kalamazoo; WOOD-WASH, Grand Rapids.

#### COVERAGE

The Michigan Network territory includes the lower peninsula of Michigan with a primary coverage of over four million people in Michigan's eight largest cities.

> REPRESENTATIVE Paul H. Raymer Co.

#### $\star$

#### The Minnesota Radio Network

Radisson Hotel, Minneapolis, Minn.
Phone Bridgeport 3222
St. Paul Office: St. Paul Hotel
Phone Cedar 5511

#### PERSONNEI.

General Sales Manager.....Ray C. Jenkins

#### STATIONS

KSTP, Minneapolis-St, Paul (key station); KYSM, Mankato; KROC, Rochester; KFAM, St. Cloud.

#### COVERAGE

	Primary*
Population	2,360,218
Radio Homes	549,520

<sup>\*</sup>The primary area of the four stations combines the total of 86 counties in Minnesota, Wisconsin and Iowa; network claims a total listening audience (primary and secondary) of 4.108.220 persons.

#### NATIONAL REPRESENTATIVE Howard H. Wilson Co.

#### Mountain & Plain Network

Albany Hotel, Denver, Colo. Phone: Keystone 0178

#### PERSONNEL

#### STATIONS

KFEL, Denver: KFKA, Greeley, Colo.; KFXJ, Grand Junction, Colo.; KYAN, Cheyenne, Wyo.

#### ×

#### New York Broadcasting System, Inc.

20 East 57th St., New York, N. Y. Phone: ELdorado 5-6100

#### PERSONNEL

#### STATIONS

WINS', New York City; WABY, Albany; WIBX, Utica; WMBO. Auburn: WSAY, Rochester; WBNY, Buffalo; WJTN, Jamestown; WTRY, Troy; WOLF, Syracuse; WKNY, Kingston.

\*WINS is the New York City daytime outlet; choice of WHN or WMCA as the nighttime outlet.

#### COVERAGE

The New York Broadcasting System claims coverage of the entire state of New York with its total population equaling one sixth of the total for the United States.

NATIONAL REPRESENTATIVE International Radio Sales

#### ×

#### North Central Broadcasting System, Inc.

Commodore Hotel, St. Paul, Minn. Phone: Dale 6595

#### PERSONNEL

President-General Manager ... John W. Boler Vice-President ... ... Howard S. Johnson Treasurer ... ... D. C. Shepard

#### STATIONS

WLOL, Minneapolis, Minn.: KATE, Albert Lea, Minn.; KGDE, Fergus Falls, Minn.; KVOX, Moorhead, Minn.; KWNO, Winona, Minn.; KDLR, Devils Lake, N. D.; KRMC, Jamestown, N. D.; KLPM, Minot, N. D.; KGCU, Mandan, N. D.; KABR, Aberdeen, S. D.; WDSM, Superior, Wisc.

#### Northern Broadcasting & Publishing, Ltd.

Thomson Bldlg., Timmins, Ont., Canada Phone: 500

#### PERSONNEL.

General Manager	Jack K. Cooke
Manager (CJKL)	Brian G. Shellon
Manager (CFCH)	Cliff Pickrem

#### STATIONS

CKGB, Timmins, Ont.; CJKL, Kirkland Lake, Ont.; CFCH. North Bay, Ont.; CKVD, Val D'Or, Que.

#### BRANCH OFFICE

305 Victory Bldg., Toronto, Ont., Canada Phone: 500

Manager......J. Reg Beattie



#### Northwest Triangle Chain

Address Individual Stations

#### PERSONNEL

Manager	(Seattle)Bi	rt Fisher
Manager	(Spokane)Louis	Wasmer
Manager	(Portland)	Jennings

#### STATIONS

KOMO, Seattle: KJR, Seattle: KHQ, Spokane; KGA, Spokane: KGW, Portland: KEX, Portland.

REPRESENTATIVE Edward Petry & Co.

#### \*

#### Oklahoma Metropolitan Line

c o KOMA, Biltmore Hotel Oklahoma City, Okla. Phone 2-3291

c o KTUL, 320 S. Boston Ave., Tulsa, Okla. Phone 4-8188

#### PERSONNEL

> NATIONAL REPRESENTATIVE Free & Peters, Inc.



#### The Oklahoma Network

1800 West Main St., Oklahoma City, Okla.
Phone: 3-8352

#### PERSONNEL

PresidentRoss	U. Porter
Vice-PresidentTams	Bixby, Jr.
Secretary-TreasurerKenyon M.	Douglass
Managing DirectorKenyon M.	Douglass

#### **STATIONS**

KTOK, Oklahoma City; KGFF, Shawnee; KBIX, Muskogee; KCRC, Enid; KADA, Ada; KOME, Tulsa.

> NATIONAL REPRESENTATIVE Arthur H. Hagg & Associates

#### Pacific Broadcasting Co.

914 Broadway, Tacoma, Wash. Phone: Main 4144

#### PERSONNEL

General Manager	Carl E.	Ho	rymond
Tarffic Manager	John	K.	Clarke
Auditor	Paul	F.	Benton

#### STATIONS

Oregon: KALE, Portland: KFJI, Klamath Falls; KOOS, Marshfield: KRNR, Roseburg: KORE, Eugene,

Washington: KGY. Olympia: KELA, Centralia: KIT, Yakima: KMO, Tacoma: KOL, Seattle: KPQ, Wenatchee: KVOS, Bellingham: KXRO, Aberdeen: KWLK, Longview.

#### COVERAGE

Network outlets in each of the 9 primary markets of Washington and 5 primary markets of Oregon. Nine out of ten radio homes in these areas within 25 miles of a Pacific Broadcasting Co. outlet. Eighty per cent of all sales for the entire territory covered come from within 25 miles of some Pacific Broadcasting Co. outlet.

NATIONAL REPRESENTATIVE John Bloir & Co.

#### ×

#### The Pennsylvania Network

1622 Chestnut St., Philadelphia, Pa.
Phone Locust 7700

#### PERSONNEL

Manager......Kenneth W. Stowman

#### **STATIONS**

WCAU, Philadelphia (key station): WGAL, Lancaster: WORK, York: WAZL, Hazleton: WEST, Easton: WSAN, Allentown: WFBG, Alloona: WLEU, Erie: WHP, Harrisburg: WKBO, Harrisburg: WJAC, Johnstown: WRAW, Reading: WGBI, Scranton: WKOK, Sunbury: WBRE, Wilkes-Barre: WBAX, Wilkes-Barre: WRAK, Williamsport: WARM, Scranton: (Harrisburg, Scranton, Wilkes-Barre and Pittsburgh stations optional.

#### COVERAGE

Network claims coverage of Pennsylvania, southern New Jersey, Delaware and portions of states bordering Pennsylvania.

#### **Quaker Network**

Widener Bldg., Philadelphia, Pa. Phone; Rittenhouse 6900

#### PERSONNEL

General Manager.....Roger W. Clipp

#### STATIONS

WFIL, Philadelphia; WRAW, Reading; WEST, Easton; WORK, York; WAZL, Hazleton; WGAL, Lancaster; WGBI, Scranton; WBRE, Wilkes Barre; WKBO, Harrisburg; WKOK, Sunbury; WRAK, Williamsport; WFBG, Altoona; WJAC, Johnstown; WLEU, Erie; WTBO, Cumberland, Md.; WWSW, Pittsburgh; WSNJ, Bridgeton, N. J.

#### South Central Quality Network

\*

Address Individual Stations

#### PERSONNEL

Manager	(WMC)	H.	W, Slavick
Manager	(WJDX)	W	'iley Harris
Manager	(WSMB)	H.	Wheelahan
Manager	(KARK)	.G. E.	Zimmerman
Manager	(KWKH)J	ohn C.	McCormack
Manager	(KTBS)Jo	hn C.	McCormack

#### STATIONS

WMC, Memphis, Tenn.; WJDX, Jackson. Miss.; WSMB, New Orleans. La.; KARK, Little Rock, Ark.; KWKH, Shreveport, La.; KTBS. Shreveport, La.

#### The Southern Network

Radio Bldg., Walnut & Short Sts.
Lexington, Ky.
Phone 1721

#### PERSONNEL

President	Gilmore N. Nunn
Vice-President	J. Lindsay Nunn
Secretary-Treasurer	.Warren G. Davis
Production Manager	Ted Grizzard
Chief Engineer	Sanford Helt

#### **STATIONS**

WLAP, Lexington, Ky.; WCMI, Ashland, Ky. (Huntington, W. Va.); WGRC, New Albany. Ind. (Louisville, Ky.); WSIX, Nashville, Tenn.; WKRC, Cincinnati, Ohio.

REPRESENTATIVE Burn-Smith Co., Inc.

#### The Texas Quality Network

Address Individual Stations
The Texas Quality Network has no officers or

directors, each outlet being a sales office for the other.

#### STATIONS

WFAA, Dallas: WBAP, Fort Worth: WOAI, San Antonio: KPRC, Houston,

> NATIONAL REPRESENTATIVE Edward Petry & Co., Inc.

#### Texas State Network

1201 West Lancaster Ave., Fort Worth, Texas Phone: 3-9363

#### PERSONNEL

PresidentRuth G. Roosevell
Vice-President-Secretary-
General ManagerHarry A. Hutchinson
Vice-President-Treasurer Gerald T. Stanley
Assistant General ManagerGene L. Cagle
Merchandising DirectorL. R. Duffy
Program Director
Chief AccountantD. C. Hornburg
Traffic Manager
Technical SupervisorTruett Kimzey

#### STATIONS

KFJZ, Fort Worth; KRBC. Abilene: KGKL, San Angelo; KBST, Big Spring; KRLH, Midland; KRRV, Sherman-Denison; KPLT, Paris; KNOW, Austin; KABC, San Antonio; KVWC, Vernon; KTEM, Temple: WRR, Dallas: KFYO, Lubbock: KFDA, Amarillo: KCMC, Texarkana: WACO, Waco.

#### **West Virginia Network**

\*

WCHS Auditorium, Charleston, W. Va.

#### PERSONNEL

#### STATIONS

WCHS, Charleston; WPAR, Parkersburg; WBLK, Clarksburg; WSAZ Huntington.

#### POLICIES

Advertising of alcoholic beverages accepted.

#### NATIONAL REPRESENTATIVE The Branham Co.

#### The Yankee Network

"Covering New England"

21 Brookline Ave., Boston, Mass. Phone: Commonwealth 0800

#### PERSONNEL

President
V-P in Chg. of OperationsR. L. Harlow
V-P in Chg. of Sales & Production Linus Travers
V-P in Chg. of Engineering Paul A. DeMars
Editor of Yankee Network
Names Camping Intend Bigleford

Director of Merchandising & Promotion ..... Robert S. Playfair Merchandising ..... F. Carleton McVarish Director of Special Events....Fred McLaughlin Chief Engineer......Irving Robinson Sports Editor......Jim Britt Chief Meteorologist......Salvatore Pagliuca Manager of Yankee Network Artists Bureau......Josephine White

#### STATIONS

WNAC, Boston, WTIC, Hartford; WEAN, Providence: WTAG, Worcester: WICC, Bridgeport and New Haven; WCSH, Portland; WLBZ, Bangor; WFEA, Manchester; WSAR, Fall River; WNBH, New Bedford: WLLH, Lowell and Lawrence; WLNH, Laconia; WRDO, Augusta; WNLC. New London: WHAI, Greenfield: WCOU, Lewiston and Auburn; WBRK, Pittsfield: WSYB, Rutland, Vt.; WELI, New Haven, Conn.

#### COVERAGE

	Evening	Daytime
Population	6,444.623	5,293,767
Radio Homes	1,482,264	1,217,559

#### NATIONAL REPRESENTATIVE Edward Petry & Co., Inc.

#### Z (Bar) Net

P. O. Box 1956, Butte, Montana Phone: 22-3-44

#### PERSONNEL

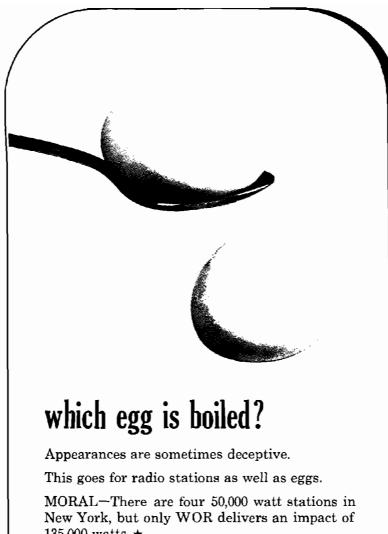
Manager......E. B. Craney

#### STATIONS

KGIR, Butte: KPFA, Heleng: KRBM, Bozeman,

#### NATIONAL REPRESENTATIVE

Gene Furgason & Co.



135,000 watts. ★

★ because of WOR's unique directive-array concentration of power which more than doubles its basic wattage.

### STATIONS

OF THE



STANDARD STATIONS

NEWSPAPER
OWNED STATIONS

MAJOR NETWORK

AFFILIATIONS

FOR MOVING DRUG AND GROCERY ITEMS THROUGH RETAIL OUTLETS BECAUSE IT CREATES INSTANT

AND CONSTANT
CONSUMER DEMAND!





"WLW is a powerful sales stimulator in our territory. Whenever we receive notice that a product will be advertised over WLW, we make it a point to increase our supply of it and notify our salesmen to see that the retailer is well stocked."

Geo. H. Kauffman, Pres. & Sales Manager Kauffman-Lattimer Co., Wholesale Druggists Columbus, Ohio

"WLW's powerful advertising is doing a most effective job for us. Due to the widespread consumer preference for WLWadvertised brands, we pay particular attention to products that are going to be advertised over WLW."



G. B. Moxley, President
Kiefer-Stewart Co., Whalesale Druggists
Indianapolis, Indiana



"As an advertising medium in the movement of merchandise, WLW, the Notion's Station, is a powerful influence in this area and we feel that the opportunity of co-operating fills a definite merchandising need."

Elmer Brown, General Manager Midland Grocer Co., Wholesale Grocers Portsmouth, Ohio

"We feel that WLW is the most powerful influence for the quick turn-over of nationally advertised brands. Through WLW's resources we are able to keep our sales force informed of expected sales increases of the listening public's demand."

D. Sayre, President
Hagen-Ratcliff and Co., Wholesale Grocers
Huntington, W. Va.



## WLW

THE NATION'S
most Werchandise-able

REPRESENTATIVES:

NEW YORK—Transamerican Broadcasting and Television Corp. CHICAGO—WLW, 230 North Michigan Avenue
SAN FRANCISC D. International Burlin Salas

# INDEX OF THE STANDARD STATIONS OF THE UNITED STATES

Call Letter—City—Power in Watts—Frequency in Kilocycles (as determined by North American Regional Broadcasting Agreement)
—Page Number Providing Complete Station Information

Key to Abbreviations: C.P.—Construction Permit; S.A.—Special Authorization; d—daytime; n—night.



Call Letter	City	Frequency in Kilocycles	Power in Watts	See Page	
KABC .	San Antonio, Tex	1450	250	575	
KABR .	Aberdeen, S. Dak	1420	5000	556	
	Ada, Okla	1230	250	525	
	Alexandria, La	1240	250	431	
	Portland, Ore	1330	5000	532	
	Corsicana, Tex	1340	250	568	
	Wichita, Kans	1240	250	426	
	Little Rock, Ark	920	5000	351	
	Fresno, Calif	1340	250	354	
	, Elk City, Okla	1240	250	525	
	Astoria, Orc	1230	250	530	
	Albert Lea, Minn	1450	250	457	
KAWM	Gallup, New Mex	1490	250	482	
	Muskogee, Okla	1490	250	527	
	Oitumwa, la	1210	250	421	
	Baker, Ore	1490	250	530	
	. , . Bend, Ore	1340	250	530	
	Portland, Ore.	1450	250	532	
	Big Spring, Tex	1 190	250	566	
	Jonesboro, Ark	1230	250	351	
KBWD .	Brownwood, Texas	1380	500	567	
KCKN .	Kunsas City, Kan	1340	250	425	
ксмс .	Texarkana, ArkTex.	1450	250	577	
ксмо .	Kansas City, Mo	1480	5000 d.,	1000 n. 467	
KCRC .	Enid, Okla	1390	1000	527	
KCRJ .	Jerame, Ariz	1340	250	347	
KDAL .	Duluth, Minn	1490	250	457	
RDB	Santa Barbara, Calif	1 190	250	366	
KDFN .	. , Casper, Wyo,	1170	1000	604	
KDKA .	Pittsburgh, Pa	1020	30600	543	
KDLR .	Devils Lake, N. Dak	1240	250	512	
KDNT .	Denton, Tex	1450	250	569	
KDON .	Monterey, Callf	1240	250	360	
KDRO .	Sedalia, Mo	1190	250	470	
KDTH .	Dubuque, Ia	1370	1000	420	
KDYL .	Salt Lake City, Utah	1320	5000	580	
KECA .	Los Angeles, Calif	790	5000	855	
KELA .	Between Centralia and Chehalis, Wash.	1470	1000	588	
KELD .	El Dorado, Ark	1400	250	350	
KELO .	Sioux Falls, S. Dak	1230	250	557	

Call Letter		City	Frequency in Kilocycles	Power in Watts	See Page
KENO	Las	Vegas, Nev	1400	250	470
KERN	Bak	ersfield, Calif	1410	1000	35
KEUB	. , . Pric	e, Utah	1450	250	584
KEVR	Seal	ttle, Wash	1400	250	590
KEX .	Por	tland, Ore	1190	5000 <b>0</b>	533
KEYS	Cor	pus Christi, Texas	1490	250	56
KFAB	Line	coln, Nebr	780	10000	47
KFAC	Los	Angeles, Calif	1330	1000	35
KFAM	St.	Cloud, Minn	1450	520	46
KFAR	<b>.</b> Fair	rbanks, Alaska	610	1000	60
FBB	Gree	at Falls, Mont	1310	5000	47
FBC	Che	yenne, Wyo	1450	250	60
FBI	Wie	hita, Kans	1070	5000 d., 1000 n.	42
FBK	Sacı	amento, Calif	1530	10300	36
FDA	Am	trillo, Tex	1230	250	56
FDM	Bea	umont, Tex	560	1000	56
FDY		okings, S. Dak	790	1000	55
FEL		ver, Colo,	950	5000	36
FEQ		Joseph, Mo	680	2500 d., 500 n.	46
FGQ		ne, In	1400	250	41
FH.		hita, Kansas	1330	5000	43
FI .		Angeles, Calif	640	50000	35
F10		kane. Wash.	1150	100	59
FIZ	•	d Du Lac, Wisc	1 150	250	59
FJB		shalltown, Ia.	1230	250	4:
		math Falls, Ore			
FJI			1240	250	53
FJM		nd Forks, N. Dak	1140	1000 d., 500 n.	51
FJZ	_	t Worth, Tex	1270	5000	57
FKA		eley, Colo	910	1000	37
FKU		rence, Kansas	1250	5000 d., 1000 n.	42
ЕМВ		Diego, Calif	1150	250	36
FNF		andouh, In.	920	1000 d. 500 n.	42
FOR		coln, Nebr.	1240	250	47
FOX		g Beach, Calif	1280	1000	36
FPL		lin, Tex.	1310	250	56
FPW		Smith, Ark	1400	250	35
FPY		kane, Wash	920	5000	58
FQD	Anc	horage, Alaska	790	250	60
FRC	San	Francisco, Calif	610	5000	36
FRO	, . Lon	gview, Tex	1370	1000	57
FRU	Colu	imbla, Mo	1400	250	40
FSD	San	Diego, Calif	600	5000	36
FSG	Los	Angeles, Calif	1150	2500 d., 1000 n.	35
FUO	Clay	rton, (St. Louis) Mo	850	5000	16
FVD	Los	Angeles, Calif	10:20	1000	35
FVS	Cap	e Girardeau, Mo	1400	250	46
FWB	Los	Angeles, Calif	980	5000	35
FXD		npa, Idaho	1230	250	39
FXJ		nd Junction, Colo	1230	250	37
FXM		Bernardino, Calif	1210	250	36
FYO		bock, Texas	1340	250	
FYR		aarek, N. Dak	550		57
GA.		ane, Wash.		5000	51
GB .	_	Diego, Calif	1510	10000	59
			1360	1000	86
GBU		chikan, Alaska	930	500	60
GBX	W	ngfleld, Mo	1260	5000	47

Call Letter	City	Frequency in Kilocycles	Power in Watts	See Page
KGCU M	Iandan, N. Dak	1270	1000 d., 500 n.	5
KGCX V	Folf Point, Mont	1180	1000	4
KGDE F	ergus Falls, Minn	1230	250	4
KGDM S	tockton, Calif	1130	0001	36
KGEK S	terling, Colo	1230	250	3
KGER L	ong Beach, Calif	1390	1000	3
KGEZ K	alispell, Mont.	1340	250	4
	Conditional	1460	1000	
(GFF s	hawnee, Okla	1450	250	ō
KGF1 B	rownsville, Tex	1490	250	5
KGFJ L	os Angeles, Calif	1230	250	3
	oswell, New Mex	1100	250	4
	earney, Nebr	1340	250	4
	lerre, S. Dak	630	200	5.
	offeyville, Kans.	690	1000	4
	Ibuquerque, N. Mex	1260	1000	4
	ueblo, Cole	1350	500	3
	ittle Rock, Ark	1230	250	3
	illings, Mont.	790		
			5000	4
	utte, Mont.	1370	5000	4
	lamosa, Colo	1450	250	3
	yler, Tex.	1490	250	5
	an Angelo, Tex	1400	250	5
	ort Worth, Tex	570	5000	5
	cottsbluff, Nebr	1490	250	4
	ason City, Ia	1300	1000	1
	afford, Ariz.	1450	250	3
	onolulu, Hawail	580	2000	6
	marillo, Tex.	1110	5000 d., 1000 n.	50
	orth Platte, Nebr	1460	1000	4
	odge City, Kans	1370	1000 d., 250 n.	4
	n Francisco, Calif	810	10000	3
	onolulu, Hawaii	760	2500	6
	issoula, Mont	1290	5000 d., 1000 n.	1
	ortland, Ore	620	5000	5
	ympla, Wash,	1210	250	5
CHAS H	astings, Nebr	1230	250	41
HBC H	lo, Hawaii	1230	250	60
нвс от	mulgee, Okla	1210	250	5
HJ Lo	s Angeles, Calif	930	5000	3:
HQ Sp	okane, Wash	590	5000	59
HSL ct	ico, Calif	1390	1000 d., 500 n.	3:
HUB W	atsonville, Calif	1340	250	36
ICA C1	ovis, New Mex	1400	250	48
ID Id	aho Falls, Idaho	1350	5000 d., 500 n.	39
IDO Bo	lse, Idaho	1380	2500 d., 1000 n.	39
IDW La	mar, Colo	1450	250	37
	reka, Calif	1480	1000 d., 500 n.	37
	endule, Calif.	870	250	35
	neau, Alaska	1460	1000	60
	uttle, Wash.	710	10000	59
	kima, Wash.	1280	1000	
	ansas City, Mo	1590		59
	rden City, Kans		1000	46
	cos, Tex.	1240 1400	250 250	13
IUP Du	rungo, Colo	1400	250 250	57 37
JBS Sa	n Francisco, Calif	1100	50 <b>0</b>	36

Call Letter City		Frequency Power in Kilocycles in Watts		See Page
JR	. Seattle, Wash	1000	10000	58
	Carlsbad, New Mex	1240	250	48
LBM .	La Grande, Ore	1450	250	53
LCN .	Blytheville, Ark	1320	100	35
LO .	Ogden, Utah	1430	5000	57
LPM .	Minot, N. Dak	1390	1000	51
LBA .	Little Rock, Ark	1420	5000	33
LS .	Oakland, Callf	1310	1000	30
LUF .	Galveston, Tex	1400	250	5
LX .	Oskland, Calif	910	1000	3
LZ .	Denver, Colo	5 <b>6</b> 0	5000	30
MA .	Shenandoah, Iowa	960	5000 d., 1000 n.	45
MAC .	San Antonio, Tex	1400	250	51
MBC	Kansas Clty, Mo	980	5000	4
MED .	. Medford, Ore	1440	1000	5
MJ.	Fresno, Calif	580	50 <b>0</b> 0	3
MLB .	Monroe, La	1230	250	43
MMJ .	Grand Island, Nebr	750	1000	4
мо	Tacoma, Wash	1360	5000	5
MOX .	St. Louis, Mo	1120	50000	4
MPC ,	Boverly Hills, Calif	710	5000	3.
MTR .	. Los Angeles, Calif	570	1000	3
MYC .	Marysville, Calif	1 150	250	3
MYR	Denver, Colo	1340	250	3
	Brady, Tex	1490	250	5
	. Palestine Tex.	1450	250	5
	, . Manroe, La	1 120	250	4
	. Austin, Tex.	1490	250	5
NX		1070	50000	3
DA	-	850	50000	3
	. Corvallis, Ore.	<b>550</b>	5000 d., 1000 n.	5
	. Pittsburg, Kans.	810	1000	4
OB		1030	50000	4
	. Rapid City, S. Dak	1 1 <b>0</b> 0	250	5
	. Kligore, Tex.	1240	250	5
	. Oklahoma City, Okla	1340	250	5
	. The Dalles, Ore	1230	250	5
он		630	1000	4
	. Omaha, Nebr	1290	5000	4
	. Portland, Ore.	970	5 <b>00</b> 0	5
око .	. La Junta, Colo	1400	250	3
OL .	. Seattle, Wash	1300	5000 d., 1000 n.	5
OMA .	. Oklahoma Clty, Okla	1520	5000	5
OME .	Tulsa, Okla	1340	250	i
	. Seattle, Wash	950	<b>5000</b>	5
ONB .	. Omaha, Nebr	1490	250	4
	. San Antonio, Tex	1400	250	5
			250	5
		1230 1450	250	i
			250 250	4
		1400		3
OTN .	. , Pine Bluff, Ark	1490	250 250	
	Valley City, N. Dak	1490	250	:
	Provo, Utah	1240	250	5
COWH	Omalia, Nebr	660	500	4
OY .	Phoenix, Ariz,	550	1000	3

Call Letter	City	Frequency in Kilocycles	Power in Watts	See Page
KPAC	Port Arthur. Tex.	1250	500	571
KPDN	Pampa, Tex	1340	250	574
KPFA	Helena, Mont.	1240	250	47
крно	Phoenix, Ariz	1230	250	341
KPLC	Lake Charles, La	1490	250	43
KPLT	Paris. Tex	1490	250	57
(PMC	Bakersfield, Culif	1600	0001	35
SPO .	San Francisco, Callf	680	50000	36
KPOF	Denver, Colo,	910	1000	37
(POW	Powell, Wyo	1230	250	60
(PPC	Pasadena, Calif	1240	250	36
CPQ .	Wenatchee, Wash	1490	250	593
(PRC	Houston, Tex	950	5000	57
QΨ.	Pittsburgh, Pa	1410	1000	54
QW.	San Jose, Calif	740	5000	366
KRBA	Lufkin, Tex	1340	250	57
RBC	Abilene, Tex	1450	250	56
RBM	Bozeman, Mont	1450	250	47
CRE .	Berkeley, Calif	1400	250	85
KRGV	Weslaco, Tex,	1290	1000	57
CRIC .	Beaumont, Tex.	1450	250	56
CRIS .	Corpus Christi, Tex	1360	1000	56
RJF	Miles City, Mont	1340	250	47
RKD	Los Angeles, Calif	1150	2500 d., 1000 n.	35
RKO	Everett, Wash.	1400	250	58
RLC		1400	250	39
RLD	Lewiston, Idaho	1080	50000	56
RLH		1450	250	57
	Midland, Tex		250	
RMC	Jamestown, N. Dak	1400		51
RMD	Shreveport, La	1340	250	48
RNR	Rogeburg, Orc	1490	250	53
RNT	Des Moines, Iowa	1350	5000	41
ROC	Rochester, Minn	1340	250	46
ROD	El Paso, Tex	600	1000 d., 500 n.	56
ROW	Oakland, Calif	960	1000	36
ROY	Sacramento, Calif	1340	250	36
RRV	Sherman, Tex	910	1000	57
KRSC	Seattle, Wash	1150	1000	59
SAC	Manhattan, Kans	580	1000 d., 500 n.	42
SAL	Salina, Kans	1150	1000	42
SAM	Huntsville, Tex	1490	250	57
SAN	San Francisco, Calif	1450	250	86
SCJ	Sioux City, Ia	1360	5000	42
SD.	St. Louis, Mo	550	5000 d., 1000 n.	46
SEI	Pocnicllo, Idaho	930	1000 d., 250 n.	39
SFO	Sau Francisco, Calif	560	5000 d., 1000 n.	36
SL .	Salt Lake City, Utah	1160	50000	58
SLM	Salem, Ore	1390	1000	53
so .	Des Moines, Iowa	1460	5000 d., 1000 n.	41
800	Sioux Falls, S. Dak	1110	2000	55
SRO	Santa Rosa, Calif	1340	1000	36
STP	St. Paul, Minn	1500	50000	46
SUB	Cedar City, Utah	1310	250	57
SUN	Lowell, Ariz.	1230	250	34
swo		1150	250	52
TAR	Phoenix Ariz.	620	5000	341

Call Letter	City	Frequency in Kilocycles	Power in Watts	Se Pa <sub>l</sub>
ктвс	Austin, Tex	1150	1000	54
KTBS	. , . Shreveport, La	1480	1000	43
KTEM	Temple, Tex	1400	250	5
KTFI	Twin Falls, Idaho	1270	1000	41
KTHS	Hot Springs National Park, Ark	1090	50000	38
KTKC	Visalia, Calif	920	1000	30
KTMS	Santa Barbara, Calif	1250	1000	30
KTOII	Lihne, Hawaii	1490	250	60
KTOK	Oklahoma City, Okla	1400	250	5
KTRB	Modesto, Calif	860	250	3
KTRH	, , . Houston, Tex	1320	5000 d., 1000 n.	ā
KTRI	Sioux City, Is	1150	250	4
KTSA	San Antonio, Tex	550	5000 d., 1000 n.	22
KTSM	El Paso, Tex	1380	500	5
KTSW	, , . Emporis, Kane	1400	250	4
KTUC	Tueson, Ariz.	1460	250	3
KTUL	Tulma, Okla	1430	5000	5
KTW .	Seuttle, Wash	1250	1000	5
KUIN	Grants Pass, Ore	1340	250	5
KUJ .	Walla Walla, Wush	1420	1000	5
KUOA	Slloam Springs, Ark	1290	5000	3
KUSD	Vermillion, S. Dak	920	500	5
KUTA	Salt Lake City, Utah	570	1000	5
KVAK	Atchison, Kans. ,	1450	250	4
(VAN	Vancouver, Wash	910	250	5
CVCV	Redding, Calif	1230	250	3
VEC	San Luls Obispo, Calif	1230	250	3
KVFD	Fort Dodge, la,	1400	250	4:
VOB	Great Bend, Kans	1400	250	4
. IVI	Tacoma, Wash	570	5000	59
<b>VIC</b>	Victoria, Texas	1340	250	5
VNU	Logan, Utah	1230	250	5
VOA	Tueson, Ariz.	1290	1000	3
VOD	Denver, Colo	630	1000	3
VOE	Santa Ana, Callf	1490	250	3
VOL	Lafayette, La	1340	250	4
voo	Tulsa, Okla	1170	50000	5
VOR	Colorado Springs, Colo	1300	1000	3
vos	Bellingham, Wash	1230	250	ã
vox	Moorhead, Minn	1340	250	4
VRS	Rock Springs, Wyoming	1400	250	6
KVSF	Santa Fe, N. M.	1340	250	4
vso	Ardmore, Okla	1240	250	5
VWC	Vernon, Tex	1490	250	5
	Wallace, Ida	1450	250	4
	Watertown, S. D	1510	250	5
	Hutchinson, Kans	1450	250	4
WEW		1490	250	4
	Hot Springs, Ark.	1310	250	3
	Wichita Falls, Tex.	620	5000 d., 1000 n.	5 5
WG.	_			
	Albany, Ore.	1230	250	3
	Globe, Ariz.	1240	250	5
		1340	250	4
	,	1080	500	5.
WR.	St. Louis, Mo	1380	5000	44

Call etter	City	Frequency in Kilocycles	Power in Watts	<b>Se</b> e Page
WLC .	Decoruh, Iowa	1210	250	419
KWLK .	Longview, Wash	1400	250	88
WLM .	Willmar, Minn	1340	250	465
wno .	Winona, Minn,	1230	250	463
woc .	Poplar Bluff, Mo	1340	250	461
wos .	Jefferson City, Mo	1340	250	46
cwsc .	Pullman, Wush	1250	5000	58
WTO .	Springfield, Mo	560	5000	47
CWYO .	Sheridan, Wyoming	1400	250	60
XA	Seattle, Wash	770	1000	59
XL	Portland, Ore	1150	250	53
xo	El Centro, Calif	[190	250	35
хок .	St. Louis, Mo	630	5000	46
KXOX .	Sweetwater, Tex	1210	250	57
XRO .	Aberdeen, Wash	1310	250	58
XYZ .	Houston, Tex	1470	1000	57
YA	San Francisco, Calif	1260	5000 d., 1000 n.	36
YAN .	Cheyenne, Wyo	1400	250	60
YCA .	Prescott, Ariz	1490	250	34
xos .	. Merced, Calif	1680	250	359
YSM .	Mankato, Minn	1230	250	45
XVUM .	, , Yoma, Ariz		250	31
XW	Philadelphia, Pa		50000	53
AAB .	Boston, Mass		1000	93 44
AAF .	Chicago, Ill		1000	40
VAAT .	Jersey Clty, N. J	970	1000	47
VABC .	, , New York, N. Y	880	50000	48
ABI .	Bangor, Me		250	43.
ABY .	. Albany, N. Y		250	48
VACO .	Waco, Tex.		250	57
TADC . TAGA .	. Tallmadge, (Akron) Ohio		5000	51.
AGE .	. Atlanta, Ga		1000 d.,500 n. 1000	39 50
AGF .	. Dothan, Ala.		250	31
AGM .	Presque Isle, Maine		250	43
AIM .	Anderson, S. C		250	55
TAIR .	Winston-Salem, N. C	1340	250	51
AJR .	Margantown, W. Va	1230	250	59
VAKR .	. Akron, Ohio		1000	51
YALA . YALB .	. Mobile, Ala.		5000	34
AML .	Laurel, Miss.		1000	39
VAOV .	. Vincennes, Ind.		250 250	41
API .	. Birmingham, Ala.		50000	34:
	Condional			
APO .	. Chattanooga, Tenn		5000 d., 1000 n.	555
ARD .	Brooklyn, N. Y	1430	500	-18
'ARM .	Scranton, Pa	1400	250	54
AST .	Grand Rapids, Mich		5000	45
VATL .	Atlanta, Ga		250	39
ATN .	Watertown, N. Y		250	50
ATR .	Waterbury, Conn		250	37
VATW . VAVE .	. Ashland, Wisc		250 5000	59: 42:
AWE .	. Louisville, Ky		1000	48
YAYX .	Wayeross, Ga		250	39
	Hazleton, Pa.		250	53
	. West Lafayette, Ind		5000 d., 1000 n.	418
			250	478
VBAB .	Atlantic City, N. J	1190	200	
VBAB .	Atlantic City, N. J		50000	437

Call etter	City	Frequency in Kilocycles	Power in Watts	P
BAX	Wilkes-Barre, Pa	1210	250	
BBC	Brooklyn, N. Y	1430	500	
BBL	Richmond, Va	1240	250	
BBM	Chicago, Ill.	780 1330	50000 1000	
BBR	Brooklyn, N. Y	1230	250	
BBZ BCM	Bay City, Mich	1440	1000 d., 500 n.	
BEN	Buffalo, N. Y	930	5000	
BHP	Huntsville, Ala.	1230	250	
BIG	Greensboro, N. C	1470	5000	
BLK	Clarksburg, W. Va	1400	250	
BIR	. Knoxville, Tenn	1240	250	
BLJ	. Dalton, Ga	1230	250	
BML	, Macon, Ga	1240	25 <b>0</b>	
BNS	Columbus, Ohio	1 <b>160</b> 13 <b>8</b> 0	5000 d., 1000 x. 5000	
BNX	New York, N. Y	1400	250	
BOC	Salisbury, Md	1490	250	
BOW	Terre Haute, Ind	1230	250	
BRB	Red Винк, N. J	1210	250	
BRC	Birmingham, Ala	960	5000	
BRE	Wilkes-Barre, Pa	1340	250	
BRK	Pittsfield, Mass	1340	250	
BRY	Waterbury, Conn	1590	5000	
BRW	Welch, W. Va	1310	250	
ВТ	Charlotte, N. C	1110 1490	50000 250	
BTA	Batavia, N. V	1400	250	
BTH	Williamson, W. Va.	1 100	250	
BTM BZ	Boston, Mass.	1030	50000	
BZA	Boston, Mass.	1030	1000	
CAD		1250	500	
CAE		1250	5000	
CAL	Northfield, Minn	770	5000	
CAM	Camden, N. J	1310	500	
CAO		600	1000 d., 500 n.	
CAP	Asbury Park, N. J	1310	500	
CAR	Pontiac, Mich	1130 1 <b>2</b> 30	1000 d 250	
CAT	Philadelphia, Pa	1210	50000	
CAX	Burilngton, Vt.	1230	250	
CAZ	Carthage, Ill.	1080	250	
CBA	Allentown, Pa	1120	1000	
CBD	Chicago, Ill.	1110	5000	
CBI	Columbus, Miss	1400	250	
свм	Baltlmare, Md	1400	250 2 <b>50</b>	
CBS · ·	Springfield, Ill.	1450 1230	250	
CBT	Minneapolls, Minn.	830	50000	
CED	Du Bois, Pa	1230	250	
CFL	Chlengo, Ill.	1000	10000	
сня	Charleston, W. Va	580	5000	
CHV	Charlottesville, Va	1450	250	
CKY	Cincinnati, Ohlo	1530	50000	
CLE	Cleveland, Ohio	610	500	
CLO	Janesville, Wisc	1230	250	
CLS	Jollet, Ill.	1340	250	
CMI	Ashland, Ky.	1340 1400	250 250	
CNC	Brooklyn, N. Y	1600	500	
CNW	Pensacola, Florida	1370	1000 d., 500 n.	
COA	Meridian, Miss.	910	1000	
COC	Columbus, Ohio	1230	250	
COP	Boston, Mass.	1150	500	
cos	Columbia, S. C.	1100	250	
cou	Lewiston, Me.	1240	250	
COA · ·	Montgomery, Ala	1240	250	
	Cineinnati, Oltio	1230	250	
CRW	Chlengo, Ill.	1240	250	
1000				
CSC	Charleston, S. C	1399 970	1000 5000	

Call Letter	City	Frequency in Kilocycles	Power in Watts	S: Pa
	lansas City, Mo	610	5000	4
	Danville, Ill.	1490	250	4
	Vest Point, Ga	1310	250	3
	hiladelphia, Pa	1400 970	250 5000	5 5
	scanaba, Mich	1490	250	4
	oanoke, Va	960	5000	5
	rlando, Fla	580	5000	3
VDEF C	linitanooga, Tenn	1400	250	5
	Vilmington, Delaware	1150	5000	3
	Vaterbury, Vt.	550	1000	5
	linneapolis, Minn.	1130	5000 d.,1000 n,	4
	'anamu City, Fla	1230 1340	250 - 250	9
	urham, N. C	1490	250	ı
	hattanooga, Tenn	1310	5000	
	artford, Conn	1360	5000	3
7DSM S	uperior, Wisc	1230	250	(
	cw Orleans, La	1280	5000	4
	hampaign, Ill	1400	250	4
	uscola, Ill.	1050	1000	4
	ew York, N. Y	660	500 <b>00</b>	4
	rovidence, R. I	790	5000	1
	au Claire, Wisc	1070 1320	5000 d., 1000 n. 5000	-
	arrisburg, Ill.	1210	250	
	uffalo, N. Y	1340	250	4
	hleugo, Ill	1246	250	
	ocky Mount, N. C	1450	250	- (
	oston, Mass	590	5000	
EEU R	eading, Pa	850	1600	!
	ew Haven, Coun	960	1000	
	attle Creek, Mich	1 100	250	
	ilwaukee, Wisc	1310	250	
	hicago, Ill	890 1230	50000 250	
	vansville, Ind.	1400	250	
	rie, Pa	1190	250	
	aston, Pa	1400	250	
	alem, Mass	1230	250	
7EVD N	ew York, N. Y	1:330	1000	•
YEW S	t. Louis, Mo	770	1000	•
	oyal Oak, Mich	1310	250	
	allas, Tex.	820	50000 250	
	outh Bend, Ind	1230 1246	250	
	reenville, S. C	1330	5000	
	Itoona, Pu	1340	250	
	yracuse, N. Y	1390	5000	
	ndianupolis, Ind	1500	5000	
FBR B	altimore, Md	1300	5000	
	awtucket, R. I	1420	1000	
	lint, Mich.	910	1000 5000	
	umter, S. C	1370 1340	250	
	hiladelphia, Pa	560	1000	
	Visconsin Rapids, Wisc	1340	250	
	ampa, Fla.	970	5000 d., 1000 n.	
	rederick, Md	930	500	4
	oungstown, Obto	1 150	250	
	ayetteville, N. C	1370	250	
	futtiesburg, Miss	1400	250	
	t. Augustine, Fla	1240	250 250	
	Inston, N. C	1450 1230	250 250	
	ort Lauderdale, Fla	1100	250	
	ort Myers, Fla.	1240	250	
	redericksburg, Va.	1290	250	
	ngasta, Ga	1240	250	
YGAL L	ancaster, Pa	1190	250	1
	ortland, Me.	560	5000 5000 d., 1000 n.	
		1480		

Call etter	City	Frequency in Kilocycles	Power in Watts	P
WGAU .	Athens, Ga	1340	250	
NGBB .	Freeport, N. Y	1240	250	
VGBF .	Evansville, Ind		5000 d., 1000 n.	
WGBI . WGBR .	Scranton, Pa		1000 d., 500 n.	
VGBR . VGCM .	Gulfnort Miss		250	
VGES .	Gulfport, Miss.		250 1000 d., Sun. 500 :	n.
VGGA .	. Guinesville, Ga		250	".
VGH .	. Newport News, Va		250	
VGIL .	Galesburg, Ill	1400	250	
VGKV .	Charleston, W. Vn		250	
VGL	Fort Wayne, Ind		250	
GN	. Chicago, Ill.		50000	
GNC .	. Gastonia, N. C		250 250	
GOV	Valdosta, Ga		250	
GPC .	. Albany, Ga.		250	
GR .	Buffulo, N. Y		5000 d., 1000 n.	
GRB .	Grand Rapids, Mich	1230	250	
ORC .	New Albany, Ind	1400	250	
GRM .	Grenada, Miss		250	
GST .	Atlanta, Ga.		5000 d., 1000 n.	
GTC .	Greenville, N. C		250	
GTM . GY	. Wilson, N. C		250	
HA	· Madison, Wisc.		50000 5080	
HAI .	Greenfield. Mass.		250	
HAL .	· Saginaw, Wich.		500	
HAM .	. Rochester, N. Y		50000	
HAS .	Louisville, Ky		50000	
HAT .	. Philadelphia, Pa		250	
HAZ .	Troy, N. Y		1000	
нв	Kansas City, Mo		1000	
HBB .	Center Obio		250	
HBF .	Canton, Ohio		250 5000	
иві .	Newark, N. J.		2580 d., 1000 n.	
HBL .	. Sheboygan, Wisc		1000 d., 500 n.	
HBQ .	. Memphis, Tenn	1400	250	
HBU .	Anderson, Ind.		250	
HBY .	. Appleton, Wisc		250	
HCU . HDF .	Columnt Wish		1000	
HDH .	. Calumet, Mich		250	
HDL .	Olean, N. Y		1000 250	
HEB .	. Portsmouth, N. H		1000	
ΠEC .	. Rochester, N. V		1000 d., 500 n.	
nfc .	, Cicero, Ill.		250	
пю .	Dayton, Ohio		5000	
HIP .	. Hammond, Ind.		5000	
HIS .	. Bluefield, W. Va		1000 d., 500 n.	
нјв .	. Greensburg. Pa.		250	
нк	. Cteveland, Obio		250 5000	
нкс .	· Columbus, Ohio		500	
HKY .	Hlekory, N. C		250	
HLB ,	. Virginia, Minn		250	
HLD .	· Ningara Falls, N. Y	1290	1800	
HLN .	· Harlan, Ky		250	
HLS . HMA .	· Port Huron, Mich		250	
HN	· Anniston, Ala.		250	
но	New York, N. Y		5000 d., 1000 n.	
ном .	Des Molnes, Ia	1010	50000 1000 d 580 m	
nor .	· Hopkinsville, Ky.	1930	1000 d., 590 m. 250	
HP.,	· Harrisburg, Pa.	1460	5000 d., 1000 n.	
нгв .	· Cookeville. Tenn	1100	250 a., 100 h.	
HYN ,	· Halyoke, Mass	1400	250	
IBA .	- Madison, Wisc	1310	5000	
IBC .	. Indianapolis, Ind	1070	5000 d., 1000 n.	
IBG .	. Glenside, Pa		1000	
IBM .	. Jackson, Mich	1450	250	

Call Letter	City	Frequency in Kilocycles	Power in Watts	See Page
WIBU	Poynette, Wisc.	1240	250	602
WIBW	Topeka, Kuns.	580	5000	425
WIBX WICA	Ashtabula, Ohio	1230	250	504
WICC	Bridgeport, Conn.	970 6 <b>00</b>	1000 1000 d., 500 n.	513 373
WIGM	Medford, Wisc	1490	250	60(
WIL	St. Louis, Mo	1230	250	169
WILL	Urbann, Ill.	580	5000	412
WILM	Wilmington, Del	1450	250	377
WIND WING	Dayton, Ohio	560 1410	5000 5000	414
WINN	Louisville, Ky	1240	250	52( 429
WINS	New York, N. Y	1000	1000	491
WINX	Washington, D. C	1840	250 & 50-amp.	378
WIOD-WMBF	Mlami, Fla.	610	5000	383
WIP WIRE	Philadelphia, Pa	610 143 <b>0</b>	5000 5000	543
wis	Columbia, S. C	560	5000	41.5 558
WISE	Asheville, N. C	1406	250	508
WISH	Indianapolis, Ind	1310	5000 d., 1000 n.	416
WISN	Milwaukee, Wise,	1150	5000	601
WITH WIZE	Baltimore, Md	1230 1340	250	439
WJAC	Johnstown, Pa.	14(H)	250 250	523 538
WJAG	Norfolk, Nebr	780	1000	474
WJAR	Providence, R. I	920	5000	551
WJAS	Pittsburgh, Pa.	1320	5000	545
WJAX	Jacksonville, Fla	930	5000 d., 1000 n.	381
WJBC WJBK	Detroit, Mich.	1230 1190	250	451
WJBO	Baton Rouge, La	1150	250 5000	432
WJBW	New Orleans, Lu	1830	250	433
WJBY	Gadsden, Ala	1240	250	344
WJDX	Jackson, Miss. Hugerstown, Md.	1300	5000 d., 1000 n.	464
WJEJ WJHL	Johnson City, Tenn	1240 910	250	440 560
MIHO	Opelika, Ala	1400	1000 2 <b>50</b>	346
WJHP	Jacksonville, Fla	1240	250	455
WJIM	Lansing, Mich	1160	30000	407
WJJD WJLS	Beckley, W. Va.	1240	250	594
WJMC	Rice Lake, Wisc	1240	250 250	602 454
WJMS	Ironwood, Mich	1450 1280	250	390
WJNO WJOB	West Palm Beach, Fla	1230	250	413
WJPF	Herrin, Ill.	1310	250	410
WJPR	Greenville, Miss	1340	25')	163
WJR	Detroit, Mich	760 1230	56000 250	451 346
WJRD	Tuscaloosa, Ala.	1500	50000	378
WJSV WJTN	Jamestown, N. Y	1240	250	488
wJw	Akron, Ohio	1240	250	515
WJZ	New York, N. Y	770	50000	493
WKAQ	San Juan, Puerto Rico	620 870	5000 5000	607 453
WKAR WKAT	East Lansing, Mich	1360	1000	385
WKBB	Dubuque, Ia.	1490	250	120
WKBH	La Crosse, Wisc	1410	5000	599
WKBN	Youngstown, Ohio	570	1000 d., 500 n.	524
WKBO	Harrisburg, Pa	1230	250 250	537 417
WKBV WKBW	Richmond, Ind	1 190 1520	50000	487
WKBZ	Muskegon, Mich.	1490	250	45
WKEU	Griffin, Ga	1450	250	393
WKGA	Tampa, Fla	970	5000 d.,1000 n.	390
WKIP	Poughkeepsie, N. X.	1450	250 250	499
WKMO WKNE	Kokomo, Ind	1490 1400	250 5000	410
WENY	Kingston, N. Y.	1190	250	488
WROK	Sunbury, Pa.	1240	520	548
WKPA	New Kensington, Pa	1150	250	539
WKPT	Kingsport, Tenn	1400	250	560
WKRC	Cincinnati, Ohio	550	5000 d., 1000 n.	517

Letter	City	Frequency in Kilocycles	Power in Watts	Se Pag
WKRO	. Calro, 10	1490	250	40
WKST WKWK	New Castle, Pa	1280	1000	53
VKY	Oklahoma City, Okla.	1400 930	250	59
vkzo	. Kalamuzoo, Mich.	590	5000 1000	52 45
VLAC	. Nashville, Tenn	1510	50000	56
VLAG	La Grange, Ga	1210	250	39
VLAR Vlap	Lakeland, Fla. Lexington, Ky.	1340	250	38
VLAV	Grand Rapids, Mich	1450 1340	250	42
VLAW	Lawrence, Mass.	680	250 5000	45 44
VLB	. Minneapolis, Minn.	770	5000	45
VLBC	Mancle, Ind.	1340	250	41
VLBJ VLBL	Bowling Green, Ky	1340	250	4%
VLBL Vlbz	Bangor, Me.	<b>6</b> 20	50(M)	60
VLEU	Erle, Pa.	1450	1000 d., 500 n. 250	43 53
VLLH	. Lowell, Mass	1400	250	44
VLNH	Laconia, N. H	1340	250	47
VLOF	, Orlando, Fla	1930	250	38
VLOG VLOK	Lima, Ohio	1230	250	59
TLOL	Minneapolls, Minn	1210 1330	250	52
VLPM	Suffolk, Va.	1450	1000 250	45 58
VLS	. Chicago, Ill.	890	50000	40
VLTH	Brooklyn, N. Y	1430	500	49
VLVA	Lynchburg, Va.	1230	250	58
VLW	Cincinnati, Ohio	700	50000	51
VMAL VMAM	Washington, D. C	63 <b>0</b> 570	5000	3
VMAN	Mansfield, Ohio	1400	250 250	60 51
MAQ	. Chloago, Ill	670	50000	40
VMAS	. Springsteld, Mass	1450	250	4
VMAW	Worcester, Mass	1230	250	4
VMAZ VMBC	Macon, Gs	9-10	5000	39
VMBD	Peorla, Ill.	1400 1470	250 5000 d., 1000 n.	43 43
VMBF-WIO		1380	5000 d.,1000 n.	51
ГМВО		1450	250	46
VMBH	Joplin, Mo	1110	5000	40
VMBI VMBO	Chleago, III	1110	5000	40
VMBR	Jacksonville, Fla.	1340 1100	250 250	41 31
VMBS	Uniontown, Pa	590	1000	5:
VMC	Memphis. Tenn.	790	5000 d., 1000 n.	50
VMCA	New York, N. Y	570	5000 d., 1000 n.	4
VMDF VMEX	Greenwood, S. C	1450	250	5
PMFD	Wilmington, N. C.	1510 140 <b>0</b>	5000 250	4. 5
VMFF	. Plattsburg, N. Y	1340	250	4
VMFG	Hibbing, Minn.	1210	250	4
VMFJ VMFR	Daytona Beach, Fla	1450	250	3.
VMER VMGA	. Moultrie, Ga	1230	250	50
VMIN	. St. Paul, Minn	1400 1400	250 250	3:
VMJM	Cordelc, Ga	1490	250	4 3
VMMN	. Fairmont, W. Va	920	5000	5
VMOB	Mobile, Ala.	1230	250	3-
VMOG VMPC	Brunswick, Ga	1490	250	3
MPS	, Memphis, Tenn,	1230	250	4
VMRC .	Greenville, S. C.	1460 1450	1000 d., 500 n. 250	5
MRN	, Warion, Ohio	1490	250	5 5
VMRO	. Aurora, Ill	1280	250	4
VMSD	- Muscle Shorts City, Ala	1450	250	3
VMSL VMT	Decatur, Ala Cedar Rapids. Ia	1100	250	3
MUR	. Manchester, N. H	600 610	5000 5000 / 1000 n	4
VMVA .	. Martinsville, Va	1450	5000 d., 1000 u. 250	4 5
VMWH .	Augusta, Ga	1450	250	3
				3
VNAD WNAC	Boston, Mass.	1450	250	

tter	City	Frequency in Kilocycles	Power in Watts	Se Pa
NAX	Yankton, S. D	570	5000	5
NBC	New Britain, Conn	1410	5000 d., 1000 n.	3
NBF	Binghamton, N. Y	1490	250	4
NBH	New Bedford, Mass	1340	250	4
NBZ	Saranac Lake, N. Y	1320	160	5
NEL	San Juan, Puerto Rico	1350	5000	6
NEW	New York, N. Y	1280	5000	4
VNLC	New London, Conn	1450	250 250	3 4
NOX .	New Orleans, La	1450 <b>990</b>	50 <b>00</b> d., 1000 n.	5
NYC	New York, N. Y	830	1000	4
OAI	San Antonio, Tex	1200	50000	4
oc	Davenport, Ia.	1150	250	4
OCB	Hyannis, Mass	1240	250	4
01	Ames, Ia	640	5000	4
око	Albany, N. Y	1460	1000 d., 500 n.	4
OL	Washington, D. C	1260	1000	3
VOLF	Syracuse, N. Y.	1 190	250	
OLS	Florence, S. C	1230	250	ā
омі	Owensboro, Ky	1490	250	4
омт	Manitowoc, Wisc.	1240	250	(
OOD	Grand Rapids, Mich	1300	5000	
OPI	Bristol, Tenn.	1490	250	1
OR	New York, N. Y	710	50000	
ORC	Wordester, Mass.	1310	1000	•
ORD ORK	Spartanburg, S. C	1 100	250	
	York, Pa.	1350	1000	1
ORL OSU	Boston, Mass	950	1000 1000	
OSC	New York, N. Y.	570	10000	
ow	Omaha, Nebr.	1130 590	5000	
owo	Fort Wayne, Ind	1190	50000	
PAB	Ponce, Puerto Rico	1370	1000	
PAD	Paducah, Ky.	1450	250	
PAR	Parkersburg, W. Va	1450	250	
TAT	Paterson, N. J	936	1000	
PAX	Thomasville, Ga	1240	250	
PAY	Portsmouth, Ohlo	1400	250	
PEN	Philadelphia, Pa	950	5000	
PER	DeLand, Fla	1340	250	
PIC	Sharon, Pa	790	1000	
PID	Petersburg, Va	1240	250	
PRA	Mayaguez, Puerto Rico	790	2500 d., 1000 n.	
PRO	Providence, R. I	630	5000	
PRP	Ponce, Puerto Rico	1520	5000 d., 1000 n.	
PTF	Mlami, Fla.	680	50000 1000	
QAM	Scranton, Pa.	560 910	1000 d., 500 p.	
QAN · ·	Vicksburg, Miss.	1390	1000 a., 580 m.	
OBC	St. Albans, Vt	1420	1000	
QDM	New York, N. Y	1600	1000	
RAK	Williamsport, Pa	1400	250	
RAL .	Ruleigh, N. C	1210	250	
RAW	Reading, Pa	1340	250	
RRI	, Columbus, Ga	1230	250	
RC	. Washington, D. C	980	5000	
RDO	Augusta, Me	1400	250	
RDW	Augusta, Ga	1490	250	
REC	Memphis, Tenn	600	5000	
REN	Lawrence, Kans	1250	5000 d., 1000 n.	
RGA	Rome, Ga	1190	250	
RJN	Racine, Wisc	1400	250	
VRLC	. Toceoa, Ga	1450	250	
VRNL	Richmond, Va	910	1000	
FROK	Rockford, Ill	1440	1000 d., 500 n.	
VROL	Knoxville, Tenn.	620	1000 d., 500 n.	
_	Dallas, Tex.	1310	5000	
	Gainesville, Fla.	850	5000	
VRUF		1140	50000	
VRUF VRVA	Richmond, Va.	1140 1360	50000 5000	

Call etter	City	Frequency in Kilocycles	Power in Watts	Se Pa
WSAM	. Saginaw, Mich,	1230	250	4
WSAN	Allentown, Pa	1470	1000	5
WSAR	Fall River, Mass.	1480	1000	4
WSAU WSAV	. Wausau, Wisc	1400 1340	250 250	6
VSAY	. Rochester, N. Y.	1240	250	39 5
VSAZ	. Huntington, W. Va	930	1000	5
VSB	. Atlanta, Ga	750	50000	3
WSBC	. Chicago, Ill.	1240	250	4
VSBT VSFA	South Bend, Ind	960	500	4
VSFA VSGN	Montgomery, Alu	1440	1000 d., 500 n.	3
vsix	Nashville, Tenn.	1840	250	3
vsjs	Winston-Salem, N. C.	1249 600	250 1 <b>00</b> 0	5
VSKB	. McComb, Miss.	1230	250	ð 4
VSLB	Ogdensburg, N. Y.	1400	250	4
vsli	Jackson, Miss	1450	250	4
	Roanoke, Va	1490	250	5
VSM VSMB	Nashville, Tenn.	650	50000	5
VSMB VSNJ	New Orleans, La	1350	5000	4
	Bridgeton, N. J	1240	250	4
vs00	Sault Ste. Marie, Mich.	1240 1230	250	3
VSOY	Decatur, Ill.	1340	250 250	4
SPA	Spartanburg, S. C	950	1000	
VSPB	. Sarasota, Fla.	1450	250	
SPD	Taledo, Ohio	1370	5600	
SPR	. Springfield, Mass	1270	500	4
STP	. Salisbury, N. C.	1490	250	
STV	Steubenville, Ohio	1340	250	£
SUI	. Iowa City, Ia	910	5000 d., 1000 n.	
SVA	Harrisonburg, Va.	620 550	5000	:
8V8	Buffslo, N. Y	1400	1000 250	
SYB	Rutland, Vt.	1490	250	
SYR	. Syracuse, N. Y	576	1000	
TAD	. Qulncy, Ill	930	1000	
TAG	. Worcester, Mass	580	5000 d., 1000 n.	
TAL	Tallahassec, Fla.	1340	250	
TAM	Cleveland, Ohlo	1100	50000	
TAQ	Green Bay, Wisc	1360	5000	
TAW	College Station Tox	790	5000	
TAX	. College Station, Tex	1150 1240	1000	
тво	. Cumberland, Md.	820	250 250	
TCM	. Traverse City, Mich.	1400	250	
TCN	. Minneapolis, Minn.	1280	5000 d., 1000 u.	
TEL	Philadelphia, Pa	1340	250	
	Hartford, Conn	1230	250	
TIC	Hartford, Conn.	1080	50000	
TJS TMA	Jackson, Tenn.	1390	1000	
VTMC	. Charleston, S. C	1250	1000	
TMJ	· Ocala, Fla.	1490	250	
TMV	· Milwaukee, Wige	620	5000	
TNJ	East St. Louls, Ill	1190	250	
TOC	- Savannah, Ga.	1310	500	
	· Toledo, Ohlo	1290 1230	5000 d., 1080 n,	
TBC	Eikhart, Ind.	1340	250 250	
TRY	. Troy, N. Y	980	1000	
VTSP	. St. Petersburg, Flu	1380	1000 d., 500 n.	
VFW	Brooklyn, N. Y	1130	500 a., 500 h.	
	. Washington, D. C	1400	250	
(WJ	. Detroit, Mich	950	5000	
WL	. New Orleans, La	870	50000	
WNC	. Asheville, N. C	570	1000	
WNY	. Watertown, N. Y	1300	500	
WRL	. Woodside, N. Y	1600	500	•
wsw		1490	250	
WVA	. Wheeling, W. Va	1170	50000	
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## STATIONS BY CITIES

## ■ MAJOR NETWORK AFFILIATIONS■

Key to Network Abbreviations: C—Columbia Broadcasting System; M—Mutual Broadcasting System; NB—National Broadcasting Co. Blue Network; NR—National Broadcasting Co. Red Network.

City and Call	Major	City and Call	Major
State Letters	Network	State Letters	Network
Aberdeen, S. DKABR	M	Augusta, MeWRDO	NB-NR-M
Aberdeen, WashKXRO	M	Aurora, IllWMRO	
Abilene, TexasKRBC	M	Austin, TexasKNOW	M
Ada, Okla	M·NB	KTBC	
Akron, Ohio (Tallmadge)WADC	С	Baker, OreKBKR	
WAKR	NB	Bakersfield, CalifKERN	NB
wjw	M	KPMC	M
Alamosa, Colo		Baltimore, MdWBAL	NB-M
Albany, GaWALB		WCAO	С
WGPC		WCBM	М
Albany, N. YWABY	NB-M	WFBR	NR
woko	С	WITH	
Albany, OregonKWIL	M	Bangor, MeWABI	С
Albert Lea, MinnKATE	M	WLBZ	NB-NR-M
Albuquerque, N. MKGGM	С	Batavia, N. Y	
ков	NB-NR	Baton Rouge, LaWJBO	NB
Alexandria, LaKALB		Battle Creek, MichWELL	NB
Allentown, Pa		Bay City, MichWBCM	NB
WSAN	NB-NR	Beaumont, TexKFDM	NB
Altoona, PaWFBG	NR	KRIC	
Amarillo, TexasKFDA	M	Beckley, W. VaWJLS	
KGNC	NR	Bellingham, WashKVOS	M
Ames, IowaWOI		Bend, OreKBND	
Anchorage, AlaskaKFQD		Berkeley, Calif	M
Anderson, IndWHBU	_	Big Spring, TexKBST	NB-NR
Anderson, S. CWAIM	С	Billings, MontKGHL Binghamton, N. YWNBF	C-M
Anniston, AlaWHMA	C	Birmingham, AlaWAPI	C-W
Appleton, Wisc	C NB	WBRC	NR
Ardmore, Okla	ИВ	WSGN	NB-M
Asheville, N. CWISE	NR	Bismarck, N. DKFYR	NB-NR
WWNC	c	Bloomington, IllWJBC	
Ashland, KyWCMI	M	Bluefield, W. VaWHIS	NB
Ashland, Wisc		Blytheville, ArkKLCN	
Ashtabula. OhioWICA		Boise, IdaKIDO	NB-NR
Astoria, Ore		Boone, IowaKFGQ	
Atchison, Kans		Boston, Mass WAAB	M
Athens, GaWGAU		WBZ	NB
Atlanta, Ga	NB	WBZA	NB
WATL	M	WCOP	
WGST	С	WEEI	С
WSB	NR	wндн	
Atlantic City, N. JWBAB	C	WMEX	
WFPG		WNAC	NR
Auburn, N. YWMBO		WORL	
Augusta, Ga	NB	Bowling Green, Ky WLBJ	
wmwn		Bozeman, Mont KRBM	NB-NR
WRDW	С	Brady, TexasKNEL	

Bridgeport, Conn.         WICC         NB-M         WKRC         M           WNAB         WNAB         WLW         NB-M           Bridgeton, N. J.         WSNJ         WSAI         NI           Bristol, Tenn.         WOPI         NR         Clarksburg, W. Va.         WBLK         NR-MS-IN           Brookings, S. D.         KFDY         Clayton, Mo.         KFUO         WCLE         M           Brooklyn, N. Y.         WARD         Cleveland, Ohio.         WCLE         M           WBBC         WGAR         C         WGAR         C           WBR         WCNW         WTAM         NB-M           WCNW         WTAM         NB-M         NB-M           WTAM         NB-M         NB-M         NB-M           WTAM         NB-M         NB-M         NB-M	work VR 3 VB
Bridgeport, Conn.   WICC   NB-M   WKRC   M   WLW   NB-M   WLW	NR 3 NB
## WNAB  Bridgeton, N. J.	3 NB
## WNAB  ## Bridgeton, N. J.	3 NB
Bridgeton, N. J.   WSNJ   Bristol, Tenn.   WOPI   NR   Clarksburg, W. Va.   WBLK   NR-Brookings, S. D.   KFDY   Clayton, Mo.   KFUO	3 NB
Bristol, Tenn.   WOPI   NR   Clarksburg, W. Va.   WBLK   NR-Brookings, S. D.   KFDY   Clayton, Mo.   KFUO   KFUO   KFUO   Cleveland, Ohio.   WCLE   M   WGAR   C   WHK   NB-Brownsville, Texas   KGFI   Brownwood, Texas   KBWD   College Station, Tex.   WTAW   Brinswick, Ga.   WMOG   Buffalo, N. Y.   WBRY   WEBR   NB   WEBR   NB   WEDR   NB   WEBR   NB   WIS   NI	NB I
Brookings, S. D.   KFDY   Clayton, Mo.   KFUO	ı
Brooklyn, N. Y.   WARD   WBBC   WGAR   C   WGAR   C   WBBR   WHK   NB-N   WTAM   NE   WTAM   WTAM   WTAM   WTAM   College Station, Tex.   WTAM   WTAM   WTAM   College Station, Tex.   WTAM	
WBBC	
WBBR   WHK NB-N	
WCNW WVFW Clovis, N. M	
Brownsville, Texas KGFI Coffeyville, Kans. KGGF M Brownwood, Texas KBWD College Station, Tex. WTAW Brnnswick, Ga. WMOG Colorado Springs, Colo. KVOR C Buffalo, N. Y. WBEN NR Columbia, Mo. KFRU NI WBNY WEBR NB Columbia, S. C. WCOS NI	
Brownsville, Texas KGFI Coffeyville, Kans. KGGF M Brownwood, Texas KBWD College Station, Tex WTAW Brnnswick, Ga. WMOG Colorado Springs, Colo. KVOR C Buffalo, N. Y. WBEN NR Columbia, Mo. KFRU NI WBNY WEBR NB Columbia, S. C. WCOS NI WEBR NB WIS NI	
Brownwood, Texas	
Brinswick, Ga.	
Buffalo, N. Y	
Buffalo, N. Y	
WBNY Columbia, S. C	Į.
WEBR NB WIS NI	ı
WGR C-M Columbus, GaWRBL C	•
WKBW C-M Columbus, MissWCBI	
WSVS Columbus, OhioWBNS C	
Development VI	тВ
Butto Most VCID ND ND	K
WALC M	
Column Mich WUDE	
Comdon N I WCAM	
Coldele, Ca Winjin	
Corpus Christi, TexKE13	
KK19 NP-N1	-M
Cape Girardeau, MoKFVS Corsicana, TexasKAND	
Carlsbad, N. MKLAH Corvallis, OreKOAC	
Carthage, Ill	
Casper, WyomingKDFN Dallas, TexKRLD C	
Cedar City, UtahKSUB WFAA N	Ł
Cedar Rapids, IowaWMT M-C WRR M	
Centralia-Chehalis, WashKELA M The Dalles, OreKODL	
Champaign, IllWDWS Dalton, GaWBLJ	
Charleston, S. CWCSC C Danville, IllWDAN	
WTMA NR Danville, VaWBTM M	
Charleston, W. VaWCHS C Davenport, IowaWOC NI	Ł
WGKV NR-NB Dayton, OhioWHIO C	
Charlotte, N. CWBT C WING NR-	J R
WSOC NR-M Daytona Beach, FlaWMFJ NI	
Charlottesville, VaWCHV Decatur, AlaWMSL M	•
Chattanooga, TennWAPO NB-NR Decatur, IllWSOY	
Title beautiful and the second of the second	
Detolali, Iowa III.	
De Dand, Plat.	
Denton, Tea.	
Deliver, Colo. ,	
ALM 2 A	
WCBD KOA NE	
WCFL NR KPOF	
WCRW KVOD NE	
WEDC Des Moines, IowaKRNT C	
WENR NB KSO NB-N	1
WGES WHO NE	
WGN M Detroit, MichWJBK	
****	
WJJD WJR C	
WJID WJR C WLS NR WMBC	
WJID WJR C WLS NR WMBC WMAQ NB WWJ NR	
WJID WJR C WLS NR WMBC WMAQ NB WWJ NR WMBI WXYZ NB	
WJJD         WJR         C           WLS         NR         WMBC           WMAQ         NB         WWJ         NR           WMBI         WXYZ         NB           WSBC         Devils Lake, N. DKDLR         M	
WJJD	
WJJD	
WJJD	
WJJD	

City and	Call	Major	City and	Call	Major
State Dubuque, Ia	Letters KDTH	Network	State Greensboro, N. C		Network C
Duluth, Minn.	WKBB KDAL	NB C	Greensburg, Pa Greenville, Miss.	WIPR	
Durango, Colo	WEBC	NB-NR	Greenwood, Miss	WGRM	NB
Durham, N. C East Lansing, Mich		С	Greenville, S. C	WMRC	NR M
East St. Louis, Ill Easton, Pa	WTMV	M	Griffin, Ga	WSAJ	
Eau Claire, Wis. El Centro, Calif. El Dorado, Ark.	WEAU	NB-NR M	Gulfport, Miss	$\dots$ WJEJ	M
El Dorado, Ark Elizabeth City, N. C.	KELD . WCNC		Hammond, Ind	wjob	
Elk City, Okla Elkhart, Ind Elmira, N. Y	KASA WTRC		Harrisburg, Ill.	$\dots$ WEBQ	_
Elmira, N. Y	WENY	М С	Harrisburg, Pa	WKBO	C NR-NB-M
Emporia, Kans	KTSM KTSW	NB-NR M	Harrisonburg, Va Hartford, Conn	WDRC	C.
Enid, Okla Erie, Pa		M-NB		WTHT	M NR
Escanaba, Mich,	WLEU WDBC	NB	Hastings, Nebr	WFOR	NR
Eugene, Orc Eureka, Calif	KORE	M M	Hazleton, Pa	KPFA	M NB-NR
Evansville, Ind	WEOA WGBF	C NB-NR	Herrin, Ill.	$\dots$ WMFG	C_
Everett, Wash		M	Hickory, N. C High Point, N. C	$\dots$ WMFR	NB NB
Fairmont, W. Va Fall River, Mass	.WMMN	C M	Hilo, Hawaii	KWEW	С-М
Fargo, N. D	.WDAY	NB-NR	Holyoke, Mass Honolulu, Hawaii	KGMB KGU	C-M NB-NR
Fayetteville, N. C Fergus Falls, Minn	KGDE	NB	Hopkinsville, Ky	WHOP	NB
Flint, Mich		NR M	Houston, Texas	$\mathbf{KWFC}$	M NR
Fond du Lac, Wis Fort Dodge, Ia				KTRH KXYZ	C NB-M
Fort Lauderdale, Fla Fort Myers, Fla	WFTL		Huntington, W. Va Huntsville, Ala.	WSAZ	
Fort Smith, Ark	KFPW	WD WD	Huntsville, Tex Hutchinson, Kans	KSAM	
Fort Wayne, Ind	wowo	NB-NR NB	Hyannis, Mass Idaho Falls, Ida	WOCB	
Fort Worth, Tex	KFJZ KGKO	M NB	Indianapolis, Ind		С
Frederick, Md	WBAP	NR		WIRE	NR
Fredericksburg, Va.	WFVA		Iowa City, Iowa Ironwood, Mich	WSUI WJMS	
Freeport, N. Y	WGBB	_	Ironwood, Mich Ithaca, N. Y. Jackson, Mich	WIBW	C NB
Fresno, Calif	KARM KMJ	C NR	Jackson, Miss	WJDX WSLI	NR NB
Gadsden, Ala		M	Jackson, Tenn Jacksonville, Fla	<b>W</b> J A X	M NR
Gainesville, Ga	WGGA		Inmesterum N. V	WJHP WMBR	NB C NB
Gallup, N. M	.KAWM		Jamestown, N. Y Jamestown, N. D Janesville, Wisc. Jefferson City, Mo	KRMC	M
Garden City, Kans	KIUL	_	Jefferson City, Mo.	KWOS	M
Gary, Ind	.WGNC	C NB	Jerome, Ariz	WHOM	
Glendale, Calif	KIEV		Johnson City, Tenn Johnstown, Pa	WJHL	NB NR
Globe, Ariz	<b>KW</b> ]B		Joliet, Ill	WCLS	
Grand Forks, N. D Grand Island, Nebr	KFJM		Joplin, Mo Juneau. Alaska	KINY	
Grand Junction, Colo	KFXJ	M	Kalamazoo, Mich Kalispell, Mont	KGEZ	С
Grand Rapids, Mich	WGRB		Kansas City, Kans Kansas City, Mo	KCMO	
	WLAV	M NB-NR		KITE	M C NB
Grants Pass, Ore Great Bend, Kans	KVGB	M	Venenau Maha	WDAF WHB	NR M
Great Falls, Mont		C M	Kearney, Nebr Keene, N. H Keenhikan Alaska	WKNE	C M
Green Bay, Wisc Greenfield, Mass	WTAO	C <b>M</b>	Ketchikan, Alaska Kilgore, Texas Kingsport, Tenn	KOCA	NR
			Tarabara and an annual and an		

014	G-11		P	
City and State	Call Letters	Major Network	City and Cali State Letters	Major Network
Kingston, N. Y		HELMOLK	Medford, WiscWIGM	NECHOIR
Kinston, N. C			Memphis, Tenn WHBQ	
Klamath Falls, Orc	KFJI	M	WMC	NR
Knoxville, Tenn	WBIR	M	WMPS	NB-M
	WNOX WROL	C NB-NR	WREC Merced, CalifKYOS	C M
Kakoma, Ind		MD-MK	Meridian, Miss, WCOC	Ċ,
Laconia, N. H.,	WLNH	M	Miami, Fla	NR
LaCrosse, Wisc		С	WQAM	C
Lasayette, La La Grange, Ga	WLAG		Miami Beach, Fla WKAT Midland, Texas KRLII	NB
La Grande, Ore	KLBM		Miles City, Mont KRJF	
La lunta. Colo	KOKO		Milwaukee. Wisc	NB
Lake Charles, La	KPLC	NR	WISN WTMI	C
Lakeland, Fla Lamar, Colo		NK	Minneapolis, MinnWCCO	NR C
Lancaster, Pa	WGAL	NB-NR-M	WDGY	M
Lansing, Mich	WJIM	NB	WLB	
Lapeer, Mich	WMPC		WLOL WTCN	M NB
Las Vegas, Nev.	KENO		Minot, N. D KLPM	M
	KFUN		Missoula, MontKGVO	С
Laurel, Miss	WAML	NR	Mobile, AlaWALA	NB-NR
	WREN	NB	WMOB Modesto, CalifKTRB	М
Lawrence, Mass	WLAW	c	Monroe, LaKMLB	
Lawton, Okla			KNOE	
Lewiston, Ida Lewiston, Me	WCOU	M	Monterey, Calif	M C
Lexington, Ky	WLAP	M	WSFA	NR-NB
Lihue, Hawaii	KTOH	ND.	Moorhead, MinnKVOX	M
Lima, Ohio	WLOK	NR C	Morgantown, W. VaWAJR Moultrie, GaWMGA	
Zincom, recor, reserve	KFOR	M	Muncie, IndWLBC	
Little Rock, Ark		NR	Muscle Shoals City, AlaWMSD	
	KGHI KLRA	M C	Muskegon, MichWKBZ	14 N.D
Logan, Utah		·	Muskogee, Okla	M-NB
Logan, W. Va	WLOG		Nashville, Tenn WLAC	С
Long Beach, Calif	KFOX KGER		WSIX	M
Longview, Texas			Now Albany Led WCRC	NR-NB
Longview, Wash		M	New Albany, IndWGRC Newark, N. JWHBI	M
Los Angeles, Calif		NB	WOR	M
	KFAC KFI	NR	New Bedford, MassWNBII	M
	KFSG		New Britain, ConnWNBC Newburgh, N. YWGNY	NB
	KFVD KFWB		New Castle, PaWKST	
	KGFJ		New Haven, Conn WELI	M
	KHJ	M	New Kensington, PaWKPA New London, ConnWNLC	M
	KMPC KMTR	С	New Orleans, La	NВ
	KNX	С	WJBW	
	KRKD	***	WNOE	M
Louisville, Ky	WHAS	NR C	WSMB WWL	NR C
	WINN	NB	Newport News, Va WGH	м
Lowell, Ariz.	KSUN	.,	New YorkWABC	С
Lowell, Mass	KEVO	M M	WBNX	MD
Lufkin, Texas Lynchburg, Va.	KRBA		WEAF WEVD	NR
Lynchburg, Va	WLVA	M M	WHN	
	WMAZ	Č	WINS	
Madison, Wisc,		ND ND	WJZ	NB
Manchester, N. H	WIBA	NB-NR NB-NR-M	WLTH WMCA	
	WMUR		WNEW	
Mandan, N. D		M	WNYC	
Manhattan, Kans Manitowoc, Wisc	.WOMT		WOV	
Mankato, Minn	. KYSM	NR-NB	WQXR Niagara Falls, N. YWHLD	
Mansfield, Ohio			Norfolk, Nebr	
Margnette Mich	WDMI		Norfolk, VaWTAR	NR
Marrinette, Wisc	.WMAM		Norman, OklaWNAD	
Marshalltown, Ia	KFJB	**	Northfield, MinnWCAL	
Marshfield, Ore		М	North Platte, NebKGNF Oakland, CalifKLS	
Marysville, Calif	KMYC	M	KLX	
Mason City, Iowa	KGLO	c	KROW	
Mayaguez, P. R			Ocala, FlaWTMC	NB
McComb, Miss,		NB-NR	Ogden, Utah	NB-M
modera, Otto		.,	- Nonine - B. 11. 1 14 DED	

City and	Call	Major	City and	Call	Major
State Oklahoma City, Okla	Letters . KOCY	Network	State Rapid City, S. D	Letters KOBH	Network
	KOM A KTOK	C NB-M	Reading. Pa.	WCAT WEEU	NR
Okmulgee, Okla		NR	Red Bank, N. J	WRAW WBRB	NR
Olean, N. Y	KGY	NB M	Redding, Calif	KVCV KOH	M NB
Omaha, Nchr	KONB	C-M	Rice Lake, Wisc Richmond, Ind	WJMC	
	WOW	N B N R	Richmond, Va	WBBL WMBG	NR
Opelika, Ala	WDBO	C		WRNL WRVA	NB C-M
Ottumwa, Iowa	WLOF KBIZ	N B N B	Roanoke, Va	WSLŠ	C M
Owensboro, Ky	WPAD		Roanoke Rapids, N. C Rochester, Minn.	KROC	NB NB-NR
Palestine, Ťex. Pampa, Texas Panama City, Fla	KPDN		Rochester, N. Y	WHEC	N B C
Paris, Texas Parkersburg, W. Va	KPLT	С	Rockford, Ill		M M
Pasadena, Calif.	RDDC	C	Rock Island, Ill	<b>KV</b> RS	M
Pawtucket, R. I. Pecos, Texas	. WFCI		Rocky Mount, N. C Rome, Ga	WRGA	NB
Pensacola, Fla.	.WCOA	NB-NR C	Roseburg, Ore	KRNR KGFL	М
Petersburg, Va	.WPID	NR	Royal Oak, Mich Rutland, Vt.	WSYB	М
	WCAU WDAS	c .	Safford, Ariz	WQDM	NR-NB
	WFIL WHAT	NB-M	St. Augustine. Fla St. Cloud, Minn	KFAM	C NB-NR
	WIP	M	St. Joseph, Mo		C
Phoenix, Ariz	WTEL	С		KWK KXOK	NR M NB
	KPHO KTAR	NB-NR		WEW WIL	NB
Pierre, S. D	.KOTN	M	St. Paul, Minn	KSTP WMIN	NR
Pittsheld, Mass	KOAM	M NB·NR	St. Petersburg, Fla		ΝВ
Pittsburgh, Pa	KQV	NB	Sacramento, Calif		NB C
	WCAE WJAS	NR-M C	Safford, Ariz		NB-NR
Plattsburg, N. Y		M N B	Saleni, Mass	WSAM WESX	
Pocatello, Ida	.WBB2	NB-NR	Salem, Ore	KSAL	M M
Ponce, Puerto Rico	WPRP		Salina, N. Y. Salisbury, Md. Salisbury, N. C.	WAGE	м
Pontiac, Mich	KWOC	м	Salt Lake City, Utah	KDYL	NR C
Port Huron, Mich Portland, Me	WHLS	N R	San Angelo, Tex	KUTA	NB M
Portland, Ore	WGAN	C M	San Antonio, Tex.	KABC KMAC	M
	KBPS KEX	NB		KONO KTSA	С
	KGW KOIN	NR C	San Bernardino, Calif	WOAI KFXM	NR M
	KWJJ KXL		San Diego, Calif	KFSD	NB
Portsmouth, N. H Portsmouth, Ohio	. WPAY	M	San Francisco, Calif		M M
Poughkeepsie, N. Y Powell, Wyo	. KPOW	NB		KGO KJBS	NB
Prescott, Ariz.	.KYCA			KPO KSAN	N R
Price, Utah	WAGM .KEUB	M	San Java Calif	KSFO KYA	c M
Providence, R. I	WEAN WJAR WPRO	NB-M NR C	San Jose, Calif San Juan, P. R		C
Provo. Utah	KOVO	M NB	San Luis Obispo, Calif. Santa Ana, Calif	KVEC	M M
Pueblo, Colo. Pullman, Wash. Quincy, Ill.	KWSC	Ир	Santa Ana, Calif		M NB
Racine, Wisc	.WRJN	MD	Santa Fe, N. M	KVSF	C
Kaicign, N. C	WRAL	NR M	Santa Rosa, Calif Saranac Lake, N. Y		

City and	Call	Major	City and	Call	Major
Stale Sarasota, Fla	Letters	Nelwork	State Tucson, Ariz	Lellers	Nelwork C
Sault Ste. Marie. Savannah, Ga.	MichWSOO	NR	Tulsa, Okla	KVOA	NB-NR M-NB
Schenectady, N.	WTOC	C N R	<b>,</b>	KTUL KVOO	C NR
Scottsbluff, Nebr.	KGKY		Tuscaloosa, Ala	WJRD	NK
Scranton, Pa	WGBI	M C	Tuscola, Ill. Twin Falls, Ida.	KTFI	NB-NR
Seattle, Wash	WOAN KEVR	_	Tyler, Texas Uniontown, Pa		
	KIRO KJR	C NB	Urbana, Ill Utica, N. Y	WI <b>L</b> L	С
	KÖL KOMO	M NR	Valdosta, Ga Valley City, N. D	<b>w</b> Gov	•
	KRSC KTW		Vancouver, Wash. Vermilion. S. D	KVAN	
	KXA		Vernon, Texas	kvwc	
Sedalia, Mo	whbb	M	Vicksburg, Miss Victoria, Texas	WQBC	
Sharon, Pa Shawnee, Okla		M-NB	Vincennes Ind	WAOV	С
Sheboygan, Wisc. Shenandoah, Ia.	WHBL		Virginia, Minn Visalia, Calif. Waco, Texas Wallace, Ida. Walla Walla. Wash	KTKC	M M
Sheridan, Wyo	KMA	NB	Wallace, Ida.	KWAL	,**
Sherman, Texas	KRRV	M	Washington, D. C.	. WINX-MISV	C
Shreveport, La.	KTBS	NR		WMAL WOL	NB M
Siloam Springs, A	KWKH KKLKUOA	С		WRC WWDC	NR
Sioux City, Ia	KSCJ KTRI	NB	Waterbury, Conn		M C
Sioux Falls, S. D.		NR-NB	Waterbury, Vt	$\dots$ , $\mathbf{WDEV}$	·
South Bend, Ind.	WFAM	NB-NR	Watertown, N. Y	WWNY	
Spartanburg, S. C.	WSBT WORD	c c	Watertown, S. D Watsonville, Calif.	KHUB	
Spokane, Wash.		_	Wausau, Wisc		
	KFPY KGA	C NB	Welch, W. Va	<b>WB</b> RW	.,
Springfield, III.	KHQ WCBS	<b>N</b> R <b>N B</b>	Wenatchee, <b>Wa</b> sh. Weslaco, <b>Texas</b>		M NB-NR-M
	WTAX	NB	West Palm Beach, West Point, Ga		C M
Springfield, Mass.	WMAS	С	West Lafayette, Inc	IWBAA	242
Springfield, Mo.	WSPR KGBX	M NB-NR	Wheeling, W. Va	WWV A	С
Springfield, Oliio	KWTO WIZE	NR-NB	White Plains, N. ' Wichita, Kans		NB-NR
Sterling, Colo Steubenville, Ohio	KGEK	M		KFBI KFH	M
Stevens Pt., Wisc.	WLBL		Wichita Falls, Tex	KWFT	c c
Stockton, Calif	<b>KW</b> G	NB	Wilkes-Barre, Pa	WBAX WBRE	M NB-NR
Suffolk, Va Sumter, S. C	WFlG		Williamson, W. Va.	WBTH	
Sunbury, Pa Superior, Wisc	wkok	M	Williamsport, Pa Willmar, Minn		
Sweetwater, Tex	кхох		Wilmington, Del	WDEL WILM	NR
Sутасиве, N. Y.	WOLF	C	Wilmington, N. C.	WMFD	M NB
Tacoma, Wash	WSYR	NB M	Wilson, N. C Winona, Minn		M
	KVI	Ċ	Winston Salem, N.	CWAIR	M
Tallahassee, Fla. Tallmadge, Ohio	(Akron)WADC	c	Wisconsin Rapids, W	WSJS iscWFHR	NR
Tampa, Fla	WFLA	C NR	Wolf Point, Mont Woodside, N. Y	KGCX	
Temple, Texas	WKGA		Worcester, Mass	$\dots$	
Terre Haute, Ind.	wBow	M NB-NR		WORC WTAG	C NR
Texarkana, Tex Thomasville, Ga	WPAX	M	Yakima, Wash	<b>KIT</b>	M
Toccoa, Ga Toledo, Ohio	wRLC	NR	Yankton, S. Dak York, Pa		C NB-NR-M
	WTOL	NB	Youngstown, Ohio .		NB C
Topeka, Kans Traverse City, Mic	hWIBW	С	Yuma, Arizona		NR-NB
Trenton, N. J	WTNJ		Yuma, Arizona Zanesville, Ohio		NB-NR
Troy, N. Y	WTRY		Zarephath, N. J		112-111

## IMPORTANT NOTICE

# REGARDING THE LISTING OF THE 882 STATIONS THAT FOLLOW

#### Compilation -

In presenting the following list of stations, exacting effort has been made, to produce a compilation which would intelligently reflect the transition after frequency and power revisions went into effect as per North American Regional Broadcast Agreement, March 29, 1941. The listing of power, particularly, presented a problem, and it was only after a consensus of opinion from time buyers, station representatives and broadcasters, that the use of the new frequency and power figures was decided upon.

#### **Power-Frequencies**

While it is mandatory that all stations coming within the realm of the Havana Treaty agreement switch to the newly assigned frequency as of March 29, 1941, new power grants are less stringent in rule as to when they shall be carried out. Inability to obtain suitable equipment, in many cases due to priority national defense orders, means that broadcasters will have to stagger their dates throughout the year. In every case however new frequencies, and power to which the station is entitled, is listed.

#### Coverage =

Coverage data for respective stations has been supplied by the outlets to the extent of approximately 95 per cent of the total. The remaining five per cent has been compiled from the most authoritative sources available. Radio Annual, however, does not assume responsibility for market data supplied by stations or compiled from other sources. All coverage data listed in connection with outlets whose power is subject to change, is based on the lower wattage and not on the future increase.

#### - **U. S. C**ensus -

As an additional service to both time-buyer and broadcaster, U. S. Census for 1940 for all states and counties, also the District of Columbia, is available in this edition of Radio Annual. For all practical purposes and intents these figures may be considered final since any further changes contemplated by the Census Bureau cannot exceed one per cent. To further enhance the value of the Census to the industry, a cross index has been devised. This will be found at the head of each page listing stations by states.

# KGBX

SPRINGFIELD, MO.

# Now 5000 Watts FULL TIME

Now a basic supplementary of both networks of

RED NBC BLUE

RALPH FOSTER, General Manager
National Representative, John E. Pearson, 360 N. Michigan, Chicago

## -ALABAMA

Population 2,832,961

Number of Radio Homes 376,330

Number of Families 670,111

Auto Registrations 331,860

For 1940 Census data, please turn to page 242

## WHMA

ANNISTON—EST. 1938

FREQUENCY: 1450 Kc. POWER: 250 Watts, OWNED BY: Harry M. Ayers, OPERATED BY: J. Allen Brown, BUSINESS ADDRESS: WHMA Bldg., 14th & Noble Sts. PHONE: 2380-2381. STUDIO ADDRESS: Same, TRANSMITTER LOCATION: Same, TIME ON THE AIR: Unlimited, 6 a.m. to 10:15 p.m. (114 hours weekly). NEWSPAPER AFFILIATION: Anniston Star. NEWS SERVICE: United Press, TRANSCRIPTION SERVICE: World Broadcasting System, NBC Thesaurus. MAINTAINS ARTISTS' BUREAU.

#### Personnel

Owner	. Harry M. Ayers
General Manager	. J. Allen Brown
Commercial ManagerA	. Lynne Brannen
Program Director	.Edwin Mullinax
Artists' Bureau Head	John Cram
Chief Engineer	Vernon Story

#### Coverage

	Daytime	Evening
Population—Primary	96.000	45,000
Radio Homes— "	19,300	10,500
Population—Secondary	33,000	12,000
Radio Homes "	6,800	3,500
Source: 1940 U.S. Censu	s: station	survey.

## WAPI

## BIRMINGHAM—EST. 1922 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1070 Kc. (1170 Kc. Temporarily) POWER: 50,000 Watts. OWNED BY: Alabama Polytechnic Institute, University of Alabama and Alabama College. OPERATED BY: Voice of Alabama, Inc. BUSINESS ADDRESS: Protective Life Bldg. PHONE: 3-8116, STUDIO ADDRESS: 14th floor, same building. TRANSMITTER LOCATION: Sandusky. TIME ON AIR: 5:30 a.m. to 11:30 p.m.; Sundays, 8:00 a.m. to 11:30 p.m. (12312 hours weekly). NEWS SERVICE: United Press.

#### Personnel

Owners' Representative	P. O. Davis
General Manager	Thad Holt
National Sales & Promotion	
Manager	. H. Holthouser
Program Director-Chief	
Announcer	Lionel Baxter

Production Manager	Stuart Mims
Publicity Director	Mary Bennett
Musical Director	Clo McAlpin
Chief Engineer	N. S. Hurley

#### Coverage

Population—Primary	1,141,968
Radio Homes "	155,620
Population—Secondary	901,391
Radio Homes "	100,770

Source: Hooper-Holmes Field Survey.

#### Representative

Radio Sales

## WBRC

#### BIRMINGHAM—EST, 1925

NBC-(RED)

FREQUENCY: 960 Kc. POWER: 5000 Watts. OWNED BY: Birmingham Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Bankhead Hotel. PHONE: 3-9293. STUDIO ADDRESS: Bankhead Hotel. TRANSMITTER LOCATION: 2400 Arkadelphia Road, Birmingham. TIME ON THE AIR: 6:00 A.M. to 11:30 P.M. NEWSPAPER AFFILIATION: Birmingham Post. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio, Davis & Schwegler.

#### Personnel

President	K. G. Marshall
Vice President and Genera	l Manager. J. C. Bell
Secretary-Treasurer	Eloise Hanna
Ass't Manager	John M. Connolly
Musical Director	Herbert C. Grieb
Chief Engineer	J. C. Bell

#### Coverage

	Daytime	Evening
Population—Primary	574,829	453.295
Radio Homes— "	103,300	88,467
Population—Secondary	1.190,285	571,566
Radio Homes— "	183,066	103,545

Source: Field intensity survey.

Representative

## Paul H. Raymer Co.

BIRMINGHAM-EST. 1926

NBC (BLUE)

ALABAMA NETWORK

FREQUENCY: 1340 Kc. POWER: 1000 watts. OWNED BY: R. B. Broyles Co. OPERATED BY: The Birmingham News Co. BUSINESS ADDRESS: Tutwiler Hotel. PHONE: 4-3434. STUDIO ADDRESS: Tutwiler Hotel: Dixie Carleton Hotel. PHONE: 3-1121. TRANSMITTER LOCATION: Druid Hills. TIME ON THE AIR: 6:00 A.M. to 11:00 P. M., daily: 7:00 A.M. to 11:00 P.M., Sundays. CST. NEWSPAPER AFFILIATIONS: The Birmingham News, The Birmingham Age Herald. NEWS SERVICE: Associated Press, TRANSCRIPTION SERVICE: NBC Thesaurus, Lang-Worth, Davis & Schweglet.

#### Personnel

V-P. and Gen. Mgr. Henry P. Chief Engineer P. Production Manager Eromotion Manager Cart	B. Cram
Coverage	
Population—Primary	431,493
Radio Homes "	85,710
Population—Secondary	782,267
Radio Homes— "	124,800

Representative
Headley-Reed Company

Source: U. S. Census 1930.

## WMSL

DECATUR—EST. 1935
MUTUAL BROADCASTING SYSTEM
ALABAMA NETWORK

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: The Tennessee Valley Broadcasting Co. OPERATED BY: The Tennessee Valley Broadcasting Co. BUSINESS ADDRESS: Mutual Savings Life Bldg. PHONE: 802-3-4. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 12:00 midnight; Sundays, 7:45 A.M. to I2:00 midnight (126 hours weekly). NEWS SERVICE: United Press.

#### Personnel

President-General ManagerM. K. Vickrey
Vice-PresidentClarence Calhoun, Jr.
Secretary-TreasurerBryan McAfee
Sales & Promotion ManagerD. L. Sims
Commercial ManagerKyle Frazier
Program-Production DirectorJohn Boggess
Chief AnnouncerJoe Gannor
Musical DirectorJohn Boggess
Chief Engineer

Coverage

•	Daytime	Evening
Population—Primary	175,370	75,000
Radio Homes— "	24,000	16,000
Population—Secondary .	487,961	
Radio Homes " .	92,220	
Mail survey (station): U.	S. Census	K.

Representative Headley-Reed Company

## WAGF

#### DOTHAN-EST. 1932

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Dothan Broadcasting Co. OPERATED BY: Dothan Broadcasting Co. BUSINESS ADDRESS: 204½ E. Main St. PHONE: 1430. STUDIO ADDRESS: 204½ E. Main St. TRANSMITTER LOCATION: Headland-Alabama Highway. TIME ON THE AIR: 7:00 A.M. to local sunset. NEWS SERVICE: Transradio press. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

Station ManagerJulian C. Smith Commercial ManagerFred Moseley				
Program Director-Chief Announcer				
Publicity Director Carl Shellgrove				
Chief EngineerJohn T. Hubbard				
Coverage				
Population—Primary 380,000				
Radio Homes— " 45,000				
Source: Station estimate.				

#### Representative

Burn-Smith Co.

## WJBY

GADSDEN-EST, 1928

MUTUAL BROADCASTING SYSTEM
ALABAMA NETWORK

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Gadsden Broadcasting Co., Inc. OPERATED BY: Gadsden Broadcasting Co., Inc. BUSINESS ADDRESS: 108 Broad St. PHONE: 88. STUDIO ADDRESS: 108 Broad St. TIME ON THE LOCATION: 108 Broad St. TIME ON THE AIR: 7:00 A.M. to 9:30 P.M.; Sundays, 9:00 A.M. to 9:00 P.M. NEWS SERVICE: Transradio Press.

#### Personnel

President	. B.	H.	Hopson
Station Manager	. <b>J</b> .	W.	Buttram
Chief Engineer	1	Villi	am Piaa

#### Representative

Sears & Ayer.

## **WBHP**

HUNTSVILLE—EST, 1937

FREQUENCY: 1230 Kc. POWER: 250 watts.
OWNED BY: W. H. Pollard. OPERATED BY:
W. H. Pollard. BUSINESS ADDRESS: Time's

Bldg. PHONE: 313. STUDIO ADDRESS: Time's Bldg. TRANSMITTER LOCATION: 1½ miles west of Huntsville. TIME ON THE AIR: Unlimited license. TRANSCRIPTION SERVICE: NBC Thescurus.

#### Personnel

## WALA

MOBILE—EST. 1930

NATIONAL BROADCASTING CO.

FREQUENCY: 1410 Kc. POWER: 1000 watts, d.: 500 watts, n. (C. P. 5000 watts, unlimited license). OWNED BY: W. O. Pape. OPERATED BY: Pape Broadcasting Company. BUSINESS ADDRESS: 106 St. Joseph St. PHONE: Dexter 5893-4. STUDIO ADDRESS: 106 St. Joseph St. TRANSMITTER LOCATION: Near Mobile. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M. MAINTAINS ARTISTS' BUREAU. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

2013011101			
General Manager	O. Pape		
Assistant Manager	H. Hunt		
Sales Manager	. Martin		
Chief Announcer-Artists' Bureau			
Head-Musical Director	k Lewis		
Chief EngineerR.	M. Cole		
Coverage			
Population—Primary	215,000		
Radio Homes— "	31,800		
Population—Secondary	390,000		
Radio Homes— "	48,500		
Source: Station estimate.			

#### Representative

John H. Perry Associates

## W M O B

MOBILE—EST. 1939 ALABAMA NETWORK

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: S. B. Quigley. OPERATED BY: S. B. Quigley. OPERATED BY: S. B. Quigley. BUSINESS ADDRESS: 600 St. Louis St. Belmont 2581. STUDIO ADDRESS: 600 St. Louis St. TRANSMITTER LOCATION: 600 St. Louis St. TIME ON THE AIR: 7:00 A. M. to 10:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

Owner-ManagerS. B. Quigley
Commercial Manager F. E. Busby
Program DirectorByron Jenkins
Coverage*

 Population—Primary
 300,000

 Radio Homes—"
 60,000

\* Primary area covers a 40-mile radius; secondary area covers a 75-mile radius.

Source: Station estimate.

### WCOV

MONTGOMERY—EST. 1939 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1240 Kc. POWER: 250 waits.
OWNED BY: Capital Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 2
Montgomery St. PHONE: Cedar 3301-2, STUDIO ADDRESS: Exchange Hotel. PHONE:
Cedar 1126. TRANSMITTER LOCATION: Narrow Lane Road. TIME ON THE AIR: 6:00
A.M. to 12:00 midnight; Sundays. 6:30 A.M.
to 12:00 midnight (12512 hours weekly). NEWS
SERVICE: Transradio Press. TRANSCRIPTION
SERVICE: Standard Radio.

#### Personnel

ManagerG. W. Covington, Jr.
Executive Secretary Evelyn B. Robinson
Sales ManagerR. B. Raney
Program-Musical DirectorWeston Britt
Publicity DirectorJohn C. Hughes
Chief Announcer Wallace Beecham
Chief EngineerJames Brewer

#### Coverage

<del> </del>	
Population—Primary	104,310
Radio Homes— "	23,180
Population—Secondary	191,565
Radio Homes—"	42,570
Source: Station estimate.	

Representative

## WSFA

MONTGOMERY—EST. 1930 NATIONAL BROADCASTING CO.

(Red & Blue)

FREQUENCY: 1440 Kc. POWER: 1000 watts.
d.; 500 watts, n. OWNED BY: Montgomery
Broadcasting Co., Inc. OPERATED BY: Montgomery Broadcasting Co., Inc. BUSINESS
ADDRESS: Jefferson Davis Hotel. PHONE:
Cedar 5880. STUDIO ADDRESS: Jefferson
Davis Hotel. TRANSMITTER LOCATION:
Narrow Lane Road. TIME ON THE AIR:
6:00 A.M. to 12:00 midnight. NEWSPAPER
AFFILIATION: Montgomery Advertiser. NEWS
SERVICE: International News Service. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

President	Hov	varo	i E.	Pill
Local Sales Manager	. John	B.	DeM	otte
Publicity Director		M.	E. P	rice
Musical DirectorE.	Caldw	rell	Stew	ıαrl
Chief Engineer	. Pau	B.	Dun	can

#### Coverage

Population—Primary	 340,000
Radio Homes "	 76,000

Source: Station estimate.

## Representative Headley-Reed Co.

## WMSD

#### MUSCLE SHOALS CITY—EST. 1933

#### ALABAMA NETWORK

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Muscle Shoals Broadcasting Corp. OPERATED BY: Muscle Shoals Broadcasting Corp. BUSINESS ADDRESS: 620 East Second St. PHONE: 181. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 10:15 P.M. NEWS SERVICE: United Press.

#### Personnel

General Manager	.Joe Van Sandt
Program-Musical Director	James Connolly
Chief Announcer	.George Martin
Chief Engineer	urice McKinney

#### Coverage

	Daytime	Evening
Population—Primary	134,561	75,000
Radio Homes— "	13,500	8,500
Population—Secondary	222,000	102,000
Radio Homes— "	21,600	10,200
Source: Station estimate.		

#### Representative

Sears & Ayer

## MIHO

OPELIKA—EST. 1940

FREQUENCY: 1400 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: Yelta G. Sanford, C. S. Shealy, Thomas D. Sanford, Jr. and I. H. Ord d/b as Opelika-Auburn Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 1400 Auburn Road, PHONE: 750-1. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited license (107 hours weekly). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

General Manager	J. H. Orr	
Program Director	Hugh Webb	
Production Manager	Kenneth Vance	
Chief Announcer	Mal Richards	
Chief Engineer	R. B. Wilds	
Coverage		

 Radio Homes—"
 97,876

 Population—Secondary
 500,000

 Radio Homes—"
 ...

Population—Primary .....

Source: Station estimate.

#### Representative

Associated Radio Sales

#### W H B B

SELMA—EST. 1935

FREQUENCY: 1490 Kc. POWER: 250 watts.

OWNED BY: Selma Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS:
Box 26. PHONE: 1233, STUDIO ADDRESS:
209 Washington St. TRANSMITTER LOCATION:
Highway 80 (2 miles from town). TIME ON
THE AIR: 7:00 A.M. to 10:00 P.M. (unlimited),
NEWS SERVICE: Transradio Press.

#### Personnel

PresidentB. H. Hopson
Vice-President-Station Mgr Julien Smith, Jr
Chief EngineerSidney Spence

#### Coverage

Population-Primary	174,000
Radio Homes— "	25,600
Source: Station estimate.	

## WJRD

## TUSCALOOSA—EST. 1936

ALABAMA NETWORK

FREQUENCY: 1230 Kc. POWER: 250 waits. OWNED BY: James R. Doss, Jr. OPERATED BY: James R. Doss, Jr. OPERATED BY: James R. Doss, Jr. BUSINESS ADDRESS: First National Bank Bldg. PHONE: 4464-3600. STUDIO ADDRESS: First National Bank Bldg. TRANSMITTER LOCATION: Greensboro Road apposite Jug Factory Rd. TIME ON THE AIR: 6:00 A.M. to 10:00 P.M. NEWS SERVICE: International News Service. MAINTAINS ARTIST BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

Manager	.,J, L. Doss
Commercial Mana	rgerJ. Ed Reynolds
Program-Musical	Director Wilhelmina Quarles
Production Manag	ger-Chief
<b>7</b>	714-x 1 A

Announcer ...... Alfred Owens Chief Engineer ...... Fred James

#### Coverage

	Daytime	Evening
Population—Primary	365,000	190,000
Radio Homes— "	78,000	38,000
Population—Secondary	525,000	210,000
Radio Homes-	92,000	54,000

Source: Station estimate.

#### Representative

Headley-Reed Company (for Alabama Network)

186.000

## -ARIZONA

Population 499,261

Number of Radio Homes 99,420

Number of Families 130.020

Auto Registrations 135,000

For 1940 Census data, flease turn to page 243

## **KWJB**

#### GLOBE-EST. 1938

ARIZONA BROADCASTING CO.

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Sims Broadcasting Co. OPERATED BY: Same. BUSINESS OFFICE: Globe. PHONE: 41. STUDIO ADDRESS: Hotel Globe. TRANSMITTER LOCATION: 1 mile south of Globe. TIME ON THE AIR: 8:00 A.M. to 10:00 P.M. (14 hours daily). NEWS SERVICE: United Press.

#### Personnel

Owner-ManagerBartle	y T. Sims
Sales ManagerGord	on Dennis
Program Director-Chief	
Announcer	ester Doll
Publicity DirectorEmma	Henderson
Musical Director	n McCarty
Chief EngineerArthur	Turnrose
Coverage	
Danceletian Drimens	EE 000

## Population—Primary 55,000 Radio Homes— 13,745

## KCRJ

#### JEROME-EST. 1930

ARIZONA BROADCASTING CO. FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: Central Arizona Broadcasting Co. OPERATED BY: Central Arizona Broadcasting Co. BUSINESS ADDRESS: 811 Main St. PHONE: 88. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 9:00 P.M. (92 hours weekly). NEWS SERVICE: Transradio Press TRANSCRIPTION SERVICE: C. P. MacGregor.

#### Personnel

President	Della Tovrea Stuart
Manager	Howard Kuhn
Program Director	Marian Kuhn
Chief Announcer	Charles Bennett
Chief Engineer	D. E. Towne

#### Coverage

	Daytime	Evening
Population—Primary	102,200	50,020
Radio Homes— "	16,160	12,500
Population—Secondary .	103 <b>,700</b>	2,000
Radio Homes "	25,340	500
Source: Station Survey.		

Representative Paul H. Raymer Co.

## KSUN

BISBEE-DOUGLAS—EST. 1933 ARIZONA NETWORK

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Copper Elec. Co., Inc. OPERATED BY: Same. BUSINESS ADDRESS: Lowell Station, Bisbee. PHONE: Bisbee 9. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: between Bisbee and Douglas. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWS SERVICE: Transradio Press.

#### Personnel

President	.James S. Maiieo
Station & Commercial Mgr	Carleton W. Morris
Sales Manager	Gerald O'Brien
Program Director	Esther Morris
Production Manager	Melvin Cody
Publicity Director	William Cody
Chief Engineer	John G. Gould

#### Coverage

Daytime	Evening
40,000	24,000
9,000	6,000
80,000	30,000
18.000	8,000
	40,000 9,000 80,000

Source: Station survey; U.S. Census.

## Representative John Blair & Company

## K O Y

PHOENIX—EST. 1921 (αs KFCB)
1929 (αs KOY)

## COLUMBIA BROADCASTING SYSTEM THE ARIZONA NETWORK

FREQUENCY: 550 Kc. POWER: 1000 waits. OWNED BY: Salt River Valley Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 838 N. Central. PHONE: 4-4144. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Camelback Road & 12th St. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: World Transcription Service.

#### Personnel

President		William	A.	Baldwin
Business Man	gger	Albert	D.	Iohnson

Station Manager	Fred A. Palmer
Chief Announcer	Joe Dana
Program Director	Jack Williams
Publicity Director	Les Mawhinney
Musical Director	Alfred Becker
Chief Engineer	

Coverage

Population—Primary	190,200
Radio Homes— "	32,770
Population—Secondary	250,500
Radio Homes—"	33,000
Source: CBS Listener and Dealer Stu	ıd <del>v</del> .

## Representative John Blair & Company

## **KPHO**

#### PHOENIX-EST. 1940

FREQUENCY: 1230 Kc. POWER: 250 watts, d.: 100 watts, n. OWNED BY: M. C. Reese. OPERATED BY: M. C. Reese. BUSINESS ADDRESS: First National Bank Bldg. PHONE: 3-3197. STUDIO ADDRESS: 2223 Buckeye Rd. TRANSMITTER LOCATION: 2323 Buckeye Rd. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight (126 hours weekly). NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated Music Publishers.

#### Personnel

Executive Manager
Station Manager
Sales ManagerF. M. Markley
Commercial ManagerSheron Stanford
Program Director
Chief Engineer

#### Coverage

			•				
Population—Primary					 		120,000
Population—Secondar	Y				 ,		192,000

## KTAR

#### PHOENIX-EST. 1922

NBC (Red and Blue)
ARIZONA BROADCASTING CO.

FREQUENCY: 620 Kc. POWER: 5000 watts. OWNED BY: KTAR Broadcasting Co. OPERATED BY: KTAR Broadcasting Co. BUSINESS ADDRESS: "Atop the Heard Bldg." PHONE: 4-4161. STUDIO ADDRESS: "Atop the Heard Bldg." TRANSMITTER LOCATION: 36th St. & Thomas Rd. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight NEWSPAPER AFFILIATIONS: The Arizona Republic (morning), Phoenix Gazette (evening), The Arizona Weekly Gazette. NEWS SERVICE: United Press, International News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICES: NBC Thesaurus, Standard Radio Library and C. P. MacGregor.

#### Personnel

President	
Commercial Manager	J. R. Heath
Assistant Commercial Mana	gerJ. E. Miller
Program Director	J. Howard Pyle
Production Manager	James Creasman
Sales Promotion Manager	.K. M. Pennington
Artists' Bureau Head	Faye Meyerson
Publicity Director	Francis Connolly
Chief Announcer	
Musical Director	Paul Giroux
Sports Editor	Myron Drake
Traffic Manager,	Harper Miller
Drama Director	
Chief Engineer	

#### Coverage

Population—Primary	400,000
Radio Homes— "	60,000
Population—Secondary	95,000
Radio Homes—"	19,000
Source: U. S. Census	1930; Joint Committee;
1940 Census Estimate.	

#### Representative

Paul H. Raymer Company

## KYCA

#### PRESCOTT—EST. 1939

ARIZONA BROADCASTING CO.

FREQUENCY: 1490 Kc. POWER: 250 watts.
d.: 100 watts. n. OWNED BY: Southwest
Broadcasting Co. OPERATED BY: Southwest
Broadcasting. BUSINESS ADDRESS: East Gurley St. PHONE: 244. STUDIO ADDRESS:
Same. TRANSMITTER LOCATION: Same.
TIME ON THE AIR: 103 hours weekly. NEWSPAPER AFFILIATION: Arizona Republic &
Gazette. NEWS SERVICE: International News
Service. TRANSCRIPTION SERVICE: NBC
Thesaurus.

#### Personnel

President-Station ManagerAlbert Stetson
Program DirectorMucio Delgado
Production ManagerRex Bowan
Publicity DirectorLaura Marston
Chief AnnouncerFred Blackburn
Musica DirectorArt Willcox
Chief EngineerNorman H. Dewes

#### Coverage

Population—Primary	26,000
Radio Homes— "	3,500
Radio Homes—Secondary	2,200
Source: Station estimate.	

#### Representative

Paul H. Raymer Co.

## KGLU

SAFFORD-EST, 1938

NATIONAL BROADCASTING CO. ARIZONA BROADCASTING CO.

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Gila Broadcasting Co. OPERATED BY: Same. BUSINESS AND STUDIO ADDRESS: Sixth Ave. and Relation St. PHONE: Safford 15. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. (111 hours weekly) NEWS SERVICE: United Press. NEWSPAPER AFFILIATION: Safford Daily News. TRANSCRIPTION SERVICES: Standard Radio.

#### Personnel

PresidentLouis F	. Long
General ManagerPaul	Merrill
Program DirectorNorman Harr	
Chief AnnouncerLester M	
Musical DirectorAlberto	a Hunt
Chief EngineerAugust I	Brieske

#### Coverage

Population—Primary	25,000
Radio Homes— "	5,000
Population—Secondary	45,000
Radio Homes—"	10,000

#### Representative Paul H. Raymer Co.

## KTUC

TUCSON-EST. 1929

COLUMBIA BROADCASTING SYSTEM ARIZONA NETWORK

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Tucson Broadcasting Co. OPERATED BY: Tucson Broadcasting Co. BUSINESS ADDRESS: Box 390. STUDIO ADDRESS: 142 S. 6th Ave. PHONE: 5800. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M. to 11:15 P.M. (17 hours daily) NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

President	.Ralph W. Bilby
Station Manager	. John C. Merino
Sales Manager	
Program Director	
Chief Announcer	
Musical Director	
Chief Engineer	lifford Livingston

#### Coverage

	Daytime	Evening
Population—Primary	75.000	55,000
Radio Homes— "	9,700	8,500
Population—Secondary .	60,000	45,000
Radio Homes— "	8,300	7.800
Source: Joint Committee.		

## KVOA

TUCSON—EST, 1929

NATIONAL BROADCASTING COMPANY

FREQUENCY: 1290 Kc. POWER: 1000 watts. OWNED BY: Arizona Broadcasting Co. OPERATED BY: Arizona Broadcasting Co. BUSI. STATED BY: Arizona Broadcasting Co. BUSI. PHONE: 3703. STUDIO ADDRESS: 48 East Broadway. TRANSMITTER LOCATION: 10th and Lee. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M., daily; 7:00 A.M. to 11:00 P.M. Sundays; NEWS SERVICES: United Press, International News Service TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

General Manager	R. B. Williams
Sales Director	S. H. Schaeffer
Program Director	Andrew White
Technical Director	.Leonard L. Nalley

#### Representative

Paul H. Raymer Co.

## KYUM

YUMA-EST, 1940

NATIONAL BROADCASTING CO. ARIZONA BROADCASTING CO.

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Yuma Broadcasting Co. OPERATED BY: Yuma Broadcasting Co. BUSINESS ADDRESS: 19th Avenue & First St. PHONE: 88. STUDIO ADDRESS: Same, TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWS SERVICES: United Press, International News Service. TRANSCRIPTION SERVICES: Standard Radio, NBC Thesaurus

#### Personnel

PresidentJohn H. Huber
Station Manager
Commercial ManagerGeorge D. Smirl
Program Director-Chief
Announcer
Publicity DirectorCrystal Thomas
Musical DirectorIrene Belzer
Chief EngineerL. B. Shaw

#### Coverage

	Daytime	Evening
Population—Primary	75,000	25,000
Population—Secondary . Source: Station survey.	50,000	

#### Representative

Paul H. Raymer Company

## -ARKANSAS

Population 1,949,387

Number of Radio Homes 252,760

Number of Families 494,716

Auto Registrations 252,744

For 1940 Census data, please turn to page 243

## KLCN

#### BLYTHEVILLE—EST. 1923

FREQUENCY: 1320 Kc. POWER: 100 watts. OWNED BY: Fred O. Grimwood. OPERATED BY: Same. BUSINESS ADDRESS: Railroad & Walnut Sts. STUDIO ADDRESS: Same. TRANS-MITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to local sunsel. NEWS SERVICE: Transradio Press.

#### Personnel

PresidentFred O. Grimwood
Station Manager
Sales Manager
Chief AnnouncerMelvin Unger

#### Coverage

Donalstina Drimana	190,700
Population—Primary	190,700
Radio Homes— "	32.000
Population—Secondary	256,000
Radio Homes— "	60,000

Source: Engineering survey: Joint Committee.

## KELD

#### EL DORADO—EST. 1935 ARKANSAS NETWORK

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Radio Enterprises, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 212 Exchange Bldg. PHONE: 1313-4. STUDIO ADDRESS: Country Club Colony. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

President
Vice-President
Station ManagerF. E. Bolls
Assistant Manager Ewing Canaday
Chief Engineer John Riley

## Representative Joseph Hershey McGlllvra.

## KFPW

#### FORT SMITH—EST. 1930 ARKANSAS NETWORK

FREQUENCY: 1400 Kc. POWER: 250 watts.

OWNED BY: Southwestern Hotel Co. OPERATED BY: Same. BUSINESS ADDRESS:
Goldman Hotel, PHONE: 4106-7-7069. STU-

DIO ADDRESS: Same. TRANSMITTER LOCATION: Albert Pike & Kelly Highway, TIME ON THE AIR: 6:30 A.M. to 10:00 P.M. (104 hours weekly). NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: NBC Thesaurus & Standard Radio. MAINTAINS ARTISTS' BUREAU.

#### Personnel

PresidentJohn A. England
Station ManagerDorothy A. Gibson
Commercial ManagerJimmie Barry
Chief Announcer
Musical Director
Chief Engineer

## KWFC

#### HOT SPRINGS—EST. 1940

FREQUENCY: 1340 Kc. POWER: 250 waits. OWNED BY: Clyde E. Wilson and Howard A. Shuman d'b as Hot Springs Broadcasting Co. BUSINESS ADDRESS: 819½ Central Ave. PHONE: 413, 412. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight. NEWS SERVICE: United Press TRANSCRIPTION SERVICE: NBC Thesaurus

#### Personnel

Station Manager Howard A Shuman
Commercial Manager Frank Rough
Program Director-Chief
AnnouncerJack J Wolever
Production ManagerWard Halcher
Musical Director
Chief Engineer

## KTHS

#### HOT SPRINGS-EST, 1924

NBC (RED and BLUE)

FREQUENCY: 1090 Kc. POWER: 50,000 watts. OWNED BY: H. S. Chamber of Commerce. OPERATED BY: Chamber of Commerce. BUSINESS ADDRESS: 135 Benton St., PHONE: 1160. STUDIO ADDRESS: 135 Benton St. PHONE: 887. TRANSMITTER LOCATION: Malvern Highway. TIME ON THE AIR: 6:00 A.M. to Local Sunset, 8:00 P.M. to Midnight daily. NEWS SERVICE: Associated Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Davis & Schwegler.

#### Personuel

#### ARKANSAS

Program Director	Ewald	Kockritz
Director of Women's		
ProgramH	azel Jacob	s Konig
Chief Engineer	.J. Clinton	Norman
Coverage		
	Daytime	Evening
Population—Primary	147,600	248,489
Radio Homes— "	20.740	33,140
Population—Secondary .	989,245	1,078,256
Radio Homes— "	118,400	152,100
Source: Field intensity	survey a	nd mail
analysis.	-	

#### Representative John Blair & Co.

IONESBORO—EST. 1930 ARKANSAS NETWORK

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Jay P. Beard. OPERATED BY: Regional Broadcasting Co. BUSINESS AD-DRESS: 10412 W. Washington. PHONE: 589. STUDIO ADDRESS: Same. PHONE: 866. TRANSMITTER LOCATION: State College Airport. TIME ON THE AIR: 6:00 A.M. to 10:00 P.M. (112 hours weekly). NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

President-General Manager	J. P. Beard
Program DirectorMartha	Jean Booker
Production Manager	. Veda Beard
Chief Announcer Fran	nklin Metzner
Chief Engineer	J. C. Warren

#### Coverage

	Daytime	Evening
Population—Primary	150,117	100,078
Radio Homes "	34,911	23,274
Population—Secondary .	334,506	223,004
Radio Homes— "	77,792	51,862
Source: Mail response	survey: ]	oint Com-
mittee.		

## KARK

LITTLE ROCK—EST, 1931

NBC (Southwest Red) ARKANSAS NETWORK

SOUTHCENTRAL QUALITY GROUP

FREQUENCY: 920 Kc. POWER: 5000 watts. OWNED BY: Ark. Radio & Equipment Co. OPERATED BY: Ark. Radio & Equipment Co. BUSINESS ADDRESS: 11th Floor, Union Life Bldg. PHONE: 2-1841: LD-224. STUDIO AD-

## \* ARKANSAS MARKET!

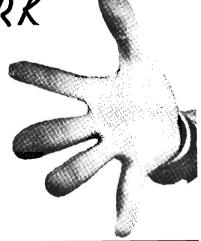
# through KARK ROCK, ARKANSAS LITTLE \* REACH 1

With 5,000 watts day and night from RCA DeLuxe Transmitter-KARK is the NBC Red outlet for Arkansas, and the only NBC fulltime station in the state. 890 Kc., in the center of the dial where it counts. (920 Kc. after reallocation). In the Arkansas market, KARK has the listeners!

Member of South Central Quality Network: KARK, WMC, KWKH, KTBS, WSMB, WJDX

#### LITTLE ROCK ARKANSAS

Arkansas Radio and Engineent Co. Ed Zimmerman, Vice-President and General Manager



NATIONAL REPRESENTATIVES: EDWARD PETRY & CO. NEW YORK CHICAGO DETROIT LOS ANGELES ST. LOUIS SAN FRANCISCO

DRESS: Same. TRANSMITTER LOCATION: North Little Rock. TIME ON THE AIR: 6:00 A.M. to Midnight. NEWS SERVICE: International News Service. TRANSCRIPTION SER-VICE: World Broadcasting System.

#### Personnel

V.P. and Gen. Mgr	. E. Zimmerman
Commercial Manager	C. K. Beaver
Program-Musical Director	Paul Godt
Publicity Director	Gene Weil
News Editor	Henry Orbach
Chief Engineer	Dan Winn

#### Coverage

	Daytime
Population—Primary	965,056
Radio Homes— "	133,155
Population—Secondary	1,874,476
Radio Homes— "	254,800
Source: Field intensity measureme	nts.

#### Representative

Edward Petry & Company

## KGHI

LITTLE ROCK—EST, 1927

FREQUENCY: 1230 Kc. POWER: 250 waits. OWNED BY: Arkansas Broadcasting Co. OPERATED BY: Arkansas Broadcasting Co. BUSINESS ADDRESS: Arkansas Gazette Bldg. STUDIO ADDRESS: Arkansas Gazette Bldg. TRANSMITTER LOCATION: Little Rock. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. NEWSPAPER AFFILIATION: Arkansas Gazette. TRANSCRIPTION SERVICE: Standard Radio, C. P. MacGregor.

#### Personnel

Manager		 , , <b>,</b>	.R. G.	Terrill
Program	Director	 	Dorothy	Weise
Chief End	ineer	 W	O. Van	Dusen

## KLRA

LITTLE ROCK—EST. 1926

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1420 Kc. POWER: 5000 watts. OWNED BY: Arkansas Broadcasting Co. OPERATED BY: Arkansas Broadcasting Co. BUSINESS ADDRESS: P. O. Box 550. PHONE: LD 132. STUDIO ADDRESS: Gazette Bldg. TRANSMITTER LOCATION: Adjacent to North Little Rock. TIME ON THE AIR: (daily) 6:30 A.M. to 12:00 Midnight; (Sunday) 7:30 A.M. to 12:00 Midnight: NEWSPAPER AFFILIATION: Arkansas Gazette. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, World Transcription System.

#### Personnel

PresidentA. L. Chilton
General ManagerS. C. Vinsonhaler
Chief Engineer
•

#### Coverage

 Population—Primary
 375,000

 Radio Homes—"
 56,000

Source: Field intensity survey.

Representative
The Katz Agency.

## KOTN

#### PINE BLUFF-EST. 1934

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Universal Broadcasting Corp. OPERATED BY: Universal Broadcasting Corp. BUSINESS ADDRESS: 505½ Main St. PHONE: 721. STUDIO ADDRESS: 505½ Main. TRANSMITTER LOCATION: 505½ Main. TIME ON THE AIR: 7:00 A.M. to 9:00 P.M., CST. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: C. P. MacGregor.

#### Personnel

PresidentB. J. Parrish
Commercial ManagerR. W. Etter
Station Manager
Chief Engineer

#### Coverage

Daytime Evening
Radio Homes—Primary. 40,800 27,000
Source: Station Estimate.

## KUOA

#### SILOAM SPRINGS—EST. 1923

FREQUENCY: 1290 Kc. POWER: 5000 watts. OWNED BY: KUOA, Inc. OPERATED BY: KUOA, Inc. OPERATED BY: KUOA, Inc. BUSINESS ADDRESS: Siloam Springs. PHONE: Long distance 77. STUDIO ADDRESS: Siloam Springs. PHONE: 28. TRANSMITTER LOCATION: Siloam Springs. TIME ON THE AIR: 6:00 A.M. to local sunset (98 hours weekly). NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: World Broadcasting System, Lang-Worth Programs, NAB Bureau of Copyrights.

#### Personnel

PresidentRichard	
Station ManagerStorm	Whaley
Chief Engineer	L. Miller

#### Coverage

Population—Primary	444,376
Radio Homes— "	71,100
Population—Secondary	990,120
Radio Homes— "	201,900

Source: Mail response survey.

#### Representative

Furgason & Walker, Inc.

## CALIFORNIA:

Population 6.907.387

Number of Radio Homes 2.013.260

Number of Families 2,130,997

Auto Registrations 2,770,000

For 1940 Census data, please turn to page 244

## KERN

#### BAKERSFIELD—EST. 1932

NBC (RED & BLUE) CALIFORNIA RADIO SYSTEM

FREQUENCY: 1410 Kc. POWER: 1000 waits. OWNED BY: McClatchy Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Elk's Bidg. PHONE: 5700-1. STUDIO ADDRESS: Same. PHONE: 978. TRANSMITTER LOCATION: Ming & Oak St. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight. NEWS-PAPER AFFILIATIONS: Fresno Bee, Sacramento Bee. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

#### Personnel

President	.Guy C. Hamilton
Station & Sales Mgr	Robert L. Stoddard
Program-Publicity Director.	Wali Lynn
Production Manager-Chief	
Announcer	Paul Bartlett
Chief Engineer	Verne Shatto

#### Coverage

Population—Primary	135,000
Radio Homes— " ,	28,000
Population—Secondary	200,000
Radio Homes— "	47,000
Source: Station estimate.	

Representative Paul H. Raymer Co.

## KPMC

BAKERSFIELD—EST. 1933 MUTUAL—DON LEE BROADCASTING SYSTEM

FREQUENCY: 1600 Kc. POWER: 1000 watts. OWNED BY: Pioneer Mercantile Co. OPERATED BY: Pioneer Mercantile Co. BUSINESS ADDRESS: Twentieth & Eye Sts. PHONE: 4500, S100, STUDIO ADDRESS: 307½ E. 21st St. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:45 A.M. to 12:00 P.M. NEWS SERVICE: United Press TRANSCRIPTION SERVICE: World Broadcasting System, NBC Theadures.

#### Personnel

President	.F. G.	R.	Schamblin
Station Manager	L.	A.	Schamblin
Chief Announcer		C	. C. Sturm
Chief Engineer		L	P. Jarvis

#### Coverage

Population—Primary	200,000
Radio Homes "	53,600
Source: Field intensity survey.	

## KŔE

#### BERKELEY—EST. 1922

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Central California Broadcasters, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 601 Ashby Ave. PHONE: Ashberry 7715. STUDIO ADDRESS: 601 Ashby Ave. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

Station & Commercial Mgr, Arthur V	Vestlund
Program DirectorDon	Hambly
Musical Director	Hawley

#### Coverage

Population—Primary	1,650,000*
Population -Secondary	407,000*
* Estimate.	

Source: Field intensity survey and mail analysis; U. S. Department of Commerce.

## KMPC

#### BEVERLY HILLS—EST. 1928

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 710 Kc. POWER: 5000 watts. OWNED BY: G. A. Richards. OPERATED BY: KMPC, Inc. BUSINESS ADDRESS: 9631 Wilshire Blvd. PHONE: CRestview 6-6211: BRadshaw 2-4411. STUDIO ADDRESS: 9631 Wilshire Blvd. TRANSMITTER LOCATION: 1481 East 81st. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M.; Sundays, 7:00 A.M. to 1:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: C. P. MacGregor, NBC Thesaurus, Davis & Schwegler.

#### Personnel

President
Vice-PresidentLeo Fitzpatrick
Vice-PresidentJohn Patt
Vice-President-General Manager. Leo B. Tyson
Sales ManagerRobert O. Reynolds
Program Director
Production ManagerArthur Faust
Sales Promotion ManagerBill Anderson
Chief AnnouncerJack Stafford
Musical Director
Chief Engineer

#### Coverage

Population—Primary ...... 2.690,600 Radio Homes— " 829,228 Source: Field survey; U. S. Census; Joint Committee.

#### Representative

A. K. Bucholz (Chicago) Lloyd Venard (New York)

## KHSL

CHICO-EST, 1935

MUTUAL-DON LEE BROADCASTING SYSTEM

FREQUENCY: 1290 Kc. POWER: 1000 waits, d.; 500 watts, n. OWNED BY: Golden Empire Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 4th & Broadway. PHONE: 237-8. STUDIO ADDRESS: 4th & Broadway. TRANSMITTER LOCATION: Hooker & Madrone Aves. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight, except Sunday (118 hours weekly). NEWSPAPER AFFILIATION: Marysville Appeal-Democrat. NEWS SERVICE: Don Lee Press Bureau, TRANSCRIPTION SERVICE: Standard Radio

#### Personnel

President	.Horace Thomas
Vice-President	.Hugh McClung
Secretary-General Mgr	M. F. Woodling
Chief Announcer	Orel Phillips
Musical Director	Earl Wright
Chief EngineerE	mory P. Milburn

#### Coverage

	Daytime	Evening
Population—Primary	307,717	298,640
Radio Homes"	103,662	100,634
Population-Secondary	47,702	43,300
Radio Homes— "	16,054	15,588
Source: Field strength	megsureme	ents and
mail response survey.		

Representative

John Blair & Co.

## K X O

EL CENTRO-EST. 1927 MUTUAL BROADCASTING SYSTEM DON LEE BROADCASTING SYSTEM

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: F. M. Bowles. OPERATED BY: F. M. Bowles. BUSINESS ADDRESS: 793 Main Street. PHONE: El Centro 1100. STUDIO AD-DRESS: 793 Main Street. TRANSMITTER LO-CATION: El Centro. TIME ON THE AIR: Unlimited (actual, 7:00 A.M. to 11:00 P.M.).

#### Personnel

Manager		. E.	R. Irey
Promotion Manager	F.	. M.	Bowles

#### Coverage

Population—Primary	83,800
Radio Homes— "	17,000
Population—Secondary	86,750
Radio Homes— "	20,300
Source: Field intensity survey.	

#### EUREKA-EST. 1933

MUTUAL-DON LEE

FREQUENCY: 1480 Kc. POWER: 1000 watts. d.; 500 Watts. n. OWNED BY: Redwood Broadcasting Co., Inc. OPERATED BY: Same. BUSINESS ADDRESS: P. O. Box 43. PHONES: 93 and 94. STUDIO ADDRESS: Vance Hotel. TRANSMITTER LOCATION: Eureka Inlet, Humboldt Bay. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System, C. P. MacGregor, Lang-Worth.

#### Personnel

Station Manager	Smullin
Commercial ManagerDonald	Telford
Production Manager-Chief Announcer,	

	Charles P. Corbin
Musical Director	James Fasullo
Religious DirectorRev.	Charles H. Hudson
Office Manager	.George E. Thomson
Traffic Manager	Beatrice Sluart
Education Director	Earl Roberts
EngineersAlvar (	Olson, Charles Baker

#### Coverage

	Daytime	Evening
Population—Primary	58,783	45,420
Radio Homes— "	17,080	14,240
Population—Secondary	137,678	120,000
Radio Homes— "	38,550	34,000
Source: Mail analysis		

FRESNO-EST, 1937

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: George Harm Estate. OPERATED BY: George Harm Estate. BUSINESS ADDRESS: 1333 Van Ness Ave. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: First & Clinton Sts. TIME ON THE AIR: Full Time License (124 hours weekly). NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

President......Mrs. George Harm Acting Station Manager. William W. Gardner Sales and Sales Promotion Manager.

	Don C. Robbin
Publicity Director	Dean Melcali
Chief Announcer	Milton Cook
Musical Director	Jack Clawson
Program Director	Dlck Wegener
Chief Engineer	John Scales

#### Coverage

Population—Primary	344,000
Radio Homes "	104,243
Population—Secondary	630,291
Radio Homes— "	185,086

#### Representative

Joseph Hershey McGillvra Edward S. Townsend Co. (Pacific Coast)

## K M J

#### FRESNO—EST. 1922

NATIONAL BROADCASTING CO. CALIFORNIA RADIO SYSTEM

FREQUENCY: 580 Kc. POWER: 5000 watts. OWNED BY: McClatchy Breadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Van Ness & Calaveras. PHONE: 3-6277: Transmitter, 4-2400. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Ventura and Fowler. TIME ON THE AIR: 6:00 A.M. to midnight. NEWS-PAPER AFFILIATIONS: McClatchy Newspapers. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus. MAINTAINS ARTISTS' BUREAU.

#### Personnel

PresidentGuy Hamilton
Commercial Manager
National Sales Manager (N. Y. C.)
Humboldt J. Gregg
Station ManagerKeith Collins
Coverage
Population—Primary 512,600
Radio Homes— " 137,000
Population—Secondary 115,000
Radio Homes " 32,000
Source: Station estimate.

#### Representative Paul H. Raymer Co.

## KIEV

#### GLENDALE—EST. 1932

FREQUENCY: 870 Kc. POWER: 250 watts. OWNED BY: Cannon System, Ltd. OPERATED BY: Cannon System, Ltd. BUSINESS ADDRESS: 701 E. Broadway. STUDIO ADDRESS: 701 E. Broadway. TRANSMITTER LOCATION: Glendale. TIME ON THE AIR: 6:00 A.M. to local sunset. NEWS SERVICE: United Press.

#### Personnel

Co-owner	D.	Н.	Cannon
Co-owner	Ree	ď	Callister
General Manager	. L.	W	7. Peters
Program Director	W.	R.	McLain

## KFOX

#### LONG BEACH—EST. 1924

CALIFORNIA RADIO SYSTEM FREQUENCY: 1280 Kc. POWER: 1000 watts. OWNED BY: Hal G. Nichols. OPERATED BY: Same. BUSINESS ADDRESS: 220 E. Anaheim St. PHONE: 672-81. STUDIO ADDRESS: 220 E. Anaheim St. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 5:00 A.M. to 11:00 P.M NEWS SERVICE: United Press TRANSCRIPTION SERVICE: Standard Radio, C. P. MacGregor. Lang-Worth.

#### Personnel

#### Coverage

	Daytime	Evening
Population—Primary	*880,000	1,010,000
Radio Homes— "	500,000	561,000
Population Secondary	125,000	* 25,000
Radio Homes " .	9.600	9,600
* Families.		

Source: Station estimate.

## Representative Walter Biddick Co.

## KGER

#### LONG BEACH-EST, 1925

FREQUENCY: 1390 Kc. POWER: 1000 watts. OWNED BY: Consolidated Broadcasting Corp. OPERATED: BY: Same. BUSINESS ADDRESS: 435 Pine Ave. STUDIO ADDRESS: 435 Pine Ave. 643 S. Olive, Los Angeles. TRANSMITTER LOCATION: San Francisco St. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M. NEWS SERVICE: Transradio Press, KGER News Bureau, and local news. TRANSCRIPTION SERVICE: World Broadcasting System, Standard Radio.

#### Personnel

President-Gen'l ManagerC.	Merwyn Dobyns
Commercial Manager	John A. Dobyns
Business Manager	Tom Hunter
Sales Manager	Don Alderman
Program Director	Helene Smith
Public Relations Manager	Lee Wynne
Chief Engineer	Jay Tapp

#### Coverage

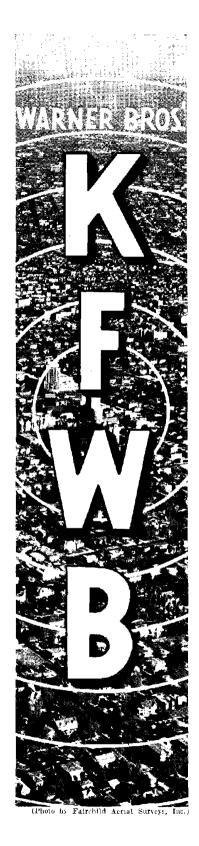
Population-Prin	nary
Radio Homes-	725,000
Population—Sec	ondary 501,000
Radio Homes	" 145,000
Source: Field	l intensity survey and mail
analysis.	•

## KECA

#### LOS ANGELES-EST. 1929

#### NBC-BLUE

FREQUENCY: 790 Kc. POWER: 5000 watts.
OWNED BY: Earle C. Anthony, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 141 N
Vermont Ave. PHONE: Fairfax 2121. STUDIO
ADDRESS: Same. TRANSMITTER LOCATION:



KFWB, Hollywood's own station, carries more local business than any other station in the greater Los Angeles area—this is as it should be:—

★ BECAUSE Warner Bros.' experienced staff of directors, writers and merchandising men have created high rating local shows available for your sponsorship;

★ BECAUSE KFWB's staff is available to produce, direct and merchandise your advertising campaign to help create greater audiences—more sales:

★ BECAUSE KFWB has the largest studio facilities on the west coast—studios with capacities ranging from 450 to 3,000 seats. This affords the local advertiser a real opportunity to merchandise his show;

★ BECAUSE KFW B's 5,000 Watts day and night gives it signal strength that adequately covers the greater Los Angeles area—the area that boasts one-third of the buying power of the eleven western states:

★ BECAUSE KFW B's position on the dial places it right in the center of the greatest activity.

WARNER BROS.

## K F W B LOS ANGELES, CALIF.

Harry Maizlish, Gen. Mgr.

5833 Fernwood Avenue HOLLYWOOD, CALIF.

#### CALIFORNIA

2951 Moynier Lane, Culver City. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight; Sundays, 8:00 A.M. to 12:00 Midnight (121 hours weekly). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio, Lang-Worth. Personnel

President......Earle C. Anthony Commercial and Sales Manager...Clyde Scott Program Manager......Glan Heisch Musical Director......Claude Sweeten Production Manager......John I. Edwards Sales Promotion Manager.....E. Pederson Publicity Director.....Bernard M. Smith Editor .....Jose Rodriguez Auditor ..... Ernest Felix Special Events Supervisor. Jimmy Vandiveer Continuity Editor......Volney Cunningham Chief Engineers ......Curtis Mason, H. L. Blatterman

Coverage

Source: Station estimate

Representative Free & Peters, Inc.

## FAC

LOS ANGELES—EST, 1932

FREQUENCY: 1330 Kc. POWER: 1000 watts. OWNED BY: Los Angeles Broadcasting Co. OPERATED BY: Los Angeles Broadcasting Co. BUSINESS ADDRESS: 645 So. Mariposa. PHONE: Fitzroy 1234. STUDIO ADDRESS: 645 TRANSMITTER LOCATION: So. Mariposa. 8581 W. 18th St. TIME ON THE AIR: 168 hours weekly. NEWS SERVICE: United Press.

#### Personnel

President and Gen'l Manager...Calvin J. Smith Program Manager......R. Van Des Autels Publicity Director......Edith Reeback Traffic Manager.....Lucile Blake Record Librarian ...... Don Otis 

#### Coverage

Daylime Evening Population-Primary ... 3,000,000 1,150,000 500,000 Radio Homes--- " 851,210

Source: Station survey.

LOS ANGELES EST. 1922

NBC-RED

FREQUENCY: 640 Kc. POWER: 50,000 watts, OWNED BY: Earle C. Anthony, Inc. OP-ERATED BY: Same. BUSINESS ADDRESS: 141 N. Vermont St. PHONE: Fairfax 2121. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Buena Park, TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight; Sundays, 8:00 A.M. to 12:00 Midnight (121 hours weekly). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio, Lang-Worth.

#### Personnel

2 0. 00.0000
PresidentEarle C. Anthony
General Manager
Sales Manager
Program ManagerGlan Heisch
Production ManagerJohn I. Edwards
News EditorJose Rodriguez
Publicity DirectorBernard M. Smith
Sales Promotion ManagerE. Pederson
Auditor Ernest Felix
Special Events Supervisor Jimmy Vandiveer
Continuity EditorVolney Cunningham
Musical DirectorClaude Sweeten
Chief EngineersCurtis Mason,
H. L. Blatterman

#### Coverage

Daytime Evening Population—Primary .... 4,739,129 4,739,129 Radio Homes- " ..... 1,300,000 1,300,000 Source: Station estimate

> Representative Edward Petry & Co., Inc.

## LOS ANGELES

FREQUENCY: 1020 Kc. POWER: 1000 watts. OWNED BY: Standard Broadcasting Co. OP-ERATED BY: Same. BUSINESS ADDRESS: 338 S. Western Ave. PHONE: Drexel 2391. STUDIO ADDRESS: 338 S. Western. TRANSMITTER LOCATION: 9300 Cattaraugua St., Palms, Calif. TIME ON THE AIR: 6:00 A.M. to local sunset. 10:00 P.M. to 6:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Langworth, Davis & Schwegler.

#### Personnel

OwnerJ. F. Burke
Station ManagerFrank Burke
Commercial ManagerF. J. Smalley, Jr.
Chief Announcer
Chief Engineer Jack Smithson

LOS ANGELES—EST. 1926 CALIFORNIA RADIO SYSTEM

FREQUENCY: 980 Kc POWER: 5000 watts. OWNED BY: Warner Bros. Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: 5933 Fernwood Ave. PHONE: Hempstead 5151. STUDIO ADDRESS: Same. TRANSMITTER LO-CATION: Baldwin Hills, Culver City. TIME ON THE AIR: 130 hours weekly. NEWS SER-VICE: International News Service. TRAN-SCRIPTION SERVICE: Associated Music.

#### Personnel

President.....L. J. Halper 

#### CALIFORNIA

Commercial Manager ... Jack O. Gross
Chief Announcer ... Harry Hall
Production Manager ... Manning Ostroff
Promotion Dept. Dave Davidson William Ray
Musical Director ... Leon Leonardi
Chief Engineer ... Harry Myers

#### Representative

Paul H. Raymer Co.

## KFSG

#### LOS ANGELES—EST. 1923

FREQUENCY: 1150 Kc. POWER: 2500 watts, d.: 1000 Watts, n. OWNED BY: Echo Park Evangelistic Association. OPERATED BY: Echo Park Evangelistic Association. BUSINESS ADDRESS: 1100 Glendale Blvd. PHONE: Exposition 1141. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:45 P.M. to 12:00 Midnight, daily except Friday: 10:30 A.M. to 12:30 P.M., 3:00 P.M. to 4:15 P.M., and 7:00 P.M. to 12:00 Midnight (2912 hours weekly).

#### Personnel

President	. Aimee	Semple	McPhersen
Station Manager			Phil Kerr
Chief Engineer	. <b></b>	M	vron Kluge

## KĠFJ

#### LOS ANGELES-EST, 1926

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Ben S. McGlashan. OPERATED BY: Ben S. McGlashan. STUDIO ADDRESS: 1417 S. Figueroa St. PHONE: Prospect 2434. TRANSMITTER LOCATION: 1828 Oak St. TIME ON THE AIR: 24 hours daily. NEWS SERVICE: International News Service.

#### Personnel

Manager	• • • • • • • •			 Ben	S.	Mo	Glashan
<b>A</b> ssistant	Manager			 H.	Du	ke	Hancock
Program	Director	٠.	 	 T	heli	ma	Kirchner

#### Coverage

	Daytime	Evening
Population—Primary	500,000	1,000,000
Radio Homes— "	300,000	800,000
Population—Secondary	150,000	400,000
Radio Homes—"	75,000	200,000
Source: Station estimate		

#### Representative

Cox & Tanz

## Кіј

#### LOS ANGELES—EST. 1923

MBS-DON LEE

FREQUENCY: 930 Kc. POWER: 5000 watts, d.; 1030 Watts, n. OWNED BY: Don-Lee Broadcasting System. OPERATED BY: Same. BUSINESS ADDRESS: 5515 Melrose Ave., Hollywood. PHONE: Hollywood 8111. STUDIO LO-

CATION: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M. (daily): 8:00 AM. to 12:00 Midnight (Sunday) NEWS SERVICE: International News Service. Associated Press. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

1	Lewis A	llen Weiss
Assistant Manager	Wille	t H. Brown
General Sales Manager	. Wilbur	Eickelberg
Television Director		ту Lubcke
Program Director	Van (	C. Newkirk
Commercial Manager	Sydn	ey Gaynor
Publicity Director		lark Finley
Musical Director	<i></i>	Dave Rose
Chief Engineer	Frank	Kennedy

#### Coverage

	Daytime	Evening
Population—Primary	2,283,847	2,283,847
Radio Homes— "	693,800	693,800
Population—Secondary	385,823	385,823
Radio Homes— "	96,455	96,455
Source: Joint Committee		

## Representative John Blair & Company

## KMTR

#### LOS ANGELES-EST, 1924

FREQUENCY: 570 Kc. POWER: 1000 Watts. OWNED BY: KMTR Radio Corp. OPERATED BY: KMTR Radio Corp. BUSINESS ADDRESS: 1000 Cahuenga Blvd. PHONE: Hillside 1161. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 5:00 A.M. to 12:30 P.M. NEWS SERVICE: Transradio Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Lang-Worth, Davis & Schwegler.

#### Personnel

President	Victor E. Dalton
General Manager	Kenneth O. Tinkham
Musical Director	Salvatore Santaella
Chief Technician	Carrol Hauser

#### Representative

Burn Smith Co.

## KŇX

#### LOS ANGELES—EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1070 Kc. POWER: 50,000 Watts. OWNED BY: Columbia Broadcasting System. OPERATED BY: Same. BUSINESS ADDRESS: 6121 Sunset Blvd., Columbia Square, Hollywood. PHONE: Hollywood 1212. STUDIO ADDRESS: Same. TRANS-MITTER LOCATION: Columbia Park. Torrance. Calif. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M.; Sundays. 7:00 A.M. to 1:00 A.M. NEWS

SERVICE: United Press. International News Service. ARTISTS' BUREAU: Columbia Management of California, Inc. TRANSCRIPTION SERVICE: Associated Library Service.

#### Personnel

General Manager...Donald W. Thornburgh Pacific Coast Sales Manager...Arthur J. Kemp S. Calif. Sales Manager.....Harry W. Witt Assistant Manager, North California Office,

Charles S, Morin National Network Sales... William E. Forbes CBS Western Program Director.Charles Vanda KNX-Pacific Network Program

Edwin W. Buckalew
Chief Engineer. Lester H. Bowman
Director of Public Relations Fox Case
Director of Publicity Hal Rorke
Traffic Manager. Alan Cormack
Auditor. Charles D. Ryder, Jr.
Assistant Program Director Ben Paley
Musical Director Lud Gluskin
Continuity Chief Paul Pierce
Production Manager Edith Todesca
Sound Effects Chief Alfred Span
Managing News Editor Nelson Pringle
Announcing Supervisor William Gay
Director of Education Frances Farmer Wilder

Coverage

bia Broadcasting System.

Representative

Radio Sales.

## KRKD

#### LOS ANGELES—EST. 1927

FREQUENCY: 1150 Kc. POWER: 2500 watts. d.; 1000 watts, n. OWNED BY: Radio Broadcasters, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 541 South Spring St. PHONE: Tucker 7111. STUDIO ADDRESS: TRANSMITTER LOCATION: 1100 Glendale Blvd. TIME ON THE AIR: 5:30 A.M. to 7:45 P.M. and 12:00 Midnight to 2:00 A.M. except Fridays and Sundays: Fridays, 7:45 P.M. to 12:00 Midnight; Sundays, 6:00 A.M. to 10:00 A.M., 12:30 P.M. to 3:00 P.M. and 4:15 P.M. to 7:00 P.M. NEWS SERVICE: International News Service Personnel

#### Coverage

Population—Primary \*798.847
Population—Secondary \*753,450
\*Families

Source: Los Angeles Chamber of Commerce.

## KMYC

#### MARYSVILLE—EST. 1940

MUTUAL BROADCASTING SYSTEM DON LEE BROADCASTING SYSTEM

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Marysville-Yuba City Broadcasters, Inc. OPERATED BY: Marysville-Yuba City Broadcasters, Inc. BUSINESS ADDRESS: State Theater Bldg., 515 E St. PHONES: 2080-1. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Riverside Ave., 2 miles north of Marysville. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M.; Saturdays, 7:00 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATION: Marysville Appeal-Democrat. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

President Horace Thomas
General Manager
Station ManagerWalter Conway
Commercial ManagerCarl Winther
Sales Promotion ManagerPaul McConnell
Program-Musical DirectorRobert Hambly
Production Manager-Publicity Director,

William Mathews
Chief Engineer . . . . Leon Stauffer

#### Coverage

Population—Primary	54,450
Radio Homes "	13,350
Population—Secondary	110,219
Radio Homes "	30,350

Source: U. S. Census; Joint Committee; Mail response analysis and field strength survey.

#### Representative

John Blair & Co.

## KYOS

#### MERCED-EST, 1936

MUTUAL—DON LEE BROADCASTING SYSTEM FREQUENCY: 1080 Kc. POWER: 250 watts. OWNED BY: Merced Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Merced. PHONE: 1430-1-2. STUDIO ADDRESS: Merced. TRANSMITTER LOCATION: 2 miles N.E. of Merced on G Street Grade. TIME ON THE AIR: 6:00 A.M. to sunset. NEWS SERVICE: United Press. NEWSPAPER AFFILIATION: Merced Sun-Star. TRANSCRIPTION SERVICE: C. P. MacGregor.

#### Personnel

President	Hugh McClung
Station Manager	David S. Ballou
Commercial Manager	.Kenneth Gorsuch
Program Director	harles Kinsley, Ir.

Publicity Director Viola Geary
Chief Engineer Erwin Dold
Coverage
Population—Primary 88.161
Population—Secondary 365,321
Source: Station estimate.
Representative
John Blair & Co.

## KTRB

#### MODESTO-EST. 1934

FREQUENCY: 860 Kc. POWER: 250 watts. OWNED BY: KTRB Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: P. O. Box 475. PHONE: Modesto 774. STUDIO ADDRESS: McHenry and Sylvan Aves. TRANSMITTER LOCATION: McHenry and Sylvan Aves. TIME ON THE AIR: 6:30 A.M. to sunset. NEWS SERVICE: United Press.

#### Personnel

General ManagerWilliam H. Bates, J	ī.
Commercial ManagerDoug McCrear	гy
Program Director	ch
Chief Engineer	ld

#### Coverage

Population—Primary	250,000
Population—Secondary	2,000,000
Source: Station estimate.	

## K D O N

#### MONTEREY—EST. 1935 DON LEE—MUTUAL

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Monterey Peninsula Broadcasting Co. OPERATED BY: Monterey Peninsula Broadcasting Co. BUSINESS ADDRESS: 275 Pearl St. PHONE: 8111. STUDIO ADDRESS: 275 Pearl St., Monterey: Casa Del Rey Hotel, Santa Cruz; 137 Monterey St., Salinas. TRANSMITTER LOCATION: Municipal Wharf, Monterey, Calif. TIME ON THE AIR: 6:30 A.M. to 11:00 P.M. NEWSPAPER AFFILIATION: Monterey Peninsula Herald, Salinas Newspapers, Inc. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

President	A	llen	Griffin
Station Manager	. Howard	V.	Walters
Commercial Manager	H.	V.	Walters
Publicity Director	Во	bР	inkerion
Chief Engineer	Or	ner	Wright

#### Coverage

	Daytime	Evening
Population—Primary	128,690	97,650
Radio Homes "	30.182	22.050
Population—Secondary	421,000	336,800
Radio Homes "	90,100	72,080

Source: Field intensity survey.

Representative

John Blair & Co.

## KLS

#### OAKLAND-EST. 1921

FREQUENCY: 1310 Kc. POWER: 1000 watts.
OWNED BY: Warner Brothers. OPERATED
BY: Same. BUSINESS ADDRESS: 327—21st St.
PHONE: Higate 1212. STUDIO ADDRESS:
327—21st St. TRANSMITTER LOCATION:
Same. TIME ON THE AIR: 24 hours daily.
NEWS SERVICE: International News Service.

#### Personnel

Station Manager	.S	. V	V. V	Varner
Commercial Manager		F.	W.	Morse
Program Director		C.	de	Costa
Publicity Director		. M	αιγ	Dorr
Chief Engineer		R.	C.	Butler

#### Coverage

	Dayume	rvening
Population—Primary	1,095,112	1,555,245
Radio Homes—"	186,342	236,924
Population—Secondary .	2,050,927	2,213,004
Radio Homes— "	296,515	313,329
_		

Source: Station survey.

## KLX

#### OAKLAND-EST. 1922

FREQUENCY: 910 Kc. POWER: 1000 waits. OWNED BY: Tribune Building Co. OPERATED BY: Tribune Building Co. BUSINESS ADDRESS: Tribune Tower, 13th & Franklin. PHONE: Templebar 6000. STUDIO ADDRESS: Tribune Tower, 13th & Franklin Sts. TRANSMITTER LOCATION: Oakland. TIME ON THE AIR: 7:30 A.M. to 11:30 P.M.; Sundays, 12:00 noon to 11:00 P.M. NEWSPAPER AFFILIATION: The Oakland Tribune. TRANSCRIPTION SEBVICE: World Broadcasting System.

#### Personnel

Manager ......Preston D. Allen

## K R O W

#### OAKLAND-EST. 1925

FREQUENCY: 960 Kc. POWER: 1000 waits. OWNED BY: Educational Broadcasting Corp. OPERATED BY: Educational Broadcasting Corp. Business and Studio Address: Radio Center Bidg.. 464—19th St. PHONE: Glencourt 6774. SAN FRANCISCO OFFICE and STUDIO ADDRESS: Bellevue Hotel. PHONE: Ordway 6868. TRANSMITTER LOCATION: 1520 Eighth Ave. TIME ON THE AIR: 16714 hours weekly. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Lang-Worth, Standard Radio. Personnel

## CALIFORNIA

Program Director	
Publicity Director	Don Logan
Musical Director	

## Coverage

	Daytime	Evening
Population—Primary	1,920,000	1,920,000
Radio Homes— "	460,960	460,960
Pcpulation—Secondary	212,000	212,000
Radio Homes— "	52,200	52,200
C		

Source: Joint Committee.

## Representative

# KPPC

### PASADENA-EST. 1924

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Pasadena Presbyterian Church. OPERATED BY: Same. BUSINESS ADDRESS: 885 E. Colorado St. PHONE: Sycamore 3-2193. STUDIO ADDRESS: 585 E. Colorado. TRANSMITTER LOCATION: 585 E. Colorado. TIME ON THE AIR: (Sunday) 9:01 A.M. to 1:00 P.M. & 6:45 P.M. to 9:00 P.M. (Wednesday 7:00 P.M. to 9:30 P.M. TRANSCRIPTION SERVICE: Standard Radio.

# KROW

"THE HOME-INTEREST STATION OF THE GREAT OAKLAND-SAN FRANCISCO METROPOLITAN AREA."

> RADIO CENTER BUILDING 19th and Broadway Oakland, California

Philip G. Lasky, General Manager

Represented Nationally by Free and Peters, Inc.

## Personnel

Station Manager	Frank M. Veale
Chief Announcer	. Vincent Parsons
Program-Musical Director	Leon Hill
Production Manager	Raymond Wylie
Chief Engineer	N. V. Parsons

## Coverage

	Daytime	Evening
Population—Primary	344,000	344,000
Population—Secondary	625.000	625,000
Saurce, Chamber of Com-		

# KVCV

## REDDING—EST. 1936

MUTUAL BROADCASTING SYSTEM DON LEE BROADCASTING SYSTEM

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Golden Empire Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: P. O. Box 477. PHONE: 900. STUDIO ADDRESS: Highway No. 99. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight: Sundays. 8:00 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATION: Redding Searchlight. TRANSCRIPTION SERVICE: Standard Radio.

## Personnel

President	Horace E. Thomas
Station Manager	Frank H. Coffin
Commercial Manager	Harold Winther
Program Director	Orville Burda
Chief Engineer	John Boren

## Coverage

Population—Primary .					. 55,150
Radio Homes " .					. 18,383
Population-Secondary					. 23,087
Radio Homes "					6,021
C (1)	_				T

Source: Chamber of Commerce; Joint Committee; Mail analysis.

## Representative John Blair & Company

## KFBK

SACRAMENTO—EST. 1922
NBC (RED & BLUE)—CALIFORNIA
RADIO SYSTEM

FREQUENCY: 1530 Kc. POWER: 10,000 Watts. OWNED BY: McClatchy Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 708 Eye St. PHONE: Main 5000. STUDIO ADDRESS: 708 Eye St. TRANSMITTER LOCATION: Yolo County, California. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATION: The Sacramento Bee. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

## Personnel

Vice-President	Hamilton
Station & Business ManagerHowa	ırd Lane
Chief AnnouncerTony	Koester

Sales Manager	Leo	Ricketts
Publicity Director		
Musical Director	George	Breece
Chief EngineerNormo	n D.	Webster
Coverage		
Population—Primary		730,000
Radio Homes— "		197,000
Population—Secondary		276,000
Radio Homes "		79,000
Source: Field intensity survey	and	mail re-
sponse analysis.		

Representative
Paul H. Raymer Company

# KROY

SACRAMENTO—EST. 1937 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Royal Miller. OPERATED BY: Same. BUSINESS ADDRESS: Sacramento Hotel. PHONE: Main 665-6. STUDIO ADDRESS: Sacramento Hotel. TRANSMITTER LOCATION: 14th Ave. & 65th St. TIME ON THE AIR: 7:00 A.M. to 12:30 A.M. NEWS SERVICE: International News Service. (13212 hours weekly). TRANSCRIPTION SERVICE: Standard Radio.

## Personnel

President-Owner	Royal Miller
Station Manager	ll Thompson, Jr.
Sales Manager	D. E. Lundy
Sales Promotion Manager	Elton Rule
Program Director	Ann Farrar
Production Manager	Bert Barry
Chief Announcer	Bob Tutt
Musical Director	Garland Schuler
Director of Women's Programs	,
E	vanaeline Raker

Evangeline Baker
Chief Engineer ....... Milton Cooper

 Coverage

 Population—Primary
 375,000

 Radio Homes—"
 104,700

 Population—Secondary
 145,000

 Radio Homes—"
 42,000

 Source: Mail response analysis.

Representative Edward S. Townsend Co.

# KFXM

SAN BERNARDINO—EST. 1929 MUTUAL—DON LEE

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: J. C. & E. W. Lee. OPERATED BY: Lee Bros. Broadcasting Co. BUSINESS ADDRESS: California Hotel. PHONE: 4761-2. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 990 Colton Ave. TIME ON THE AIR: 6:00 A.M. to 12:00 P.M. except Wednesday; Sunday, 1:00 P.M. to 6:45 P.M. and 9:00 P.M. to 12:00 Midnight; Wednesday, 6:00 A.M.

to 7:00 P.M. and 9:30 to I2:00 Midnight, NEWS SERVICE: United Press. TRANSCRIPTION SER-VICE: Standard Radio, Davis & Schwegler.

## Personnel

Station Manager	J. Clifford Lee
Commercial Manager	Gene W. Lee
Chief Announcer	Howard Baichly
Sales Manager	Maury A. Vroman
Publicity Director	George A. Burns
Chief Engineer	.Richard T. Sampson

#### Coverage

	Daytime	Evening
Population—Primary	149.901	106,241
Radio Homes—"	41,657	25,379
Population—Secondary	49,121	27,491
Radio Homes— "	17,278	7,634

Source: Station survey.

## Representative John Blair & Company

## **KFMB**

SAN DIEGO-EST. 1940

FREQUENCY: 1420 Kc. POWER: 250 watts. OWNED BY: Worcester Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Pacific Square. PHONE: Main 2114. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 1124 S. 34th St. TIME ON THE AIR: 118 hours weekly.

## Personnel

President	Warren	B. Wo	orcester
Sales Manager		. Mr. 1	Heitfeld

# KFSD

## SAN DIEGO-EST. 1926

NBC (Pacific-Blue)

FREQUENCY: 600 Kc. POWER: 5000 watts. OWNED BY: Airfan Radio Corp., Ltd. OPERATED BY: Airfan Radio Corp., Ltd. BUSINESS ADDRESS: U. S. Grant Hotel, 326 Broadway. PHONE: Franklin 6353. STUDIO ADDRESS: U. S. Grant Hotel, 326 Broadway. TRANSMITTER LOCATION: U. S. Grant Hotel, 326 Broadway. TIME ON THE AIR: (daily) 7:00 A.M. to midnight: (Sunday) 8:00 A.M. to midnight: (Sunday) Riber Press. TRANSCRIPTION SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

## Personnel

President-Station ManagerThomas E.	Sh.
Assistant Manager Inolius L.	Sherb
Assistant ManagerSam I	.ipsett
Commercial ManagerJohn Ba	bcock
Program-Publicity DirectorLeah McM	<b>l</b> ahon
Chief Engineer	nbeck

## Coverage

Population	—Prin	ary	. <b></b>	2,591,700
Radio Hor	nes—	"		825,000
Source:	Field	intensity	MAGGIIFOM	ant. Toint

Committee; U. S. Census.

## Representative

Paul H. Raymer Company

## KGB

## SAN DIEGO—EST. 1931

FREQUENCY: 1360 Kc. POWER: 1000 watts. OWNED BY: Don Lee Broadcasting System. OPERATED BY: Same. BUSINESS ADDRESS: 1012 First Ave. PHONE: Franklin 6151. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: (daily) 7:00 A.M. to 1:00 A.M. (Sunday) 8:00 A.M. to Midnight (124 hours weekly). NEWS SERVICES: Associated Press, United Press, International News Service. TRANSCRIPTION SERVICE: World Broadcasting System.

## Personnel

Genl. MgrLewis Allen Weiss
Station ManagerS. W. Fuller
Sales Manager
Program DirectorJames Dillon
Publicity Director
Chief AnnouncerGene Ericson
Musical Director
Chief Engineer

## Coverage

	Daytime	Evening
Population—Primary	280,000	280,000
Radio Homes— "	75,334	75,334
Source: Station survey.		

## Representative

John Blair & Co.

# KFRC

SAN FRANCISCO—EST. 1924 MUTUAL—DON LEE BROADCASTING SYSTEMS

FREQUENCY: 610 Kc. POWER: 5.000 watts. OWNED BY: Don Lee Broadcasting System. OPERATED BY: Same. BUSINESS ADDRESS: 1000 Van Ness Ave. PHONE: Prospect 0100. STUDIO ADDRESS: 1000 Van Ness Ave. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M. to midnight: Sundays, 8:00 A.M. to midnight. NEWS SERVICE: International News Service, Associated Press. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

President	
Commercial Manager	
Program Director	Ben Harkins
Production Manager	Mel Venter
Sales Promotion Manager	Gary Kreidt
Chief Announcer	Bob Bence
Sales-Traffic Manager	Enes Canata
Publicity Director	Pat Kelly
Musical Director	Cy Trobbe
Chief EngineerErnest	G. Underwood

## Coverage

	Daytime	Evening
Population—Primary	2,554,209	2,136,890
Radio Homes— "	663,120	580,940
Population—Secondary	3.270.260	
Radio Homes— "	841,710	780,670
Source: Joint Committee.		

## Representative

John Blair & Co.

# KĠO

## SAN FRANCISCO-EST. 1924

NATIONAL BROADCASTING CO. FREQUENCY: 810 Kc. POWER: 10000 watts. OWNED BY: General Electric Co. OPERATED BY: National Broadcasting Co. BUSINESS ADDRESS: 111 Sutter St. PHONE: Sutter 1920. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Oakland. TIME ON (HE AIR: (daily) 6:30 A.M. to midnight—(Sunday) 7:30 A.M. to midnight. NEWS SERVICE: International News Service and United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Davis & Schwegler.

## Personnel

A. E. Nelson
Gene Clark
Glenn Dolberg
Robert Seal
S. P. Dorais
Paul Gates
William B. Ryan
George Fuerst
Jennings Pierce
Milton Samuel

#### 

	Daytime	Evening
Population—Primary	2,428,600	2,460,500
Radio Homes "	660,900	672,000
Population—Secondary	803,300	2,644,600
Radio Homes— "	221,500	683,400
Source: Field intensity	survey	and mail
response analysis.		

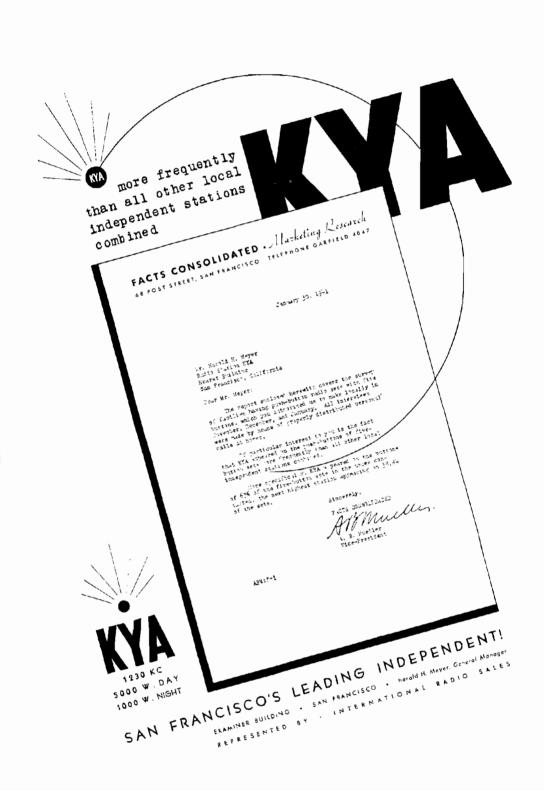
### Representative

National Broadcasting Co., Inc.

# KJBS

## SAN FRANCISCO-EST. 1925 KJBS-KQW COMBINATION

FREQUENCY: 1100 Kc. POWER: 500 watts. OWNED BY: Julius Brunton & Sons Co. OPERATED BY: Julius Brunton & Sons Co. BUSINESS ADDRESS: 1470 Pine St. PHONE: Ordway 4148. STUDIO ADDRESS: 1470 Pine St. TRANSMITTER LOCATION: 1470 Pine St. TIME ON THE AIR: (Mon., Tues., Wed., Thurs., Fri. and Sunday) 10:00 P.M. to local sunset the following day: Saturday, 11:30 to local sunset the following day. NEWS SERVICE: United



Press, International News Service, KIBS News Service. TRANSCRIPTION SERVICE: Standard Radio, Lang-Worth, NAB Library, C. P. Mac-Gregor.

Personnel		
General Manager	Ralph R. Brunton	
Manager	E. P. Franklin	
Coverage		
Population—Primary	1,497,000	

Radio Homes— " Source: Field intensity measurements.

Representative

Homer Owen Griffith, Los Angeles

## SAN FRANCISCO—EST, 1922 NATIONAL BROADCASTING CO.

FREQUENCY: 680 Kc. POWER: 50,000 OWNED BY: National Broadcasting Co. OPERATED BY: Same. BUSINESS AD-DRESS: 111 Sutter St. PHONE: Sutter 1920. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Belmont. TIME ON THE AIR: (daily) 6:00 A.M. to midnight; (Sunday) 7:00 A.M. to midnight. NEWS SERVICE: International News Service and United Press. TRANSCRIPTION SERVICE: NBC Thesqurus. Davis & Schwegler.

## Personnel

~ 6.00		
Station Manager		
Sales Promotion ManagerGene Clark		
Program DirectorGlenn Dolberg		
Production ManagerRobert Seal		
Office ManagerS. P. Dorais		
Chief AnnouncerPaul Gates		
Sales ManagerWilliam B. Ryan		
Traffic ManagerGeorge Fuerst		
Education & Agriculture		
DirectorJennings Pierce		
Publicity DirectorMilton Samuel		
Station EngineerCurtis D. Peck		
Coverage		

Daytime Evening Population—Primary .... 2,624,600 2,736,500 Radio Homes--- " 741,200 714,100 Population-Secondary ... 293,100 3,034,300 Radio Homes— " 753,300 80,800 Source: Field intensity survey and mail response analysis.

Representative National Broadcasting Co., Inc.

## SAN FRANCISCO EST. 1925

CALIFORNIA RADIO SYSTEM

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Golden Gate Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: 1355 Market St. PHONE: Market 8171. STU-DIO ADDRESS: Same. TRANSMITTER LOCA-TION: Same. TIME ON THE AIR: 168 hours weekly. NEWS SERVICE: United Press, International News Service, TRANSCRIPTION SER-VICE: Lang-Worth,

## Personnel

PresidentS. H. Patterson
Station ManagerLou Keplinger
Program DirectorLee Goldsmith
Publicity DirectorJean Anderson
Chief AnnouncerCharles Cooper
Chief EngineerMel Williams

Coverage

	Daylime	Evening
Population—Primary	1,561,528	1,561,528
Radio Homes— "	391,000	391,000
Population—Secondary	1,753,460	1,753,460
Radio Homes—"	451,030	451,030

Source: Station survey.

## Representative

Forjoe & Co.

# SF0

## SAN FRANCISCO-EST, 1925

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 560 Kc. POWER: 5000 Watts. d.; 1000 Watts, n. OWNED BY: The Associated Broadcasters, Inc. OPERATED BY: Same. BUSINESS ADDRESS: Palace Hotel Bldg., 140 lesse St. PHONE: Garfield 4700, STUDIO AD-DRESS: Same. TRANSMITTER LOCATION: Islias Creek. TIME ON THE AIR: 18 hours daily. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Lang-Worth,

#### Personnel

President
General ManagerLincoln Dellar
National Sales Manager
Program DirectorClifton Howell
Director of Public RelationsR. W. Dumm
Sales Promotion ManagerJack P. Cowden
Chief AnnouncerKen Craig
Traffic Manager
Publicity Director
Musical DirectorDick Aurandt
Chief Engineer R. V. Howard

Coverage

	Daynme	rvening
Population—Primary	2,181,800	2,076,700
Radio Homes— "	.643,120	611.970
Population—Secondary	482,300	132,600
Radio Homes— "	99,070	23,700
Source: Joint Committee	e; county	auditor's
estimate (1939).		

## Representative

Edward Petry & Co.

SAN FRANCISCO-EST, 1926

FREQUENCY: 1260 Kc. POWER: 5000 watts. d.; 1,000 Watts, n. OWNED BY: Hearst Radio, Inc. OPERATED BY: Same. BUSINESS ADDRESS: Hearst Bldg. PHONE: Douglas

2536. STUDIO ADDRESS: Same. TRANS-MITTER LOCATION: Candlestick Point, Bay View Park. TIME ON THE AIR: (daily) 6:00 A.M. to midnight. (Sunday) 8:00 A.M. to midnight. NEWSPAPER AFFILIATIONS: San Francisco Examiner, San Francisco Call-Bulletin. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated Music.

## Personnel

President	C. B. McCabe
General Manager	
Program Director	Reiland Quin
Chief Announcer	David S. Vaile
Publicity Director	J. Clarence Meyers
Musical Director	Edward Fitzpatrick
Chief Engineer	Paul C. Schulz
Musical Director	Edward Fitzpatrick

Coverage

Population—Primary	1,552,000
Radio Homes"	457,000
Population—Secondary	1,960,000
Radio Homes—"	578,000
Source: Field intensity measureme	nt; Joint
Committee; U. S. Census.	

## Representative

International Radio Sales.

# K Q W

SAN JOSE—EST. 1912 MUTUAL—DON LEE

FREQUENCY: 740 Kc. POWER: 5000 watts. OWNED BY: Pacific Agricultural Foundation, Ltd. OPERATED BY: Same. BUSINESS ADDRESS: 87 East San Antonio St. PHONE: Ballard 2616. STUDIO ADDRESS: 87 East San Antonio St. TRANSMITTER LOCATION: Alviso, Calif. TIME ON THE AIR: 6:15 A.M. to 12:00 Midnight, NEWS SERVICE: United Press, International News Service. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio, C. P. MacGregor.

#### Personnel

President

Ralph R Brunton

Tresteenti
General Manager
Sales Manager
Production ManagerDick Ellers
Sales Promotion and Program Manager,
Ray Lewis
Musical DirectorFred Ruegg
Chief Engineer

## Coverage

Population—Primary 2,834.542 2,834.542 Radio Homes— ... 545.870 545.870 Source: Joint Committee; Chamber of Commerce; field intensity survey.

## Representative

heynolds-Fitzgerald, Inc.

## KVEC

## SAN LUIS OBISPO—EST. 1937

MUTUAL—DON LEE

FREQUENCY: 1230 Kc. POWER: 250 waits. OWNED BY: Christina M. Jacobson. tr. as The Valley Electric Co. OPERATED BY: The Valley Electric Co. BUSINESS ADDRESS: 851 Higuera St. PHONE: San Luis Obispo 1100. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Roosevelt Highway. TIME ON THE AIR: 6:45 A.M. to 12:00 Midnight, daily: 8:00 A.M. to 12:00 Midnight, Sundays (119½ hours weekly). NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio.

## Personnel

OwnerChristing M. Ja	cobson
ManagerLes I	Tacker
Sales ManagerJoe Shuitle	eworth.
Program DirectorAram Re	jebiαn
Chief AnnouncerWilliam	Barton
Chief EngineerEarl	Travis
Th	

## Representative

John Blair & Co.

# KVOE

## SANTA ANA-EST. 1926

DON LEE-MUTUAL

FREQUENCY: 1490 Kc. POWER: 250 waits. OWNED BY: The Voice of the Orange Empire, Inc., Ltd. OPERATED BY: Same. BUSINESS ADDRESS: 307 North Broadway. PHONE: 4901-R. STUDIO ADDRESS: 2825 W. 5th St. PHONE: 4900. TRANSMITTER LOCATION: Same. TIME ON THE AIR: (Daily) 7:00 A.M. to 12:00 midnight; (Sunday) 8:00 A.M. to 12:00 midnight. TRANSCRIPTION SERVICE: C. P. MacGregor.

#### Personnel

President and General Manager.

	Emest L. Spencer
Vice-President	C. P. MacGregor
Sales Manager	Puck Wendling
Production Manager	Wallace S. Wiggins
Merchandising & Promotion	

## Representative

John Blair & Company

# КĎВ

# SANTA BARBARA—EST. 1929 MUTUAL—DON LEE BROADCASTING SYSTEMS

FREQUENCY: 1490 Kc. POWER: 250 waits. OWNED BY: Santa Barbara Broadcasters, Ltd. OPERATED BY: Don Lee Broadcasting System. BUSINESS ADDRESS: 15 E. Haley. PHONE: 4131. STUDIO ADDRESS: 15 E. Haley. TRANSMITTER LOCATION: Same, TIME ON THE

President...

AIR: 6:45 A.M. to 12:00 Midnight. TRAN-SCRIPTION SERVICE: World Broadcasting System.

## Personnel

PresidentThomas	S. Lee
Station ManagerEarl	Pollock
Production Manager & Chief	
AnnouncerBo	b Perry
Sales Manager Arthur	Manuel
Chief Engineer	Radtke

## Coverage

	Dayume	Lvening
Population—Primary	118,400	118,400
Radio Homes— "	37,000	37,000
Population—Secondary	26,000	26,000
Radio Homes— "	8,000	8.000

Source: Station survey.

Representative
John Blair & Co.

# KTMS

SANTA BARBARA—EST. 1937
NATIONAL BROADCASTING CO.
CALIFORNIA RADIO SYSTEM

FREQUENCY: 1250 Kc. POWER: 1000 watts. OWNED BY: News-Press Pub. Co. OPERATED BY: Same. BUSINESS ADDRESS: De La Guerra Plaza. PHONE: 6111. STUDIO ADDRESS: De La Guerra Plaza: Ventura. Calif. TRANSMITTER LOCATION: Goleta. TIME ON THE AIR: (daily) 6:45 A.M. to Midnight; (Sunday) 8:00 A.M. to Midnight. NEWS-PAPER AFFILIATION: Santa Barbara News-PAPER AFFILIATION: Santa Barbara News-PAPER. NEWS SERVICE: International News-Service, Associated Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

Manager	 											Charles	A.	Storke
			•	٧.	_	_	_	_	 		 			

#### Coverage

	Daytime	Evening
Population—Primary	138,958	138,958
Radio Homes— "	34,450	34,450
Source: U. S. Census.		

## Representative

Paul H. Raymer Co.

## KSRO

## SANTA ROSA-EST. 1937

FREQUENCY: 1350 Kc. POWER: 1000 watts. OWNED BY: E. L. Finley. OPERATED BY: Will Gunzendorfer. BUSINESS ADDRESS: Press Democrat Bldg. PHONE: Santa Rosa 110. STUDIO ADDRESS: Press Democrat Bldg. TRANSMITTER LOCATION: Vallejo & Fresno Sts. TIME ON THE AIR: 6:30 A.M. to 10:00 P.M. NEWSPAPER AFFILIATION: Santa Rosa Press-Democrat, Santa Rosa Republican. NEWS SERVICE: United Press, International News Service. Associated Press. TRANSCRIPTION SERVICE: World Broadcasting System.

## Personnel

..... E. L. Finley

Manager	ndorfer
Program Director	Brown
Production Manager-Chief Announcer,	
Larr	y Hays
Publicity DirectorMike	Pardee
Chief Engineer	Cauley
Coverage	-
Radio Homes-Primary	139.410

Based on 250 Watts: Source: Station survey.

## KGDM

## STOCKTON-EST, 1926

FREQUENCY: 1130 Kc. POWER: 1000 watts. OWNED BY: E. F. Peffer. OPERATED BY: E. F. Peffer. BUSINESS ADDRESS: 40 S. California St. PHONE: 44551. STUDIO ADDRESS: 515 E. Market. TRANSMITTER LOCATION: Highway 99, S.E. TIME ON THE AIR: 5:45 A.M. to local sunset. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System.

## Personne!

Manager		. Smith
Program	DirectorDonald J	. Ralph

# K W G

## STOCKTON-EST. 1921

NBC (RED AND BLUE) & CALIFORNIA RADIO SYSTEM

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: McClatchy Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Hotel Wolf. PHONE: 2-2727. 580 M. STUDIO ADDRESS: Hotel Wolf. TRANSMITTER LOCATION: Weber & E. Sts. TIME ON THE AIR: 6:00 A.M. to Midnight. NEWSPAPER AFFILIATION: McClatchy Newspapers, Inc. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

## Personnel

President	Guy	c.	Hamilton
Station & Sales Manager	<b></b> .	$G_{ec}$	rge Ross
Chief Announcer	<b>Le</b> s	ter	Jacobson
Chief Engineer	Rus	ssel	l Bennett

## Representative

Paul H. Raymer Company

# KTKC

VISALIA-EST, 1937

MUTUAL-DON LEE

FREQUENCY: 920 Kc. POWER: 1000 watts.
OWNED BY: Tulare-Kings Counties Radio Assoc. OPERATED BY: Same. BUSINESS ADDRESS: Visalia, P. O. Box 511. PHONE: 574-5.
STUDIO ADDRESS: Visalia. TRANSMITTER

LOCATION: 1½ miles south of Visalia. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M., daily except Salurday; 6:00 A.M. to 12:00 midnight, Saturdays. NEWS SERVICE: United Press. NEWSPAPER AFFILIATIONS: Time-Delta-Visalia Recorder, Porterville, Times & Advance Register, Tulare. TRANSCRIPTION SERVICE: C, P, MacGregor, Standard Radio.

## Personnel

General ManagerChas	. A. Whitmore
Station Manager	Chas. P. Scott
Sales Manager	Milliard Kibbe
Program-Musical Director	Jerry Irwin
Production Manager	Ken Aitken
Chief AnnouncerShe	ldon Anderson
Chief EngineerB	ert Williamson

## Coverage

	Daytime	Evening
Population—Primary	<b>455,400</b>	350,000
Radio Homes— "	93,650	
Population—Secondary	*750,000	

<sup>\*</sup> Approximation.

## Representative John Blair & Company

## KHUB

WATSONVILLE-EST. 1937

FREQUENCY: 1340 Kc. POWER: 250 waits. OWNED BY: John P. Scripps. OPERATED BY: E. W. Slusser. BUSINESS ADDRESS: Atkinson Lane. PHONE: 1700-1. STUDIO ADDRESS: Atkinson Lane. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. (112 hours weekly). NEWSPAPER AFFILIATION: Watsonville Register-Pajaronian. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

## Personuel

President	John	P.	Scripps
Station Manager	E.	W.	Slusser
Commercial Manage	rGeorg	e B	arringer
Program-Publicity I	Director Ed	die	Calder
Chief Announcer	Ma	ту	Bertsch
Musical Director	N	ana	Taylor
Chief Engineer		rel	Buckley

## Coverage

	Daytime	Evening
Population—Primary	50,000	30,000
onulation—Secondary	20.000	

Representative
Walter Biddick Co.
Forjoe & Co.

# -COLORADO

Population 1.123.296

Number of Families 314,952

Number of Radio Homes 254,900

Auto Registrations 362,000

For 1940 Census data, please turn to page 245

## KGIW

ALAMOSA-EST. 1929

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: E. L. Allen. OPERATED BY: E. L. Allen. BUSINESS ADDRESS: Alamosa, Colo. PHONE: Alamosa 26. STUDIO ADDRESS: Alamosa and Monte Vista. TRANSMITTER LOCATION: East Alamosa, Colo. TIME ON THE AIR: 7:00 A.M. to 7:30 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

Owner.....E. L. Allen

# KVOR

COLORADO SPRINGS—EST. 1922

CBS

FREQUENCY: 1300 Kc. POWER: 1000 watts.
OWNED BY: Outwest Broadcasting Co. OP-ERATED BY: Same. BUSINESS ADDRESS: Antlers Hotel. PHONE: Main 278. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Platte Ave. east of city limits. TIME ON THE AIR: 6:45 A.M. to midnight. NEWSPAPER AFILIATIONS: Colorado Springs Gazette & Telegraph. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICES: NBC Thesaurus, Standard Radio, & Lang-Worth Features.

## Personnel

PresidentE. K.	Gaylord
Station ManagerDudley	Tichenor
Program DirectorElaine	Clemons
Musical DirectorDuane	Osborn
Chief EngineerCozine	e Strang
~~	

#### Coverage

Population—Primary	166,000
Radio Homes— "	38,000
Population—Secondary	59,300
Radio Homes— "	11,500
Source: Mail response analysis.	

Representative
The Kalz Agency

## KFEL

DENVER-EST, 1923

#### MUTUAL

#### MOUNTAIN & PLAIN NETWORK

FREQUENCY: 950 Kc, POWER: 5000 watts. OWNED BY: Eugene P. O'Fallon, Inc. OPERATED BY: Eugene P. O'Fallon, Inc. BUSINESS ADDRESS: Albany Hotel. PHONE: Keystone 0178. STUDIO ADDRESS: Albany Hotel. TRANSMITTER LOCATION: 5350 West 20th Ave. TIME ON THE AIR: 5:30 A.M., to 12:30 A.M., daily: 7:00 A.M. to 12:30 A.M., Sundays. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: World Broadcasting System, Lang-Worth, Standard Radio, Davis & Schwegler, C. P. MacGregor.

## Personnel

President-Station ManagerGene O'Fallon
DirectorFrank Bishop
Commercial Manager
Program and Sales Promotion Manager,
Don McCraig

Production Manager-Chief Announcer,

## Coverage

	Daytime	Evening
Population—Primary	526,445	526,445
Radio Homes— "	124,600	110,000
Population—Secondary	323,300	526,445
Radio Homes—"	150.000	124,600
Source: Mail analysis.		

## Representative

John Blair & Company

# KLZ

# DENVER—EST. 1920 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 560 Kc. POWER: 5000 watts. OWNED BY: KLZ Broadcasting Co. OPERATED BY: KLZ Broadcasting Co. BUSINESS ADDRESS: Shirley Savoy Hotel. PHONE: Main 4271. STUDIO ADDRESS: Shirley Savoy Hotel. TRANSMITTER LOCATION: S. Franklin at Hamden, Englewood, Colo. TIME ON THE AIR: 5:00 A.M. to 1:05 A.M.: Sunday, 6:30 A.M. to 12:00 Midnight (138 hours weekly. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated Program Service.



"THE MILE-HIGH MUTUAL NETWORK STATION"

## DENVER, COLORADO

5000 Watt Western Electric Transmitter with Directive Array—

Concentrating its Power in the Population Centers
DAY and NIGHT

Complete information, availabilities and low pro-rata talent costs on request to:



GFNE O'FALLON, MGR.

Represented by JOHN BLAIR & CO.

## Personnel

President	E. K. Gaylord
Station Manager	Hugh B. Terry
Program Director	Arthur Wuth
Production Manager	Derby Sproul
Promotion Director	R. C. Groffman
Musical Director	Les Weelans
Chief Engineer	.T. A. McClelland

## Coverage

Daytime Evening Population-Primary .... 953,265 708,400 Radio Homes- " 204,641 156,068 . . . . Source: U. S. Census; Joint Committee.

> Representative The Katz Agency

## DENVER—EST. 1939

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: F. W. Meyer. OPERATED BY: F. W. Meyer. BUSINESS ADDRESS: Denver. STUDIO ADDRESS: Same. TRANSMITTER LO-CATION: Same. TIME ON THE AIR: Unlimited License.

\*Station was licensed to operate under a C.P. at the time of going to press and no further information was available after the usual requests.

#### DENVER--EST. 1924 NATIONAL BROADCASTING CO.

FREQUENCY: 850 Kc. POWER 50,000 waits. OWNED BY: General Electric Co. OPERATED BY: National Broadcasting Co. BUSINESS ADDRESS: 1625 California St. PHONE: Main 6211. STUDIO ADDRESS: Same, TRANSMIT-TER LOCATION: Aurora, Colo. TIME ON THE AIR: 5:30 A.M. to 1:00 A.M.; Sunday, 7:00 A.M. to 1:00 A.M. (135 hours weekly). NEWS SERVICE: United Press, International News Service. TRANSCRIPTION SERVICES: NBC Thesaurus, Standard Radio. MAINTAINS ART-ISTS BUREAU.

## Personnel

President, General ElectricCharles Wilson
President, National Broadcasting,
37/1
Niles Trammell
General ManagerLloyd E. Yoder
Assistant ManagerRobert H. Owen
National Spot Sales Manager,
James R. MacPherson
Local Sales ManagerA. W. Crapsey
Production Manager John B. Lyman, Jr.
Dubligity Diseases
Publicity Director
News Editor Albert Orrick
Auditor-Office ManagerDale L. Newbold
Traffic Manager
Musical Directors,
Milton Shrednik, Chester Smith

Program Director........Clarence C. Moore

Artists Bureau Head..........Duncan McColl Chief Engineer......Robert H. Owen

Coverage

Daytime Evening Population—Primary 1,113,400 .... 1,099,400 Radio Homes- " 239.200 249,100 . . . . Population—Secondary ... 568,200 3.255,100 Radio Homes-- " 104,400 625,700

Source: NBC Airea method of field strength measurements and mail response analysis.

## Representative

National Broadcasting Co., Inc.

## DENVER—EST, 1928

FREQUENCY: 910 Kc. POWER: 1000 waits. OWNED BY: Pillar of Fire (A Corporation). OPERATED BY: Pillar of Fire (A Corporation) BUSINESS ADDRESS: 1845 Champa St. STU-DIO ADDRESS: 1845 Champa St.

(Non-Commercial Station.)

## DENVER—EST. 1925

NATIONAL BROADCASTING CO. FREQUENCY: 630 Kc. POWER: 1000 Watts. OWNED BY: Colorado Radio Corp.

STATION

## 

DENVER

Takes great pleasure in

announcing the appointment of

## WEED AND COMPANY

as its National Representative.

Ŕ

NBC Affiliate

630 Kilocycles

ERATED BY: Same. BUSINESS ADDRESS: Tenth Floor, Midland Savings Bldg. PHONE: Tabor 2291. STUDIO ADDRESS: Same. TIME ON THE AIR: 1812 hours daily; Sundays. 17 hours. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: Associated Music Publishers, Lang-Worth, C. P. MacGregor.

## Personnel

President and General Manager	V	V. I	). Pyle
Station & Commercial Manager	. T.	C.	Ekrem
Program Director	. J.	E.	Finch
Sales Dept	.Co	n	Hecker
Publicity Director	). F	I. S	Stanton

## Coverage

	Daytime	Evening
Population—Primary	1,091,043	682,227
Radio Homes— "	229,430	151,430
Population-Secondary	227,437	134,983
Radio Homes— "	45,245	27,366

Source: U. S. Census: Joint Committee.

## Representative

Weed & Co.

## DURANGO-EST, 1935

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: San Juan Broadcasting Co., Inc. OPERATED BY: San Juan Broadcasting Co., Inc. BUSINESS ADDRESS: 2800 Main Ave. PHONE: 117. STUDIO ADDRESS: 2800 Main Ave. TRANSMITTER LOCATION: 2800 Main Ave. TIME ON THE AIR: 7:30 A.M. to 10:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Davis & Schwegler.

## Personnel

Station Manager.....Raymond M. Beckner 

## Coverage

	Daytime	Evening
Population—Primary	50,000	50,000
Radio Homes "	10,340	10,340
Population—Secondary	125,000	125,000
Radio Homes— "	30,000	30.000
0 5:11		••

Source: Field intensity survey and mail response analysis.

## GRAND IUNCTION-EST. 1926

MUTUAL BROADCASTING SYSTEM MOUNTAIN & PLAIN NETWORK

FREQUENCY: 1230 Kc. POWER: 250 Watts. OWNED BY: R. G. Howell and Chas. Howell doing business as Western Slope Broadcasting Co. OPERATED BY: Western Slope Broadcasting Co. BUSINESS ADDRESS: La Court Hotel. PHONE: Grand Junction 126. STUDIO AD-DRESS: La Court Hotel. TRANSMITTER LO-CATION: Hillcrest Manor. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. (100 hours weekly). NEWS SERVICE: United Press. TRANSCRIP-TION SERVICE: World Broadcasting System.

## Personnel

General ManagerRex	Howell
Commercial ManagerChas.	Howell
Traffic and Publicity ManagerAlice	Barber
Chief EngineerFred Men	denhall
Congress	

#### Loverage

Population—Primary	18,321
Radio Homes— "	13,204
Source: Field strength maggirome	-in

## GREELEY-EST, 1921

MUTUAL BROADCASTING SYSTEM MOUNTAIN & PLAIN NETWORK

FREQUENCY: 910 Kc. POWER: 1000 watts. OWNED BY: Mid-Western Radio Corp. OP-ERATED BY: Mid-Western Radio Corp. BUSI-NESS ADDRESS: 620 Eighth Ave. PHONE: 450-1. STUDIO ADDRESS: 620 Eighth Ave. TRANSMITTER LOCATION: Hoover Park. TIME ON THE AIR: 90 hours weekly. NEWS SERVICE: United Press.

## Personnel

President-	Station Mana	agerFran	cis Price
Program	Director	Dorothy	Baldwin
Production	Manager	Charles	W. Lang

## Coverage

	Daytime
Population—Primary	 983,170
Radio Homes— "	 230,180

#### Source: U. S. Census: Joint Committee. Representative

Furgason & Walker, Inc.

# KOKO

## LA JUNTA-EST. 1937

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: The Southwest Broadcasting Co. OPERATED BY: The Southwest Broadcasting Co. BUSINESS ADDRESS: La Junta. STUDIO ADDRESS: La Junia. TRANSMITTER LOCA-TION: La Junta. TIME ON THE AIR: 6:00 A.M. to 9:30 P.M. TRANSCRIPTION SERVICE: Standard Radio.

## Personnel

Station Manager..... Leonard E. Wilson

## LAMAR—EST. 1932

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: The Lamar Broadcasting Co. OPERATED BY: Lamar Broadcasting Co. BUSI-NESS ADDRESS: 129 W. Elm St. PHONE: 16. STUDIO ADDRESS: 129 W. Elm St. TRANS-MITTER LOCATION: Lamar. TIME ON THE AIR: 7:00 A.M. to 6:00 P.M. and 9:30 P.M. to 12:00 Midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.



## DIRECT ROUTE TO THE BEST MARKET IN THE WHOLE UNITED STATES

WTIC offers you a direct route to Connecticut and the rest of Southern New England—the richest market in the whole United States. And that's not just talk. Sales Management in its September, 1940 issue gave the cold, hard facts concerning this rich industrial and farming community.

For example, the per family annual effective buying income for Connecticut is estimated at \$3,423.00, the highest of any of the United States and 39%

above the national average. And all indications point to an even greater figure during the coming year.

What does all this mean? It means 39% more cash response to your advertising.

The impact of 50,000 Watts and the authority of more than 15 years as the favorite station of Southern New England makes WTIC the direct route for your sales message in this rich market.

# WTIC 50,000 WATTS

A "MUST" FOR A BIG JOB IN THE BIG SOUTHERN NEW ENGLAND MARKET

The Travelers Broadcasting Service Corporation, Member NBC Red Network and Yankee Network Representatives: Weed & Company, New York, Chicago, Detroit, San Francisco

## COLORADO-CONNECTICUT

## Personnel

# KGHF

PUEBLO-EST. 1928

NATIONAL BROADCASTING CO.
(BLUE & RED)

FREQUENCY: 1350 Kc. POWER: 500 waits. OWNED BY: Curtis P. Ritchie. OPERATED BY: Same. BUSINESS ADDRESS: Pueblo Savings & Trust Co. Bldg. PHONE: 3877. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: U. S. Highway No. 87. TIME ON THE AIR: Unlimited license. TRANSCRIPTION SERVICE: World Broadcasting System.

## Personnel

Owner.		P.	Ritchie
Station	ManagerJ.	H.	McGill

Commercial Manager.....Maxson I. Bevens Program Director........Fred Amos

## Representative

Howard H. Wilson Co.

## KGEK

STERLING-EST, 1926

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Elmer G. Beehler. OPERATED BY: Elmer G. Beehler. BUSINESS ADDRESS: Fleming Road. PHONE: 679. STUDIO ADDRESS: Same. TRANSMITTER LOCATION. Same. TIME ON THE AIR: 11:30 A.M. to 1:30 P.M. daily. and Tuesdays and Fridays 7:15 P.M. to 8:45 P.M.; Sunday. 11:00 A.M. to 12:15 P.M. and 2:30 P.M. to 3:30 P.M.

# CONNECTICUT

Population 1,709,242

Number of Radio Homes 410,790

Number of Families 446,717

Auto Registrations 480,000

For 1940 Census data, please turn to page 246

## WICC

BRIDGEPORT (New Haven)— EST. 1926

NBC-MBS-YANKEE AND COLONIAL NETWORKS

FREQUENCY: 600 Kc. POWER: 1000 watts. d.: 500 watts, n. OWNED BY: The Yankee Network, Inc. OPERATED BY: The Yankee Network, Inc. BUSINESS ADDRESS: 21 Brookline Ave., Boston, Mass. STUDIO ADDRESS: 1241 Main St., Bridgeport, PHONE: 6-1121. TRANSMITTER LOCATION: Pleasure Beach. TIME ON THE AIR: 6:00 A.M. to 2:00 A.M. NEWS SERVICES: International News Service, Yankee Network News Service. TRANSCRIPTION SERVICES: Associated Library. AFFILIATED with Yankee Network Artists' Bureau.

#### Personnel

President	.John Shepard 3rd
Station Manager	Joseph Lopez
Supervisor, New Haven	
Studios	Judson LaHaye
Sales Manager	Norman Whittaker
Publicity Director and	
Penaram Disactor	Florence Rallou

Musical Director......Gus Meyers, Jr.
Chief Engineer......Garo Ray

## Coverage

| Daytime | Evening | Population—Primary . . . . | 803,320 | 517,757 | Radio Homes — " . . . . | 184,764 | 119,064 | Source: Field instensity measurements.

## Representative

Edward Petry & Co., Inc.

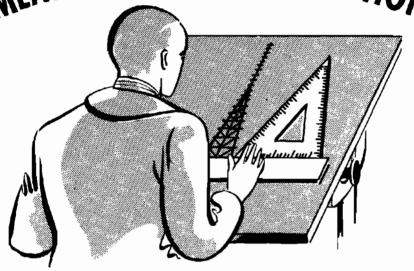
## WNAB\*

#### BRIDGEPORT—EST. 1941

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Harold Thomas. OPERATED BY: Harold Thomas. BUSINESS ADDRESS: Bridgeport. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited License.

#### Personnel

MEASURING A RADIO STATION



Choosing a radio station for "spot" business can be a measured procedure — as exact as a geometric formula.

To crystallize the formula, we give you a triangle. On one side, you have coverage. On the other, programs. And on the base of the

triangle, rate.

When you take all three factors into consideration, you inevitably get the right answer—and the right station.

In the Hartford Area—Connecticut's Major Market—the triangle has a very pointed story. You get all three—on WDRC.



# <u>WDRC</u>

CONNECTICUT'S PIONEER BROADCASTER

5,000 WATTS 18 HOURS DAILY BASIC CBS FOR CONNECTION

## WDRC

## HARTFORD-EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1360 Kc, POWER: 5000 watts. OWNED BY: WDRC, Inc. OPERATED BY: WDRC, Inc. BUSINESS ADDRESS: 750 Main St. PHONE: 7-1188-9. STUDIO ADDRESS: 750 Main St. TRANSMITTER LOCATION: Blue Hills Ave., Bloomfield. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. (daily); 8:00 A.M. to 1:00 A.M. (Sunday). NEWS SERVICE: United Press TRANSCRIPTION SERVICE: Associated.

#### Personnel

President and Station ManagerFranklin M. Doolittle
<del>-</del>
Commercial & Advertising
Manager
Program Director
Publicity DirectorJack Zaiman
Chief AnnouncerRay Barrett
Musical DirectorSterling V. Couch
Chief Engineer
Coverage
Population—Primary 548,109
Radio Homes— " 341,959
Source: Station survey.
Representative
Paul H. Raymer Co.
ruui II. Ildylliel CO.

## Robert C. Foster (Boston) WTHT

## HARTFORD-EST. 1936 MUTUAL-COLONIAL

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Hartford Times. OPERATED BY: Same. BUSINESS ADDRESS: 983 Main St. PHONE: 2-0237. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to Midnight; Sunday, 8:00 A.M. to Midnight, NEWSPAPER AFFILIA-TION: The Hartford Times. NEWS SERVICES: Associated Press. TRANSCRIPTION SERVICE: Lang-Worth, Standard Radio.

## Personnel

President	Francis S. Murphy
Station Manager	Cedric W. Foster
Commercial Manager	C. Glover Delaney
Program Director	.Laureat H. Martineau
Publicity Director	Bob Martineau
Chief Announcer	Jack Lloyd
Musical Director	Charlotte Kaufman
Chief Engineer	. Richard K. Blackburn
Cara	raao

Population—Primary	320,000
Radio Homes— "	87.000
Population—Secondary	250,000
Radio Homes— "	62,000

Source: Field intensity measurements.

## Representative

I. P. McKinney & Son

## WTIC

## HARTFORD-EST, 1925 NBC (RED)-YANKEE NETWORK

FREQUENCY: 1080 Kc. POWER: 50.000 Watts. OWNED BY: Travelers Indemnity Co. OPERATED BY: Travelers Broadcasting Service Corp. BUSINESS ADDRESS: 26 Grove St. PHONE: Hartford 2-3181. STUDIO ADDRESS: Same, TRANSMITTER LOCATION: Avon. TIME ON THE AIR: (Daily) 6:00 A.M. to 1:00 A.M.; (Sunday) 8:45 A.M. to 1:00 A.M. NEWS SERV-ICE: Transradio Press. TRANSCRIPTION SER-VICE: World Broadcasting System, Davis & Schwegler, Lang-Worth, Miller Transcription Tape.

#### Personnel

Station Manager	P. W. Morency
Sales Promotion Manager	
Sales Manager	Walter Johnson
Program Director	Thomas C. McCray
Publicity Director	G. Malcolm-Smith
Musical Director	Moshe Paranov
Chief Engineer	

## Carprago

e e e e e e e e e e e e e e e e e e e	
Population—Primary	2,573,810
Radio Homes— "	597,600
Population—Secondary	1,230,120
Radio Homes—"	289,490
France Pt. 11 to the	

Source: Field intensity measurements and mail response analysis; U. S. Census.

## Representative

Weed & Company (See Page 372)

# NBC

## NEW BRITAIN-HARTFORD— EST. 1935

NBC-BLUE

FREQUENCY: 1410 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: State Broadcasting Corp. OPERATED BY: State Broadcasting Corp. BUSINESS ADDRESS: 54 Pratt St., Hartford. PHONE: 7-9131. STUDIO AD-DRESS: 54 Pratt St., Hartford. TRANSMITTER LOCATION: Newington. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight; Sunday, 8:00 A.M. to 12:00 Midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated Library.

## Personnel

PresidentPatrick	i. Goode		
Vice-President	Lafount		
TreasurerF. V. C	Goldstein		
General ManagerRichard V	W. Davis		
Program Director	h Kanna		
Commercial Manager Laurence C. Ed	wardson		
Publicity DirectorMilton E	Berkowitz		
Chief AnnouncerJo	ick Lacy		
Traffic ManagerCrean	Patterson		
Chief Engineer	B. Holt		

## Coverage

	Daytime	Evening
Population—Primary	501,100	421.000
Radio Homes— "	124,200	104,450
Population-Secondary	1,008,500	626,100
Radio Homes— "	248,510	156,680
Source: Mail response	analysis	and field
intensity survey.	-	

## Representative

Headley-Reed Company

## NEW HĀVEN—EST. 1935

MBS-YANKEE & COLONIAL NETWORKS CONNECTICUT BROADCASTING SYSTEM FREQUENCY: 960 Kc. POWER: 1000 watts. OWNED BY: Patrick J. Goode. OPERATED BY: City Broadcasting Corp. BUSINESS AD-DRESS: 221 Orange St. PHONE: 8-1133. STUDIO ADDRESS: 221 Orange St. TRANS-MITTER LOCATION: Hamden, Conn. ON THE AIR: 7:00 A.M. to 12:05 A.M. (119 hours weekly). NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRAN-World Broadcasting SCRIPTION SERVICE: System.

#### Personnel

President	Patrick J. Goode
Manager	James T. Milne
Artists' Bureau Head	Marion Reynolds
Program Director	Charles H. Wright
Production Manager	Robert Fleming
News Editor	.William Dukeshire
Publicity Director	. Vincent E. Palmeri
Musical Director	Marion Reynolds
Chief Engineer	J. Gordon Keyworth

#### Coverage

Population—Primary	1,095,088
Radio Homes— "	262,090
Population—Secondary	818,351
Radio Homes— "	165,990
Source: Field strength measuremen	ıts.

## Representative

William G. Rambeau Co.

## NEW LONDON—EST, 1936 YANKEE-COLONIAL-MUTUAL

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Thomes Broadcasting Corp. OPERATED BY: Thames Broadcasting Corp. BUSINESS ADDRESS: Mohican Hotel. PHONE: New London 4900. STUDIO ADDRESS: Mohican Hotel. TRANSMITTER LOCATION: Winthrop Point. TIME ON THE AIR: 8:00 A.M. to Midnight. MAINTAINS ARTISTS BUREAU.

#### Personnel

President	L. Morey
Station Manager	. J. Morey
Commercial & Advertising	
ManagerIvon B	. Newman

Program Director-Artists' Bureau Head, Len Stevens

Publicity Director-Chief Announcer,

Ted Hodge Musical Director......Richard Benvenutl Chief Engineer......Francis C. Garuty

Coverage

	Daytime	Evening
Population—Primary	142,090	142,090
Radio Homes— "	35,516	35,516
Population—Secondary	32,240	
Radio Homes— "	8,059	

Source: Field intensity measurements (based on 100 watts); U. S. Census.

. .

## WATERBURY—EST. 1934

MITUAL-COLONIAL-YANKEE FREQUENCY: 1320 Kc. POWER: 250 walts. OWNED BY: WATR Co., Inc. OPERATED BY: WATR Co., Inc. BUSINESS ADDRESS: 71 PHONE: 3-5161. Grand St. STUDIO AD-DRESS: 71 Grand St. TRANSMITTER LOCA-TION: Baldwin Ave. TIME ON THE AIR: 8:00 A.M. to 12:00 Midnight. NEWS SERVICE: Yankee Network News Service. TRANSCRIP-TION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

## Personnel

President Station Manager Harold Thom	as
Commercial & AdvertisingSam Elm	œ
Chief AnnouncerJames Parl	10)
Publicity Director Foy Clo	ırk
Musical Director Edith La	cci
Chief EngineerJohn Bur	ke

## Coverage

	Daytime	Evening
Population—Primary	178,813	178,813
Population—Secondary	268,298	268,298
Source: Field intensity me	easuremen	ts.

## Representative Gene Furgason & Co.

# BRY

## WATERBURY-NEW HAVEN EST. 1934

CBS FREQUENCY: 1590 Kc. POWER: 5000 watts. OWNED BY: American-Republican, Inc. OP-ERATED BY: Same. BUSINESS ADDRESS: 136 Grand St., Waterbury-152 Temple St., New Haven. PHONE: Waterbury 3-1125-New Haven 7-1243. STUDIO ADDRESSES: Same. TRANSMITTER LOCATION: Prospect, Conn. TIME ON THE AIR: 111 hours weekly. NEWSPAPER AFFILIATION: Waterbury Republican and Waterbury American. NEWS SERVICE: Associated Press. TRANSCRIP. TION SERVICE: NBC Thesaurus.

## CONNECTICUT - DELAWARE

## Personnel

PresidentW. J. Pape
Station ManagerE. J. Frey
Program DirectorJack Henry
Commercial ManagerMurray L. Grossman
Publicity DirectorE. Christy Erk
Chief AnnouncerWalter Howard
Musical Director
Manager, New HavenHarry DeVorken

Program Director, New Haven.

Radia Homes— "

Scott Buckley

## Coverage

Population—Primary ...... 572,988 97,494 Population—Secondary ..... 276,026

56,813

Radio Homes— " Source: Field intensity survey.

Representative

Joseph Hershey McGillvra

# DELAWARE

Population 266,505

Number of Radio Homes 60,700

Number of Families 70.572

Auto Registrations 70,600

For 1940 Census data, please turn to page 246

## $\mathbf{W} \mathbf{D} \mathbf{E} \mathbf{L}$

WILMINGTON—EST. 1922

NBC (Basic Red) MASON-DIXON GROUP

FREQUENCY: 1150 Kc. POWER: 5000 watts. OWNED BY: WDEL, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 10th and King Sts. PHONE: 7268. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Governor Printz Boulevard. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth.

## Personnel

Station	Executive	Clair R.	McCollough
Station	Manager	J. Gora	nan Walsh
Program	Manager	Ho	rvey Smith
Publicity	Director	Rob	ert Roberts

## Coverage

	Daytime	Evening
Population—Primary	3.817.944	879,242
Radio Homes "	832,866	193,264
Source: U. S. Census; Jo	int Committe	ee; Field
intensity measurements; m	ail respons	e analy-
aia.		

## Representative

Paul H. Raymer Co.

# Any Time is *Profitable* Time on

1120 KC. — 1000 WATTS

NBC BASIC RED NETWORK-Covers Delaware. parts of Maryland, New Jersey, Penna.

Careful network and local programming assures our many advertisers a large audience in this rich sales territory. Evidence of sustained listener interest-more than 44,000 program letters received in 1940.

## WILM

# WILMINGTON—EST. 1922 MUTUAL BROADCASTING SYSTEM MASON-DIXON GROUP

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Delaware Broadcasting Co., Inc. OPERATED BY: Same. BUSINESS ADDRESS: 820 King St. PHONE: 7288. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Governor Printz Blvd. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Lang-Worth.

## Personnel

Station E	xecutiveClai	R.	McC	ollough
Station M	fanagerJ.	Go	man	Walsh
Program	Manager		Rober	t Kelly
Publicity	Director		lenry	Sholly
	<b>A</b> N			

Coverage

	Daytime	Evening
Population—Primary	541,467	319,810
Radio Homes— "	108,004	66,316
Source: U. S. Census; Join	nt Committ	ee: Field
intensity measurements; ma	ril respons	e analy-
sis.	-	

## Representative

Paul H. Raymer Co.

# DISTRICT OF COLUMBIA

Population 663.091 Number of Families 171,023 Number of Radio Homes 155,800 Auto Registrations 173,100

For 1940 Census data, please turn to page 246

## WINX

## WASHINGTON, D. C.—EST. 1940

FREQUENCY: 1340 Kc. POWER: 250 watts with 50-watt synchronized amplifier. OWNED BY: Lawrence J. Heller. OPERATED BY: Lawrence J. Heller. BUSINESS ADDRESS: 8th and Eye Sts., N. W. PHONE: Republic 8000. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 168 hours weekly. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

PresidentLawrence J. Heller
Station Manager
Sales Manager
Program DirectorFrank Owen
Production Manager Anson S. Carpenter, Jr.
Sales Promotion ManagerJack B. Creamer
Chief AnnouncerSam Lawder
Musical DirectorBob Callahan
Chief EngineerRalph E. Cannon, Jr.

## Representative

Radio Advertising Corp.

# WJSV

# WASHINGTON, D. C.—EST. 1926 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1500 Kc. POWER: 50,000 watts. OWNED BY: Columbia Broadcasting System. OPERATED BY: Columbia Broadcasting System. BUSINESS ADDRESS: 817 Earle Bidg. PHONE: Metropolitan 3200. STUDIO ADDRESS: 817 Earle Bidg. TRANSMITTER LOCATION: Wheaton, Md. TIME ON THE AIR: (daily) 6:00

A.M. to 1:00 A.M. (Sunday) 7:30 A.M. to 1:00 A.M. NEWS SERVICE: United Press, Associated Press. TRANSCRIPTION SERVICE: World Broadcasting System.

## Personnel

General Manager	A. D. Willard, Jr.
Commercial Manager	William D. Murdock
Sales Promotion Director.	John Heiney
Program Director	Lloyd W. Dennis, Jr.
Public Events Director	Ann Gillis
Publicity Director	Paul Glynn
Auditor	Harry R. Crow
Chief Engineer	Clyde Huni

Coverage\*

	Daytime	Evening
Population—Primary	958,500	801,200
Radio Homes— "	187,760	163,870
Population—Secondary	939,100	1,583,400
Radio Homes— "	154,020	267,230

\* Based on 10.000 watts; no data available for 50.000 watts; secondary figures are based on "regular listening" rather than "occasional listening."

Source: CBS Research Department.

Representative

# W M A L

WASHINGTON, D. C.—EST. 1925 NATIONAL BROADCASTING CO. (BASIC BLUE)

FREQUENCY: 630 Kc. POWER: 5000 watts. OWNED BY: M. A. Leese Radio Corp. OPER-ATED BY: National Broadcasting Co. BUSI-NESS ADDRESS: Radio Center, 724—14th St., N. W. PHONE: Republic 4000. STUDIO AD- DRESS: Same. TRANSMITTER LOCATION: 712 Eleventh St., N. W. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M., daily; 8:00 A.M. to 1:00 A.M., Sundays. NEWSPAPER AFFILIATION: Evening Star Newspaper, Inc. NEWS SERVICE: United Press, International News Service. Associated Press. TRANSCRIPTION SERVICES: NBC Thesaurus, Lang-Worth, Standard Radio, Associated.

#### Personnel

_ 0.0001
Vice-PresidentFrank M. Russell
General Manager
Assistant ManagerCarleton D. Smith
Assistant ManagerFred Shawn
Sales & Advertising Manager. John H. Dodge
Sales Promotion ManagerJ. M. Dinwiddie
Production SupervisorRoss Filion
Musical DirectorMorgan Baer
Chief Engineer

## Coverage

	Daytime	Lvening
Population—Primary	905,000	824.400
Radio Homes— "	201,200	190,400
Population—Secondary	704,900	153,100
Radio Homes— "	126,700	23,600
Source: NBC Statistical	Department.	

Representative

National Broadcasting Co., Inc.

## WOL

WASHINGTON, D. C.—EST. 1928

MUTUAL BROADCASTING SYSTEM—FREQUENCY: 1260 Kc. POWER: 1000 watts. OWNED BY: American Broadcasting Co. OPERATED BY: American Broadcasting Co. BUSINESS ADDRESS: 1627 K St. N.W. PHONE: Metro 0012-3-4. STUDIO ADDRESS: 1627 K St. N.W. TRANSMITTER LOCATION: Chillum, Md. TIME ON THE AIR: 24 hours daily; Sunday, 6:30 A.M. to 2:00 A.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: Associated Music Publishers, Lang-Worth, Standard Radio, Davis & Schwegler.

## Personnel

Vice-President-General	
Manager	W. B. Dolph
Sales Manager	James Fishback
Program Director	Madeline Ensign
Publicity Director	.Walter Knobeloch
Musical Director	Frank Blair
Chief Engineer	

## Coverage

	Daytime	Evening
Population—Primary	1,029,453	838,153
Radio Homes— "	221,580	186.470
Source: Field intensity	survey: U.	S. Cen-
sus: Ioint Committee.		

Washington's Only 24-Hour Station/

MUTUAL'S STATION FOR THE DISTRICT OF COLUMBIA 1627 K Street, Northwest, Washington, D. C. MEtropolitan 0010

## SIXTEENTH DECENNIAL CENSUS OF UNITED STATES

**RADIO HOMES** 

... LOWEST IN WASHINGTON!

AFFILIATED WITH MUTUAL BROADCASTING SYSTEM
National Representatives: INTERNATIONAL RADIO SALES

## WRC

# WASHINGTON, D. C.—EST. 1923 NATIONAL BROADCASTING CO. (BASIC RED)

FREQUENCY: 980 Kc. POWER: 5000 waits. OWNED BY: Notional Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Radio Center, 724—14th St., N. W. PHONE: Republic 4000. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: R.F.D. No. 1, Hyattsville, Md. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M., daily: 8:00 A.M. to 1:00 A.M., Sundays. NEWS SERVICE: United Press, International News Service, Associated Press. TRANSCRIPTION SERVICES: NBC Thesaurus. Standard Radio, Associated, Lang-Worth.

## Personnel

Vice-President	.Frank M. Russell
General Manager	K. H. Berkeley
Assistant Manager	.Carleton D. Smith
Assistant Manager	Fred Shawn
Sales & Advertising Manage	erJohn H. Dodge
Sales Promotion Manager	J. M. Dinwiddie
Production Supervisor	Ross Filion
Musical Director	Morgan Baer
Chief Engineer	A, E. Johnson

## Coverage

	Daytime	Evening
Population—Primary	1,102,000	802.100
Radio Homes—"	237,500	187,200
Population—Secondary	873,900	465,800
Radio Homes "	167.100	74,000
Source: NBC Statistical 1	Department.	

## Representative

National Broadcasting Co., Inc.

# WWDC

## WASHINGTON, D. C .-- EST. 1940

FREQUENCY: 1450 Kc. POWER: 250 watts with 100-watt amplifier. OWNED BY: Capital Broadcasting Co. OPERATED BY: Capital Broadcasting Co. BUSINESS ADDRESS: 1000 Connecticut Ave., N. W. PHONE: National 7203. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 61 Pierce St., N. E. BOOSTER LOCATION: East-West Highway, Montgomery County, Md. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight (119 hours weekly).

#### Personnel

President		anley	H. Horner
General Manage	rEdw	in M,	Spence

# FLORIDA

Population 1,897,414 Number of Families 519,436 Number of Radio Homes 354,980 Auto Registrations 495,000

For 1940 Census data, please turn to page 246

## WMFJ

## DAYTONA BEACH—EST. 1935 NBC-BLUE

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: W. Wright Esch. OPERATED BY: W. Wright Esch. OPERATED BY: W. Wright Esch. BUSINESS ADDRESS: 126½ agnolia Ave. PHONE: 91. STUDIO ADDRESS: 126½ Magnolia Ave. TRANSMITTER LOCATION: 126½ Magnolia Ave. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight: Sundays. 8:00 A.M. to 12:00 Midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth, Associated Music.

#### Personnel

Owner	W.	Wrig	hi	Esch
Station Manager	1	Billee	B.	Esch
Program Director		. Ray	C	lancy
Chief EngineerV	N.	K. Ell	len'	wood
Chief Engineer	W.	K. El	len	wood

## Coverage

Population—Primary	1 <b>98,895</b>
Radio Homes— "	37,844
Population—Secondary	305,381
Radio Homes— "	58.183
Source: Field intensity survey: Io	int Com-

Source: Field intensity survey; Joint Comittee; U. S. Census.

# WPER\*

## DE LAND-EST, 1941

FREQUENCY: 1310 Kc. POWER: 250 waits. OWNED BY: Tropical Broadcasting Co. OPERATED BY: Tropical Broadcasting Co. BUSINESS ADDRESS: De Land. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited license.

#### Personnel

President	Carl	E.	Raymond
Vice-President	<b>v</b> .	M.	Fountain
Secretary-Treasurer		W.	Н. Астее
"Station was ligared to	000		

"Station was licensed to operate under a construction permit at time of going to press and no further information was available.

## WFTL

## FORT LAUDERDALE—EST. 1939

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Tom M. Bryan. OPERATED BY: WFTL Broadcasting Co. BUSINESS ADDRESS: 2700 South Andrews Ave. PHONE: 1300-1 and 1799. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio, Associated Library.

## Personnel

Owner & OperatorTom	M. Bryan
General ManagerR.	M. Tigert
Assistant ManagerPerry	N. Bryan
Program-Publicity DirectorWilliam	M. Johns
Chief Announcer	on Moore
Chief EngineerFranci	is Carroll

## Coverage

	Daytime	Evening
Population—Primary	125,000	60,000
Radio Homes— "	40,000	10,000
Population—Secondary	175,000	65,000
Radio Homes— "	50,000	12,000
Source: Field strength su	rvev.	

# WFTM

## FORT MEYERS—EST. 1939

FLORIDA BROADCASTING SYSTEM FREQUENCY: 1240 Kc. POWER: 250 waits. OPERATED BY: Fort Meyers Broadcasting Co. OWNED BY: Fort Meyers Broadcasting Co. BUSINESS ADDRESS: 51 East 1st St. PHONE: 818. STUDIO ADDRESS: 51 East 1st St. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:15 A.M. to 10:00 P.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

Dracidan	1-Station	Manager

	William E. Benns, Jr.
Commercial Manager	Mrs. W. E. Benns, Jr.
Program Director	Margaret Williams
Publicity Director	Joe Ellis
Chief Announcer	Boyd Wood
Musical Director	Barbara Brady
Chief Engineer	Lewis Shea

## Coverage

	Winter	Summer
Population—Primary	94,250	86,500
Population—Secondary	82.200	75,300

# WRUF

#### GAINESVILLE—EST. 1928

FREQUENCY: 850 Kc. POWER: 5000 watts.
OPERATED BY: University of Florida. BUSINESS ADDRESS: University Campus. PHONE:
1000 Ext. 55. STUDIO ADDRESS: Same.
TRANSMITTER LOCATION: Same. TIME ON

THE AIR: 6:30 A.M. to sunset at Denver, Colo.; Sunday, 7:00 A.M. to sunset at Denver, Colo. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: World Broadcasting System, Lang-Worth,

#### Personnel

Director	H
Assistant to DirectorCharles W. Dudley, J	T.
Commercial ManagerFrancis Kearne	y
Publicity DirectorSam Foun	18
Office ManagerJohn L. Bern	y
Production ManagerAlvin Flanage	m
Musical DirectorElizabeth Te	w
Chief Engineer Dean Joseph We	iΙ

## Coverage

	Daytime
Radio Homes-Primary	29,614
Radio Homes-Secondary	137.878
Source: Field intensity survey.	

## Representative

Burn-Smith Company

# WJAX

JACKSONVILLE—EST. 1925
NATIONAL BROADCASTING CO.
BEOLIENCY: 930 Kg. POWER: 5000 w

FREQUENCY: 930 Kc. POWER: 5000 watts, d.: 1000 Watts, n. OWNED BY: City of Jacksonville. OPERATED BY: Same. BUSI-

# WJAX

JACKSONVILLE, FLORIDA

THE MUNICIPAL BROADCASTING STATION

NBC RED NETWORK

930 Kc.-Maximum Power 5000 Watts

Phone Jacksonville 5-5821

Representatives

John Blair & Co., New York. Chicago Detroit and West Coast H. E. Cummings, Southeast



NESS ADDRESS: No. 1 Broadcast Place, PHONE: 5-5821-2. STUDIO ADDRESS: Same. TRANS-MITTER LOCATION: Hyde Park Country Club. TIME ON THE AIR: (daily) 6:00 A.M. to 1:00 A.M. (Sunday) 8:00 A.M. to midnight. TRAN-SCRIPTION SERVICE: NBC Thesqurus.

## Personnel

Commissioner in Charge.... Thos. C. Imeson Station Manager and Chief Engineer......John T. Hopkins, III 

## Representative

John Blair & Co. Harry Cummings, Atlanta

## JACKSONVILLE—EST. 1940 NATIONAL BROADCASTING CO.

FREQUENCY: 1320 Kc. POWER: 250 watts. OWNED BY: The Metropolis Co. OPERATED BY: Same. BUSINESS ADDRESS: 500 Laura St. PHONE: 57610, STUDIO ADDRESS: 500 Laura St. TRANSMITTER LOCATION: Read and Alamo St. TIME ON THE AIR: 18 hours daily.

NEWSPAPER AFFILIATION: Jacksonville Journal. NEWS SERVICE: Associated Press. TRAN-SCRIPTION SERVICE: World Broadcasting System.

#### Personnel

President	.John H. Perry
Station Manager	I. G. Wells, Jr.
Sales Manager	I. M. Koger
Program Director Jo	mes W. Young
Publicity Director	Speed Veal
Chief Announcer	Jack Rathbun
Musical Director	Fred Maurie
Chief Engineer	B. Hayford

## Representative

John H. Perry Associates

# WMBR

IACKSONVILLE—EST. 1933 COLUMBIA BROADCASTING SYSTEM FLORIDA BROADCASTING SYSTEM

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Fla. Broadcasting Co. OPERATED BY: Fla. Broadcasting Co. BUSINESS AD-DRESS: 118 West Adams St. PHONE: 5-4387-8. STUDIO ADDRESS: 118 West Adams St. TRANSMITTER LOCATION: Foot of Vine and Massachusetts Sts. TIME ON THE AIR: 6:30 A.M. to midnight. NEWS SERVICE: United

#### Personnel

PresidentFrank King
Secretary-Treasurer
Chief Announcer
Chief Engineer

## Coverage

	Daytime	Evening
Population—Primary	196,835	196,835
Radio Homes "	35,500	35,500
Population—Secondary	337,172	337,172
Radio Homes "	38,800	38,800
Source: Department of Commerce.		

## Representative

Paul H. Raymer Co.

## WLAK

## LĀKELĀND—EST. 1936

NATIONAL BROADCASTING CO. FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: Lake Region Broadcasting Co. OPERATED BY: Lake Region Broadcasting Co. BUSINESS ADDRESS: P. O. Box 1211. STUDIO ADDRESS: Shore Acres, East Lime St. PHONE: 2127. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. TRAN-SCRIPTION SERVICE: Davis & Schwegler.

## Personnel

President	J. E. P. Marchant
Station Manager	Bert Arnold
Sales Manager	D. M. Brown
Commercial Manager	James H. Jones
Program Director	.Gordon Fletcher
Musical Director	Elvan B. Wilson
Chief Engineer	Powell Hunter

## Coverage

	Daytime	Evening
Population—Primary	101,000	101,000
Radio Homes "	14,234	14.234
Population—Secondary .	265,000	265,000
Radio Homes— "	28,956	28,956
Source: Joint Committee:	II S. Car	12112

## Representative

John Blair & Co.

## MIAMI-EST, 1926

NATIONAL BROADCASTING CO.

FREQUENCY: 610 Kc. POWER: 5000 watts. OWNED BY: Isle of Dreams Broadcasting Co. OPERATED BY: Isle of Dreams Broadcasting Co. BUSINESS ADDRESS: 600 Biscayne Blvd., News Tower. PHONE: 3-6444. STÚDIO AD-DRESS: 600 Biscayne Blvd., News Tower. TRANSMITTER LOCATION: 79th St., Biscayne Bay. TIME ON THE AIR: 6:30 A.M. to 1:00 A.M., daily; 8:00 A.M. to 12:00 Midnight, Sunday. NEWSPAPER AFFILIATION: Miami Daily News. NEWS SERVICE: United Press, International News Service, Associated Press. TRANSCRIPTION SERVICE: NBC Thesaurus. Associated Library.

WHERE THE NATION COMES TO PLAY

# MIAMI BEACH

🤍 FLORIDA 🥒

AND

# WKAT

GIVE YOU

THE MARKET WHERE

PEOPLE WITH MONEY

SPEND THEIR VACATIONS



MIAMI BEACH, FLORIDA

UNITED PRESS NEWS • NBC BLUE AFFILIATE

### Personnel

President	.D. J. Mahoney
Secretary-Treasurer	. Ross A. Reeder
Station Manager	Arch Robb
Commercial Manager	S. A. Vetter
Promotion Manager	Frank Jaffe
Production Manager	Charles Green
Musical Director	Clark Fiers
Chief Engineer	Milton C. Scott Jr.
Conome	_

 Coverage

 Population—Primary
 450,753

 Radio Homes—"
 138.000

Population—Secondary 79,711
Radio Homes— 21,348
Source: Joint Committee: 1940 U. S. Census.

## Representatives

George P. Hollingbery Co. Harry S. Cummings, Jacksonville and Atlanta

# WQAM

MIAMI—EST. 1921
COLUMBIA BROADCASTING SYSTEM

FLORIDA BROADCASTING SYSTEM FREQUENCY: 560 Kc. POWER: 1000 watts. OWNED BY: Miami Broadcasting Co. OPERATED BY: Miami Broadcasting Co. BUSINESS ADDRESS: Postal Bldg. PHONE: 26121. STUDIO ADDRESS: Postal Bldg. TRANSMITTER LOCATION: Biscayne Bay at 14th St. TIME ON THE AIR: 6:30 A.M. to midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

## Personnel

President and General	
ManagerFred V	V. Borton
Advertising ManagerNorman	MacKay
Program Manager	McGuire
Sales ManagerFr	ed Mizer
Chief EngineerEuge	ne Rider
Congrago	

## Coverage

Population—Primary	420,861
Radio Homes— "	93,350
Population—Secondary	471,758
Radio Homes— "	104 350

Source: Field intensity survey.

# Representative John Blair & Co.

# WKAT

MIAMI BEACH—EST. 1937 NATIONAL BROADCASTING CO.

FREQUENCY: 1360 Kc. POWER: 1000 watts. OWNED BY: A. Frank Katzentine. OPERATED BY: Same. BUSINESS ADDRESS: 1759 N. Bay Rd. PHONE: 5-7471. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated Music Library.

## Personnel

Owner
General ManagerJohn C. McCloy
Sales Manager
Business ManagerA. Wampler
Publicity DirectorO, Revelle
Musical DirectorBetty Lee Taylor
EngineersTom Magee, Arthur Smith

## WTMC

OCALA—EST. 1939

NATIONAL BROADCASTING CO. FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Ocala Broadcasting Co. OPER. ATED BY: Ocala Broadcasting Co. BUSINESS ADDRESS: Ocala. STUDIO ADDRESS: Anthony and Henry Sts. PHONE: 128. TRANSMITTER LOCATION: 1 Broadcast Place. TIME ON THE AIR: Unlimited License: actual, 7:00 A.M. to 11:00 P.M. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

## Personnel

President	John T. Alsop, Jr.
General Manager	Hal Davis
Commercial Manager	Helen Davis
Program Director	Lester Weil
Production Manager	Ethel London
Artists' Bureau Head-Musical	Director,
Ch	males Reserved In

Chief Announcer ... Al Jennings
Chief Engineer ... Bradley Overton

#### Coverage

	Daytime
Population—Primary	45,576
Radio Homes— "	10,112
Source: Station survey.	

## Representatives

John H. Perry Associates

# RADIO DAILY READERS ARE EVERYWHERE

## WDBO

## ORLANDO-EST. 1924

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 580 Kc. POWER: 5000 watts. OWNED BY: Orlando Broadcasting Co., Inc. OPERATED BY: Orlando Broadcasting Co., Inc. OPERATED BY: Orlando Broadcasting Co., Inc. BUSINESS ADDRESS: Ft. Gatlin Hotel. 563 N. Orange Ave., PHONE: 6181-5957. STUDIO ADDRESS: Ft. Gatlin Hotel. 563 N. Orange Ave., Deland. TRANSMITTER LOCATION: Dubsdread Country Club. Near Fairville, Fla. TIME ON THE AIR: (daily) 6:30 A.M., to 12:05 A.M.; (Sunday) 7:00 A.M. to 12:05 A.M. NEWS SERVICE: United Press. MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICE: World Library.

World Library.	Box 1272. STUDIO ADDRESS: Angebilt Hotel. PHONE: 2-1061. TRANSMITTER LOCA-
Personnel	TION: Orlando. TIME ON THE AIR: 6:30 A.M.
President	
Local Advertising ManagerJ. M. Pedrick	Personnel
Educational Director-Chief Announcer,	President-General Manager,
W. Gage McBride	George A. Hazelwood
Publicity Director Charles Batchelder	Commercial-Program Manager,
Program DirectorRalph Rogers	John VanCronkhite
Musical Director	Publicity Director
Artists' Bureau HeadRobert Willard	Chief AnnouncerBob Caffey
Chief Engineer	Chief Engineer

# A Blanket in Florida? SURE! WNR

ORLANDO

Coverage

Representative

Paul H. Raymer Company

ORI.ANDO—EST. 1940

OWNED BY: Hazelwood, Inc. OPERATED BY:

Hazelwood, Inc. BUSINESS ADDRESS: P. O.

FREQUENCY: 1230 Kc. POWER: 250 watts.

Population—Primary ....

Radio Homes— " .....

Radio Homes- " . . . . . .

Source: Field intensity survey.

Population—Secondary

Daytime

510,960

75,400

274,206

45,500

Evening

275,541

39,100

81,800

509,625

RADIO BLANKET OF THE SUN EMPIRE 5000 Watts—DAY & NIGHT—580 Kcs.

1/2 FLORIDA

AREA

BUYING POWER

POPULATION

Lowest Cost Response—Tops in Florida Radio Power

Representative: Paul H. Raymer--New York, Chicago, Los Angeles

## Coverage

	Daytime	Evening
Population—Primary	90.000	78,000
Population—Secondary	275.543	135,000
Source: Chamber of Com	merce.	

## WDLP

## PANAMA CITY-EST. 1939

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Panama City Broadcasting Co. OPERATED BY: Panama City Broadcasting Co. OPERATED BY: Panama City Broadcasting Co. ADDRESS: Panama City. STUDIO ADDRESS: First and Mercer Sts. PHONE: 777. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 15 hours daily: 102 hours weekly. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: World Broadcasting System.

## Personnel

President
Station ManagerBraden Ball
Commercial ManagerFred RaBell
Program-Musical DirectorFred Phillips
Chief Engineer Eddie Pierce

## Coverage

	Daytime	Evening
Population—Primary	50,000	20,000
Radio Homes— "	10.000	7,500
Population—Secondary	200,000	70,000
Radio Homes— "	75,000	50,000
Source: Mail response su	rvey; U. S	. Census.

# Representative John H. Perry Associates

# WCOA

# PENSACOLA—EST. 1926 NATIONAL BROADCASTING COMPANY FLORIDA STATE NETWORK

FREQUENCY: 1370 Kc. POWER: 1000 watts, d.: 500 watts, n. OWNED BY: Pensacola Broadcasting Co. OPERATED BY: Pensacola Broadcasting Co. BUSINESS ADDRESS: San Carlos Hotel. PHONE: Pen 4111. STUDIO ADDRESS: San Carlos Hotel. TRANSMITTER LOCATION: Pensacola Bay Ridge. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight; Sundays, 8:00 A.M. to 12:00 Midnight. (18 hours daily: 125 hours weekly). NEWSPAPER AFFILIATION: News-Journal Co. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

PresidentJohn H. Perry
General Manager
Commercial ManagerBill Helie
Program Director
Sales Promotion Manager Tames Larkin

Publicity Director	Charles	Sullivan
Continuity Director	. Dorothy E	Eastman
Musical Director	Ray	Rogers
Chief Engineer	Ber	t <b>Mead</b>

## Coverage

Population—Primary	162,500
Radio Homes— "	21,026
Population—Secondary	258,700
Radia Homes— "	35,380

Source: Joint Committee; station survey.

## Representative

John H. Perry Associates

# WFOY

COLUMBIA BROADCASTING SYSTEM FLORIDA BROADCASTING SYSTEM ST. AUGUSTINE—EST. 1936

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Fountain of Youth Properties, Inc. OPERATED BY: Fountain of Youth Properties. Inc. BUSINESS ADDRESS: Fountain of Youth Park, St. Magnolia St. PHONE: 1400. STUDIO ADDRESS: Fountain of Youth Park, St. Magnolia St. TRANSMITTER LOCATION: Fountain of Youth Gardens. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWS SERVICE: United Press.

### Personnel

President-Station Manager. Glenn Marshall, Jr.
Sales ManagerFrank King
Commercial Manager John H. Cummins
Program Director
Chief EngineerPat Bernhard
Company

#### Coverage

Population—Primary								25,902
Radio Homes "								20,488
Population—Secondary	,							113,721
Radio Homes "								89,839

## Representative Paul H. Raymer Co.

# WTSP

## ST. PETERSBURG-EST. 1939

FREQUENCY: 1380 Kc. POWER: 1000 watts, d.; 500 watts, n. OWNED BY: Pinellas Broadcasting Co. OPERATED BY: Pinellas Broadcasting Co. BUSINESS ADDRESS: 4th St., North at 35th Ave. STUDIO ADDRESS: 4th St., North at 35th Ave. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight. (1712 hours daily; 1412 hours Sunday). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System, C. P. MacGregor. MAINTAINS ARTISTS' BUREAU.

## Personnel

President	Nelson Poynter
General Manager	Ovelion Maxey
Program Director	Coburn Gum

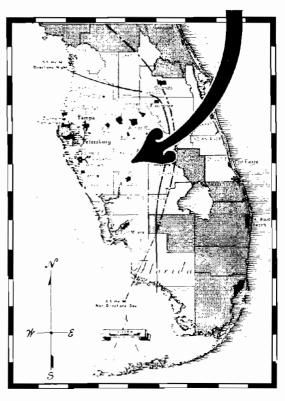
# We've Got Salt Water Here Too! And It Leads Direct to Florida's Largest, Richest Market

# WSUN

Since 1927 the ESTAB-LISHED RADIO PRO-GRAM SERVICE for West Coast and Central Florida . . . Tampa and St. Petersburg

# Now FULL TIME 5000 WATTS 620 KC NBC Blue

WSUN's transmitter was ONE OF THE FIRST to utilize the superior transmission benefits of a location on SALT WATER. 620 kilocycles carries YOUR program to ALL of this rich market.



Engineering field measurements by McNary and Chambers, Sept. 1940

FLORIDA LEADS ALL STATES: Earlies' census figures give FLORIDA a 29.2% increase ... leading ALL OTHER STATES. WSUN's "airea" enjoys more than its share of this increase BONUS LISTENERS TOO! During certain winter and spring months a conservative estimate gives you at least DOUBLE normal listening audience due to the tremendous numbers of seasonal residents. Radio is their most important personal diversion. They're all well above average buying power.

## WSUN

BUSINESS OFFICES AND STUDIOS: RECREATION PIER, ST. PETERSBURG, FLORIDA LOUIS J. LINK, General Manager

Represented by

## INTERNATIONAL RADIO SALES

NEW YORK CHICAGO SAN FRANCISCO

Continuity Director	ck Swift
Coverage	
Population—Primary	64,63B
Radio Homes— "	17,420
Population—Secondary	205,988
Radio Homes— "	40.100
Source: Field intensity survey.	

## WSUN

## ST. PETERSBURG—EST. 1927 NATIONAL BROADCASTING CO.

FREQUENCY: 620 Kc. POWER: 5000 watts. OWNED BY: City of St. Petersburg. OPERATED BY: City of St. Petersburg. BUSINESS ADDRESS: Municipal Pier. PHONE: 4747. STUDIO ADDRESS: Municipal Pier. TRANSMITTER LOCATION: Bayview-Clearwater, Fla. TIME ON THE AIR: 6:30 A.M. to 1:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated Music Publishers.

## Personnel

Station ManagerLouis J. Link
Sales ManagerJerry Wigley
Program Director-Chief Announcer, Fred Daiger
Production ManagerMaurice Hayes
Public Relations DirectorJoe Frohock
Director of Women's ActivitiesRuth Clark
Musical Director Edith Ginn
Sales Promotion ManagerGenevieve Burke
Chief EngineerTom Herrin

## Coverage

Population—Primary	460,691
Radio Homes— "	82,730
Population—Secondary	198,763
Radio Homes—"	34.790

## Representative

International Radio Sales

# WSPB

### SARASOTA—EST. 1939

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: WSPB, Inc. OPERATED BY: WSPB, Inc. OPERATED BY: WSPB, Inc. BUSINESS ADDRESS: City Island, Sarasota. STUDIO ADDRESS: City Island. PHONE: 2541. TRANSMITTER LOCATION: City Island. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio, World Broadcasting System.

#### Personnel

President-Station Manager	Frank S. Lane
Vice-President	Ken Flenniker
Treasurer	S. C. Hutcheson
Commercial Manager	Fred Temple

## Coverage

Radio Homes—Primary...... 61,520

## WTAL

## TALLAHASSEE—EST. 1935

FLORIDA NETWORK

FREQUENCY: 1340 Kc. POWER: 250 waits. OWNED BY: Florida Capitol Broadcasters, Inc. OPERATED BY: Same. BUSINESS ADDRESS: P. O. Box 989. STUDIO ADDRESS: Thomasville Highway. PHONE: 2160, 2161-W. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. (117 hours weekly). NEWSPAPER AFFILIATION: Highlands County Pilot, Scenic Highlands Sun (Avon, Fla.). MAINTAINS ARTISTS' BUREAU. TRANSCRITION SERVICE: Lang-Worth.

#### Personnel

President	Gilbert	Freeman
Station Manager	. William	C. Wyatt
Program DirectorMi	ildred E.	Williams
Chief EngineerWilliam	n A. Sno	wden, Jr.

## Coverage

	Daytime	Evening
Population—Primary	100,000	25,000
Radio Homes— "	32,000	10,000
Population—Secondary .	350,000	
Radio Homes "	125,000	
Carres, Mail and talanks		:-

Source: Mail and telephone analysis.

## Representative Adams & Adams

# WDAE

## TAMPA—EST. 1922 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1250 Kc. POWER: 5000 watts, OWNED BY: Tampa Times Company. OPERATED BY: Tampa Times Company. BUSINESS ADDRESS: 114 N. Franklin St. PHONE: N-1818. STUDIO ADDRESS: Tampa Terrace Hotel. TRANSMITTER LOCATION: Forest Hills Country Club, Area. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATION: Tampa Daily Times. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

President	David E. Smiley
Vice-President	Ralph Nicholson
Station Manager	L. S. Mitchell
Program Director	Kenneth W. Skelton
Publicity Director	J. F. Smiley
Musical Director	M. E. Plattner
Chief Engineer	William Pharr Moore

## Coverage

	Daytime	Evening
Population—Primary	343,600	416,500
Radio Homes- "	59,460	146,500
Population—Secondary .	210,100	70,910
Radio Homes- "	29.650	18,950

Source: CBS survey.

## Representative

Paul H. Raymer Co.

## WFLA

TAMPA—EST, 1925

NATIONAL BROADCASTING CO. ORANGE NETWORK

FREQUENCY: 970 Kc. POWER: 5000 watts, d.: 1000 Watts, n. OWNED BY: Fla. West Coast Broadcasting Co., Inc. OPERATED BY: Fla. West Coast Broadcasting Co., Inc. BUSI-NESS ADDRESS: Tarr Bldg., Tampa. PHONE: Tampa H 1828; Clearwater 2754. STUDIO ADDRESS: Tarr Bldg., Tampa. TRANSMITTER LOCATION: Bayview. TIME ON THE AIR: 6:45 A.M. to Midnight, NEWSPAPER AFFILIA-TION: Tampa Tribune, NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRAN-SCRIPTION SERVICE: NBC Thesaurus.

## Personnel

President	
Vice-President-General Mar	ager,
	W. Walter Tison
Local Sales Manager	Melvin A. Meyer
Artists' Bureau Head	Frank Grasso
Program Director	Paul Jones
Publicity Director	Ronnie Rogers
Musical Director	
Chief Engineer	Joe Mitchell

# TEST

NEXT SUMMER'S merchandising and advertising plan NOW . . . in Palm Beach.

"The Voice of the Palm Beaches" West Palm Beach, Florida

AFFULLITED WITH THE COLUMBIA BROADCASTING SYSTEM

## Coverage

Population—Primary	561,000
Radio Homes— "	111,000
Population—Secondary	515,860
Radio Homes— "	83,500
Source: Station survey.	

## Representative

John Blair & Co.

## WKGA

TAMPA—EST, 1941

FREQUENCY: 940 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: The Tribune Company. OPERATED BY: The Tribune Co. BUSINESS ADDRESS: Tribune. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited license. NEWSPAPER AFFILIATION: Tampa Tribune.

## Personnel

Chairman of Board	John S. Bryan
President-Treasurer	S. E. Thomason
Vice President-Secretary	J. S. Mims
Assistant Secretary	.George O. Webb

\*Station was licensed to operate under a construction permit at time of going to press and no further information was available.

## WIND

WEST PALM BEACH—EST. 1936 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: WINO, Inc. OPERATED BY: WINO, Inc. BUSINESS ADDRESS: P. O. Box 189. PHONE: 3638-9. STUDIO ADDRESS: 1415 Okeechobee Road. TRANSMITTER LOCATION: 1415 Okeechobee Road. TIME ON THE AIR: 6:30 A.M. to Midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

## Personnel

Presiden	l	Laura O'Brien
General	Manager	Stephen Willis
Program	Director	Vernon Crawford
Chief En	gineer	John Moore

## Coverage

Population—Primary	80,000
Radio Homes— "	16,000
Source: Station survey.	,

## Representative

Weed & Company

# GEORGIA

Population 3,123,723

Number of Radio Homes 396,240

Number of Families 750,633

Auto Registrations 503,599

For 1940 Census data, please turn to page 247

# WALB\* ALBANY—EST. 1941

FREQUENCY: 1260 Kc. POWER: 1000 watts. OWNED BY: Herald Publishing Co. OPERATED BY: Herald Publishing Co. BUSINESS ADDRESS: Albany. STUDIO ADDRESS: 2½ miles north of Albany on Dixie Highway. TRANSMITTER LOCATION: Albany. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATION: Albany Herald.

## Personnel

President	H. T.	McIntosh
General Manager	Edwar	d J. Lord
*Station was licensed to	operate	under a
construction permit at time	of going	to press
and no further information w	ras avai	lable.

## W G P C ALBANY—EST. 1934

FREQUENCY: 1590 Kc. POWER: 250 watts. OWNED BY: Albany Broadcasting Co. OPERATED BY: J. W. Woodruff, Sr. BUSINESS ADDRESS: 127½ N. Jackson St. PHONE: 1371. 1370. STUDIO ADDRESS: 127½ N. Jackson St. TRANSMITTER LOCATION: Gillionville Rd. (2 miles west of Albany). TIME ON THE AIR: 5:00 A.M. to 10:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Lang-Worth, World Broadcasting System.

## Personnel

PresidentJ. V	V. Woodruff, Sr.
General ManagerJ.	W. Woodruii, Jr.
Resident Manager	A. T. Spies
Program Director	Jerry Winters
Production Manager-Publicity	Director,

Billie Poole Chief Engineer.....O. E. Johnson

## Coverage

Population—Primary	460,500
Radio Homes— "	31,875
Population—Secondary	480,349
Radio Homes— "	22.172

Source: U. S. Census; station estimate.

## Representative

International Radio Sales

# WGAU

ATHENS-EST. 1938

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: J. K. Patrick & Co. OPERATED BY: J. K. Patrick & Co. BUSINESS ADDRESS: Bobbins Mill Road. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight. NEWS-PAPER AFFILIATION: Athens Banner-Herald. TRANSCRIPTION SERVICE: Standard Radio.

## Personnel

Manager-Chief Engineer ...... M. C. Gorman Program Director ...... Bill Evans

# WAGA

## ATLANTA-EST. 1937

NBC--(BLUE)

FREQUENCY: 1480 Kc. POWER: 1000 watts, d.; 500 Watts, n. OWNED BY: Liberty Broadcasting Co. OPERATED BY: Liberty Broadcasting Corp. BUSINESS ADDRESS: Western Union Bldg. PHONE: Main 5101-3. STUDIO ADDRESS: Western Union Bldg. TRANSMITTER LOCATION: East Atlanta. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

President
General Manager
Sales ManagerMaurice C. Coleman
Program Director
Chief Engineer
Coverage

 Population—Primary
 436.195

 Radio Homes—"
 87.160

 Population—Secondary
 208.869

 Radio Homes—"
 17.070

Source: Station survey.

Representative

John Blair & Co.

# WATI

## ATLANTA-EST. 1931

MUTUAL BROADCASTING SYSTEM GEORGIA BROADCASTING SYSTEM

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: J. W. Woodruif, Trustee as Atlanta Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 26 Cain St., N. W. PHONE: Walnut 4377-8. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 26 Cain St., N. W. TIME ON THE AIR: 6:00 A.M. to 1:05 A.M. (all night Sat.). NEWS SERVICE: International News Service TRANSCRIPTION SERVICE: World Broadcasting System, Davis & Schwegler, Lang-Worth.

THE ATLANTA JOURNAL STATION





POWER
PROGRAMS
PUBLICITY



THE NOICE OF THE SOUTH

50,000 WATTS - NBC-RED - CLEAR CHANNEL

EDWARD PETRY & CO., INC.—National Representatives

## Personnel

President	J.	W.	Woodruff
Sales Promotio nManager		. Jam	es Knight
Program-Musical Director		1	Cen Keese
Production Manager		Al	len Parks
Publicity Director	1	Barn	ey Oakes
Chief Announcer		Ju	lian Flint
Musical Director		1	Ken Keese
Chief Engineer	J	im	Comer Jr.
~			

Coverage

 Population—Primary
 496,000

 Radio Homes—"
 89,000

 Population—Secondary
 372,500

 Radio Homes—"
 37,800

Source: Mail response analysis.

Representative

International Radio Sales

## WSB ATLANTA—EST. 1922

NTA-E51. 1922

NBC—RED
FREQUENCY: 750 Kc. POWER: 50,000
Watts. OWNED BY: Atlanta Journal Co.
OPERATED BY: Atlanta Journal Co. BUSINESS
ADDRESS: Biltmore Hotel. PHONE: Hemlock
1045. STUDIO ADDRESS: Biltmore Hotel.
TRANSMITTER LOCATION: Near Tucker, Ga.
TIME ON THE AIR: Daily, 5:30 A.M. to 12:30
P.M.: Sunday, 7:00 A.M. to 12:00 Midnight.
NEWS PAPER AFFILIATION: Atlanta Journal.
NEWS SERVICE: Associated Press, United
ress. TRANSCRIPTION SERVICE: C. P. Macgregor, Lang-Worth.

### Personnel

Manager
Program DirectorRoy McMillen
Production Manager Marcus Bartlett
Sales Promotion ManagerLoris S. Myers
Artists' Bureau HeadJohn Lair
Publicity Director
Farm DirectorBill Prance
Musical DirectorEarl Landis
Chief Engineer

Coverage

	Dayume	rvening
Population—Primary	1,567,500	1,836,700
Radio Homes— "	247,500	249,830
Population—Secondary	3,170,400	9,730,700
Radio Homes—"	399,530	1,370,100
Source: NBC area surve	y: Consum	er Market
Data Hand Book.	-	

## Representative

Edward Petry & Company

## WGAC AUGUSTA—EST. 1940

FREQUENCY: 1240 Kc. POWER: 250 waits.

OWNED BY: Twin States Broadcasting Co.

OPERATED BY: Twin States Broadcasting Co.

BUSINESS ADDRESS: Augusta. PHONE:

2-2692-3. STUDIO ADDRESS: Same. TRANS-MITTER LOCATION: Sand Bar Ferry Road. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight: Sundays, 8:00 A.M. to 12 midnight. NEWSPAPER AFFILIATION: Augusta Herald. NEWS SERVICE: Associated Press. TRAN-SCRIPTION SERVICE: Associated.

## Personnel

President	Kennedy
General Manager	B. Fugua
Program DirectorJohn W.	Walkins
Chief Engineer	lungesser

#### Coverage

	Daytime	Evening
Population—Primary	120,000	80,000
Radio Homes— "	25,000	20,000
Source: Field intensity	survey.	

Representative

# Headley-Reed Co.

AUGUSTA—EST. 1940

COLUMBIA BROADCASTING SYSTEM GEORGIA MAJOR MARKET TRIO

FREQUENCY: 920 Kc. OWER: 5000 watts, d.; 1000 Watts, n. OWNED BY: Georgia School of Technology. OPERATED BY: Southern Broadcasting Stations, Inc. BUSINESS ADDRESS: Forsyth Bldg. PHONE: Walnut 8441. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Cheshire Bridge Road. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

.....C. H. Calhoun

President ..

Traceurar

110030101	E. J. WILLIAMS
National Sales-Promotion Man	ager,
	Frank Gaither
Program Director	John Fulton
Production Director	Don Naylor
Publicity Director	Mike Clarke
Musical Director	Lola Wallace
Chief Engineer	Res Akerman

## Coverage

Population—Primary		705,977*
Radio Homes—"		112,270*
Source: Field inten	silv measureme	ents based

on 0.5 milivolt signal.

Representative
The Katz Agency

# WMWH\* AUGUSTA—EST. 1941

FREQUENCY: 1450 Kc. POWER: 250 Watts. OWNED BY: W. Montgomery Harrison, OPER-ATED BY: W. Montgomery Harrison, BUSINESS ADDRESS: Augusta.

\*Station was licensed to operate under a construction permit at time of going to press.

## WRDW

AUGUSTA-EST. 1930

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1490 Kc. POWER: 250 waits. OWNED BY: Augusta Broadcasting Co. OPERATED BY: Augusta Broadcasting Co. BUSINESS ADDRESS: 10th & Broad Sts. PHONE: 2-8805. STUDIO ADDRESS: 10th & Broad Sts. TRANSMITTER LOCATION: Buena Vista Ave., North Augusta, S. C. TIME ON THE AIR: 6:00 A.M. to Midnight: Sunday, 8:00 A.M. to Midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus. MAINTAINS ARTISTS' BUREAU.

#### Personnel

President Arthur Lucas
Station Manager
Sec. & TreasF. J. Miller
Program DirectorCharles Walters
Sales ManagerThurston Bennet
Publicity DirectorJ. Marion Harman
Musical DirectorPaul Reed
Chief Engineer

Coverage

	Daytime	Evening
Population—Primary	285,701	141,264
Radio Homes— "	30,100	19,530
Population—Secondary .	428,791	144,437
Radio Homes— "	37,700	10,570
Source: Mail response a	nalysis.	

Representative
Burn-Smith Co.

## W M O G BRUNSWICK—EST. 1939

FREQUENCY: 1490 Kc. POWER: 250 waits. OWNED BY: Coastal Broadcasting Co. OPERATED BY: Coastal Broadcasting Co. BUSINESS ADDRESS: Brunswick. STUDIO ADDRESS: Same. TRANSMITTER LOCATION. Brunswick. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

President
General Manager Kenneth E. White
Program DirectorLeon Lloyd
Chief AnnouncerTom Gilchrist
Chief Engineer Herman Lange

# WRBL

COLUMBIA BROADCASTING SYSTEM

GEORGIA BROADCASTING SYSTEM FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: The Columbus Broadcasting Co., OPERATED BY: Same. BUSINESS ADDRESS: 1420 2nd Ave. PHONE: 4300-1-2. STUDIO ADDRESS: Same. TRANSMITTER LO.

CATION: 15th Ave.—30th St. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M.; Sundays, 8:00 A.M. to 11:00 P.M. NEWS SERVICE: International News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System, Lang-Worth, Davis & Schwegler.

#### Personnel

President J. W. Woodruff, Sr.
General Manager
Sales ManagerJames Davenport
Chief Announcer Program Director, Jack Gibney
Coverage

		-	_				F00 000
Population—Primary		,			,	•	500,000
Radio Homes— "							44,100
Population—Secondary							200,000
Radio Homes— "							21,000

Source: Mail response analysis.

Representative International Radio Sales

# WMJM

CORDELE—EST. 1940

FREQUENCY: 1490 Kc. POWER: 250 waits. OWNED BY: Cordele Dispatch Publishing Co. OPERATED BY: Cordele Dispatch Publishing Co. BUSINESS ADDRESS: Cordele. STUDIO ADDRESS: Cordele. TRANSMITTER LOCATION: Cordele. TIME ON THE AIR: 6:30 A.M. to 11:00 P.M. NEWSPAPER AFFILIATION: Cordele Dispatch. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio, Transco.

#### Personnel

Business and General Manager,

J. J. Mangham, Jr.
Station-Commercial Manager ... Harry G. Clark
Program Director ... ... Ellen M. Stewart
Chief Engineer ... ... Noel Martin

## WBLJ DALTON—EST. 1940

FREQUENCY: 1200 Kc. POWER: 250 watts. OWNED BY: Dalton Broadcasting Corp. OPERATED BY: Dalton Broadcasting Corp. BUSINESS ADDRESS: Kenemer Bldg. PHONE: Dalton 684. STUDIO ADDRESS: Kenemer Bldg. TRANSMITTER LOCATION: River Bend Rd. TIME ON THE AIR: 6:00 A.M. to 10:00 P.M. (112 hours weekly). NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

## Personnel

President Baxter Roach
Secretary-Treasurer
General Manager
Program Director-Artists' Bureau Head,

									Bill	Davies
Publicity	Director								. Jack	McCoy
Chief End	gineer								W.	Roberts

## $\mathbf{W} \mathbf{G} \mathbf{G} \mathbf{A}^*$

## GAINESVILLE—EST, 1941

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Harry Estes, Austin Dean and L. H. Christian d/b as Gainesville Broadcasters. OPERATED BY: Gainesville Broadcasters. BUSINESS ADDRESS: Gainesville. ADDRESS: Same. TRANSMITTER LOCATION: Same, TIME ON THE AIR: Unlimited license. NEWSPAPER AFFILIATION: Gainesville Eagle.

\*Station was licensed to operate under a construction permit at time of going to press and no further information was available.

# WKEU

GRIFFIN-EST. 1934

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Radio Station WKEU. OPERATED BY: A. W. Marshall, Jr. BUSINESS ADDRESS: STUDIO ADDRESS: Same. Griffin Hotel. RANSMITTER LOCATION: Same. TIME ON THE AIR: Daytime to local sunset. TRAN-SCRIPTION SERVICE: C. P. MacGregor.

#### Personnel

Manager ...... A. W. Marshall, Jr.

## Representative

Sears & Ayer, Inc.

# LA GRANGE-EST, 1941

FREQUENCY: 1210 Kc. POWER: 250 watts. OWNED BY: La Grange Broadcasting Co. OPERATED BY: La Grange Broadcasting Co.
TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited license, NEWSPAPER AFFILIATION: La Grange News.

## Personnel

President..... ..... Roy C. Swank Vice President-Secretary.....Willis J. Davis 

\*Station was licensed to operate under a construction permit at time of going to press.

# MACON—EST. 1940

MUTUAL BROADCASTING SYSTEM

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Middle Georgia Broadcasting Co. OPERATED BY: Middle Georgia Broadcasting Co. BUSINESS ADDRESS: First National Bank Bldg. PHONE: 2728. STUDIO ADDRESS: First National Bank Bldg. TRANSMITTER LOCA-TION: Eighth and Cherry Sts. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight: Sundays, 7:30 A.M. to 12:00 Midnight, NEWS SERVICE; United Press. TRANSCRIPTION SERVICE: NBC Thesaurus. 

\$14,000,000 in defense projects within ten milesmilitary Strategists know

# A GOOD MARKSMAN ALWAYS AIMS AT THE CENTER OF HIS TARGET!!

Concentrate your pattern in MIDDLE GEORGIA

with

# WBML

"In Beat with the Heart of Georgia"

UNITED PRESS News of the Hour on the Hour

# MACON, GEORGIA

MUTUAL BROADCASTING SYSTEM REPRESENTATIVES: INTERNATIONAL RADIO SALES

## Personnel

PresidentErnest D. Black
General ManagerRobert R. Feagin
Business ManagerCharles W. Pittman
Sales Promotion ManagerPat Padgett
Program DirectorEarl J. Pudney
Chief AnnouncerSid Willard
Musical Director Mary Hester Richardson
Chief Engineer

## Coverage

	Daytime	Evening
Population—Primary	300,000	150,000
Radio Homes— "	50,200	13,860
Population-Secondary	450,000	200,000
Radio Homes— "	72,400	15,000
Source: Station survey.		

## Representative International Radio Sales

# WMAZ

## MACON—EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 940 Kc. POWER: 5000 watts. OWNED BY: Southeastern Broadcasting Co. OPERATED BY: Southeastern Broadcasting Co. BUSINESS ADDRESS: 211 Cotton Ave. PHONE: 3131-2. STUDIO ADDRESS: 211 Cotton Ave. TRANSMITTER LOCATION: Georgia Place. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight: Sunday, 7:30 A.M. to 12:00 Midnight. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: World Transcription System, Radio Transcription Co.

#### Personnel

President, General ManagerE. K. Cargill
Vice-PresidentGeorge P. Rankin
Secretary-Treasurer
Commercial ManagerFrank Crowther
Musical DirectorAllie V. Williams
Chief EngineerGeorge P. Rankin Jr.

#### Coverage

Coverage							
Population—Primary	180,371						
Radio Homes— "	23.748						
Population—Secondary	524,864						
Radio Homes— "	59,649						

Source: Field inlensity survey.

Representative

The Katz Agency

# WMGA

#### MOULTRIE—EST. 1939

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Frank R. Pidcock, Sr. BUSINESS ADDRESS: Moultrie. PHONE: 999. STUDIO ADDRESS: Moultrie. TRANSMITTER LOCATION: Moultrie. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M., daily: 8:00 A.M. to 10:00 P.M., Sundays NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

## Personnel

Managerjohn r.	Pidcock
Chief EngineerJames W.	Stewart
Coverage	
Population—Primary	205,026
Radio Homes— "	23.644
Population—Secondary	294,066
Radio Homes— "	32,526
Source: Station survey.	

## Representative

F. Lacelle Williams

# WRGA

ROME-EST, 1929

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Rome Broadcasting Corp. OPERATED BY: Rome Broadcasting Corp. BUSINESS ADDRESS: National City Bank Bldg. PHONE: 6589. STUDIO ADDRESS: National City Bank Bldg. TRANSMITTER LOCATION: National City Bank Bldg. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M., daily: 8:00 A.M. to 11:00 P.M., Sundays. NEWS SERVICE: United Press.

## Personnel

President	Quarles
Station Manager-TreasurerHappy (	Quarles
Sales ManagerPrice	Selby
Commercial ManagerMather	Payne
Program DirectorJimmy	Kirby

# WSAV

## SAVANNAH—EST. 1939

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: WSAV, Inc. OPERATED BY: WSAV, Inc. OPERATED BY: WSAV, Inc. BUSINESS ADDRESS: Liberty National Bank Bldg. PHONE: 5600 and 3-4554. STUDIO ADDRESS: Liberty National Bank Bldg. TRANSMITTER LOCATION: President St. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight, daily: 8:00 A.M. to 12:00 Midnight, Sundays. MAINTAINS ARTISTS' BUREAU. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated.

## Personnel

President	Arthur	Lucas
General Manager.		Daniel
Commercial-Sales	Promotion Manager,	

N. W. Brandon
Program-Musical Director ... Electa Robertson
Production Manager ......Robert Eisenman
Publicity Director .......Ganus Scarborough
Chief Engineer ......Meredith Thompson

#### Coverage

Population—Primary 166,778 123,479
Radio Homes— 33.356 24.696
Source: Field intensity measurements and mail response analysis; 1940 U. S. Census.

#### Representative

George P. Hollingbery Co.

# WTOC

SAVANNAH—EST. 1929

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1290 Kc. POWER: 5000 watts, d.: 1000 watts, n. OWNED BY: Savannah Broadcasting Co. OPERATED BY: Savannah Broadcasting Co. BUSINESS ADDRESS: 516 Abercorn St. STUDIO ADDRESS: 516 Abercorn St. TRANSMITTER LOCATION: Louisville Rd. TIME ON THE AIR: Daily, 6:30 A.M. to 12:00 Midnight: Sunday, 8:00 A.M. to 12:00 Midnight: TRANSCRIPTION SERVICE: Lang-Worth, World Broadcasting System.

### Personnel

President	<b>W. T</b> . Knight, Jr.
Treasurer-Station Manager.	. Marjorie B. Willis
Program DirectorF	red P. Pfahler, Jr.
Production-Publicity	William B. Smart
Musical Director	Dwight J. Bruce
Chief EngineerJames	Reynolds Donovan

### Coverage

	Daytime	Evening
Population—Primary	322,600	431,800
Radio Homes— "	35,980	45,940
Population—Secondary	802,700	543,100
Radio Homes— "	183,300	125,800
Source: CBS Listener Stu	dv.	

# Representative

# The Katz Agency, Inc.

# WE'RE "ON THE SPOT"!!

Where new sales records are being made!

Where a greater, richer audience is being served better by the new WTOC

Where modernized promotion, merchandising, and publicity activities really serve clients

### IN SAVANNAH

SALES ARE UP POPULATION IS UP BUYING POWER IS UP

# WTOC

CBS ● 5000 WATTS ● 1290 KC.

United Press News • Member Major Market Trio • Columbia's "Voice of the Coastal Empire"

(For Proof of Above Statements Consult Nearest "KATZ" Man)

# WPAX

### THOMASVILLE—EST. 1934

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: H. Wimpy. OPERATED BY: H. Wimpy. BUSINESS ADDRESS: 117 Remington Ave. PHONE: 909. STUDIO ADDRESS: 117 Remington Ave. TRANSMITTER LOCATION: 117 Remington Ave. TIME ON THE AIR: Unlimited License.

### Personnel

# WRLC\* TOCCOA—EST. 1941

FREQUENCY: 1420 Kc. POWER: 250 watts. OWNED BY: R. G. LeTourneau. OPERATED BY: R. G. LeTourneau. BUSINESS ADDRESS: Toccoa. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited license.

### Personnel

# W G O V

FREQUENCY: 1450 Kc. POWER: 250 waits. OWNED BY: E. D. Rivers. OPERATED BY: E. D. Rivers. OPERATED BY: E. D. Rivers. BUSINESS ADDRESS: East Park Ave., Lakeland Highway. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System,

### Personnel

Business and General Manager,

Transco.

Coverage

Population—Primary 244,386
Population—Secondary 500,000
Source: Station survey.

# WAYX

### WAYCROSS-EST. 1936

FREQUENCY: 1230 Kc. POWER: 250 waits. OWNED BY: Jack Williams. OPERATED BY: Same. BUSINESS ADDRESS: 620 Plant Ave. PHONE: 965. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Waycross. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. NEWS-PAPER AFFILLATION: Waycross Journal-Herald. NEWS SERVICE: Associated Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System.

### GEORGIA-IDAHO

### Personnel

PresidentJack V	Villiams
Station Manager-Chief Engineer.	
John J.	. Tobola
Commercial ManagerJack	Harder
Program DirectorMartha Jane	Folsom
Coverage	
Population—Primary	303,815
Population—Secondary	404,834

Source: Station survey.

WEST POINT—EST. 1940
MUTUAL BROADCASTING SYSTEM
ALABAMA NETWORK

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: Valley Broadcasting Co. OPER- ATED BY: Valley Broadcasting Co. BUSINESS ADDRESS: General Tyler Hotel Bldg. PHONE: 173 and 193. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 5:00 A.M. to 11:00 P.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated.

### Personnel

General Manager		
Program Director	. Thomas	Phillips
La Grange Studio Manager.		
Chief Announcer	Per	ry Elliott
Chief EngineerJo	mes L.	Williams

### Coverage

Population—Primary .... Daytime Evening 225,000 52,000

# IDAHO

Population 524,873

Number of Families 140,742

Number of Radio Homes 111,880

Auto Registrations 160,500

For 1940 Census data, please turn to page 249

# KIDO

BOISE-EST. 1928

NATIONAL BROADCASTING COMPANY

FREQUENCY: 1380 Kc. POWER: 2500 watts, d., 1000 watts, n. OWNED BY: C. G. Phillips and Frank L. Hill. OPERATED BY: C. G. Phillips and Frank L. Hill. BUSINESS ADDRESS: Hotel Boise. PHONE: 660-1-3040. STUDIO ADDRESS: Hotel Boise. TRANSMITTER LOCATION: 4½ miles N.W. of city. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight. NEWS SERVICE: United Press, Associated Press, TRANSCRIPTION SERVICE: World Broadcasting System.

### Personnel

Station Manager
Commercial ManagerRichard G. McBroom
Program Director—Chief Announcer,
Billy Phillips
Production ManagerRoy Civille
Publicity DirectorBoyd Braithwaite
General Office ManagerBonnie Scotland
Traffic ManagerCatherine Scotland
Sales Promotion ManagerClete Lee
Musical DirectorVern Moore
Chief Engineer

### Coverage

	Daytime	Evening
Population—Primary	120,800	247,500
Radio Homes— "	31.000	52,300
Population—Secondary	150,200	308,000
Radio Homes—"	38,700	65,000

# Source: Mail analysis survey. Representative John Blair and Company

# кiр

### IDAHO FALLS—EST. 1928

FREQUENCY: 1350 Kc. POWER: 5000 waitsd., 500 Watts-n. OWNED BY: KID Broadcasting Co. OPERATED BY: KID Broadcasting Co. BUSINESS ADDRESS: 3rd floor, KID Bldg. PHONE: 4. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Ammon Road. TIME ON THE AIR: 6:00 A.M. to 10:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

President and General Manager,

J. W. Duckworth
Chief Engineer......W. J. Provis

Coverage

	Daytime	Evening
Population—Primary	160,000	160,000
Radio Homes— "	35,000	35,000
Population—Secondary .	183,462	183,462
Radio Homes— "	33,692	33,692

# KRLC

### LEWISTON—EST. 1935

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: H. E. Studebaker. OPERATED BY: H. E. Studebaker. BUSINESS ADDRESS: Lewis-Clark Hotel. PHONE 1950-1. STUDIO ADDRESS: Lewis-Clark Hotel. TRANSMITTER LOCATION: Lewiston Orchards. TIME ON THE AIR: (daily) 6:30 a.m. to 10:00 p.m., (Sunday) 12:15 P.M. to 7:15 P.M. (100 hours weekly). NEWS SERVICE: United Press. TRANSCRIP-TION SERVICES: World Broadcasting System, Lang-Worth.

### Personnel

Owner H. E. Studebaker
Station ManagerDonald A. Wike
Commercial Manager
Chief EngineerMilton MacLafferty

### Coverage

	Daytime	Evening
Population—Primary	91,387	91,387
Radio Homes— "	24,100	24,100
Population—Secondary	77,921	77,921
Radio Homes— "	12,700	12,700

### Representatives

John Blair & Co.

# KFXD

NAMPA-EST, 1922

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Frank E. Hurt. OPERATED BY: Frank E. Hurt. BUSINESS ADDRESS: 1024 Twelfth Ave., South. PHONE: 1200. STUDIO ADDRESS: 1024 Twelfth Ave., S.: Eighth and Grant Sts., Caldwell; Owyhee Hotel, Boise. TRANSMITTER LOCATION: 1024 Twelfth Ave., S. TIME ON THE AIR: 6:00 A.M. to 10:00 P.M.; Sundays, 8:30 A.M. to 6:00 P.M. NEWS SERVICE: United Press TRANSCRIPTION SER-VICE: NAB Library, NBC Thesaurus, Lang-Worth, C. P. MacGregor, Davis & Schwegler.

### Personnel

Owner and Station ManagerFrank E.	. Hurt
Commercial Manager	Cain
Chief EngineerEdward	Hurt

POCATELLO—EST. 1926 NATIONAL BROADCASTING CO.

FREQUENCY: 930 Kc. POWER: 1000 wattsd., 250 Watts-n. OWNED BY: Radio Service Corp. OPERATED BY: Radio Service Corp. BUSINESS ADDRESS: Pocatello. PHONE: 960.

# NBC Red and Blue





IDAHO'S

Metropolitan Station

Serves

**46** %

of Idaho's Total

Retail Sales

JOHN BLAIR & CO., Nat. Reps.

STUDIO ADDRESS: Pocatello. TRANSMITTER LOCATION: Bannock County Fairgrounds. TIME ON THE AIR: 6:00 A.M. to 12:00 P.M.; Sunday, 7:00 A.M. to 12:00 midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth, Davis & Schwegler.

### Personnel

President	О.	P. Soule
Vice PresGen. ManagerHenry	y H.	Fleicher
Musical DirectorRuthe	A.	Fletcher
Chief Engineer	: E.	Mitchell

### Coverage

Population—Primary	164,443
Radio Homes— "	33,730
WT	

Representative Furgason & Walker, Inc.

### KTFI TWIN FALLS—EST. 1928

NBC (RED AND BLUE)
FREQUENCY: 1270 Kc. POWER: 1000 watts.
OWNED BY: Radio Broadcasting Corp. OPERATED BY: Radio Broadcasting Corp. BUSINESS ADDRESS: Radio Center Bldg. PHONE:
30. STUDIO ADDRESS: Radio Center Bldg.
TRANSMITTER LOCATION: 4 miles west of
Twin Falls. TIME ON THE AIR: 6:30 A.M. to
11:00 P.M.: Sundays, 7:00 A.M. to 11:00
P.M. NEWS SERVICE: Transradio Press.
TRANSCRIPTION SERVICE: Lang-Worth, Davis
& Schweder.

Person	nei
President	O. P. Soule
Vice PresGen. Manager.	John E. Gardner
Commercial Manager	Jay Spracher
Production Manager-Chief	Announcer,
	Charles Crabtree
Program Director	F. M. Soule

Program Director F. M. Soule
Musical Director Will E. Wright
Chief Engineer Franklin V. Cox

### Coverage

	Daytime	Evening
Population—Primary	96,342	84.228
Radio Homes— "	16,980	14,600
Population—Secondary	168,203	56,783
Radio Homes— "	49,830	11,700
Carrage II C Danseles		

Source: U. S. Department of Commerce: Joint Committee; U. S. Census of Business.

### Representative

Furgason & Walker Homer O. Griffith (Pacific Coast)

# KWAL

### WALLACE-EST. 1939

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Chester Howarth and Clarence Berger. OPERATED BY: Same. BUSINES: ADDRESS: 319 Civic Center Bldg. PHONE: 330. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Wallace. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M.; Sundays, 10:00 A.M. to 9:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio. NBC Thesaurus.

### Personnel

General Manager	Clarence Berger
Station Manager	William M. Bruner
Program Director	Ethel Clayton
News Editor	Mel Sayre
Chief Engineer	William M. Bruner

### Coverage

	Daytime	Evening
Population—Primary	25,000	28,000
Radio Homes— "	4,800	5,000
Population—Secondary	430,000	435,000
Radio Homes— "	*5,200	*5,900

\*Includes primary count.
Source: Station survey; 1940 U. S. Census.

# ILLINOIS

Population 7,897,241

Number of Families 2,189,223

Number of Radio Homes 1,985,710
Auto Registrations 1,930,000

) C ----- 1-1 - 1-- 1 - 1-- 250

For 1940 Census data, please turn to page 250

# WMRO

AURORA-EST, 1938

FREQUENCY: 1280 Kc. POWER: 250 waits.
OWNED BY: Martin R. O'Brien. OPERATED
BY: Martin R. O'Brien. BUSINESS ADDRESS:
24 S. River St. STUDIO ADDRESS: Same.
TRANSMITTER LOCATION: North Aurora.
TIME ON THE AIR: Daytime License. NEWS
SERVICE: Associated Press through Aurora

Beacon News. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio, MAINTAINS ARTISTS' BUREAU.

### Personnel

Owner-General Manager.....Martin R. O'Brien Commercial Manager......Vincent G. Cofey Program Director-Chief Announcer.

1	lobert (	Carlton
Musical DirectorMary	Louise	Brown
Chief Engineer	Leo	Burch

### Coverage

Population—Secondary .......... 2,300,000 Source: U. S. Census; field intensity measurements

J B C

### **BLOOMINGTON—EST. 1934**

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: A. M. and D. C. McGregor (a partnership). OPERATED BY: A. M. McGregor. BUSINESS ADDRESS: Bloomington, PHONE: 535-534. STUDIO ADDRESS: Wesleyan University; Normal University, Normal. TRANS-MITTER LOCATION: West Gregory St., Normal. TIME ON THE AIR: 6:00 A.M. to 10:00 P.M. NEWS SERVICE: Transradio Press. MAIN-TAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

President and Station Manager.

	A. M. McGregor
Commercial Manager	Hugh L. Gately
Program Director-Artists'	Bureau Head.
	Don Glasgow
Chief Announcer	Stanley Lantz
Chief Engineer	Ted Bailey

Coverage	
Population—Primary	401.700
Radio Homes— "	95,150
Population—Secondary	593,300
Radio Homes— "	142,290
Source: U. S. Census; station survey	·.

### Representative

Cox & Tanz

### KR CAIRO—EST. 1941

FREQUENCY: 1500 Kc. POWER: 250 watts. OWNED BY: Oscar C. Hirsch. OPERATED BY: Oscar C. Hirsch. BUSINESS ADDRESS: Cairo. STUDIO ADDRESS: Same. TRANSMITTER LO-CATION: Same. TIME ON THE AIR: Unlimited license.

### Personnel

Owner.....Oscar C. Hirsch Station was licensed to operate under a construction permit at time of going to press and no further information was available.

### CAZ CARTHAGE—EST. 1921

FREQUENCY: 1080 Kc. POWER: 100 waits. OWNED BY: Superior Broadcasting Service. Inc. OPERATED BY: Superior Broadcasting Service, Inc. BUSINESS ADDRESS: 502 Wabash Ave. PHONE: 520. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: R. F. D. Carthage. TIME ON THE AIR: Daytime to local sunset. NEWS SERVICE: Own local news bureau.

### Personnel

President.....Bob Compton 

# D W S

### CHAMPAIGN—EST, 1937

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: News Gazette, Inc. OPERATED BY: Same, BUSINESS ADDRESS: 48 Main St. PHONE: 6-1855, STUDIO ADDRESS: Same. TRANSMITTER LOCATION: South of Champaign. TIME ON THE AIR: 6:30 A.M. to 11:00 P.M.; Sunday, 8:00 A.M. to 11:00 P.M. NEWS-PAPER AFFILIATION: News Gazette. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated.

### Personnel

Station Manager...........Marajen Stevick Coverage'

Population—Primary ..... 85.000 Population—Secondary ..... 300.000 \*Station estimates that 90 per cent in both

primary and secondary areas as being radio homes.

Source: Station survey.

### Representative Sears & Ayers

# WAAF

### CHICAGO-EST, 1922

FREQUENCY: 950 Kc. POWER: 1000 watts. OWNED BY: Chicago Daily Drovers Journal. OPERATED BY: Chicago Daily Drovers Journal. BUSINESS ADDRESS: Palmer House. PHONE: Randolph 1932. STUDIO ADDRESS: Palmer House. TRANSMITTER LOCATION: 1001 Exchange Ave. TIME ON THE AIR: 6:00 A M. to local sunset. NEWSPAPER AFFILIA-TION: Chicago Daily Drovers Journal, NEWS SERVICE: United Press. TRANSCRIPTION SER-VICES: Associated, Lang-Worth, Standard Radio

### Personnel

General Manager.....William E. Hutchinson Commercial Manager ..... Arthur F. Harre Program Director ..... Bradley R. Eidmann Production Manager-Publicity Director.

Rodney O. Daly Musical Director......James Kozak Coverage

Population—Primary ..... 5,000.000 Population—Secondary ...... 2,500,000 Radio Homes— " ...... 700,000

Source: Field intensity measurements.

### Representative

George P. Hollingbery Co.

# It's Been Going on For Years

. . . in America's second market

One-third of WBBM's current local clients have had contracts with us during an average of eight years.

In their time on WBBM several of these sponsors have risen to first in their field.

The reason is simple. Since 1925 WBBM has been the dominant station for over ten million listeners who spend billions\* annually. This market, and our coverage of it, makes WBBM one of America's most economical advertising buys. Is your advertising worth an "eight-year run"?

\* WBBM listeners spend five billion, Primers' Ink, November 29, 1940.



Anew 52-week contract starts WBBM into its third year of filling shoes for Thom McAn. For an inside answer on how WBBM starts sales cash-registering home, ask any McAn dealer in Chicago.

Two surveys have revealed that dealers in general prefer WBBM advertising by a 30% margin.

Chicago, Detroit, St. Louis, Charlotte, Los Angeles, San Francisco.

Sold first in the Chicago market,

Sold first in the Chicago market, Marvel cigarettes quickly secured complete distribution. WBBM was the only advertising medium used. The program pattern WBBM created is now successfully opening and holding other markets for Marvels. Today, after five years on WBBM, Marvel cigarettes are the top sellers in the ten-cent class.

**Evens Furs** are starting their eleventh year with WBBM. From a modest beginning Evans has become the nation's largest exclusive furrier.

Specifically for your product . . . WBBM has the skill to shape a fast-selling program. A program that can single-handedly sell . . . and keep sold . . . America's second largest market.

50,000 watts · Chicago

WBBM is awned and aperated by the Columbia Broadcusting System.

Represented by RADIO SALES: New York,

WBBM sells more people in America's second market.

# **WBBM**

CHICAGO-EST, 1923

### COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 780 Kc. POWER: 50,000 Watts. OWNED BY: Columbia Broadcasting System, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 410 N. Michigan Ave. PHONE: Whitehall 6000. STUDIO ADDRESS: 410 N. Michigan Ave. TRANSMITTER LOCATION: Glenview. TIME ON THE AIR: 6:30 A.M. to 1:30 A.M. NEWS SERVICES: United Press. Associated Press, International News Service: MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Associated.

### Personnel

President
Vice-President and Station
Manager
Assistant ManagerJ. L. Van Volkenburg
Sales Promotion ManagerKing Park
Program DirectorRobert N. Brown
Sales Manager
Western Division Publicity Director.
James J. Kane
Artists' Bureau Head Robert Hafter
News Editor
Office ManagerJohn V. McLoughlin
Musical DirectorCaesar Petrillo
Chief EngineerFrank B. Falknor

### Coverage

	Daytime	Evening
Population—Primary	9,552,400	8,173,400
Radio Homes— "	2,248,000	1,884,410
Population—Secondary	8,998,400	9,419,000
Radio Homes— "	1,936,300	2,042,140
Source: CBS Listener S	urvey: U. S	. Census.

### Representative

Radio Sales

# WCBD

### **CHICAGO**

FREQUENCY: 1110 Kc. POWER: 5000 watts. OWNED BY: WCBD, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 2400 W. Madison St. PHONE: Seeley 8066. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Church Road, Elmhurst. TIME ON THE AIR: 7:30 A.M. to 10:30 A.M., 1:00 P. M. to 3:00 and 5:00 P.M. to local sunset. Shares time with WMBI. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated Music Publishers.

### Personnel

President	T. Dyer
Station and Commercial	
ManagerJoseph	Rudolph
Chief Engineer Edward	I. Iacker

# WCFL

CHICAGO-EST. 1926

NATIONAL BROADCASTING CO. FREQUENCY: 1000 Kc. POWER: 1000 watts. OWNED BY: Chicago Fed. of Labor (AFL). OPERATED BY: Chicago Federation of Labor. BUSINESS ADDRESS: 666 Lake Shore Drive. PHONE: Superior 5300. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Downers Grove, Ill. TIME ON THE AIR: (daily) 6:30 A.M. to midnight: (Sunday) 8:30 A.M. to midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

PresidentJohn	n Fitzpatrick
General ManagerMaynara	d Marquardt
Commercial Manager	. B. Wolens
Program Director	Miles Reed
Musical Director	John Kelly
Chief EngineerMaynard	Marquardi

### Coverage

	Daytime	Evening
Population—Primary	6,612,458	9,678,601
Radio Homes · "	1,616,950	2,353,990
Population—Secondary	3,066,143	
Radio Homes- "	899,186	

Source: Field intensity measurements.

# Representative The Katz Agency

# WCRW

CHICAGO-EST. 1926

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Clinton R. White. OPERATED BY: Same. BUSINESS ADDRESS: 2756 Pine Grove Ave. PHONE: Diversey 4440. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 11:00 A.M. to 2:00 P.M.—5 to 7:00 P.M. TRANSCRIPTION SERVICE: Has full facilities.

# WEDC

### CHICAGO—EST, 1926

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Emil Denemark, Inc. OPERATED BY: Emil Denemark, Inc. BUSINESS ADDRESS: 3860 Ogden Ave. PHONE: Crawford 4100. STUDIO ADDRESS: 3860 Ogden Ave. TRANSMITTER LOCATION: 3860 Ogden Ave. TIME ON THE AIR: 77 hours weekly. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Davis & Schwegler. MAINTAINS ARTISTS' BUREAU.

### Personnel

President Emil Denemark
ManagerFrank J. Kotnour
Sales Promotion ManagerDon F. Lavery
Program Director
Musical Director-Artists' Bureau Head.
William P Brady

# SPOT ADVERTISER and his ADVERTISING AGENCY

All other factors being equal, your program will have more listeners on WGN than on any other Chicago station.

### This was true for:

m will have more
WGN than on any
go station.

e for:

Red Cross Program . . . . Moy 26, 1940

National Democratic Convention . . June 18, 1940

Willkie Acceptance Speech . . August 17, 1940

Community Chest Appeal . . October 20, 1940

President's Address to Congress . Jonuary 6, 1941

May we show you the facts?

WGN—the first station in Chicago and the first Chicago station in the Middle West.

# Buy WGN and reach more bruyers!

50,000 watts

INC 720 kilocycles

Eastern Sales Office Norman Boggs 220 E. 42nd St. 441-445 North Michigan Avenue Chicago, Illinois

Member of The Mutual Broadcasting System

Pacific Coast Office Paul H. Raymer Co. Los Angeles Son Francisca 

### Coverage

	Daytime	Evening
Population—Primary	5,375,620	5,156,493
Radio Homes— "	1,343,905	1,289,123
Population—Secondary	1,460,922	
Radio Homes—"	365.231	

Source: Field intensity survey.

# WENR

CHICAGO—EST. 1925 NATIONAL BROADCASTING CO. (BASIC BLUE)

FREQUENCY: 890 Kc. POWER: 50,000 Watts. OWNED BY: National Broadcasting OPERATED BY: Same. BUSINESS Co., Inc. ADDRESS: Merchandise Mart. PHONE: Su-ADDRESS: perlor 8300. STUDIO TRANSMITTER LOCATION: Tinley TIME ON THE AIR: (Mon. thru Fri.) 3:00 P.M. to 6:30 P.M.-8:00 P.M. to 1:00 A.M. (Saturday) 3:00 P.M. to 6:30 P.M.—12:00 midnight to 1:00 A.M.: (Sunday) 12:00 noon to 7:00 P.M. —8:00 P.M. to 1:00 A.M. (Shares time with WLS.) NEWS SERVICES: International News Service, United Press. TRANSCRIPTION SER-VICE: NBC Thesaurus. MAINTAINS ARTISTS' BUREAU.

### Personnel

_ 0.0000
PresidentNiles Trammell
Manager, Central DivisionHarry C. Kopf
Division EngineerHoward C. Luttgens
Supervisor of Music LibraryD. A. Marcotte
Night Manager E. C. Cunningham
Program ManagerJules Herbuveaux
Advertising and Sales Promotion Manager,

	mid man a rama dest
	Emmons C. Carlson
Director of Agriculture	William E. Drips
Special Events Director	Kenneth D. Fry
Asst. to Manager	A. W. Kaney
Artists' Service Manager	James Stirton
Chief Announcer	William Kephart
Publicity Director	William Ray
Production Manager	Wynn Wright
Sales Manager	M. M. Boyd
Continuity Editor	William Murphy
Business Manager	John F. Whalley
Musical Director	Roy Shield
Educational Director	Judith Waller

### Coverage

	Daytime	Evening
Population—Primary	10,910,000	11,147,500
Radio Homes "	2,667,600	2.713.600
Population—Secondary .	6,285,900	21,798,400
Radio Homes— "	530,800	851,800
Source: Field intensity	measurem	ents and
mail response analysis.		

### Representative

National Broadcasting Co., Inc.

# WGES

### CHICAGO—EST. 1924

FREQUENCY: 1390 Kc. POWER: 1000 watts, Sundays: 500 watts, daily. OWNED BY: Oak Leaves Broadcasting Station, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 2400 Madison St. PHONE: Seeley 8066. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 4000 Washington Blvd. TIME ON THE AIR: 7:00 A.M. to 12:00 noon and 3:30 P.M. to 8:00 P.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated Music Publishers.

### Personnel

Station Manager	Gene	T. Dyer
Commercial Manager	. M. B.	Arbeiter
Chief Announcer	. Peter	Bradley
Publicity Director	. Arnold	Hartley
Musical Director	Irm	a Gareri
Chief Engineer	Geor	ge Bush

# WĠN

### CHICAGO—EST. 1924

MUTUAL

FREQUENCY: 720 Kc. POWER: 50.000 Watts. OWNED BY: WGN. Inc. OPERATED BY: WGN. Inc. DESS: 441 N. Michigan Ave. PHONE: Superior 0100. STUDIO ADDRESS: 441 N. Michigan Ave. TRANSMITTER LOCATION: 2½ Miles Southeast of Schaumberg, Ill. TIME ON THE AIR: 5:30 A.M. to 1:30 A.M.; Sundays, 8:00 A.M. to 1:30 P.M. NEWSPAPER AFFILIATION: Chicago Tribune. NEWS SERVICE: Associated Press. United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

### Personnel

PresidentCol. Robert R. McCormick
Managing Director W. E. Macfarlane
CoordinatorFrank P. Schreiber
Commercial ManagerWilliam A. McGuineas
Program DirectorWilliam A. Bacher
Sales Promotion ManagerBen H. Berentson
Publicity DirectorBruce Dennis
Special Events DirectorTom Foy
Talent Division Head Noel B. Gerson
Concert Division Head Austin Wilder
Musical Director
Chief EngineerCarl J. Meyers

### Coverage

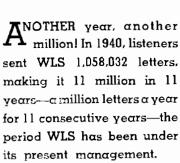
Population—Primary	4
Radio Homes— " 3,100,00	0
Population—Secondary25,875,00	0
Radio Homes— " 5,427,00	0

Source: Mail response analysis.

### Representatives

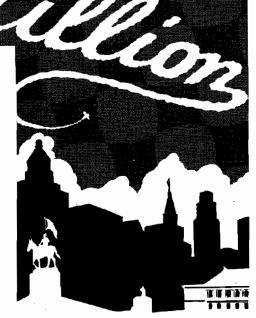
WGN, Inc. (New York)

Paul H. Raymer Co. (San Francisco and Los Angeles)



It all adds up to this: the WLS audience is a responsive audience and loyal—loyal to the fine programs of WLS and to the advertisers who present them . . . and that means—

WLS GETS RESULTS!



WID GEID HEDUELD

THE PRAIRIE FARMER STATION

National Representatives:

JOHN BLAIR & COMPANY

CHICAGO



And In Arizona-

FIRST on the dial;

FIRST with listeners;

FIRST in Results for Advertisers

National Representatives: JOHN BLAIR & COMPANY

# MIJD

### CHICAGO—EST. 1932

FREQUENCY: 1160 Kc. POWER: 20,000 Watts. OWNED BY: WJJD, Inc. OPERATED BY: WJJD, Inc. OPERATED BY: WJJD, Inc. DEUSINESS ADDRESS: 230 N. Michigan Ave. TRANSMITTER LOCATION: Des Plaines. TIME ON THE AIR: 6,00 A.M. to sunsel, Salt Lake City. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

President	.Ralph L. Atlass
Vice-President	.H. Leslie Atlass
Commercial Manager	H. P. Sherman
Program ManagerJ.	L. Allabough, Jr.
Studio Supervisor	Tom Dunlop
Director of Public Relations	Al Hollender
Musical Director	Ben Kanter
Chief Engineer	Walter Myers

### Coverage

Populo	ition—Primary	 6.877.376
Radio	Homes— " .	 1,535,612
_	*** * * * *	

Source: Field intensity measurements.

### Representatives

Paul H. Raymer Co. Walter Biddick Co. (West Coast)

# WLS

### CHICAGO—EST. 1924

NATIONAL BROADCASTING CO.

FREQUENCY: 890 Kc. POWER: 50,000 watts. OWNED BY: Agricultural Broadcasting Co. OPERATED BY: Prairie Farmer. BUSINESS ADDRESS: 1230 W. Washington Blvd. PHONE: Haymarket 7500. STUDIO ADDRESS: 1230 W. Washington Blvd. TRANSMITTER LOCATION: Tinley Park. TIME ON THE AIR: 5:30 A.M. to 8:00 P.M. (midnight on Saturday). NEWSPAPER AFFILIATION: Prairie Farmer. NEWS SERVICE: United Press, Transradio Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICES: Usual Facilities.

### Personnel

PresidentBurridge D. Butler
Station ManagerGlenn Snyder
Commercial Manager
Artists' Bureau HeadGeorge Ferguson
Publicity and Sales Promotion
Director
Program Director
Chief EngineerThomas L. Rowe
~

### Coverage

Population—Primary			٠.			. 19.209,500
Radio Homes— "	 	٠.				. 4,408,800

Source: Mail response analysis.

Representative

John Blair & Company

# WMAQ

CHICAGO—EST. 1922

NATIONAL BROADCASTING CO. (BASIC RED)

FREQUENCY: 670 Kc. POWER: 50,000 Watts. OWNED BY: National Broadcasting Co., Inc. OPERATED BY: Same. BUSINESS ADDRESS: Merchandise Mart. PHONE: Superior 8300. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Elmhurst. Ill. TIME ON THE AIR: (daily) 6:45 A.M. to 1:00 A.M.; (Sunday) 8:00 A.M. to 1:00 A.M. NEWS SERVICES: United Press. International News Service. TRANSCRIPTION SERVICE: NBC Thesaurus. MAINTAINS ARTISTS' BUREAU.

### Personnel

PresidentNiles Trammell
Manager, Central Division Harry C. Kopf
Division Engineer Howard C. Luttgens
Supervisor of Music LibraryD. A. Marcotte
Night Manager E. C. Cunningham
Director of AgricultureWilliam E. Drips
Special Events DirectorKenneth D. Fry
Asst. to ManagerA. W. Kaney
Artists' Service ManagerJames Stirton
Chief Announcer
Publicity Director
Continuity EditorWilliam Murphy

# "HITCH YOUR WAGON TO A STAR"

The constantly improved effectiveness of WJJD programming will in 1941 include the play by play baseball broadcast with . . .

### PAT FLANAGAN

for over 13 years Chicago's leading sports announcer. In this period by survey Mr. Flanagan has by a wide margin led the field in popularity.



20,000 WATTS CHICAGO

"The Nation's Largest Independent Station"

PAUL H. RAYMER CO.

NATIONAL REPRESENTATIVES

### ILLINOIS

Production Manager
Sales Manager
Business ManagerJohn F. Whalley
Program ManagerJules Herbuveaux
Advertising and Sales Promotion Manager,
Emmons C. Carlson
Musical DirectorRoy Shield
Educational DirectorJudith Waller

### Coverage

### Representative

National Broadcasting Co., Inc.

# WIND

**CHICAGO** 

(For station listing see Gary, Ind.)



# WMBI

CHICAGO-EST. 1926

FREQUENCY: 1110 Kc. POWER: 5000 watts. OWNED BY: The Moody Bible Institute of Chicago. OPERATED BY: The Moody Bible Institute of Chicago. BUSINESS ADDRESS: 153 Institute Place. PHONE: Michigan 1570. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Addison. TIME ON THE AIR: Shares Limited Time with WBT and WCBD (40 to 50 hours weekly).

### Personnel

Vice-Pres	ident	iı
Program	DirectorRev. Wendell P. Loveles	8
Publicity	DirectorRussell Hi	it
Chief End	jineer	е

# WSBC

CHICAGO—EST. 1925

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: WSBC, Inc. OPERATED BY: WSBC, Inc. OPERATED BY: WSBC, Inc. BUSINESS ADDRESS: 2400 Madison St. PHONE: Seeley 8066. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M. to 8:30 A.M., 10:00 to 11:00 A.M., 2:00 P.M. to 3:30 P.M., 6:00 P.M. to 10:00 P.M. and 11:00 P.M. to 12:00 midnight. TRANSCRIPTION SERVICE: Associated Music Publishers.

### Personnel

President
Station ManagerJohn A. Dyer
Chief AnnouncerJohn Steadman
Publicity DirectorS. S. Shulman
Musical DirectorDean Remick
Chief Engineer

# WHFC

CICERO—EST. 1926

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: WHFC, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 6138 W. Cermak Rd. PHONE: Cicero 4305-Lawndale 8228. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

President
Manager
Chief Announcer
Musical Director
Chief Engineer E. P. Haves

# WDAN

### DANVILLE-EST. 1938

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Northwestern Publishing Co. OPERATED BY: Same, BUSINESS ADDRESS: Hotel Wolford, PHONE: Main 1700, STUDIO TRANSMITTER ADDRESS: Hotel Wolford. LOCATION: 1500 North Washington Ave. TIME ON THE AIR: 7:00 A.M. to 10:15 P.M. NEWSPAPER AFFILIATION: Danville Commercial News. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

### Personnel

General ManagerE. C. Hewes
Station ManagerFrancis A. Higgins
General Sales ManagerGuy Kitchen
Assistant General Sales Manager. Ward White
Chief EngineerTed Magin

Chica angineer,	
Coverage	
Population—Primary	
and Secondary	171,211
Radio Homes—Primary	
and Secondary	32,720
Source: Field strength measuremen	nts.
Representative	

# J. P. McKinney & Sons

# SOY

### DECATUR—EST, 1925

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: Commodore Broadcasting, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 353-357 N. Main St. PHONE: 5371-2. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 1891 N. Oakland Ave. TIME ON THE AIR: 6:00 A.M. to midnight; Sundays, 7:30 A.M. to 12:00 midnight, NEWSPAPER AFFILIATION: Decatur Herald, Decatur Review. NEWS SER-VICE: Associated Press. MAINTAINS AR-TISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System and Standard Radio.

### Personnel

President	F. W. Schaub
General Manager	Merrill Lindsay
Program Director	Bern Enterline
Artists' Bureau Head	Ishmael Leveall
Publicity Director J.	William McElvain
Musical Director	.E. C. Deffenbaugh
Chief Engineer	M. H. Stuckwish

### Coverage

Daytime Evening Radio Homes—Primary... 104,570 20.370 Radio Homes—Secondary 102,430 Source: Field strength measurements (primary); mail response analysis (secondary).

### Representative

Sears & Ayer, Inc.

# WKBB

### EAST DUBUQUE (See Dubuque, Ig.)

### EAST ST. LOUIS—EST. 1935

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Mississippi Valley Broadcasting Co. OPERATED BY: Mississippi Valley Broadcasting Co. BUSINESS ADDRESS: Hotel Broadview. PHONE: Bridge 3424—East 4390, STUDIO ADDRESS: Hotel Broadview. TRANSMITTER LOCATION: Hotel Broadview. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M. NEWS SERVICE: International News Service. MAINTAINS ART-ISTS' BUREAU. TRANSCRIPTION SERVICE: Associated Music Publishers.

### Personnel

President-Station Manager, William H. West, Ir. Commercial and Sales Promotion Manager,

Carlin S. French Program Director......George T. Case Chief Announcer......Fred Moegle Chief Engineer......Thos. R. McLean

### Coverage

	Daytime	Evening
Population—Primary	1,347,600	1,347,600
Radio Homes "	355,210	355,210
Population—Secondary .	416,900	416,900
Radio Homes- "	90,810	90,810

Source: U. S. Department of Commerce.

### Representative

Sears & Ayer, Inc.

### GALESBURG-EST, 1938

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Galesburg Broadcasting Co. OP-ERATED BY: Same, BUSINESS ADDRESS: Hill Arcade Bldg. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Galesburg, TIME ON THE AIR: Unlimited license. NEWS SERV-ICE: International News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERV-ICE: Standard Radio.

### Personnel

President and General	
Manager	Howard A. Miller
Commercial Manager	Virgil Schmit
Program Director	Rol Laughner
Chief Announcer	Bill Traylor
Chief Engineer	Gerald Foster

### Coverage

Population—Primary	350,000
Radio Homes—"	100,000
Source: Station survey.	

Representative

Sears & Ayer

# WEBQ

### HARRISBURG-EST, 1923

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Harrisburg Broadcasting Co. OPERATED BY: Harrisburg Broadcasting Co. BUSINESS ADDRESS: 100 East Poplar. PHONE: 28—Transmitter, 125. STUDIO ADDRESS: 100 East Poplar. TRANSMITTER LOCATION: 100 E. Poplar. TIME ON THE AIR: 6:00 A.M. to 10:00 P.M. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU.

### Personnel

Station ManagerI. M. Taylor
Commercial ManagerLindle Moore
Sales Promotion ManagerJay Warren
Production ManagerBob Franz
Program DirectorVirginia Crane
Chief Announcer-Artists' Bureau Head,
Lindle Moore
Musical-Publicity Director Bernie Smith
Chief EngineerJoseph R. Tate

### Coverage

	Daytime	Evening
Population—Primary	396,680	198,340
Radio Homes— "	99,170	49,585
Population—Secondary	686,040	343,020
Radio Homes "	171,51 <b>0</b>	85,755
Source: Field intensity n	anciiremer	nte

# WJPF

### HERRIN-EST. 1939

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: Orville W. Lyerla. OPERATED BY: Crville W. Lyerla. BUSINESS ADDRESS: Herrin. STUDIO ADDRESS: Herrin. PHONE: 382. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited License. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

### Personnel

President	Orville W. Lyerla
Station Manager	Charles R. Cook
Commercial Manager	E. L. May
Program Director-Chief Anne	ouncer,
	Fred Reinhardt

# Chief Engineer.....Lynton Lemond Representative

Sears & Ayer, Inc.

# WCLS

JOLIET-EST. 1926

FREQUENCY: 1349 Kc. POWER: 100 watts. OWNED BY: WCLS, Inc. OPERATED BY: WCLS, Inc. OPERATED BY: WCLS, Inc. BUSINESS ADDRESS: 7 East Clinton. PHONE: 4761. STUDIO ADDRESS: 7 Clinton SI. TRANSMITTER LOCATION: U. S. Hightway No. 6. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight; Sundays, 9:00 A.M. to 12:00 midnight. NEWS SERVICE: United Press.

TRANSCRIPTION SERVICE: Standard Radio, Associated.

### Personnel

President	Walter Ashe
Station Manager	Robert M. Holt
Sales Manager	D, W. Craig
Program Director	Jack Sharp
Chief Announcer	Scott Dilworth
Chief Engineer	. David Maltby

### Coverage

Population—Primary	153,600
Radio Homes— "	34,900
Population—Secondary	830,600
Radio Homes— "	164,100

Source: Field intensity survey; Joint Committee; U. S. Census.

### Representative

Sears & Ayer, Inc.

# WMBD

### PEORIA—EST. 1925

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1470 Kc. POWER: 5000 watts, d.; 1000 Watts, n. OWNED BY: Peoria Broadcasting Co. DEFRATED BY: Peoria Broadcasting Co. BUSINESS ADDRESS: Alliance Life Bldg. PHONE: 7133. STUDIO ADDRESS: Alliance Life Bldg. TRANSMITTER LOCATION: Route 29 between Peoria and Pekin. TIME ON THE AIR: 5:45 A M. to midnight: (Sunday) 8:00 A.M. to midnight. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Associated Music Publishers, Lang-Worth.

### Personnel

President and Manager , Edgar L. Bill		
Commercial ManagerCharles C. Caley		
Program ManagerGene Trace		
Promotion ManagerC. Russell Ehresman		
Director, Women's Activities.		

Continuity Director Chester Miller
Chief Announcer Brooks Watson
Business Manager Paul Scherer
Artists' Bureau Head Musical Director Jack Lyon
Chief Engineer Ted Giles

### Coverage

Population—Primary	610,011
Radio Homes— "	141,320
Source: Field intensity measureme	hen are

mail response analysis: U. S. Census.

# Representative Free & Peters, Inc.

# WTAD

### QUINCY-EST, 1926

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 930 Kc. POWER: 1,000 watts. OWNED BY: Illinois Broadcasting Corp.

OPERATED BY: Illinois Broadcasting Corp. BUSINESS ADDRESS: WCU Bldg. PHONE: 363. STUDIO ADDRESS: Same; and Hannibal, Mc. TRANSCRIPTION LOCATION: 3 miles south of Quincy. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

### Personnel

President	V. Emery Lancaster
Secretary-Treasurer	H. G. Kreitemeyer
Vice-President	R. E. Whitfield
General Manager	C. Arthur Fifer
Commercial Manager	W. J. Rothschild
Program Director	Jack Sexton
News Editor	William H. Sohm
Chief Engineer	Francis Wentura

### Coverage

Population—Primary	 1,291,523
Radio Homes—"	 315,500

Source: Station survey.

### Representative

International Radio Sales

# WROK

### ROCKFORD—EST. 1923

MUTUAL BROADCASTING SYSTEM FREQUENCY: 1440 Kc. POWER: 1000 Watts, d.: 500 Watts, n. OWNED BY: Rockford Broadcasters, Inc. OPERATED BY: Rockford Broadcasters, Inc. BUSINESS ADDRESS: News Tower. PHONE: Main 5632. STUDIO ADDRESS: News Tower. TRANSMITTER LOCATION: Kilburn Ave. Road. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight. NEWSPAPER AFFILIATIONS: Rockford Morning Star, Rockford Register-Republic. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

President	Ruth Hanna Simms
Managing Director	James Rodgers
General Manager	Walter Koessler
Sales Promotion Manager.	William R. Traum
Program Director	John Dixon
Chief Announcer-Artists' B	ureαu,
	Maurice P. Owens

Continuity Director ... Marjorie Hilliard
Musical Director ... Florence L. Shugars
Chief Engineer ... Thomas G. Cameron

### Coverage

_	Daytime	Evening
Population-Primary	350,221	350,221
Radio Homes— "	125,420	125,420
Population—Secondary	502,242	502,242
Radio Homes— "	200,841	200,841
Source: Department of C	commerce.	

Representative
Headley-Reed Co.

# WHBF

ROCK ISLAND-EST. 1925

MUTUAL BROADCASTING SYSTEM FREQUENCY: 1270 Kc. POWER: 5000 watts. OWNED BY: Rock Island Broadcasting Co. OPERATED BY: Rock Island Broadcasting Co. BUSINESS ADDRESS: 1800 Third Ave. PHONE: 918 and 919. STUDIO ADDRESSES: 1800 Third Ave., Rock Island: Fifth Ave. Bldg., Moline: Orpheum Theater Bldg., Davenport TRANSMITTER LOCATION: 23 Ave. & 52 St., Moline, Ill. TIME ON THE AIR: (daily) 5:30 A.M. to midnight: (Sunday) 8:00 A.M. to midnight. NEWSPAPER AFFILIATION: The Rock Island Argus. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio, Lang-Worth.

### Personnel

PresidentJohn W. Potter
General ManagerL. C. Johnson
Commercial ManagerMaurice Corken
Program DirectorIyan Streed
Publicity Director
Sales Promotion ManagerTed Arnold
Chief Announcer
Musical DirectorLucia Thompson
Chief Engineer

# **FACTS**

### About ROCKFORD!

The Nation's Second Machine Tool City!

298 Busy Factories!

1940 Bullding Permits Over \$2,000,000!

This \$150,000,000 Market in Northern Illinois and Southern Wisconsin Effectively Served By:

# WROK ROCKFORD, ILLINOIS

MUTUAL NETWORK AFFILIATE
National Representatives: HEADLEY-REED CO.

### Coverage

 Daytime
 Evening

 Population—Primary
 1,663,580
 665,600

 Radio Homes—
 401,610
 166,650

Representative
Howard H. Wilson Co.

# WCBS

SPRINGFIELD—EST. 1926
NATIONAL BROADCASTING CO.

FREQUENCY: 1450 Kc. POWER: 250 waits. OWNED BY: WCBS, Inc. OPERATED BY: WCBS, Inc. OPERATED BY: WCBS, Inc. BUSINESS ADDRESS: 523 E. Capitol Ave. PHONE: 9855. STUDIO ADDRESS: 523 E. Capitol Ave. TRANSMITTER LOCATION: 2200 S. 6th St. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight. NEWSPAPER AFFILIATION: Illinois State Journal. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: World Transcription Service. MAINTAINS ARTISTS' BUREAU.

### Personnel

President	Harold L. Dewing
Vice-President	
Secretary	L. G. Pefferle
Commercial Manager.	Jack Heintz
Musical Director	John Geil
Production Manager	John Midgely
Sales Promotion Manag	perCarroll Neeld
Publicity Director	Bob Gregory
Chief Engineer	Richard L. Ashenfelter

### Coverage

Population—Primary ... 955.402 246.327
Radio Homes— " ... 226.790 76.416
Source: Field intensity survey: U. S. Census.

Representative Sears & Ayers, Inc.

# WTAX

### SPRINGFIELD-EST, 1930

FREQUENCY: 1240 Kc. POWER: 100 watts. OWNED BY: WTAX. Inc. OPERATED BY: WTAX. Inc. OPERATED BY: WTAX. Inc. BUSINESS ADDRESS: 117 S. 5th St. PHONE: 2-4441. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to 11:30 P.M. NEWS SERVICE: INS. TRANSCRIPTION SERVICE: Associated.

### Personnel

President and Manager	Jay	A. Jo	hnson
Program Director		Bob	Kory
Chief Engineer	Ec	lward	Ring

### Coverage

	Daytime	Evening
Population—Primary	250,000	250.000
Radio Homes— "	60,000	60.080
Population—Secondary	223,400	223,400
Radio Homes— "	52,870	52,870
Source: Station survey.		

### Representative

The Foreman Co.

# WDZ

### TUSCOLA-EST. 1920

FREQUENCY: 1050 Kc. POWER: 1000 waits. OWNED BY: WDZ Broadcasting Co. OPERATED BY: WDZ Broadcasting Co. BUSINESS ADDRESS: Star Store Bldg. PHONE: 98 and 153. STUDIO ADDRESS: Star Store Bldg. TRANSMITTER LOCATION: Intersection of U. S. Highways No. 36 and 45. TIME ON THE AIR: 6:00 A.M. to sundown. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

PresidentE. L. Bill
Station and Sales ManagerClair B. Hull
Promotion Manager
Program Director-Artists' Bureau Head,
Frank Jannings

### Coverage

Population—Primar	y
Radio Homes— "	280,930
Source: Field in	tensity measurements.

### Representative

Howard H. Wilson Co.

# WILL

### URBANA-EST. 1922

FREQUENCY: 580 Kc. POWER: 5000 waits. OWNED BY: University of Illinois. OPERATED BY: Same. BUSINESS ADDRESS. Urbana. PHONE: 7-2616 — 7-2400. STUDIO ADDRESS: 400 S. Wright. TRANSMITTER LOCATION: S. First St. Road, Champaign TIME ON THE AIR: 7:00 A.M. to local sunset (except Sunday). NEWSPAPER AFFILIATION: The Daily Illini. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICES: Lang-Worth.

### Personnel

DirectorJos. F. Wright
Program Director Frank E. Schooley
Publicity DirectorArt Wildhagen
Musical DirectorLanson F. Demming
Production DirectorNat H. Cohen
Chief Engineer

# -INDIANA

Population 3,427,796 Number of Families 959,563 Number of Radio Homes 840,280 Auto Registrations 1,002,320

For 1940 Census data, please turn to page 252

# WHBU

ANDERSON—EST. 1923
FREQUENCY: 1240 Kc. POWER: 250 watts.
OWNED BY: Anderson Broadcasting Corp.
OPERATED BY: Anderson Broadcasting Corp.
BUSINESS ADDRESS: Citizens Bank Bldg.
PHONE: 234. STUDIO ADDRESS: Citizens
Bank Bldg. TRANSMITTER LOCATION: 1110
Meridian St. TIME ON THE AIR: 7:00 A.M. to
10:00 P.M. NEWS SERVICE: United Press.
TRANSCRIPTION SERVICE: NBC Thesaurus,

# Standard Radio. Personnel

President-General Manager	L. M. Kennett
Commercial Manager	John R. Atkinson
Program Director	L. M. Shrayer
Production Manager	J. B. Burton
Chief Engineer	Wayne Reeves

### Coverage

Population—Primary	905,000
Radio Homes— "	238,000
Source: Field intensity measurem	ents.

Representative Sears & Ayer, Inc.

### WTRC ELKHART-EST. 1931

FREQUENCY: 1340 Kc. POWER: 250 waits. OWNED BY: Truth Pub. Co. OPERATED BY: Elkhart Dally Truth. BUSINESS ADDRESS: 216 S. Second St. PHONE: 999. STUDIO ADDRESS: Hotel Elkhart. PHONE: 948. TRANS. MITTER LOCATION: One mile south of Elkhart on Route No. 19. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M.; Sundays, 11:00 A.M. to 9:00 P.M. (100 hours weekly). NEWSPAPER AFFILIATION: Elkhart Daily Truth. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System, Standard Radio.

### Personnel

President	. D.	Greenleat
General Manager	R.	R. Baker
Production Manager	Po	no equi luc
Chief EngineerKe	nneth	Singleton
<b>~</b>		_

### Coverage

	Daylime	Evening
Population—Primary	342,000	216,000
Radio Homes— "	68,500	48,000
Population—Secondary	145,000	105,000
Radio Homes— "	27.000	22,500

Source: Field intensity survey; U. S. Census.

### Representative

Tenney, Woodward & Conklin, Inc.

# WEOA

### EVANSVILLE—EST. 1936

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1400 Kc. POWER: 250 waits. OWNED BY: Evansville on the Air. Inc. OPERATED BY: Same. BUSINESS ADDRESS: 519 Vine St. PHONE: 2-1171. STUDIO ADDRESS: 519 Vine St. TRANSMITTER LOCATION: 519 Vine St. TIME ON THE AIR: 7:00 A.M. to 12:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System

### Personnel

Secretary-Treasurer and Gene	ral Manager,
	Clarence Leich
Station Manager	Martin L. Leich
Program Director	Pat Roper
Chief EngineerJohn	B. Caraway, Jr.

### Coverage

cocci u	9~	
	Daytime	Evening
Population—Primary	259,200	139,300
Radio Homes— "	60,760	34,100
Population—Secondary	325,900	109,100
Radio Homes "	69,470	24,660
Source: CBS Mail Count	Study: U.	S. Dept.
of Commerce.		

# Representative Weed & Co.

# WGBF

### EVANSVILLE—EST. 1925

NBC (Red and Blue)

FREQUENCY: 1280 Kc. POWER: 5000 watts, d.: 1000 watts, n. OWNED BY: Evansville on the Air, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 519 Vine St.: PHONE: 2-1171. STUDIO ADDRESS: 519 Vine St.: TRANSMITTER LOCATION: Burkhart Road. PHONE: 3-7011. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

# Personnel

General ManagerClarence Leich
Program DirectorPat Roper
Chief EngineerFay Gehres
Carrie and an extended

### Coverage

Population—Primary & Secondary... 1,323,095
Radio Homes— " ... 185,600
Source: U. S. Census; Joint Committee; field intensity measurements.

### Representative

Weed & Co.

# WGL

### FORT WAYNE-EST, 1924

NBC—SUPPLEMENTARY BASIC RED & BLUE FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Westinghouse Radio Stations, Inc. OPERATED BY: Westinghouse Radio Stations. Inc. BUSINESS ADDRESS: 925 S. Harrison. PHONE: Anthony 2136-7. STUDIO ADDRESS: 925 S. Harrison. TRANSMITTER LOCATION: Junction of Highways No. 30 and No. 33, TIME ON THE AIR: 6:00 A.M. to midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, C. P. MacGregor.

### Personnel

Vice-President
Station Manager
Commercial Manager Frank V. Webb
Auditor Kenneth Foellinger
Sales Premotion MgrJack O'Mara
Program DirectorFranklin A. Tooke
Production DirectorCarl Vandagrift
Chief Announcer J. Howard Ackerley
Musical DirectorJeane Brown
Wcmen's Program DirectorJane Weston
Farm Program DirectorJim Conway
Chief EngineerRobert G. Duffield, Jr.
<b>C</b>

### Coverage

Population—Primary			30	0,798
Radio Homes— "			7	0,429
Source: Mail resp	onse	analysis	and	field
strangth magazzaman				

# Representative National Broadcasting Co.

# wowo

### FORT WAYNE—EST. 1925

NBC BASIC BLUE

FREQUENCY: 1190 Kc. POWER: 50000 watts. OWNED BY: Westinghouse Radio Stations. Inc. OPERATED BY: Westinghouse Radio Stations, Inc. BUSINESS ADDRESS: 925 S. Harrison, Westinghouse Building. PHONE: Anthony 2136-7. STUDIO ADDRESS: Westinghouse Bldg. TRANSMITTER LOCATION: Intersection of Routes Nos. 30 and 33, Fort Wayne. TIME ON THE AIR: 6:00 A.M. to local sunset; shares evening time with WWVA. NEWS SERVICE: United Press, TRANSCRIPTION SERVICE: United Press, TRANSCRIPTION SERVICE: NBC Thesaurus, C. P. MacGregor.

### Personnel

Vice-President	.Walter Evans
Station Manager	J. B. Conley
Commercial Manager	Frank V. Walsh
AuditorKer	nneth Foellinger
Program Manager	Franklin Tooke
Sales Promotion Mgr	Jack O'Mara
Chief AnnouncerJ.	Howard Ackley
Women's Program Director	Jane Weston
Production Director	Eldon Campbell

Farm Program Director
Musical DirectorJeane Brown
Chief EngineerRobert G. Duffield, Jr.

### Coverage

	Daytime	Evening
Population—Primary	2,072,350	2,292,070
Radio Homes— "	507,390	556,870
Population—Secondary	4,014,600	2,465,760
Radio Homes— "	969,760	606,630
Source: NBC Airea m	ethod of	circulation
ascertainment.		

### Representative

National Broadcasting Co.

### WIND GARY—EST. 1927

CBS

FREQUENCY: 560 Kc. POWER: 5000 watts. OWNED BY: Johnson-Kennedy Radio Corp. OFERATED BY: Johnson-Kennedy Radio Corp. BUSINESS ADDRESS: 504 Broadway. PHONE: Gary 9191. NATIONAL ADVERTISING OFFICE: 220 N. Michigan Ave., Chicago, Ill. PHONE: State 4176. STUDIO ADDRESS: 504 Broadway. TRANSMITTER LOCATION: Black Oak, Ind. TIME ON THE AIR: 6:00 A.M. to 4:00 A.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

### Coveraae

Population—Primary			8,506,156
Radio Homes—"			1,886,405
Source: Field inten-	sily	measuremen	ıłs.

### Representative

The Foreman Co.

# WHIP

### HAMMOND—EST. 1937

FREQUENCY: 1520 Kc. POWER: 5000 waits. OWNED BY: Hammond-Calumet Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 5935 Hohman Ave. PHONE: Hammond 10000. SALES OFFICE ADDRESS: 25 E. Jackson Blvd., Chicago. Ill. PHONES: Webster 3234 and Plaza 4300. STUDIO ADDRESSES: 5935 S. Hohman Ave., Hammond: and 25 E. Jackson Blvd., Chicago. Ill. TRANSMITTER LOCATION: Hammond. TIME ON THE AIR: 6:00 A.M. to local sunset (at Buffalo, N. Y.). NEWSPAPER AFFILLATION: Lake County (Ind.) Times. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Lang-Worth. MAINTAINS ARTISTS' BUREAU.

### Personnel

President-General Manager. Ge	orge F. Courrier
Managing Director	Doris Keane
Program Director	. Elmer Herkner
Production Manager	Emmett Jackson
Chief Announcer	Ralph Eddy
Musical Director	Reinhardt Elster
Chief Engineer	H. V. Fitzcharles

Coverage

 Population—Primary
 5,537,000

 Radio Homes—"
 1,729,000

 Population—Secondary
 1,661,000

 Radio Homes—"
 337,500

Source: Station survey.

# W J O B

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: O. E. Richardson and Fred L. Adair. OPERATED BY: O. E. Richardson and Fred L. Adair. BUSINESS ADDRESS: 5935 Hohman Ave. PHONE: 9800. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Douglas Park. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight.

### Personnel

Station Manager	O. E. Richardson
Commercial Manager	R. C. Adair
Program Director	W. R. Bean
Sales Promotion Manager	Stanley Davis
Chief Announcer	loward Dunovan
Musical DirectorJose	ph Gibbs Spring
Chief Engineer	John Felthouse

Coverage

 Population—Primary
 2,242,453
 519,046

 Radio Homes
 606,091
 280,000

 Population—Secondary
 3,500,000
 1,200,000

 Radio Homes
 900,000
 400,000

 Source: Station survey
 300,000
 400,000

Representative
Associated Radio Sales

# WFBM

### INDIANAPOLIS-EST. 1924

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1260 Kc. POWER: 5000 watts. OWNED BY: WFBM, Inc. OPERATED BY: WFBM, Inc. DESS: 48 Monument Circle. PHONE: Lincoln 8506. STUDIO ADDRESS: 48 Monument Circle. TRANSMITTER LOCATION: Rural Route 13, Box 125-G, Indianapolis. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight: Sundays, 7:30 A.M. to 12:00 midnight. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated Music Publishers.

### Personnel

President	H.	M.	Bitner,	Sr.
Station Manager	Les	ter	W. Lind	low
Publicity Director	.A.	Her	bert Gr	een

Office Manager	, Harry	M.	Bitner,	Jr.
Chief Announcer		.H.	J. Piers	on
Program Director	<b>.</b>	.F.	O. Sho	пр
Musical Director	. Walter	H.	Reulea	ux
Chief Engineer	Н	arole	d Holla	nd

### Coverage

Daytime Evening
Population—Primary . . . . 1,509,700 678,697

Source: Field test measurements.

Representative
The Katz Agency

# WIBC

# INDIANAPOLIS—EST. 1938 MUTUAL BROADCASTING SYSTEM

FREQUENCY: 1070 Kc. POWER: 5000 watts, d.: 1000 watts, n. OWNED BY: Indiana Broadcasting Corp. OPERATED BY: Indiana Broadcasting Corp. BUSINESS ADDRESS: 350 N. Meridian St. PHONE: Lincoln 2305, STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Northwest of Indianapolis. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight. NEWS SERVICE: United Press, MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC

Thesaurus. Personnel

Lester Huft
Chief Announcer. William Schingle
Continuity Director. John Byrnes
Traffic Manager. Rosemary Horn
Chief Engineer. Harry Adams

Coverage

Joint Committee.

Representative

Howard H. Wilson Co.

# WIRE

INDIANAPOLIS-EST. 1926

NATIONAL BROADCASTING CO.—MUTUAL FREQUENCY: 1430 Kc. POWER: 5,000 waits. OWNED BY: Indianapolis Broadcasting, Inc. BUSINESS ADDRESS: Claypool Hotel. PHONE: RI 1541-2-3. STUDIO ADDRESS: Claypool Hotel. TRANSMITTER LOCATION: Ralston Road. TIME ON THE AIR: 6:00 A.M., to 1:00 A.M., daily: 7:30 A.M. to 1:00 A.M., Sundays. NEWS AFFILIATION: Central Newspapers. Inc. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICES: World Broadcasting System. Standard Radio.

### Personnel

PresidentEugene C. Puliam
Business ManagerRex Schepp
Secretary-Treasurer
Sales Promotion Manager Lawrence Hammer
Program Director
Publicity DirectorEugene S. Pulliam
Public Relations DirectorWalter A. Shead
Chief Announcer-Musical Director . Harry Bason
Chief Engineer

### Coverage

Population—Primary	1,569,900
Radio Homes— "	393.500
Population—Secondary	1,872,000
Radio Homes— "	422,700
Source: Station survey.	

Representative

# George P. Hollingbery Co.

### INDIANAPOLIS-EST. 1941

NATIONAL BROADCASTING CO.

FREQUENCY: 1280 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: Capitol Broadcasting Corp. OPERATED BY: Capitol Broadcasting Corp. BUSINESS ADDRESS: Indianapolis. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: East of Indianapolis, Warren Township. TIME ON THE AIR: Unlimited license.

### Personnel

President	. Bruce McConnell
Treasurer	Edward H. Harris
Vice-President	Alvin R. Jones
Station Manager	W. W. Behrman
Commercial Manager	R. E. Bausman

Station was licensed to operate under a construction permit at time of going to press and no further information was available.

# **W K M O\***

### KOKOMO-EST. 1941

FREQUENCY: 1420 Kc. POWER: 250 watts. OWNED BY: Kokomo Broadcasting Corp. OPERATED BY: Kokomo Broadcasting Corp. BUSINESS ADDRESS: 400 North Main St. STUDIO ADDRESS: Same. TRANSMITTER LOCATION ADDRESS: Same. TRANSMITTER LOCATION A.M. to 11:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Lang-Worth. MAINTAINS ARTISTS' BUREAU.

### Personnel

President Commercial

1 tesident-commercial
ManagerDr. Charles K. Boyajian
Station ManagerLes Ryder
Production ManagerBudd Hibbs
Artists' Bureau HeadKatheleen Wilson
Chief AnnouncerCharles Boyajian, Jr.
Chief EngineerWilbur Nongesser

### Representative

Cox & Tanz

\*Station was licensed to operate under a construction permit at time of going to press.

# WLBC

### MUNCIE-EST. 1926

FREQUENCY: 1340 Kc. POWER: 250 waits. OWNED BY: Donald A. Burion. OPERATED BY: Donald A. Burion. BUSINESS ADDRESS: 8 Anthony Bldg. PHONE: 4404. STUDIO ADDRESS: 8 Anthony Bldg. TRANSMITTER LOCATION: 8 Anthony Bldg. TIME ON THE AIR: 5:30 A.M. to 11:30 P.M. NEWS SERVICES: United Press and local news department. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Associated Music Publishers.

### Personnel

Owner	Donald A. Burton
Commercial Manager	Wm. F. Cralg
Station Manager	Donald A. Burton
Sales Manager	Wm. F. Craig
Publicity Director	Ed De Miller
Musical Director	Carl Noble
Chief Engineer	Maurice Crain

### Coverage

0000.470	
Population—Primary	350,593
Radio Homes— "	68,900
Population—Secondary	411,757
Radio Homes— "	72,500
- A	

Source: Station survey.

# Representatives Forjoe & Co. (New York)

# WGRC

NEW ALBANY (LOUISVILLE, KY.) EST. 1926

# MUTUAL BROADCASTING SYSTEM SOUTHERN NETWORK

FREQUENCY: 1400 Kc. POWER: 250 waits. OWNED BY: Northside Broadcasting Corp. OPERATED BY: Northside Broadcasting Corp. BUSINESS ADDRESS: Elsby Bldg. PHONE: Wabash 3343. STUDIO ADDRESS: Elsby Bldg., New Albany; Kentucky Home Life Bldg., Louisville; Jeffersonville. TRANSMITTING LOCATION: McCulloch Pike. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M. NEWS SERVICE: Transradio Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Associated, Standard Radio, Lang-Worth,

### Personnel

President and Manager	S. A. Cisler
Commercial Manager	J. Porter Smith
Business Manager	C. L. Harris
Musical Director	lsabel Schroeder
Chief Engineer	H. W. Hathaway

### Coverage

| Daytime | Evening | Population—Primary | 448,300 | 420,000 | Radio | Homes— " | 114,060 | 110,000

Population—Secondary . 132,400 Radio Homes— " 26,560

Source: Station survey.

### Representative

Burn-Smith Company

# WKBV

### RICHMOND-EST. 1926

FREQUENCY: 1490 Kc. POWER: 250 watts.
OWNED BY: Knox Radio Corp. OPERATED
BY: Knox Radio Corp. STUDIO ADDRESS:
225 North 8th St. TRANSMITTER LOCATION:
North of Richmond. TIME ON THE AIR: Full
time license. TRANSCRIPTION SERVICE:
Lang-Worth.

### Personnel

# WFAM\*

### SOUTH BEND-EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1230 Kc. POWER: 100 watts. OWNED BY: South Bend Tribune. OPERATED BY: South Bend Tribune. BUSINESS ADDRESS: 225 West Colfax Ave.

\*Station is to give up its license as of March 29, 1941.

# WSBT

### SOUTH BEND-EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 960 Kc. POWER: 500 watts. CWNED BY: South Bend Tribune. OPERATED BY: South Bend Tribune. BUSINESS ADDRESS: 225 West Colfax Ave. PHONE: 3-6161. STUDIO ADDRESS: 225 West Colfax Ave. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight; Sundays, 8:00 A.M. to 12:00 midnight; Sundays, 8:00 A.M. to 12:00 midnight. NEWSPAPER AFFILIATION: South Bend Tribune. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated Library, Standard Radio,

### Personnel

PresidentF.	Ā.	Miller
Station ManagerFranklin	D.	Schurz
Commercial ManagerR.	H.	Swintz
Chief AnnouncerRe	ober	t Drain
Publicity Director Mary	Sto	ckdale
Musical Director	lan	Hogan
Chief Engineer	H	I. Cole

### Representative

Paul H. Raymer Company

# **WBOW**

### TERRE HAUTE—EST. 1926

NBC (RED and BLUE)

FREQUENCY: 1230 Kc. POWER: 250 waits. OWNED BY: Banks of Wabash. Inc. OPERATED BY: Banks of Wabash. Inc. BUSINESS ADDRESS: 303 S. 6th St. PHONE: Crawford 3394. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: First St. and Peyton Ave. TIME ON THE AIR: 6:45 A.M. to 12:00 midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth, Standard Radio.

### Personnel

President	Alvin Eads
Auditor	Martha Turner
Program Director	Leo Baxter
Production Manager	George Jackson
Continuity Chief	Ruthmary Morton
Chief Announcer	Marold Ross
Chief Engineer	Stokes Gresham, Ir.

### Coverage

Population—Primary	317,196
Radio Homes "	78,293
Population—Secondary	573,511
Radio Homes— "	136,815
Source: Field intensity measurement	nter Toint

Committee.

Representative

Weed & Co.

# WAOV

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Vincennes Newspapers, Inc. OPERATED BY: Vincennes Newspapers, Inc. BUSINESS ADDRESS: Grand Hotel. STUDIO ADDRESS: Grand Hotel. FNONE: 787-8. TRANSMITTER LOCATION: U. S. Highway No. 41. TIME ON THE AIR: 6:00 A.M. to 10:00 P.M., Sundays, 8:00 A.M. to 10:00 P.M. NEWSPAPER AFFILIATION: Vincennes Sun Commercial. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: World Broadcasting System.

### Personnel

General Manager ....... Howard N. Greenlee Station Manager ........ Victor H. Lund Commercial-Sales Promotion Manager, John Carl Jefry

Program Director-Chief Announcer,

### Coverage

Population—Primary .... 70,000 Evening 40,000

Source: Station estimate.

Representative

George P. Hollingbery Co.

EST. 1922

FREQUENCY: 920 Kc. POWER: 5000 watts d.: 1000 watts, n. OWNED BY: Purdue University. OPERATED BY: Purdue University. BUSINESS ADDRESS: West Lafayette. PHONE: 6076. STUDIO ADDRESS: Electrical Engineering Bldg. TRANSMITTER LOCATION: Electrical Engineer-

ing Bldg. TIME ON THE AIR: 11:00 A.M. to 5:00 P.M. (Mon., Tues., Wed., Thurs., Fri.); 11:00 A.M. to 4:00 P.M. (Saturday). TRANSCRIPTION SERVICE: Standard Radio.

Personnel

Station Manager, Program Director Gilbert D. Williams Asst. Program Director......Fred L. Conger Chief Engineer......Ralph R. Townsley

# 

Population 2,538,268 Number of Families 700,173 Number of Radio Homes 595,720 Auto Registrations 785,299

For 1940 Census data, please turn to page 253

AMES-EST. 1921 (as 9YI)

FREQUENCY: 640 Kc. POWER: 5000 OWNED BY: Iowa State College. Walts OPERATED BY: Iowa State College. BUS1-NESS ADDRESS: Ames. PHONE: 2500. STU-TRANSMITTER LO-DIO ADDRESS: Ames. CATION: Ames. TIME ON THE AIR: 6:00 a.m. to local sunset. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

Director	W. I. Griffith	
Assistant Director	A. G. Woolfries	
Chief Announcer	Robert Miles	
Editor	Rod Holmgren	
Continuity Director	Ars. Blair Converse	
Musical Director	Tolbert McRae	
Chief Engineer	Louie L. Lewis	
(Non-Commercial Sation)		

BOONE

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Boone Biblical Callege. OPER-ATED BY: Boone Biblical College, BUSINESS STUDIO ADDRESS: ADDRESS: Boone, lg. THANSMITTER LOCATION: TIME ON THE AIR: Specified hours during daytime. Personnel

Manager..... .....Lois Crawford (Non-Commercial Station)

CEDAR RAPIDS, WATERLOO-

EST. 1922 CBS-MUTUAL

THE COWLES GROUP

FREQUENCY: 600 Kc. POWER: 5,000 Watts, OWNED BY: Iowa Broadcasting Co. OPE- RATED BY: Same. BUSINESS ADDRESS: Paramount Bldg., Cedar Rapids-Russell Lamson Hotel, Waterloo. PHONE: Cedar Rapids 6127, Waterloo 236. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Marion. TIME ON THE AIR: 5:30 A.M. to 12:00 midnight; Sunday, 7:00 A.M. to 12:00 midnight. NEWSPAPER AFFILIATION: Des Moines Register and NEWS SERVICE: United Press. Tribune. TRANSCRIPTION SERVICE: World Broadcasting System, NAB Library, Davis & Schwegler, Lang-Worth.

Personnel

President......Gardner Cowles, Jr. V.P. and General Manager....S. D. Quarton Commercial Manager

W. B. Quarton (Cedar Rapids) Commercial Manager...Don Inman (Waterloo) National Sales Manager.....Ted Enns Sales Promotion Manager.....Leo F. Cole Program-Musical Director.... Douglas B. Grant Production Manager.....Benne Alter Publicity Director......L. Von Linder Chief Announcer.....Bert Puckett 

Coverage

Population—Primary ..... 3,315,822 Radio Homes— " 778,680

Source: Field strength survey.

Representative

The Katz Agency

DAVENPORT-EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1450 Kc. POWER: 250 waits. OWNED BY: Tri City Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 1000 Brady St. PHONE: 2-3521, STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 18 hours daily: 15 hours, Sundays (123 hours weekly). NEWS

SERVICE: United Press.	TRANSCRIPTION SER-
VICE: World Broadcastin	ng System, Associated.

### Personnel

President	. Col.	В. ]	j. Palmer
Vice-President		.Dav	e Palmer
General Manager	J.	Buryl	Lottridge
Sales and Sales Promotion	Man	ager,	

L. O. Fitzgibbons
Program DirectorCharles Freburg
Publicity DirectorJack Paulsen
News Editor-Chief Announcer Bill Voss
Traffic ManagerPaul Clark
Musical DirectorPat Maynard
Chief Engineer

### Coverage

	Daytime	Lvening
Population—Primary	180,800	198,100
Radio Homes "	42,730	46,160
Population—Secondary	1,113,400	564,300
Radio Homes—"	. 264.550	138,600
Source: CBS Listener S	tudy.	

# Representative Free & Peters, Inc.

# KWLC

DECORAH-EST, 1926

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Luther College. OPERATED BY: Luther College. BUSINESS ADDRESS: 600 Leiv Eiriksson Drive. PHONE: 690. STUDIO ADDRESS: C. K. Preus Auditorium. TRANSMITTER LOCATION: Larsen Hall. TIME ON THE AIR: Daytime license (35 hours weekly).

### Personnel

Director Evelyn	Steele
Production Manager	t E. Lee
Music Director Professor T. H	. Nickel
Chief EngineerO. M.	Eittreim
(Non-Commercial Station)	

# KRNT

# DES MOINES—EST. 1935 CRS—THE COWLES STATIONS

FREQUENCY: 1350 Kc. POWER: 5000 waits. OWNED BY: Iowa Broadcasting Co. OPERATED BY: Iowa Broadcasting Co. BUSINESS ADDRESS: Des Moines Register & Tribune Bldg. PHONE: Des Moines 3:2111. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Southeast of Des Moines. TIME ON THE AIR: 12712 hours weekly. NEWSPAPER AFFILLATION: Des Moines Register & Tribune. NEWSERVICE: United Press. Associated Press. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

Cardner Courles Ir

President
General ManagerLuther L. Hill
Assistant General Manager and
Commercial ManagerCraig Lawrence
National Sales ManagerTed Enns

Program Director	Ed Linehan
Sales Promotion Manager	Wayne Welch
Publicity Director	Mary Little
Chief Announcer	Dale Morgan
Musical Director	Dick Teela
Chief Engineer	Paul Huntsinger
C	

Coverage

 Population—Primary
 843,104

 Radio Homes—"
 200,750

Source: U. S. Census; Joint Committee.

### Representative

The Katz Agency

# K S O

### DES MOINES-EST. 1932

NBC (BLUE)—MBS—THE COWLES STATIONS FREQUENCY: 1460 Kc. POWER: 5000 watts. OWNED BY: The Iowa Broadcasting Co., subsidiary of the Des Maines Register and Tribune. OPERATED BY: Same. BUSINESS ADDRESS: 715 Locust St. PHONE: 3-2111. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Southeast of Des Moines. TIME ON THE AIR: 132 hours weekly. NEWSPAPER AFFILIATION: Des Moines Register & Tribune. NEWS SERVICE: United Press, Associated Press, MAINTAINS ARTISTS: BUREAU. TRANSCRIPTION SERVICES: Standard Radio.

### 

General ManagerLuther Hill
Assistant General Manager and
Commercial ManagerCraig Lawrence
National Sales Manager Ted Enns
Program DirectorEd Linehan
Sales Promotion ManagerWayne Welch
Publicity Director
Chief Announcer
Musical Director

### 

Population—Primary	 812.340
Radio Homes— "	 192,968

Source: U. S. Census; Joint Committee.

# Representative The Katz Agency

# w i o

# DES MOINES—EST. 1924 NBC—CORN BELT WIRELESS

REBROADCASTING SERVICE

FREQUENCY: 1040 Kc. POWER: 50,000 Watts. OWNED BY: Central Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 914 Walnut St. PHONE: 3-7147. TRANSMITTER LOCATION: Mitchellville. TIME ON THE AIR: 5:30 A.M. to 1:00 A.M.: Sundays. 8:00 A.M. to 12:00 midnight. NEWS SERVICE: United Press, International News Service, TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

President	Col. B. J. Palmer
V.P. & Treasurer	D. D. Palmer
V-P & Station Manager	J. O. Maland
Secretary	William Brandon
Sales Manager	Hale Bondurant
Publicity Director	Woody Woods
Program Director	Harold Fair
Technical Director	Paul A. Loyei
Canara	1000

Coverage

Representative

Free & Peters, Inc.

# K D T H \*

FREQUENCY: 1370 Kc. POWER: 1000 watts, OWNED BY: Telegraph Herald. OPERATED BY: Telegraph Herald. BUSINESS ADDRESS: Dubuque, STUDIO ADDRESS: Same. TRANSMITTER LOCATION: E, Dubuque, III. NEWS AFFILIATION: Dubuque Telegraph Herald.

'Station was licensed to operate under a construction permit at time of going to press and no further information was available.

# WKBB DUBUQUE—EST. 1933

NATIONAL BROADCASTING CO.

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Sanders Bros. Radio Station. OPERATED BY: Sanders Bros. Radio Station. BUSINESS ADDRESS: Hotel Julien. PHONE: Dubuque 572. STUDIO ADDRESS: Hotel Julien. TRANSMITTER LOCATION: Rural Route No. 2. TIME ON THE AIR: 6:30 A.M. to midnight (daily), 8:00 A.M. to midnight (Sunday). NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Associated, NBC Thesaurus.

### Personnel

President	Walter	E. Klauer
Station Manager	James D.	Carpenter
Program Director	Gleasor	E. Kistler
Musical Director-Chief A	nnouncer,	
	·	_

Vaughn Gayman
Publicity Director Sig Fritschel
Chief Engineer Leonard Carlson

Coverage

| Daytime | Evening | Population | 379,549 | Radio | Homes | 85,517 | 40,140 |

Representative
International Radio Sales

KVFD FORT DODGE—EST. 1939

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Northwest Broadcasting Co. OP- ERATED BY: Northwest Broadcasting Co. BUSINESS ADDRESS: Warden Bldg. PHONE: Walnut 3761. STUDIO ADDRESS: Warden Bldg. TRANSMITTER LOCATION: Fort Dodge. TIME ON THE AIR: 102 hours weekly. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

### Personnel

President Edward Breen
Commercial ManagerCharles A. Kennedy
Program DirectorNick Bame
Chief EngineerJack Duncar
•

Coverage

Population—Primary 469,619
Radio Homes— " 109,214

# WSUI

### **IOWA CITY**

FREQUENCY: 910 Kc. POWER: 50000 watts, d.: 1000 watts, n. OWNED BY: State Univ. of Iowa. OPERATED BY: State Univ. of Iowa. OPERATED BY: State Univ. of Iowa. BUSINESS ADDRESS: Iowa City. PHONE: University 2111-237. STUDIO ADDRESS: Iowa City. TRANSMITTER LOCATION: Iowa City. TIME ON THE AIR: 80 hours weekly. NEWS SERVICE: Associated Press.

### Personnel

Chairman Radio BoardBruce E. Mahan
Station DirectorCarl H. Menzer
Program DirectorPearl B. Broxam
Production Prof. H. Clay Harshberger
Staff Announcer
Chief Engineer

(Non-Commercial Station)

# KFJB

### MARSHALLTOWN—EST, 1923

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Marshall Electric Co. OPERATED BY: Marshall Electric Co. BUSINESS ADDRESS: 1603 W. Main St. PHONE: 3361. STUDIO ADDRESS: 1603 W. Main St. TRANSMITTER LOCATION: 2 miles northwest of town. TIME ON THE AIR: 6:00 A.M. to 10:00 P.M. (daily): 11:00 to 7:00 P.M. (Sunday). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: C. P. MacGregor.

### Personnel

President and Station Manager....Earl Peak Chief Engineer..............Wayne Peak

Coverage

				•	•				
Population—Primary									385,293
Radio Homes—"									88,418
Population—Secondar	Ţ	,							215,296
Radio Homes— "	_								58.842

Source: Mail response analysis.

Representative Furgason & Walker

# KGLO

# MASON CITY—EST. 1937 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1300 Kc. POWER: 1000 watts. OWNED BY: Mason City Globe Gazette Co. OPERATED BY: Mason City Globe Gazette Co. BUSINESS ADDRESS: Hotel Hanford. PHONE: 2800. STUDIO ADDRESS: Hotel Hanford. TRANS-MITTER LOCATION: 2 miles west of M. C. on Highway 18. TIME ON THE AIR: 6:00 A.M. to 12:00 P.M. (daily): 7:00 A.M. to 12:00 P.M. (Sunday). NEWSPAPER AFFILIATION: Mason City Globe-Gazette. NEWS SERVICES: United Press and Globe Gazette City Reporters and correspondents in North Iowa and Southern Minn. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio, and NAB Library.

### Personnel

Station ManagerF. C. Eighmey	Y
Program Director	е
Production Manager	s
Publicity Director	ĸ
Chief EngineerLeo Born	n

### Coverage

	Daytime
Population—Primary	178,700
Radio Homes— "	38,370
Population—Secondary	480,600
Radio Homes—"	106,280
Source: CBS Listener Study.	

# Representative

Weed & Co.

# KBIZ

### OTTUMWA-EST. 1941

FREQUENCY: 1240 Kc. POWER: 100 waits.
OWNED BY: J. D. Falvey. OPERATED BY:
J. D. Falvey. BUSINESS ADDRESS: Oitumwa.
Phane: 5480. STUDIO ADDRESS: Same.
TRANSMITTER LOCATION: Same. TIME ON
THE AIR: 18 hours daily. NEWS SERVICE:
United Press. TRANSCRIPTION SERVICE:
World Broadcasting System, C. P. MacGregor.

### Personnel

Station ManagerJ. D.	"Jack" Falvey
Commercial Manager	. R. Livingston
Program-Musical Director	Stan Corley
Production Manager-Publicity D	irector,

		James	Downey
Chief	Announcer		Ballagh
Chief	Engineer	Wayne	Hatchett

### Coverage

	Daytime	Evening
PopulationPrimary	163,000	48,500
Radio Homes— "	41,160	10,235
Source: Station survey:	Joint Comm	rittee.

# KFNF

### SHENANDOAH—EST. 1924

FREQUENCY: 920 Kc. POWER: 1000 watts. d.: 500 watts. n. OWNED BY: KFNF. Inc. OPERATED BY: KFNF. Inc. BUSINESS ADDRESS: 407 Sycamore. PHONE: No. 1—departmental connections. STUDIO ADDRESS: 407 Sycamore St. TRANSMITTER LOCATION: 407 Sycamore St. TIME ON THE AIR: (daily) 5:30 A.M. to 4:00 P.M.; 5:00 P.M. to 9:00 P.M.; (Saturday) 5:30 A.M. to 10:00 P.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

ManagerJohn Nicholson
Commercial ManagerE. C. Woodward
Chief Engineer

### Coverage

Population—Primary	 1,267,512
Radio Homes "	 264,630
Pcpulation—Secondary	 1,142,149
Radio Homes "	 250,000
Commercial Services	

Source: Mail response analysis. **Representative** 

Reynolds-Fitzgerald, Inc.

# KMA

### SHENANDOAH—EST. 1925

NBC-BLUE AND MUTUAL
CORN BELT WIRELESS REBROADCASTING
SERVICE

FREQUENCY: 960 Kc. POWER: 5000 watts, d.: 100 watts, n. OWNED BY: May Broadcasting Co. OPERATED BY: May Broadcasting Co. BUSINESS ADDRESS: Lowell and Elm Sts. PHONE: 192. STUDIO ADDRESS: Lowell & Elm Sts. TRANSMITTER LOCATION: Shenandoah Rt. 48. TIME ON THE AIR: 4:30 A.M. to 12:00 midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System. MAINTAINS ARTISTS' BUREAU.

### Personnel

President	Earl E. May
Station & Commercial Mgr,	J. (Cy.) Rapp
Program Director	Fred Greenlee
Sales Promotion Manager	.Owen Saddler
Artists' Bureau Head	Clifford Cross
Musical Director	Faylon Geist
Chief Engineer	Ray Schroeder

### Coverage

	Daytime	Evening
Population—Primary	2,200,100	1,261,464
Radio Homes— "	476,440	285.330
Population -Secondary	1,884,060	1.792.410
Radio Homes- "	451,710	388,130
Source: Field intensity	measurem	ents and

Representative

mail response analysis.

Free & Peters, Inc.

# KSCJ

### SIOUX CITY-EST. 1927

NATIONAL BROADCASTING CO. FREQUENCY: 1360 Kc. POWER: 5000 waits. OWNED BY: Perkins Bros. Co. OPERATED BY: Same. BUSINESS ADDRESS: 415 Douglas St. PHONE: 57993. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 4500 Floyd Ave. TIME ON THE AIR: 6:00 A.M. to midnight. NEWSPAPER AFFILIATION: Sioux City Journal. NEWS SERVICE: Associated Press, TRANSCRIPTION SERVICE: C. P. MacGregor, Davis & Schwegler.

### Personnel

President	William H. Sammons
Station Manager	Eugene T. Flaherty
Program Director	
Chief Announcer	Charles Sebastian
Musical Director	Everett Timm
Chief Engineer	S. C, Dier

### Coverage

Population—Primary	1,189,871
Radio Homes— "	40,000
Population—Secondary	1,688,810
Radio—Homes— "	200,000
Source: Field intensity measurement	nts: U. S.
Canque	,

### Representative

George P. Hollingbery Co.

### KTRI

### SIOUX CITY-EST. 1938

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Sioux City Broadcasting Co. OPERATED BY: Sioux City Broadcasting Co. BUSINESS ADDRESS: Commerce Bldg., 8th & Nebraska Sis. PHONE: 8-0165. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to midnight. NEWSPAPER AFFILIATION: The Sioux City Tribune. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU, TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

President	Eugene Kelly
General Manager	. Dietrich Dirks
Program Director	. Gordon Horner
Commercial Manager	Ray Jensen
Artists' Bureau Head	Bernie Mart
Publicity Director	Vincent Skaff
Chief AnnouncerNorn	man Schmeling
Chief Engineer	Carleton Gray

### Coverage

	Daytime Evening
Population—Primary	476,940 476,940
Radio Homes— "	101,430 101,430
Source: Field intensity	measurements.

# Representative Furgason & Walker, Inc.

# KANSAS

Population 1,801,028

Number of Radio Homes 379,160

Number of Families 512,090

Auto Registrations 576,000

For 1940 Census data, please turn to page 254

# KVAK

### ATCHINSON-EST, 1939

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Carl Latenser. OPERATED BY: Carl Latenser. BUSINESS ADDRESS: Latemer Bldg., 622 Commercial St. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: East Atchinson. TIME ON THE AIR: 6:30 A.M. to 10:30 P.M. TRANSCRIPTION SERVICES: C. P. MacGregor.

### Personnel

Owner & Director......Carl Latenser

# KGGF

COFFEYVILLE—EST. 1930 MUTUAL BROADCASTING SYSTEM

FREQUENCY: 690 Kc. POWER: 5000 watts. OWNED BY: Hugh J. Powell. OPERATED BY: Same. BUSINESS ADDRESS: Eighth & Elm Sts. PHONE 147. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: South Coffeyville. TIME ON THE AIR; 6:00 A.M. to 11:00 P.M. NEWSPAPER AFFILIATION: The Coffeyville Journal. NEWS SERVICE: The Associated Press. TRANSCRIPTION SERVICE: NBC

Thesaurus. Personnel

• • •	KAI
Program Director-Chief Announcer,	
Dick Co	mphall
Publicity Director Elear	V
Musical DirectorOzzie C	
Chief Engineer	aminel
Coverage	
Pepulation—Primary	717,900
	132,800
	503,900
	102,000
Source: Field intensity measurements.	
Representative	•
The Katz Agency	
1/ O'N O	
KGNO	
DODGE CITY—EST. 1930	
FREQUENCY: 1370 Kc. POWER: 1000	watts,
d.: 250 Watts, n. OWNED BY: Dodg	re City
Broadcasting Co. OPERATED BY:	Same.
BUSINESS ADDRESS: Globe Bldg. P	HONE:
1100. STUDIO ADDRESS: Same. 7	RANS-
MITTER LOCATION: Westview Park.	
ON THE AIR: 7:00 A.M. to 2:00 P.M. or	
P.M. 10 10:00 P.M. NEWSPAPER AFFILIA	
Dodge City Globe. NEWS SERVICE:	
aled Press. TRANSCRIPTION SERVICE:	Stand-
ard Radio. Personnel	
President	laniana
Business Manager	etersen
Commercial ManagerVaughn	ımbali
Chief EngineerRalph H	ickman
Representative	
Arthur H. Hagg and Associates	
•	
KTCW	
KTSW	
EMPORIA—EST. 1939	
MUTUAL BROADCASTING SYSTEM	M
KANSAS STATE NETWORK	
FREQUENCY: 1400 Kc. POWER: 250	
OWNED BY: Emporia Broadcasting Co.	
ATED BY: Same, BUSINESS ADDRES	S: 613
Merchant. PHONES: 153 and 154. S	TUDIO
ADDRESS: Same. TRANSMITTER LOCA	ATION:
Emporia. TIME ON THE AIR: 6:00 A.M. to	
Midnight, daily; 7:30 A.M. to 12:00 Mi	
Sundays. NEWS SERVICE: United	
TRANSCRIPTION SERVICE: C. P. Macc	regor.
Personnel	
PresidentS. B. V	<i>W</i> arren
Station Manager	
Commercial ManagerHenry Ellen	
Production-Sales Promotion Manager,	•
Robert B	renner
Program DirectorLarry	Simm-
Chief Engineer Paul H. I	Juniels
Coverage	
	293,733
Radio Homes— "	58.130
Representative	

Representative

Sears & Ayer, Inc.

GARDEN CITY-EST, 1935

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Garden City Broadcasting Co. OPERATED BY: Garden City Broadcasting Co. BUSINESS ADDRESS: 404 N. Main. PHONE: 666. STUDIO ADDRESS: 404 N. Main. PHONE: 999. TRANSMITTER LOCATION: Warner Terrace. TIME ON THE AIR: 6:00 A.M. to 7:15 P.M. daily; 10:00 A.M. to 5:00 P.M., Sundays (103 hours weekly). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: C. P. Mac-Gregor, Davis & Schwegler.

Personnel	
President	F. D. Conard
Station Manager	Al Pyatt
Chief Announcer-Musical Director	r.,
I	Dick Hamilton
Chief Engineer V	Virgil E. Creig
Coverage	
Population—Primary	833,097
Radio Homes— "	23,620
Population—Secondary	238,890
Radio Homes— "	68,881
Source: Station survey.	
Representativ	e
Cox and Tanz	

GREAT BEND-EST. 1937 MUTUAL BROADCASTING SYSTEM KANSAS STATE NETWORK

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Helen Townsley. OPERATED BY: Helen Townsley. BUSINESS ADDRESS: Cork Bldg. PHONE: 1080. STUDIO ADDRESS: Cork Bldg. TRANSMITTER LOCATION: 2 miles of Great Bend on Highway No. 281. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M.; 8:00 A.M. to 6:00 P.M., Sundays, NEWS SERVICE: Transradio Press, Associated Press

### Personnel

General ManagerClem	Morgan	
Musical Director R	ay Beals	
Program ManagerDav	e Wilson	
Chief EngineerLeo	Legleiter	
Coverage		
Radio Homes—Primary	30,000	
Padia Hamas Casandana	22.000	

Source: Field survey.

**HUTCHINSON—EST.** 1935

FREQUENCY: 1450 Kc. POWER: 100 watts. OWNED BY: Nation's Center Broadcasting Co., Inc. OPERATED BY: W. B. Greenwald. BUSI-NESS ADDRESS: 101 East Avenue A. PHONE: 5202. STUDIO ADDRESS: Same. TRANSMIT-



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### For Those Who Want Additional Information

WIBW operates with 5.000 watts, day and night, on the dominating 580 Kc. channel.

Primary service area of 206 counties in Kansas. Missouri, Nebraska, lowa and Oklahoma . . . 5.327,227 listeners.

We're mighty proud of the results obtained for our advertisers. However, we'd rather you got current "success" stories direct from them. We suggest that you write to H. D. Lee Mercantile Co., Allis Chalmers, Proctor & Gamble, General Mills, or International Harvester.

In Kansas, Missouri, Nebraska, Iowa and Oklahoma.

WIBW's wholehearted acceptance in so many radio homes is due to our many years of unceasing efforts to be of real SERVICE to our listeners... to our interest in their problems and welfare... to our friendly, neighborly programs and personalities.

We believe . . . with all our heart . . . that we can get RESULTS for you by introducing your product into these homes where we are accepted members of the family.



NEW YORK

DETROIT

CHICAGO

KANSAS CITY

SAN FRANCISCO

TER LOCATION: Hutchinson. TIME ON THE AIR: 18 hours daily. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

# KCKN

KANSAS CITY—EST. 1925 (as WLBF) 1936 (as KCKN)

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: The KCKN Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 901 N. 8th St. PHONE: Drexel 4300. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M. NEWSPAPER AFFILIATIONS: The Kansas City Kansan. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Library, Radio, NBC Thesaurus.

### Personnel

President	W. A. Bailey
Vice-President-General	
Manager	.Ellis Atteberry
Sales Promotion Manager	Jack Jones
Program Director	John Drake
Director of Publicity	Ruth Kendall
Musical Director	Ruth Royal
Chief Engineer	.C. E. Salzer, Jr.

### Coverage

	Daytime	Evening
Population—Primary	797,703	600,000
Radio Homes— "	210,530	180,000
Source: Field intensity	measureme	nts; Joint
Committee		

# Representative Capper Publications

# KFKU

### LAWRENCE-EST. 1924

FREQUENCY: 1250 Kc. POWER: 5000 watts. d.: 1000 Watts, n. OWNED BY: University of Kansas. OPERATED BY: University of Kansas. BUSINESS ADDRESS: Lawrence, KansSTUDIO ADDRESS: Same. TRANSMITTER LOCATION: Tonganoxie, Kans. TIME ON THE AIR: Shares time with WREN.

### Personnel

2 Croonings			
Director	. Harold	G.	Ingham
Assistant Program Director	. Mildred	ī.	Seaman

# WREN

### LAWRENCE-EST. 1926

### NBC-BLUE

FREQUENCY: 1250 Kc. POWER: 5000 watts. d.; 1000 Watts, n. OWNED BY: The WREN Broadcasting Co. OPERATED BY: The WREN Broadcasting Co. BUSINESS ADDRESS: WREN Bldg. PHONE: Lawrence 110. STUDIO AD-

DRESS: Same. TRANSMITTER LOCATION: Between Lawrence and Kansas City, Mo. TIME ON THE AIR: Shares time KFKU. Sunday 8:00 A.M. to 12:00 Midnight; week days, 6:30 A.M. to 3:00 P.M. and 3:30 P.M. to 12:00 Midnight (117 hours weekly). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

General Mana	ger	Verl Bratton
Promotion Dir	ectorJoh	n Bondeson
Chief Announ	cerMil	lard Ireland
Chief Enginee		Carl Bliesner

### Coverage

Population—Primary			3,699,476
Radio Homes—"			771,200
Source: Field inte	nsity	measuremen	ıts; U. S.

Census: Joint Committee.

# Representative George P. Hollingbery Co.

### edige 1. Hollingbery O

# MANHATTAN—EST. 1924

FREQUENCY: 580 Kc. POWER: 1000 Watts.
d.: 500 Watts, n. OWNED BY: Kansas State
College of Agriculture and Applied Science.
OPERATED BY: Kansas State College of
Agriculture and Applied Science. BUSINESS
ADDRESS: Manhattan. STUDIO ADDRESS:
Same. TRANSMITTER LOCATION: Same.
TIME ON THE AIR: Shares time with WIBW.

# WIBW

### TOPEKA-EST, 1925

CBS-KANSAS NETWORK

FREQUENCY: 580 Kc. POWER: 5000 watts.
OWNED BY: Capper Publications, Inc. OPERATED BY: Capper Publications, Inc. BUSI-NESS ADDRESS: Box 119. PHONE: 3-2377.
STUDIO ADDRESS: 1035 Topeka Blvd. TRANS-MITTER LOCATION: Near Topeka. TIME ON THE AIR: 4:30 A.M. to Midnight (daily): 6:00 A.M. to midnight (Sunday) (114½ hours weekly). NEWSPAPER AFFILIATION: Capper Publications. Inc. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: Standard Library, NAB Library. MAINTAINS ARTISTS' BUREAU.

### 

### Coverage

Population—Primary	1,920,500	642,600
Radio Homes— "	361,980	130,990
Population—Secondary	6,819,100	4,126,200
Radio Homes— "	1,300,100	768,900

Source: CBS Listeners and Dealers.

### Representative

Capper Publications, Inc.

# KOAM

PITTSBURG-EST, 1937 NATIONAL BROADCASTING CO. (RED & BLUE)

FREQUENCY: 810 Kc. POWER: 1000 watts. OWNED BY: Pittsburg Broadcasting Co. OP-ERATED BY: Pittsburg Broadcasting Co. BUSI-NESS ADDRESS: Commerce Bldg. PHONE: 2165-6. STUDIO ADDRESS: Commerce Bldg. TRANSMITTER LOCATION: 21/2 miles southeast of Pittsburg. TIME ON THE AIR: 5:00 A.M. to local sunset. NEWS SERVICE: International News Service.

### Personnel

President	.E. Victor Baxter
Station Manager	R. E. Wade
Sales & Promotion Manager	J. A. Schell
Program Director	Bruce Robertson
Publicity Director	Don Taylor
Chief Announcer	Bob Gadberry
Musical Director	Leota Helm
Chief Engineer	
<del>-</del>	

### Coverage

Population—Primary	
Radio Homes— "	187.483
Source: II S Census: Ini	nt Committee.

### Representative

Furgason & Walker, Inc.

# KSA

SALINA-EST, 1937

MUTUAL BROADCASTING SYSTEM

KANSAS STATE NETWORK
FREQUENCY: 1150 Kc. POWER: 1000 watis. OWNED BY: KSAL, Inc. OPERATED BY: R. J. Laubengayer. BUSINESS ADDRESS: 201 West Iron. PHONES: 100, 101 and 423. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: West State St. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight (125 hours weekly). NEWS-PAPER AFFILIATION: Salina Journal. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Lang-Worth.

### Personnel

President R. Station Manager	J. LaubengayerOwen Balch
Program Director	.Sidney Tremble
Musical Director	N. E. Vance, Jr.

### Coverage

<b>.</b>	
Population—Primary	569.525
Radio Homes—"	114,360
Source: Field intensity measurements.	•

### Representative

The Katz Agency

# KANS

WICHITA- EST, 1936

NATIONAL BROADCASTING COMPANY FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: The KANS Broadcasting Co. OP-ERATED BY: The KANS Broadcasting Co. BUSINESS ADDRESS: Hotel Lassen. PHONE: 4-2387. STUDIO ADDRESS: Hotel Lassen. TRANSMITTER LOCATION: Hotel Lassen. TIME ON THE AIR: 6:00 A.M. to 12:05 A.M. NEWS SERVICE: United Press, TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio.

### Personnel

President	Herb Hollister
General Manager	Jack Todd
Program Director	Jack Laffer
Musical Director	laymond Shelly
Chief Engineer	L. F. Heithecker
Coverage	Daytime
Population—Primary	347,885
Radio Homes— "	74,472
Source: Field intensity mean	surements; Joint
Committee.	

### Representative

International Radio Sales

# KFBI

WICHITA—EST, 1923

MUTUAL BROADCASTING SYSTEM -- KANSAS STATE NETWORK

FREQUENCY: 1070 Kc. POWER: 5000 watts, d. (C.P. 1000 watts, n.). OWNED BY: Farmers & Bankers Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: First and Market Sts. PHONES: 2-1447, 4-6452. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 42nd St. and Broadway. TIME ON THE AIR: 6:00 A.M. to sunset, Pacific Time (C.P. 125 hours weekly). NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System and Standard Radio.

### Personnel

President	H. K. Lindsley
Station Manager	K. W. Pyle
Commercial Manager	Fred L. Allen
Program Director	Coleman Ashe
Sales Promotion Manager	Clarence Rupp
Local Sales Manager	Leroy C. Stokely
Chief Announcer	Les Jarvies
Musical Director	Frank Chiddin
Chief Engineer	G. H. Johnstone
Coverag	e

Population—Primary ..... 1,010,900 Radio Homes— " Population—Secondary ...... 1,669,000 Radio Homes— " .....

Source: Mail response analysis.

### Representative

Howard H. Wilson Company

# KFH

WICHITA—EST. 1925

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1330 Kc. POWER: 5000 watts. OWNED BY: Radio Station KFH Co. OPERATED BY: Same. BUSINESS ADDRESS: York Rite Bldg. PHONE: 35254-5-6. STUDIO ADDRESS: York Rite Bldg. TRANSMITTER LOCATION: R. F. D. No. 3, Wichita. TIME ON THE AIR: (Daily) 5:00 A.M. to Midnight; (Sunday) 8:00 A.M. to Midnight. NEWS SERVICE: United Press. NEWSPAPER AFFILIATION: The Wichita Eagle. TRANSCRIPTION SERVICE: Associated Libraries.

### Personnel

Vice President-General M	grM. M. Murdock
National Sales & Promoti	on
Manager	Clark A. Luther
Business Manager	P. S. Clark
Program Director	Vernon E. Reed
Chief Engineer	Amos C. Dadisman

### Coverage

Population—Prim		 	0,000
Source: Mail intensity survey.	response		-

Representative Edward Petry & Co.

# -KENTUCKY:

Population 2,845,627 Number of Families 700,892 Number of Radio Homes 501,730 Auto Registrations 462,600

For 1940 Census data, please turn to page 256

# WCMI

ASHLAND—EST. 1935

MUTUAL—SOUTHERN NETWORK
FREQUENCY: 1340 Kc. POWER: 250 waits.
OWNED BY: Ashland Broadcasting Co. OPERATED BY: Ashland Broadcasting Co. BUSINESS ADDRESS: WCMI Bldg. PHONE: 3010-11.
STUDIO ADDRESS: WCMI Bldg.; First National Pank Bldg., Ironton. Phone 2 8358; Ohio.
Phone 678: Radio Center, Huntington, W. Va. TRANSMITTER LOCATION: 48th Street and Ohio River. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATION: Ashland Daily Independent. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

President Gilmore Nunn Station & Sales Manager Robert MacKenzie Treasurer-Business Manager Warren G. Davis Program Director Richard F. Westerkamp In Charge of Huntington Studio Bert Georges In Charge of Ironton Studio Harold Marler		
Coverage		
Population—Primary         *208,194           Population—Secondary         454,775           Radio Homes—Primary & Secondary         86,300		

<sup>\*</sup> Area covered includes 7 counties in Kenlucky. 3 in Ohio and 4 in West Virginia. Source: Station survey.

Representative
John H. Perry Associates

# WLBJ

**BOWLING GREEN—EST. 1939** 

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: Bowling Green Broadcasting Co. OPERATED BY: Bowling Green Broadcasting Co. BUSINESS ADDRESS: Fairview and Lehman Ave. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to 10:30 P.M.; Sunday, 8:00 A.M. to 10:30 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus. MAINTAINS ARTISTS' BUREAU.

### Personnel

President-General Manager...Rayburn R. Rose Program Director-Sales Promotion Manager. I. P. Turner

Chief Engineer......Earl Jaego
Coverage

 Population—Primary
 167.715

 Radio Homes—"
 23.550

# WHLN\* HARLEN—EST. 1941

FREQUENCY: 1420 Kc. POWER: 250 watls.
OWNED BY: Blaufox Radio Co., Inc. OPERATED BY: Blaufox Radio Co., Inc. BUSINESS
ADDRESS: Harlen, Ky. STUDIO ADDRESS:
Same. TRANSMITTER LOCATION: Same.
TIME ON THE AIR: Unlimited license.

### Personnel

President Combs Blanford
Secretary-Treasurer John F. Fox
Vice-President Richard B. Helms

\*Station was licensed to operate under a construction permit at time of going to press.



# YOU CAN'T RING THE BELL IN BELFRY (Ky.)!

You can ring the bell in Kentucky, all right! But not in lilliput hamlets like Belfry, Belcher, and Barrenfork! It takes the big Louisville Trading Area—where a million-plus buyers spend more money than all the rest of Kentucky put together! . . . . Alone. WAVE covers this market completely and at lowest cost. Shall we send you the proof?

# LOUISVILLE'S WAVE

**5000 WATTS** 

-15 h

940 K.C.

N. B. C.

FREE & PETERS, INC., \_

NAT'L REPRESENTATIVES

### HOPKINSVILLE—EST. 1939

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Paducah Broadcasting Co. OP-ERATED BY: Paducah Broadcasting Co. BUSI-NESS ADDRESS: Taylor Bldg. PHONES: 1025, 1026. STUDIO ADDRESS: 11/2 miles northwest of Hopkinsville. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to 11:00 NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System, Associated.

### Personnel

PresidentPierce E. Lackey
Station Manager
Commercial ManagerF. Ernest Lackey
Program Director
Chief EngineerBenson Arwood Smith
Coverage

	Daytime	Evening
Population—Primary	160,000	50,000
Radio Homes—"	29,540	10,000
Population—Secondary	175.000	
Radio Homes—"	45.639	

Source: U. S. Census; Joint Committee.

### LEXINGTON—EST. 1928

MUTUAL-SOUTHERN NETWORK

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: American Broadcasting Corp. of Kentucky. OPERATED BY: American Broadcasting Corp. of Kentucky. BUSINESS AD-DRESS: Radio Bldg., Walnut and Short Sts. PHONE: 1721. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Walton Bldg., Main and Esplanade. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight, daily; 8:00 A.M. to 12:00 Midnight, Sundays. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

### Personnel

President-Genl. Mgr	lmore	N.	Nunn
Vice PresidentJ.	Lind	sαy	Nunn
Treasurer	rren	G.	Davis
Station Director	Ted	Gr	izzard
Program Director	. Geo	rge	Jesse
Chief Engineer	San	ford	Helt

### Coverage

	Daytime	Evening
Population—Primary	306,078	189,620
Radio Homes- "	70,280	47,452
Population—Secondary	491,058	299,510
Radio Homes— "	116,921	70,672

Source: Field intensity survey; U. S. Census. \*Based on 250 watts, daytime and 100 watts, evening; station now operating 250 watts, full

Representative

time.

John H. Perry Associates

### LOUISVILLE—EST. 1933

NATIONAL BROADCASTING COMPANY FREQUENCY: 970 Kc. POWER: 5000 watts. OWNED BY: WAVE, Inc. OPERATED BY: WAVE, Inc. BUSINESS ADDRESS: Brown Hotel. PHONE: Wabash 6543. STUDIO ADDRESS: Brown Hotel. TRANSMITTER LOCATION: near Jeffersonville, Ind. TIME ON THE AIR: (Daily) 6:00 A.M. to 1:00 A.M.; (Sunday) 8:00 A.M. to 1:00 A.M. NEWS SERVICE: International News Service. TRANSCRIPTION SER-VICE: NBC Thesaurus, Lang-Worth.

### Personnel

President	
Station Manager	Nathan Lord
Commercial Manager	James F. Cox
Program DirectorGeor	ge Palterson
Chief Announcer	ırt Blackwell
Musical Director	Clifford Shaw
Chief Engineer Wilb	ur E. Hudson
Coverage	Evening

Coverage 953,180 Population—Primary ..... Source: Station survey.

### Representative

Free & Peters, Inc.

LOUISVILLE—EST. 1940 FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Kentucky Broadcasting Corp. OP-

ERATED BY: Kentucky Broadcasting Corp. BUSINESS ADDRESS: Tyler Hotel. PHONE: Wabash 6791. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited license (124 hours weekly). NEWS SERVICE: Transradio Press. TRAN-SCRIPTION SERVICE: C. P. MacGregor, Stan-Personnel dard Radio.

Station Manager......Morris Hicks Program and Musical Director. M. K. McCarten Sales Promotion Manager. Charles Pettinger

### Coverage

	Daytime	Evening
Population—Primary	782,469	505,963
Radio Homes— "	168,780	117,790
Population-Secondary*	1.157,712	*763,242
	*240,080	*163,260

\*Total Area. Source: Radio Daily Major Market Survey.

### Representative

Plug Kendrick, 309 West Jackson Blvd., Chicago, Ill.

(See New Albany, Ind.)

# WHAS

is now broadcasting from the No. 1 opportunity market of the United States!



The total U.S. investment in defense projects now under way here is around \$125,000, 000 and going up all the time. payrolls are in excess of \$5,000,000 per month, and it looks like \$100,000,000 will be added to our spendable income this year. The Louisville area, already the largest industrial community in the South, now includes a \$75.000.000 powder plant, the world's largest; an \$18.000,000 powder bag-loading plant; a \$5,000.000 naval ordnance plant; the U. S. Government Depot, now letting \$10,000,000 in contracts per month; a major Army airport housing the 28th Air Base; an important auxiliary military airport now building, and Fort Knox, headquarters of the Mechanized Army of the U. S., now housing 25,000 men with more coming all the time.

Basic C.B.S. 50,000 Watts. Represented Nationally By Edw. Petry & Co.

# LOUISVILLE

# WHAS

LOUISVILLE—EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 840 Kc. POWER: 50,000 watts. OWNED BY: Courier-Journal & Louisville Times Co. OPERATED BY: Same. BUSINESS ADDRESS: Third and Liberty Sts. PHONE: Wa. 2211. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: R. R. No. 2. Anchorage, Ky. (near Eastwood, Ky.). TIME ON THE AIR: 6:30 A.M. to 1:00 A.M. daily: 8:00 A.M. to midnight Sunday (140 hours weekly). NEWS-PAPER AFFILIATION: Caurier Journal and Louisville Times. NEWS SERVICE: United Press, International News Service. TRANSCRIPTION SERVICE: Associated Music Publishers Library.

### Personnel

OwnerBarry Bingham
Radio DirectorCredo Fitch Harris
Executive Manager
Commercial ManagerJoe Eaton
Program ManagerRobert L. Kennett
Sales Promotion ManagerNeil D. Klein
Production ManagerT. Dudley Musson
Office Manager
Agricultural CoordinatorJohn Merrifield
Librarian Edward Barret
Musical DirectorRobert Hutsell
Publicity DirectorJohn H. Hoagland
Technical AdvisorOrrin W. Towner

Coverage

 Population—Primary
 5,039,828

 Radio Homes—"
 1,185,900

 Source: Field intensity measurements,

Representative

Edward Petry & Company

W O M I OWENSBORO—EST. 1938

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Owensboro Broadcasting Co., Inc. OPERATED BY: Owensboro Broadcasting Co., Inc. BUSINESS ADDRESS: Byers Ave. & Livermore Road. PHONE: 420 & 421. STUDIO ADDRESS: Byers Ave. & Livermore Road. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 10:35 P.M. NEWS-PAPER AFFILIATIONS: Owensboro Messenger (morning); Owensboro Inquirer (evening). NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

President	.Lawrence W. Hager
General Manager	Hugh O. Potter
Production Manager	Marshall Bruner
Sales Promotion Manag	erMalcolm Greep
Musical Director	Lee C. Meredith
Chief Engineer	

Coverage

Population—Primary	157,407
Radio Homes "	29,670
Population—Secondary	367,442
Radio Homes—"	76,610
Source: Field intensity survey: Id	int Com-

Source: Field intensity survey; Joint Committee.

# WPAD

PADUCAH—EST. 1930

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Paducah Broadcasting Co., Inc. OPERATED BY: Paducah Broadcasting Co., Inc. BUSINESS ADDRESS: Taylor Bldg. PHONE: 4100. STUDIO ADDRESS: Taylor Bldg. TRANS-MITTER LOCATION: 9th and Terrell. TIME ON THE AIR: 6:00 A.M. to 11:30 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Associated, World Broadcasting System.

Personnel

President & Genl. Mgr	. Pierce E. Lackey
Sales Manager	Prewitt Lackey
Program Director-Chief Annou	ncer, Gene Peak
Musical Director	Ernest Pell
Chief Engineer	C. G. Sims

Representative

Cox & Tanz

# LOUISIANA

Population 2,363,880 Number of Families 590,722 Number of Radio Homes 354,950 Auto Registrations 370,631

For 1940 Census data, please turn to page 257

# KALB

ALEXANDRIA—EST. 1935

LOUISIANA NETWORK

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Alexandria Broadcasting Co., Inc. OPERATED BY: Alexandria Broadcasting Co., Inc. BUSINESS ADDRESS: 3rd and Jackson Sts. PHONE: 65. STUDIO ADDRESS: 3rd and Jackson Sts. TRANSMITTER LOCATION: Upper 3rd St. TIME ON THE AIR: 6:30 A.M. to 10:00 P.M. (105 hours weekly). NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Davis & Schwegler, Lang-Worth. Standard Radio.

### Persannel

President
General Manager
Sales ManagerEdgar Cappellini
Program Director
Musical Director
Chief EngineerJesse R. Sexton

Covere	tge	
	Daytime	Evening
Population—Primary	116,119	61.266
Radio Home— "	19,354	10,211
Population—Secondary	375,000	100,000
Radio Homes— "	50,000	15,000
Source: Mail response	survey;	Joint Com-
mittee.		

### BATON ROUGE—EST. 1934 NATIONAL BROADCASTING CO.

FREQUENCY: 1150 Kc. POWER: 5000 watts. OWNED BY: Baton Rouge Broadcosting Co., Inc. OPERATED BY: BUSINESS ADDRESS: Magnolia and Fifth Sts. PHONE: 6060, STUDIO ADDRESS: Magnolia and 5th. TRANSMITTER LOCATION: Roosevelt Rd. TIME ON THE AIR: 6:30 A.M. to midnight. NEWSPAPER AFFILIATIONS: Baton Rouge State-Times, Baton Rouge Morning Advocate. NEWS SERVICE: United Press. TRAN-SCRIPTION SERVICE: World Broadcasting System, Standard Radio.

### Personnel

President.		s. P.	Manship,	Jr.
Vice Pres.	& Genl. MgrH	. Vern	on Anders	on
Secretary-	Treasurer Charle	s P.	Manship,	Sr.
Production	Supervisor	Re	alph H. Si	ms
Sales Mai	nager	J. F	Roy Daba	die
Chief Eng	ineer	. Wilbi	ur T. Gols	son
	~			

Coverage Population—Primary .....

Radio Homes— " 41,700 Source: Field intensity measurements; U. S. Census; Joint Committee.

### Representative George P. Hollingbery Co.

### LAFAYETTE—EST. 1935

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: Evangeline Broadcasting Co. OPERATED BY: Same, BUSINESS ADDRESS: 300 Jefferson St. PHONE: 336. STUDIO AD-DRESS: Evangeline Hotel, PHONE: 2062. TRANSMITTER LOCATION: Scott Rd. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. (87 hours weekly). NEWSPAPER AFFILIATION: Advertiser-Gazette. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

### Personuel

President	an Murphy
Station ManagerGeo. 1	H. Thomas
Commercial Manager	A. Escudier

Program	Director-Chief	Announcer	A. I	3. Craft
Publicity	Director	Lela	A.	Turner
Chief En	gineer	Clov	is L.	Bailey

Coverage

	Daytime	Evening
Population—Primary	250,000	150,000
Radio Homes— "	75,000	50,000
Population—Secondary	300,000	250,000
Radio Hames—"	100,000	75,000

Source: Station survey.

LAKE CHARLES-EST, 1935

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Calcasieu Broadcasting Co. OP-ERATED BY: Calcasion Broadcasting Co. BUSINESS ADDRESS: Majestic Hotel. PHONE: 81-82. STUDIO ADDRESS: Majestic Hotel. TRANSMITTER LOCATION: La Grange St. TIME ON THE AIR: 7:00 A.M. to 9:00 P.M. NEWS SERVICE: United Press. TRANSCRIP-TION SERVICE: Standard Radio.

### Personuel

PresidentT. B. Lanford
Station Manager
Commercial ManagerF. C. Carroll
Chief EngineerE. C. Moses

### MONROE-EST. 1930 LOUISIANA NETWORK

FREQUENCY: 1410 Kc. POWER: 1000 watts. OWNED BY: Liner's Broadcasting Station, Inc. BUSINESS ADDRESS: Frances Hotel. PHONE: STUDIO ADDRESS: Frances Hotel. 4321. PHONE: 4771. TRANSMITTER LOCATION: Millhaven Rd. TIME ON THE AIR: 6:00 A.M. to 10:00 P.M. NEWS SERVICES: United Press. TRANSCRIPTION SERVICE: Standard Radio, NBC Thesaurus, Lang-Worth.

### Personnel

President-General	ManagerJ.	C. Liner, Jr.
Program-Musical	Director	Melba Henry
Chief Engineer		O. L. Morgan

### Coverage

•	
Population—Primary	98,800
Radio Homes— "	12,384
Population—Secondary	132,000
Radio Homes— "	13,656
Source: Field intensity measuremen	nts.

MUNROE—EST. 1941

FREQUENCY: 1420 Kc. POWER: 250 watts. OWNED BY: KNOE, Inc. OPERATED BY: KNOE, Inc. BUSINESS ADDRESS: Munroe. STUDIO ADDRESS: Same. TRANSMITTER LO-CATION: Same. TIME ON THE AIR: Unlimited license.

\*Station was licensed to operate under a construction permit at time of going to press.

344,291

## WDSU

### NEW ORLEANS—EST. 1923

### NBC-BLUE

FREQUENCY: 1289 Kc. POWER: 5000 watts. OWNED BY: WDSU, Inc. OPERATED BY: WDSU, Inc. OPERATED BY: WDSU, Inc. BUSINESS ADDRESS: Hotel Monteleone. PHONE: Raymond 7135. STUDIO ADDRESS: Hotel Monteleone. TRANSMITTER LOCATION: Gretna. TIME ON THE AIR: 7:00 A.M. to Midnight. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: C. P. MacGregor.

### Personnel

## Representative John Blair & Co.

## WJBW

### NEW ORLEANS-EST. 1926

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Charles C. Carlson. OPERATED BY: Charles C. Carlson. BUSINESS ADDRESS: Jung Hotel. STUDIO ADDRESS: Jung Hotel. TRANSMITTER LOCATION: 3617 Bruxelle St. TIME ON THE AIR: Unlimited license. TRANSCRIPTION SERVICE: C. P. MacGregor.

### Personnel

## KWKH

### SHREVEPORT—EST. 1925 COLUMBIA BROADCASTING SYSTEM SOUTHCENTRAL QUALITY NETWORK

FREQUENCY: 1130 Kc. POWER: 50,000 watts. OWNED BY: International Broadcasting Corp. OPERATED BY: The Shreveport Times. BUSINESS ADDRESS: P. O. Box 1387. PHONE: 2-8711. STUDIO ADDRESS: Commercial Bldg. TRANSMITTER LOCATION: Gamm Rd., Dixie, La. TIME ON THE AIR: 5:00 A.M. to 1:05 A.M. NEWSPAPER AFFILIATIONS: The Shreveport Times. NEWS SERVICE: United Press. Associated Press. TRANSCRIPTION SERVICE: World Broadcasting System, NAB Library.

### Personnel

President	<b></b> .	John D. Ewin	g
General :	Manager	John C. McCormac	k
Commerci	ial Manager.	J. A. Oswal	ď
Program	Director	Fred Ol	nl
Publicity	Director	B. G. Robertso	n
Chief End	gineer		Y
	Can	ANANA	

### Coverage

 Population—Primary
 2,346,512

 Radio Homes—"
 324,840

Source: Station survey.

### Representative

The Branham Company

## WNOE

### **NEW ORLEANS—EST. 1926**

MUTUAL BROADCASTING SYSTEM LOUISIANA NETWORK

FREQUENCY: 1450 Kc. POWER: 250 waits. OWNED BY: WNOE. Inc. OPERATED BY: WNOE. Inc. OPERATED BY: WNOE. Inc. BUSINESS ADDRESS: 720 Common St. PHONE: Raymond 0423. STUDIO ADDRESS: St. Charles Hotel. TRANSMITTER LOCATION: S. White & Ephrosene. TIME ON THE AIR: 24 hours daily. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

Personnel

President James A. Noe
Vice-President-General
Manager James Gordon
Station Manager James Hunter
Program Director Hubert J. Grant
Educational Director Benet F. Cain

### 

Darrima Francisa

	Duyiiiile	Evening
Population—Primary	1,000,000	750,000
Radio Homes "	105,000	
Population—Secondary	2,000,000	1,000,000
Radio Homes "	250,000	
Source: Station estimate		

### Representative

Cox & Tanz

# w s<sup>°</sup>m b

### NEW ORLEANS—EST. 1925

NBC (RED)

FREQUENCY: 1350 Kc. POWER: 5000 watts. OWNED BY: Maison Blanche & Saenger Theaters. OPERATED BY: WSMB, Inc. BUSINESS ADDRESS: 901 Canal St. PHONE: MA. 5920. STUDIO ADDRESS: 901 Canal St. TRANSAIR: 7:00 A.M. to 12:00 Midnight. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus. Personnel

President E. V. Richards
General Manager H. Wheelahan
Sales Manager-Publicity Director,

T. J. Fontelieu Chief Announcer-Artists' Bureau Head,

William Brengel
Musical Director. M. Sandi
Chief Engineer. H. G. Nebe

### Coverage

 Population—Primary
 836,700

 Radio Homes—"
 145,400

 Population—Secondary
 246,600

 Radio Homes—"
 28,000

 Source: Field intensity measurements and

mail response analysis.

Representative

Edward Petry & Company

## W W L

NEW ORLEANS—EST. 1922 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 870 Kc. POWER: 50,000 Watts. OWNED BY: Loyola University. OPERATED BY: Loyola University. BUSINESS ADDRESS: Roosevelt Hotel. PHONE: Raymond 2193-7-8. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Kenner, La. TIME ON THE AIR: 5:00 A.M. to 12:00 midnight.

### Personnel

General Manager	W. H. Summerville
Commercial Manager	A. Louis Read
Program Manager	Henry Dupre
Auditor	A. J. Cummings
Production Manager	Ed Hoerner
Publicity Director	Leon Adams
Musical Director	
Chief Engineer	J. D. Bloom, Jr.

Representative
The Katz Agency

## KRMD

SHREVEPORT—EST. 1928 LOUISIANA NETWORK

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: KRMD, Inc. OPERATED BY: Same. BUSINESS ADDRESS: P. O. Box 1712. PHONE: 6171-2. STUDIO ADDRESS: New Jefterson Hotel. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M. to 11:00 P.M. (111 hours weekly). NEW SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

President R. M.	Dean
Station Manager	ilson
Commercial ManagerDavid W	lison'

Program Director-Chief Announcer,

Coverage\*

 Population—Primary
 111,784

 Radio Homes—"
 29,000

Secondary area adds an additional 50-mile radius covering an additional 280.000 persons. Scurce: Mail response survey: U. S. Census.

## KTBS

SHREVEPORT—EST. 1928
NATIONAL BROADCASTING CO.

SOUTHCENTRAL QUALITY NETWORK FREQUENCY: 1480 Kc. POWER: 1000 watts. OWNED BY: Tri-State Broadcasting System. OPERATED BY: The Shreveport Times. BUSINESS ADDRESS: P. O. Box 1387. PHONE: 2-8711. STUDIO ADDRESS: Commercial Bldg. PHONE: 7-4295. TRANSMITTER LOCATION: Dixie Gardens. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATIONS: The Shreveport Times. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

President	John D. Ewing
General Manager	John C. McCormack
Commercial Manager	J. A. Oswald
Program and Publicity Dis	ector B. G. Robertson
Chief Engineer	

Coverage

Population—Primary 414,320
Radio Homes— 59,520
Includes portions of secondary area.

Source: Mail response analysis.

Representative
The Branham Company

# MAINE

Population 845.139 Number of Families 209.664 Number of Radio Homes 190,740 Auto Registrations 210,500

For 1940 Census data, please turn to page 258

## WRDO

AUGUSTA-EST. 1932

NBC—YANKEE—COLONIAL NETWORKS FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: WRDO, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 175 Water St. PHONE: 2285. STUDIO ADDRESS: 175 Water St. TRANSMITTER LOCATION: 341 Water St. TIME ON THE AIR: 7:30 A.M. to 12:00 midnight. NEWS SERVICE: Yankee Network News Service. TRANSCRIPTION SERVICE: Davis & Schwegler.

### Personnel

### Coverage

Population—Primary	78,000
Radio Homes— "	19,000
Population—Secondary	150,000
Radio Homes— "	36,000
Source: Station survey	

## Representative Weed & Co.

## WABI

### BANGOR-EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Community Broadcasting Service, Inc. OPERATED BY: Community Broadcasting Service, Inc. BUSINESS ADDRESS: 57 State St. PHONE: 6658. STUDIO ADDRESS: 57 State St. TRANSMITTER LOCATION: Brewer, Maine. TIME ON THE AIR: 116 hours weekly. NEWS SERVICE: Associated Press. MAINTAINS ARTISTS BUREAU.

### Personnel

President F. B. Station Manager R. M. Program Director Maurice	Wallace
Artists' Bureau Head-Musical Director	
**	old Dorr
Chief Announcer	<b>И</b> атсонх
Chief EngineerNelson	Lawson
Coverage	
Population—Primary	188,400
Radio Homes— "	46,900
Population—Secondary	143,700
Radio Homes— "	34,100
Source: Field intensity measurements	5 <b>.</b>

Representative
Furgason & Walker, Inc.

## WLBZ

BANGOR—EST. 1926

NBC-MBS

FREQUENCY: 620 Kc. POWER: 1000 Watts, d.: 500 Watts, n. OWNED BY: Maine Broadcasting Co. OPERATED BY: Same, BUSINESS ADDRESS: 100 Main St. PHONE: 6023, STUDIO ADDRESS: 100 Main St. TRANSMITTER LOCATION: Outer Broadway. TIME ON THE AIR: 7:00 A.M. to Midnight: Sundays, 8:45 A.M. to midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

### Personnel

General Manager ....Thompson L. Guernsey

Coverage

Source: Station survey.

Representative

Weed & Company

## WCOU

LEWISTON—EST. 1938

MBS—YANKEE—COLONIAL NETWORKS
FREQUENCY: 1240 Kc. POWER: 250 watts.

OWNED BY: Twin City Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 223 Lisbon St. PHONE: 3140. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: East Ave. PHONE: 2904. TIME ON THE AIR: Full Time License (18 hours daily). NEWSPAPER AFFILIATION: Le Messenger (French daily). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

### Personnel

President	Jean B. Couture
Manager	John C. Libby
Program Director	.Elden Shute, Jr.
Office Manager	Oscar Normand
Chief Announcer	Varner Paulsen
Musical Director	Bertrand Cote
Chief Engineer	Leslie R. Hall

### Coverage

	Dayume	rvening
Population—Primary	70,154	70,154
Radio Homes— "	17,720	17.720
Population—Secondary .	84,163	25,229
Radio Homes "	21,023	6,744
Source: Field intensity m	easuremen	ts.

### Representative

Forjoe & Co.

### MAINE'S TWIN CITY STATION

W-C-0-U

LEWISTON-AUBURN
(MUTUAL—YANKEE—COLONIAL)

# THE WCOU MARKET IS MAINE'S FIRST MARKET

IST-PER CAPITA BUYING POWER

IST-NUMBER OF WAGE EARNERS

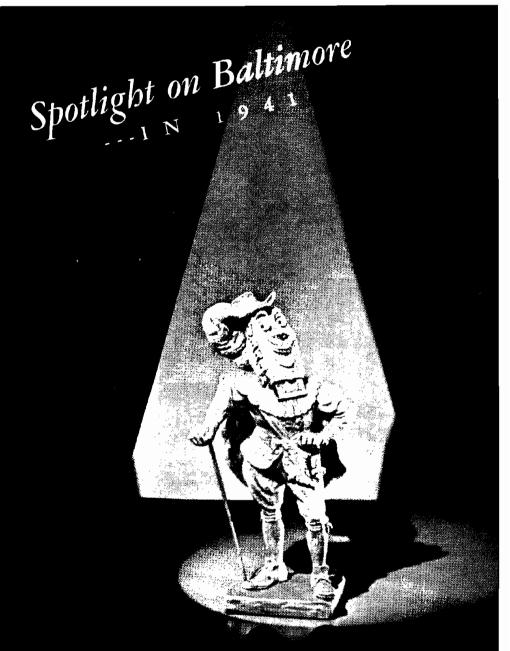
IST-SIZE OF PAY ROLLS

**IST—PRODUCT VALUES** 

Represented by

### **FORJOE & COMPANY**

19 W. 44th Street, New York, N. Y. 201 N. Wells Street Chicago, III.



SOON--- FULL TIME AND 50,000 WATTS
IN 1941-MORE WBAL means business in Baltimore

## WCSH

PORTLAND—EST. 1925 NBC-RED—YANKEE NETWORK

FREQUENCY: 970 Kc. POWER: 5000 watts. OWNED BY: Congress Square Hotel Co. OPERATED BY: Congress Square Hotel Co. BUSINESS ADDRESS: 579 Congress St. PHONE: Portland 3-9667, STUDIO ADDRESS: 579 Congress St. TRANSMITTER LOCATION: Scarboro, Maine. TIME ON THE AIR: Sunday. 8:00 A.M. to 12:00 Midnight; Week Days, 7:00 A.M. to 12:00 Midnight, NEWS SERVICE: United Press. TRANSCRIPTION SERVICE:

### Personnel

NBC Thesaurus.

President	Adeline B. Rines
Supervisor	George F. Kelley, Jr.
Station Manager	Linwood T. Pitman
Program Director	Albert W. Smith
Sales Promotion Manager	Frederick W. Cole
Chief Engineer	G. Fred Crandon

### Coverage

Radio Homes—Primary	95,200
Radio Homes—Secondary	18,412
Source: NBC Aireas Survey; Joint Con	ımittee.

Representative
Weed & Co.

## WGAN

PORTLAND—EST. 1937
COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 560 Kc. POWER: 5000 watts.

OWNED BY: Portland Broadcasting System,
Inc. OPERATED BY: Portland Broadcasting
System, Inc. BUSINESS ADDRESS: Columbia
Hotel. PHONE: 2-7480: 2-7480. STUDIO
ADDRESS: Same. TRANSMITTER LOCATION:
Riverton Section, Portland. TIME ON THE

AIR: Unlimited license (122 hours weekly). NEWSPAPER AFFILIATION: Gannett Publishing Co. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

President-TreasurerGuy P. Gannett
General ManagerCreighton E. Gatchell
Program Manager
Chief Engineer Rodger D. Hodgkins

### Coverage

	Daytime	Evening'
Population—Primary	658,500	
Radio Homes— "	159,720	137,720
Population—Secondary	341,500	
Radio Homes— "	85,375	76,190

\*Station estimate based on new wattage.

### Representative Paul H. Rayner Co.

## WAGM

PRESQUE ISLE—EST. 1930

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Aroostook Broadcasting Corp. OPERATED BY: Aroostook Broadcasting Corp. BUSINESS ADDRESS: Northern National Bank Bldg. PHONE: Presque Isle 8821. STUDIO ADDRESS: Northern National Bank Bldg. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 11:00 A.M. to 1:00 P.M. and 4:00 P.M. to 7:00 P.M. MAINTAINS ARTISTS' BUREAU.

### Personnel

General Manager......R. W. MacIntosh Commercial Manager-Chief Engineer,

L. E. Hughes

### Coverage

Population—Primary									80,000
Radio Homes "									14,600
Source: Station surv	7 6	21	,						

# :MARYLAND

Population 1,821,244

Number of Families 462,591

Number of Radio Homes 400,110
Auto Registrations 446,713

For 1940 Census data, please turn to page 258

## WBAL

BALTIMORE—EST. 1925

NBC (Blue)—MUTUAL
FREQUENCY: 1090 Kc. POWER: 50,000
watts, OWNED BY: WBAL Broadcasting Co.
OPERATED BY: WBAL Broadcasting Co. BUSINESS ADDRESS: Lexington Bldg. PHONE:
Plaza 4900. STUDIO ADDRESS: Lexington

Bldg. TRANSMITTER LOCATION: Pikesville, Md. TIME ON THE AIR: (daily) 8:00 A.M. to 12:00 Midnight; (Sunday) 8:30 A.M. to 12 Midnight. NEWSPAPER AFFILIATIONS. Baltimore News-Post, Baltimore Sunday American. NEWS SERVICES: International News Service, United Press. TRANSCRIPTION SERVICE: World Broadcasting System, Lang-Worth Features, MAINTAINS ARTISTS' BUREAU.

### Personnel

Station Manager
Commercial Manager Leslie H. Peard, Jr.
Program Manager
Sales Promotion ManagerJohn G. Mayer
Musical Director
Publicity DirectorDorothy Schmitt
Chief EngineerGerald W. Cooke
Coverage

 Population—Primary
 2,500.000

 Radio Homes—"
 309,430

 Population—Secondary
 1,500,000

 Radio Homes—"
 664,670

Source: Joint Committee.

Representative International Radio Sales

## WCAO

BALTIMORE—EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 600 Kc. POWER: 1000 Watts, d.; 500 Watts, n. OWNED BY: The Monumental Radio Co. OPERATED BY: Same. BUSINESS ADDRESS: 811 West Lanvale St. PHONE: Madison 7220. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: (Daily) 6:00 A.M. to 12:30 A.M.; (Sunday) 8:00 A.M. to 12:30 A.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Lang-Worth.

### Personnel

President	Lewis M. Milbourne
Vice-President-General	Manager,
	L. Waters Milbourne
Treasurer	Mel <b>v</b> in W. Woods
Secretary	Clarence W. Miles
Program Director	Gordon A. Scheihing
Recording Director	George L. Filling
Chief Announcer	William J. O'Toole
Musical Director	John Varney
Chief Engineer	

Coverage

	Daytime	Evening
Population—Primary	1,108,578	1,108,578
Radio Homes— "	229,370	229,370
Population—Secondary	7,148,977	5,655,327
Radio Homes— "	1,365.140	1,124,620

Source: Station survey.

### Representative

Paul H. Raymer Ca

## WCBM

BALTIMORE—EST. 1924

MUTUAL BROADCASTING SYSTEM FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Baltimore Broadcasting Corp. OPERATED BY: Baltimore Broadcasting Corp. BUSINESS ADDRESS: North Ave. at Harford. PHONE: University 8400. STUDIO ADDRESS:

North Ave. at Harford, TRANSMITTER LOCA-TION: 1100 East Cold Spring Lane. TIME ON THE AIR: 7:00 A.M. to Midnight, daily; 8:45. A.M. to Midnight, Sundays. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Langworth, NAB Library.

Personnel

President and Commercial	
Manager	John Elmer
Vice-President	J. Purdon Wright
TreasurerJ. Lawr	ence Schanberger
Station Manager	
Program Director	. Michael Murray
Publicity Director	E. Frank Thomas
Musical Director	Jack Rohr
Chief Engineer	G. Porter Houston

Representative

## WFBR

BALTIMORE—EST. 1922

NBC (RED)

MARYLAND COVERAGE NETWORK
FREQUENCY: 1300 Kc. POWER: 5000 waits,
OWNED BY: Ballimore Radio Show, Inc.
OPERATED BY: Ballimore Radio Show, Inc.
BUSINESS ADDRESS: 10 East North Ave.
PHONE: Vernon 6900. STUDIO ADDRESS:

# WCBM

Baltimore, Md

Affiliated with the

# Mutual

BROADCASTING SYSTEM

OVERS America's Seventh Largest Market at a lower cost per thousand potential buyers addressed.

WCBM — Baltimore, Md.

John Elmer, President

Geo. H. Roeder General Manager

10 East North Ave. TRANSMITTER LOCATION: Westport, Baltimore. TIME ON THE AIR: 6:30 A.M. to 12 midnight: Sunday, 8:00 A.M. to midnight. NEWS SERVICE: International News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICES: Associated Recorded Program Service.

### Personnel

PresidentRobert S. Maslin
Executive Vice-President. Hope H. Borroll, Jr.
Treasurer
Assistant TreasurerRobert S. Maslin, Jr.
Commercial ManagerPurnell H. Gould
Merchandising ManagerWall Mathews
Program DirectorBert Hanauer
Musical Director
Chief Engineer
Coverage

 Population—Primary
 1,450,000

 Radio Homes—"
 265,003

 Population—Secondary
 1,000,000

 Radio Homes—"
 200,000

Source: Field intensity measurements and mail analysis.

### Representative Edward Petry & Co., Inc.

## WITH\*

### BALTIMORE-EST. 1940

FREQUENCY: 1200 Kc. POWER: 250 watts. OWNED BY: The Maryland Broadcasting Co. OPERATED BY: Maryland Broadcasting Co. BUSINESS ADDRESS: 7 East Lexington St. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited License.

Personnel

President.......Thomas G. Tinsley, Jr. Secretary-Treasurer...Louise McClure Tinsley 'Station was licensed to operate under a

construction permit at time of going to press and no other information was available.

## WTBO

## CUMBERLAND—EST. 1928 MARYLAND COVERAGE NEIWORK

FREQUENCY: 820 Kc. POWER: 250 waits. OWNED BY: Associated Broadcasting Corp. OPERATED BY: Associated Broadcasting Corp. BUSINESS ADDRESS: Commercial Bank Bldg. PHONE: Cumberland 299. STUDIO ADDRESS: Commercial Bank Bldg. TRANSMITTER LOCATION: Fort Hill. TIME ON THE AIR: 7:00 A.M. to local sunset, at Dallas, Tex.; Sunday, 8:00 A.M. to local sunset at Dallas, NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System, NBC Thesaurus.

President-General Manager Frank V. Becker Vice President-Treasurer L. E. Pamphilon Secretary Chas. Z. Heskett

Commercial Manager Edward H. Allen
Program DirectorStewart W. Phillips
Production ManagerPeg Lynch
Chief Announcer Willis Conover
Chief Engineer Charles Ray Sine
Corerage

 Population—Primary
 357,000

 Radio Homes—"
 54,000

 Population—Secondary
 262,000

 Radio Homes—"
 45,000

Source: Mail response survey.

Representative
International Radio Sales

## WFMD

### FREDERICK-EST. 1936

MARYLAND COVERAGE NETWORK FREQUENCY: 930 Kc. POWER: 500 waits OWNED BY: Monocacy Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Winchester Hall. PHONE: 1466. STUDIO ADDRESS: Winchester Hall Bldg.: Gobrecht Bldg.. Hanover. Pa.: West Main St., Westminster. Md. TRANSMITTER LOCATION: Jefferson Pike. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System. MAINTAINS ARTISTS' BUREAU.

# Look!

Cumberland's the Shopping Center for miles around.

Nearest other Shopping Centers are over 100 miles away!

You can't afford to leave out this rich market.

## WTBO

CUMBERLAND, MD.

Nat'l Reps.: INTERNATIONAL RADIO SALES

### MARYLAND - MASSACHUSETTS

### Personnel

Vice-President and General Manager,
A. V. Tidmore
Commercial and Promotion Manager,
John Carnaghan
Program Director-Chief Announcer,
R. L. Longstreet
Musical Director-Artists' Bureau Head,
Winston Shipley

Chief Engineer.....John A. Fels

Coverage

 Population—Primary
 476.567

 Radio Homes—"
 82,250

 Population—Secondary
 576,210

 Radio Homes—"
 155,540

 Source: Mail response survey.

## WJEJ

HAGERSTOWN—EST. 1932
MUTUAL BROADCASTING SYSTEM

MARYLAND COVERAGE NETWORK FREQUENCY: 1240 Kc. POWER: 250 waits. OWNED BY: Hagerstown Broadcasting Co. CPERATED BY: Hagerstown Broadcasting Co. BUSINESS ADDRESS: Franklin Court. STUDIO ADDRESS: Franklin Court. PHONE: 2322. TRANSMITTER LOCATION: Carroll Heights. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. (18 hours daily). NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio, Davis & Schwegler. MAINTAINS ARTISTS' BUREAU.

### Personnel

 Commercial Manager......Clarence Myers Program Director-Chief Announcer,

Coverage

 Daytime
 Evening

 Population—Primary
 348,000
 261,000

 Radio Homes—"
 67,190
 50,403

 Population—Secondary
 565,000
 423,850

 Radio Homes—"
 184,040
 138,030

Source: Field strength measurements; Joint Committee.

### Representative

International Radio Sales

## WBOC

SALISBURY-EST. 1940

FREQUENCY: 1500 Kc. POWER: 250 watts. OWNED BY: Peninsula Broadcasting Co. OPERATED BY: Peninsula Broadcasting Co. BUSINESS ADDRESS: Salisbury. PHONE: 2480 STUDIO ADDRESS: Same. TRANSMITTER LOCATION: North of Salisbury. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight: Sundays, 8:30 A.M. to 12:00 Midnight. TRANSCRIPTION SERVICE: World Broadcasting System.

### Personnel

President	John W. Downey
Vice-President	William F. Allen
Secretary	
Treasurer	John T. Holt
General Manager	Charles J. Truitt
Chief Engineer	Edward J. Hagert

# MASSACHUSETTS

Population 4,316,721 Number of Families 1,118,104 Number of Radio Homes 1,031,130 Auto Registrations 918,994

For 1940 Census data, please turn to page 259

## WAAB

BOSTON—EST. 1930 MUTUAL—COLONIAL

FREQUENCY: 1440 Kc. POWER: 1000 watts. OWNED BY: The Yankee Network, Inc. OPERATED BY: The Yankee Network, Inc. BUSINESS ADDRESS: 21 Brookline Ave. PHONE: Comm. 0800. STUDIO ADDRESS: 21 Brookline Ave. TRANSMITTER LOCATION: Squantum (Quincy). TIME ON THE AIR: 7:00 A.M. to 1:30 A.M.: Sunday, 7:30 A.M. to 2:00 A.M. NEWS SERVICE: International News Service. ARTISTS' BUREAU: Colonial Network Artists Bureau. TRANSCRIPTION

SERVICE: Associated Library, Langworth. Davis & Schwegler.

### Personnel

Merchandising	.F. Carleton McVarish
Special Events	Fred McLaughlin
Program Director	Eleanor Geer
Production Director	George Steffy
Preduction Supervisor	Charles Curtin
Editor of News Service.	Leland Bickford
Artists Bureau Head	Josephine White
Publicity Director	A. J. Stephenson
Musical Director	Francis J. Cronin
Chief Engineer	Irving B. Robinson

### Coverage

Representative

Edward Petry & Co., Inc.

## WBZ & WBZA

BOSTON & SPRINGFIELD EST. 1921

NATIONAL BROADCASTING CO. (BASIC BLUE)

FREQUENCY: 1030 Kc. POWER: WBZA-Spring(ield—1,000 Watts. WBZ-Boston-50.-000 Watts. OWNED BY: Westinghouse Electric & Mig. Co. OPERATED BY: Same. BUSINESS ADDRESS: WBZ, Hotel Bradford, WBZA, Hotel Kimball, Springfield. PHONE: WBZ--Hancock 4261, WBZA--Spring-STUDIO ADDRESS: Same. field 6-8336. TRANSMITTER LOCATION: WBZ — Hull, WBZA-Springfield. TIME ON THE AIR: 6:00 A.M. to 1:00 P.M., daily; 8:00 A.M. to 1:00 A.M., Sundays. NEWS SERVICE: United Press, Associated Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

President Geo. H. Bucher Station Manager W. C. Swartley
Assistant ManagerCharles S. Young
Sales Promotion Manager Harry D. Goodwin
Program ManagerJohn F. McNamara
Production ManagerJohn H. Wright
Chief AnnouncerRobert E. White
Sales ManagerFrank R. Bowes
Publicity DirectorMarjorie L. Spriggs
Musical Director
Plant ManagerDwight A. Myer (WBZ)
Plant ManagerH. E. Randol (WBZA)

Coverage

	Daytime	Evening
Population—Primary	5,467,500	5,691,000
Radio Homes— "	1,265,400	1,318,500
Population—Secondary .	1,682,500	1,907,000
Radio Homes— "	390,800	443,900
Source: NBC Statistical	l Departme	ent; Joint
Committee: U. S. Census.		

### Representative

National Broadcasting Co., Inc.

## WEEI

### BOSTON-EST. 1924

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 590 Kc. POWER: 5000 walts. OWNED BY: Boston Edison Co. OPERATED BY: Columbia Broadcasting System. BUSINESS ADDRESS: 182 Tremont St. PHONE: Hubbard 2323. STUDIO ADDRESS: 182 Tremont St. TRANSMITTER LOCATION: Mystic Valley Parkway, Medford, Mass. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M.: Sundays, 8:00 A.M. to 1:00 A.M. SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System

### Personnel

Station Manager	
Soles Promotion Manager	
<del>-</del>	
Production Manager	.L. G. Del Castillo
Publicity Director	Dorothy Drake
Chief Announcer	.C. H. Dickerman
Musical Director	C. R. Hector
Chief Engineer	P. K. Baldwin

### Coverage

Population—Primary	4,927,500
Radio Homes— "	1,097,120
Population—Secondary	2,393,500
Radio Homes— "	545,570
Source: CBS Market Research	Division.

### Representative

Radio Sales

## WHDH

### BOSTON-EST, 1929

FREQUENCY: 850 Kc. POWER: 1000 watts. OWNED BY: Matheson Radio Co., Inc. OPERATED BY: Matheson Radio Co., Inc. BUSINESS ADDRESS: Hotel Touraine. 62 Boylston St. PHONE: Hancock 0900-1-2. STUDIO ADDRESS: Hotel Touraine. 62 Boylston St. TRANSMITTER LOCATION: Saugus. TIME ON THE AIR: 6:30 A.M. until sunset in Denver; Sundays, 8:45 A.M. until sunset in Denver; Sundays, 8:

### Personnel

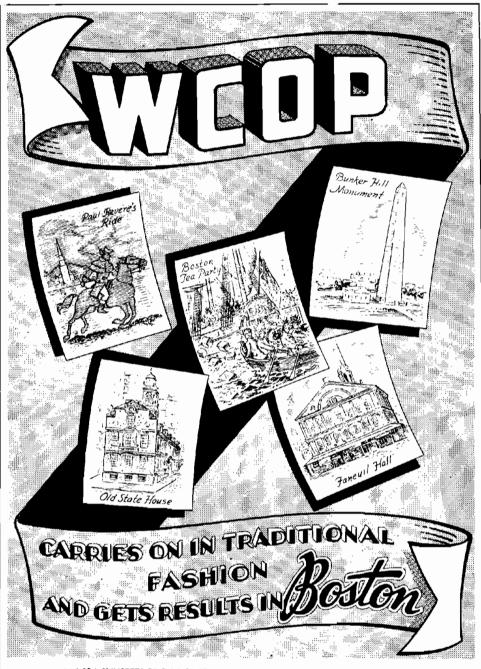
General Manager	Ralph G. Matheson
Assistant General Mana	ger. John J. Matheson
Program Director	Alice J. Friend
Musical Director	Kenneth Wilson
Chief Engineer	Donald Wise

### Coverage

Population—Primary	5,850,000
Radio Homes "	1,303,180
Population - Secondary	1,857,000
Radio Homes— "	353,490

### Representative

George Watson (New York)



 MASSACHUSETTS BROADCASTING CORP. OPLEY PLAZA HOTEL BOSTON, MASSACHUSETTS STUDIOS and OFFICES

COMMONWEALTH 1717

New York Chicago

National Representatives HEADLEY-REED COMPANY

Detroit Atlanta

## WCOP

BOSTON-EST, 1935

FREQUENCY: 1150 Kc. POWER: 500 watts. OWNED BY: Mass. Broadcasting Corp. OPERATED BY: Mass. Broadcasting Corp. BUSINESS ADDRESS: Copley Plaza Hotel. PHONE: Commonwealth 1717. STUDIO ADDRESS: Copley Plaza Hotel. TRANSMITTER LOCATION: Speedway, Brighton. TIME ON THE AIR: Unlimited license. MAINTAINS ARTISTS' BUREAU. NEW SERVICE: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System.

### Personnel

2 0.00
President
General ManagerA. N. Armstrong, Jr.
Production Manager Mary E. Thatcher
Public Relations DirectorJohn K. Gowen, 3rd
Chief AnnouncerMorton Blender
Artists' Bureau HeadEleanor Kane
Musical DirectorSidney P. Reinherz
Chief Engineer

### Coverage

20222032	
Population—Primary	1,904,600
Radio Homes— "	409,400
Population—Secondary	475,000
Radio Homes "	108,600
Source: Field intensity measureme	ents.

## Representative Headley-Reed Co.

## WMEX

BOSTON-EST. 1934

FREQUENCY: 1510 Kc. POWER: 5000 waits. OWNED BY: Northern Corporation. OPERATED BY: Same. BUSINESS ADDRESS: WMEX Bldg., 70 Brookline Ave. PHONE: Commonwealth 3900-1. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Quincy, Mass. TIME ON THE AIR: 111 Hours weekly. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Langworth, Davis & Schwegler.

### Personnel

2 (7 5 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	-
President-Program Director	John E. Reilly
Station Manager	Alfred J. Pote
Sales Manager	S. A. Wasser
Commercial Manager	W. S. Pole
Office Manager	Marie Mason
Publicity DirectorVi	vienne Cameron
Musical Director	lexander Thiede
Chief EngineerV	Villiam M. Smith

### Coverage

Population—Primary	1,850,000
Radio Homes— "	426,000
Population—Secondary	2,716,000
Radio Homes "	625,000
Causes, Field intensity management	at. Mass

Source: Field intensity measurement: Mass. Decennial Census; Joint Committee.

### Representative

Joseph Hershey McGillvra

## WNAC

BOSTON—EST. 1922

NBC (RED)—YANKEE NETWORK
FREQUENCY: 1260 Kc, POWER: 50000 watts.
OWNED BY: The Yankee Network, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 21
Brookline Ave. PHONE: Comm. 0800. STUDIO ADDRESS: 21 Brookline Ave. TRANSMITTER LOCATION: Squantum (Quincy). TIME.
ON THE AIR: 6:00 A. M. to 1:05 A.M. (daily),
8:00 A.M. to 1:05 A.M. (Sunday). NEWS SERVICES: International News Service, Universal
Service. MAINTAINS ARTISTS' BUREAU.
TRANSCRIPTION SERVICES: Associated, Davis
& Schwegler.

### Personnel

PresidentJohn Shepard, 3	ırd
Executive Secretary to President. Robert Bartl	еy
Vice-President in Charge of	

Station Operations . . . . . . . R. L. Harlow Vice-President in Charge of

Sales and Production.....Linus Travers Vice-President in Charge of Engineering,

Paul A. DeMars

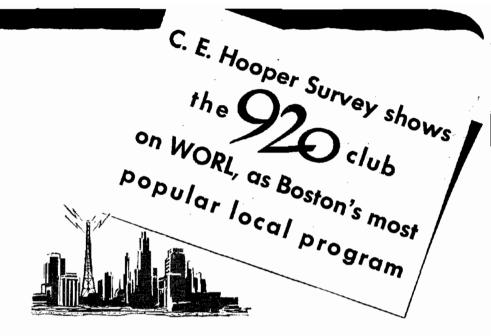
Merchandising and Promotion Director

referendentialing and Fightonic	II Director,
	Robert S. Playfair
Merchandising	F. C. McVarish
Special Events	.Fred McLaughlin
Sales and Station Relations.	Gerald Harrison
Program Director	Eleanor Geer
Production Director	George Steffy
Production Supervisor	Charles Curtin
News Editor	Leland Bickford
Artists Bureau Head	Josephine White
Publicity Director	.A. J. Stephenson
Musical Director	Francis J. Cronin
Chief Engineer I	rving R Robinson

### Coverage

	Daytime	Evening
Population—Primary	2,296,726	2,021,665
Radio Homes— "	529,275	464,983
Source: Field intensity	measurem	ents.

## Representative Edward Petry & Co., Inc.



"The 920 CLUB on WORL is Boston's overwhelming favorite local program"—so was the finding of C. E. Hooper, Inc., nationally known radio research organization, when a survey was made January 28-29, 1941 in the Boston area.

The 920 CLUB received more votes than the total of the next three local programs combined.

For maximum results in one of the nation's richest markets WORL's 920 CLUB offers national advertisers Boston's biggest participating program.

Boston, Mass.

**1000 WATTS** 

## WORL

BOSTON-EST. 1926

FREQUENCY: 950 Kc. POWER: 1000 watts. OWNED BY: Broadcasting Service Organization, Inc. OPERATED BY: Broadcasting Service Organization, Inc. BUSINESS ADDRESS: Myles Standish Hotel, 610 Beacon St. PHONE: Commonwealth 5100. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Needham. TIME ON THE AIR: 7:00 A.M. to local sunset. NEW SERVICE: United Press.

### Personnel

President
General ManagerGeorge Lasker
Publicity DirectorStephen Manookian
Program-Musical DirectorRobert N. Perry
Chief EngineerMelvin Stickles

### Coverage

Population—Primary	1,970,200
Radio Homes— "	443,800
Population—Secondary	750,000
Radio Homes— "	150,000

Source: Field intensity survey.

### Representative

Burn-Smith Co. See Page 408

## WSAR

FALL RIVER—EST. 1921
MUTUAL—COLONIAL & YANKEE

FREQUENCY: 1480 Kc. POWER: 1000 watts. OWNED BY: Doughty & Welch Elec. Co., Inc. OPERATED BY: Doughty & Welch Electric Co., Inc. BUSINESS ADDRESS: 102 S. Main St. PHONE: Fall River 450-1. STUDIO ADDRESS: 102 S. Main St. PHONE: 2787. TRANSMITTER LOCATION: 20 Walker St., Somerset, Mass. TIME ON THE AIR: (Daily) 7:30 A.M. to 12:00 Midnight: (Sunday) 8:00 A.M. to 12:00 Midnight (115 hours weekly). NEWS SERVICE: Yankee Network News Service. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

President and Station Manager. Wm. T. Welch Secretary and Assistant Treasurer,

	Philly J. Maurettie
Program Director	Josephine Y. Welch
Commercial Mgr	Leonard C. Cox
Chief Engineer	John C. Pavao

### Coverage

Population—Primary	1,022,753
Radio Homes "	132,121
Population—Secondary	2,519,621
Radio Homes—"	377,600
Source: Joint Committee; Editor & I	Publisher.

Representative

Furgason & Walker, Inc.

## WHAI

GREENFIELD—EST. 1938 MUTUAL—YANKEE &

COLONIAL NETWORKS
FREQUENCY: 1240 Kc. POWER: 250 Watts.
OWNED BY: John W. Haigis. OPERATED BY:
John W. Haigis. BUSINESS ADDRESS: Mansion House. PHONE: 4-3-0-1. STUDIO ADDRESS: Mansion House. TRANSMITTER LOCATION: Woodard Road. TIME ON THE AIR:
7:00 A.M. to 12:00 Midnight (118 hours weekly).
NEWS SERVICE: Yankee Network News Service, Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System. MAINTAINS ARTISTS' BUREAU.

### Personnel

OwnerJohn W. Haigis	
Manager James L. Spates	
Commercial ManagerC. D. Barradale	
Program-Musical DirectorWarren Greenwood	
Production and Sales Promotion Manager,	

Hal Goodwin
Publicity Director......Ken Houseman
Artists' Bureau Head-Chief Announcer,

Coverage

	Daytime	Evening
Population—Primary	45,756	30,450
Radio Homes— "	10,630	7,095
Population—Secondary	209,407	
Radio Homes— "	47,370	

Source: Field intensity measurements.

### Representative

Joseph Hershey McGillvra

## WHYN\*

HOLYOKE-EST. 1941

FREQUENCY: 1370 Kc. POWER: 250 watts.

OWNED BY: The Hamden-Hampshire Corp.

OPERATED BY: Same. BUSINESS ADDRESS:
Holycke, Mass. STUDIO ADDRESS: Same.

TRANSMITTER LOCATION: Hadley, Mass.

TIME ON THE AIR: Unlimited license. NEWS
PAPER AFFILIATION: Holycke TranscriptTelegram, Northampton Hampshire Gazette.

### Personnel

President	William Dwight
Commercial Manager	Patrick J. Montague
Treasurer	Minnie R. Dwight
Manager	Charles N. DeRose
*Station was licensed	
construction narmit of the	me of going to proce

construction permit at time of going to press and no further information was available.

## WOCB

HYANNIS, CAPE COD—EST. 1939
FREQUENCY: 1240 Kc. POWER: 250 waits.
OWNED BY: Harriet M. Alleman and Helen W.

### MASSACHUSETTS

MacLellan. OPERATED BY: Cape Cod Broadcasting Co. BUSINESS ADDRESS: West Yarmouth, Mass. STUDIO ADDRESS: West Yarmouth, Mass. TRANSMITTER LOCATION. Same. TIME ON THE AIR: 8:00 A.M. to 11:00 P.M.; Sundays, 9:00 A.M. to 11:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Associated.

### Personnel

Station Manager	H. M. Alleman
Commercial Manager	A. A. Newcomb
Program Director	A. H. Flint
Sales Promotion Manager	Rodney Merrill
Chief Engineer	Ralph Lawton

## WLAW

### LAWRENCE—EST. 1937

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 680 Kc. POWER: 5000 watts. OWNED BY: Hildreth & Rogers Co. OPERATED BY: Hildreth & Rogers Co. BUSINESS ADDRESS: 278 Essex St. PHONE: 4107. STUDIO ADDRESS: 278 Essex St. TRANSMITTER LOCATION: River Road, Andover, Mass. TIME ON THE AIR: 6:30 A.M. to 1:00 A.M. NEWSPAPER AFFILIATIONS: Lawrence Daily Eagle. The Evening Tribune. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC

Thesaurus, World Broadcasting System, Standard Radio.

### Personnel

President	A. H. Rogers
General Manager	Irving E. Rogers
Sales Manager	David M. Kimel
Business Manager	David G. Jones
Program Director	John D. Maloy
Publicity Director	William M. Noble
Chief Engineer	.George A. Hinckley

### Coverage

Daytime	Evening
Population—Primary	1,874,000
Population—Secondary 2,671,000	
Source: Field intensity survey	

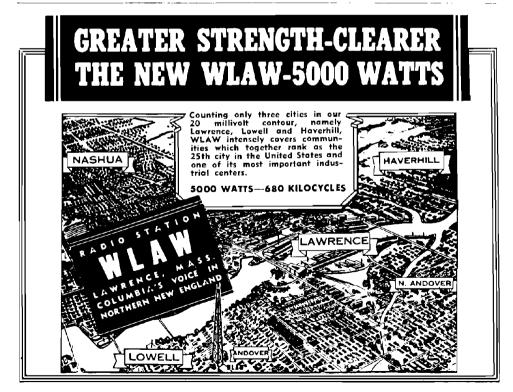
### Representative

The Kaiz Agency

## $\mathbf{W} \mathbf{L}^{\mathsf{T}} \mathbf{L} \mathbf{H}$

## LOWELL-LAWRENCE—EST. 1934 MUTUAL—YANKEE & COLONIAL

FREQUENCY: 1400 Kc. POWER: Lowell. 250 watts. OWNED BY: Merrimac Broadcasting Co., Inc. BUSINESS ADDRESS: Rex Center. PHONE: Lowell 8715. STUDIO ADDRESS: Rex Center: also Cregg Bldg., Lawrence. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:25



A.M. to 12:00 midnight. NEWS SERVICE: Yankee Network News Service, International News Service. HAS ARTISTS' BUREAU AFFILIATION. TRANSCRIPTION SERVICE: Associated Music, Lang-Worth.

Personnel

PresidentA. S. Moffat
Station ManagerRobert F. Donahue
Commercial Manager Haskell Bloomberg
Production ManagerThomas Clayton
Chief Engineer Anthony Michaels
_ ~

 Coverage

 Population—Primary
 585,684

 Radio Homes—"
 131,040

 Population—Secondary
 1,041,216

 Radio Homes—"
 232,960

Source: Field strength measurements and mail response analysis.

Representative Edward Petry & Co., Inc.

## WNBH

NEW BEDFORD—EST. 1921 COLONIAL—YANKEE—MUTUAL

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: E. Anthony & Sons, Inc. OPER-ATED BY: E. Anthony & Sons, Inc. BUSINESS ADDRESS: 588 Pleasant St. PHONES: 3-3447. 3-0246. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Crow Island, Fairhaven, Mass. TIME ON THE AIR: 7:30 A.M. to 11:30 P.M. (daily); 7:30 A.M. to midnight (Saturday); 8:45 A.M. to 11:30 P.M. (Sunday). NEWSPAPER AFFILIATIONS: Standard-Times, Morning Mercury. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

General Manager......Irving Vermilya Chief Engineer......Clyde Pierce

## WBRK

PITTSFIELD—EST, 1938

MUTUAL—COLONIAL & YANKEE NETWORKS FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: Harold Thomas. OPERATED BY: Harold Thomas. OPERATED BY: Harold Thomas. BUSINESS ADDRESS: 8 Bank Row. PHONES: 2-1553-4. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: East St. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight (118 hours weekly). NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President-Owner	Thomas
Local ManagerLevon	Thomas
Commercial ManagerBruff	W. Olin
Program DirectorBernie	Adams

# "Position Is Everything"

WNBH Transmitting Station, Crow Island



"An old sand bar of the sea gives birth to a miracle of the air"

250 Watts Day and Night on a small island is equivalent to 750 Watts power elsewhere, due to water conduction.

This added and improved coverage is available at the 250 Watt advertising rates.

Reaching 300,000 people daily makes WNBH of New Bedford, Mass. a better buy for your advertising dollar.

# RADIO STATION WNBH BEDFORD,

Member Yankee Network

## WESX

SALEM-EST, 1939

FREQUENCY: 1230 Kc. POWER: 250 waits. OWNED BY: North Shore Broadcasting Co. OPERATED BY: North Shore Broadcasting Co. BUSINESS ADDRESS: 126 Washington St.: 341 Union St.. Lynn. PHONES: Salem 5670: Lynn 5-1435. STUDIO ADDRESSES: Same. TRANSMITTER LOCATION: Marblehead. TIME ON THE AIR: Unlimited Schedule (actual. 6:30 A.M. to 12:00 Midnight). NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated. World Broadcasting System. MAINTAINS ARTISTS' BUREAU.

### Personnel

President	Charles W. Phelan
General Manager	Van D. Sheldon
Commercial Manager	Robert C. Taylor
Program Director	Marjorie Leadbetter
Chief Engineer	Richard I. Hammond

### Coverage

	Daytime	Evening
Population—Primary	400,000	300,000
Radio Homes— "	91,000	76,000
Radio Homes—Secondary	125,000	
Sources: Department of	Commerce	; Field
strength measurements.		

### Representative

William G. Rambeau Co.

## WMAS

SPRINGFIELD—EST. 1932 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Radio Station WMAS, Inc. OPERATED BY: Radio Station WMAS, Inc. BUSINESS ADDRESS: Hotel Charles. PHONE: 7-1414-5. STUDIO ADDRESS: Hotel Charles. TRANSMITTER LOCATION: Pynchon Park, West St. TIME ON THE AIR: (daily) 7:00 A.M. to 1:00 A.M.; (Sunday) 8:39 A.M. to 1:00 A.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated Recorded Program Service.

### Personnel

President	. A.	S.	Moffat
General Manager	. A.	W.	Marlin
Program DirectorF.	Tu	rner	Cooke
Musical Director	.Pa	ய P	elletier
Chief EngineerEar	rl G	. He	winson

### Coverage

	Daytime	Evening
Population—Primary	427,900	351,600
Radio Homes- "	100,600	83,680
Population-Secondary	1,237,000	532,200
Radio Homes— "	279,530	130,000
Source: CBS Listener Stu	ıdv.	

### Representative

Edward Petry & Co., Inc.

## WSPR

SPRINGFIELD—EST. 1936

MBS—YANKEE—COLONIAL NETWORKS FREQUENCY: 1270 Kc. POWER: 500 watts. OWNED BY: WSPR, Inc. OPERATED BY: WSPR, Inc. BUSINESS ADDRESS: 63 Chestnut St. PHONE: Springfield 6-2757. STUDIO ADDRESS: 63 Chestnut St. TRANSMITTER LOCATION: West Springfield. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight. NEWS SERVICE: Transradio Press and Yankee Network News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

President-Station Manager. Quincy A. Brackett
TreasurerLewis B. Breed
Commercial ManagerMilton W. Stoughton
Program Director
Chief Engineer

### Coverage

	Daylime	Evening
Population-Primary	1,119,000	671,400
Radio Homes- "	267,100	170,000
Population—Secondary	618,500	370,000
Radio Homes- "	145,000	86,900
Source: Field strength s	urvey.	

Representative
George P. Hollingbery Co.

## W M A W\*

WORCESTER-EST. 1941

FREQUENCY: 1200 Kc. POWER: 250 watts with 3 100-watt amplifiers at Auburn, Whitinsville and Marlborough, Mass. OWNED BY: C. T. Scherer Co. OPERATED BY: Same. BUSINESS ADDRESS: Worcester.

### Personnel

PresidentFr	ank F. Butler
Vice-President W. R	oberi Ballard
*Station was licensed to open	ate under a
construction permit at time of ac-	ing to press

## WORC

WORCESTER—EST. 1925 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1310 Kc. POWER: 1000 watts.

OWNED BY: A. F. Kleindienst. OPERATED
BY: Same. BUSINESS ADDRESS: 65 Elm St.
PHONE: 5-3101. STUDIO ADDRESS: Same.
TRANSMITTER LOCATION: Auburn. TIME ON
THE AIR: 8:00 A.M. to 12:00 midnight.
TRANSCRIPTION SERVICE: NBC Thesqurus.

### MASSACHUSETTS-MICHIGAN

### Personnel

Owner	A. F. Kleindienst
	ManagerMildred P. Stanton
Chief E	ngineerA. F. Kleindienst

### Coverage

Population	n—Prin	ary							 	45 <b>9</b> ,159
Radio Ho	mes—	<i>"</i>	 						 	108,486
Cource	Field	inte	 .:.	••	_	 ~	٠.	٠.	 <b></b> .	n ta

Representative

**Neprese**ntative Weed & Co.

# WTAG

WORCESTER—1924
NBC (RED)—YANKEE NETWORK

FREQUENCY: 580 Kc. POWER: 5000 watts. OWNED BY: Worcester Telegram Pub. Co., Inc. OPERATED BY: Worcester Telegram Pub. Co., Inc. BUSINESS ADDRESS: 18 Franklin St. PHONE: Worcester 5-4321. STUDIO ADDRESS: 18 Franklin St. TRANSMITTER LOCATION: Holden. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight (121½ hours weekly). NEWSPAPER AFFILIATIONS: Worcester Telegram, Evening

Gazette, Sunday Telegram. NEWS SERVICE: Associated Press, United Press, International News Service. TRANSCRIPTION SERVICE: World Broadcasting System.

### Personnel

Vice-President-General	
Manager	George F. Booth
Director	Edward E. Hill
Assistant Director	Robert W. Booth
Commercial Manager	George H. Jaspert
Local Sales Manager	Dorothy Robinson
Chief Announcer	
Publicity Director	. Frederick L. Rushton
Program Director	. William T. Cavanagh
Musical Director	Onell Smith
Chief Engineer	Hobart H. Newell

### Coverage

	Daytime	Evening
Population—Primary	1.014,000	764,564
Radio Homes—"	. 245,626	159,030
Source: Field intensity	measureme	nts; U.S.
Census		

Representative Edward Petry & Co., Inc.

# MICHIGAN

Population 5,256,106

Number of Radio Homes 1,272,120

Number of Families 1,382,738

Auto Registrations 1,187,000

For 1940 Census data, please turn to page 259

### WFII

BATTLE CREEK—EST. 1925 NATIONAL BROADCASTING CO. MICHIGAN RADIO NETWORK

FREQUENCY: 1400 Kc. POWER: 250 watts.

OWNED BY: Federated Publications, Inc. OPERATED BY: Enquirer-News Co. BUSINESS
ADDRESS: 1 West Michigan Ave., 212-218
First National Bank Bldg. PHONE: 5655-7166.

STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M.
to Midnight; Sundays, 9:00 A.M. to Midnight.

NEWSPAPER AFFILIATIONS: Enquirer-News.

NEWS SERVICE: Associated Press, United

### Personnel

President A. L. Millet
General Manager
Commercial Manager F. F. Owen
Program Director
Chief Engineer R. B. Roof

Representative
Burn-Smith Co.

## WBCM

BAY CITY-EST, 1928

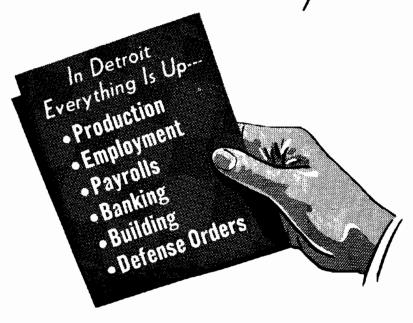
NBC-MICHIGAN RADIO NETWORK

FREQUENCY: 1440 Kc. POWER: 1000 waits, d.: 500 waits, n. OWNED BY: Bay Broadcasting Co., Inc. OPERATED BY: Same. BUSI-NESS ADDRESS: 104 Center Ave. PHONE: Bay City 7551 and Saginaw 2-2171. STUDIO ADDRESS: Wenonah Hotel. TRANSMITTER LOCATION: Hampton Township. TIME ON THE AIR: 6:30 A.M. to 12:00 midnight; Sundays, 8:00 A.M. to 12:00 Midnight, NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

PresidentJames E. Davidson
General Manager
Sales Promotion ManagerA. F. Huebner
Program DirectorJack D. Parker
Production ManagerRuss Lyon
Musical DirectorLionel DeRemer
Chief EngineerRalph H. Carpenter

# —"and Remember, Netroit is Now in its 3rd Year of Important Business" Gains



For 20 Year's, WWY, Umericas Pioneer Radio Station, has been First in Listener Interest in the Great Petroit Market.



### Coverage

	Daytime	Evening
Population—Primary	106,319	64,218
Radio Homes— "	26,575	16,057
Population—Secondary	559,463	408,367
Radio Homes—"	139,866	162,692
Source: Field intensity	measureme	nts; 1930

U. S. Census.

Representative
George P. Hollingbery Co.

## WHDF

CALUMET-EST. 1929

NORTH CENTRAL BROADCASTING SYSTEM FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Upper Michigan Broadcasting Co. OPERATED BY: Upper Michigan Broadcasting Co. BUSINESS ADDRESS: Community Bldg., Houghton, Mich. PHONE: Houghton 1; and Calumet 869. STUDIO ADDRESS: 515 Scott St.; and Community Bldg., Houghton. TRANSMITTER LOCATION: Calumet. TIME ON THE AIR: 7:30 A.M. to 7:30 P.M., daily; 10:00 A.M. to 8:30 P.M., Sundays. NEWS SERVICE: Associated Press and local news. NEWSPAPER AFFILIATIONS: Houghton Morning Gazette, Calumet Evening News-Journal. NEWS SER-VICE: Associated Press. TRANSCRIPTION SER-VICE: World Broadcasting System, Lang-Worth, Standard Radio.

### Personnel

General Manager	John W. Rice
Commercial Manager	. Albert W. Payne
Program Director	Earl Nordeen
Technical Supervisor	George L. Burgan

### Coverage

Population—Primary	51,541
Radio Homes— "	11,760
Population—Secondary	20,727
Radio Homes— "	4,010
Source: Signal strength survey: Ja	

millee. Representative

Bogner & Martin

# WJBK

DETROIT—EST. 1928

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: James F. Hopkins, Inc. OPERATED BY: James F. Hopkins, Inc. BUSINESS ADDRESS: 6559 Hamilton. PHONE: Trinity 2-2000. STUDIO ADDRESS: 6559 Hamilton. TRANSMITTER LOCATION: 15551 Woodrow Wilson. TIME ON THE AIR: 24 hours per day. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated Music. Standard Popular Library, NAB (Public Domain).

Chief Announcer	Charles Starrett
Station Manager	James F. Hopkins
Publicity Director	Ethel Berman
Musical Director	Sybil Krieghoff
Chief Engineer	Paul Frinke
Caror	AKO

Coverage

Population—Primary 1,999,000
Radio Homes— " 480,900
Source: Field intensity measurements.

## WJR

### DETROIT—EST. 1925

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 760 Kc. POWER: 50,000 watts. OWNED BY: WJR Goodwill Station. OPERATED BY: WJR Goodwill Station. BUSINESS ADDRESS: Fisher Bldg. PHONE: Madison 4440. STUDIO ADDRESS: Fisher Bldg. TRANSMITTER LOCATION: Trenton, Mich. TIME ON THE AIR: 5:30 A.M. to 1:00 A.M. daily: 8:00 A.M. to 1:00 A.M., Sundays. NEWS SERVICE: International News Service TRANSCRIPTION SERVICE: World Broadcasting System, Standard Radio.

dard Radio. Personnel

Vice-President John Patt
Assistant General Manager-Sales Manager,

Owen F. Uridge
Secretary-Treasurer P. M. Thomas
Publicity Director Neal Tony
Program Director Norman White
Chief Announcer Franklin C. Mitchell
Musical Director Samuel Benavie
Chief Engineer M. R. Mitchell

Coverage

| Daytime | Evening | Population—Primary | 7,961,800 | 7,176,100 | Radio Homes— " | 1,689,960 | 1,532,300 | Population—Secondary | 11,678,500 | 22,904,800 | Radio Homes— " | 2,500,510 | 4,974,470 | Source: CBS Listener Study.

Representative

Edward Petry & Co.

## WMBC

DETROIT-EST. 1925

FREQUENCY: 1400 Kc. POWER: 250 waits. OWNED BY: John L. Booth Broadcasting. Inc. OPERATED BY: Same. BUSINESS ADDRESS: 7310 Woodward. PHONE: Madison 9100. STUDIO ADDRESS: 7310 Woodward Ave. and Eaton Tower Bldg. TRANSMITTER LOCATION: 7310 Woodward. TIME ON THE AIR: 6:03 A.M. to 2:00 A.M. (134 hours weekly). NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President-General Manager..... John L. Booth

### MICHIGAN

Vice-President	.W. W. Booth
Secretary	lugh M. Gray
Station ManagerEdythe	Fern Melrose
Program Publicity Director	Fred Knorr
Chief Announcer	Charles Farrell
Musical Director	.Herbert Mertz
Chief Engineer	Edward Clark
Coverage	
Description Difference	1 000 000

 Population—Primary
 1,999,000

 Radio Homes—"
 480,900

 Population—Secondary
 2,242,000

Source: Field intensity measurements.

Representative
Furgason & Walker

C K L W

**DETROIT** 

(See Windsor, Ont., Canada)

w w J

DETROIT—EST. 1920

NATIONAL BROADCASTING CO. (RED) FREQUENCY: 950 Kc. POWER: 5000 watts. OWNED BY: Evening News Assn. OPERATED BY: Same. BUSINESS ADDRESS: 615 W. Lafayette Blvd. PHONE: Randolph 2000. STUDIO ADDRESS: 624-30 W. Lafayette Blvd. TRANSMITTER LOCATION: 12700 W. Eight Mile Rd.,

Oak Park, Mich. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M. NEWSPAPER AFFILIATION: The Datroit News. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Lang-Worth, Standard Radio.

Personnel

Generol Manager ... W. J. Scripps
Assistant General Manager ... E. L. Tyson
Sales Manager ... Harry Bannister
Sales Promotion Manager ... Jake Albert
Musical Director ... Mischa Kottler
Operations Manager ... Forrest Wallace
Chief Engineer ... Walter Hoffman

Coverage

| Daytime | Evening | 3,170,062 | 2,388,741 | Radio Homes— " | 641,502 | 488,090 | Population—Secondary | 2,541,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000 | 153,000

Source: Field intensity measurements.

Representative
George P. Hollingbery Co.
(See Page 450)

WXYZ

DETROIT-EST. 1930

NBC (BLUE)—CBC—MICHIGAN RADIO NETWORK (KEY STATION)

FREQUENCY: 1270 Kc. POWER: 5000 watts. OWNED BY: King-Trendle Broadcasting Corp.



5000 WATTS DAY and NIGHT . CLEAR CHANNEL MUTUAL BROADCASTING SYSTEM



OPERATED BY: Same. BUSINESS ADDRESS: 17th Floor—Stroh Bldg. PHONE: PBX Cherry 8321. STUDIO ADDRESS: Atop Maccabees Bldg. TRANSMITTER LOCATION: 15505 Joy Rd. TIME ON THE AIR: 6:30 A.M. to 1:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Has wide range of transcription library.

Personnel

President-Treasurer George W. Trendle
Vice-President John H. King
Secretary-General Manager.
H. Allen Campbell
Commercial Manager Harry Sutton, Jr.
Advertising and Sales Promotion Manager,
Charles C. Hicks
Studio Supervisor H. Earl Noore
Chief Announcer Roy Gardner
Publicity Director Felix Holt
Musical Director Benny Kyte
Chief Engineer Roy Gardner

Coverage

Daytime Evening
Population—Primary ... 2,945,474 2,287,329
Radio Homes— " ... 683,111 524,070
Source: Field intensity survey.

Representative
Paul H. Raymer Co.

## WKAR

### EAST LANSING-EST. 1922

FREQUENCY: 870 Kc. POWER: 5000 watts. OWNED BY: Michigan State College. OPERATED BY: Michigan State College. BUSINESS ADDRESS: East Lansing. PHONE: 59113. Ext. 600. STUDIO ADDRESS: Campus. TRANSMITTER LOCATION: Campus. TIME ON THE AIR: 6:00 A.M. to 5:00 P.M., daily\_except Sunday.

Personnel

Station Manager.......Robert J. Coleman Chairman, Radio Committee...R. J. Baldwin Chief Engineer.........Norris Grover

Coverage

Population—Primary 4,160,000
Radio Homes— 955,760
Source: Joint Committee,

## W D B C\*

### ESCANABA—EST. 1941

FREQUENCY: 1500 Kc. POWER: 250 watts. OWNED BY: Delta Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Escanaba. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited license. NEWPAPER AFFILIATION: Marquette Mining Journal.

Personnel

President Joe J. Clancy
Vice-President George F. Perrin
Secretary-Treasurer Gordon H. Bozek

\*Station was licensed to operate under a construction permit at time of going to press.

## WFDF

FLINT-EST. 1922

NBC-BLUE

MICHIGAN RADIO NETWORK
FREQUENCY: 910 Kc. POWER: 1000 watts.
OWNED BY: Flint Broadcasting Co. OP.
ERATED BY: Flint Broadcasting Co. BUSINESS ADDRESS: Union Industrial Bidg.
PHONE: 2-7158. STUDIO ADDRESS: Union Industrial Bidg. TRANSMITTER LOCATION:
E. Bristol Rd. TIME ON THE AIR: (daily) 6:00
A.M. to 12:00 Midnight, (Sunday) 8:00 A.M. to
12:00 Midnight. NEWS SERVICES: International News Service and WFDF News Bureau

(local). TRANSCRIPTION SERVICE: NBC The-

<sup>s.</sup> Personnel

President	Frank D. Fallain
Station Manager	. Howard M. Loeb
Commercial Manager	
Program Director	
Publicity Director	
Chief Announcer	
Musical Director	
Chief Engineer	
<b>6</b>	

Coverage

	Daytime	Evening
Population—Primary	564,200	943,750
Radio Homes — "	120,900	202,232
Population—Secondary	956,840	972,360
Radio Homes— "	204,857	208,286

Source: U. S. Census; Joint Committee: field intensity survey.

## Representative Burn-Smith Co.

## W G R B\*

### GRAND RAPIDS-EST. 1940

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Grand Rapids Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Grand Rapids. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited license.

Personnel

President Boyd K. Muir
Treasurer Harrison L. Goodspeed
Vice-President Angus D. Pfaff
Secretary Siegel W Judd

\*Station was licensed to operate under a construction permit at time of going to press and no further information was available.

## WLAV

GRAND RAPIDS—EST. 1940
MUTUAL BROADCASTING SYSTEM
FREQUENCY: 1340 Kc. POWER: 250 watts.

OWNED BY: Leonard A. Versluis. OPERATED BY: Leonard A. Versluis. BUSINESS ADDRESS: Keeler Bldg., 6 Fountain St., N. E. PHONE: 6-5461. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:45 A.M. to 1:00 A.M.; Sundays, 8:00 A.M. to 1:00 A.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

1 61 30 11 11 6
OwnerLeonard A. Versluis
Station Manager Hy M. Steed
Merchandising ManagerRoy C. Kelley
Sales Promotion ManagerKing C. Bard
Publicity DirectorPat Hannagan
Traffic Manager Kathryn Mordo
Chief AnnouncerJohn Marshall
Musical DirectorLew Srubman
Chief EngineerLauren Bergeron

## WOOD-WASH

### GRAND RAPIDS—EST. 1923

NBC (RED & BLUE)
MICHIGAN RADIO NETWORK

FREQUENCY: 1300 Kc. POWER: 5000 watts. OWNED BY: King-Trendle Broadcasting Corp. OPERATED BY: King-Trendle Broadcasting Corp. BUSINESS ADDRESS: 16th floor, G. R. National Bank Bldg. PHONE: 9-4211. STUDIO ADDRESS: 16th floor, G. R. National Bank Bldg. TRANSMITTER LOCATION: Bridge Road. TIME ON THE AIR: 7:00 A.M. to 12:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated Program Service.

### Personnel

### Coverage

	Daytime	Evening
Population—Primary	240,000	240,000
Radio Homes- "	59,000	59,000
Population-Secondary	519,000	519,000
Radio Homes— "	126,000	126,000
Source: Field intensity	measureme	nts; Joint
Committee.		-

## Representative Paul H. Raymer Co.

## W I'M C

IRONWOOD-EST, 1931

ARROWHEAD BROADCASTING SYSTEM FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Upper Michigan-Wisconsin Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: SI. James Hotel Annex. PHONE: 20. STUDIO ADDRESS: SI. James Hotel Annex. TRANSMITTER LOCATION: North of Ironwood

on U. S. No. 2 near Douglas Blvd. TIME ON THE AIR: Unlimited time; regular schedule 7:00 A.M. to 10:00 P.M.; Sunday, 10:00 A.M. to 6:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated Music Publishers, Standard Radio.

### Personnel

Vice-President	and General	l Manager	,
		Noel C.	Ruddell
Commercial M	anager	. Richard I	łasbrook
Program and I	Musical Direc	torHar	ry Wills
Chief Enginee	<b>T</b>	R. L.	Tohnson

### Coverage

	Daytime	Evening
Population—Primary	95,978	00,00
Radio Homes— "	24,289	15,000
Population—Secondary	66,783	45,000
Radio Homes— "	16,691	1 <b>1,250</b>
Source: U. S. Census; Me	ail analysi	is.

### Representative

Bogner & Martin

## WIBM

### JACKSON—EST. 1925

NBC-BLUE

MICHIGAN RADIO NETWORK

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: WIBM, Inc. OPERATED BY: Same. BUSINESS ADDRESS: Hayes Hotel, 228 West Michigan Ave. PHONE: 6121. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M. to 12:00 midnight. MAINTAINS ARTISTS' BUREAU. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

Descident

Herman Radner

184,100

51.200

riesident
Vice-President and Station
ManagerRoy Radner
Program Director
Sales Promotion Manager William Cizek
Chief Engineer
Coverage
Population—Primary 102,400
Radio Homes- " 25,200

# Radio Homes—" Source: Field intensity survey. Representative

Population—Secondary .....

Forioe & Co.

## WKZO

### KALAMAZOO—EST. 1923

MICHIGAN RADIO NETWORK

FREQUENCY: 590 Kc. POWER: 1000 walts.
OWNED BY: WKZO, Inc. OPERATED BY:
WKZO, Inc. BUSINESS ADDRESS: Burdick Hotel. PHONE: Kalamazoo 3-1223. STUDIO ADDRESS: Same. TRANSMITTER LOCATION:
Parchment. TIME ON THE AIR: 6:00 A.M. to

12:00 Midnight: Sundays, 7:30 A.M. to 12:00 Midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesqurus. MAINTAINS ARTISTS' BUREAU.

### Personnel

President-General Manage	rJohn E. Fetzer
Commercial Manager	John W. O'Harrow
Program Director	. Merlin Stonehouse
Chief Engineer	Edwin Rector

Coverage		
Population—Primary	708,596	
Radio Homes— "	176,350	
Source: Field intensity survey; U.	S. Census,	
1930; Joint Committee.		

### Representative Howard H. Wilson Co.

LANSING-EST, 1934

NBC (BLUE)

MICHIGAN RADIO NETWORK

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: WIIM, Inc. OPERATED BY: Same, BUSINESS ADDRESS: City Nat'l Bldg., 100 N. Washington Ave. PHONE: 2-1333-4-5. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesqurus.

### Personnel

President-General ManagerHarold F. G	iross
Sales Promotion ManagerOmri S. J.	ones
Program DirectorBob I	nnes
Publicity Director	inch

### Coverage

	Daytime	Evening
Population—Primary	201.333	201,333
Radio Homes— "	46,306	46,306
Population-Secondary	175,867	175,867
Radio Homes—"	40,449	40,449
Source: Station survey.	ŕ	

### LAPEER—EST. 1926

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: The Liberty Street Gospel. OP-ERATED BY: Same. BUSINESS ADDRESS: 803 Liberty. PHONE: 455 J-455 M. STUDIO AD-DRESS: 803 Liberty. TRANSMITTER LOCA-TION: Lapeer. TIME ON THE AIR: 9:00 A.M. to 10:30 P.M. except Saturday.

### Personnel

PresidentFran	
Chief Announcer	
Musical Director	
Chief Engineer	H. F. Haves

### MARQUETTE-EST. 1931

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: The Lake Superior Broadcasting Co. OPERATED BY: Same. BUSINESS AD-DRESS: 146 West Washington St. STUDIO AD-DRESS: Same. TRANSMITTER LOCATION: Marquette. TIME ON THE AIR: 8:00 A.M. to 10:00 P.M.: Sunday, 9:00 A.M. to 1:30 P.M. NEWSPAPER AFFILIATION: The Daily Mining Journal, NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System.

### Personnel

Manager-Program Director. Gordon H. Brozek Coverage

Population—Primary	77,200
Radio Homes— "	17,900
Source: Station estimate	

### MUSKEGON—EST. 1926

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Ashbacker Radio Corp. OPER-ATED BY: Same. BUSINESS ADDRESS: Michigan Theater Bldg. PHONE: 26-051. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Muskegon Township. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRAN-SCRIPTION SERVICE: NBC Thesaurus, Associated, Lang-Worth, Davis & Schwegler.

### Personnel

General Manager Grant F. Ashbacker
Chief AnnouncerCurt Flowers
Publicity Director
Artists' Bureau Head-Musical Director,

Frank Lynn 

### Coverage

Population—Primary	150,000	150,000
Radio Homes "	40,000	40,000
Population—Secondary	400,000	200,080
Radio Homes "	100,000	50,000

Source: Department of Commerce.

### Representative Burn-Smith Co.

### PONTIAC—EST. 1939

FREQUENCY: 1130 Kc. POWER: 1000 watts. OWNED BY: Pontiac Broadcasting Co. OPER-ATED BY: Pontiac Broadcasting Co. BUSINESS ADDRESS: 6th Floor, Riker Bldg. STUDIO AD-DRESS: 6th Floor, Riker Bldg. TRANSMITTER LOCATION: Square Lake & Telegraph Roads. TIME ON THE AIR: Daytime License to local sunset. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesquius.

### Personnel

PresidentGed	rge	M.	Stutz
General Manager	Y.	Lev	inson
Program DirectorSto	ınley	y So	chultz
Commercial Manager	w.	K. E	ailey
Chief Engineer	lley	w	enger
C			

### Coverage

2,604,000 Population—Primary ..... Radio Homes— " ...... 576,700 Source: Field intensity survey: Joint Com-

mittee.

### Representative Radio Advertising Corp.

### PORT HURON-EST, 1938

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Harmon LeRoy Stevens and Herman LeRoy Stevens. OPERATED BY: Port Huron Broadcasting Co. BUSINESS ADDRESS: WHLS Radio Building, 932 Military St. STU-DIO ADDRESS: Same. TRANSMITTER LOCA-TION: 540—32nd St. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight. NEWS SERVICE: TRANSCRIPTION SERVICE: United Press. Associated.

Personnel

Sales and Sales Promotion Manager,

Robert Mackin Production Manager .... Harmon L. Stevens Musical Director.....Lyle Patterson Chief Engineer..........Wayne F. McDonnell

Coverage

	Daytime	Evening
Population—Primary	101,644	56,083
Radio Homes— "	22,913	15,021
Population—Secondary	285,636	
Radio Homes "	65,588	
Source: Station survey.		

### ROYAL OAK—EST. 1925

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: Royal Oak Broadcasting Co. OPERATED BY: Royal Oak Broadcasting Co. BUSINESS ADDRESS: 212 W. 6th St. PHONES: Elmhurst 6524 and Royal Oak 0815. STUDIO ADDRESS: 212 W. 6th St. TRANSMITTER LO-CATION: 212 W. 6th St. TIME ON THE AIR: 8:00 A.M. to 4:00 A.M.

### Personnel

President	. <b>G</b> .	B,	Hartrick
Business Manager	E. C	. Т	hompson
Chief EngineerJosep	h L,	M	cFarland

SAGINAW—EST. 1939

FREQUENCY: 980 Kc. POWER: 500 watts.

OWNED BY: Harold F. Gross and Edmund C. Shields. OPERATED BY: Harold F. Gross and Edmund C. Shields, BUSINESS ADDRESS: Saginaw. STUDIO ADDRESS: Saginaw. TRANS MITTER LOCATION: Same. TIME ON THE AIR: Daytime License.

Station was licensed to operate under a construction permit at time of going to press.

# SAM

### SAGINAW

FREQUENCY: 1230 Kc. POWER: 250 watts, d.; 100 walts, n. OWNED BY: Saginaw Broadcasting Co. OPERATED BY: Saginaw Broadcasting Co. BUSINESS ADDRESS: Bay at Weiss St. PHONE: 26148. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7412 hours weekly. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

President	. Milton L. Greenebaum
Station Manager	Frederic Shaffmaster
Program Director	Stuart Sheill
Publicity Director	Bob Phillips
Chief Engineer	Harold McCullen

### Coverage

	Daytime	Evening
Population—Primary	590,000	350,000
Radio Homes "	138,000	105,000
Population—Secondary	130.000	80,000
Radio Homes— "	31,000	17,000
Source: Field intensity	survey; J	oint Com-

### SAULT STE. MARIE—EST, 1939

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Higwathaland Broadcasting Co. OPERATED BY: Hiawathaland Broadcasting Co. BUSINESS ADDRESS: 104 W. Portage Ave. PHONE: 2642. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: U. S. Highway No. 2. TIME ON THE AIR: 6:00 A.M. to 10:00 P.M.; Sundays, 9:30 A.M. to 9:30 P.M.

### Personnel

General	Manager	Stanley R. Prati
Program	Director	John W. Lozier
Commerc	ial Manager	R. Y. Burnett

### Representative

Joseph Hershey McGillyra

### TRAVERSE CITY—EST. 1940

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Midwestern Broadcasting Co. OPERATED BY: Midwestern Broadcasting Co. BUSINESS ADDRESS: Anderson Bldg. PHONE: 1150 STUDIO ADDRESS: Same, TRANSMITTER

mittee.

### MICHIGAN-MINNESOTA

LOCATION: Elmwood Township, Mich. TIME ON THE AIR: 6:00 A.M. to 10:00 P.M. TRAN-SCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

### Personnel

President-Station Manager Les Biederman Sales Manager Graham Keevil Chief Engineer Drew McClay

# -MINNESOTA

Population 2,792,300 Number of Families 726,391 Number of Radio Homes 620,770 Auto Registrations 869,940

For 1940 Census data, please turn to page 260

## KATE

ALBERT LEA—EST. 1937

MUTUAL BROADCASTING SYSTEM
NORTH CENTRAL BROADCASTING SYSTEM
FREQUENCY: 1450 Kc. POWER: 250 watts.
OWNED BY: Albert Lea-Austin Broadcasting
Co. OPERATED BY: Same. BUSINESS ADDRESS: 332 South Broadway. PHONE: 2338.
STUDIO ADDRESS: 332 Broadway. TRANSMITTER LOCATION: Same. TIME ON THE AIR:
6:00 A.M. to 12:00 Midnight. NEWS SERVICE.
C. P. MacGregor, World Broadcasting Co.

### Personnel

and Standard Radio.

President and Station ManagerE. L. Hayek
Assistant Manager Warren C. Tidemann
Commercial ManagerTom H. Lathrop
Program DirectorSherman Booen
Publicity DirectorErnest Murray
Musical Director
Chief EngineerGeorge Church

 Population—Primary
 242,876

 Radio Homes—"
 51,570

 Population—Secondary
 548,630

 Radio Homes—"
 117,566

Coverage

Source: Field intensity measurements and mail count.

## KDAL

DULUTH—EST. 1936

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1490 Kc. POWER: 250 waits. OWNED BY: Red River Broadcasting Co. OUSERATED BY: Red River Broadcasting Co. BUSINESS ADDRESS: 218 Bradley Bldg. PHONE: Melrose 2230. STUDIO ADDRESS: Bradley Bldg. TRANSMITTER LOCATION: Park Point TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight: Sundays, 8:00 A.M. to 12:00 Midnight: Sundays, 8:00 A.M. to 12:00 Midnight. NEWS SERVICE: Transradio Press-Radio Bureau. TRANSCRIPTION SERVICE. Lang-Worth, Davis & Schwegler.

### Personnel

Station N	Manager	Dalton	LeM	asurier
Commerci	ial Manager	A	. H.	Flaten
Publicity	Director		Ellis	Harris

Program Director......Gilbert Fawcett
Chief Engineer.....Robert A. Dettman

### Coverage

	Daytime	Evening
Population—Primary	180,600	180,600
Radio Homes— "	38,950	38,950
Population—Secondary	135,400	142,400
Radio Homes—"	28,420	30,140
Source: CBS Listener Stu	dv.	

## WEBC

DULUTH-EST. 1924

NATIONAL BROADCASTING COMPANY ARROWHEAD BROADCASTING SYSTEM

NORTH CENTRAL BROADCASTING SYSTEM FREQUENCY: 1320 Kc. POWER: 5000 watts. OWNED BY: Head of Lakes Broadcasting Co. POPERATED BY: Head of Lakes Broadcasting Co. BUSINESS ADDRESS: WEBC Bldg. PHONE: Melrose 1537. STUDIO ADDRESS: WEBC Bldg., Duluth; WEBC Bldg., Superior. TRANSMITTER LOCATION: Superior, Wisc. TIME ON THE AIR: Unlimited: Sunday, 16 hours per day; week days, 17 hours per day. NEWSPAPER AFFILIATION: Stockholders interested in newspapers in Wisconsin. NEWS SERVICE: United Press, Associated Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

General ManagerWalter C. B.	ridges
Business ManagerThomas W.	Gavin
Chief EngineerCharles Pe	rsons
Coverage	

 Population—Primary
 339,310

 Radio Homes—"
 70,894

 Population—Secondary
 182,501

 Radio Homes—"
 37,233

Source: Station survey.

### Representative

George P. Hollingbery Co.

## KGDE

FERGUS FALLS-EST. 1926

MUTUAL BROADCASTING SYSTEM
NORTH CENTRAL BROADCASTING SYSTEM
FREQUENCY: 1230 Kc. POWER: 250 worts.



WCCO

now in its seventeenth year is the greatest advertising force in the Twin Cities and in the Northwest.

Among other things, it has:

# 50,000 WATTS WHERE IT COUNTS THE MOST

810 KILOCYCLES . MINNEAPOLIS-ST. PAUL **Dwned and operated by the Columbia Broadcasting** System. Represented nationally by Radio Sales. OWNED BY: C. L. Jaren. OPERATED BY: Same. BUSINESS ADDRESS: Fergus ADDRESS: PHONE: 898. STUDIO TRANSMITTER LOCATION: Same, TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight; Sundays, 7:30 A.M. to 12:00 Midnight, NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: C. P. MacGregor, Davis & Schwegler. MAINTAINS ARTISTS' BUREAU.

### Personnel

Coveraue

•	
Population—Primary	250,100
Radio Homes— "	45,300
Population—Secondary	225,600
Radio Homes— "	40,200
Source: Mall response analysis.	

## Representative

Allied Representation Co.

HIBBING—EST, 1935

COLUMBIA BROADCASTING SYSTEM NORTH CENTRAL BROADCASTING SYSTEM ARROWHEAD BROADCASTING SYSTEM

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Head of the Lakes Broadcasting OPERATED BY: Same. BUSINESS AD-DRESS: Androy Hotel. PHONE: 1150. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M. to 11:00 NEWSPAPER AFFILIATION: Superior (Wis.) Telegram,

### Personnel

?reside	nt												M	oi	gan	M	urphy	,
Station	M	a۱	10	19	je	r				•			•	٠.	. <b>H.</b>	s.	Hyet	t

NATIONAL BROADCASTING CO. MINNESOTA RADIO NETWORK

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: F. B. Clements & Co. OPERATED BY: F. B. Clements & Co. BUSINESS ADDRESS: 101 North Second St. PHONE: 4673. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: N. Mankato, top of Belgrade Hill. TIME ON THE AIR: Full time license. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus. MAINTAINS ARTISTS' BU-

### Personnel

Manager	.Ray E	. Schwartz
Continuity Director	B	ess Lyman
Sales Promotion Manager		
Program-Publicity Director		
Musical Director		
Chief Engineer	H. C	). Kimber <b>ly</b>

Coverage	3
----------	---

	Daytime	Evening
Population—Primary	311,165	311,165
Radio Homes— "	63,940	63,940
Source: Joint Committee.		

Representative Howard H. Wilson Co.

MINNEAPOLIS-ST. PAUL—EST. 1924

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 830 Kc. POWER: 50,000 watts. OWNED BY: Columbia Broadcasting System. OPERATED BY: Columbia Broadcasting System. BUSINESS ADDRESS: 625 Second Ave., South. PHONE: Main 1202 (Minneapolis). Cedar 7666 (St. Paul). STUDIO ADDRESS: 625 Second Ave., South; Hotel Lowry, St. Paul. TRANSMITTER LOCATION: Anoka, Minn. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M. MAINTAINS ARTISTS' BUREAU. NEWS SER-VICE: United Press.

### Personnel

General Mgr	E. H. Gammons
Production Manager	. Hayle C. Cavanor
Sales Manager	Carl J. Burkland
Artists Bureau Head	Al Sheehan
Sales Promotion DirectorF	lobert L. Hutton, Jr.
Chief Engineer	lugh S. McCartney

Coverage

	Daytime	Evening
Population—Primary	3,385,200	3.270.000
Radio Homes— "	704,240	684,760
Population—Secondary	3,016,100	2,299,300
Radio Homes— "	638,750	572,540

Source: CBS Listener Study. Representative

Radio Sales

MINNEAPOLIS-ST. PAUL—EST. 1923

NORTHLAND NETWORK

FREQUENCY: 1130 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: Geo. W. Young OPERATED BY: Geo. W. Young. BUSINESS ADDRESS: Hotel Nicollet. PHONE: Bridgeport 7777-7778, Midway 6363. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Superior Blvd. TIME ON THE AIR: 6:00 A.M. to sunset, Mountain Standard Time (1291/2 hours weekly). NEWS SERVICES: Transradio Press. TRANSCRIPTION SERVICES: Standard Radio, Lang-Worth.

### Personnel

Owner	and	General	Mgr	Geo.	w.	Young
Comme	rcial	and Proc	ram M	anager,		

							1	n	(dillo	ce	E,	Dione	•
Office	Manager								. Ge	rtru	ıde	Fau	Ð
Accou	ntornt								A.	A	. С	Conrac	£

Musico	zl Director.		<i></i> (	Carl	Johnson
Chief	Engineer	<u>.</u>	George	K.	Jacobson

### Coverage

Population—Primary	1,651,093
Radio Homes— "	346,950
Population—Secondary	310,030
Radio Homes— "	68,680
Saurea 1940 II C Carrier Dane	

Source: 1940 U.S. Census; Department of Commerce.

### Representative

William G. Rambeau Co.

### MINNEAPOLIS-EST. 1924

FREQUENCY: 770 Kc. POWER: 5000 waits. OWNED BY: University of Minnesota. OPER-ATED BY: University of Minnesota. BUSINESS ADDRESS: Eddy Hall, University of Minnesota. PHONE: Main 8177, Extensions 419, 822 and 821. STUDIO ADDRESS: Same. TRANSMIT-TER LOCATION: North Cleveland Ave. and County Rd. A-2, St. Paul. TIME ON THE AIR: Shares daytime hours with WCAL. NEWS SERVICE: United Press.

### Personnel

ManagerBurton Paulu
Program Director
Production ManagerReid Erekson
Chief Announcer
Musical DirectorLeland B. Sateren
Chief EngineerFrancis J. Blitz
(Non-Commercial Station)

MINNEAPOLIS-ST. PAUL—EST. 1940 MUTUAL BROADCASTING SYSTEM NORTH CENTRAL BROADCASTING SYSTEM FREQUENCY: 1330 Kc. POWER: 1000 watts.

OWNED BY: Independent Merchants Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 1730 Hennepin Ave. STUDIO AD-DRESS: 1730 Hennepin Ave., Minneapolis: Commodore Hotel, St. Paul. PHONES: At. 0406 and Mi 4043, TIME ON THE AIR: 18 hours daily. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated.

### Personnel

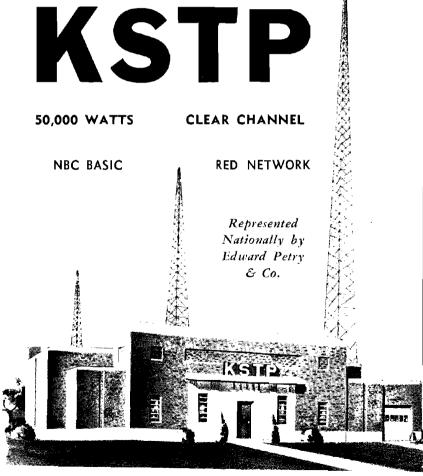
President	John P. Devaney
General Manager	
Sales Manager	Sian H. Haigh
Sales Promotion Manager	
Continuity Director	
Program Director	. Jerry Harrington
Chief Announcer	Iames Payton
Musical Director	
Chief Engineer	Ogden Prestholdt

Representative

Foreman Co.

## There must be a Reason

Nearly 400 of the nation's leading network, national spot and local advertisers—represented by more than 100 of the country's outstanding advertising agencies—chose to tell their sales messages in the Twin Cities' market in 1940 via KSTP.



## WTCN

MINNEAPOLIS-ST. PAUL—EST. 1928
NATIONAL BROADCASTING CO. (BLUE)

FREQUENCY: 1280 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: Minnesota Broadcasting Co. OPERATED BY: Minneapolis Tribune-Times Tribune & St. Paul Dispatch-Pioneer Press. BUSINESS ADDRESS: Wesley Temple Building. PHONE: Main 6562. TRANSMITTER LOCATION: Snelling Ave. and County Rd. B. TIME ON THE AIR: 124 hours weekly. NEWSPAPER AFFILIATION: Minneapolis Tribune-Times Tribune & St. Paul Dispatch-Pioneer Press. NEWS SERVICES: International News Service. Associated Press (noncommercial). TRANSCRIPTION SERVICE: Associated Music Library, Lang-Worth.

### Personnel

President	<b>. W.</b>	F. Johns
Station Manager	C. T.	Hagman
Commercial Manager	L. L.	Whiting
Program Director	Robert I	DeHaven
Technical DirectorJe	ohn M.	Sherm <b>a</b> n

### Coverage

Tuenine

	Dayime	Lvening
Population—Primary	1,326,171	1,047,309
Radio Homes— "	259,084	224,400
Population—Secondary	2,869,345	
Radio Homes— "	332.863	
Source: Station survey.		

Representative

## KVOX

MOORHEAD-EST. 1937

MUTUAL BROADCASTING SYSTEM
NORTH CENTRAL BROADCASTING SYSTEM
FREQUENCY: 1340 Kc. POWER: 250 watts.
OWNED BY: KVOX Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Comstock Hotel. PHONE: 3-1523. STUDIO ADDRESS: Same. TRANSMITTER LOCATION:
14th St. and 12th Ave. TIME ON THE AIR:
6:30 A.M. to 12:00 Midnight (121½ hours
weekly). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

## WCAL

NORTHFIELD—EST, 1922

FREQUENCY: 770 Kc. POWER: 5000 watts.
OWNED BY: St. Olaf College. OPERATED
BY: Same. BUSINESS ADDRESS: St. Olaf
College. Northfield. PHONE: 770. STUDIO

ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Shares time with WLB.

### Personnel

Director
Station Manager
Production ManagerAlvar Sandquist
Musical DirectorO. R. Overby
Chief Engineer
(Non-Commercial Station)

## KROC

ROCHESTER—EST. 1935 NATIONAL BROADCASTING CO. MINNESOTA RADIO NETWORK

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: Southern Minn. Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 100 First Ave. Bldg. PHONE: 3924-5 STUDIO ADDRESS: 100 First Ave. Bldg. TRANSMITTER LOCATION: Crusade Township. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System. Associated Music Library.

### Personnel

President and General	
Manager	Gregory Gentling
Secretary	Maxine Jacobs
Program Director	La Vell Waltman
Production Manager-Chief	Announcer

	Geral Wing
Publicity Director	Cal Smith
Musical Director	. William Neville
Chief Engineer	Fred C. Clark

Coverage

	Daytime	Evening
Population—Primary	306,984	306,934
Radio Homes— "	72,105	72,105
Population—Secondary	1,025,108	922,000
Radio Homes— "	149,301	
Source: U. S. Census; station survey.		•

Representative
Joseph Hershey McGillyra

## KFAM

ST. CLOUD—EST. 1938

NATIONAL BROADCASTING CO. MINNESOTA RADIO NETWORK

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: The Times Publishing Co. OPERATED BY: The Times Publishing Co. BUSINESS: ADDRESS: 16-18 Sixth Ave., North. STUDIO ADDRESS: Weber Bldg. TRANSMITTER LOCATION: Highway No. 152. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight, NEWSPAPER AFFILIATIONS: St. Cloud Times Journal. NEWS SERVICE: Associated Press. United Press. MAINTAINS ARTISTS' BUREAU.

### Personnel

General Manager	.Fred	Schilplin
Coverage		
Population—Primary		197,396
Radio Homes— "		37,180
Population—Secondary		1,238,312
Radio Homes— "		289.290
Source: Field intensity measurements.		

## KSTP

### ST. PAUL-MINNEAPOLIS—EST. 1928

NBC (RED)

MINNESOTA RADIO NETWORK
FREQUENCY: 1500 Kc. POWER: 50,000 watts.
OWNED BY: KSTP, Inc. OPERATED BY: KSTP,
Inc. BUSINESS ADDRESS: St. Paul Hotel.
PHONE: Cedar 5511-St. Paul; Bridgeport 3222Minneapolis, STUDIO ADDRESS: St. Paul Hotel, Raddisson Hotel. TRANSMITTER LOCATION: Highway 61. TIME ON THE AIR: 6:00
A.M. to 1:00 A.M. (daily), 7:00 A.M. to 1:00 A.M.
(Sunday). (132 hours weekly.) NEWS SERVICE.
United Press, Radio News Assoc. MAINTAINS
ARTISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System, NBC The-

### Personnel

saurus.

President-General Manager Stanley E. Hubbard
Vice President-Assistant Manager K. M. Hance
Sales Manager
Educational Director
Program DirectorCorinne Jordon
Sales Promotion ManagerSam Levitan
Publicity Director Joseph O. Meyers
Chief Announcer Brooks Henderson
Artists' Bureau HeadDavid Stone
Musical DirectorLeonard Leigh
Technical Supervisor
Coverage

 Population—Primary
 1,619,118

 Radio Homes—"
 338,413

 Population—Secondary
 2,489,102

 Radio Homes—"
 457,800

Source: U. S. Department of Commerce; station survey; U. S. Census; Joint Committee; Editor and Publisher.

### Representative

Edward Petry & Co., Inc. (See Page 460)

## WMIN

### ST. PAUL & MINNEAPOLIS EST. 1936

FREQUENCY: 1400 Kc. POWER: 250 waits. OWNED BY: WMIN Broadcasting Co. OPERATED BY: WMIN Broadcasting Co. BUSINESS ADDRESS: 1287 St. Anthony St., St. Paul. PHONE: Nestor 6501, St. Paul; Atlantic 6293, Minneapolis. STUDIO ADDRESS: 1287 St. Anthony St., St. Paul; 200 Hodgson Bldg., Minne

apolis. TRANSMITTER LOCATION: 1287 St. Anthony St., St. Paul. TIME ON THE AIR: 6:00 A.M. to midnight. NEWS SERVICE: International News Service. Associated Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICES: Lang-Worth, Standard Radio, Associated Music Publishers.

### Personnel

President and General	
Manager	Edward Holfman
Program-Publicity Director	Marlyn Powell
Production Manager-Chief Ar	nouncer,

	Frank Dev	7aney
Musical Director	Lillian	Jones
Chief Engineer	Warren	Fritze
<b>~</b>		

### Coverage

	υαγιιme
Population—Primary	825,000
Population—Secondary	1,025,000
Source: Chamber of Commerce.	

## WHLB

### VIRGINIA—EST. 1936

COLUMBIA BROADCASTING SYSTEM ARROWHEAD NETWORK

NORTH CENTRAL BROADCASTING SYSTEM FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Head of the Lakes B/C Co. OPERATED BY: Head of the Lakes B/C Co. BUSINESS ADDRESS: Duluth, Minn. STUDIO ADDRESS: Sixth Ave., South. PHONE: 2000. TRANSMITTER LOCATION: Sixth Ave., South. TIME ON THE AIR: 16½ hours daily. NEWS-PAPER AFFILIATION: Superior Telegram. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU.

### 

Station ManagerBarney Irwin
Program Director-Chiel Announcer,
Wayne C. Byers
Publicity-Educational DirectorNorman Page
Sales Promotion Manager
Artists' Bureau HeadBillie Denison

Coverage

Population—Primary	82,043
Radio Homes— "	15,000
Population—Secondary	91,065
Radio Homes— "	15,956

Source: Station survey.

## KWLM

### WILMAR-EST, 1940

FREQUENCY: 1340 Kc. POWER: 250 waits. OWNED BY: Lakeland Broadcasting Co. OPERATED BY: Lakeland Broadcasting Co. BUSINESS ADDRESS: Willmar. STUDIO ADDRESS: Willmar War Memorial Auditorium. PHONE: 1310. TRANSMITTER LOCATION: Foot Lake. TIME ON THE AIR: 6:00 A.M., to 10:00 P.M.

NEWS SERVICE: United Press. TRANSCRIP-TION SERVICE: World Broadcasting System. Transco

### Personnel

President	
Station Manager	Edgar Parsons
Chief Announcer	Jack Lynch
Chief Engineer	Verne Baumgariner

Representative Associated Radio Markets

WINONA—EST. 1938

MUTUAL BROADCASTING SYSTEM NORTH CENTRAL BROADCASTING SYSTEM FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Winona Radio Service. OPER-ATED BY: Winona Radio Service, BUSINESS ADDRESS: 216 Center St. PHONE: 3314 STUDIO ADDRESS: Same, TRANSMITTER LO CATION: 831 Sarnia St. TIME ON THE AIR: 6:30 A.M. to 11:00 P.M. NEWS SERVICE: United Press: NEWSPAPER AFFILIATION: Winong Republican-Herald, TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

President	M. H. White
Treasurer	H. R. Wieking
General Manager	L. L. McCurnin
Sales Manager	Bob Owen
Chief Announcer	Ryan Halloran
Musical Director	. Margaret Johnson
Chief Engineer	Maurice Reutter
Coverage	

coce. age	
Population—Primary	167,700
Radio Homes— "	35,260
Population—Secondary	476,500
Radio Homes—"	93,670
Source: U. S. Census: mail response at	nalvsis.

# -MISSISSIPPI-

Population 2,183,796

Number of Families 537,359

Number of Radio Homes 228,090 Auto Registrations 249,705

For 1940 Census data, please turn to page 262

COLUMBUS—EST. 1940

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Birney Imes, Sr. OPERATED BY: Birney Imes, Sr. BUSINESS ADDRESS: Commercial Dispatch Bldg. STUDIO ADDRESS: Gilmer Hotel. PHONE: 980, 1313. TRANS-MITTER LOCATION: Tombigbee Bridge. TIME ON THE AIR: 108 hours weekly. NEWS-PAPER AFFILIATION: Commercial Dispatch. NEWS SERVICE: Associated Press. TRAN-SCRIPTION SERVICE: Standard Radio.

### Personnel

President	Birney Imes, Sr.
General Manager	Bob McRaney
Station Manager	
Commercial Manager	Walter G. Allen
Program Director	W. E. Williams
Publicity Director	Drew Shankle
Musical Director Annie	Pearl Ferguson
Chief EngineerRd	bert Montgomery

Coverage

Population-Primary ... 535,000 65.000 Radio Homes— "

GREENVILLE—EST. 1939

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: John R. Pepper. OPERATED BY:

John R. Pepper. BUSINESS ADDRESS: 107 S. Poplar, PHONE: 1770. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: North on Highway No. 1. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated Music Publishers.

### Personnel

Owner	.John R. Pepper
Manager	Paul Thompson
Program Director	Bert Ferguson
Production Manager	Barleu Ashley
Chief Engineers Millard Pe	erry, Ray Dickson

### Coverage

	Daylime	Evening
Population—Primary	345,812	172,906
Radio Homes— "	37,753	18,877
Population—Secondary	165,000	82,500
Radio Homes— "	13,410	6,705
Source: Field intensity m	neasurement	ts.

Representative Frank Baldwin

## WGR

GREENWOOD—EST. 1937

NBC-Blue-MISSISSIPPI NETWORK FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: P. K. Ewing. OPERATED BY: P. K. Ewing. BUSINESS ADDRESS: 222 Howord St. PHONE: 1717. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Leflore County. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. NEWS SERVICE: International News SERVICE: International News SERVICE: International News SERVICE: Associated.

### Personnel

President	Ρ.	ĸ.	Ew	ing,	Sr.
General Manager	Ρ,	ĸ.	Εw	ring,	Jr.
Program Director		.R	098	Nel	son
Production Manager		Rα	y N	1cGu	iire
Chief Engineer	G	eor	ge	Wil	son

### Coverage

Population—Primary	400,000
Radio Homes— "	68,000
Population—Secondary	500,000
Radio Homes— "	75,000
Source: State Census.	

### Representative Sears & Ayer, Inc.

## WGCM

### GULFPORT—EST. 1929

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: WGCM, Inc. OPERATED BY: WGCM, Inc. OPERATED BY: WGCM, Inc. BUSINESS ADDRESS: Hotel Markham. PHONE: Gulfport 1111. STUDIO ADDRESS: Markham Hotel. TRANSMITTER LOCATION: 22nd St. and 15th Ave. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated. MAINTAINS ARTISTS' BUREAU.

### Personnel

PresidentP. K. Ew	ing
General ManagerF. C. Ew	ing
Program DirectorJack F	leid
Production Manager	Hill
Artists' Bureau Head V. M. G.	lass
Chief Announcer	wn
Chief EngineerKenneth E	rvin

### Coverage

Population—Primary	64,326
Radio Homes— "	14,212
Population—Secondary	169,306
Radio Homes—"	31,110

Source: Station survey.

## Representative Burn-Smith Co.

## WFOR

### HATTIESBURG-EST. 1924

FREQUENCY: 1400 Kc. POWER: 250 watts.
OWNED BY: Forrest Broadcasting Company.
OPERATED BY: Same. BUSINESS ADDRESS:
302 Hemphill St. PHONE: 1866-67. STUDIO
ADDRESS: Same. TRANSMITTER LOCATION:
Columbia Road. TIME ON THE AIR: 7:00 A.M.
to 9:30 P.M. NEWS SERVICE: Transradio Press,

### Personnel

### Representative

Sears & Ayer, Inc.

## WJDX

### JACKSON—EST. 1929

NATIONAL BROADCASTING COMPANY FREQUENCY: 1300 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: Lamar Life Insurance Co. OPERATED BY: Lamar Life Insurance Co. BUSINESS ADDRESS: Lamar Life Bldg. STUDIO ADDRESS: Lamar Life Bldg. & Heidelberg Hotel. TRANSMITTER LOCATION: Highway No. 51. TIME ON THE AIR: 6:30 A.M. to 11:00 P.M. (daily): 8:00 A.M. to 11:00 P.M. (Sunday). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

Station Manager	P.	Harris
Commercial and Advertising		
ManagerAller	L	cv, Jr.

Program-Musical Director Maurice Thompson
Publicity Director Ralph Maddox
Chief Engineer P. G. Root

### Coverage

	Duytime	rvennid
Population—Primary	1,401,660	647,418
Radio Homes- "	160,175	75,715
Population—Secondary	1.244,218	765.242
Radio Homes— "	115,425	35,250
Source: Station survey.		

### Representative

George P Hollingbery Co.

## W 5 L I

### JACKSON—EST. 1938

FREQUENCY: 1450 Kc. POWER: 250 watts, OWNED BY: Standard Life Insurance Co. OPERATED BY: Standard Life Broadcasting Co. BUSINESS ADDRESS: Robert E. Lee Hotel. PHONE: 3-2788. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: High at Larson St. TIME ON THE AIR: 6:45 A.M. to 11:00 P.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

President
Manager L. M. Sepaugh
Commercial Manager F. E. Wilkerson, Jr.
Sales and Merchandising Manager,

Maurice B. Wray

### Coverage

	Daylime	Evening
Population—Primary	172,755	137,000
Radio Homes— "	28,500	26,000
Population—Secondary	65,000	30,000
Radio Homes— "	11,500	5,400
Source: Station survey.		

### Representative

Sears & Ayer, Inc.

## WAML

LAUREL-EST, 1935

NATIONAL BROADCASTING CO. MISSISSIPPI NETWORK

FREQUENCY: 1340 Kc. POWER: 250 waits. OWNED BY: New Laurel Radio Station, Inc. OPERATED BY: Same. BUSINESS ADDRESS: Central Ave. PHONE: 288. STUDIO AD-DRESS: 3121/2 Central Ave. TRANSMITTER LOCATION: Washington Road. TIME ON THE AIR: 6:00 A.M. to 7:00 P.M. NEWS SERV-ICE: United Press. TRANSCRIPTION SERV. ICE: World Broadcasting System.

### Personnel

Radio Homes--- "

PresidentD. A. Station & Commercial	Matison
Manager	M Smith
Program DirectorB	ill Tracy
Chief Engineer	uchstone
Coverage	
Population—Primary	90,100
Radio Homes— "	12,400
Population—Secondary	112,000

## WSKB

Source: Field intensity survey.

. . . . . . . . . . . . .

McCOMB-EST, 1939

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: McComb Broadcasting Corp. OP-ERATED BY: McComb Broadcasting Corp. BUSINESS ADDRESS: McColgan Hotel. STU-DIO ADDRESS: McColgan Hotel, McComb; Whitworth College, Brookhaven; and Southwest Junior College Summit, TRANSMITTER LO-CATION: Pike County, Miss. TIME ON THE AIR: 6:00 A.M. to 9:00 P.M., daily except Saturday: 6:00 A.M. to 12:00 Midnight Saturdays; 6:00 A.M. to 10:00 P.M. Sundays. NEWS SERVICE: United Press. TRANSCRIPTION SER-VICE: World Broadcasting System, MAIN-TAINS ARTISTS' BUREAU.

### Personnel

President	
General Manager.	George Blumenstock
Program Director	Julia D. Blumenstock
<b>Production-Publicity</b>	DirectorJoe Butler
Commercial Manag	er Howard Shannon
Artists' Bureau Head	d-Chief Announcer,
	Woody Ossof

Musical Director..........George Medaille Chief Engineer ......... Robert Louis Sanders

### Coveraae

	Daytime	Evening
Population—Primary	500,000	300,000
Radio Homes— "	60,000	40,000
Population—Secondary	300,000	100,000
Radio Homes—"	30,000	15,000
Source: Station estimate		

### Representative

Cox & Tanz

## wcoc

MERIDIAN-EST, 1926

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 910 Kc. POWER: 1000 watts. OWNED BY: Mississippi Broadcasting Co., Inc. OPERATED BY: Mississippi Broadcasting Co., Inc. BUSINESS ADDRESS: Strand Bldg. PHONE: 1042. STUDIO ADDRESS: Strand Bldg. TRANSMITTER LOCATION: Highway 45. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWS SERVICE: United Press, MAINTAINS ARTISTS' BUREAU.

### Personnel

## WQBC

### VICKSBURG

FREQUENCY: 1390 Kc. POWER: 1000 watts. OWNED BY: Delta Broadcasting Co., Inc. OP-ERATED BY: Delta Broadcasting Co., Inc. BUSINESS ADDRESS: Hotel Vicksburg. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: East of Vicksburg. TIME ON THE AIR: Day-time. NEWSPAPER AFFILIATION: The Vicksburg Evening Post. TRANSCRIPTION SERV-ICE: World Broadcasting System,

### Personnel

President	L.	P.	Cashman
Station Director		.O.	W. Jones
Chief Engineer		. C.	E. Drake

9,600

# -MISSOURI:

Population 3-784,664 Number of Families 1,065,653 Number of Radio Homes 818,620 Auto Registrations 922,000

For 1940 Census data, please turn to page 263

## KFVS

### CAPE GIRARDEAU-EST. 1925

FREQUENCY: 850 Kc. POWER: 5000 watts. OWNED BY: Oscar C. Hirsch. OPERATED BY: Same. BUSINESS ADDRESS: KFVS Radio Home, 324 Broadway. PHONE: 2104-5. STU-DIO ADDRESS: KFVS Radio Home, 324 Broadway. TRANSMITTER LOCATION: 31/2 miles N.W. of Girardeau. TIME ON THE AIR: 6:30 A.M. to 10:00 P.M.; Sundays, 8:00 A.M. to 9:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio. Lang-Worth,

Personnel

President-General Manager...Oscar C. Hirsch Musical Director......Virginia Bann

## KFUO

### CLAYTON-EST, 1924

FREQUENCY: 850 Kc. POWER: 1000 watts. OWNED BY: Evangelical Lutheran Synod of Missouri, Ohio and Other States. OPERATED BY: Board of Control of Concordia Seminary. BUSINESS ADDRESS: 801 DeMun Ave., St. Louis, Mo. PHONE: Cabany 2499. STUDIO ADDRESS: 801 DeMun. TRANSMITTER LOCA-TION: Same. TIME ON THE AIR: Unlimited license. NEWS SERVICE: United Press.

### Personnel

Station Manager..... Herman H. Hohenstein Production Manager-Chief Announcer. Elmer Knoernschild 

## KFRU

### COLUMBIA—EST. 1925 NATIONAL BROADCASTING CO.

FREQUENCY: 1400 Kc. POWER: 250 walts. OWNED BY: Star-Times Pub. Co. OPERATED BY: Same. BUSINESS ADDRESS: 9th and Elm Sts. PHONE: 4141-2, STUDIO ADDRESS: 9th and Elm Sts. TRANSMITTER LOCATION: Campus of Stephens College. TIME ON THE AIR: 7:15 A.M. to 11:00 P.M. (1101/4 hours weekly). NEWSPAPER AFFILIATION: Star-Times Pub. Co. (St. Louis). NEWS SERVICE: United Press. Associated Press, International News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIP-TION SERVICE: NBC Thesaurus.

### Personnel

President	. Elzey	Roberts
Vice-PresidentJohn	n C. R	oberts, Jr.

Station Manager
Program DirectorGuy Lowe
Commercial Manager J. W. Roth
Production ManagerHarold Douglas
Sales Promotion ManagerFoster H. Brown
Artists Bureau HeadWm. Haley, Jr.
Musical DirectorCarl Stepp
Chief EngineerRobert Haigh
Coverage

Population—Primary	200,907
Radio Homes— "	42,080
Population—Secondary	137,135
Radio Homes— "	25,230
Source: Mail analysis survey: I	1930 U. S.

Census.

### Representative Weed & Co.

## K W O S

### IEFFERSON CITY—EST. 1936 MUTUAL BROADCASTING SYSTEM

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: Tribune Printing Co. OPERATED BY: Tribune Printing Co. BUSINESS ADDRESS: 210 Monroe. PHONES: 5000, 4000, 3030. STU-DIO ADDRESS: 400 East Capitol Ave. TRANS-MITTER LOCATION: St. Mary's Blvd. TIME ON THE AIR: 123 hours weekly. NEWSPAPER AFFILIATION: Capitol News and Post Tribune. SERVICES: Associated Press and United Press. TRANSCRIPTION SERVICES: World Broadcasting System.

### Personnel

President	R.	C.	Goshor	n
Station Manager	<b>.</b> .	.R	. L. Ros	e
Program Director	John	J.	Corriga	n
Chief Engineer	J. C.	Ho	iynes. J	r.
-				

### Coverage

Population—Primary	161,987
Radio Homes— "	30,450
Population—Secondary	302,123
Radio Homes— "	62.730

Source: Joint Committee: U. S. Census.

### Representative

Sears & Ayer, Inc.

JOPLIN—EST. 1933

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Joplin Broadcasting Co. OP-ERATED BY: Same. BUSINESS ADDRESS: Keystone Hotel at 4th & Main Sts. PHONE: 330-1-2. STUDIO ADDRESS: Keystone Hotel at 4th & Main Sts. TRANSMITTER LOCATION:

13th & Roosevelt. TIME ON THE AIR: 6:00 A.M. to 11:30 P.M. NEWSPAPER AFFILIA-TION: Joplin Globe & News-Herald. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System. NAB Library, Davis & Schwegler.

Personnel

President-Station Manager	D. J. Poynor
Chief Announcer	Chas. McIntire
Sales Manager	W. H. Clark
News EditorPo	rul Stubblefield
Production Manager	Stella Lukens
Chief Engineer	.Baxter Burriss

arerane

COUCIU	90	
	Daytime	Evening
Population—Primary	285,000	225,000
Radio Homes— "	88,000	65,000
Population—Secondary	593,000	450,000
Radio Homes— "	118,490	96,000
Source: U. S. Census: Io	int Commit	tee.

### Representative Sears & Ayer

### KANSAS CITY—EST. 1925

FREQUENCY: 1480 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: KCMO Broadcasting Co. OPERATED BY: KCMO Broadcasting Co. BUSINESS ADDRESS: Commerce Trust Bldg. PHONE: Victor 0900. STUDIO ADDRESS: Commerce Trust Bldg. TRANSMITTER LOCA-TION: 10th and Hardesty. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight. NEWS SERVICE: United Press. TRANSCRIPTION SER-VICE: Associated, Lang-Worth.

### Personnel

PresidentT. L. Evan	
General & Sales ManagerJack Stewa	гt
Business Manager	al
Program DirectorJames Co	y
News EditorJames Munro	e
Chief EngineerL. C. Sigmo	n
Coverage	
Population—Primary 2,615,71	2

Radio Homes—" Source: Station survey.

### KANSAS CITY-EST, 1934

MUTUAL BROADCASTING SYSTEM FREQUENCY: 1590 Kc. POWER: 1000 watts. OWNED BY: First National Television, Inc. OPERATED BY: Same. BUSINESS ADDRESS: Irving-Pitt Bldg., 816 Locust St. PHONE: Harrison 5818. STUDIO ADDRESS: Same. TRANS-MITTER LOCATION: 86th and Summit Sts. TIME ON THE AIR: 5:00 A.M. to 12:00 Midnight: Sunday, 8:00 A.M. to 12:00 Midnight. NEWS SERVICE: United Press. TRANSCRIP-TION SERVICE: C. P. MacGregor, Titan.

### Personnel

Vice President and General Station Manager......L. L. Jaquier Commercial Manager.... . . Robert S. Peyton

## KMBC

### KANSAS CITY-EST. 1921

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 980 Kc. POWER: 5000 watts. OWNED BY: Midland Broadcasting Co. OP-ERATED BY: Same. BUSINESS ADDRESS: Pickwick Hatel, 10th & McGee St. PHONE: Harrison 2650. STUDIO ADDRESS: Pickwick Hotel, 11th floor. TRANSMITTER LOCATION: 50th & Belinder Rd., Johnson County, Kans. TIME ON THE AIR: 5:00 A.M. to 12:03 A.M.: Sunday, 7:00 A.M. to 12:03 A.M. NEWS SER-VICE: Transradio press. MAINTAINS AN ART-ISTS' BUREAU. TRANSCRIPTION SERVICES: World Program Library, Lang-Worth, Station maintains own recording laboratory.

### Personnel President ...... Arthur B. Church

Vice-President and Managing Di	rector,
	Karl Koerper
Promotion Manager	rank Barhydi
Artists Bureau HeadJ. V	W. McConnell
Director of Research &	
Merchandising	ark N. Smith
Program Director	Felix Adams
Director of SalesSa	m H. Bennett
Director Natl. Program SalesG	eo. E. Halley
Studio Director	Kenneth Krahl
News Editor	Erle H. Smith
Farm Service Director	Phil Evans
Educational DirectorEd	dwin Browne
Studio Director	enneth <b>Kra</b> hl
Chief Announcer	Bert Lane
Musical Director	P. Hans Flath
Technical Supervisor	Ray Moler

### Representative Free & Peters, Inc.

### KANSAS CITY—EST, 1922

NATIONAL BROADCASTING CO. (RED) FREQUENCY: 610 Kc. POWER: 5000 watts. OWNED BY: The Kansas City Star Co. OP-ERATED BY: Same. BUSINESS ADDRESS: 1729 Grand Ave. PHONE: Harrison 1200. STUDIO ADDRESS: 1729 Grand Ave. TRANS-MITTER LOCATION: Johnson County, Kansas. TIME ON THE AIR: 125 hours weekly. NEWS-PAPER AFFILIATION: The Kansas City Star. NEWS SERVICES: Associated Press. TRAN-SCRIPTION SERVICE: Standard Radio, Lang-Worth.

### Personnel

Station M	anager				 . H.	D	ean	Fitzer
Assistant	Manager.	 			 	٧.	S.	Batton

602,568

Sales .... R. Gardner Reames
Program Manager Harry J. Kauímann
Chief Engineer Joseph A. Flaherty

Coverage

Papulation—Primary ... 5,683,275 5,683,275 Radio Homes— " ... 979,113 979,113 Source: Field intensity measurements.

### Representative Edward Petry & Co.

## WHB

KANSAS CITY—EST. 1922 MUTUAL

KANSAS STATE NETWORK

FREQUENCY: 880 Kc. POWER: 1000 watts. OWNED BY: WHB Broadcasting Co. OPERATED BY: WHB Broadcasting Co. BUSINESS ADDRESS: Scarritt Bldg. PHONE: Harrison Italian Studio Address: Scarritt Bldg. (Station maintains remote studios throughout Kansas City.) TRANSMITTER LOCATION: North Kansas City. TIME ON THE AIR: 6:00 A.M. to local sunset. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Associated, NAB Library.

### Personnel

### Representative

William G. Rambeau Co.

## KWOC

POPLAR BLUFF—EST. 1938

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: A. L. McCarthy, C. A. Tedrick and J. H. Wolpers. OPERATED BY: Same. BUSINESS ADDRESS: 1801 N. Main St. PHONE: 1310. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M.; Sundays, 8:00 A.M. to 5:00 P.M. NEWSPAPER AFFILIATION: Poplar Bluff American Republic. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: World Broadcasting System.

### Personnel

General Manager	P. H. Cunningham
Production Manager	William R. Tedrick
Chief Announcer	
Musical Director	Lola Sechrest
Chief Engineer	Don Lidenton

### Coverage

Daytime	Evening
114,742	76,498
12,210	5,572
336,644	
41,450	
	114,742 12,210 336,644

Source: Field intensity measurements and mail analysis; U. S. Census.

KFEQ

ST. JOSEPH-EST. 1924

FREQUENCY: 680 Kc. POWER: 2500 watts, d.; 500 watts, n. OWNED BY: KFEQ, Inc. OPERATED BY: KFEQ, Inc. BUSINESS ADDRESS: Schneider Bldg. PHONE: 4-0813. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Southeast of St. Joseph. TIME ON THE AIR: 6:00 A.M. to Pacific Coast sunset. NEWSPAPER AFFILIATIONS: St. Joseph News-Press and Gazette. NEWS SERVICE; United Press.

### Personnel

President-Treasurer	Barton	Pitts
Nat'l Advertising ManagerGlen	G. Gris	wold
Program Director	irry Pac	kard
Promotion Manager	Ted Bro	ınson
Chief EngineerJ. V	Vesle <b>y</b>	Koch

Coverage

 Population—Primary
 1,694,680

 Radio Homes—"
 292,270

 Population—Secondary
 3,013,880

 Radio Homes—"
 619,220

Source: Mail response analysis.

### Representative

Headley-Reed Co.

## KMOX

ST. LOUIS—EST. 1925
COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1120 Kc. POWER: 50.000 Watts. OWNED BY: Columbia Broadcasting System. OPERATED BY: Same. BUSINESS ADDRESS: Mart Bldg. PHONE: Central 8240. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Lemay Ferry and Baumgartner Rds. TIME ON THE AIR: 5:30 A.M. to 1:00 A.M., daily: 7:29 A.M. to 1:00 A.M., Sundays. NEWS SERVICE: United Press, Transradio Press, Associated Press.

### Personnel

General Manager	Merle S. Jones
Sales Manager	. Kenneth W. Church
Program Director	Chester Renier
Sales Promotion Director.	J. Soulard Johnson
Public Affairs Dept. & Pr	ess

Relations Director ... Jurien Hoekstra
Director of Public Relations ... Arthur J. Casey
Production Manager ... Rollie Williams
Chief Announcer ... France Laux
Musical Director ... Ben Feld
Chief Engineer ... L. McComas Young

### Coverage

	Daytime	Evening
Population—Primary	2,572,100	2,033,100
Radio Homes— "	581,200	475,650
Population—Secondary	5,899,900	2,586,600
Radio Homes—"	1,232,950	510,680
Source: Market Researc	ch Division	of CBS:
II S Consus		

### Representative

Radio Sales

## KSD

ST. LOUIS-EST, 1922

NBC (RED)

FREQUENCY: 550 Kc. POWER: 5000 waits, d.; 1000 watts, n. OWNED BY: Pulitzer Pub. OPERATED BY: Same. BUSINESS AD-DRESS: 12th & Olive St. PHONE: Main 1111. STUDIO ADDRESS: Post-Dispatch Bldg. TRANS-MITTER LOCATION: Same. TIME ON THE AIR: 8:00 A.M. to midnight. NEWSPAPER AF-FILIATION: St. Louis Post-Dispatch. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICES: NBC Thesaurus, Lang-Worth.

Personnel

General Manager......George M. Burbach Commercial and Sales

Manager..... Edward W. Hamlin Chief Engineer......Robert L. Coe

### Representative

Free & Peters, Inc.

ST. LOUIS—EST. 1927

NBC (BLUE)-MBS-MISSOURI-ILLINOIS BROADCASTING SYSTEM

FREQUENCY: 1380 Kc. POWER: 5000 watts. OWNED BY: Thomas Patrick, Inc. OPERATED BY: Same. BUSINESS ADDRESS: Hotel Chase. PHONE: Rosedale 3210. STUDIO ADDRESS: Chase. TRANSMITTER LOCATION: Baden. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight, daily; 7:00 A.M. to 12:00 Midnight, NEWS SERVICE: United Press. Sundays. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President	R. T. Convey
Sales ManagerV	. E. Carmichael
Studio Supervisor	Ray Dady
National Sales Manager	R. M. Sampson
Chief Announcer	Martin Bowin
Program Director	John Tinnea
Production Manager	Dan Seyforth
Musical Director	Al Sarli
Continuity Chief	. Claire Harrison
Chief Engineer	James Burke

### Coverage

Population—Primary	1,494,444
Radio Homes— "	431,108
Population—Secondary	954,812
Radio Homes— "	173,500

Representative

Source: Field intensity measurements.

Paul H. Raymer Company

ST. LOUIS—EST. 1939

NATIONAL BROADCASTING CO. FREQUENCY: 630 Kc. POWER: 5000 watts. OWNED BY: Star-Times Publishing Co. OP-ERATED BY: Star-Times Publishing Co. BUSI-NESS ADDRESS: Star-Times Bldg., 12th & Delmar. STUDIO ADDRESS: Same. TRANS-MITTER LOCATION: Madison County, Ill. TIME ON THE AIR: 5:30 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATION: St. Louis Stor-Times. NEWS SERVICE: United Press, International News Service. TRANSCRIPTION SER-VICE: Associated, Standard Radio, Lang-Worth,

### Personnel

General Manager	John C. Roberts, Jr.
Sales Manager	Clarence G. Cosby
Pregram Director	Blaine Cornwell
News Editor	Bruce Barrington
Publicity Director	Dave Frederick
Continuity Editor	Charles Barnhart
Musical Director	Stanley W. Daugherty
Chief Engineer	Art Rekart

### Coverage

Davlime Evening Population-Primary .... 3,416,300 1,607,154 Radio Homes--- " . . . . 822,388 410,428 Source: Field intensity measurements: Dept. of Commerce; 1930 U.S. Census.

### Representative

Weed & Co.

ST. LOUIS-EST, 1921

FREQUENCY: 770 Kc. POWER: 1000 watts. OWNED BY: St. Louis University. OPERATED BY: Same. BUSINESS ADDRESS: 221 N. Grand Blvd. PHONE: Franklin 5665. STUDIO AD-DRESS: 3342 Lindell Blvd, TRANSMITTER LO-CATION: Same. TIME ON THE AIR: 5:00 A.M. to local sunset. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Lang-Worth, Standard Radio.

#### Personnel

Faculty Director	.W. A. Burk, S.J.
General Manager	Nicholas Pagliara
Program Manager	Arthur T. Jones
Musical Director	Ralph Stein
Chief Engineer	George Rueppel

### Representative

Joseph Hershey McGillvra

ST. LOUIS-EST. 1922

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Missouri Broadcasting Corp. OP-ERATED BY: Same. BUSINESS ADDRESS: Grand and Linde'l Blvds, PHONE: Jefferson 8403-4-5. STUDIO ADDRESS: Grand and Lindell Blvds. TRANSMITTER LOCATION: 2001 Lindell Blvd. TIME ON THE AIR: 7:00 A.M. to 2:00 A.M., daily except Saturday and Sunday; 7:00 A.M. to 3:30 A.M., Saturdays; 8:30 A.M. to 12:00 Midnight, Sundays. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio, C. P. MacGregor, Lang-Worth.

### Personnel

President and General	
Manager	Lester A. Benson
Vice-President	rren <b>ce W. B</b> enson
Commercial Manager	.David Pasternak
Program Director	Neil Norman
Sales Promotion Manager	William Durney
Publicity Director	Bart Slattery
Musical Director	Allister Wylie
Chief Engineer	Chal H. Stoup

### Coverage

	Daytime	Evening
Population—Primary	1,385,840	1,347,527
Radio Homes— "	362,820	354,950
Source: Mail response a	nalysis.	

### Representative

Reynolds-Fitzgerald, Inc.

# K D R O

SEDALIA—EST, 1939

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Albert S. and Robert A. Drohlich d/b as Drohlich Bros. OPERATED BY: Same. BUSINESS ADDRESS: 2100 West Broadway. STUDIO ADDRESS: 2100 West Broadway. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

#### Personnel

Station Manager	Robert A. Drohlich
Promotion Manager	. Albert S. Drohlich
Commercial Manager	Charles Lamm
Program-Musical Director.	William Davis
Chief Announcer	Marvin Mueller
Chief Engineer	Thomas L. Yount

### Coverage

	Daytime	e Evening
Population—Primary	207,706	207,706
Radio Homes— "	42.300	42,300
Population—Secondary	127,372	127,372
Radio Homes— "	24.950	24,950
Source: Mail response as	n <b>aly</b> sis;	Joint Com-

Representative
Howard H. Wilson Co.

millee.

# KGBX

SPRINGFIELD—EST. 1924 NATIONAL BROADCASTING CO. (RED AND BLUE)

FREQUENCY: 1260 Kc. POWER: 5000 waits. OWNED BY: Springfield Broadcasting Co.

OPERATED BY: Same. BUSINESS ADDRESS: 508 St. Louis. PHONE: 1360-1-2-3. STUDIO ADDRESS: 508 St. Louis. TRANSMITTER LOCATION: Bolivar Road. TIME ON THE AIR: 6:39 A M. to Midnight. NEWSPAPER AFFILIATION: Springfield Newspapers. Inc. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

President	T. W. Duvall
General Manager	Ralph D. Foster
Business Manager	.C. Arthur Johnson
Promotion Manager	Carl S. Ward
Program Director	George Earle
Chief Engineer	Fritz Bauer
National Sales Manager	Lester Kennon
Local Sales Manager	Gordon Wardell
Chief Engineer	Fritz Bauer

### Coverage

Population—Primary	499,673
Radio Homes— "	73,900
Population—Secondary	641,673
Radio Homes— "	87,700

Source: Mail response analysis; Joint Committee; U. S. Census.

### Representative

John E. Pearson (See Page 342)

# KWTO

### SPRINGFIELD—EST. 1933

FREQUENCY: 560 Kc. POWER: 5000 watts (5:00 A.M. to local sunset); 1000 watts (5:00 to 6:00 A.M.). OWNED BY: Ozarks Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 508 St. Louis. PHONE: 1360-1-2-3. STUDIO ADDRESS: 508 St. Louis. TRANSMITTER LOCATION: Bolivar Road. TIME ON THE AIR: 5:00 A.M. to local sunset. NEWSPAPER AFFILIATION: Springfield Newspapers, Inc. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

President and Station
ManagerRalph D. Foster
Chief AnnouncerRuss Davis
National Sales ManagerLester Kennon
Local Sales ManagerGordon Wardell
Promotion ManagerCarl S. Ward
Program DirectorTerry Moss
Chief EngineerFritz Bauer

### Coverage

Population—Primary	1,231,110
Radio Homes— "	284,900
Source: U. S. Census: Joint Commit	tee.

### Representative

John E. Pearson

# MONTANA

Population 559,456 Number of Families 159,398 Number of Radio Homes 128,480 Auto Registrations 190,000

For 1940 Census data, please turn to page 264

BILLINGS—EST. 1928

NBC (RED AND BLUE)

FREQUENCY: 790 Kc. POWER: 5000 watts. OWNED BY: Northwestern Auto Supply Co. OPERATED BY: Northwestern Auto Supply Co. BUSINESS ADDRESS: 5th and North Broadway. PHONE: 2222. STUDIO ADDRESS: 5th and North Broadway. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. (daily); 9:00 A.M. to 11:00 P.M. (Sunday). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio, NBC Thesaurus.

### Personnel

President	ampbell	
Station ManagerEd	Yocum	
Chief EngineerJef	f Kiichli	
Coverage		
Population—Primary		
Padia Wamas "	94 400	

Population—Secondary ..... 181,200 Radio Homes— " 45,000

Source: Mail response analysis.

Representative The Katz Agency

# BOZEMAN—EST. 1939

NATIONAL BROADCASTING CO.

Z-BAR NET FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: KRBM Broadcasters. OPERATED BY: KRBM Broadcasters. BUSINESS ADDRESS: Baxter Hotel. STUDIO ADDRESS: Same.

TRANSMITTER LOCATION: East of Bozeman. TIME ON THE AIR: 8:00 A.M. to 10:30 P.M. NEWS SERVICE: Transradio Press. TRAN-SCRIPTION SERVICE: Davis & Schwegler,

Lang-Worth.

### Personnel

President......R. B. MacNab, Jr. Station Manager......Pat M. Goodover Sales Manager..........Rodney McArdle

Representative

Furgason & Walker, Inc.

BUTTE-EST. 1929

NATIONAL BROADCASTING CO. PACIFIC NORTHWEST COVERAGE GROUP Z-BAR NET

FREQUENCY: 1370 Kc. POWER: 5000 watts. OWNED BY: KGIR, Inc. OPERATED BY: KGIR. BUSINESS ADDRESS: Butte.

22-3-44. STUDIO ADDRESS: Same. MITTER LOCATION: Same. TIME ON THE AIR: Sunday, 9:00 A.M. to midnight; Week Days, 7:00 A.M. to 1:00 A.M. TRANSCRIP-TION SERVICE: Standard Radio, Titan, Lang-Worth, NAB.

### Personnel

Manager Ed. B. Craney
Sales Manager
Musical DirectorB. R. Sprague
Chief EngineerFred Heister
Program DirectorJack Boor

### Representative

Furgason & Walker, Inc.

GREAT FALLS—EST. 1922 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1310 Kc. POWER: 5000 watts. OWNED BY: Buttrey Broadcast, Inc. OPER-ATED BY: Buttrey Broadcast, Inc. BUSINESS ADDRESS: First National Bank Bldg. PHONE: 4377. STUDIO ADDRESS: First National Bank

# KGIR

MONTANA'S ONLY 5000 WATT FULL TIME STATION



Also (As Bonus Stations)

## KPFA-KRBM

Bozeman & Livingston



Connected by permanent lines-

Available on Z Net or

on NBC Red & Blue

BOX 1956

BUTTE, MONTANA

Bldg. TRANSMITTER LOCATION: 412 miles west of Great Falls. TIME ON THE AIR: 6:55 A.M. to 11:15 P.M. (daily), 9:00 A.M. to 11:15 P.M. (Sunday). NEWSPAPER AFFILIATION: Great Falls Tribune. NEWS SERVICES: United Press. TRANSCRIPTION SERVICE: Standard Library. C. P. MacGregor, Davis & Schwegler.

Personnel

President	F. A. Buttrey
General Manager	Joseph P. Wilkins
Sales Promotion Manager	William Wallace
Program Director	John Alexander
News Editor	LeRoy Mattingly
Publicity-Special Events	Director,
	Deanne Flett
000- M	India Wais

Office Manager	Weir		
Sports DirectorBill Tred	way		
Continuity Chief	oeris		
Musical DirectorRoscoe Ke	rnan		
Chief Engineer	yhre		
Corerage			
	7700		

Population—Primary 144,700
Radio Homes— " 31,560
Population—Secondary 121,000
Radio Homes— 23,350
Source: Mail response analysis; CBS Listener
Study; U. S. Census.

### Representatives

Weed & Company Walter Biddick Co. (Los Angeles & Seattle)

### KPFA HELENA—EST. 1937

NATIONAL BROADCASTING CO.—Z BAR NET FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Peoples Forum of the Air. OPERATED BY: Peoples Forum of the Air. BUSINESS ADDRESS: 1306 East 11th. PHONE: 857. STUDIO ADDRESS: 1306 East 11th. TRANSMITTER LOCATION: 1306 East 11th St. TIME ON THE AIR: 8:00 A.M. to midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Langworth, Davis & Schwegler.

### Personnel

President...... Barclay Craighead Station Manager......K. O. MacPherson

### Representative

Furgason & Walker, Inc.

### KGEZ KALISPELL—EST. 1927

FREQUENCY: 1340 Kc. POWER: 250 watts (C.P. 1460 Kc.; 1000 watts). OWNED BY: Donald C. Treloar. OPERATED BY: Same. BUSINESS ALDRESS: 203—1st Ave. E. PHONE: 32-332. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 2<sup>1</sup>4 miles south on Highway No. 93. TIME ON THE AIR: 7:00 A M. to 9:30 P.M. NEWS SERVICE: United Press.

### Personnel

General Manager ...... Donald C. Treloar

# KRJF\*

### MILES CITY-EST. 1941

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: Star Printing Co. OPERATED BY: Same. BUSINESS ADDRESS: Miles City. STU-DIO ADDRESS: Same. TRANSMITTER LOCATION: Same. NEWSPAPER AFFILIATION: Miles City Star.

#### Personnel

President	. Sarah	M.	Scanlon
Vice-President	.C. J.	Zim	ımerman
Secretary-Treasurer		w.	F. Flinn

'Station was licensed to operate under a construction permit at time of going to press and no further information was available.

### KGVO MISSOULA—EST. 1931

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1290 Kc. POWER: 5000 watts, d.: 1000 watts, n. OWNED BY: Mosby's, Inc. OPERATED BY: Mosby's, Inc. BUSINESS ADDRESS: 132 W. Front St. PHONE: 2155. STUDIO ADDRESS: 132 W. Front St. TRANS-MITTER LOCATION: 4 miles west on Highway 10. TIME ON THE AIR: 7:00 A.M. to 11:49 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Lang-Worth, Davis &

Schwegler. Personnel

President and Station Manager Secretary-TreasurerEc	
Commercial Manager	
Comptroller	-
Advertising Manager	Nick Moriana
Artists Bureau Head	Richard Bartlett
News Editor	Frank McIntyre
Chief Announcer	.Paul Aarnette
Program and Publicity	

### Coverage

Population—Primary	135,200
Radio Homes— "	34,430
Population—Secondary	435,400
Radio Homes— "	110.200

Source: Station survey.

# Representative Burn-Smith Co.

# KGCX

### WOLF POINT—EST. 1926

FREQUENCY: 1480 Kc. POWER: 1000 watts. OWNED BY: E. E. Krebsbach. OPERATED BY: E. E. Krebsbach. BUSINESS ADDRESS: Wolf Point. STUDIO ADDRESS: Westland Super Ser-

### MONTANA-NEBRASKA

vice Station. PHONE: 102. TRANSMITTER LOCATION: 2 miles east of Wolf Point, TIME ON THE AIR: 8:00 A.M. to 10:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth, World Broadcasting System, Davis & Schwegler.

Personnel

President E. E. Krebsbach Station and Commercial Manager Milton J. Severson

Chief AnnouncerEuc	gene Bunker
Musical Director	keets Shaw
Chief Engineer	rold Klimpel

### Coverage

Population—Primary	51,375
Radio Homes— "	9,184
Population—Secondary	222,605
Radio Homes— "	26,533
Source Field intensity magggreenen	łe .

# NEBRASKA

Population 1,315,834 Number of Families 360,255 Number of Radio Homes 291,850 Auto Registrations 418,500

For 1940 Census data, please turn to page 265

# KORN

FREMONT-EST, 1939

FREQUENCY: 1400 Kc. POWER: 250 waits. OWNED BY: Nebraska Broadcasting Corp. OPERATED BY: Nebraska Broadcasting Corp. BUSINESS ADDRESS: 6th and Broad Sts. STUDIO ADDRESS: 6th and Broad Sts. TRANSMITTER LOCATION: East 16th St. TIME ON THE AIR: 6:00 A.M. to 10:00 P.M. TRANSCRIPTION SERVICE: Standard Radio. NEWS SERVICE: Associated Press.

### Personnel

President	mnur balawin	
Legal Counsel	ark Standiford	
Acting Station Manager	ohn Palmquist	
Sales Manager	arren Binkley	
Program-Musical Director Fr	ed Christenson	
Chief Announcer	Paul Boyer	
Artists' Bureau Head	Bob Irwin	
Chief EngineerE.	A. Blackburn	
Coverage		
Population-Primary	134,000	

GRAND ISLAND-EST. 1925

FREQUENCY: 750 Kc. POWER: 1000 waits. OWNED BY: KMMJ, Inc. OPERATED BY: KMMJ, Inc. OPERATED BY: KMMJ, Inc. BUSINESS ADDRESS: 513½ North Locust St. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Phillips, Nebr. TIME ON THE AIR: 6:00 A.M. to local sunset. NEWS-PAPER AFFILIATION: Clay County Sun. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

President		Don	Searle
General Ma	nagerTed	l M	atthews
Commercial	ManagerWill	iam	Martin

Program Director-Chief Announcer,

Orie Kerwood Chief Engineer......Raymond E. Snoddy

Coverage

 Population—Primary
 782,738

 Radio Homes—"
 109,510

Representative
Howard H. Wilson Co.

# **KGFW**

KEARNEY, NEBRASKA

87,530 Radio Families in central, southern and western Nebraska, the center of the white spot of the nation, listen regularly to . . .

### KGFW

Their Local Station

Lloyd C. Thomas, Gen. Mgr.

375,000

# KHAS

### HASTINGS-EST. 1939

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Nebraska Broadcasting Co. OP-ERATED BY: Nebraska Broadcasting Co. BUSINESS ADDRESS: Hastings. PHONE: 1745. STUDIO ADDRESS: Hastings. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 921/2 hours weekly. NEWS SERVICE: Associated TRANSCRIPTION SERVICE: Press. Broadcasting System.

#### Personnel

President	h
Station ManagerOrville Renni	е
Sales ManagerEarl McIntin	е
Program Director	n
Chief AnnouncerRussell VanDyk	e
Chief Engineer	Y

### KEARNEY—EST. 1928

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: Central Nebraska Broadcasting OPERATED BY: Central Nebraska Broadcasting Corp. BUSINESS ADDRESS: Federal Annex. PHONE: 23541. STUDIO AD-DRESS: Federal Annex Bldg. TRANSMITTER LOCATION: South Central Ave. TIME ON THE AIR: 6:00 A.M. to 10:00 P.M. NEWS SER-VICE: International News Service. SCRIPTION SERVICE: Standard Radio.

### Personnel

General Manager	Lloyd C. Thomas
Commercial Manager	.E. Anson Thomas
Program Director	Paul Roscoe
Sales Promotion Manager	Kemper Wilkins
Production Manager	Lester Bashara
Publicity Director	.Marjorie Mattson
Chief Engineer	Leland Gustaison

Coverage	
Population—Primary	454,497
Radio Homes— "	87,140
Source: Mail response analysis.	

### Representative

Joseph Hershey McGillvra (See Page 473)

# FΑ

### LINCOLN—EST. 1924 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1110 Kc. POWER: 10,000 Watts. OWNED BY: KFAB Broadcasting Co. OPERATED BY: KFAB Broadcasting Co. BUSI-NESS ADDRESS: Omaha National Bank Bldg., Omaha, Nebr. PHONE: 2-3214, STUDIO AD-DRESS: Hotel Lincoln, TRANSMITTER LOCA-TION: 17th St. and Holdredge. TIME ON THE AIR: 4:45 A.M. to 12:00 Midnight, NEWS- PAPER AFFILIATIONS: State Journal, Lincoln Star. NEWS SERVICES: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System, Standard Radio,

### Personnel

PresidentFrank D. Throc	oр
General ManagerDon Seas	rle
National Sales ManagerFrank Pellegr	rin
Sales Promotion ManagerR. Bruce Walla	сe
Chief Engineer	ck

### Coverage

Population—Primary	1,534,513
Radio Homes— "	311,230
Population—Secondary	1,810,960
Radio Homes— "	368,590

Source: U. S. Census: Joint Committee.

### Representative

Edward Petry & Co., Inc.

# 0 R

### LINCOLN—EST. 1924

MUTUAL BROADCASTING SYSTEM CENTRAL STATES BROADCASTING SYSTEM

FREQUENCY: 1240 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: Cornbelt Broadcasting Corp. OPERATED BY: Combelt Broadcasting Corp. BUSINESS ADDRESS: Omaha National Bank Bldg., Omaha, Nebr. STUDIO ADDRESS: Hotel Lincoln. TRANSMITTER LO-CATION: 4607 South 48th. TIME ON THE AIR: 6:30 A.M. to midnight. NEWSPAPER AFFILIA-TIONS: State Journal, Lincoln Star. NEWS SER-VICES: International News Service. TRAN-SCRIPTION SERVICE: World Broadcasting System, C. P. MacGregor, Standard Radio.

#### Personnel

President	.Frank	D. Throop
General Manager	1	Don Searle
National Sales Manager	Frank	. Pellegrin
Sales Promotion Manager	.R. Bruc	e Wallace
Chief Engineer	<b>M</b> c	ırk Bullock
	General Manager National Sales Manager Sales Promotion Manager	President Frank General Manager National Sales Manager Frank Sales Promotion Manager R. Bruc Chief Engineer Ma

### Coverage

Population—Primary	270,990
Radio Homes— "	58,770
Population—Secondary	155,652
Radio Homes— "	44,530
Source: U. S. Census.	

### Representative

Edward Petry & Co., Inc.

# JAG

### NORFOLK—EST. 1922

FREQUENCY: 780 Kc. POWER: 1000 watts. OWNED BY: Norfolk Daily News. OPERATED BY: Norfolk Daily News. BUSINESS AD-DRESS: 116 N. Fourth St. PHONE: 432, STUDIO ADDRESS: Hotel Norfolk. TRANSMITTER LO-CATION: W. Koenigstein Ave. TIME ON THE AIR: 6:30 A.M. to local sunset: Sunday, 10:00

### NEBRASKA

A.M. to local sunset. NEWSPAPER AFFILIA-TION: Norfolk Daily News. NEWS SERVICE USED: Associated Press. TRANSCRIPTION SERVICE: Langworth.

### Personnel

President	Gene Huse
Station Manager	Art Thomas
Program Director	Russell Jensen
Chief Engineer	Frank Weidenbach

 Coverage

 Population—Primary
 291,595

 Radio Homes—"
 51,890

 Population—Secondary
 1,358,649

 Radio Homes—"
 283,750

Representative Furgason & Walker, Inc.

Source: U. S. Census.

# KGNF

NORTH PLATTE—EST. 1930

FREQUENCY: 1460 Kc. POWER: 1000 waits. OWNED BY: Great Plains Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 1521 W. 12th. PHONE: 132. STUDIO ADDRESS: 1521 W. 12th. TRANSMITTER LOCATION: 1521 W. 12th. TIME ON THE AIR 7:00 A.M. to local sunset. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: C. P. MacGregor, Land-Worth,

### Personnel

President and Station	
Manager	LeBarron
Secretary-Treasurer	LeBarron
Chief EngineerJ. 1	B. Eaves
Coverage	
Population—Primary	468,800
Radio Homes— "	94.680
Source: Station survey and estimate	•

# KÖIL

# OMAHA—EST. 1925 COLUMBIA BROADCASTING SYSTEM

MUTUAL BROADCASTING SYSTEM FREQUENCY: 1290 Kc. POWER: 5000 watts. OWNED BY: Central States Broadcasting Co. OPERATED BY: Central States Broadcasting Co. BUSINESS ADDRESS: Omaha National Bank Bldg. PHONE: Jackson 7626. STUDIO ADDRESS: Omaha Nat. Bank Bldg. TRANSMITTER LOCATION: Council Bluffs, Iowa. TIME ON THE AIR: 6:00 A.M. to Midnight, daily except Saturday and Sunday: 6:00 A.M. to 12:30 P.M., Saturdays; 8:00 A.M. to Midnight, Sundays. NEWSPAPER AFFILIATION: Lincoln Star, Nebraska State Journal. NEWS

# SCRIPTION SERVICE: World Broadcasting System, C. P. MacGregor, Standard Radio. Personnel

SERVICE: International News Service. TRAN-

Dragidant	 Frank	Thecan
rresident	 . Frank	Intoop

General Manager	Don Searle
National Sales Manager	.Frank Pellegrin
Program Director	Cliff Johnson
Production Manager	. Harold Hughes
Sales Promotion ManagerR	. Bruce Wallace
Chief Engineer	Mark Bullock
Coverage	!

Population—Primary	529.237
Radio Homes— "	122,400
Population—Secondary	422,726
Radio Homes— "	90,080

Source: U. S. Census; Joint Committee.

### Representative

Edward Petry & Co.

# KONB\*

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: MSB Broadcasting Co. OPERATED BY: MSB Broadcasting Co. BUSINESS ADDRESS: 2170 Dodge St. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited license.

### Personnel

President	Art	hur	Baldwin
Vice-President	C.	J.	Malmsten
Vice-President	. John	K.	Morrison
"Station was licensed to	-	~4~	

construction permit at time of going to press and no further information was available.

# K O W H

### OMAHA—EST. 1922

NATIONAL BROADCASTING CO.

FREQUENCY: 660 Kc. POWER: 500 Watts.
OWNED BY: World Publishing Co. OPERATED BY: Omaha World Herald. BUSINESS ADDRESS: 8th Floor, World-Herald Bidg.
STUDIO ADDRESS: Same. TRANSMITTER LO.
CATION: Northwest of Omaha. TIME ON THE
AIR: Daytime. NEWS SERVICE: United Press,
Omaha World-Herald. TRANSCRIPTION SERVICE: Standard Radio, Davis & Schwegler.

#### Personnel

Manager......Vernon H. "Bing" Smith Assistant Manager.....Frank E. Shoppen Commercial Manager.....Clem Young

### Representative

George P. Hollingbery Co.

# wow

OMAHA—EST. 1923

NBC (Basic Red)

NEBRASKA WIRELESS NETWORK FREQUENCY: 590 Kc. POWER: 5000 watts. OWNED BY: Woodmen of the World Life Insurance Society. OPERATED BY: Woodmen of the World Life Insurance Society. BUSINESS ADDRESS: Insurance Bldg. PHONE:

Webster 3400. STUDIO ADDRESS: Insurance Bldg. TRANSMITTER LOCATION: 56th and Kansas Ave. TIME ON THE AIR: 5:45 A.M. to 1:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Lang-Worth.

### Personnel

President
Personnel Director
Program Manager & Chief
Announcer
Sales Promotion Manager Howard Peterson
Production Manager Lyle DeMoss
Publicity DirectorBill Wiseman
Director of News & Special
Events
Musical DirectorFred Ebener
Chief Engineer
Coverage*
Population—Primary and
Secondary 3,465,000
Radio Homes—Primary and
Secondary 700,330
* Based on mail return from counties in six
states.

# Representative John Blair & Company

### KGKY

### SCOTTSBLUFF-EST. 1930

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Hilliard Co., Inc. OPERATED BY: Hilliard Co., Inc. OPERATED BY: Hilliard Co., Inc. BUSINESS ADDRESS: 1517½ Broadway. PHONE: 856. STUDIO ADDRESS: 1517½ Broadway. TRANSMITTER LOCATION: South Broadway. TIME ON THE AIR: 6:30 A.M. to 9:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: NBC Thesaurus.

### Personnel

President and Station ManagerL. L. Hilliard
Vice-President-Commercial
Manager
Program DirectorBill Walter
Chief Engineer

### Coverage

	Daytime	Evening
Population—Primary	53,358	53,358
Radio Homes "	10.208	10,208
Population—Secondary	95,867	95,867
Radio Homes— "	18,365	18,365

Source: U. S. Census; Department of Commerce.

# NEVADA

Population 110.014 Number of Families 33,294 Number of Radio Homes 31.620 Auto Registrations 44,300

For 1940 Census data, please turn to page 266

# KENO LAS VEGAS—EST. 1940

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Nevada Broadcasting Co. OPERATED BY: Nevada Broadcasting Co. BUSINESS ADDRESS: "The Meadows." P. O. Box 1696. STUDIO ADDRESS: "The Meadows." PHONE: 14. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 8:00 A.M. to 12:00 Midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

Station ManagerGeorge Penn Foster	President	:h
	Station ManagerGeorge Penn Foste	eī
Commercial ManagerJohn C. Strock	Commercial ManagerJohn C. Stroo	k

# Кон

NBC—CALIFORNIA RADIO SYSTEM RENO—EST. 1930

FREQUENCY: 630 Kc. POWER: 1000 Watts.
OWNED BY: The Bee, Inc. OPERATED BY:

McClatchy Broadcasting Co. BUSINESS AD-DRESS: 143 Stevenson St. PHONE: 5106-7. STUDIO ABDRESS: 440 N. Virginia. TRANS-MITTER LOCATION: Sparks, Nev. TIME ON THE AIR: 7:00 A.M. to midnight; Sunday, 8:00 A.M. to midnight. NEWSPAPER AFFILIATION: McClatchy Newspapers. NEWS SERVICES: United Press. TRANSCRIPTION SERVICE: World Broadcasting System, NAB Library.

### Personnel

Vice-President
Business Manager
Station ManagerWallie D. Warr
Chief Announcer Merrill In
Chief Engineer

### Representative

Paul H. Raymer Company

# NEW HAMPSHIRE

Population 491,524 Number of Families 133,010 Number of Radio Homes 121,630 Auto Registrations 129,973

For 1940 Census data, please turn to page 267

## WKNE

KEENE---EST. 1927

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1290 Kc. POWER: 5000 watts. OWNED BY: Twin State Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Keene. STUDIO ADDRESS: Dunbar St. TRANS-MITTER LOCATION: Stanhope St. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight, NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated.

### Personnel

President	y C. Wilder	
Station and Commercial		
Manager	n Steinbruch	
Program Director Robert	A. Freeman	
Publicity Director K	aye Winters	
Chief Engineer	illis F. Moore	
Coverage		
Population—Primary	348,900	
Radio Homes- "	85,100	
Population—Secondary	265,000	

### Source: Field strength survey. Representative Paul H. Raymer Co.

Radio Homes— " ......

LACONIA—EST. 1922

MUTUAL-COLONIAL AND YANKEE NETWORKS

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: Northern Broadcasting Co. OP-ERATED BY: Northern Broadcasting Co. BUSI-NESS ADDRESS: 653 Main St. PHONE: 501. STUDIO ADDRESS: Same. TRANSMITTER LO-CATION: Sanbornton, N. H. TIME ON THE AIR: 7:00 A.M' to 12:00 Midnight; Sunday, 8:00 A.M. to 12:00 Midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus. Personnel

President......Vernon Mason General Manager......Earle Clement Sales Manager......Alfred Tyler Program-Musical Director...Sherwin Greenlaw 

Coverage Population—Primary ..... Radio Homes— " ...... Population—Secondary
Radio Homes—" Source: Field intensity survey: U. S. Census.

> Representative Joseph Hershey McGillvra

MANCHESTER-EST, 1932

NBC (OPTIONAL BLUE AND RED)-YANKEE AND COLONIAL NETWORK

FREQUENCY: 1370 Kc. POWER: 5000 walls. OWNED BY: N. H. Broadcasting Co. OP-ERATED BY: N. H. Broadcasting Co. BUSI-NESS ADDRESS: Carpenter Hotel. PHONE: 7970-7520. STUDIO ADDRESS: Carpenter Hotel. TRANSMITTER LOCATION: Merrimack. TIME ON THE AIR: (daily) 7:30 A.M. to Midnight: (Sunday) 8:00 A.M. to Midnight. NEWS SER-VICE: United Press. TRANSCRIPTION SER-VICE: NBC Thesaurus.

### Personnel

President Mrs. Henry P. Rines
Manager
Commercial ManagerLeslie F. Smith
Program DirectorDavid Shurtleff
Sales Promotion ManagerFrederick Cole
Production Manager-Publicity Director,
Steve Burke

Chief Engineer......Irving Mower

### Coverage

	Daytime	Evening
Population—Primary	201,800	178,900
Radio Homes— "	47,550	41,500
Source: Mail response of	malysis.	

### Representative

Weed & Company

# $\mathbf{W}$ $\mathbf{M}$ $\mathbf{U}$ $\mathbf{R}^*$

MANCHESTER-EST, 1941

FREQUENCY: 610 Kc. POWER: 5000 watts. d.; 1000 watts, n. OWNED BY: The Radio Voice of New Hampshire, Inc. OPERATED BY: Same. BUSINESS ADDRESS: Manchester. STU-DIO ADDRESS: Same, TRANSMITTER LOCA-TION: Same. TIME ON THE AIR: Unlimited license. NEWSPAPER AFFILIATION: Laconia Citizen

### Personnel

President	Francis	P.	Murphy
Vice-President	Tames	T.	Powers

\*Station was licensed to operate under a construction permit at time of going to press and no further information was available.

## WHEB

PORTSMOUTH—EST. 1932

GRANITE STATE NETWORK (WHEB-WFEA-WLNH-WNBX)

FREQUENCY: 750 Kc. POWER: 1000 watts. OWNED BY: Granite State Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Laiayette Rd. PHONE: 2670-1. STUDIO ADDRESS: Laiayette Rd. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to one hour after local sunset (72½ to 95¼ hours

weekly). NEWS SERVICE: United Press. TRAN-SCRIPTION SERVICE: NBC Thesqurus.

### Personnel

President-General ManagerH. J. Wilson
Commercial Manager
Chief Announcer
Chief EngineerDonald R. Stevens

### Coverage

Population—Primary		. 1	23,5	63
Population—Secondary		. 2,5	02,4	04
Source: Field intensity survey	y:	1930	U.	S.
Census.	-			

# -NEW JERSEY

Population 4,160,165 Number of Families 1,098,284 Number of Radio Homes 1,021,940
Auto Registrations 1,081,066

For 1940 Census data, please turn to page **267** 

# WCAP

ASBURY PARK-EST. 1927

FREQUENCY: 1310 Kc. POWER: 500 waits. OWNED BY: Radio Industries Broadcasting Co. OPERATED BY: Radio Industries Broadcasting Co. BUSINESS ADDRESS: 4 Convention Hall. PHONE: 1911-2955, STUDIO ADDRESS: 8, 10, 12 Convention Hall, TRANSMITTER LOCATION: Whitesville, N. J. TIME ON THE AIR: Shares time with WCAM and WTNI. NEWS SERVICE: local news. MAINTAINS ARTISTS' BUREAU,

### Personnel

President	George S. Ferguson
Station Manager	
Technical Advisor	
Musical Director	
Chief Engineer	

### Coverage

	Daytime	Evening
Population—Primary	491,486	491,486
Radio Homes— "	98,750	98,750
Population—Secondary	4,100,976	4,100,976
Radio Homes— "	1,385,700	1,385,700
Source: Station survey.		

# Representative

# WBAB\*

# ATLANTIC CITY—EST. 1939 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1490 Kc. POWER: 250 watta. OWNED BY: Press Union Publishing Co. OPERATED BY: Press Union Publishing Co. BUSI-NESS ADDRESS: Ohio and Atlantic Aves. PHONE: 5-1111. STUDIO ADDRESS: Convention Hall, Georgia Ave. and Boardwalk. TRANS-

MITTER LOCATION: Absecon Blvd. and Beach Thoroughtare. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATION: Atlantic City Press, Atlantic City Union. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: NBC Thesaurus, World Broadcasting System. MAINTAINS ARTISTS BUREAU.

### Personnel

President	Fevl
Station ManagerNorman	Reed
Chief Announcer	raan
Chief EngineerEarle Goo	dfrey

### Coverage

Population—Primary	185,000
Radio Homes— "	47,250
Source: Station survey.	

Representative
Headley-Reed Co.

# WFPG

### ATLANTIC CITY—EST. 1940

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Neptune Broadcasting Corp. OPERATED BY: Neptune Broadcasting Corp. Steel Pier. PHONE: 52188. STUDIO ADDRESS: Steel Pier. PHONE: 52188. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same' TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. NEW SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated. MAINTAINS ARTISTS' BUREAU.

### Personnel

President-Station ManagerA. Harry Zo	og
Commercial Manager E. E. Kol	hn
Program DirectorRalf Bre	:n1
Artists' Bureau HeadJoseph Ste	rn
Publicity DirectorEthel Ratte	<b>7</b> 7

Chief Announcer	Bob Lewis
Traffic Manager	John Montgomery
Assistant Sales Manager.	Harry Howell
Continuity Director	Joel Chesney
Musical Director	Harold Stephens
Chief Engineer	Blair K. Thron
Coverd	ıge
	Daytime Evening
Population—Primary	175,000 130,000
Radia Homos "	

Population—Secondary . . 200.00 Source: Mail response survey.

# WSNJ

### BRIDGETON-EST. 1937

QUAKER NETWORK

FREQUENCY: 1240 Kc. POWER: 250 waits. OWNED BY: Eastern States Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Bridgeton. PHONE: Bridgeton 1600. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. NEW YORK OFFICE ADDRESS: 1634 RCA Bldg., New York, N. Y. Phone: Circle 5-7270. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Langworth. C. P. MacGregor. MAINTAINS ARTISTS' BUREAU.

#### Personnel

President-Manager	.Howard S. Frazier
Commercial Manager	
Publicity Director	Parul Alger
Chief Engineer	Russel Ely

#### Coverage

	~ <del>,</del>	
	Daytime	Evening
Population—Primary	106,380	106,380
Radio Homes— "	26,595	26,595
Population—Secondary	343,043	
Source: Field intensity	measureme	nts; Joint

Committee.

WCAM

CAMDEN-EST. 1926

FREQUENCY: 1310 Kc. POWER: 500 waits. OWNED BY: City of Camden. OPERATED BY: Same. BUSINESS ADDRESS: City Hall. PHONE: 9000-907-4523. STUDIO ADDRESS: City Hall. TRANSMITTER LOCATION: Civic Center. TIME ON THE AIR: 10:30 to 11:30 A.M., Mondays, Wednesdays and Fridays: 2:00 to 5:00 P.M., Mondays through Fridays: 8:00 P.M. to 12:00 Midnight, Mondays: 9:00 P.M., to 12:00 Midnight, Fridays: 10:15 A.M. to 12:30 P.M. and 3:00 P.M. to 5:00 P.M., sundays. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

Station	Manager.	. <b></b>	Fre	derick	Caperoon
Program	Director	and	Chief		
Anna	mcar			Edw	in Tucker

Music	al Director	ſ.							E		Nelson	Layman
Chief	Engineer.					,					. Marvin	Seimes
		•	7	_		_			_	_		

### Coverage

Population—Primary	2,696,919
Radio Homes— "	544,900
Population—Secondary	391,143
Radio Homes— "	82,400
Causani Cintian augusta	

Source: Station survey.

# WAAT

### JERSEY CITY-EST. 1926

FREQUENCY: 970 Kc. POWER: 1000 watts. OWNED BY: Bremer Broadcasting Corp. OPERATED BY: Bremer Broadcasting Corp. BUSINESS ADDRESS: 50 Journal Square. PHONE: Journal Square 4-3500; For Newark, N. J., Market 3-0383; For New York City, Rector 2-5878. STUDIO ADDRESS: 50 Journal Square. TRANSMITTER LOCATION: Belleville Turnpike, Kearney, N. J. TIME ON THE AIR: 24 hours daily. NEWS SERVICE: United Press, International News Service. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio, MAINTAINS ARTISTS' BUREAU.

### Personnel

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### Coverage

Population—Primary	12,000,000
Radio Homes— "	. 3,800,000
Population—Secondary	. 2,000,000
Radio Homes- "	. 587,000

Source: Station survey.

### Representative

Burn-Smith Co.

(See Page 494)

# W HO M

### JERSEY CITY—EST. 1930

FREQUENCY: 1480 Kc. POWER: 1000 watts. d.; 500 watts, n. OWNED BY: N. J. Broadcasting Corp. OPERATED BY: N. J. Broadcasting Corp. BUSINESS ADDRESS: 29 W. 57th St., New York City. PHONE: PLaza 3-4204. STUDIO ADDRESS: 2870 Hudson Blvd., Jersey City, N. J.; 29 W. 57th St., New York City. PHONES: Jersey City, Journal Square 2-9595; New York, Plaza 3-4204. TRANSMITTER LOCATION: Jersey City, N. J. TIME ON THE AIR. 6:30 A.M., to 12:00 Midnight. NEWS SERVICE: International News Service. TRANSCRIPTION

SERVICE: Lang-Worth, MAINTAINS ARTISTS' BUREAU.

### Personnel

### Coverage

Daytime Evening Population—Primary ....10,000,000 12,000.000 Radio Homes— " ..... 3,700,000 6,000,000 Source: Station survey.

### NEWARK—EST. 1922

FREQUENCY: 1280 Kc. POWER: 2500 Watts. d.; 1000 Watts, n. OWNED BY: May Radio Broadcasting Corp. OPERATED BY: May Radio Broadcasting Corp. BUSINESS ADDRESS: 100 Shipman St. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Newark. ON THE AIR: Part time.

#### Personnel

President-General Manager, James L. Shearer

### PATERSON—EST. 1941

FREQUENCY: 930 Kc. POWER: 1000 watts. OPERATED BY: North Jersey Broadcasting Co. OWNED BY: North Jersey Broadcasting Co. BUSINESS ADDRESS: National Union Bank of America Bldg. STUDIO ADDRESS: Paterson. TRANSMITTER LOCATION: Clifton, N. J. TIME ON THE AIR: Daytime license.

### Personnel

President	. James	В.	Cosman
Vice-President	.Frank	В.	Falknor
Secretary-Treasurer		-	

"Station was licensed to operate under a construction permit at time of going to press and no further information was available.

# BRB

### RED BANK-EST. 1932

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Monmouth Broadcasting Co. OPERATED BY: Monmouth Broadcasting Co. BUSINESS ADDRESS: 63 Broad St. PHONE: STUDIO ADDRESS: 63 Broad St. TRANSMITTER LOCATION: 63 Broad St. TIME ON THE AIR: Divides time with WFAS and WGBB. NEWS SERVICE: Local and country news gathered.

### Personnel

President	.Thomas F. Burley, Jr.
Station Manager	V. N. Scholes
Chief Announcer	Frank Hamilton
Consulting Engineer	Paul S. Woodland
Chief Engineer	R. T. Marshall

### Coverage

	Daytime	Evening
Population—Primary	359,417	359.417
Radio Homes— "	89,300	89,300
Source: U. S. Departmen	t of Com	nerce.

### Representative

Forjoe & Company

# WTNJ

### TRENTON—EST. 1923

FREQUENCY: 1310 Kc. POWER: 500 watts. OWNED BY: WOAX, Inc. OPERATED BY: WOAX, Inc. BUSINESS ADDRESS: 416 Bellevue Ave. PHONE: Trenton 8149. STUDIO AD-DRESS: Same, TRANSMITTER LOCATION: Lincoln Highway. TIME ON THE AIR: 7:00 A.M. to 10:30 A.M. and 5:00 P.M. to 8:00 P.M.; Saturday, 7:00 A.M. to 10:30 A.M. and 4:00 P.M. to 8:00 P.M. TRANSCRIPTION SERVICE: NAB Library, C. P. MacGregor, Standard Radio. Lang Worth.

### Personnel

Vice-President-General Manager....F. J. Wolff

### Representative

Joseph Hershey McGillvra

# WAWZ

### ZAREPHATH—EST, 1931

FREQUENCY: 1380 Kc. POWER: 1000 watts. OWNED BY: Pillar of Fire Church. OPERATED BY: Same, BUSINESS ADDRESS: Zarephath. PHONE: Bound Brook 223. STUDIO ADDRESS: TRANSMITTER LOCATION: White College, TIME ON THE AIR: 6:00 A.M. to 9:00 A.M. and 6:00 P.M. to 7:30 P.M., Monday, Wednesday, Thursday and Friday; 6:30 A.M. to 9:00 A.M. and 6:00 P.M. to 7:30 P.M., Tuesday and Saturday; 6:00 A.M. to 9:00 A.M., 11:00 A.M. to 12:30 P.M., 3:00 P.M. to 4:30 P.M. and 7:00 P.M. to 8:30 P.M., Sunday. TRAN-SCRIPTION SERVICE: Makes own transcriptions.

#### Personnel

PresidentB	ishop	Alma	White
Vice-President-Secretary-			
Co.Manager	A rel	hue K	White

Vice-President-Co-Manager.....Ray B. White Program-Musical Director....Orland Wolfram (Non-Commercial Station)

# NEW MEXICO

Population 531,818 Number of Families 128,389 Number of Radio Homes 78,910 Auto Registrations 120,491

For 1940 Census data, please turn to page 268

# KGGM

### ALBUQUERQUE—EST. 1929

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1260 Kc. POWER: 1000 watts. OWNED BY: New Mexico Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Kimo Theater Bldg. PHONE: 928-939. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Albuquerque. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight: Sunday, 8:00 A.M. to 12:00 Midnight (124 hours weekly). TRANSCRIPTION SERVICE: World Broadcasting System.

### Personnel

President
General ManagerDale Robertson
Program DirectorRobert Van Driel
Publicity DirectorElmer Fondren
Merchandising ManagerC. E. Redman
Chief Announcer-Musical Director,

Joe Salsburg Chief Engineer ......Leonard Dodds

### Coverage

	Daytime	Evening
Population—Primary	270.263	296,114
Radio Homes— "	<b></b>	29,920
Population—Secondary	159,367	113,616
Radio Homes— "		59,910
Source: Mail response a	n <b>alys</b> is.	

### Representative

John Blair & Co.

# KÖB

### ALBUQUERQUE—EST. 1920 NBC (RED AND BLUE SUP.)

FREQUENCY: 1030 Kc. POWER: 50,000 watts. OWNED BY: Albuquerque Broadcasting Co. OPERATED BY: Albuquerque Broadcasting Co. BUSINESS ADDRESS: 424 W. Gold Ave. PHONE: 4411. STUDIO ADDRESS: 424 W. Gold Ave. TRANSMITTER LOCATION: Alameda. TIME ON THE AIR: 7:00 A.M., to 11:00 P.M. (110 hours weekly). NEWS SERVICE: International News Service, United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

President	.T. M. Pepperday
Manager	Frank Quinn
Program Director	. Dorothy McCain
Chief Announcer	.J. C. MacGregor
Women's Editor	Mary Hickox
Musical Director	Bud Nelson
Chief Engineer	.Geo. S. Johnson

### Coverage

•	
Population—Primary	191,261
Radio Homes— "	28,770
Population—Secondary	354,234
Radio Homes "	59.900

Source: Field intensity measurements and mail response analysis; U. S. Census; Joint Committee.

### REPRESENTATIVE

The Kaiz Agency

# KLAH

### CARLSBAD-EST, 1936

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Jack Hawkins and Barney Hubbs. OPERATED BY: Jack Hawkins and Barney Hubbs. BUSINESS ADDRESS: Crawford Hotel. PHONE: 244 STUDIO ADDRESS: Crawford Hotel. TRANSMITTER LOCATION: Carlsbad. TIME ON THE AIR: 6:30 A.M. to 9:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

Station ManagerJack Hawkins	s
Commercial ManagerLucille Nelson	a
Chief AnnouncerLouis Pitchford	d
Chief Engineer	a

#### Coverage

	Daytime	Evening
Population—Primary	80,500	62,300
Radio Homes— "	16,120	12,475
Population—Secondary	31,600	18,900
Radio Homes— "	6,320	3,782

# KICA

CLOVIS-EST. 1931

FREQUENCY: 1400 Kc. POWER: 250 waits. OWNED BY: Western Broadcasters, Inc. OPERATED BY: Western Broadcasters, Inc. BUSINESS ADDRESS: Fourth and Main. PHONE: 3. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Clovis. TIME ON THE AIR: 6:00 A.M. to 9:00 P.M. TRANSCRIPTION SERVICE: Associated.

#### Personnel

President and Station		
ManagerChas.	C.	Alsup

### Representative

Forjoe & Company

## KAWM

GALLUP—EST. 1937

FREQUENCY: 1490 Kc. POWER: 250 wotts, d.: 100 watts, n. OWNED BY: A. W. Mills. OPERATED BY: A. W. Mills. BUSINESS ADDRESS: 1100 E. Aztec. PHONE: 19. STUDIO ADDRESS: 1100 E. Aztec. TRANSMITTER LOCATION: 1100 E. Aztec. TIME ON THE AIR: Unlimited license.

### Personnel

Station Manager ..... A. W. Mills

Representative

Cox & Tanz

# KWEW

HOBBS-EST, 1937

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: W. E. Whitmore. OPERATED BY: W. E. Whitmore. BUSINESS ADDRESS: Hobbs. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

# KGFL

ROSWELL—EST. 1927

FREQUENCY: 1400 Kc. POWER: 250 watts.
OWNED BY: KGFL, Inc. OPERATED BY:
KGFL, Inc. BUSINESS ADDRESS: 502 W. 2nd

St. PHONE: 288. STUDIO ADDRESS: 502 W. 2nd St. TRANSMITTER LOCATION: 511 W. 16th St. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. NEWS SERVICE: Transradio Press, Associated Press. TRANSCRIPTION SERVICES: C. P. MacGregor, Standard Radio, Davis & Schwegler.

### Personnel

Station Manager
Commercial ManagerJohn MacBoyle
Production ManagerCecil Seavey
Chief EngineerJames Simpson

# KVSF

SANTA FE-EST, 1934

FREQUENCY: 1340 Kc. POWER: 250 waits. OWNED BY: New Mexico Broadcasting Co. CPERATED BY: New Mexico Broadcasting Co. BUSINESS ADDRESS: 759 Cerillos Road. PHONE: 2020. STUDIO ADDRESS: 759 Cerillos Road. TRANSMITTER LOCATION: 759 Cerrillos Road. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System.

### Personnel

President A. R. Hebenstriet
Station Manager
Commercial Manager
Program-Musical DirectorPaul McCallister
Chief AnnouncerRowland Barber
Chief Engineer

Representative

John Blair & Co.

# NEW YORK

Population 13,479,142 Number of Families 3,663,373 Number of Radio Homes 3,405,680 Auto Registrations 2,713,428

For 1940 Census data, please turn to page 268

## WABY

ALBANY-EST. 1934

MUTUAL

NEW YORK BROADCASTING SYSTEM FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Adirondack Broadcasting Co., Inc. OPERATED BY: Adirondack Broadcasting Co., Inc. BUSINESS ADDRESS: Radio Center. PHONE: 4-4194. STUDIO ADDRESS: Radio Center. TRANSMITTER LOCATION: Colonie. N. Y. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. NEWSPAPER AFFILIATION: Knickerbocker News. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

General Manager	mith
Assistant Manager Deuel Richard	lson
Sales Manager	man
Program DirectorJohnny	Lee
Musical Director	orey
Chief Engineer	ore <b>y</b>

### Coverage

Population—Primary	542,500
Radio Homes— "	136,300
Population—Secondary	112,400
Radio Homes— "	35,0 <b>00</b>

Source: Mail response analysis.

Representative

J. P. McKinney & Son

### WOKO

### ALBANY-EST, 1924

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1460 Kc. POWER: 1000 watts. d.; 500 watts, n. OWNED BY: WOKO, Inc. OPERATED BY: WOKO, Inc. BUSINESS AD-DRESS: Radio Center. PHONE: 4-4193. STU-DIO ADDRESS: Radio Center. TRANSMITTER LOCATION: Central Ave. TIME ON THE AIR: 6:00 A.M. to 2:00 A.M. (140 hours weekly). NEWSPAPER AFFILIATION: Knickerbocker News. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio, Lang-Worth and NAB Library.

### Personnel

General Manager	E. Smith	
Assistant ManagerDeuel Ric	hardson	
Sales Manager	Goldman	
Musical Director	ırl Miller	
Chief Engineer	A. Sardi	
Coverage		
Population—Primary	621,000	
Radio Homes— "	156,200	
Population—Secondary	368,300	
Radio Homes— "	93,200	
Source: Mail response analysis.		

### Representative

J. P. McKinney & Son

### $\mathbf{W} \mathbf{M} \mathbf{B} \mathbf{O}$

### AUBURN—EST, 1926

NEW YORK BROADCASTING SYSTEM FREQUENCY: 1340 Kc. POWER: 250 waits. OWNED BY: WMBO, Inc. OPERATED BY: WMBO, Inc. BUSINESS ADDRESS: 141 Genesee St. PHONE: 433 Studio—431 Transmitter. STUDIO ADDRESS: Same. TRANSMITTER LO-CATION: York and Division Sts. THE AIR: 8:00 A.M. to 10:00 P.M. NEWSPAPER AFFILIATION: Auburn Citizen - Advertiser.

### TRANSCRIPTION SERVICE: Standard Radio. Personnel

President	Dapping		
Station ManagerFrederick L	. Keesee		
Commercial Manager F. L.	. Keesee		
Publicity Director	h <b>y</b> Bolin		
Chief Engineer	rt House		
Coverage			
Population Primary	677,848		
Radio Homes— "	167.890		

Source: Station survey.

BATAVIA—EST. 1941

FREQUENCY: 1490 Kc. POWER: 250 waits. OWNED BY: Batavia Broadcasting Corp. OP-



THE Albany-Troy-Schenectady MARKET with these PROVED PROFIT MAKERS

1460 Kc. 1000 W.D. 500 W.N.

CBS Basic

1400 Kc.

250 Watt

**FULL TIME** MUTUAL PROGRAMS

HAROLD E. SMILH, Poes and Gov. Mor.

RADIO CENTRE

ALEANY, N. Y.

REPRESENTED BY J. P. MCKINNEY & SOR NEW YORK and CHICAGO

ERATED BY: Batavia Broadcasting Corp. BUSINESS ADDRESS: 90 Main St. PHONE: 716. STUDIO ADDRESS: 90 Main St. TRANS-MITTER LOCATION: Cheek Road. TIME ON THE AIR: 16 hours daily: Sundays, 14 hours. NEWS SERVICE: United Press.

### Personnel

# WNBF

### BINGHAMTON—EST. 1927

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Howiti-Wood Radio Co. OPERATED BY: Cecil D. Mastin, Mgr. BUSINESS ADDRESS: Arlington Hotel. PHONE: Binghamton 2-3461. STUDIO ADDRESS: Same TRANSMITTER LOCATION: Cleveland & Stokes. TIME ON THE AIR: (Daily) 6:30 A.M. to 1:00 A.M.; (Sunday) 9:00 A.M. to 1:00 A.M. (127 hours weekly). NEWS SERVICE: United

Press.

Personnel

President John C. Clark
General Manager Cecil D. Mastin
Sales Manager Harry Trenner
Advertising Manager Virginia Howe
Program Director Elizabeth Mastin
Service Director E. Ray McCloskey
Chief Announcer Durwood Finch
Musical Director Elizabeth Lamb
Chief Engineer Louveer Stantz

Coverage

	Daytime	Evening
Population—Primary	483,200	328.200
Radio Homes—"	111,460	73,470
Population—Secondary	434,600	589,600
Radio Homes—"	94,780	132,770

Source: Mail response analysis.

Representative

## John Blair & Company

### WARD

### BROOKLYN-EST. 1926

FREQUENCY: 1430 Kc. POWER: 500 watts. OWNED BY: United States Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: 427 Fulton St. PHONE: Triangle 5-3300. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 583 Messerole St., Brooklyn. TIME ON THE AIR: Shares time (actual, 2912 hours), MAINTAINS ARTISTS' BUREAU.

### Personnel

President-General Manager, Aaron Kronenberg Commercial Manager-Publicity Director,

Helen Bernard

Program Director ... William Margolis
Musical Director ... Jeanette Fleischman
Chief Engineer ... Abraham Haas

### Representative

Crown Advertising Inc.

# WBBC

### BROOKLYN—EST. 1926

FREQUENCY: 1430 Kc. POWER: 500 watts. OWNED BY: Brooklyn Broadcasting Corp. OPERATED BY: Brooklyn Broadcasting Corp. BUSINESS ADDRESS: WBBC Bldg.. 552-554 Atlantic Ave. PHONE: TRIANSMITTER LOCATION: Avenue X & East 70th. TIME ON THE AIR: Shares time with WARD, WLTH and WVFW.

### Personnel

# WBBR

### BROOKLYN—EST. 1934

FREQUENCY: 1330 Kc. POWER: 1000 watts. OWNED BY: Watchtower Bible & Tract Society, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 124 Columbia Heights. PHONE: MAin 4-9735. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Rossville. Staten Island. TIME ON THE AIR: Shares time.

### Personnel

PresidentJ. F. Rutherford
Manager Andrew K. Wagner
Musical Director
Chief EngineerRalph Leffler
(Non-Commercial Station)

# WCNW

### BROOKLYN—EST. 1926

FREQUENCY: 1600 Kc. POWER: 500 watts. OWNED BY: Arthur Faske. OPERATED BY: Same. BUSINESS ADDRESS: 846 Flatbush Ave. PHONE: INgersoll 2-1500. STUDIO ADDRESS: 846 Flatbush Ave. TRANSMITTER LOCATION: 180 Morgan Ave. TIME ON THE AIR: Shares day and evening with WWRL.

### Personnel

Owner-Chief Engineer Arthur Faske
Commercial Manager Elias I. Godofsky
Program DirectorRoger Wayne
Local Sales Manager Frank R. Clarke
Musical DirectorRoger Wayne
Chief Operator
~

### Coverage

### Representative

Associated Radio Sales

### WVFW

### BROOKLYN

FREQUENCY: 1430 Kc. POWER: 500 watts. OWNED BY: Paramount Broadcasting Corp. OPERATED BY: Paramount Broadcasting Corp. BUSINESS ADDRESS: One Nevins St. PHONE: TRi, 5-0313. STUDIO ADDRESS: One Nevins St. TRANSMITTER LOCATION: 609 E. 57th St., Brooklyn. TIME ON THE AIR: Shares time with WARD, WBBC and WLTH (3134 hours weekly).

### Personnel

President	Harold J. Burke
Managing DirectorS	alvatore D'Angelo
Chief Announcer	Frank Daniels
Program-Musical Director	Lillian Delson
Production Manager	Charles Motta
Chief Engineer	Hermann Florez

# WBEN

BUFFALO—EST. 1930

FREQUENCY: 930 Kc. POWER: 5000 watts.
OWNED BY: WBEN, Inc. OPERATED BY:
WBEN, Inc. and The Buffalo Evening News.
BUSINESS ADDRESS: Hotel Statler. PHONE:
Cleveland 6400. STUDIO ADDRESS: Hotel

Statler. TRANSMITTER LOCATION: Grand Island, N. Y. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M.; Sunday, 9:00 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATION: Buffalo Evening News. NEWS SERVICE: United Press (also services affiliated newspaper). TRANSCRIPTION SERVICE: NBC Thesaurus, Davis & Schwegler, Lang-Worth.

### Personnel

President		Edw	ard	H,	Butler
Vice-Pres	ident	A.	H.	Kird	hhofer
Program	Director-Chief	Annour	icer.	,	
			G	ene	Wyait

Commercial Manager	. Clifford	M.	Taylor
Chief Announcer	Ged	orge	Torge
Publicity Directors		loe	Betzer,
•	Jo	eН	aeiiner
Musical Director	. Robert	Arn	nstrong
Chief Engineer	Ralph	J. K	ingsley

### Coverage

	Daynme	Facilitid
Population-Primary	1,890,780	1,043,630
Radio Homes "	451,640	243,600
Population-Secondary	909,430	1,032,340
Radio Homes— "	219,480	251,370
Source: Statistical Den	artment of	National

Broadcasting Co.

Representative
Edward Petry & Co., Inc.



### N B C RED NETWORK

p I u s

BEST LOCAL PROGRAMS

# WBEN

BUFFALO'S No. 1 STATION IN NEW YORK STATE'S No. 2 MARKET

LET US TELL THEM AND YOU'LL SELL THEM

### WBNY

BUFFALO-EST. 1935

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Roy L. Albertson. OPERATED BY: Roy L. Albertson. BUSINESS ADDRESS: 485 Main St. PHONE: Cleveland 3365. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 154 East Eagle St. TIME ON THE AIR: 7:00 A.M. to 8:30 A.M., 10:00 A.M. to 12:00 Midnight: Saturday, 7:00 A.M. to 2:00 A.M.; Sunday, 9:00 A.M. to 12:00 Midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth, Standard Radio.

### Personnel

Owner and General	
Manager	Roy L. Albertson
Musical Director	Arthur Crosson
Chief Engineer	Thomas L. Vines

### Coverage

Cottage	
Population—Primary	1,015,000
Radio Homes— "	239.300
Source: Field intensity measurement	nts.

### Representative

William G. Rambeau Co.

### News Comes First

αt

# WBNY

Buffalo's only independent station is noted for its quick, accurate coverage of all worldwide and local happenings of importance . . . full Transradio Press service provides many outstanding beats . . . all Western New York follows WBNY's newscasts.

# WBNY

Owned and Operated by ROY L. ALBERTSON

485 Main Street

Buffalo, N. Y.

# WEBR

### BUFFALO-EST. 1924

NBC (Blue)

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: WEBR, Inc. OPERATED BY: WEBR, Inc. OPERATED BY: WEBR, Inc. BUSINESS ADDRESS: Broadcasting House, 23 W. North St. PHONE: Lincoln 7133. STUDIO ADDRESS: 23 W. North St. TRANSMITTER LOCATION: Larkin Terminal Bldg. TIME ON THE AIR: (daily) 7:00 A.M. to 12:00 midnight; (Sunday) 8:30 A.M. to midnight. NEWSPAPER AFFILIATION: Buffalo Evening News. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: NBC Thesqurus, Lang-Worth.

#### Personnel

President	.Edward H. Butler
Vice-President	.A. H. Kirchhofer
Station Director	Robert Thompson
Sales Manager	. William Doerr, Jr.
Sales Promotion Manager.	Albert H. Zink
Program Director	Kay Burkhardi
Chief Announcer	Peter A. Krug
Chief Engineer	Ralph Kingsley

### Coverage

	Dayume	Lvening
Population—Primary	908,266	908,266
Radio Homes— "	213,600	213,600
Source: Field intensity me	easuremen	ts.

### Representative

Weed & Co.

# WGR

### BUFFALO—EST, 1922

MBS-CBS

FREQUENCY: 550 Kc. POWER: 5000 watts. d.: 1000 watts. n. OWNED BY: Bulfalo Broadcasting Corp. OPERATED BP: Bulfalo Broadcasting Corp. BUSINESS ADDRESS: Rand Bldg. PHONE: Washington 3100. STUDIO ADDRESS: Rand Bldg. TRANSMITTER LOCATION: Tonawanda. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System, Inc., Associated Music.

### Personnel

Executive Vice-PresidentI. R. Louisberry
Program Director
Sales ManagerJohn A. Bacon
Publicity Director
Chlef Engineer

### Coverage

Population—Primary	1,282,000
Radio Homes— "	303,100
Population Secondary	1,542,600
Radio Homes— "	367,500

Source: Mail response analysis.

Representative Free & Peters, Inc.

### WKBW

### BUFFALO-EST. 1925

CBS-MBS

FREQUENCY: 1520 Kc. POWER: 50,000 waits. OWNED BY: Buffalo Broadcasting Corp. OPERATED BY: Buffalo Broadcasting Corp. BUSINESS ADDRESS: Rand Bldg. PHONE: Washington 3100. STUDIO ADDRESS: Rand Bldg. TRANSMITTER LOCATION: Tonawanda. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System. Associated Music.

### Personnel

Executive Vice-President I. R. Lounsberry
Program Director
Sales ManagerJohn A. Bacon
Publicity Director A. F. Busch
Chief Engineer

### Coverage

 Population—Primary
 1,110,600

 Radio Homes—"
 258,900

Source: Field intensity survey.

# Representative Free & Peters, Inc. WSVS

BUFFALO—EST. 1925

FREQUENCY: 1400 Kc. POWER: 250 watts.
OWNED BY: Board of Education. OPERATED
BY: Seneca Vocational High School. BUSINESS
ADDRESS: 666 E. Delavan Ave. PHONE:
Humbolt 0666. STUDIO ADDRESS: Same.
TRANSMITTER LOCATION: Same. TIME ON
THE AIR: Shares daytime with WBNY.

### Personnel

Principal......Elmer S. Pierce Station Director-Chief Engineer... W. C. Bieda (Non-Commercial Station)

# WCAD

### CANTON-EST. 1924

FREQUENCY: 1250 Kc. POWER: 500 watts. OWNED BY: St. Lawrence University. OPERATED BY: St. Lawrence University. BUSINESS ADDRESS: Canton. PHONE: 276. STUDIO ADDRESS: Canton. TRANSMITTER LOCATION: Campus. TIME ON THE AIR: 12:30 to 1:30—3:00 to 4:00 (daily except Sunday). NEWS SERVICE: Christian Science Monitor.

#### Personnel

President	Leslie H. Jencks
Chairman of Committee or	1
Radio	R. C. Ellsworth
Station Manager	H. K. Bergman
Musical DirectorH.	Wellington Stewart
Chief Engineer	Dr. Ward C. Priest
(Non-Commercia	ıl Station)

### WENY

### ELMIRA—EST. 1939

MUTUAL BROADCASTING SYSTEM

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Elmira Star-Gazette Inc. OPERATED BY: Same. BUSINESS ADDRESS: 201 Baldwin St. PHONE: 5181. STUDIO ADDRESS: Mark Twain Hotel. TRANSMITTER LOCATION: Schuyler Ave. TIME ON THE AIR: 7:30 A.M. to 1:00 A.M., daily: 9:00 A.M. to 12:00 Midnight, Sundays. NEWSPAPER AFFILIATION: Elmira Star-Gazette, Sunday Telegram, Elmira Advertiser. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

### Personnel

Director	Dale L. Taylor
Sales Manager	James M. Cleary
Commercial Manager	Ernest F. Oliver
Program Director	Hal M. Wagner
Production Manager	Woodrow Ott
Publicity Director	Glenn Williams
Chief Announcer	John Newhouse
Office Manager	Rita E, Hogan
Musical Director	Harry Springer
Chief Engineer	Perry Esten

### Coverage

Population—Primary	138,351
Radio Homes— "	31,400
Population—Secondary	300,539
Radio Homes— "	68,259
Source: Field intensity survey.	

### Representative

J. P. McKinney & Son

# WGBB

### FREEPORT-EST, 1924

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: H. H. Carman. OPERATED BY: Same. BUSINESS ADDRESS: 44 S. Grove St. PHONE: Freeport 2418. STUDIO ADDRESS: 44 S. Grove St. TRANSMITTER LOCATION: 215 Deell St. TIME ON THE AIR: Shares time with WBRB, WFAS. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

Owner and General ManagerH. H. Carman
Sales Promotion Manager Neal Seaman
Chief Announcer
Publicity Director
Chief Engineer

### Coverage

	Daytime	Evening
Population—Primary	400,000	200,000
Population—Secondary	200,000	100,000
Source: IL S. and County	Census.	

### WHCU

### ITHACA-EST. 1921

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 850 Kc. POWER: 1000 Watts. OWNED BY: Cornell University. OPERATED BY: Cornell University. BUSINESS ADDRESS: Ithaca Savings Bank Bldg. PHONE: 3438. STUDIO ADDRESS: Ithaca Savings Bank Bldg. TRANSMITTER LOCATION: Forest Home, N. Y. TIME ON THE AIR: 7:30 A.M. to sundown (New Orleans). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World.

### Personnel

Station Manager	Michael R. Hanna
Sales Manager	Lew Trenner
Program Director	Sidney Ten Eyck
Chief Engineer	True McLean

### Coverage

Population—Primary	•	 	472,100
Radio Homes— "		 	110,000
Population—Secondary		 	2,714,200
Radio Homes "		 	651,280

Source: CBS Listener and Dealer Survey.

### Representative

John Blair & Co.

# J T N

### JAMESTOWN—EST. 1924

NATIONAL BROADCASTING CO. (BLUE) NEW YORK BROADCASTING SYSTEM, INC. FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: James Broadcasting Co., Inc. OPERATED BY: James Broadcasting Co., Inc. BUSINESS ADDRESS: 208 Hotel Jamestown. PHONE: 7-151. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Jones and Gifford Ave. TIME ON THE AIR: (daily) 7:30 A.M. to 12:00 midnight: (Sunday) 8:00 A.M. to midnight. NEWS SERVICE: United Press. TRAN-SCRIPTION SERVICE: Associated, Davis & Schwegler, MAINTAINS ARTISTS' BUREAU.

#### Personnel

President	Jay E. Mason
Vice-President	Fred R. Ripley
Treasurer	Julius King
Secretary	Hugh V. N. Bodine
General Manager	Simon Goldman
	Marshall B. Shantz, Jr.
Sales Promotion Manag	gerAlfred E. Spokes
Musical Director	John P. Lewis
Chief Engineer	Harold J. Kratzert

### Coverage

	Daytime	Evening
Population—Primary	300,000	300,000
Radio Homes—"	74,490	74,490
Population Secondary	330,000	
Badio Homes— "	72 010	

Source: Field intensity measurements.

### Representative

Paul H. Raymer Company

### WKNY

### KINGSTON-EST, 1939

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Kingston Broadcasting Corp. OP-ERATED BY: Kingston Broadcasting Corp. BUSINESS ADDRESS: Governor Clinton Hotel. STUDIO ADDRESS: Governor Clinton Hotel. PHONE: 4500. TRANSMITTER LOCATION: Ulster Township. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight. NEWS SERVICE: International News Service. TRANSCRIPTION SER-VICE: World Broadcasting System.

### Personnel

President-Station Manager, John R. McKenna Commercial Manager ..... Leonard Bernard

### Coverage

Population—Primary	274.398
Radio Homes— "	64,650
Population—Secondary	422,057
Radio Homes— "	104,240
Causes, Mail assessed surport IT C	Concur

Source: Mail response survey: U. S. Census; Joint Committee.

# WGNY

### NEWBUPGH—EST. 1933

FREQUENCY: 1250 Kc. POWER: 250 watts. OWNED BY: WGNY Broadcasting Co. OP-ERATED BY: WGNY Broadcasting Co. BUSI-NESS ADDRESS: 161 Broadway. STUDIO AD-DRESS: Newburgh; Poughkeepsie. TRANSMIT-TER LOCATION: Cochecton Turnpike. TIME ON THE AIR: Daytime Schedule. NEWSPAPER AFFILIATION: Poughkeepsie Sunday Courier. NEWS SERVICE: United Press. TRANSCRIP-TION SERVICE: Associated Music Publishers. MAINTAINS ARTISTS' BUREAU.

### Personnel President...... Merritt C. Speidel

Secretary	
Treasurer & Director	Edward A. Chappell
Eusiness Manager	W. Dale McLaughlin
Executive Manager-Progr	am Director,
	H. W. Cassill
Commercial Manager	.W. E. Dunkelbarger
Artists' Bureau Head	Donald Grant
Publicity Director	Ruth M. Shafer
Chief Announcer	Richard Crans
Musical Director	Jack Stotesbury
Chief Engineer.	Patrick Simpson

### Coverage\*

Population—Primary	563,335
Radio Homes— "	84,100
'Information based on 100 watts	power:
station now operates on 250 watts	on 1220
kilocycles.	

### WABC

# NEW YORK CITY—EST. 1928 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 880 Kc. POWER: 50,000 Watts. OWNED BY: Columbia Broadcasting System. OPERATED BY: Same. BUSINESS ADDRESS: 485 Madison Ave. STUDIO ADDRESS: 485 Madison Ave.; 799 Seventh Ave.; 49 East 52nd St. TRANSMITTER LOCATION: Wayne Township, N. J. TIME ON THE AIR: 6:15 A.M. to 1:00 A.M.; Sunday, 8:00 A.M. to 1:00 A.M. NEWS SERVICE: United Press, International News Service. TRANSCRIPTION SERVICE: Associated (Transcriptions to 9:00 A.M., only).

### Personnel

General Manager Arthur Hull Hayes
Sales Promotion ManagerJules Dundes
Program DirectorGeorge Allen
Sales RepresentativeJerome B. Harrison
Sales Representative Wilbur Edwards
Sales RepresentativeBeverly M. Middleton
(For additional personnel see listing of
Columbia Broadcasting System, Inc., under networks.)

### Coverage

	Daytime Evening
Population—Primary	14,501,900 13,228,400
Radio Homes— "	3,415,530 3,161,480
Population—Secondary	18,531,600 24,568,100
Radio Homes "	4,111,120 5,286,460
Source: Market Resea	rch Division of the

Columbia Broadcasting System.

Representative

### Representative Radio Sales

# WBNX

### NEW YORK-EST. 1927

FREQUENCY: 1380 Kc. POWER: 5000 waits. OWNED BY: WBNX Broadcasting Co., Inc. OPERATED BY: WBNX Broadcasting Co., Inc. BUSINESS ADDRESS: 260 E. 161st St. PHONE: MElrose 5-0333-4-5-6-7. STUDIO ADDRESS: 260 E. 161st St. TRANSMITTER LOCATION: Carlstadt. N. J. TIME ON THE AIR: 9:00 A.M. to 6:00 P.M. and 7:30 P.M. to 12:00 Midnight: Sunday, 9:00 A.M. to 11:00 A.M., 12:30 P.M. to 3:00 P.M., 4:30 P.M. to 7:00 P.M. and 8:30 P.M. to 12:00 Midnight (1911) hours weekly). NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

PresidentA. L. Haskell
Vice-President-General Manager. W. C. Alcorn
Secretary & Commercial Manager. W. I. Moore
Production ManagerEdw. Ervin
Program DirectorFrank Johnson
Publicity Office Davis-Leiber
Musical DirectorFred Mendelsohn
Consult. Engineer

### Coverage

•	
Population—-Primary	10,383,908
Population-Secondary	870,270
Source Field Intensity measurem	

# WEAF

KEY STATION NBC (RED)

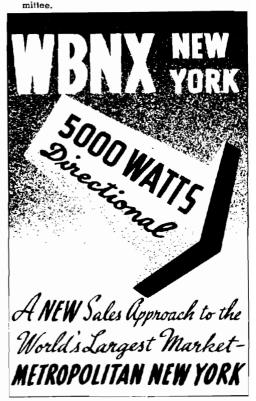
FREQUENCY: 660 Rc. POWER: 50,000 Watts. OWNED BY: National Broadcasting Co., Inc. OPERATED BY: Same. BUSINESS ADDRESS: 30 Rockefeller Plaza. PHONE: Circle 7-8300. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Port Washington, Long Island. TIME ON THE AIR: (daily) 6:30 A.M. NEWS SERVICE: Associated Press, United Press, International News Service.

### Personnel

See Network Listing

### Coverage

	Dayume	FAGIIII
Population-Primary1	4,886,600	13,939,100
Radio Homes— "	3.532,600	3,321,800
Population-Secondary 1	2,595,600	17,649,200
Radio Homes— "	796,100	1,117,100
Source: NBC Circulation	Studies;	Joint Com-



On June 1st.

1941, Station WINS will move to spacious modern quarters, with newly constructed studios and the very latest equipment, at 23-31 West Forty-Third Street.

# WINS

 $\mathcal{N}$   $\varepsilon$  W Y O  $\mathcal{R}$   $\mathcal{K}$ 

Effective March 29, WINS will broadcast on 1000 kilocycles

### WEVD

### NEW YORK-EST, 1927

FREQUENCY: 1330 Kc. POWER: 5000 watts. OWNED BY: Debs Memorial Radio Fund. OPERATED BY: Same. BUSINESS ADDRESS: 117 W. 46th St. PHONE: Bryant 9-2360. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 1335 Grand St. Bklyn. TIME ON THE AIR: 7:00 A.M. to 10:00 A.M., 12:00 noon to 6:00 P.M. and 8:00 P.M. to 4:00 A.M.; No schedule Monday night.

### Personnel

- 0.00111101			
Chairman of Board			
Managing DirectorHenry Greenfield			
Chief Announcer			
Program DirectorGeorge Field			
Musical Director			
Chief Engineer Charles Brown			
Corerase			

#### 

Radio Homes—"
Source: Station survey.

# WHN

### NEW YORK—EST. 1922

FREQUENCY: 1050 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: Marcus Loew Booking Agency; OPERATED BY: Marcus Loew Booking Agency. BUSINESS ADDRESS: 1540 Broadway. PHONE: BRyant 9-7800. STUDIO ADDRESS: 1540 Broadway. TRANSMITTER LOCATION: 20th Ave. & 31st St., Astoria, L. I. TIME ON THE AIR: 6:00 A.M. to 3:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated Music Publishers. MAINTAINS ARTISTS BUREAU.

### Personnel

Director	rbert L. Pettey
Sales Director	Bert Lebhar, Jr.
Station ManagerFran	k Roehrenbeck
Artists Bureau	Leo Cohen
Program Manager	Fred Raphael
Production Department	laurice Barret
Comptroller Jacque	s Van Strater
Chief Announcer	Russell Clancy
Publicity Department	Al Simor
Sales Promotion Manager	Robert G. Pat
Musical Director	Don Albert
Chief Engineer	. Paul Fuelling

Coverage

	Daytime	Evening
Population -Primary l	1,921,522	9,737,329
Radio Homes— "	2,970,460	2,677,830
Population—Secondary	702,920	1,748,287
Radio Homes— "	181,100	437,110
Source: 1930 U.S. Cens	us; Joint (	Committee.

Representative

Chicago Office: 360 N. Michigan Ave.

## **WHOM**

(See Jersey City, N. J.

# WINS

NEW YORK-EST, 1924

NEW YORK BROADCASTING SYSTEM FREQUENCY: 1000 Kc. POWER: 1000 watts. (C.P. 50,000 watts). OWNED BY: Hearst Radio, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 110 East 58th St. PHONE: EL-5-6100. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Carlstadt, N. J. TIME ON THE AIR: 7:00 A.M. to 2 hours after local sunset, E.S.T. NEWSPAPER AFFILIATIONS: New York Journal-American, New York Daily Mirror. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System.

### Personnel

Station Manager	Cecil H. Hackett		
Sales Promotion Manager-Publicity			
Director	Bernard Estes		
Program Director	Hazel Bower		
Chief Announcer	Bill Harding		
Musical Director	Louis Katzman		
Production Manager	Robert Cotton		
Chief Engineer	Paul Von Kunits		

THE

# LITTLE STATION

with the

### BIG AUDIENCES!

2,000,000 Jews 1,250,000 Italians 650,000 Germans 450,000 Poles

ALL WANTING TO Listen to Their Mother-Tongue Programs on

# WHOM

COVERS THE NEW YORK METROPOLITAN AREA

1000 WATTS—D
500 WATTS—N

# WNEW SELLS GOODS AT LOWEST COST

of any station claiming coverage of the metropolitan trading area



# BECAUSE...

wnew delivers twice the audience of any other New York independent station. (See Hooper-Holmes and other impartial surveys.)



WNEW delivers this audience at one-third the cost of any New York network station. (See Standard Rate & Data.)

Not a local station one minute and a chain station the next. Rather WNEW is a local station that thinks New York — acts New York — is New York. 24 Hours a Day!



### Coverage

Population—Primary	10,224,259	
Radio Homes- "	1,115,212	
Population—Secondary	9,590,479	
Radio Homes— "	1,025,995	
Source: Station survey; Joint Committee.		

### Representatives

International Radio Sales

# WJZ

### NEW YORK-EST. 1921

KEY STATION NBC (BLUE)

FREQUENCY: 770 Kc. POWER: 50,000 Watts. OWNED BY: National Broadcasting Co., Inc. OPERATED BY: Same. BUSINESS ADDRESS: 30 Rockefeller Plaza, N. Y. PHONE: Circle 7-8300. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Bound Brook, N. J. TIME ON THE AIR: (daily) 6:30 A.M. to 1:00 A.M. (Sunday) 8:00 A.M. to 1:00 A.M. (Sunday) 8:00 A.M. to sociated Press, International News Service.

### Personnel

See Network Listing

### Coverage

	Daytime	Evening
Population-Primaryl	8,229,300	16,941,800
Radio Homes— "	4,260,400	3,967,600
Population—Secondary	8,857,600	15,908,400
Radio Homes— "	B54,800	1,173,000
Source: NBC Circulation	Studies;	Joint Com-
mittee.		

### WLTH

### NEW YORK-EST, 1926

FREQUENCY: 1430 Kc. POWER: 500 waits. OWNED BY: WLTH, Inc. OPERATED BY: WLTH, Inc. OPERATED BY: WLTH, Inc. BUSINESS ADDRESS: 105 Second Ave., N. Y. C. PHONE: ORchard 4-3939. STUDIO ADDRESS: 105 Second Ave., N. Y. C. TRANSMITTER LOCATION: Green and Provost, Brooklyn. N. Y. TIME ON THE AIR: Quarter Schedule. (Shares time with WARD, WBBC, WVFW); (28 hours weekly). TRANSCRIPTION SERVICE: Lang-Worth, C. P. MacGregor. MAINTAINS ARTISTS' BUREAU.

### Personnel

## WMCA

### NEW YORK-EST, 1925

### INTER-CITY BROADCASTING SYSTEM

FREQUENCY: 570 Kc. POWER: 5000 watts, d.: 1000 watts, n. OWNED BY: Knickerbocker Broadcasting Co. OPERATED BY: Knickerbocker Broadcasting Co. BUSINESS ADDRESS: 1657 Broadway. PHONE: Circle 6-2200. STUDIO ADDRESS: 1657 Broadway. TRANSMITTER LOCATION: Kearney, N. J. TIME ON THE AIR: 24 hours daily. NEWS SERVICE: Associated Press, International News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

General Manager	Don S. Shaw
Director of Sales	Charles Stark
Operations Manager	Charles Capps
Artists' Bureau Head	Charles Wilshin
Sales Promotion Manager	. Edwin Weisman
Chief Announcer	Bob Carter
Publicity Director	Leon Goldstein
Musical Director	Joseph Rines
Chief Engineer	Frank Marx

### Coverage

### Representative

Virgil Reiter & Co.

# WNEW

### NEW YORK-EST. 1934

FREQUENCY: 1280 Kc. POWER: 5000 waits. OWNED BY: Wodaam Corp. OPERATED BY: Wodaam Corp. BUSINESS ADDRESS: 501 Madison Ave. PHONE: Plaza 3-3009. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 277½ Paterson Plank Rd., Carlstadt, N. J. TIME ON THE AIR: 24 hours a day. except Sunday and Monday. (Sunday) 12:00 Midnight to 7:00 A.M.; 10:00 A.M. to 12:30 P.M.; and 6:30 P.M. to 9:00 P.M. (Monday) 7:00 A.M. to 2:00 P.M. and 5:00 P.M. to 8:00 P.M. and 10:00 P.M. to Sunday morning at 7:00 A.M. NEWS SERVICE: Associated Press. MAIN-TAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Associated.

### Personnel

Station ManagerBernice Judis
Sales Manager
National Sales ManagerWalter Duncan
Artist Bureau HeadBernice Judis
Special Events and Publicity Director,
Iack Banner

Iack Banner
Production Head. William McGrath
Chief Announcer John Jaeger
Chief Engineer M. J. Weiner
Musical Director Merle Pitt

In The New York Market
DON'T MISS

# WAAT

A DAYTIME FACTOR SINCE 1926

**NOW** serving the millions of residents in New York and New Jersey From . . . .

# DAWN to DAWN!

U.P. & I.N.S. NEWS of the Hour — EVERY HOUR.... ON THE HOUR

Represented by Rambeau

See Page 479

### Coverage

Population—Primary		11,803,680
Radio Homes— "		2,950,920
Population—Secondary		1,184,520
Radio Homes— "		296,130
	_	

Source: Station survey; Joint Committee.

### Representative

John Blair & Co.

# NYC

### NEW YORK-EST, 1924

FREQUENCY: 830 Kc. POWER: 1000 waits. OWNED BY: City of New York. OPERATED BY: Municipal Broadcasting System. BUSI-NESS ADDRESS: Municipal Bldg. PHONE: WOrth 2-5600. STUDIO ADDRESS: Municipal Bldg. TRANSMITTER LOCATION: Greenpoint, Bklyn. TIME ON THE AIR: 7:00 A.M. to sunset (Minn., Minn.). NEWS SERVICE: International News Service, Associated Press.

### Personnel

Director	M. S. Novik
Chief Announcer	T. H. Cowan
Program Director	Seymour N. Siegel
Publicity Director	Jack Goodman
Musical Director	.Herman Neuman
Chief Engineer	Isaac Brimberg
(Non-Commercial	Station)

# WAAT

(See Jersey City, N. J., Page 479)

# WOR

### NEW YORK-EST 1922 MUTUAL BROADCASTING SYSTEM

FREQUENCY: 710 Kc. POWER: 50,000 Watts. OWNED BY: Bamberger Broadcasting Service. OPERATED BY: Same. BUSINESS ADDRESS: 131 Market St.; and 1440 Broadway, New York, N. Y. PHONE: (Newark) Market 2-1212. (New York) PEnnsylvania 6-8383. STUDIO ADDRESS: 131 Market St., Newark and 1440 Broadway, N. Y. C. TRANSMITTER LOCATION: Carterel. TIME ON THE AIR: (daily) 6:00 A.M. to 2:00 A.M. (Sunday) 7:45 A.M. to 2:00 A.M. NEWS SER-VICES: Transradio Press Service, United Press, Associated Press, General News Ticker (Sports). MAINTAINS ARTISTS' BUREAU. TRANSCRIP-TION SERVICE: World Broadcasting System: WOR Electrical Transcription and Recording

Service.

### Personnel

President	Alfred J. McCosker
Vice president and ger	neral
manager	.Theodore C. Streibert
Vice-President in Charge	e of
Program Operations.	.Julius F. Seebach, Jr.
Wine Description ! Channel	

Vice-President in Charge of Sales,

Rufus C. Maddux Sales Manager......Eugene S. Thomas Commercial Program Manager, Mitchell Benson Production Manager......Charles Godwin Director of Publicity......Jerry Danzig Director of Special Features and News, Dave Driscoll

Chief Engineer...........J. R. Poppele Director WOR Artists Bureau. Nat Abramson Director of Sales Promotion.....Joe Creamer Musical Director......Alfred Wallenstein

### Coverage

Population-Guaranteed .........\*18,070,855 Radio Homes- " . . . . . . . . \*4.261.788

\* Includes both primary and secondary areas.

Source: U. S. Census.

### Representatives

Paul A. Belaire, Boston, Mass. Harold C. Higgins, Chicago, Ill. Edward S. Townsend, San Francisco

# WQXR

### NEW YORK-EST, 1934

FREQUENCY: 1600 Kc. POWER: 10000 watts. OWNED BY: Interstate Broadcasting Co., Inc. OPERATED BY: Interstate Broadcasting Co., Inc. BUSINESS ADDRESS: 730 Fifth Ave. PHONE: Circle 5-5566. STUDIO ADDRESS: 730 Fifth Ave. TRANSMITTER LOCATION: Maspeth, Long Island. TIME ON THE AIR: Full Time License (9912 hours weekly). NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: World Broadcasting System.

### Personnel

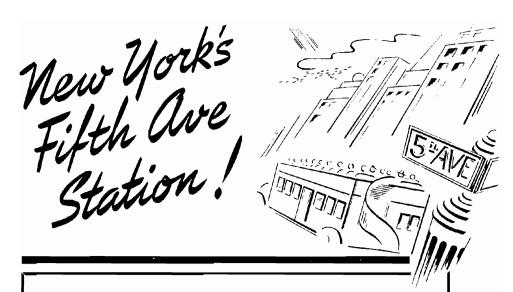
President	. John	V.	L.	Hogan
Station Manager	Ellic	tt	M.	Sanger
Vice-President in Charge	of Sal	es,		

Hugh K. Boice Program Director.......Eleanor N. Sanger Production Manager-Chief Announcer, William D. Straus

Publicity Director..... Dorothea Beckman Musical Director......Eddy Brown Chief Engineer......Russell Valentine

### Coverage

Population—Primary		10,000,000
Radio Homes "		
Source: Station sur	rvev.	



# EVERYONE KNOWS IT'S THE BEST BUY IN NEW YORK

In the world's greatest market, WOV's power and efficiency is a natural for producing more than satisfactory results.

By actual experience, shrewd advertisers and time buyers know the advantage WOV has in the vast Italo-American market. In addition to this market, WOV's new programming has resulted in reaching a greater American audience than ever before.

# WOV

# 10,000 WATTS

1130 on your dial

OFFICES AND STUDIOS

730 FIFTH AVENUE, NEW YORK CITY Circle 5-7979

### NEW YORK-EST, 1928

FREQUENCY: 1130 Kc. POWER: 10,000 watts. OWNED BY: Greater New York Broadcosting Corp. OPERATED BY: Greater New York Broadcasting Corp. BUSINESS ADDRESS: 730 Fifth Ave. PHONE: BRyant 9-6080. STU-DIO ADDRESS: 730 Fifth Ave. TRANSMITTER LOCATION: Kearney, N. J. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight; Sundays, 8:00 A.M. to 12:00 Midnight (118 hours weekly). NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Lang-Worth, Standard Radio. MAINTAINS ARTISTS' BUREAU.

### Personnel

General Manager Arthur Simon
Asst. Program DirectorJohn Schramn
Artists' Bureau Director
Chief Engineer
Coverage

Population—Primary . . . . . . . 8,557,725 Radio Homes— "

# WHLD

### NIAGARA FALLS—EST. 1939

FREQUENCY: 1290 Kc. POWER: 1000 watts. OWNED BY: Niagara Falls Gazette Publishing Co. OPERATED BY: Niagara Falls Gazette Publishing Co. BUSINESS ADDRESS: Niagara Hotel, PHONE: 7250. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Lockport Road. TIME ON THE AIR: 7:00 A.M. to local sunset. NEWSPAPER AFFILIATION: Niagara Falls Gazette, NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

### Personnel

General Manager
Commercial ManagerFin Hollinger
Program DirectorBen Bezoff
Chief AnnouncerLarry Lawrence
Musical Director Ernie Whistler
Chief Engineer
Coverage

 2,425,338
 609,593
 2,921,864
 723,175

Source: Mail response survey; U. S. Census.

### Representative Headley-Reed Co.

# WSLB

### OGDENSBURG—EST. 1939

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: St. Lawrence Broadcasting Corp. OPERATED BY: St. Lawrence Broadcasting

BUSINESS ADDRESS: 2315 Knox St. PHONE: 500. STUDIO ADDRESS: 2315 Knox St. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited License (112 hours NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus. MAINTAINS ARTISTS' BUREAU.

### Personnel

Joseph R. Brandy

President ....

Station Manager
Sales and Sales Promotion Manager,
Rudy Horst
Production ManagerGeorge Bingham
Publicity DirectorDorcthy Goodbout
Chief Announcer
Musical Director Ted Jarvis

### Chief Engineer.........Raymond E. Lafferty Coverage\*

	<i>,</i> –	
	Daytime	Evening
Population—Primary	177,328	177,328
Radio Homes— "	40,000	40.000
Population - Secondary	258,624	177,328
Radio Homes— "	58,680	40,000
*United States coverage	ge only;	does not
include Canada.	-	
Source: Station survey.		

### Representative

DeLisser-Boyd, Inc.

# WHDL

OLEAN—EST. Tupper Lake, 1928; Olean, 1934

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: WHDL, Inc. OPERATED BY: WHDL, Inc. BUSINESS ADDRESS: Main Office—601-619 Exchange National Bank Bldg. Branch office-Citizens Nat'l Bank Bldg., Bradford, Pa. PHONE: Bradford 6000; Olean 3300, STUDIO ADDRESS: Exchange and 7597. National Bank Bldg.; Citizens Nat'l Bank Bldg. Bradford: St. Bonaventure College, Allegany, N.Y.; Alfred University, Alfred. TRANSMITTER LOCATION: Allegany. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATION: Olean Times-Herald. NEWS SERVICE: United Press. MAINTAINS ART-ISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System, Standard Radio, NBC Thesaurus.

### Personnel

PresidentE. B. Fitzpatrick
Station ManagerThomas L. Brown
Sales ManagerRocco L. Tito
Sales Promotion Manager
Program Director-Artists' Bureau Head,

Vir	gil Booth
Production ManagerFred N	Meyer, Jr.
Chief Announcer Arthu	r <b>Hannes</b>
Musical Director Elizabe	th Brady
Chief Engineer	McDowell



"THE STROMBERG-CARLSON STATION"

# P R E S T I G E

Fifty thousand watt domination of the rich 43 county area it serves is not the only thing your WHAM radio dollar buys. Yours, too, is the prestige of the name of "Stromberg-Carlson" which for years has, to Western New Yorkers and the world, represented the finest in voice transmission and voice reception apparatus—telephone and radio, WHAM... owned and operated by the Stromberg-Carlson Telephone Mfg. Co.... 50,000 Watts... Clear Channel... Full Time..., NBC Blue and Red Networks... National Representatives: George P. Hollingbery Co.

ROCHESTER, N. Y.

### Coverage

Population—Primary	69,398
Radio Homes- "	16,900
Population-Secondary	105,671
Radio Homes— "	26,2 <b>0</b> 0

Source: Field signal measurements and mail response analysis: Joint Committee.

# Representative J. P. McKinney & Son

# WMFF

### PLATTSBURG-EST. 1935

### NBC-BLUE

FREQUENCY: 1340 Kc. POWER: 250 waits. OWNED BY: Platisburg Broadcasting Corp. OPERATED BY: Platisburg Broadcasting Corp. BUSINESS ADDRESS: Hotel Cumberland. PHONE: 1600. STUDIO ADDRESS: Hotel Cumberland. TRANSMITTER LOCATION: Boynton Ave. TIME ON THE AIR: 7:30 A.M. to 12:00 Midnight: Sunday, 9:00 A.M. to 12:00 Midnight. NEWS SERVICE: Transradio Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

PresidentE. H	I. Bragg
Vice-PresidentL. E	E. Bragg
Secretary-Treasurer George F	. Bissell
Assistant SecretaryB. W	. Bissell
General ManagerGeorge F.	. Bissell
Commercial Manager Edward	Furman
Program-Musical Director	on Hart
Chief EngineerJack	c Nazak
Coverage	
Donulation Drive was	147 000

 Population—Primary
 147.000

 Radio Homes—"
 31,800

 Population—Secondary
 194,500

 Radio Homes—"
 44,700

 Source: Mail response analysis.

# WKIP

### POUGHKEEPSIE—EST. 1939 NATIONAL BROADCASTING CO.

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Poughkeepsie Broadcasting Corp. OPERATED BY: Poughkeepsie Broadcasting Corp. BUSINESS ADDRESS: The Nelson House. PHONE: 6800. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 12:05 P.M.: Sundays. 8:00 A.M. to 12:05 P.M. (118½ hours weekly). NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

President-Station ManagerRichard E. Coon
Commercial Manager Frederic W. Ayer
Program Director
Chief Announcer
Chief Engineer

### Representative

Headley-Reed Co.

### WHAM

### ROCHESTER—EST. 1926 NATIONAL BROADCASTING CO. (RED AND BLUE)

FREQUENCY: 1180 Kc. POWER: 50,000 watts. OWNED BY: Stromberg Carlson Telephone Mig. Co. OPERATED BY: Stromberg Carlson Telephone Mig. Co. BUSINESS ADDRESS: Sagamore Hotel. STUDIO ADDRESS: Sagamore Hotel. STUDIO ADDRESS: Sagamore Hotel. TRANSMITTER LOCATION: Victor, N. Y. TIME ON THE AIR: 6:30 A.M. to 12:30 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System. Lang-Worth.

### Personnel

President
Vice-President Edward A. Hanover
General ManagerWilliam Fay
Assistant ManagerJack Lee
Commercial ManagerJ. W. Kennedy, Jr.
Publicity Director Arthur Kelly
Program Director Chas. Siverson
Technical Supervisor

#### Coverage

Population—Primary				3,607,424
Radio Homes— "	٠.	<b></b> .		896,010
Source: U. S. Censi	ıs;	Joint	Commi	ttee.

### Representative

George P. Hollingbery Co.

# WHEC

### ROCHESTER—EST. 1922 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1460 Kc. POWER: 1000 watts. d.; 500 Watts, n. OWNED BY: WHEC, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 40 Franklin St. PHONE: Stone 1320-1-2. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Mt. Read Blvd., Cold Water, N. Y. TIME ON THE AIR: 6:45 A.M. to 12:30 A.M., daily except Saturdays; 6:45 A.M. to 1:00 A.M., Saturdays; 8:30 A.M. to 12:30 A.M., Sundays. NEWSPAPER AFFILIATION: Gannett Newspapers, Inc. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated Music Publishers.

### Personnel

Vice-President	. Clarence	Wheeler
Treasurer-General Manager	Gunnar	O. Wiig
Commercial Manager	L. C.	Wheeler
Publicity Director	. Ross Wo	odbridge
Assistant Secretary	Mar	y Carroll
Traffic Manager	. Elizabeth	Gledhill
Chief Announcer	Harr	y LeBrun
Musical Director	Ken	Sparnon

Coverage

	Daytime	Evening
Population-Primary	533,000	533,000
Radio Homes— "	132,35 <b>0</b>	132,350
Population—Secondary	810,812	
Radio Homes- "	210.361	
Source: CBS Listening or	d Degler	Study

Source: CBS Listening and Dealer Study.

Representative
Paul H. Raymer Company

# WSAY

ROCHESTER—EST. 1936 CBS—MBS—NEW YORK BROADCASTING SYSTEM

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Brown Radio Service & Laboratory. OPERATED BY: Same. BUSINESS ADDRESS: 300 Taylor Bldg. PHONE: Stone 702-3. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 12:30 A.M. NEWS SERVICE: Transradio Press. MAINTAINS ARTISTS' BUREAU.

### Personnel

President-Chief Engineer Gordon P. Brown General Manager Mort Nusbaum Sales and Sales Promotion Manager, Winston H. Thornburg

**FIRST** 

IN ROCHESTER HEARTS!
IN ROCHESTER MINDS!

IN ROCHESTER EARS!

# **WSAY**

BASIC MUTUAL BROADCASTING
SYSTEM

Lowest cost of any advertising medium for complete coverage of the third largest market of the nation's richest state!

For choice news and spot availabilities, write, wire, or phone collect to

WSAY

ROCHESTER

**NEW YORK** 

Chief Announcer	Weller
Musical DirectorBetty	Brown
Chief Engineer	Brown
Canamana	

Coverage

	Daytime	Evening
Population—Primary	528,000	656,550
Radio Homes— "	128,700	167,500
Population—Secondary	823,000	1,110,100
Radio Homes— "	193,220	265,460
Source: Mail response	analysis	and field
intensity survey.		

WAGE

### SALINA-EST, 1941

MUTUAL BROADCASTING SYSTEM FREQUENCY: 620 Ke. POWER: 1000 watts. OWNED BY: Sentinel Broadcasting Co. OPERATED BY: Sentinel Broadcasting Co. BUSI-

ERATED BY: Sentinel Broadcasting Co. BUSINESS OFFICE: Salina. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited license.

### Personnel

President Frank C. Revoir
Vice-President William T. McCaffrey
Vice-President Alexis M. Muench

'Station was licensed to operate under a construction permit at time of going to press and no further information was available.

# WNBZ

SARANAC LAKE-EST. 1937

FREQUENCY: 1320 Kc. POWER: 100 watts. OWNED BY: Upstate Broadcasting Corp. OPERATED BY: Upstate Broadcasting Corp. BUSINESS ADDRESS: 70 Broadway. STUDIO ADDRESS: Same. TRANSMITTER LOCATION. Same. TIME ON THE AIR: 8:00 A.M. to local sunsel. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth.

### Personnel

Representative
George P. Hollingbery Co.

# WĠY

SCHENECTADY—EST. 1922
NATIONAL BROADCASTING CO.
(BASIC RED)

FREQUENCY: 810 Kc. POWER: 50,000 Watts. OWNED BY: General Electric Co. OPERATED BY: Same. BUSINESS ADDRESS: 1 River Road. PHONE: 4-2211. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: South Schenectady. TIME ON THE AIR: 6:45 A.M. to 1:00 A.M. (daily). 9:00 A.M. to 1:00 A.M. (Sunday). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus. MAINTAINS ARTISTS' BUREAU.

### Personnel

PresidentCharles E. Wilson
Station ManagerKolin Hager
Program ManagerA. O. Coggeshall
Acting Sales ManagerA. G. MacDonald
Publicity Director
Chief Engineer

### Coverage

	Daytime	Evening
Population—Primary	1.987.400	2,571,200
Radio Homes— "	488,000	600,300
Population—Secondary	2,453,100	2,273,600
Radio Homes- "	\$51,300	532,900
Source: NBC Statistical	Departmen	ıt.

### Representative

National Broadcasting Co., Inc.

### WOLF SYRACUSE—EST. 1940

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Civic Broadcasting Corp. OPER-ATED BY: Civic Broadcasting Corp. BUSINESS ADDRESS: Chimes Bldg. STUDIO ADDRESS: Chimes Bldg. PHONE: 2-7211. TRANSMITTER

LOCATION: Kirkpatrick and Van Rensselaer Sts. TIME ON THE AIR: 6:45 A.M. to 2:00 A.M. (13412 hours weekly). NEWS SERVICE: Transradio Press, TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BU-REAU.

### Personnel

President-Manager T. S. Marshall		
Program DirectorL. W. Kaiser		
Artists' Bureau Head-Traffic Manager,		
Wynne Parrish		
Publicity Director-News Editor,		
Martin A. Burstein		
Chief Announcer		
Musical DirectorBob Riddle		
Chief EngineerLaurence Reilly		

### Coverage

	Dayiime	rvening
Population Primary	378,060	254,997
Radio Homes— "	94,300	62,891
Source: Field intensity	survey; U.	S. Cen-
sus: Joint Committee.		

### Representative

Radio Advertising Corp.

# THE ONLY STATION

IN CENTRAL NEW YORK

### BROADCASTING

- 1. NEWS EVERY HOUR, ON THE HOUR.
- 2. ASCAP, BMI, SESAC, PD MUSIC.
- 3. 1934 HOURS PER DAY, AND
- 4. RATING OVER 3000 IN AUDIENCE RESPONSE EVERY WEEK.

250 WATTS NON-DIRECTIONAL 1490 KC.



# SYRACUSE

NOW. NIGHT

A T and Covers for more population and buying power than ever before

BETTER RECEPTION TO ALL POINTS

Here's what listeners tell us: Here's Whot listeners tell us.

HAMILTON, N.Y. (45 miles 2000) sta

Never ben able to find a good sta
tion for Glenn whiler Your power
tion for Glenn my problem
intrease has solved my problem.

NORWICH, N Y (66 mics away)
WFBL is now our best and clearest
station. No interference

station, no interference, water away)
WATERTOWN, N Y (72 milet away)
"Since you're increased your nower you'reception has much improved your reception has much improved."

your reception has much improved."
CLYDE, N. Y. (44 miles away)
I really take pleasure in
WFBL now that your programs come
in much clearer."

WFBL now is Syracuse and Central New York's MOST POWERFUL station, day and night! With this decided advantage of a five time increase in power, with top-flight air shows. the new WFBL is a powerful approach for more sales in this established 4. Billion Dollar market.

WRITE today for complete data regarding WFBL's increased coverage, rates and time available.

WFBL SYRACUSE, N. Y.

> \*Member Basic Network Columbia Broadcasting System

FREE & PETERS, Inc., exclusive national representatives

# WFBL

### SYRACUSE—EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1390 Kc. POWER: 5000 watts. OWNED BY: Onondaga Radio Broadcasting OPERATED BY: Onondaga Radio Broadcasting Corp. BUSINESS ADDRESS: Onondaga Hotel, PHONE: 2-1147. STUDIO AD-DRESS: Same. TRANSMITTER LOCATION: Collamer, N. Y. TIME ON THE AIR: 124 hours weekly. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System.

### Personnel

President
General Manager
Vice-PresidentRobert G. Soule
Vice-President and Sales Promotion
ManagerR. G. Soule
Commercial Manager Charles Phillips
Program Director
Publicity Director
Musical Director Thelma MacNeil Curren
Control Room SupervisorWalter L. Stonger
Chief Engineer
Coverage

Population—Primary	8 <b>41,700</b>
Radio Homes— "	205,800
Population—Secondary	2,501,600
Radio Homes- "	579,600

Source: Field intensity measurement and mail response analysis.

D---: J---

### Representative Free & Peters, Inc.

# WSYR

### SYRACUSE-EST. 1923

NATIONAL BROADCASTING CO. FREQUENCY: 570 Kc. POWER: 1000 waits.

OWNED BY: Central New York Broadcasting Corp. OPERATED BY: Same. BUSINESS AD-DRESS: 224 Harrison St. PHONE: 3-7111-STUDIO ADDRESS: 224 Harrison Street. TRANSMITTER LOCATION: Valley Drive. TIME ON THE AIR: (Daily) 6:00 A.M. to 1:00 A.M.; (Sunday) 8:00 A.M. to 12:00 midnight. NEWS SERVICE: United Press. MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICE: Associated.

### Personnel

President	Harry C. Wilder
Vice-President	Fred R. Ripley
Program Director	Lansing B. Lindquist
Artists' Bureau Head	Fred Jeske
Chief Announcer	Bill Rothrum
Service Director	Arnold Schoen
Publicity Director	E. R. Vadeboncoeur
Musical Director	Victor Miller
Chief Engineer	Armand Belle Isle

### Coverage

Population—Primary	878,263
Radio Homes— "	220,550
Population—Secondary	470,015
Radio Homes— "	121,340
Course, Ciption survey	

### Representative

Paul H. Raymer Company

# WHAZ

TROY-EST. 1922

FREQUENCY: 1330 Kc. POWER: 1000 waits. OWNED BY: Rensselder Polytechnic Institute. OPERATED BY: Rensselger Polytechnic Insti-BUSINESS ADDRESS: Troy. PHONE: Troy 6810. STUDIO ADDRESS: Troy, TRANS-MITTER LOCATION: Troy. TIME ON THE AIR: 6:00 P.M. to midnight (Monday only).

### Personnel

PresidentDr.	W. O. Hotchkiss
Station Manager	W. J. Williams
Commercial Manager	. Miss M. Bounds
Chief Announcer	.R. W. Schmelzer
Sales Manager	W. C. Stoker
Musical Director	A. Olin Niles
Chief Engineer	H. D. Harris

# WTRY

NATIONAL BROADCASTING CO. FREQUENCY: 980 Kc. POWER: 1000 watts. OWNED BY: Troy Broadcasting Co. OPER-ATED BY: Same. BUSINESS ADDRESS: 92 Fourth St. STUDIO ADDRESS: Same. PHONES: Troy 2100; Albany 2500. TRANSMITTER LOCATION: Boght Corners. TIME ON THE AIR: 6:00 A.M. to local sunset. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System, Lang-Worth.

### Personnel

President Col. H. C. Wilder Manager Fred R. Ripley
Commercial-Sales Promotion Manager,
William A. Riple
Program Director W. Woodbury Carter, Jr.
Publicity DirectorCecil Walker
Chief Announcer
Musical DirectorTony Sharpe
Chief Engineer

### Coverage

Population—Primary	437,000
Radio Homes— "	105,650
Population—Secondary	834,000
Radio Homes— "	208,520

Source: Station survey.

### Representative

Paul H. Raymer Co.

## WIBX

UTICA-EST, 1924

COLUMBIA BROADCASTING SYSTEM NEW YORK BROADCASTING SYSTEM

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: WiBX, Inc. OPERATED BY: Same. BUSINESS ADDRESS: First National Bank Bldg. PHONE: 2-2101. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Marcy. N. Y. TIME ON THE AIR: (daily) 6:55 A.M. to 1:00 A.M.: (Sunday) 8:00 A.M. to 1:00 A.M. (128 hours weekly). NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: Associated Music Publishers, MAINTAINS ARTISTS' BUREAU.

#### Personnel

PresidentScott H. Bow	/en
Business Manager E. K. Johns	son
Program Director-Artists' Bureau Head,	
Elliott Stew	art
Production Manager Michael Co	ırlo
Chief AnnouncerRobert Mohan	ıey
Public Relations Michael R. Har	na
Merchandising Manager Nathan W. Co	ook
Musical Director	ρlα

# ...............J. T. Dowdell **Coverage**

Chief Engineer ..

	Daytime	Evening
Population—Primary	223,500	223,500
Radio Homes—	63,760	63,760
Population Secondary	521,700	521,700
Radio Homes "	138,710	138,710
Source: CBS Listener and Dealer Survey.		
Representative		

New York Office: Belmont Plaza Hotel Chicago: Virgil Reiter & Co.

# WATN\*

### WATERTOWN—EST. 1941

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Watertown Broadcasting Corp. OPERATED BY: Watertown Broadcasting Corp. BUSINESS ADDRESS: Watertown. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited license.

### Personnel

President	Ha	rry Righter
TreasurerDean	R.	Richardson
Station Manager	K	rby Ayers
Commercial Manager	Dinn	y Dinsdale
TOUGHT TO BE A SECOND AS A SEC		

'Station was licensed to operate under a construction permit at time of going to press and no further information was available.

# WWNY

### WATERTOWN-EST, 1941

FREQUENCY: 1300 Kc. POWER: 500 watts.
OWNED BY: The Brockway Co. OPERATED
BY: The Brockway Co. BUSINESS ADDRESS:
Watertown. STUDIO ADDRESS: Same. TRANS-

MITTER LOCATION: Same. TIME ON THE AIR: Daytime license. NEWPAPER AFFILIATION: Watertown Times.

### Personnel

President-Treasurer Harold B. Johnson
Chief Engineer Paul Lee
'Station was licensed to operate under a

construction permit at time of going to press and no further information was available.

# WFAS

### WHITE PLAINS—EST. 1932

FREQUENCY: 1240 Kc. POWER: 250 waits. OWNED BY: Westchester Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Roger Smith Hotel. PHONE: White Plains 6400. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Shares time with WGBB and WBRB. NEWS-PAPER AFFILIATION: Macy-Westchester Newspapers. NEWS SERVICE: County News Bureau. Associated Press. TRANSCRIPTION SERVICE: World Broadcasting System. Lang-Worth.

President. J. Noel Macy
V-P-Managing Director Frank A. Seitz
Treasurer William Fanning
Secretary Harold F. Lippold

# **WFAS**

# WESTCHESTER'S OWN STATION

More power PLUS increased time ADD up to more VALUABLE Tacross the board" TIME, STATION WEAS is serving West-chester... the richest county in the United States Use it to put over your message.

# **WFAS**

Roger Smith Hotel, White Plains, N. Y.

Representatives

HEADLEY-REED COMPANY

420 LEXINGTON AVENUE NEW YORK CITY

#### NEW YORK-NORTH CAROLINA

Commercial Manager .... Anthony H. Francis Director of Women's Programs,

Betty Patterson Chief Engineer ...... Harry C. Laubenstein

Coverage

Daytime Evening Population—Primary .... 480,000 480,000 Radio Homes— " ..... 122,000 122,000

Source: Field intensity survey.

Representative Headley-Reed Co.

WOODSIDE—EST. 1926

FREQUENCY: 1600 Kc. POWER: 500 watts. OWNED BY: L. I. Broadcasting Corp. OPER-ATED BY: L. I. Broadcasting Corp. BUSINESS ADDRESS: 41-30 58th St. PHONE: NEwtown 9-3300-1. STUDIO ADDRESS: 41-30 58th St.

TRANSMITTER LOCATION: Same. TIME ON THE AIR: Part time schedule (75 hours weekly). NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Lang-Worth, Davis & Schwegler.

Personnel

President-Station Manager, William H. Reuman Commercial-Sales Promotion Manager.

Emil Dorer Special Events Director......Arthur Ford Office Manager......Edith Dick Production Manager and Musical Director,

Adolph Goebel

Coverage

Daytime Evening Population—Primary . . . . 10,000,000 3,000,000 Source: Chamber of Commerce.

Representative

Forjoe & Co.

# RTH CAROLIN

Population 3,571,623

Number of Families 786,446

Number of Radio Homes 438,960 Auto Registrations 591,450

For 1940 Census data, please turn to page **2**69

ASHEVILLE-EST, 1939

NATIONAL BROADCASTING CO. BLUE RIDGE NETWORK (WFBC-WKPT-WOPI-WISE)

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: WISE Broadcasting Co. OPER-ATED BY: WISE Broadcasting Co. BUSINESS ADDRESS: Langren Hotel. STUDIO ADDRESS: Langren Hotel. PHONE: 1213. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 121 hours weekly. NEWSPAPER AFFILIATION: Asheville Advertiser. NEWS SERVICES: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

President-Station Manager	Harold Thoms
Commercial Manager B	laxter Barkley
Program Director	Bernard Macy
Chief Engineer	Ralph Kiibler

#### Coverage

Population—Primary	337,500
Radio Homes— "	54,843
Population—Secondary	500,500
Radio Homes— "	73,300

Source: Station survey.

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 570 Kc. POWER: 1000 Watts. O. NED BY: Asheville Citizen Times Co., Inc. OPERATED BY: Asheville Citizen-Times Co.. Inc. BUSINESS ADDRESS: 14 O. Henry Ave. (Citizens Times Bldg.). PHONE: 5500. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Flatiron Bldg. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight; Sundays, 8:00 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATION: Asheville Citizen-Times, NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated, World Broadcasting System.

#### Personnel

Executive Director	Don S. Elias
Commercial Manager	John E. Thayer
Program Director	Robert B. Bingham
Assistant Program Director	Mardi Liles
Promotion Manager	Herman I. Mosely
Musical Director	John Eversman
Chief Engineer	Cecil Hoskins

#### Coverage

	Daytime	Evening
Population—Primary	321,212	214,982
Radio Homes— "	40,780	29,650
Population—Secondary	423,834	200,139
Radio Homes - "	56,052	24,170
Source: Field intensity n	neasuremer	ıt.

#### WBT

#### CHARLOTTE—EST. 1921

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1110 Kc. POWER: 50,000 Wotts. OWNED BY: Columbia Broadcasting System, Inc. OPERATED BY: Columbia Broadcasting System, Inc. BUSINESS ADDRESS: Wilder Bldg. PHONE: 3-8833. STUDIO ADDRESS: Wilder Bldg. TRANSMITTER LOCATION: Nations Ford Road. TIME ON THE AIR: 5:00 A.M. to 1:00 A.M.; Sundays, 7:00 A.M. to 12:00 Midnight. NEWS SERVICE: United Press. Personnel

#### Coverage

	Daytime	Evening
Population—Primary 2	2,698,100	971,400
Radio Homes— "	329,490	115,030
Population—Secondary 5	.334.700	7.901.200
Radio Homes "	599,230	968,640
Source: CBS Research Di	ivision.	

### Representative Radio Sales

### WSOC

#### CHARLOTTE-EST. 1933

NBC-MBS

SOUTHERN BROADCASTING SYSTEM FREQUENCY: 1240 Kc. POWER: 250 watts, d.: 100 watts, n. (C.P. 250 watts, n.). OWNED BY: Radio Station WSOC, Inc. OPERATED BY: Radio Station WSOC, Inc. BUSINESS ADDRESS: Mecklenburg Hotel. PHONE: 7138. STUDIO ADDRESS: Mecklenburg Hotel (C.P. 1925 N. Tryon St.). TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M. to Midnight (daily): 9:00 A.M. to Midnight (Sunday). NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

President and Station ManagerE. J. Gluc	ck
Commercial Manager W. C. Irwi	in
Program Director	cs
Sales Promotion ManagerPaul W. Norr	is
Chief Engineer L. L. Caud	le

#### Coverage

Population—Primary	432,219
Radio Homes— "	131,181
Population—Secondary	923,123
Radio Homes— "	141,620
Source: Station survey and estimat	e: 1940

U. S. Census: Joint Committee.

Representative

Headley-Reed Co.

#### WDNC

#### DURHAM-EST. 1934

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Heraid-Sun Papers. OPERATED BY: Heraid-Sun Papers. BUSINESS ADDRESS: 138 East Chapel Hill St. PHONE: R-155. STUDIO ADDRESS: 138 East Chapel Hill St. TRANSMITTER LOCATION: Cole Road. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight; Sundays, 8:00 A.M. to 12:00 Midnight (121 hours weekly). NEWSPAPER AFFILIATION: Heraid-Sun papers. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

#### Personnel

President
General Manager
Commercial ManagerC. J. Woodhouse
Program Director-Artists' Bureau Head,
Clay B. Daniel
Traffic Manager

cottinge		
	Daytime	Evening
Population—Primary	192,781	150,000
Radio Homes— "	32,871	25,871
Population—Secondary	247,900	176,000
Radio Homes— "	36,000	30,100
Source: Field intensity m	easuremer	ıts; U. S.
Census.		

#### Representative

Howard H. Wilson Co.

### WCNC

#### ELIZABETH CITY—EST. 1939

FREQUENCY: 1400 Kc. POWER: 250 waits. OWNED BY: Aubrey G. McCabe and T. W. Aydlett d/b as Alemarle Broadcasting Co. OPERATED BY: Aubrey G. McCabe and T. W. Aydlett d/b as Alemarle Broadcasting Co. BUSINESS ADDRESS: Colonial Ave. PHONE: 1370, STUDIO ADDRESS: Colonial Ave. TRANSMITTER LOCATION: Parsonase St., Extension. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

President-Manager	. T.	W.	Aydlett
Commercial Manager		. J. E.	Aydlett
Chief Announcer	L	ouis	Rigsbee
Program-Musical Director		. Pau	Moyle
Chief Engineer		. Billy	Rogers

#### Coverage

Population—Primary	488,379
Radio Homes— "	155,250
Source: Station survey	

Source: Station St

FAYETTEVILLE—EST. 1939

FREQUENCY: 1370 Kc. POWER: 250 watts. OWNED BY: W. C. Ewing and Harry Layman. OPERATED BY: Cumberland Broadcasting Co. BUSINESS ADDRESS: 114 Anderson St. PHONE: 4848. STUDIO ADDRESS: 114 Anderson St. TRANSMITTER LOCATION: Water St. TIME ON THE AIR: 84 hours weekly. NEWS SERVICE: United Press. TRANSCRIPTION SER-VICE: Associated.

#### Personnel

Station Manager	W. C. Ewing
Commercial Manager	H. E. Layman
Sales Promotion Manager	
Program Director	Ted Ellis
Production Manager	Z. V. Gwynn
Publicity Director	Kate Southerland
Chief Announcer	Marion Russell
Musical Director	Bob Machat
Chief Engineer	Frank Stewart
<b>(1)</b>	

#### Coverage

Population	—Pri	mary		10	000,00
Population	-Sec	ondary .		1	000,08
Source:	Mail	response	analysis:	Joint	Com-
mittee.		•	_		

# GASTONIA—EST. 1939

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: F. C. Todd. OPERATED BY: F. C. Todd. BUSINESS ADDRESS: National Bank of Commerce Bldg. STUDIO ADDRESS: National Bank of Commerce Bldg. TRANSMIT-TER LOCATION: Gastonia. TIME ON THE AIR: Unlimited license. TRANSCRIPTION SERVICE: Standard Radio, C. P. MacGregor.

#### Personnel

Owner.						 				,			. 1	F.	C	٥.	T	bc	d
Manager				 							. P	,	zt	1	Μe	cS	w	αi	n

Representative Adams & Adams

#### GOLDSBORO—EST. 1939

CAROLINA NETWORK (SPECIAL)

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Eastern Carolina Broadcasting Co. OPERATED BY: Eastern Carolina Broadcasting Co. BUSINESS ADDRESS: P. O. Box 372. STUDIO ADDRESS: Raleigh Highway. PHONE: 1550. TRANSMITTER LOCATION: Raleigh Highway. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M.; Sundays, 9:00 A.M. to 9:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel 

Program-Musical Director .... Mrs. John Morris Publicity Director-Chief Announcer,

Chief Engineer ..... Harry G. Bright

Coverage

Daytime Evening

7,000

Population—Primary . . . . 50,000 300,000 Radio Homes -- " 40.000

Source: Joint Committee.

### Representative

Associated Radio Sales

#### GREENSBORO-EST. 1926

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1470 Kc. POWER: 5000 waits. OWNED BY: North Carolina Broadcasting Co. OPERATED BY: North Carolina Broadcasting Co. BUSINESS ADDRESS: O. Henry Hotel. PHONE: 6125-6. STUDIO ADDRESS: O. Henry Hotel. TRANSMITTER LOCA-TICN: Guilford Battleground Blvd. ON THE AIR: 6:00 A.M. to 12 Midnight. NEWS SERVICE: Transradio Press. MAINTAINS ART-ISTS' BUREAU. TRANSCRIPTION SERVICES: World Broadcasting System, Lang-Worth Program Features. NAB Transcription Service. Davis & Schwegler.



ASK EDNEY RIDGE

U, GREENSBORO, N. C.

"COLD FACTS"!

5000 Watts, Day 1000 Watts, Night Soon-5000 Watts, Unlimited

#### NORTH CAROLINA

#### Personnel

Station and Commercial	
Manager	Edney Ridge
Program Director	Faye Kenyon
Publicity Director Virgin	nia Wilson McKinney
Musical Director	Margaret Banks
Chief Engineer	Earl Allison
- A1	

Coverage

	Daytime	Evening
Population—Primary	956,000	587,900
Radio Homes— "	112,300	97,200
Population—Secondary	2.110.000	1,644,000
Radio Homes— "	250,000	156,200
Source: Field strength s	urvey and	mail re-

sponse analysis; U. S. Census. Representative George P. Hollingbery Co.

#### GREENVILLE—EST. 1939

FREQUENCY: 1490 Kc. POWER: 250 waits. OWNED BY: J. J. White. OPERATED BY: Greenville Broadcasting Co. BUSINESS AD-DRESS: Greenville. STUDIO ADDRESS: Falkland Highway: Louise Hotel, Washington, N. C. PHONE: 3182. TRANSMITTER LOCATION: Falkland Highway. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight; Sundays, 8:00 A.M. to 12:00 Midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated, Standard Radio. MAINTAINS ARTISTS BU-REAU. Personnel

President	J. J. White
Station Manager	John F. Holbrook
Publicity Director-Artists' B	ureau Head,
	Laurine D. Skinner
Chief Announcer	C. W. Gibbs
Musical Director	J. D. Simpson
Chief Engineer	W G Fherhart

Coverage

	Daytime	Evening
Population—Primary	54,466	44,100
Radio Homes— "	6,430	5,210
Population—Secondary	340,697	54,466
Radio Homes-	41.070	6.430

HICKORY—EST. 1939 NATIONAL BROADCASTING CO.

FREQUENCY: 1400 Kc. POWER: 250 watts.
OWNED BY: Catawba Valley Broadcasting
Co. OPERATED BY: Catawba Valley Broadcasting Co. BUSINESS ADDRESS: Hickory. PHONE: 1195. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 115 hours weekly. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC

Thesaurus. Personnel

President	<b>c</b>	Carl V. Cline
Station-Commercial	Manager	W T Hiv

Progra	nn DirectorJames N	1cLe	endon
Chief	EngineerE.	S.	Long

#### Coverage

	Daytime	Evening
Population—Primary	104,050	51,635
Radio Homes— "	10,575	5,680
Population—Secondary	438,671	
Radio Homes— "	49,685	

Source: Field intensity survey.

### MFR

HIGH POINT—EST. 1936

NATIONAL BROADCASTING CO.

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Radio Station WMFR, Inc. OPER-ATED BY: Radio Station WMFR, Inc. BUSI-NESS ADDRESS: 1561/2 S. Main St. PHONE: 4593. STUDIO ADDRESS: 1561/2 S. Main St. TRANSMITTER LOCATION: 1561/2 S. Main St. TIME ON THE AIR: Unlimited license. MAIN-TAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NAB Library, Lang-Worth, C. P. MacGregor.

#### Personnel

Station Mar	nager	Raiph	М.	Lambeth
Commercial	Manager	<b>R</b> .	H.	Whitlow

KINSTON, NORTH CAROLINA 1230 Kc. 250 W

"The World's Garemost Taliacca Center"

MARTINSVILLE, VIRGINIA

1450 Kc. 100 Wn. 250 Wd.

Completely and Effectively covering this rich market

Jonas Weiland, Mgr.

### WFTC

#### KINSTON-EST. 1936

MUTUAL BROADCASTING SYSTEM
CAROLINA BROADCASTING SYSTEM
FREQUENCY: 1230 Kc. POWER: 250 waits.
OWNED BY: Jonas Weiland. OPERATED BY:
Jonas Weiland. BUSINESS ADDRESS: 210
East King St. PHONE: 1200. STUDIO ADDRESS:
Same. TRANSMITTER LOCATION: Kinston.
TIME ON THE AIR: 15 hours daily. NEWS
SERVICE: Transradio Press.

#### Personnel

PresidentJonas Welland
Commercial Manager
Program DirectorRay Woodard
Chief Engineer

#### Coverage

Population—Primary . . . . 253,000 65,000

Representative
Burn-Smith Co.

### WPTF

RALEIGH-EST. 1922

NATIONAL BROADCASTING COMPANY FREQUENCY: 680 Kc. POWER: 50,000 watts. OWNED BY: WPTF Radio Co. OPERATED BY: WPTF Radio Co. BUSINESS ADDRESS: 20 East Martin. PHONE: 3007-8-9. STUDIO ADDRESS: 20 East Martin. TRANSMITTER LOCATION: Cary, N. C. TIME ON THE AIR: 5:30 A.M. to 12:00 Midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Lang-Worth.

#### Personnel

PresidentJ. R. Weatherspoon
General Manager Richard H. Mason
Sales ManagerJohn H. Field, Jr.
Program DirectorGraham B. Poyner
Publicity Director Henry Ross Nigrelli
Technical Supervisor

#### Coverage

	Daytime	Evening
Population—Primary	1,337,350	802,410
Radio Homes— "	161,760	97,058
Population—Secondary	1,937,705	1,162,623
Radio Homes-"	86,873	51.123

Source: Field intensity measurements and mail response analysis.

Representative

### WRAL

RALEIGH—EST. 1939
MUTUAL BROADCASTING SYSTEM
SOUTHERN BROADCASTING SYSTEM
CAROLINA BROADCASTING SYSTEM

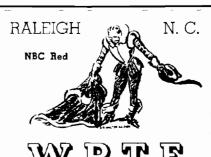
FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Capital Broadcasting Co. OPER- ATED BY: Same. BUSINESS ADDRESS: 130 S. Salisbury St. PHONE: 6411. STUDIO ADDRES: 130 S. Salisbury St. TRANSMITTER LOCATION: Davie St. Extension. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M.; Sundays, 9:00 A.M. to 11:00 P.M. (110 hours weekly). NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Associated Music Publishers.

#### Personnel

#### Coverage

	Daytime	Evening
Population—Primary	394,500	125,000
Radio Homes "	61,000	29,000
Source: Station survey.		

#### Representative Sears & Ayer, Inc.



# WPTF 50,000w

North Carolina's No. 1 Salesman

Exclusive National Representatives

FREE & PETERS, INC.

### W C B T \*

#### ROANOKE RAPIDS-EST. 1941

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: J. Winfield Crew, Jr. OPERATED BY: J. Winfield Crew, Jr. BUSINESS ADDRESS: Roanoke Rapids. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited license.

#### Personnel

### WEED

#### ROCKY MOUNT—EST. 1933

NATIONAL BROADCASTING CO. FREQUENCY: 1450 Kc. POWER: 250 watts.

FREQUENCY: 1450 Kc. POWER: 250 Watts.
OWNED BY: W. Avera Wynne. OPERATED
BY: W. Avera Wynne. BUSINESS ADDRESS:
Box 391. PHONE: 1420. STUDIO ADDRESS:
Rocky Mount. TRANSMITTER LOCATION:
Rocky Mount. TIME ON THE AIR: 7:30 A.M.
to 12:00 Midnight. NEWS SERVICE: Transradio
Press. TRANSCRIPTION SERVICE: World
Broadcasting System.

#### Personnel

Owner-Manager	Ave	ra Wyn	ne
Assistant Manager in			
Charge of Sales	B.	W. Fra	nk
Program-Production Manager, Th	noma	s Snowd	en
Chief Engineer	I. G.	Murphr	ev

#### Coverage

Population-Pr	imary	225,246		5	5,000
Radio Homes-	<b>- "</b>	26,650		1	2.000
Source: Mai	l response	analysis;	U.	S.	Cen-
6115					

### WSTP

SALISBURY—EST. 1939

MUTUAL BROADCASTING SYSTEM SOUTHERN BROADCASTING SYSTEM FREQUENCY: 1490 Kc. POWER: 250 watts.

OWNED BY: Piedmont Broadcasting Corp.
OPERATED BY: Same. BUSINESS ADDRESS:
Yadkin Hotel. PHONE: 2121. STUDIO ADDRESS: Yadkin Hotel. TRANSMITTER LOCATION: Statesville Highway at Grant Creek.
TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight.

#### Personnel

Manager John W. Shultz
Commercial Manager F. F. Patterson
Program Director
Chief AnnouncerEarl Caton
Chief EngineerJames R. Yost

#### Coverage

Population—Primary	354,169
Radio Homes "	44,810
Population—Secondary	1,015,745
Radio Homes— "	141,100

Source: Station survey; U. S. Census.

Representative
Radio Advertising Corp.

### WMFD

#### WILMINGTON—EST. 1935

FREQUENCY: 1400 Kc. POWER: 250 waits. OWNED BY: R. A. Dunlea. OPERATED BY: R. A. Dunlea. BUSINESS ADDRESS: Box 696. PHONE: 4840. STUDIO ADDRESS: 320 N. Front St. TRANSMITTER LOCATION: Castle Hayne Rd. TIME ON THE AIR: 7:03 A.M. to 10:30 P.M.; Sundays, 10:30 A.M. to 10:30 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

President-General ManagerR. A. Dunlea
Assistant ManagerJulia M. Johnston
Program Director
Production ManagerGene Stokes
Musical Director
Chief Engineer

#### Coverage

Population—Primary	90,000			
Radio Homes— "	18,000			
Population—Secondary	85,000			
Radio Homes— "	18,000			
Source: Station survey.				

Representative
Burn-Smith Co.

### WGTM

WILSON—EST. 1937
MUTUAL BROADCASTING SYSTEM

CAROLINA BROADCASTING SYSTEM FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: WGTM, Inc. OPERATED BY: WGTM, Inc. BUSINESS ADDRESS: 115 W. Nash St. PHONE: 2188. STUDIO ADDRESS: 115 W. Nash St. TRANSMITTER LOCATION: two miles south of Wilson on U. S. Highway 201. TIME ON THE AIR: Unlimited. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: Davis & Schwekler, Associated

#### Personnel

Recorded Program Service.

President and General
Manager
Vice-PresidentGeorge C. McDonale
Commercial Manager Allen Wanamake
Program Director
Chief Announcer-Publicity Director,

			Stead	
Musical Director	 	Al	berta	Carr
Chief Engineer	 	1	Bill M	alone

#### Coverage

	Daytime	Evening
Population—Primary	50,000	50,000
Radio Homes— "	8,000	8,000
Population-Secondary	150,000	50.000
Radio Homes— "	22,000	8,000

Source: U. S. Census; station survey.

#### Representative

Sears & Ayer, Inc.

#### WINSTON-SALEM—EST. 1937 MUTUAL BROADCASTING SYSTEM

SOUTHERN BROADCASTING SYSTEM FREQUENCY: 1340 Kc. POWER: 250 walts. OWNED BY: C. G. Hill. George D. Walker, and S H. Walker. OPERATED BY: C. G Hill, George D. Walker, and S. H. Walker. BUSI-NESS ADDRESS: Pepper Bldg. PHONE: 2-1133. STUDIO ADDRESS: Pepper Bldg. TRANSMIT-TER LOCATION: Reynolda. TIME ON THE AIR: 6:00 A.M. to local sunset. NEWS SER-VICE: Transradio Press.

#### Personnel

General Manager	. George	D. Walker
Commercial Manager		.C. G. Hill
Program-Musical Director.	Char	les Keaton
Production Manager	Ross	er Fowlkes
Chief Engineer	Ea	rl Downey

ebeel age	
Radio Homes—Primary	111,610
Radio Homes—Secondary	275,270
Source: Mail response analysis	

#### Representative

International Radio Sales

WINSTON-SALEM—EST. 1930

FREQUENCY: 600 Kc. POWER: 1000 watts. OWNED BY: Piedmont Pub. Co. OPERATED BY: Piedmont Pub. Co. BUSINESS ADDRESS: 416-420 N. Marshall St. PHONE: 4141. TRANS-MITTER LOCATION: Liberia St. TIME ON THE AIR: 6:00 A.M. to midnight (daily); 8:30 A.M. to midnight (Sunday). NEWSPAPER AFFILI-ATIONS: Winston-Salem Journal, Twin City Sentinel. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: NBC Thesaurus. Lang-Worth.

#### Personnel

President
Station Manager
Sales Manager
Program DirectorJohnny Miller
Chief Announcer
Musical DirectorElsie Tuttle
Chief EngineerPhil Hedrick

#### Coverage

	Daytime	Evening
Population—Primary	199,940	199,940
Radio Homes— "	33,470	33,470
Population—Secondary	194,220	194,220
Radio Homes "	27,630	27.630

Source: Field intensity measurements.

#### Representative Headley-Reed Co.

# ORTH DAKOTA

Population 641,935

Number of Families 152,039

Number of Radio Homes 118,080

Auto Registrations 181,614

For 1940 Census data, please turn to page 270

### KFYR

#### BISMARCK-EST, 1925

NATIONAL BROADCASTING COMPANY FREQUENCY: 550 Kc. POWER: 5000 Watts, OWNED BY: Meyer Broadcasting Co. BUSINESS ADDRESS: 320 Broadway. ADDRESS: PHONE: 468. STUDIO Broadway. TRANSMITTER LOCATION: Menoken Township. TIME ON THE AIR: (Daily) 7:00 A.M. to 12:00 midnight; (Sundays) 8:00 A.M. to 12:00 midnight. NEWS SERVICES: Associated Press. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

President and General Manager. P. J. Meyer

Station and Commercial

Manager..... F. E. Fitzsimonds Program and Musical Director...W. R. Griffin Publicity Director ..... Mervin Clough Chief Engineer......Ivar Nelson

#### Coverage

	Daytime	Evening
Population—Primary	1,600,453	<b>1,600,45</b> 3
Radio Homes "	305,563	<b>305,56</b> 3
Population—Secondary	985,156	985,156
Radio Homes— "	199,734	199.734

Source: Joint Committee.

#### Representative

John Blair & Co.

### KDLR

DEVILS LAKE—EST. 1925

MUTUAL BROADCASTING SYSTEM NORTH CENTRAL BROADCASTING SYSTEM FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: KDLR, Inc. OPERATED BY: KDLR, Inc. BUSINESS ADDRESS: 1025-3rd St. PHONE: 1090. STUDIO ADDRESS: 1025-3rd St. TRANSMITTER LOCATION: East end 4th St. TIME ON THE AIR: 6:30 A.M. to 10:00 P.M. (105 hours weekly). NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

President and General ManagerBert V	Vick
Program DirectorMerle B	ljork
Musical Director	yhre
Chief EngineerRichard M	oritz

#### Coverage

	Daytime	Evening
Population—Primary	95,407	95,407
Radio Homes— "	14,708	14,708
Population—Secondary	200,000	200,000
Source: Field Intensity measurements.		

#### WDAY FARGO—EST. 1922

NATIONAL BROADCASTING COMPANY FREQUENCY: 970 Kc. POWER: 5000 waits. OWNED BY: WDAY, Inc. OPERATED BY: WDAY, Inc. BUSINESS ADDRESS: 118 Broadway. PHONE: 5357. STUDIO ADDRESS: 118 Broadway. TRANSMITTER LOCATION: Near West Fargo. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight. MAINTAINS ARTISTS BUREAU. NEWSPAPER AFFILIATION: Fargo Forum. NEWS SERVICE: Radio News Assn.: United Press, Fargo Forum.

#### Personnel

President and General Manager E. C. Reineke Commercial Manager B. J. Lavin
Production ManagerDavid Henley
Chief Announcer and Artists' Bureau Head
Publicity Director
Chief EngineerJulius Hetland

#### Coverage

	Daytime	Evening
Population—Primary	806,833	760,678
Radio Homes— "	149,510	140,000
Population-Secondary	487,885	381,905
Radio Homes— "	89.130	70,790
Source: Mail response a	nalveis	

Representative
Free and Peters, Inc.

#### K F J M GRAND FORKS

FREQUENCY: 1440 Kc. POWER: 1000 watts, d.: 500 Watts, n. OWNED BY: University of

N. D. OPERATED BY: University of N. D. BUSINESS ADDRESS: 1st Nat'l Bank Bldg. PHONE: 1200. STUDIO ADDRESS: 1st Nat'l Bank Bldg. TRANSMITTER LOCATION: University of N. D. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M.; Sundays, 9:00 A.M. to 9:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth.

#### Personnel

Station Manager	Masuner
Sales Manager E. O.	Hanson
Program Director	.a Velle
Chief EngineerElwin J.	O'Brien
Coverage	
Population—Primary	274,000
Radio Homes — "	60,200
Population—Secondary	201,700
Radio Homes— "	43,700

### KRMC

Source: Mail response analysis.

JAMESTOWN—EST. 1937

MUTUAL BROADCASTING SYSTEM NORTH CENTRAL BROADCASTING SYSTEM FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Roberts-MacNab Co. OPERATED BY: Jamestown Broadcasting Co. BUSINESS ADDRESS: Midland Bldg. PHONE: 100-358. STUDIO ADDRESS: Midland Bldg. TRANSMITTER LOCATION: South of city. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight. NEWS SERVICE. Transradio Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Wor'd Broadcasting System.

#### Personnel

President	R.	В.	М	acNab
Station Manager	B, H	arlo	ınd	Ohde
Program Director	<b>V</b>	ern	3 E	Bekken
Chief Engineer	Llo	/d	R.	Amoo
·	_ '	•		

Coverage

Population—Primary	238,620
Radio Homes— "	38,153
Population—Secondary	269,077
Radio Homes— "	43,566

Source: Mail survey: 1940 U. S. Census.

#### Representative

North Central Broadcasting System

#### KGCU MANDAN—EST. 1925

FREQUENCY: 1270 Kc. POWER: 1000 watts, d.; 500 watts, n. OWNED BY: Mandan Radio Association. OPERATED BY: Mandan Radio Association. BUSINESS ADDRESS: 205 First St., N.W. STUDIO ADDRESS: Kennelly Furniture Co. Bldg., Mandan: Prince Hotel, Bismarck, TRANSMITTER LOCATION: between Bismarck and Mandan on Memorial Highway No. 10. TIME ON THE AIR: 5:30 A.M. to 10:00 P.M.; Sundays, 12:00 Noon to 7:00 P.M. (108 hours weekly). NEWS

SERVICE: Transradio Press. TRANSCRIPTION SERVICE: C. P. MacGregor, MAINTAINS ARTISTS' BUREAU.

#### Personnel

President	H. C. Schulte
Secretary	.Charles Toman, Jr.
Manager	J. K. Kennelly
Chief Engineer-Assistant	
Manager	Arne E. Anzjon
Program-Musical Director	

#### Coverage

Population—Primary	107,583
Radio Homes— "	
Population—Secondary	145,606
Radio Homes— "	18,940
Source: Station survey.	

### KLPM

MINOT-EST. 1929

FREQUENCY: 1390 Kc. POWER: 1000 watts. OWNED BY: John B. Cooley. OPERATED BY: Same. BUSINESS ADDRESS: Fair Block. PHONE: 1267-6. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: S. E. Minot. TIME ON THE AIR: Unlimited license. TRANSCRIPTION SERVICES: World Broadcasting System.

#### Personnel

PresidentJohn	B.	Cooley
Station ManagerRichard	J.	Schmidt
Commercial ManagerE.	H.	Cooley
Promotion ManagerLes	lie	Maurin
- · · · · ·		

#### Representative

Furgason & Walker, Inc.

### KOVC

VALLEY CITY-EST, 1936

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: KOVC, Inc. OPERATED BY: KOVC, Inc. OPERATED BY: KOVC, Inc BUSINESS ADDRESS: 312 Fifth Ave PHONE: 408. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Valley City. TIME ON THE AIR: 90 hours weekly.

#### Personnel

President
General ManagerRobert E. Ingstad
Program Director
Musical Director Arthur Lydell
Chief EngineerStanley Guth

#### Coverage

	Daytime	Evening
Population—Primary	229,476	81,265
Radio Homes- "	41,870	14,330
Population—Secondary	58,265	22,616
Radio Homes-"	12,930	6,376
Source: Mail count surve	y; U. S. C	ensus.

Advertising
Agency
Agency
Executives
Everywhere
read Radio Daily
Regularly

WARR TOWERS
OUSE AKRONTHE RUBBER CAPITAL OF THE WOR

AKRON

LOCAL & NATIONAL ADVERTISERS ALREADY RECOGNIZE ITS SELLING POWER!

ASIC B-C BLUE WATTS DAY & NIGHT This rich market, composed of highly-paid, buy-minded employees of the great Rubber Companies and dozens of other important industries, is now WAKR's audience. With Blue Network features and lively in Akron homes. Advertisers are buying WAKR all down the line, and through WAKP.

# 

Population 6,907,612

Number of Radio Homes 1.748.870

Number of Families 1,894,897

Auto Registrations 1,992,000

For 1940 Census data, please turn to page 271

### WADC

AKRON—EST. 1925 CBS—BASIC

FREQUENCY: 1350 Kc. POWER: 5000 watts.
OWNED BY: Allen T. Simmons. OPERATED
BY: Same. BUSINESS ADDRESS: Box 830.
PHONE: Meadowbrook 3211. STUDIO ADDRESSES: Talmadge: Akron. TRANSMITTER
LOCATION: Rout No. 8 between Akron and
Cleveland. TIME ON THE AIR: 125 hours
weekly. NEWS SERVICE: Transradio Press.

#### Personnel

President-Station Manager ... Allen T. Simmons Sales Manager ... ... Fred Bock Commercial Manager-Chief Announcer,

R. B. Wilson
Program Director ... H. H. Hageman
Production Manager ... R. B. Wilson
Chief Engineer ... John Aitkenhead

#### Coverage

Population—Primary	2,219,696
Radio Homes— "	524,302
Population—Secondary	1.812,893
Radio Homes— "	437,655
Source: Field intensity measurem	ients.

#### Representative

George P. Hollingbery Co.

### WAKR

AKRON—EST. 1940 NATIONAL BROADCASTING CO.

FREQUENCY: 1590 Kc. POWER: 1000 watts. OWNED BY: Summit Radio Corp. OPERATED BY: Summit Radio Corp. BUSINESS ADDRESS: First Central Tower. PHONE: Hemlock 6151. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 419 miles south of Akron. TIME ON THE AIR: 132 hours weekly. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio.

#### Personnel

President-Station ManagerS. Bernard Berk
Commercial Manager Kenneth M. Keegan
Sales Promotion Manager
Program Director
Production Manager-Chief Announcer.

	Deane 5. Long
Publicity Director	Maguerite Petran
Chief Engineer	Don Dayton

#### Coverage

Population—	
Primary and Secondary	718,000
Radio Homes—	
Primary and Secondary	178,620

#### Representative

International Radio Sales

### WJW

AKRON-EST.1932

MUTUAL BROADCASTING SYSTEM OHIO NETWORK

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: WJW, Inc. OPERATED BY: WJW, Inc. BUSINESS ADDRESS: 41 S. High St. PHONE: Jefferson 6111. STUDIO ADDRESS: 41 S. High St. TRANSMITTER LOCATION: 41 S. High St. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. (127 hours weekly). NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

President-Station ManagerBill O'Neil
Commercial Manager
Program-Publicity DirectorBill Griffiths
Artists' Bureau Head-Musical Director,
Carl Avers

Office Manager... Lawrence Webb
Continuity Director. Rae Carde
Chief Engineer... Gerald Roberts

#### Coverage

Population—Primary	658,000
Radio Homes— "	168,000
Population—Secondary	1,485,000
Radio Homes— "	380,000

Source: Station survey.

Representative

### Headley-Reed Co.

#### ASHTABULA—EST. 1937

FREQUENCY: 970 Kc. POWER: 1000 watts. OWNED BY: WICA. Inc. OPERATED BY: WICA. Inc. OPERATED BY: WICA. Inc. BUSINESS ADDRESS: 221 Center St. PHONE: 1211-1311. STUDIO ADDRESS: 221 Center St. TRANSMITTER LOCATION: Jefferson Road. TIME ON THE AIR: 7:00 A.M. to local sunset. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated. MAINTAINS ARTISTS' BUREAU.

#### Personnel

President	C. A. Rowley
Manager	R. B. Rowley
Commercial Manager	R, C. Marvin
Program Director-Artists' B	ureau Head.
	Walter W. Walrath
Production Manager-Chief	Announcer,
	A. L. Newkirk
Musical Director	Harold Leaman

Musical Director. Harold Leaman
Publicity Director T. F. Sigman
Chief Engineer. George Gautney
Coverage

 Population—Primary
 601,650

 Radio Homes—"
 205,030

 Population—Secondary
 4.870,215

 Radio Homes—"
 1,081,450

 Source: Field strength and mail response

Representative
Ferguson & Walker, Inc.

survey.

### W H B C CANTON—EST. 1925

MUTUAL BROADCASTING SYSTEM

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Ohio Broadcasting Co. OPERATED BY: Ohio Broadcasting Co. BUSINESS ADDRESS: 550 Market St. PHONE: 7166. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 3 miles northwest of city. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATION: Canton Repositary (Brush-Moore, Inc.). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

President	Louis H. Brush	
General Manager	Felix Hinkle	
Commercial Manager	Bill Kirkendale	
Program Director	Robert Geis	
Publicity Director	.Frank Grosjean	
Chief Announcer	Jack Nyatt	
Musical Director	James Winger	
Traffic Manager	Elizabeth Weeks	
Chief Engineer	Kenneth Sliker	
Corernae		

| Population—Primary | 746,858 | Radio Homes— | 187,714 | Population—Secondary | 1,079,223 | Radio Homes— | 257,500 | Source: U. S. Census: Joint Committee; Department of Commerce.

Representative
Weed & Co.

### WCKY

CINCINNATI—EST. 1929

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1530 Kc. POWER: 50,000 watts. OWNED BY: L. B. Wilson, Inc. OPERATED BY: L. B. Wilson, Inc. BUSINESS AD-

DRESS: Gibson Hotel, 5th and Walnut Sts. PHONE: Cherry 6565. STUDIO ADDRESS: Hotel Gibson. TRANSMITTER LOCATION: Near Crescent Springs, Ky. TIME ON THE AIR: 5:45 A.M. to 2:00 A.M.; Sundays 8:00 A.M. to 2:00 A.M. (139¹2 hours weekly). NEWS SERVICE: Transradio Press, United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

President and General Manager. L. B. Wilson
Sales Director
Promotion ManagerBev Dean
Program Director
Sales Promotion Manager George H. Moore
Traffic ManagerO. J. Fuller
Merchandising DirectorThomas Mitchell
Publicity DirectorElmer Dressman
Chief Announcer-Musical DirectorRex Davis
Chief Engineer
Assistant Chief EngineerArthur H. Gillette

Coverage

Population—Primary	4,129,467
Radio Homes— "	850,060
Population—Secondary	2,289,100
Radio Homes—"	464,733
Source: Field strength and mail	response
survey.	_

Representative

Free & Peters, Inc.

# WCPO CINCINNATI—EST. 1922

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Scripps Howard Radio, Inc. OPERATED BY: Scripps Howard Newspapers, Cincinnati Post. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICES: Standard Radio, Associated.

#### Personnel

President	Jack Howard
Vice President	J. C. Hanrahan
General Manager	M. C. Walters
Commercial Manager	John P. Smith
New Editor	Thomas McCarthy
Artists' Bureau Head	E. Eppinger
Publicity Director	A. Stephan
Musical Director	. Jesse Walker
Chief Engineer	Glen Davis

Coverage

	Daytime	Evening
Population—Primary	940,000	940,000
Radio Homes— "	202,800	202.800
Population—Secondary .	1,500,000	1,500,000
Radio Homes— "	296,000	296,000
Source: Field intensity	measureme	ents; U.S.
Census,		

D-----

### WKRC

CINCINNATI—EST. 1923

MUTUAL BROADCASTING SYSTEM FREQUENCY: 550 Kc. POWER: 5000 Watts, d.: 1000 Watts, n. OWNED BY: Cincinnati Times Star Co. OPERATED BY: Cincinnati Times Star Co. BUSINESS ADDRESS: Hotel Alms, Victory Parkway and Wm. H. Taft Rd. PHONE: Woodburn 0550. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M. to 2:00 A.M., daily: 8:00 A.M. to 2:00 A.M., Sundays (135 hours weekly). NEWSPAPER AFFILIATION: Cincinnati Times Star. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: Standard Radio, C. P. MacGregor.

### Personnel

General Manager	Hulbert Taft, Jr.
Sales Manager	
Program Director	Brad Simpson
Publicity and Special Events	
Director	.Margaret Maloney
Sales Promotion Director	Harold Coulter
Educational Director	Bernice W. Foley
Chief Announcer	Lou Mason
Musical Director	Ruth Lyons
Chief Engineer	John Tiffany
Coverage	

Population—Primary 1,920,000 1,049,600 Radio Homes— " 482,290 267.600 Population—Secondary 3,615.500 2,004.400 Radio Homes— " 947,590 550,390 Source: Field intensity measurements and mail response analysis.

#### Representative

The Katz Agency

#### WLW NCINNATI—EST. 1922

CINCINNATI—EST. 1922 NBC (RED & BLUE)

FREQUENCY: 700 Kc. POWER: 50.000 Watts. OWNED BY: The Crosley Corp. OPERATED BY: Same. BUSINESS ADDRESS: 1329 Arlington St. PHONE: Kirby 4800. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Mason, Ohio. 29 hours daily: Sundays. 18 hours. NEWS SERVICES: Associated Press. International News Service and United Press. MAINTAINS ARTISTS' BUREAU.

#### Personnel

President	
	James D. Shouse
Sales Manager	R. E. Dunville
Business Manager	E. K. Bauer
Sales Service Manager	J. E. Rudolph
Promotion Manager	. William Oldham
Program Director	George C. Biggar
Director of Public Service	Programs,
	Joseph Ries

Artists' Bureau Head	. William McCluskey
Chief Announcer	Peter Grant
News Editor	J. N. Bailey
Publicity Director	Cecil Carmichael
Technical Supervisor	R. J. Rockwell

#### Representative

Transamerican Broadcasting and Television
Corp.

(See Page 320)

### WSAI

#### CINCINNATI—EST. 1928

NATIONAL BROADCASTING CO. FREQUENCY: 1360 Kc. POWER: 5000 waits.

OWNED BY: Crosley Radio Corp. OPERATED BY: Same. BUSINESS ADDRESS: 1329 Arlington St. PHONE: Kirby 4800. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Near Mt. Healthy. Ohio. Time ON THE AIR: 6:00 A.M. to 2:00 A.M. (daily): 8:00 A.M. to 2:00 A.M. (Sunday). NEWS SERVICES: International News Service. Associated Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Associated.

\*\*Personnel\*\*

President Powel Crosley, Jr.
Vice-President James D. Shouse
General Manager Dewey H. Long
Sales Manager A. S. Grinalds
Artists' Bureau Head George Biggar
Chief Announcer Peter Grant
Program Director Clair Shadwell
Production Manager Harold Carr
Publicity Director Cecil Carmichael
Musical Director William Stoess
Chief Engineer R. J. Rockwell

Representative
International Radio Sales

### WCLE

#### CLEVELAND-EST. 1927

MUTUAL BROADCASTING SYSTEM FREQUENCY: 610 Kc. POWER: 500 Watts. OWNED BY: United Broadcasting Co. OPERATED BY: United Broadcasting Co. BUSINESS ADDRESS: 1311 Terminal Tower. PHONE: Prospect 5800. STUDIO ADDRESS: 1311 Terminal Tower; TRANSMITTER LOCATION: Seven Hills. TIME ON THE AIR: 6:45 A.M. to local sunset. NEWSPAPER AFFILIATION: Cleveland Plain Dealer. NEWS SERVICE: United Press. MAINTAINS ARTISTS BUREAU. TRANSCRIP.

### TION SERVICE: Lang-Worth. Personnel

President	. John S. McCarrens
Vice-President and Station	n
Manager	H. K. Carpenter
Assistant to Manager	Robert D. Borland
Sales Manager	K. K. Hackathorn
Program Director	Russell Richmond

Merchandising and Advertising
Manager Robert Greenberg
Continuity Director Leslie Biebl
Production Manager
Chief AnnouncerAlun Jenkins
Publicity Director Milton Hill
Artists' Bureau HeadLouis Rich
News EditorLee Otis
Musical Director
Chief EngineerE. L. Gove
Coverage Daytime
Population - Primary 3,114,600
Radio Homes— " 756.920
Source: U. S. Census: Joint Committee.

Representative Radio Advertising Corp.

### GAR

CLEVELAND—EST. 1930

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1480 Kc. POWER: 5000 watts. d.: 1000 Watts, n. OWNED BY: WGAR Broadcasting Co. OPERATED BY: WGAR Broadcasting Co. BUSINESS ADDRESS: Hotel Statler. PHONE: Prospect 0200. STUDIO ADDRESS: Hotel Statler. TRANSMITTER LOCATION: 1000 Harvard Ave., Cuyahoga Heights. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. (128 hours weekly). NEWS SERVICE: International News Service. MAINTAINS ARTISTS' BUREAU.

Personnel

PresidentGeorge A. Richards	
Vice President-General Manager, John F. Patt	
Assistant Manager in Charge	
of Sales Eugene Carr	
Local Sales Manager	
Sales Promotion ManagerEllis VanderPyl	
Public Relations Director Maurice Condon	
Program DirectorCarl George	
Production ManagerDavid Baylor	
Chief Announcer Wayne Mack	
Artists' Bureau Head	
Musical Director	
Chief Engineer	

Coverage

Daytime Evening Population—Primary .... 2,221,256 1,676,774 Radio Homes— " ..... 539,988 409,103 Scurce: Field intensity measurements.

> Representative Edward Petry & Co.

CLEVELAND—EST. 1921

NBC-(BLUE) MUTUAL

FREQUENCY: 1420 Kc. POWER: 5000 watts. OWNED BY: United Broadcasting Co. OPER-ATED BY: United Broadcasting Co. BUSINESS ADDRESS: 1311 Terminal Tower. PHONE: Prospect 5800. STUDIO ADDRESS: 1311 Terminal Tower. TRANSMITTER LOCATION: Seven Hills. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. (125 hours weekly). NEWSPAPER AF-FILIATION: Cleveland Plain Dealer. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Lang-Worth.

#### Personnel President.....John S. McCarrens

Vice President and

Station Manager	H. K. Carpenter
Assistant to Manager	Robert D. Borland
Sales Manager	K. K. Hackathorn
Program Director	Russell Richmond
Merchandising and Adver	rtising
Manager	Robert Greenberg
Continuity Director	Leslie Biebl
Production Manager	Al Llewelyan
Chief Announcer	Alun Jenkins
Publicity Director	
Artists' Bureau Head	Louis Rich
News Editor	Lee Otis
Musical Director	Willard Pott
Chief Engineer	E L Gove

#### Coverage\*

			Dayume
Radio	Homes—Primary	 	. 2,983,800
Radio	Homes— "	 	. 725,000

Evening coverage figures were unavailable as station went to 5000 watts after December 1, 1940.

Source: Joint Committee.

#### Representative Radio Advertising Corp.

### ТАМ

CLEVELAND—EST. 1923 NATIONAL BROADCASTING CO. (BASIC RED)

FREQUENCY: 1100 Kc. POWER: 50,000 Watts. OWNED BY: National Broadcasting Co., Inc. OPERATED BY: Same. BUSINESS ADDRESS: 815 Superior Ave., N. E. PHONE: Cherry 0942. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Brecksville Village. TIME ON THE AIR: 5:59 A.M. to 1:00 A.M. (daily). 6:59 A.M. to 1:00 A.M. (Sunday). NEWS SERVICE: United Press. Associated Press, International News Service. TRAN-SCRIPTION SERVICE: NBC Thesaurus, Standard Radio.

#### Personnel

President	Niles Trammell
Station Manager	. Vernon H. Pribble
Sales Manager	Howard A. Barton
Publicity Director	Bob Dailey
Program Director	Hal Metzger
Production Manager	Fred Wilson
Office Manager-Auditor	Pearl Hummell
Musical Director	Lee Gordon
Chief Engineer	S. E. Leonard

Coverage

| Daytime | Evening | Population—Primary | 5.344,000 | 4.628,000 | Radio Homes— | 1.253,600 | 1,103,100 | Population—Secondary | 6.758,800 | 9,702,600 | Radio Homes— | 1,527,200 | 2,217,200 | Source: NBC | Statistical | Department: Joint Committee: U. S. Census.

Representative

National Broadcasting Co., Inc.

### WBNS

COLUMBUS—EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1460 Kc. POWER: 5000 watts, d.: 1000 Watts, n. OWNED BY: WBNS, Inc. OPERATED BY: WBNS, Inc. BUSINESS ADDRESS: 33 No. High St. PHONE: Adams 9265-7. STUDIO ADDRESS: 33 No. High St. TRANSMITTER LOCATION: 1035 Barnett Rd. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M.; Sunday, 8:00 A.M. to 1:00 A.M.; Sunday, 8:00 A.M. to 1:00 A.M. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: Associated, World Broadcasting System.

Personnel

President	. Robert H. Wolfe
Station Manager	Richard A. Borel
Sales and Commercial Mana	agerW. I. Orr
Program Director	Jack Price
Musical Director	Lowell Riley
Education Director	Irwin A. Johnson
Promotion Manager	Jim Yerian
Publicity Director	Jerome R. Reeves
Chief Engineer	Lester H. Nafzger

Coverage

	Daytime	Evening
Population- Primary	645,800	573,700
Radio Homes— "	148,990	136,990
Population—Secondary	2,297,200	761,100
Radio Homes- "	498,890	153,280
Source: Field intensity	measuremer	nts: Joint

Representative
John Blair & Company

Committee.

### WCOL

COLUMBUS—EST. 1934

NBC-(RED & BLUE)

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: WCOL, Inc. OPERATED BY: WCOL, Inc. OPERATED BY: WCOL, Inc. BUSINESS ADDRESS: 33 N. High St. PHONE: Main 4581. STUDIO ADDRESS: 33 N. High St. TRANSMITTER LOCATION: 33 N. High St. TIME ON THE AIR: 125 hours weekly. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President	K.	B. Johnston
Station Manager		Neal Smith

Production Manager	Wallace	Beavers
Program-Publicity Di	rectorEdward	Bronson
Chief Engineer	Erne	st Lowe
Cor	erage	
Population—-Primary		411,823
Radio Homes— "		98,500

Source: U. S. Census.

Representative

### Weed & Co. ●

#### COLUMBUS—EST, 1921

MUTUAL BROADCASTING SYSTEM
FREQUENCY: 640 Kc. POWER: 500 Watts.
OWNED BY: United Broadcasting Co. OP.
ERATED BY: Same. BUSINESS ADDRESS:
22 E. Gay St. PHONE: Adams 1101. STUDIO
ADDRESS: 22 East Gay St. TRANSMITTER
LOCATION: Sharon Road. TIME ON THE
AIR: 6:30 A.M. to sundown Los Angeles Time.
NEWSPAPER AFFILIATION: Station is owned
by the United Broadcasting Co. which is
owned and operated by the Cleveland Plain
Dealer. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Lang-Worth. MAINTAINS ARTISTS' BUREAU.

#### Personnel

President	John S. McCarrens
General Manager	Carl M. Everson
Sales Manager	.Harry H. Hoessly
Program-Musical Director	John Agnew
Production Manager-Artists	Bureau Head,
	George L. Beebout

Publicity Director Fred Sample
Chief Announcer John Moses
Chief Engineer J. E. Anderson

Coverage

| Daytime | Evening | 1,997,970 | 1,997,970 | 1,997,970 | 1,997,970 | 469,830 | 5ource: U. S. Census.

Representative
Radio Advertising Corp.

### wosu

#### COLUMBUS-EST. 1922

MBS (Sustaining only)

FREQUENCY: 570 Kc. POWER: 1000 watts. OWNED BY: Ohio State University. OPERATED BY: Ohio State University. BUSINESS A D D R E S S: Communications Laboratory. PHONE: University 3148. STUDIO ADDRESS: Chio State University Campus. TRANSMITTER LOCATION: University Golf Course. TIME ON THE AIR: 40 hours weekly. NEWS SERVICE:

United Press. Personnel

President	Howard L. Bevis
Station Director	R. C. Higgy
Production Supervisor	C. W. Pettegrew
Program Supervisor	W. F. Heimlich

Publicity Director ..... H. H. Schellenger
Musical Director ..... Ann Charles
Technical Supervisor ... A. L. Hammerschmidt
(Non-Commercial Station)

WHIO

DAYTON—EST. 1935

(CBS-BASIC)

FREQUENCY: 1290 Kc. POWER: 5000 waits. OWNED BY: Miami Valley Broadcasting Corp. OPERATED BY: Miami Valley Broadcasting Corp. BUSINESS ADDRESS: 45 S. Ludlow PHONE: Adams 2261-2-3-4. STUDIO ADDRESS: 45 S. Ludlow St. TRANSMITTER LOCATION: Virginia Drive & Brandt Pike. TIME ON THE AIR: 5:45 A.M. to 1:00 A.M. (132½ hours weekly). NEWSPAPER AFFILIATIONS: Dayton Daily News, Springfield News, Springfield Sun. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated Music Publishers.

Personnel

President	. James M. Cox. Jr.
Manager	James Le Gate
Commercial Manager	D. A. Brown
Production Manager	Richard Belt

Program Director Lester Spencer
Sales Promotion Manager John Newsock
Chief Engineer Ernest L. Adams

Coverage

	Daytime	Evening
Population—Primary	650,400	500,400
Radio Homes— "	141,170	113,430
Population-Secondary	4,531,500	2,139,300
Radio Homes- "		490.550
		~

Source: CBS Listeners and Dealers Survey.

Representative
George P. Hollingbery Co.

WINC

DAYTON-EST. 1922

NATIONAL BROADCASTING CO.
FREQUENCY: 1410 Kc. POWER: 5000 watts.
OWNED BY: Great Trails Broadcasting Corp.
OPERATED BY: Same. BUSINESS ADDRESS:
Loew Theatre Bldg.. 121 N. Main. PHONE:
Adams 3288-9. STUDIO ADDRESS: Same.
TRANSMITTER LOCATION: Shaker Road.
TIME ON THE AIR: 5:45 A.M. to 1:00 A.M.

TIME ON THE AIR: 5:45 A.M. to 1:00 A.M. NEWS SERVICE: Transradio Press. TRAN-SCRIPTION SERVICE: NBC Thesaurus. MAINTAINS ARTISTS' BUREAU.

The most effective and economical way
the most effective and economical way
to sell the DAYTON MARKET is through
to sell the DAYTON MARKET is through
the radio station that serves it best
the radio station that serves
the radio station that serves
the radio station that serves
the radio station that serves it best
the radio station that serves it best serves it best

#### Personnel

President	
General ManagerRonald B. Woodyard	
Sales Promotion ManagerJames Cox	
Production and Program Manager,	

Coverage

	Daytime	Evening
Population—Primary	573,800	369.500
Radio Homes— "	146.260	92,170
Population—Secondary	412,346	219,345
Source: Station survey.		

### WLOK

LIMA—EST. 1936

NATIONAL BROADCASTING CO. FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Fort Industry Co. OPERATED BY: The Fort Industry Co. BUSINESS ADDRESS: Broadcasting Bldg., Toledo, Ohio. PHONE: Main 1316. STUDIO ADDRESS: Lima Trust Bldg. TRANSMITTER LOCATION: 1424 Rice Ave. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: NBC Thesaurus, Lang-Worth. MAINTAINS ARTISTS' BUREAU.

#### Personnel

Presiden	1	(	George	Stores
General	Manager	<b></b>	Ralpl	h Elvin
Program	Director-Artists'	Bureau	Head,	
_			Hugh	Downs

### WMAN

#### MANSFIELD—EST, 1939

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Richland, Inc. OPERATED BY: Richland, Inc. OPERATED BY: Richland, Inc. BUSINESS ADDRESS: Ohio Theatre Bldg., 140 Park Ave., West. STUDIO ADDRESS: Ohio Theatre Bldg., 140 Park Ave., West. TRANSMITTER LOCATION: Longview and North Main St. TIME ON THE AIR: 7:00 A.M. to 7:00 A.M. to 10:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

President
Vice-President
Secretary Marie W. Vandegrift
Treasurer
General ManagerOrville E. Field
Sales ManagerI. D. Wallington
Program-Publicity DirectorGwen Fields
Sales Promotion ManagerDave Francis
Chief Announcer

Musical Director										. Ec	ırl	Black
Chief Engineer.							ŀ	lo	v	rard	1 )	onard

#### Coverage

	77	
Population—Primary	175,076	105,000
Radio Homes— "	85,993	37,000
Population—Secondary	157,558	94,500
Radio Homes— "	77.403	33,300
Source: Station survey.		

Representative

Headley-Reed Co.

### WMRN

MARION—EST. 1940

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: The Marion Broadcasting Co. OPERATED BY: The Marion Broadcasting Co. SUSINESS ADDRESS: WMRN Bldg. PHONE: 2516. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: N. Main St. TIME ON THE AIR: 7:00 A.M. to 10 P.M. (105 hours weekly). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus. MAINTAINS ARTISTS' BUREAU.

#### Personnel

President
Station ManagerDale Robertson
Sales ManagerMaurice Dunlap
Program-Publicity DirectorRussell Salter
Chief EngineerRobert Morrison

#### Coverage

The state of the s		
Population—Primary		91,200
Population—Secondary		250,000
Source: Field intensity	measurement.	

### WPAY

#### PORTSMOUTH—EST. 1935

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Vee Bee Corp. OPERATED BY: Same. BUSINESS ADDRESS: 1009 Gallia St. PHONE: 1010. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 821 Chillocothe St. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M.; Sunday. 9:30 A.M. to 7:00 P.M. NEWSPAPER AFFILIATION: Portsmouth Times. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

President	.Chester B. Thompson
General Manager	Ralph H. Patt, Jr.
Program Director	William Aldridge
Chief Engineer	Maurice Myers

#### Coverage

	Daynme	Evening
Population—Primary	164,000	118,000
Radio Homes— "	34.700	25,300
Population—Secondary	301,000	215,000
Radio Homes— "	60,600	45,200
Source: U. S. Census: Jo	int Commi	ttee.

Representative

Cox and Tanz



WFMJ's Studio No. 1 during a broadcast by Horace Heidt. The studio seats 200,

# WFMJ

has more listeners than any other station heard in the Youngstown area.\* Advertisers will assure themselves of largest audiences by choosing this popular and enterprising station in one of the nation's largest steel-making districts where every plant is working at capacity and enlarging to meet defense demands.

\*Survey by Hooper-Holmes Bureau.

# WFMJ

YOUNGSTOWN, OHIO

National Representatives: Headley-Reed Co.

New York • Chicago • Detroit • Atlanta

### WIZE

#### SPRINGFIELD-EST. 1940

FREQUENCY: 1340 Kc. POWER: 250 watts.
OWNED BY: Radio Voice of Springfield, Inc.
OPERATED BY: Some. BUSINESS ADDRESS:
117 West High St. PHONE: 6121. STUDIO
ADDRESS: Same. TRANSMITTER LOCATION:
Same. TIME ON THE AIR: 6:00 A.M. to 12:00
Midnight. NEWS SERVICE. Transradio Press.
TRANSCRIPTION SERVICE: Standard Radio

#### Personnel

Vice President-Station	Manager,
	Ronald B. Woodyard
Sales Manager	Lou Boulette
Program Director	William Ratcliff
Chief Engineer	Arthur Martin

### WSTV

#### STEUBENVILLE—EST. 1940

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: The Valley Broadcasting Co. OPERATED BY: The Valley Broadcasting Co. BUSINESS ADDRESS: Exchange Realty Bidg. PHONE: 5200. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Altamont Heights. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight; Sunday, 9:00 A.M. to 12:00 Midnight.

NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Lang-Worth. MAINTAINS ARTISTS' BUREAU.

#### Personnel

General Manager				
Program Director-Artists' Bureau Head.				
John Merdian				
Publicity DirectorJames Dooley				
Continuity Editor				
News Editor-Chief Announcer				
Chief EngineerJoseph Troesch				
Coverage				
Population—Primary 540,066				
Radio Homes— " 115,655				

Joint Committee.

TOLEDO—EST. 1938

Source: Radio Daily Major Market Study;

FREQUENCY: 1230 Kc. POWER: 250 waits. OWNED BY: Community Broadcasting Co. OPERATED BY: Community Broadcasting Co. OPERATED BY: Community Broadcasting Co. BUSINESS ADDRESS: Penthouse, Bell Bldg. PHONE: Adams 3291-2. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Toledo. TIME ON THE AIR: 6:30 A.M. to 1:00 A.M., NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated. MAINTAINS ARTISTS' BUREAU.

# First Choice by 56%

WTOL is the favorite station for newscasts by the decisive margin of 56% over the next most popular station heard in the Toledo area!

4302 personal interviews were completed by a recognized independent research organization and the above fact is quoted from the sworn statement of this authority.

Listener preference, coupled with WTOL's continued low rates offers advertisers a sensational advantage. Ask for availabilities next to news!

# WTOL

TOLEDO'S Friendly STATION ARCH. SHAWD Vice Pres. & Mgr.

Represented Nationally by Radio Advertising Corporation

#### Personnel

President	Frazier Reams
Executive	Vice-PresidentArch Shawd
Program-P	ublicity
Chief Eng	gineerFrank Ridgeway

Coverage

	Daytime	Evening
Population—Primary	700,000	700,000
Radio Homes— "	179,000	179,000
Population—Secondary	1,250,000	1,250,000
Radio Homes— "	336.000	336,000
Source: Mail Response of	malysis.	

#### Representative Radio Advertising Corp.

TOLEDO—EST, 1921

NATIONAL BROADCASTING CO. FREQUENCY: 1370 Kc. POWER: 5000 watts. OWNED BY: The Fort Industry Co. OPER-ATED BY: The Fort Industry Co. BUSINESS ADDRESS: Broadcast Bldg., 136 Huron St. PHONE: Adams 3175. STUDIO ADDRESS: Commodore Perry Hotel; Broadcast Bldg. TRANSMITTER LOCATION: Oregon Road.
TIME ON THE AIR: 6:00 A.M. to 1:00 A.M.,
daily: 8:00 A.M. to 1:00 A.M., Sundays (131 hours weekly). NEWS SERVICE: International News Service, United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Lang-Worth,

#### Personnel

Fresident
V.PStation Manager
Commercial Manager E. Y. Flanigan
Program DirectorRussell Gohring
Promotion Manager Merrill N. Pheatt
Chief EngineerWilliam Stringfellow
Coverage
Papulation—Primary 1 203 574

Population—Primary	1,203,574
Radio Homes— "	302,590
Population—Secondary	4,000,000
Radio Homes— "	1,000,000
a a	,

Source: Station survey.

Densident

#### Representative

The Katz Agency

#### YOUNGSTOWN—EST, 1938

FREQUENCY: 1450 Kc. POWER: 250 worts. OWNED BY: William F. Maag, Jr. OPERATED BY: Same. BUSINESS ADDRESS: 101 West Boardman St. STUDIO ADDRESS: 101 West Boardman St. TRANSMITTER LOCATION: 101 West Boardman St. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio, Lang-Worth, C. P. MacGregor.

#### Personnel

Manager	William F. Maag, Jr.
Program Director	Lee Bland
Advertising ManagerL	eonard E. Nasman
Chief Engineer	Frank Dieringer

Coverage

	Daynme	Lvening
Population—Primary	813,150	813,150
Radio Homes— "	187,505	187,505
Source: Field strength m	easuremen	ts; <b>U. S</b> .

#### Department of Commerce. Representative

Headley-Reed Co. (See Page 522)

### KB

#### YOUNGSTOWN-EST, 1926

CBS

FREQUENCY: 570 Kc. POWER: 1000 Watts, d.; 500 Watts, n. OWNED BY: WKBN Broadcasting Corp. OPERATED BY: Same, BUSINESS AD-DRESS: 17 No. Champion St. PHONE: 42122. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Sunset Blvd. TIME ON THE AIR: 7:30 A.M. to 12:00 midnight, NEWSPAPER AF-FILIATION: Cleveland Plain Dealer, NEWS SERVICE: Transradio Press, TRANSCRIPTION SERVICES: World Broadcasting System, Lang-Worth.

#### Personnel

President and Gen. Mgr. W. P. Williamson, Jr.
Station Director
National Sales ManagerC. Alden Baker
Local Sales Manager
Publicity and Musical DirectorG. Davidson
Production ManagerWayne Johnson
Chief Engineer

Coverage

Population—Primary	1,670,000
Radio Homes— "	377,600
Population—Secondary	4,946,000
Radio Homes— "	1,119,700
Course. Field strongth aurens	

Source: Field strength survey.

ZANESVILLE—EST. 1924 NATIONAL BROADCASTING CO. OHIO STATE NETWORK

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: WALR Broadcasting Corp. OPER-ATED BY: WALR Broadcasting Corp. BUSI-NESS ADDRESS: 48-52 North Fifth St., Lind Arcade. PHONE: 644. STUDIO ADDRESS: 48-52 North Fifth St., Lind Arcade. TRANS-MITTER LOCATION: Newark Road. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight; Sunday, 8:00 A.M. to 10:00 P.M. (119 hours weekly). NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SER-VICE: Standard Radio, Lang-Worth.

#### OHIO-OKLAHOMA

#### Personnel

James Minium

#### Coverage

	Dayume	Evening
Population-Primary	214,231	185,437
Population—Secondary	52,229	52,229
Population-Secondary	295,421	190,231
Radio Homes— "	59,221	59,221
O	10	40 TT C

Source: Mail response survey; 1940 U.S. Census; Consumer Market Data Handbook,

### Representative John Blair & Co.

# -OKLAHOMA

Population 2.336,434 Number of Families 609,094 Number of Radio Homes 450,390 Auto Registrations 588,109

For 1940 Census data, please turn to page 272

### KADA

#### ADA-EST. 1934

MUTUAL—OKLAHOMA NETWORK
FREQUENCY: 1230 Kc. POWER: 250 watts.
OWNED BY: Dr. C. C. Morris. OPERATED BY:
Dr. C. C. Morris. BUSINESS ADDRESS: Highway No. 48, north of Ada. PHONE: 1212.
STUDIO ADDRESS: Highway No. 48, north of
Ada. TRANSMITTER LOCATION: Same. TIME
ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWS
SERVICE: Transradio Press.

#### Personnel

Owner	rris
Station and Commercial	
ManagerJames M. Grif	flth
Program Director	hill
Chief EngineerLeiland Se	ęαy
Coverage	

Representative
Arthur H. Hagg & Associates

### K V S O

ARDMORE—EST, 1935

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Ardmoreite Pub. Co. OPERATED BY: Ardmoreite Pub. Co. BUSINESS ADDRESS: 114-18 N. Washington. PHONE: 3030. STUDIO ADDRESS: Chickasaw and N. W. Blvd. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWS-PAPER AFFILIATION: Daily Ardmoreite. NEWS SERVICE: Associated Press (Non-Commercial). TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

Genera	l Manager	Albert	Riesen
Station	Manager	Wilbrit	Chaifin

Chief AnnouncerPaul	Duncan
Musical DirectorDolly	Dutton
Chief EngineerJ. H.	Holmes

#### Coverage

	Daytime	Evening
Population—Primary	202,413	110,184
Radio Homes— "	31,668	18,243
Population—Secondary	221,559	135,721
Radio Homes— "	33,533	19,286
Source: II S Cansus: L	oint Commi	ittee

### KASA

#### ELK CITY-EST. 1932

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: E. M. Woody. OPERATED BY: E. M. Woody. OPERATED BY: E. M. Woody. BUSINESS ADDRESS: Casa Grande Hotel. STUDIO ADDRESS: Casa Grande Hotel. TRANSMITTER LOCATION: Casa Grande Hotel. TIME ON THE AIR: 6:00 A.M. to 10:00 P.M. (86 hours weekly). NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: Davis & Schwegler. MAINTAINS ARTISTS' BUREAU.

#### Personnel

PresidentE. M. Woody
Station Manager F. E. Mayhew
Program Director-Artists' Bureau Head,
Johnny Carman

Publicity Director R. Jack Christy
Musical Director F. Leon Deam
Chief Engineer George Fenter

#### Coverage

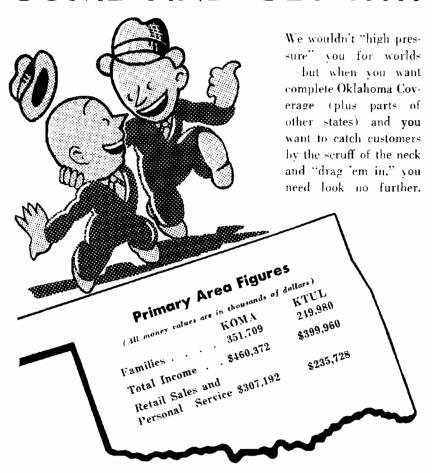
	Daytime	Evening
Population—Primary	192,772	65,515
Radio Homes—"	32.649	11,010
Population—Secondary	399,508	166,443
Radio Homes— "	66,443	33,467
Source: Mail response	and field	intensity

surveys; 1940 U. S. Census.

#### Representative

Cox & Tanz

# COME AND GET IT!..



5000 WATTS DAY AND NIGHT

Oklahoma City
KOMA



Tulsa KTUL

FREE & PETERS, Inc., Exclusive National Representatives

### KCRC

**ENID-EST. 1926** 

MUTUAL and OKLAHOMA NETWORK FREQUENCY: 1390 Kc. POWER: 1000 watts. OWNED BY: Enid Radiophone Co. OPERATED BY: Enid Radiophone Co. BUSINESS ADDRESS: Willow & Kennedy Sts. PHONE: 447-8. STUDIO ADDRESS: Willow & Kennedy Sts. TRANSMITTER LOCATION: Willow & Kennedy Sts. TIME ON THE AIR: 6:30 A.M. to 11:00 P.M.; Sunday. 9:00 A.M. to 11:00 P.M. NEWSPAPER AFFILIATIONS: Enid Morning News, Enid Daily Eagle NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: World Broadcasting System.

President	M. C. Garber
Station Manager	Milton B. Garber
Sales Promotion Manager	
Artists' Bureau Head	Keith Painton
Publicity Director	Harold Baker
Musical Director	Mabel Waken
Chief Engineer	A. B. Clopton
Congress	_

Coverage

Population—Primary	270,700
Radio Homes— "	44,700
Population—Secondary	761,700
Radio Homes- "	134.000

Source: Station survey.

Representative Arthur Hagg & Associates

# KSWO \*

FREQUENCY: 1120 Kc. POWER: 250 watts. OWNED BY: Willard Carver and Byrne Ross. OPERATED BY: Same. BUSINESS ADDRESS: Lawton. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Daytime license.

#### Personnel

Partner	 Willard	Carver
Partner	 	e Ross

'Station was licensed to operate under a construction permit at time of going to press and no further information was available.

#### KBIX MUSKOGEE—EST. 1936

MUTUAL—OKLAHOMA NETWORK
FREQUENCY: 1490 Kc. POWER: 250 waits.
OWNED BY: Oklahoma Press Pub. Co. OPERATED BY: Same. BUSINESS ADDRESS:
P. O. Box 1512. PHONE: 302. STUDIO ADDRESS: Barnes Bidg. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to
12:00 Midnight. NEWSPAPER AFFILIATION:
Muskogee Daily Phoenix, Muskogee TimesDemocrat. NEWS SERVICE: Associated Press.
TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

Vice-President	Tam Bixby, Jr.
General Manager	O. C. Benjamin
Program Director	Mark Weaver
Chief Announcer	Jack Black
Chief Engineer	Lester Harlow
<b>A</b>	

 Coverage

 Population—Primary
 371,000

 Radio Homes—"
 53,000

Source: Mail response analysis.

Representative
The Branham Co.

# WNAD

FREQUENCY: 690 Kc. POWER: 1000 watts. OWNED BY: University of Oklahoma. OPERATED BY: University of Oklahoma (extension division). BUSINESS ADDRESS: University of Oklahoma. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Shares time.

#### Personnel

Station	Director	Homer	Heck
Director	of Production		Leake
Chief E	ngineer	Clyde	Farrar
	(Non-Commercial	Station)	

### K O M A

OKLAHOMA CITY—EST. 1932 (as KFIF—1923)

COLUMBIA BROADCASTING SYSTEM OKLAHOMA METROPOLITAN LINE

FREQUENCY: 1520 Kc. POWER: 5,000 Watts. OWNED BY: KOMA, Inc. OPERATED BY: Same. BUSINESS ADDRESS: Biltmore Hotel. PHONE: 2-3291-2-3. STUDIO ADDRESS: Biltmore Hotel. TRANSMITTER LOCATION: 7½ miles north of Oklahoma City. TIME ON THE AIR: 6:00 A.M. to Midnight (daily): 8:00 A.M. to Midnight (Sunday). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System. MAINTAINS ARTISTS' BUREAU.

President J. T. Griffin
Station Manager Neal Barrett
Commercial Manager Jack Howell
Director of Promotion Raymond Ruff
Program Director Jack Mitchell
Accountant Marie Green
Musical Director Paul Christenson
Chief Engineer M. W. Thomas

#### Coverage

Source: Mail response and field intensity survey; 1939 Consumer Market Data Handbook.

\*\*Representative\*\*

Free & Peters, Inc.

### KOCY

#### OKLAHOMA CITY—EST. 1923

FREQUENCY: 1340 Kc. POWER: 250 waits. OWNED BY: Plaza Court Broadcasting Co. OPERATED BY: Plaza Court Broadcasting Co. BUSINESS ADDRESS: Plaza Court. STUDIO ADDRESS: Same. TRANSMITTER LOCATION. Same. TIME ON THE AIR: 115½ hours weekly. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Lang-Worth, Associated, C. P. MacGregor, Standard Radio.

#### Personnel

President	John D. Thomas
Manager	H. Bonnebrake
Commercial Manager	Joe Bernard
Program Director	Louis Hartm <b>a</b> n
Publicity Director	Warren Moore
Chief Announcer	Ted Andrews
Musical Director	. Francis Lester
Chief Engineer	G. W. Brock
~	

Coverage

2.520.5	-	
	Daytime	Evening
Population-Primary	352,507	352,507
Radio Homes— "	72.511	72,511
Source: Field strength s	urvey.	

### KTOK

#### OKLAHOMA CITY—EST. 1927

NBC-BLUE

MUTUAL—OKLAHOMA NETWORK
FREQUENCY: 1400 Kc. POWER: 250 watts.
OWNED BY: Oklahoma Broadcasting Co., Inc.
OPERATED BY: Same. BUSINESS ADDRESS:
1800 W. Main. PHONE: 3-8352-3. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M.
to 12:00 Midnight. NEWS SERVICE: United
Press. TRANSCRIPTION SERVICE: Standard
Radio, Lang-Worth.

#### 

Station	Manager	Kenyon M. Douglass
Progra	m Director	
Produ	tion Manager-Publ	icity Director,
		Paul Buenning
Chief	Announcer	
Chief	Engineer	Bernard Tullius

Coverage

Population—Primary .....

Radio H	omes-	- <b>"</b>	<i>.</i>	. 1	14,200
Source:	Mail	response	survey;	Joint	Com-
wittee	D		. + + :	_	

Arthur H. Hagg & Associates

### WKY

OKLAHOMA CITY—EST. 1928

NATIONAL BROADCASTING COMPANY

FREQUENCY: 930 Kc. POWER: 5000 watts.

OWNED BY: Oklahoma Publishing Co. OP-

ERATED BY: WKY Radiophone Co. BUSINESS ADDRESS: Skirvin Tower Hotel. PHONE: 3-4306. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Nine miles out on highway No. 66. TIME ON THE AIR: 6:00 A.M. to Midnight. NEWSPAPER AFFILIATIONS: The Daily Oklahoman, Oklahoma City Times. NEWS SERVICE: Associated Press (Non-Commercial): Chicago Daily News Foreign Service. TRANSCRIPTION SERVICES: NBC Thesaurus, Standard Radio, C. P. MacGregor.

#### Personnel

President	F V Carland
Secretary-Treasurer	Edgar T. Bell
Station Manager	Gayle V. Grubb
Commercial Manager	R. E. Chapman
Local Sales Manager	E. L. Colbourn
Program Director	Ray Buffum
Special Events Director	Terry O'Sullivan
News Editor-Publicity Director.	. Robert Eastman
Traffic Manager	Daryl McAllister
Musical Director.	Allan Clark
Chief Engineer	Herman Lovell

#### Coverage

	Daytime	Evening
Population—Primary	1,533.392	942,547
Radio Homes— "	314,842	146,401
Population—Secondary	401,500	
Radio Homes— "	68,900	

Source: Field strength survey: mail response analysis; U. S. Census; Joint Committee.

#### Representative

The Katz Agency

### KHBG

OKMULGEE-EST. 1937

FREQUENCY: 1240 Kc. POWER: 250 waits. OWNED BY: Okmulgee Broadcasting Corp. OPERATED BY: Okmulgee Broadcasting Corp. BUSINESS ADDRESS: McCulloch Bldg. PHONE: 3646. STUDIO ADDRESS: McCulloch Bldg. TRANSMITTER LOCATION: 20th and S. Okmulgee Sts. TIME ON THE AIR: Unlimited license. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesgurus.

#### Personnel

President-Manager	Pat Buford
Secretary-Treasurer and Co	ommercial
Manager	Lucille Buford
Chief Engineer	J. H. Smith
Covera	ıge
Population—Primary	158,000
Radio Homes- "	
Population—Secondary	409,500
Radio Homes-"	82,000

### WBBZ

Source: Station survey.

PONCA CITY—EST. 1928

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Estate of C. L. Carrell. OPERATED

561.010

65,400

BY: Adelaide Lillian Carrell, Executrix. BUSINESS ADDRESS: 615 West Grand Ave. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Ponca City. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

#### Personnel

Managing Director	Carrell	
Commercial ManagerFrank	. Lynch	
Program DirectorBob	Latting	
Coverage		
Population—Primary	420,000	

### KGFF

#### SHAWNEE-EST. 1930

NATIONAL BROADCASTING CO. MUTUAL and OKLAHOMA NETWORK

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: KGFF Broadcasting Co., Inc. OPERATED BY: KGFF Broadcasting Co., Inc. BUSINESS ADDRESS: Aldridge Hotel. PHONE: 4390. STUDIO ADDRESS: Aldridge Hotel. TRANSMITTER LOCATION: Shawnee Country Club. TIME ON THE AIR: 7:00 A.M. to midnight. NEWSPAPER AFFILIATIONS: Shawnee Morning News, Shawnee Evening Star, Stauffer Publications, Inc. NEWS SERVICE: Associated Press.

President.....Oscar Stauffer Secretary-Treasurer and General Manager,

Joseph W. Lee
Commercial Manager. Weldon Stamps
Chief Announcer. Frank Jackson
Publicity Director Maxine Eddy
Chief Engineer. John Molloy

#### Coverage

Population—Primary 437.563 179.931
Radio Homes— 89.250 34.040
Source: Joint Committee: U. S. Census: field

Source: Joint Committee; U. S. Census: intensity measurements.

### Representative Arthur H. Hagg & Associates

### KOMF

TULSA-EST, 1938

NATIONAL BROADCASTING CO. MUTUAL BROADCASTING SYSTEM— OKLAHOMA NETWORK

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: Oil Capital Sales Corp. OPERATED BY: Oil Capital Sales Corp. BUSINESS ADDRESS: Radio Bldg., 910 S. Boston. PHONE: 3-4121. TRANSMITTER LOCATION: 3904 S. Newport, Tulsa. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

President	Harry Schwartz
General Manager	John M. Whitney
Commercial Manager	Harold Grimes
Program Director	Ken Linn
Sales Promotion Manager	Ray E. Sollars
Chief EngineerJo	ımes F. Manship

Representative

Arthur H. Hagg & Associates

### KTUL

TULSA—EST. 1934

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1430 Kc. POWER: 5000 waits. OWNED BY: J. T. Griffin. OPERATED BY: Tulsa Broadcasting Co., Inc. BUSINESS ADDRESS: National Bank of Tulsa Bidg. PHONE: 2-3191. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Route No. 8, Tulsa. TIME ON THE AIR: 125 hours weekly. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated. MAINTAINS ARTISTS' BUREAU.

Manager ...... Wm. C. Gillespie
Commercial Manager ..... Lawson Taylor
Promotion & Publicity

Jack Hoffman
Production Manager Carlyle Stevens
Chief Announcer Eddie Lyon
Musical Director Lillian Smithline
Chief Engineer Nathan Wilcox

#### Coverage\*

 Population—Primary
 682,600†

 Radio Homes—"
 138,424†

 Population—Secondary
 1,321,374¢

 Radio Homes—"
 297,300¢

\*No evening figures available; station has been granted power increase.

†Within .5 Millivolt area.

#Regular listening area.

Source: Field intensity measurements: Department of Commerce.

#### Representative

Free & Peters, Inc. (See Page 526)

### KVOO

TULSA—EST. 1926

NATIONAL BROADCASTING COMPANY FREQUENCY: 1170 Kc. POWER: 50,000 Watts. OWNED BY: Southwestern Sales Corp. OPERATED BY: Southwestern Sales Corp. BUSINESS ADDRESS: Philtower Bldg. PHONE: 2-2254. STUDIO ADDRESS: Philtower Bldg. TRANSMITTER LOCATION: 11 miles east of Tulsa. Highway 66. TIME ON THE AIR: 127 hours weekly. NEWS SERVICES: Interna-

#### OKLAHOMA-OREGON

tional News Service, United Press. TRAN- SCRIPTION SERVICES: World Broadcasting
System. MAINTAINS ARTISTS' BUREAU.
BUREAU. Personnel
PresidentP. Q. Proctor
Vice President-General
Manager
Commercial Manager Willard Egolf
Promotion ManagerGeorge Engleter
Program Director-Artists' Bureau Head.
Edward C. Coontz
Chief AnnouncerLou Kemper
News EditorG. Kenneth Miller
000

Continuity EditorF. M. Randolph		
Director of Women's Activities Dorothy McCune		
Musical DirectorJoe O'Neill		
Publicity DirectorAllan Page		
Chief EngineerL. W. Stinson		
Coverage		
Population—Primary 2,184.058		

Radio Homes— " ..... Radio Homes— " ..... Source: Joint Committee.

Representative Edward Petry & Company

# OREGOR

Population 1,089,684 Number of Families 335,944 Number of Radio Homes 320,780 Auto Registrations 396,126

For 1940 Census data, please turn to page 274

ALBANY-EST, 1940 MUTUAL BROADCASTING SYSTEM

DON LEE BROADCASTING SYSTEM FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Central Williamette Broadcasting Co. OPERATED BY: Same. BUSINESS AD-DRESS: Albany. STUDIO ADDRESS: 15th and Elm Sts. PHONE: 870. TRANSMITTER LOCA-TION: Same. TIME ON THE AIR: 17 hours daily. NEWSPAPER AFFILIATION: Albany Democrat-Herald. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: C. P. Mac-

Personnel President. Station and Commercial Manager,

Gregor.

Chet Wheeler

Program Director-Chief Announcer, Ben T. Weaver Chief Engineer . . . 

Coverage

Population—Primary ..... 60.000 Population—Secondary Source: Station survey; 1940 U. S. Census.

### KAST

ASTORIA—EST, 1935

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Astoria Broadcasting Co. OPER-ATED BY: Astoria Broadcasting Co. BUSINESS ADDRESS: 1006 Taylor Ave. PHONE: 95. STU-DIO ADDRESS: 1006 Taylor Ave. TRANSMIT-TER LOCATION: 1006 Taylor Ave. TIME ON THE AIR: 7:00 A.M. to 8:30 P.M. NEWSPAPER AFFILIATION: Astorian-Budget. TRANSCRIP-TION SERVICE: Standard Radio.

#### Personnel

Station Manager..... James C. Wallace Commercial Manager.....Frank E. Marrion

Representatives Walter Biddick Co.

### BKR

BAKER-EST, 1939

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Louis P. Thornton. OPERATED BY: Same. BUSINESS ADDRESS: Baker Loan & Trust Co. Bldg. STUDIO ADDRESS: Baker Loan & Trust Co. Bldg. TRANSMITTER LOCA-TION: East "H" St. TIME ON THE AIR: 6:30 P.M. to 10:00 P.M.; Sundays. 9:00 A.M. to 8:00 P.M. TRANSCRIPTION SERVICE: C. P. MacGregor. Personnel

..... Louis P. Thornton Resident Manager.....Eilwood W. Lippincott Sales Manager ..... Fred H. Pelger

BEND—EST. 1938

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: The Bend Bulletin. OPERATED BY: The Bend Bulletin. BUSINESS ADDRESS: 1121 Wail St. PHONE: 848. STUDIO ADDRESS: TRANSMITTER LOCATION; TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. NEWSPAPER AFFILIATION: The Bend Bulletin. NEWS SERVICE: United Press. TRANSCRIP-TION SERVICE: NBC Thesaurus.

#### Personnel

Station ManagerFrank H. Loggan
Commercial ManagerChet Wheeler
Chief Technician

#### Coverage

	Daylime	Evening
Population—Primary	20,000	20,000
Radio Homes- "	4,300	4,300
Population—Secondary	15,000	15,000
Radio Homes- "	3,000	3,000
Source: U. S. Census; Joint Committee.		

### KOAC CORVALLIS—EST. 1922

FREQUENCY: 550 Kc. POWER: 5000 watts, d.: 1000 watts, n. OWNED BY: Oregon State Agricultural College. OPERATED BY: Oregon State Agricultural College. BUSINESS ADDRESS: Corvallis. STUDIO APDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 9:00 A.M. to 9:00 P.M.

#### Personnel

Director	Luke L.	Roberts
Chief Engineer	Grant S.	Feikert
(Nan Cammoraia) St.	-4:0-1	

### KODL

THE DALLES-EST. 1940

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Western Radio Corp. OPERATED BY: Western Radio Corp. BUSINESS ADDRESS: Scenic Drive. PHONE: 2300. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 102 hours weekly. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU.

#### Personnel

President-Station Manager,

V. Barney Kenworthy

Commercial and Sales Promotion Manager,
Glenn Howell

Program Director-Chief Announcer.

#### Coverage

	Daytime	Evening
Population—Primary	20,000	16,000
Radio Homes— "	96.2°。	96.2°。
Population—Secondary	80,000	25,000
Radio Homes— "	96.2°	96.2°
Source: Station estimate:	ate; Joint Committee.	

### KORE

EUGENE-EST. 1927

MBS—DON LEE BROADCASTING SYSTEM FREQUENCY: 1450 Kc. POWER: 250 waits. OWNED BY: Frank L. Hill & C. G. Phillips. OPERATED BY: Eugene Broadcast Station. BUSINESS ADDRESS: Route 2. STUDIO ADDRESS: Some, TRANSMITTER LOCATION: Eugene. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: C. P. MacGregor.

#### Personnel

Owner	Frank L. Hill
Station Manager	Glenn McCormick
Program-Publicity Director	Day Foster
Chief Announcer	Dolf James
Chief Engineer	Harold Gander

#### Coverage

B 1 B .	
Population—Primary	95,748
Radio Homes— "	20,100
Population—Secondary	39,220
Radio Homes— "	6,239

Source: Station survey.

#### Representative

John Blair & Co.

### KUIN

#### GRANTS PASS-EST. 1939

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: Southern Oregon Broadcasting Co. OPERATED BY: Southern Oregon Broadcasting Co. BUSINESS ADDRESS: P. O. Box 43. STUDIO ADDRESS: Redwood Highway. TRANSMITTER LOCATION: Redwood Highway. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. NEWSPAPER AFFILIATION: Grants Pass Courier. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICES: World Program Service, C. P. MacGregor.

#### Personnel

President	<b>A</b> .	E. 1	Voorhies
Manager	John	G. B	auriedel
Production Manager	Dic	k Th	nompson
Musical Director	H	arold	l Keibel
Chief Engineer	Edward	ı A.	Malone

#### Coverage

	Daytime	Evening
Population Primary	62.413	31,500
Radio Homes- "	17.770	8,600
Source: Mail response s	urvey.	

Representative

John Blair & Co.

### KĖJI

#### KLAMATH FALLS—EST. 1928

FREQUENCY: 1240 Kc. POWER: 250 waits.
OWNED BY: KFJI Broadcasters, Inc. OPERATED BY: Same. BUSINESS ADDRESS:
Willard Hotel Bldg. PHONE: 2125. STUDIO
ADDRESS: Same. TRANSMITTER LOCATION.
Same. TIME ON THE AIR: 7:00 A.M. to 10:00
P.M. TRANSCRIPTION SERVICES: World
Broadcasting System.

#### Personnel

#### Representative

John Blair & Co.

### KLBM

LA GRANDE-EST. 1937

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Harold M. Finlay. OPERATED BY: Harold M. Finlay. BUSINESS ADDRESS: 1120<sup>1</sup>/<sub>2</sub> Adams Ave. PHONE: 220. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Near La Grande. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

#### Representative

Cox & Tanz

Walter Biddick Co. (Pacific Coast)

### K O O S

MARSHFIELD-EST. 1928

MBS-DON LEE BROADCASTING SYSTEM PREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: KOOS, Inc. OPERATED BY: KOOS, Inc. BUSINESS ADDRESS: Hall Bidg. PHONE: 432, 433. STUDIO ADDRESS: Hall Bidg. TRANSMITTER LOCATION: Hall Bidg. TIME ON THE AIR: 7:00 A.M. to 10:30 P.M. (PST). NEWSPAPER AFFILIATION: Coos Bay Times. NEWS SERVICE: United Press.

#### Personnel

President	Sheldon F. Sackett
General Manager	Ben E. Stone
Commercial Manager	A. Thomas Morris
Sales Manager	Mark DeLaunay
Program-Publicity Directo	or. Francis Waterbury
Chief Announcer and Er	gineer,

Roger L.	Spaugh
Coverage	
Population—Primary	49,200
Radio Homes— "	12,700
Population—Secondary	
Radio Homes— "	30,900
Source: Station survey.	

### KMED

MEDFORD—EST. 1926
NATIONAL BROADCASTING CO.
(RED OR BLUE)

FREQUENCY: 1440 Kc. POWER: 1000 watts. OWNED BY: Mrs. W. J. Virgin. OPERATED BY: Mrs. W. J. Virgin. BUSINESS ADDRESS: Sparta Bldg., Main and Riverside. PHONE: 305. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Ross Lane. TIME ON THE AIR: Full Time License (95 hours weekly). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

Commercial Manager	L. P. Bishop
Sales Manager	A. A. Adler
Program Director	.Gladys La Marr
Chief Engineer	D. H. Rees

### KALE

PORTLAND-EST. 1924

MUTUAL-DON LEE BROADCASTING SYSTEM PACIFIC BROADCASTING CO.

FREQUENCY: 1339 Kc. POWER: 5000 watts. OWNED BY: KALE, Inc. OPERATED BY: Same. BUSINESS ADDRESS: New Heathman Hotel. PHONE: At. 7293. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Sylvan. TIME ON THE AIR: 6:30 AM. to 12:00 Midnight. NEWSPAPER AFFILIATION: The Oregon Journal. NEWS SERVICE: International News Service. United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Lang-Worth, World Broadcasting System, and Associated Recorded Program Service.

#### Personnel

President	Roy Hunt
Vice-President S.	R. Winch
Secretary-TreasurerC.	W. Myers
Commercial Manager Ted	Kooreman
Director of Commercial Relations,	

Harry H. Buckendahl
Sales Manager. Charles Couche
Program Director. H. M. Swartwood, Jr.
Production Manager Ted W. Cooke
Publicity Director. Lester Halpin
Chief Engineer. Louis Bookwalter

Coverage

	Daytime	Evening
Population—Primary	600,000	600,000
Radio Homes- "	141,000	141,000
Population—Secondary	200,000	200,000
Radio Homes- "	45,000	47,000
Source: Mail response a	nalysis.	

Representative
Free & Peters, Inc.

### KBPS

#### PORTLAND—EST. 1923

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Student Body Benson Polytechnic School. OPERATED BY: Same. BUSINESS ADDRESS: 546 N. E. 12th Ave. PHONE: LA 4195. STUDIO ADDRESS: Same. TRANS-MITTER LOCATION: Same. TIME ON THE AIR: 11:00 A.M. to 1:00—3:00 to 5:00 P.M. (each school day).

#### Personnel

Station Manager	William Allingham
Agent	R. T. Stephens
Program Director	Hazel Kenyon
Chief Engineer	Fred Miller

(Non-Commercial Station)

### KEX

#### PORTLAND—EST. 1926

NBC (Blue Network)—NORTHWEST TRIANGLE FREQUENCY: 1190 Kc, POWER: 50,000 Watts, OWNED BY: Oregonian Pub. Co. (Lessee). OPERATED BY: Oregonian Pub. Co. BUSINESS ADDRESS: The Oregonian Bldg., 6th and Alder Sts. PHONE: Atwater 2121. STUDIO ADDRESS: 801 Oregonian Bldg., TRANSMITTER LOCATION: North Portland. TIME ON THE AIR: (daily) 6:00 A.M. to 12:30 P.M.; Sunday, 8:00 A.M. to 12:30 P.M. NEWS-PAPER AFFILIATIONS: The Oregonian. NEWS SERVICES: International News Service. TRANSCRIPTION SERVICE: NBC Thesaurus. MAINTA!NS ARTISTS' BUREAU.

#### Personnel

Station Manager	W. Carey Jennings
Sales Manager	Paul H. Connet
Traffic Manager	Ralph Greer
Program Director	
Artists' Bureau Head	Stephen M. Janik
Sales Promotion Manager.	Paul H. Connet
Chief Announcer	Donald M. Kneass
Musical Director	Abe Bercovitz
Chief Engineer	Harold Singleton

#### Coverage

	Daytime	Evening
Population—Primary	799,383	815,200
Radio Homes— "	195,210	199,743
Population—Secondary	297,952	<b>5</b> 62,325
Radio Homes— "	72,260	137,320

Source: Joint Committee: NBC Circulation figures. **Representative** 

Edward Petry & Co., Inc.

# KĠW

#### PORTLAND—EST. 1922

NBC (Red Network)—NORTHWEST TRIANGLE FREQUENCY: 620 Kc. POWER: 5000 watts. OWNED BY: Oregonian Pub. Co. OPERATED BY: Oregonian Pub. Co. BUSINESS ADDRESS: The Oregonian Bldg. 6th & Alder Sts. PHONE: Atwater 2121. STUDIO ADDRESS: 801 Oregonian Bldg. TRANSMITTER LOCATION: North Porlland. TIME ON THE AIR: (daily) 6:00 A.M. to Midnight: (Sunday) 8:00 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATION: The Oregonian. NEWS SERVICES: International News Service. TRANSCRIPTION SERVICE: NBC Thesaurus. MAINTAINS ARTISTS' BUREAU.

#### Personnel

	•
Station Manager	. Carey Jennings
Sales Manager	.Paul H. Connet
Traffic Manager	Ralph Greer
Program Director	
Artists' Bureau Head	Stephen M. Janik
Musical Director	Abe Bercovitz
Sales Promotion Manager	Paul H. Connet
Chief Engineer	Harold Singleton

#### Coverage

	Daytime	Evening
Population—Primary	922,565	724,569
Radio Homes— "	225,290	176,940
PopulationSecondary	269,248	356,717
Radio Homes— "	65,750	87,110
Source: Joint Committee	; NBC C	irculation
figures.		

#### Representative

Edward Petry & Co., Inc.

### KOIN

#### PORTLAND—EST. 1925

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 970 Kc. POWER: 5000 watts. OWNED BY: KOIN, Inc. OPERATED BY: KOIN, Inc. BUSINESS ADDRESS: New Heathman Hotel. PHONE: Atwater 3333. STUDIO ADDRESS: New Heathman Hotel. TRANSMITTER LOCATION: Sylvan. TIME ON THE AIR: 6:00 A.M. to midnight. MAINTAINS ARTISTS' BUREAU. NEWSPAPER AFFILLATION: The Oregon Journal. NEWS SERVICE: United Press, International News Service. TRANSCRIPTION SERVICES: Associated Music Publishers, World Program Library, Lang-Worth Public Domain.

#### Personnel

President
Station Manager
Sales and Promotion ManagerC. E. Couche
Artists' Bureau HeadJohnnie Walker
Director of Public RelationsArt Kirkham
Director of Public Affairs John Carpenter
Director of Commercial Relations,

Program Director H. M. Swartwood, Jr.
Publicity Director Lester Halpin
Musical Director Joseph Sampietro
Technical Director Louis Bookwalter

#### Coverage

Population—Primary	828,600
Radio Homes "	249,240
Population Secondary	1,197,980
Radio Homes "	342,280
O	

Source: Station survey.

#### Representative

Free & Peters, Inc.
World Broadcasting System

# KŴJJ

#### PORTLAND—EST. 1927

FREQUENCY: 1080 Kc. POWER: 1000 watts. OWNED BY: KWJJ Broadcasting Co., Inc. OPERATED BY: KWJJ Broadcasting Co., Inc. BUSINESS ADDRESS: 622 S. W. Salmon St. PHONE: Atwater 4393-4. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Oaks Park, Portland, Ore. TIME ON THE AIR: 6:00 A.M. to local sunset—9:00 P.M. to 3:00 A.M. NEWS SERVICE: United Press.

#### Personnel

President Wilbur J. Jerman
Secretary-Treasurer & General
Manager John C. Egan
Commercial Manager L. D. Henderson
Program Director Gerald E. Speerstra
Production Manager Frank Hemingway
Publicity Director Sam Taylor
Musical Director Eddie McElroy
Chief Engineer W. J. Jerman

#### Representative

Cox & Tanz

### KXL

#### PORTLAND—EST. 1926

FREQUENCY: 1450 Kc. POWER: 250 waits. OWNED BY: KXL Broadcasters. OPERATED BY: Same, BUSINESS ADDRESS: KXL Bldg. PHONE: Broadway 6451. STUDIO ADDRESS: KXL Bldg. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: C. P. MacGregor, Lang-Worth, Standard Radio, Davis & Schwegler

#### Personnel

President and General
Manager T. W. Symons, Jr.
Commercial Manager
Program DirectorStuart Hannon
Chief Engineer
Coverage

### KRNR

#### ROSEBURG—EST. 1935 MUTUAL—DON LEE

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: News Review Co. OPERATED BY: Same. BUSINESS ADDRESS: Hotel Umpqua. PHONE: No. 4. STUDIO ADDRESS: Hotel Umpqua. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. (unlimited license). NEWSPAPER AFFILIATION: Roseburg News Review. NEWS SERVICE: Associated Press.

#### Personnel

President
General Manager
Sales Manager-Chief Announcer Max Frye
Program-Musical DirectorGilbert Walters
Production ManagerBill Thomas
Chief Engineer

#### Coverage

Population—Primary	 80,843
Radio Homes— "	 16,650
	 ~

Source: Field intensity survey; U. S. Census.

### KSLM

SALEM—EST, 1934

MBS-DON LEE BROADCASTING SYSTEM PACIFIC BROADCASTING CO.

FREQUENCY: 1390 Kc. POWER: 1000 watts. OWNED BY: Oregon Radio, Inc. OPERATED BY: Oregon Radio, Inc. BUSINESS ADDRESS: 633 N. Front St. PHONE: 6131. STUDIO ADDRESS: 633 N. Front St. TRANSMITTER LOCATION: 633 N. Front St. TIME ON THE AIR: 630 A.M. to 11:30 P.M.; Sunday, 8:00 A.M. to 11:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: C. P. MacGregor.

#### Personnel

President General Manager H. B. Read
Sales Promotion ManagerEarle W. Headrick
Program Director
Publicity Director
Chief AnnouncerThomas Nelson
Chief Engineer

#### Coverage

Population—Primary	86,000
Radio Homes— "	17,000
Population—Secondary	100,000
Radio Homes— "	19,000

Source: Station survey.

Representative
John Blair & Co.

260

ISSUES

A YFAR

ON THE

DESKS OF

ALL RADIO

**EXECUTIVES** 

RADIO DAILY

# PENNSYLVANIA

Population 9,900,180

Number of Radio Homes 2,262,760

Number of Families 2,514,736

Auto Registrations 2,142,282

For 1940 Census data, please turn to page 274

### WCBA-WSAN

ALLENTOWN—EST. 1923

NBC (Red and Blue)

QUAKER NETWORK—PENNSYLVANIA NETWORK

FREQUENCY: 1470 Kc. POWER: 1000 watts. OWNED BY: Lehigh Valley Broadcasting Co. OPERATED BY: Lehigh Valley Broadcasting Co. BUSINESS ADDRESS: 39 N. 10th St. PHONE: 9511. NEW YODK OFFICE: 30 Rockefeller Plaza, New York, N. Y. PHONE: Circle 7-0228. STUDIO ADDRESS: 39 N. 10th St. TRANS-MITTER LOCATION: North 7th St. Highway. TIME ON THE AIR: 7:37 A.M. to Midnight. NEWSPAPER AFFILIATIONS: Chronicle and News, Allentown Morning Call. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICES: World Broadcasting System, Lang-Worth.

#### Personnel

General ManagerB. Bryan Mu	ısselman	
Program DirectorGeorge Y.	. Snyder	
Production Manager	e DePoe	
Chief Engineer		
Coverage		
Population—Primary	343,859	
Radio Homes— "	61,000	
Population—Secondary	917,000	

Source: Mail response analysis.

300,000

Radio Homes— "

ALTOONA-EST, 1924

NATIONAL BROADCASTING CO.

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: The William F. Gable Co. OP ERATED BY: The Gable Broadcasting Co. BUSI NESS ADDRESS: 1320 Eleventh Ave. PHONE:

# MASON DIXON RADIO GROUP

One of the Best "Spot Buys" in Radio Every Station In A Good Market!

WDEL Wilmington, Del.

WORK York, Penna.

WGAL Lancaster, Penna.

WKBO Harrisburg, Penna.

WAZL Hazleton, Penna.

WEST Easton, Penna.

WILM Wilmington, Del.

Address: 8 B est King Street, Lancaster, Pennsylvania

Represented Nationally PAUL H. RAYMER CO.

New York • Chicago • San Francisco • Los Angeles

#### PENNSYLVANIA

6467. STUDIO ADDRESS: Gable Arcade Bldg. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 8:00 A.M. to 10:00 P.M. MEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

Managing Director......Roy Thompson
Chief Engineer......George Burgoon
Note: Commercial department is directed by
the Managing Director.

#### Coverage

	Daytime	Evening
Population-Primary	108.300	108,300*
Radio Homes- "	106,870	106.870
Population-Secondary	450,000	450,000
Families.		

Source: Station survey: Chamber of Commerce.

### Representative Headley-Reed Co.

### WCED\*

DU BOIS-EST. 1941

FREQUENCY: 1230 Kc. POWER: 250 walts. OWNED BY: Tri-County Broadcasting Co. OPERATED BY: Tri-County Broadcasting Co. BUSINESS ADDRESS: Du Bois. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited license. NEWSPAPER AFFILIATION: Du Bois Courier Express.

#### Personnel

President H. Vice-President W.	
SecretaryJason	S. Grey
TreasurerL. F.	Mohney
Station ManagerBen	

\*Station was licensed to operate under a construction permit at time of going to press and no further information was available.

### WEST

#### EASTON-EST. 1936

MUTUAL BROADCASTING SYSTEM MASON-DIXON GROUP

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Associated Broadcasters, Inc. OPERATED BY: Associated Broadcasters, Inc. BUSINESS ADDRESS: 516 Northampton St. PHONE: 8001. STUDIO ADDRESS: 516 Northampton St. TRANSMITTER LOCATION: Williams Township. TIME ON THE AIR: 7:00 a.m., to 1:00 a.m., NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Lang-Worth.

#### Personnel

Station	Executive	Clair R.	McCullough
Station	Manager	Elwood	C. Anderson

Program Manager ...... Wilbert Markle
Publicity Director ...... Pauline Davis

#### Coverage

	Daytime	Evening
Population—Primary	 644,620	472,263
Radio Homes—"	 144,543	106,377

Source: U.S. Census; Joint Committee; Field intensity measurements and mail response analysis.

### Representative Paul H. Raymer Co.

Paul II. Raymer Co.

### WERC \*

ERIE—EST. 1941

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Presque Isle Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Erie. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Erie. TIME ON THE AIR: Unlimited License.

#### Personnel

President Jacob A. Young
Secretary William P. Sengal
Treasurer B. Walker Sennett

\*Station was licensed to operate under a construction permit at time of going to press and no further information was available.

# WLEU

ERIE—EST. 1935 NBC—(BLUE)

PENNSYLVANIA NETWORK
QUAKER NETWORK

FREQUENCY: 1450 Kc. POWER: 250 waits. OWNED BY: WLEU Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Commerce Bldg., 12th & State Sts. PHONE: 22-129. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: (Daily) 7:00 a.m. to 12:00 midnight: (Sunday) 9:45 A M. to 12:00 P.M. (119 hours weekly). NEWS SERVICE: Transratio Press. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

President	Leo J. Omelian
General Manager	V. Hamilton Weir
Program Director	James Hamilton
Publicity Director	Raymond Boley
Chief Announcer	Kenneth Weber
Musical Director	Anthony Conti
Chief Engineer	narold Roess

#### Coverage

	Daytime	Evening
Population—Primary	400,000	250,000
Radio Homes—"	100,000	82.500
Source: Station survey.		

### WIBG

#### GLENSIDE-EST. 1925

FREQUENCY: 990 Kc. POWER: 1000 watts. OWNED BY: Seaboard Radio Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Corner Mt. Carmel Ave. & Easton Rd. PHONE: Ogontz 3100 & Majestic 2675. STUDIO ADDRESS: Same. SALES OFFICE: 428 Perry Bldg., Philadelphia, Pa. PHONE: Rittenhouse 9182. TRANSMITTER LOCATION: Chentenham Township, Montgomery County, Pa. TIME ON THE AIR: 7:00 A.M. to local sunset. NEWS SERVICE: United Press.

#### Personnel

PresidentPaul F.	Harron
Vice-President-Manager Edward D	. Clery
Secretary-Treasurer Katharine A.	Harron
Program DirectorDouglas	Arthur
Production Manager-Musical Director,	
Douglas	Arthur

Publicity Director......Rupe Werling
Chief Engineer .......John H. Henninger

#### Coverage

Population—Primary	3,000,000
Radio Homes— "	691,000
Population—Secondary	5,500,000
Radio Homes— "	1,330,000

Source: Station survey.

### WHJB

#### GREENSBURG-EST. 1934

FREQUENCY: 620 Kc. POWER: 250 Watts. OWNED BY: Pittsburgh Radio Supply House. OPERATED BY: Pittsburgh Radio Supply House. BUSINESS ADDRESS: 128 Pennsylvania Ave. PHONE: 3740. STUDIO ADDRESS 128 Pennsylvania Ave. TRANSMITTER LOCATION: 128 Pennsylvania Ave. TIME ON THE AIR: 7:00 A.M. to local sunset.

#### Personnel

President	H. J. Brenner
Station Manager	George J. Podeyr
Chief Engineer	Walter McCoy
Coverag	e

 Population—Primary
 4.494.652

 Radio Homes—"
 992.110

 Source: U. S. Census: Joint Committee.

Representative

William G. Rambeau Co.

### WSAJ

#### GROVE CITY-EST, 1922

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: Grove City College. OPERATED BY: Grove City College. BUSINESS ADDRESS: Hall of Science. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 4:30 p.m. to 5:30 p.m., Sundays; 7:15 p.m. to 8:45 p.m., Tuesdays and Thursdays.

#### Personnel

President	. Ketler
Station Manager	Tarmon
Program DirectorRea G.	Walters
(Non-Commercial Station)	

### WHP

### HARRISBURG—EST. 1924 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1460 Kc. POWER: 5000 watts, d.: 1000 watts, n. OWNED BY: WHP, Inc. OPERATED BY: WHP, Inc. BUSINESS ADDRESS: Telegraph Bldg. PHONE: 4-3211. STUDIO ADDRESS: Telegraph Bldg. TRANSMITTER LOCATION: Paxtang, Pa. TIME ON THE AIR: (daily) 6:30 a.m. to 1:00 a.m., (Sunday) 9:00 a.m. to 1:00 a.m., NEWS SERVICE: Transradio Press. NEWSPAPER AFFILIATION: The Harrisburg Telegraph. TRANSCRIPTION SERVICE: Lang-Worth, Standard Radio.

#### Personnel

Station Manager	Reamona
Sales Promotion-Publicity	
ManagerDick	Redmond
Local Sales RepresentativeR. A.	. Maxwell
Production DirectorE.	K. Smith
Chief EngineerR. S	S. Duncan

#### Representative

### John Blair & Co.

### WKBO

HARRISBURG-EST. 1927

NBC—MBS—MASON-DIXON GROUP FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Keystone Broadcasting Corp. OPERATED BY: Keystone Broadcasting Corp. BUSINESS ADDRESS: 31 North Second St. PHONE: 4-0191. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Third & Walnut Sts. TIME ON THE AIR: 7:00 a.m. to 1:00 a.m. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

Station Executive	Clair	McCullough
Station Manager		.C. G. Moss
Program Director	Do	vid Bennett

#### Coverage

	Daytime	Evening
Population—Primary	726,871	311,977
Radio Homes— "	145,633	66,261
Course, II C Commun. Int.	^:1	

Source: U. S. Census; Joint Committee; field intensity measurements and mail response analysis.

#### Representative

Paul H. Raymer Co.

### WAZL

# HAZLETON—EST. 1932 MUTUAL BROADCASTING SYSTEM MASON-DIXON GROUP

FREQUENCY: 1450 Kc. POWER: 250 waits. OWNED BY: Hazleton Broadcasting Service. Inc. OPERATED BY: Hazleton Broadcasting Service, Inc. BUSINESS ADDRESS: Hazleton National Bank Bldg. PHONE: 1488. STUDIO ADDRESS: Hazelton National Bank Bldg. TRANSMITTER LOCATION: Hazelton National Bank Bldg. TIME ON THE AIR: 7:00 a.m. to 1:00 a.m. NEWS SERVICE: Transradio News. TRANSCRIPTION SERVICES: NBC Thesaurus and Lang-Worth.

#### Personnel

Station E	xecutiveClair R. McCulloug	h
Station M	anagerV. C. Diehr	n
Program	ManagerThomas Tit	0
Publicity	Director Kathryn Kahle	r

#### Coverage

	Daytime	Evening
Population—Primary	567,890	373,639
Radio Homes— "	116,813	71,015
Source: U. S. Census: Join	at Commit	tee: Field
intensity measurements a	nd mail	response
analysis.		•

#### Representative

Paul H. Raymer Company

### WJAC

JOHNSTOWN—EST. 1925 NATIONAL BROADCASTING CO.

FREQUENCY: 1400 Kc. POWER: 250 waits. OWNED BY: WJAC, Inc. OPERATED BY: WJAC, Inc. BUSINESS ADDRESS: Tribune Annex, Locust St. PHONE: 24-361. STUDIO ADDRESS: Tribune Annex, Locust St. TRANSMITTER LOCATION: Tribune Bldg., Locust St. TIME ON THE AIR: 7:30 A.M. to 11:30 P.M.; Sundays, 10:00 A.M. to 8:30 P.M. NEWSPAPER AFFILIATIONS: The Johnstown Tribune, The Johnstown Democrat. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: NBC Thesourus, Lang-Worth.

#### Personnel

President	V. Krebs
Station Manager	C. Tully
Program Director	P. Foster
Chief EngineerNevi	n Straub
Coverage	
Population—Primary	211,000
Radio Homes— "	40,800
Population—Secondary	258,400
Radio Homes— "	51,400

### Source: Field intensity measurements. Representative

Headley-Reed Co.

### WGAL

LANCASTER—EST. 1922

NBC (RED and BLUE)
MUTUAL BROADCASTING SYSTEM
MASON-DIXON GROUP

FREQUENCY: 1490 Kc. POWER: 250 waits. OWNED BY: WGAL, Inc. OPERATED BY: WGAL, Inc. OPERATED BY: WGAL, Inc. BUSINESS ADDRESS: 8 West King St. PHONE: 5252. STUDIO ADDRESS: 8 West King St. TRANSMITTER LOCATION: 8 West King St. TIME ON THE AIR: 7:00 a.m. to 1:00 a.m. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Davis & Schwegler, Lang-Worth.

#### Personnel

Station Executive	Clair R. McCullough
Station Manager	
Program Manager	Ernest Stanziola
Publicity Director	Ruth Hergenrother

#### Coverage

	Daytime-	Evening
Population—Primary	462,144	153,229
Radio Homes— "	108,329	35,425
Source: U. S. Census; Joi	nt Commi	ttee; field
intensity measurements as	nd mail	response
analysis.		

### Representative Paul H. Raymer Company

### WKST

NEW CASTLE—EST. 1938
OUAKER STATE NETWORK

FREQUENCY: 1280 Kc. POWER: 1000 waits. OWNED BY: WKST. Inc. OPERATED BY: WKST. Inc. OPERATED BY: WKST, Inc., BUSINESS ADDRESS: Cathedral Bidg. PHONE: 5050-5051. STUDIO ADDRESS: Cathedral Bidg., New Castle: Lawrence Ave., Ellwood; Westminster College, New Wilmington. TRANSMITTER LOCATION: Old Pittsburgh Rd. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight (119 hours weekly). NEWS SERVICE: Internation 11 News Service. TRANSCRIPTION SERVICE: NBC Thesaurus. MAINTAINS ARTISTS' BUREAU.

#### Personnel

President	S. W. Townsend
Station Manager	A. W. Graham
Commercial-Sales Promotion	Manager,
	Herbert S. Kirk
Publicity Director	Ray Wallace
Chief Announcer	Carl Bates
News Editor	Ken Eggleston
Chief Engineer	Robert Emch

#### Coverage

	Daytime	Evening
Population—Primary	922.791	352,013
Population—Secondary	3,391,018	322,441
Source: U. S. Census: fie	ld intensity	measure-
ments.		

### WKPA

#### NEW KENSINGTON-EST. 1940

FREQUENCY: 1150 Kc. POWER: 250 watts.

OWNED BY: Allegheny-Kiski Broadcasting Co.

OPERATED BY: Allegheny-Kiski Broadcasting
Co. BUSINESS ADDRESS: 810 Fifth Ave.

PHONE: 3533. STUDIO ADDRESS: Same.

TRANSMITTER LOCATION: Gassmere Heights.
East Deer Township. TIME ON THE AIR:
7:00 A.M. to local sunset. NEWS SERVICE:
United Press. TRANSCRIPTION SERVICE:
Lang-Worth.

#### Personnel

President
Station ManagerEd Kroen
Program DirectorWillard Fraker
Chief AnnouncerJames Williams
Chief Engineer Henry Mattingly

#### Representative

Cox & Tanz



### Allegheny-Kiski Broadcasting Co.

NEW KENSINGTON PENNSYLVANIA

250 W.

Right in the Heart of the Rich Industrial and Commercial Area

U. P. News Service

#### WKPA

Nat. Rep. COX & TANZ

### WIBG

#### PHILADELPHIA

(For station listing see Glenside, Pa.)

### KYW

#### PHILADELPHIA—EST. 1921

NATIONAL BROADCASTING CO. (RED)
FREQUENCY: 1060 Kc. POWER: 50,000
Watts. OWNED BY: Westinghouse Electric
& Mig. Co. OPERATED BY: Same. BUSINESS ADDRESS: 1619 Wainut St. PHONE:
Locust 3760. STUDIO ADDRESS: Same.
TRANSMITTER LOCATION: RFD No. 4. Norristown. TIME ON THE AIR: 5:00 A.M. to
1:00 A.M. (137 hours weekly). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel WESTINGHOUSE RADIO STATIONS

PresidentGeorge H. Bucher			
Vice-President			
Manager of Broadcasting Lee B. Wailes			
Assistant to Manager of Broadcasting, Joseph E. Baudino			
AuditorFrank A. Logue			
Advertising and Publicity Manager, George A. Harder			
Program SupervisorGordon Hawkins			
Sales ManagerGriffith Thompson			
Director of International Shortwave Activities, F. P. Nelson			
Assistant to AuditorFrancis C. Davis			
KYW PERSONNEL			
Station ManagerLeslie Joy			
Program ManagerJames P. Begley			
Sales PromAdvertising Manager			
L. B. Beeuwkes			
Sales ManagerB. A. McDonald			
Publicity Director			
Plant ManagerE. H. Gager			
Auditor-Personnel ManagerA. H. Bates			

#### Coverage\*

\*Station recently went to 50,000 watts and new coverage data was not available at time of going to press.

#### Representative

National Broadcasting Co.

# 

The only clear channel station covering the Philadelphia market. 50,000 watts in ALL directions

### WCAU

### PHILADELPHIA—EST. 1921 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1210 Kc. POWER: 50.000 watts. OWNED BY: WCAU Broadcasting Co. OPERATED BY: WCAU Broadcasting Co. BUSINESS ADDRESS: 1622 Chestnut St. PHONE: Locust 7700. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Newtown Square. TIME ON THE AIR: 20 hours daily. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

President and Station

resident and bidion	
Manager	Dr. Leon Levy
Commercial Manager	. Alex Rosenman
Director of Programs	Stan Lee Broza
Special Events and Promotion	Manager,
T_	sonh T Compaller

Joseph T. Connolly
Director of Copyrights ...... Peggy Lowrey
Publicity Director ..... Kenneth W. Stowman
Musical Director ..... Joey Kearns
Technical Director ..... John G. Leitch

#### Coverage

Population—Primary	5.037.000
Radio Homes— "	1,182,010
Population—Secondary	3,019,400
Radio Homes— "	642,620
Source: Station's personal interview	w survey.

#### Representatives

Robert A. Street, 485 Madison Ave., N. Y.
Bertha Bannon (Boston)
Virgil Reiter Co. (Chicago)
Paul H. Raymer Co. (San Francisco
& Los Angeles)

### WDAS

#### PHILADELPHIA-EST, 1922

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: WDAS Broadcasting Sta.. Inc. OPERATED BY: WDAS Broadcasting Sta., Inc. BUSINESS ADDRESS: 1211 Chestnut St. PHONE: Locust 7400—Race 7474. STUDIO ADDRESS: 1211 Chestnut St. TRANSMITTER LOCATION: Woodside Park. TIME ON THE AIR: 7:00 A.M. to Midnight. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Lang-Worth.

#### Personnel

President........Alexander W. Dannenbaum Vice-President-General Manager...P. J. Stanton Secretary-Treasurer & Commercial

Manager A. W. D	annenbaum, Jr.
Program Director	Harold Davis
Sales Promotion Manager	Jerry Stone
Musical DirectorJosey	ph Schribeman
Chief Engineer From	nk Unterberger

Coverage*	Daytime
Population—Primary	. 2,294,303
Radio Homes "	. 552,256
Population—Secondary	. 3,201,627
Radio Homes "	. 764,582
* Carthau Ann an Bassas manifesta	f

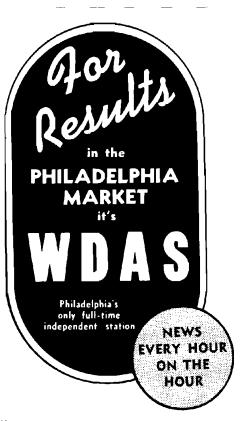
\* Station has no figures available for evening but estimates coverage is greater for evening.

Source: Field intensity survey; U. S. Census; Joint Committee.

### WFIL

PHILADELPHIA—EST. 1934
NATIONAL BROADCASTING CO. (BLUE)
OUAKER NETWORK

FREQUENCY: 560 Kc. POWER: 1.000 Watts. OWNED BY: WFIL Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Widener Bldg. PHONE: Rit. 6900. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 63rd & Schuylkill River. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICES: Associated.



# WRIL

# 1st or 2nd choice with PHILADRIPHIA LISTENERS

661/3% OF DAY & NIGHT

A survey of radio listening habits in the Philadelphia area

As reported by C. E. HOOPER, INC.

560 ON YOUR DIAL

NBC BLUE ● KEY STATION QUAKER NETWORK

REPRESENTED BY EDWARD PETRY & CO., INC.

#### Personnel

PresidentSamuel R. Rosenbaum
General ManagerRoger W. Clipp
Assistant General
ManagerFred Dodge
Sales ManagerJohn E. Surrick
Sales Promotion Manager William E. Caskey
Program DirectorJames Allen
Musical DirectorNorman Black
Acting Chief Engineer Arnold Nygren
Сомочна

Coverage

 Population—Primary
 3,906,514

 Radio Homes—"
 944,160

 Population—Secondary
 \*5,576,177

 Radio Homes—"
 \*1,336,760

\*Including Primary Area.

Source: Field strength survey: mail response analysis. **Representative** 

Edward Peiry & Co.

# WHAT PHILADELPHIA—EST. 1930

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: Philadelphia Record. OPERATED BY: Independence Broadcasting Co., Inc. BUSINESS ADDRESS: Hotel Philadelphia, 39th & Chestnut Sts. PHONE: Lombard 2390-1. STUDIO ADDRESS: Public Ledger Bldg., 7th & Chestnut Sts. TRANSMITTER LOCATION: Hotel Philadelphian. TIME ON THE AIR: Shares time—(45 hours weekly). NEWSPAPER AFFILIATION: Philadelphia Record. TRANSCRIPTION SERVICE: NAB Library.

#### Personnel

Presiden	t	Dα	vid	Stern
General	ManagerMilto	nc	Lau	ıghlin
Program	Director	Sa	m s	Serota

### WiP

#### PHILADELPHIA—EST. 1922

MUTUAL BROADCASTING SYSTEM FREQUENCY: 610 Kc. POWER: 5000 watts. OWNED BY: Gimbel Bros., Inc. OPERATED BY: Penna. Broadcasting Co. BUSINESS ADDRESS: 35 S. 9th St. PHONE: Walnut 6800. STUDIO ADDRESS: 35 S. 9th St. TRANSMITTER LOCATION: Bellmawr, N. J. TIME ON THE AIR: 24 hours. daily. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

President & Station	
ManagerBenedict Gimb	el, Jr.
V-P in Charge of Sales Edward A. 1	Davies
Program DirectorMurray	Arnold
Production ManagerEdward	Wallis
Sales Promotion ManagerRobert	Horn
Director of SportsStony N	<i>lc</i> Linn
News EditorEdward	Mayer
Musical DirectorJoe Fr	
Technical SupervisorClifford C.	Harris

#### Coverage\*

Population—Primary	3,130,134
Radio Homes—- "	*1,784,546
Population—Secondary	4,305,478
* Includes hath primary and seem	J

\*Includes both primary and secondary areas Source: U. S. Census; field intensity measurements.

Representative

Radio Advertising Corp. (See Page 544)

### WPEN

PHILADELPHIA—EST. 1929

(HOOK-UP WITH WOV, New York)
FREQUENCY: 950 Kc. POWER: 5000 waits.
OWNED BY: Wm. Penn Broadcasting Co.
OPERATED BY: Wm. Penn Broadcasting Co.
BUSINESS ADDRESS: 1528 Walnut St. PHONE:
Pennypacker 9490, Race 4006. STUDIO ADDRESS: Same. TRANSMITTER LOCATION:
72nd & Vine Sts. TIME ON THE AIR: 7:00
A.M. to midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE:
Langworth. MAINTAINS ARTISTS' BUREAU.

#### Personnel

General Manager	Arthur Simon
Program Director	.Thomas B. Smith
Musical Director	.Joseph Fransoza
Chief Engineer	Charles Burtis

#### Coverage

No exact figures available at time of going to press. (See Page 546)

### WTEL

#### PHILADELPHIA—EST. 1925

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: Foulkrod Radio Engineering Co. OPERATED BY: Foulkrod Radio Engineering Co. BUSINESS ADDRESS: 4312-14 N. Broad St. PHONE: Gladstone 1310. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Rowlandville, Pa. TIME ON THE AIR: Shares Time with WHAT.

#### Personnel

# KDKA PITTSBURGH—EST. 1920

NBC (BLUE)

FREQUENCY: 1020 Kc. POWER: 50,000 watts. OWNED AND OPERATED BY: Westinghouse Electric & Mig. Co. BUSINESS ADDRESS: 1619 Walnut St., Philadelphia. STUDIO ADDRESS: Grant Bldg. PHONE: Grant 4200. TRANSMITTER LOCATION: Allison Park. Hampton Township, Pa. TIME ON THE AIR: 5:30 A.M. to 1:00 A.M.; Sunday, 8:00 A.M. to 1:00 A.M. (117 hours weekly). NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus.

# IT'S HUMAN TO AIR!

ESPECIALLY, MR. ADVERTISER

WHEN YOU HAVE THE

TREMENDOUS POTENTIAL AUDIENCE

OF

7,435,612

- **√** —61.2% RENEWALS (in 1941)
- ✓ —MUTUAL BROADCASTING SYSTEM
- √ —24 HOURS A DAY
- √ —5,000 WATTS

NOW — A "MUST" BUY IN PHILADELPHIA

Edward A. Davies Sales Director



35 South Ninth Street Phone: Walnut 6800

#### Personnel

President
General ManagerJames B. Rock
Sales Manager
Publicity DirectorJohn M. Cooper
Program ManagarGeorge Heid
Promotion Manager
Office Manager D. F. Dickson
Chief AnnouncerWilbur C. Sutherland
Traffic ManagerG. Dare Fleck
News EditorLloyd G. Chapman
Special Events DirectorRobert Shield
C

Coverage

| Daytime | Evening | 5,803,900 | 5,435,800 | Radio Homes— | 1,233,800 | 1,146,000 | Population—Secondary | 3,997,500 | 17,866,900 | Radio Homes— | 201,600 | 770,200 | Source: NBC Statistical | Department.

Representative

National Broadcasting Co.

### ΚĊΥ

PITTSBURGH—EST. 1919

MUTUAL BROADCASTING SYSTEM
FREQUENCY: 1410 Kc. POWER: 1000 waits.
OWNED BY: KQV Broadcasting Co. OPER.
ATED BY: KQV Broadcasting Co. BUSINESS
ADDRESS: 1406 Chamber of Commerce Bldg.
PHONE: Private Exchange, Grant 4860. STUDIO ADDRESS: 1406 Chamber of Commerce
Bldg. TRANSMITTER LOCATION: 1475 Crane
Road. TIME ON THE AIR: 7:00 a.m. to 12:33
midnight. NEWS SERVICE: Transradio Press.
TRANSCRIPTION SERVICES: Standard Radio
Library, Davis & Schwegler.

### Personne! President......H. J. Brennen

vice-President	
Secretary	
Station Manager	E. S. Wasser
Commercial & Advertis	ing
Manager	R. M. Thompson, Sr.
Chief Announcer	J. Herbert Angell
Publicity Director	John Howard
Chief Engineer	Walter W. McCoy

 Radio Homes—"
 262.265

 Source: Field intensity survey: Joint Com 

 Population—Primary
 2,582,669

 Radio Homes—"
 582,218

 Population—Secondary
 1,120,550

 mittee.
 Representative

Coverage

Representative
William G. Rambeau Co.

### WCAE

PITTSBURGH—EST. 1922 NBC (RED) & MUTUAL

FREQUENCY: 1250 Kc. POWER: 5000 watts.
OWNED BY: WCAE, Inc. OPERATED BY:

WCAE, Inc. BUSINESS ADDRESS: Hotel William Penn. PHONE: Atlantic 6900. STUDIO ADDRESS: Hotel William Penn. TRANSMITTER LOCATION: Agnew Road, Baldwin Township. TIME ON THE AIR: 7:00 A.M. to 1:30 A.M. NEWSPAPER AFFILIATION: Pittsburgh Sun-Telegraph. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

President-General
ManagerLeonard Kapner
Sales Manager
Sales Promotion ManagerJim Murray
Chief AnnouncerBob Donley
Continuity Director Phil Davis
Production Manager Dave Olson
Program ManagerR. Clifton Daniel
Musical Director
Chief EngineerJames Schultz

#### Coverage

	Daytime	Evening
Population—Primary	2,720,494	2.602,669
Radio Homes—"	552,600	527,630
Population—Secondary	2,201,390	1.471.733
Radio Homes "	455,960	298,920
Source: Field intensity s	urvey; U.	S. Census;

Joint Committee.

Representative
International Radio Sales

### WJAS

PITTSBURGH—EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1320 Kc. POWER: 5000 waits. OWNED BY: Pittsburgh Radio Supply House. OPERATED BY: Pittsburgh Radio Supply House. BUSINESS ADDRESS: 411—7th Ave. PHONE: Grant 4860-1-2-3-4-5-6. STUDIO ADDRESS: 411—7th Ave. TRANSMITTER LOCATION: 1459 Crane Road, 20th Ward, Pittsburgh. TIME CN THE AIR: 7:30 a.m. to 12:30 a.m. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: Standard Radio, also cut own disks.

#### Personnel

President & General
Manager
Commercial ManagerR. M. Thompson, Sr.
Chief Announcer Beckley Smith
Publicity Director
Musical Director & Pam. MarJas. Hughes
Chief Engineer

Coverage

Populo	tion—Primary							3,090,300
Radio	Homes "				 			652,500
Populo	tion—Secondar	Y			 			7,200,000
Radio	Homes— "				 			1,609,900

Source: Mail response analysis.

### Representative William G. Rambeau Co.



### and a more powerful station to cover it

Philadelphia — the City of Homes — stands unique among America's metropolitan centers. More homes per square mile, more families listening for your message. Average American families who eat, sleep and BUY in Philadelphia. WPEN serves this market seven days a week, with family

programs. Meet our families and their neighbors. Buy WPEN...Open the doors of Philadelphia — the City of Homes

WM. PENN BROADCASTING CO.

# WPEN

Atop: 1528 Walnut Street, Philadelphia 950 on your dial

### WWSW

#### PITTSBURGH—EST. 1931

MBS—NBC (Blue)—QUAKER NETWORK FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Walker & Downing Radio Corp. OPERATED BY: Walker & Downing Radio Corp. BUSINESS ADDRESS: Hotel Keystone. PHONE: Grant 5200. STUDIO ADDRESS: Hotel Keystone. TRANSMITTER LOCATION: 341 Rising Main St. TIME ON THE AIR: 24 hours daily. NEWSPAPER AFFILIATION: Pittsburgh Post Gazette. NEWS SERVICE: International News. MAINTAINS ARTISTS' BUREAU TRANSCRIPTION SERVICE: Associated Music Publishers, Standard Radio.

#### Personnel

President	Paul Block
Vice-President	Oliver J. Keller
Treasurer	Leo A. Wise
Secretary-General Manager	Frank R. Smith, Jr.
Promotion Manager	H. B. Traulman
Program Director	Walter E. Sickles
Production Manager	John Davis
Artists' Bureau Head	Marie Wilk
Chief Announcer	Ray Schneider
Chief Engineer	Henry R. Kaiser
<b>₽</b>	

#### Coverage

| Daytime | Evening | Population—Primary | 1.250.000 | 1.000.000 | Radio | Homes— " | ... | 361.000 | 345.000 |

Source: Field intensity survey, Representative

Cox & Tanz

### WEEU

READING-EST. 1931

NATIONAL BROADCASTING CO. FREQUENCY: 850 Kc. POWER: 1000 watts. OWNED BY: Berks Broadcasting Co. OPERATED BY: Berks Broadcasting Co. BUSINESS ADDRESS: 533 Penn St. PHONE: 7335. STUDIO ADDRESS: 533 Penn St. and Reading Senior High School. TRANSMITTER LOCATION: Spring Township. TIME ON THE AIR: 8:00 a.m. to local sunset. TRANSCRIPTION SERVICE: Lang-Worth. NBC Thesaurus, NAB Library, Standard Radio.

#### Personnel

General ManagerClifford M.	Chafey
Program DirectorPaul	Breedy
Sales Manager	Magee
Coverage	

 Population—Primary
 1,526,900

 Radio Homes—"
 346,000

 Population—Secondary
 2,406,800

 Radio Homes—"
 525,700

 Source: Mail response analysis.

#### Representative

George P. Hollingbery Co.

### WRAW

READING—EST. 1921
NATIONAL BROADCASTING CO.

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: Reading Broadcasting Co. OPERATED BY: Reading Broadcasting Co. BUSINESS ADDRESS: 533 Penn St. PHONE: 7336. STUDIO ADDRESS: 533 Penn St. and State Theatre. TRANSMITTER LOCATION: Reading. TIME ON THE AIR: 7:00 A.M. to 12:00 mid-

night. Personnel

#### Representative

George P. Hollingbery Co.

### WARM

SCRANTON—EST. 1940
MUTUAL BROADCASTING SYSTEM
QUAKER NETWORK

PENNSYLVANIA NETWORK

FREQUENCY: 1430 Kc. POWER: 250 watts.
OWNED BY: Union Broadcasting Co. OPER.
ATED BY: Union Broadcasting Co. BUSINESS
ADDRESS: Select Bldg. PHONE: 4-1148. STUDIO
ADDRESS: Select Bldg. TRANSMITTER LO.



CATION: 721 N. Blakely St., Dunmore, Pa. TIME ON THE AIR: 125 hours weekly. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

President-Station ManagerMartin F. Memolo
Station DirectorJoseph Dobbs
Commercial ManagerGeorge Field
Program Director
Musical Director Edward Cusido
Chief Engineer

#### Coverage

PopulationPrimary	922,384
Radio Homes— "	118,782
Population—Secondary	1,284,000
Radio Homes— "	284,000

Source: Field intensity survey; U. S. Census; Joint Committee.

### Representative

Furgason & Walker, Inc.

### WGBI

#### SCRANTON—EST. 1925

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 910 Kc. POWER: 1000 watts. d.; 500 watts, n. OWNED BY: Scranton Broadcasters, Inc. OPERATED BY: Scranton Broadcasters, Inc. BUSINESS ADDRESS: 1000 Wyoming Ave. PHONE: 6296-7. STUDIO ADDRESS: Administration Bldg. of International Correspondence Schools. TRANSMITTER LOCATION: Drinker Turnpike, Dunmore, Pa. TIME ON THE AIR: (daily) 7:00 a.m. to 2:00 a.m., (Sunday) 8:45 a.m. to 2:00 a.m. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

Frank Megaraee

Flesident
Station ManagerRobert E. McDowell
Commercial & Sales
ManagerGeo. D. Coleman
Program DirectorJohn Groller
Chief Announcer
Chief Engineer

#### Coverage

	Daytime	Evening
Population-Primary	868,805	833,287
Radio Homes—"	175,813	167,665
Population—Secondary	1,998,123	1,605,522
Radio Homes—"	418,562	332,465
Source: Field strength	survey and	mail re-

Representative John Blair & Co.

sponse analysis.

# WQAN

#### **SCRANTON**

FREQUENCY: 910 Kc. POWER: 1000 watts. d.: 500 Watts, n. OWNED BY: The Scranton Times. OPERATED BY: The Scranton Times.

BUSINESS ADDRESS: Scranton. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Shares Time with WGBI. NEWSPAPER AFFILIATION: The Scranton Times.

#### Personnel

(Non-Commercial Station)

### WPIC

#### SHARON-EST, 1938

FREQUENCY: 790 Kc. POWER: 1000 watts. OWNED BY: Sharon Herald Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: P. O. Box 541. STUDIO ADDRESS: Pine Hollow Blvd. PHONE: 4113. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to local sunset. NEWSPAPER AFFILLATION: Sharon Herald. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated. MAINTAINS ARTISTS' BUREAU.

#### Personnel

President & General
ManagerJohn Fahnline, Jr.
Vice-PresidentA. W. McDowell
Secretary-Treasurer George E. Heiges
Commercial ManagerJ. T. Van Sweringen
Program Director Paul Gamble
Chief AnnouncerJohn C. MacDonald
Chief Engineer

#### Coverage

Population—Primary	1,327,622
Radio Homes— "	309,350
Population—Secondary	5,433,221
Radio Homes "	1,326,017
Source: Station survey; U. S. Cens	us: Joint
Committee.	•

### Representative

Howard H. Wilson Co.

### WKOK

#### SUNBURY—EST. 1933

QUAKER NETWORK

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Sunbury Broadcasting Co. OPERATED BY: Sunbury Broadcasting Co. BUSINESS ADDRESS: 1150 N. Front St. PHONE: 1326. STUDIO ADDRESS: 1150 N. Front St. TRANSMITTER LOCATION: 1150 N. Front St. TIME ON THE AIR: 8:00 a.m. to 9:00 p.m. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

President
Secretary-Treasurer
Station ManagerMelvin Lahr
Chief AnnouncerReg Merridew
Program DirectorPaul Miller
Sales Manager
Chief Engineer

#### Coverage

Population—Primary	141,146
Radio Homes— "	31,725
Source: Field intensity measurements	based
on 100 watts.	

#### Representative

Cox & Tanz

### WMBS

### UNIONTOWN—EST. 1937 QUAKER NETWORK

FREQUENCY: 590 Kc. POWER: 1000 watts. OWNED BY: Fayette Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Fayette Title & Trust Bldg. PHONE: 800. STUDIO ADDRESS: Fayette Title Trust Bldg. TRANSMITTER LOCATION: Burgess Field. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight. NEWS SERVICE: Associated Press, International News Service. MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICES: Standard Radio and NBC Thesaurus.

### Personnel

President and Station	
Manager	Joseph C. Burwell
Commercial Manager	M. E. Slagel
Artists' Bureau Head	Hugh Raiferty
Program Director	Mary Lucius
Production Manager	Louis R. Bennett
Chief Announcer	Charles Underwood
Publicity Director	
Musical Director	Sullivan Sages
Chief Engineer	.Kenneth M. Meredith

#### Coverage

	Daytime	rvenii	ag.
Population—Primary	3,271,936	1,417,3	182
Radio Homes— "	683,715	281,1	42
Source: Field intensity	measureme	nts: U.	S.
Census: Joint Committee.			

### W B A X

#### WILKES-BARRE—EST. 1922 MUTUAL BROADCASTING SYSTEM

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: John H. Stenger, Jr. OPERATED BY: Northeastern Pennsylvania Broadcasters, Inc. BUSINESS ADDRESS: 141 So. Main. PHONE: 3-0196-7-8. STUDIO ADDRESS: 141 S. Main. TRANSMITTER LOCATION: Plains Township. TIME ON THE AIR: 7:00 A.M. to 3:00 A.M. (140 hours weekly). NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Lang-Worth.

#### Personnel

Station	Manager		Hal	Seville
Sales a	nd Sales	Promotion Mana	iger.	

			Jone	es Evans
Commerc	iai:	Manager.	Norman	McHugh
Program	Dir	ector-Chief	Announcer,	

	Ken Beghold
Production Manager	Richard Mawson
Chief Engineer	Robert Love

#### Coverage

	Daytime	Evening
Population—Primary	445,109	445,109
Radio Homes— "	92,020	92,020
Population—Secondary	685,000	685,000
Radio Homes— "	145,000	145.000

Source: Station survey.

Representative
Weed & Co.

### WBRE

#### WILKES-BARRE—EST. 1924 NBC-QUAKER NETWORK

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: Louis G. Baltimore. OPERATED BY: Louis G. Baltimore. BUSINESS ADDRESS: 62 S. Franklin St. PHONE: 3-3101-2. STUDIO ADDRESS: 62 S. Franklin St. TRANSMITTER LOCATION: Kingston. TIME ON THE AIR: 142 hours weekly. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth. MAINTAINS ARTISTS' BUREAU.

#### Personnel

#### President and Station

Manager	Louis G. Baltimore
Commercial Manager	S. R. Baltimore
Sales Manager	A. C. Baltimore
Program Director	Franklin D. Coslett
Musical Director	
Chief Engineer	Charles Sakoski

#### Coverage

	Daynme	Evening
Population—Primary	850,000	600,000
Radio Homes— "	95%*	
Population—Secondary	Ť	850,000
Radio Homes— "	95%	

\* Of total families.

Standard Radio.

Source: Chamber of Commerce: field intensity measurements.

### WRAK

#### WILLIAMSPORT—EST. 1929 QUAKER--PENNSYLVANIA NETWORK

FREQUENCY: 1400 Kc. POWER: 250 waits. OWNED BY: WRAK, Inc. OPERATED BY: WRAK, Inc. OPERATED BY: WRAK, Inc. BUSINESS ADDRESS: 244 W. 4th St. PHONE: 2-6116-7, STUDIO ADDRESS: 244 W. 4th St. TRANSMITTER LOCATION: 1561 W. 4th St. TIME ON THE AIR: 7:30 a.m. to 10:15 p.m. NEWSPAPER AFFILIATIONS: Williamsport Sun & Williamsport Gazette & Bulletin NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System,

#### Personnel

President	1	Ε.	M.	Case
Vice-President	R.	T.	S.	Steele
Treasurer	N.	V	I	Person
Secretary-General Mgr	. G	<b>e</b> 01	ge	E. Joy
Advertising ManagerThoma	s	W.	. M	letzger
Chief Announcer Pou	<b>.</b> 1	M.	R	einine

<sup>†</sup> Over one million.

#### PENNSYLVANIA-RHODE ISLAND

Program Director......Irving A. Berndt, Jr. Office Manager......Alys Kramer Chief Engineer ..... Louis Persio

Coverage

Daytime Evening Population—Primary .... 393,161 157,725 Radio Homes— " .... 85.505 34,30B Source: Mail count survey.

> Representative J. P. McKinney & Son

YORK---EST. 1932

NATIONAL BROADCASTING CO. MUTUAL BROADCASTING SYSTEM MASON-DIXON GROUP

FREQUENCY: 1350 Kc. POWER: 1000 watts. OWNED BY: York Broadcasting Co., Inc. OP-

ERATED BY: Same. BUSINESS ADDRESS: 13 S. Beaver St. PHONE: 6629. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: West Manchester Township. TIME ON THE AIR: 7:00 a.m. to 1:00 a.m. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth. Personnel

Station Executive......Clair R. McCullough Station Manager......Robert Gulick Program Director......Otis Morse Publicity Director . . . . Wilhelmenia Hollinger

Coverage

Daytime Evening Population—Primary . . . 1,860,009 409,322 Radio Homes— " 423,879 84.289 . . . . Source: U. S. Census: Joint Committee; Field intensity measurements and mail response analysis.

Representative Paul H. Raymer Co.

Number of Radio Homes 173,450

Auto Registrations 186,188

For 1940 Census data, please turn to page 275

Population 713,346

Number of Families 187.795

### WFCI

#### PAWTUCKET-PROVIDENCE

-EST. 1941

FREQUENCY: 1420 Kc. POWER: 1000 watts. OWNED BY: Pawtucket Broadcasting Co. OP-ERATED BY: Pawtucket Broadcasting Co. BUSINESS ADDRESS: 450 Main St. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Lonsdale, R. I. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M.; Sundays, 9:00 A.M. to 11:00 P.M. (110 hours weekly). NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

President-Chief	
Engineer	oward W. Thornley
Treasurer	Frank F. Crook
Station Manager	W. Paul Oury
Commercial Manager	T. F. Allen

#### Coverage

Population—Primary	519,496
Radio Homes— "	121,450
Population—Secondary	327,187
Radio Homes— "	77,290
Source: Field intensity measuremen	ıts; Joint
Committee; U. S. Census.	

#### PROVIDENCE—EST. 1922

NBC-MBS-YANKEE & COLONIAL FREQUENCY: 790 Kc. POWER: 5000 watts. OWNED BY: The Yankee Network, Inc. OP-ERATED BY: The Yankee Network, Inc. BUSI-NESS ADDRESS: Crown Hotel. PHONE: Dexter 1500. BOSTON OFFICE: 21 Brookline Ave. STUDIO ADDRESS: Crown Hotel, TRANSMIT-TER LOCATION: East Providence. TIME ON THE AIR: Sunday, 8:00 A.M. to 2:00 A.M. Week Days, 6:00 A.M. to 2:00 A.M. NEWS SERVICE: Local News by staff reporters, Yankee Network News Service. MAINTAINS AN ARTIST BUREAU. TRANSCRIPTION SERVICE: Associated, Davis & Schwegler.

#### Personnel

PresidentJohn Shepard, III
Station & Sales Supervisor. Malcolm S. Parker
Program-Publicity Director Rose M. Powers
Production ManagerDonald Morton
Musical DirectorMarion Thomas
Chief Engineer

### Coverage

	Daylime	Evening
Population—Primary	. 1,091,437	662,756
Radio Homes— "	. 251,030	152,434
Source: Field intensity	meggiireme	m ter

### Representative

Edward Petry & Co.

### WJAR

#### PROVIDENCE—EST, 1922

NBC (Red)

FREQUENCY: 920 Kc. POWER: 5000 watts. OWNED BY: Outlet Co. BUSINESS ADDRESS: Weybossett St. PHONE: Gaspee 1071. STU-DIO ADDRESS: Same. TRANSMITTER LOCA-TION: East Providence. TIME ON THE AIR: 7:30 A.M. to 1:00 A.M.: Sunday, 9:00 A.M. to 1:00 AM. TRANSCRIPTION SERVICE: World Library Service, NEWS SERVICE: Local news service.

#### Personnel

President	. Burbank
Station ManagerJohn	J. Boyle
Chief EngineerThom	nas Prior

#### Coverage

	Daytime	Evening
Population—Primary	1,155,016	884,387
Radio Romes— "	257,360	-195,330
Population—Secondary	1,321,000	202,000
Radio Homes— "	297,000	45,000
Source: Field intensity st	urvey based	on 1000
watis nower		

#### Representative

Weed & Co.

#### PROVIDENCE

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 630 Kc. POWER: 5000 waits. OWNED BY: Cherry and Webb Broadcasting Co. OPERATED BY: Cherry and Webb Broadcasting Co. BUSINESS ADDRESS: 15 Chestnut St. STUDIO ADDRESS: Same, TRANSMIT-TER LOCATION: Wampanoag Trail, East Providence. TIME ON THE AIR: 1301/2 hours weekly. NEWS SERVICE: United Press, TRANSCRIP-TION SERVICE: NBC Thesqurus.

#### Personnel

President	William S. Cherry, Jr.
Station Manager	William T. Brush
Commercial Manager	
Program Director	H. William Koster
Publicity Director	Albert C. Rider
Musical Director	Edwin F. Drew

#### Coverage

	Daytime	Evening
Population—Primary	1,126,000	1,034,400
Radio Homes "	254,050	231,880
Population—Secondary	7,072,700	4,153,400
Radio Homes "	1,604,350	945,039
Course CPC Listoning A.	and Childre	

Representative

Paul H. Raymer Co.

# **NEW** in New England!

1,000 WATTS—FULL TIME

A Good Buy in New England's 2nd Largest Market

PAWTUCKET BROADCASTING CO., INC.

Studios & Offices: 450 Main St.

PAWTUCKET RHODE ISLAND

- **PROVIDENCE**
- PAWTUCKET
- WOONSOCKET
- NEWPORT

and contiguous (R. I.-Mass.-Conn.) with a total population of over

1,000,000

# SOUTH CAROLINA

Population 1,899,804

Number of Families 434,557

Number of Radio Homes 222,170

**Auto Registrations 318,300** 

For 1940 Census data, please turn to page 275

### WAIM

#### ANDERSON—EST. 1935

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1230 Kc. POWER: 250 waits. OWNED BY: Wilton E. Hall. OPERATED BY: Same. BUSINESS ADDRESS: Anderson Colege. PHONE: 800. STUDIO ADDRESS: Anderson College. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 a.m. to 12:00 midnight. NEWSPAPER AFFILIATIONS: Anderson Independent, Anderson Daily Mail. NEWS SERVICE: Associated Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System, Lang-Worth.

#### Personnel

Owner
Station Manager
Sales Promotion Manager G. Paul Browne
Program-Musical DirectorDan Ferguson
Production Manager George Crawford
Artists Bureau HeadEdith Hall
Publicity Director
Chief AnnouncerBill Codding
Chief EngineerRobert L. Easley

Covere	uge	
	Daytime	Evening
Population—Primary	519,500	306,00
Radio Homes—"	57,090	30,81
Source: Station survey.		,
•		

### WCSC

### COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1390 Kc. POWER: 1000 watts. OWNED BY: The South Carolina Broadcasting Co., Inc. OPERATED BY: The South Carolina Broadcasting Co., Inc. BUSINESS ADDRESS: Francis Marion Hotel. F11. STUDIO ADDRESS: Francis Marion Hotel. TRANSMITTER LOCATION: Windermere, S. C. TIME ON THE AIR: Sundays—8:00 A.M. to 12:00 Midnight; daily—6:30 A.M. to 12:00 Midnight: NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

President-Station Manager.	J. M. Rivers
Program Director	.Charles McMahon
Sales Manager	Roland Weeks
Program Director	.Charles McMahon
Musical Director	Thomas L. Means
Publicity Director	Phil Sutterfield
Chief Engineer	J. M. Weaver

#### Coverage

Population—Primary	352,871
Radio Homes— "	40,000
Population—Secondary	123,899
Radio Homes— "	14,190
Source: Field intensity survey and	mail re-
sponse analysis.	

### Representative

Free & Peters, Inc.

### WTMA

CHARLESTON—EST. 1939 NATIONAL BROADCASTING CO.

FREQUENCY: 1250 Kc. POWER: 1000 watts. OWNED BY: Atlantic Coast Broadcasting Co. OPERATED BY: Atlantic Coast Broadcasting Co. BUSINESS ADDRESS: 134 Meeting St. PHONE: 2-2961. STUDIO ADDRESS: Wagener Terrace. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 171/2 hours daily: 16 hours, Sundays. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: Associated.

#### Personnel

President				
Commercial Manager	. <i></i> .	W. P.	Speid	ht
Program Director	.c.	Wylie	Cal	der
Director of Women's Program	ıs.	•		

		_	Meredith	Smith
Marsianal	Discotos			
	Director			
Chief Er	gineer		.D. M. Bro	adham

#### Coverage

	Daytime	Evening
Population—Primary	150,000	80,000
Radio Homes— "	22,950	15,000
Population—Secondary	180,000	100,000
Radio Homes—"	28,000	18,000

Source: Field intensity survey.

Representative

George P. Hollingbery Co.

### WCOS

COLUMBIA—EST. 1939 NATIONAL BROADCASTING CO.

FREQUENCY: 1400 Kc. POWER: 250 watts.
OWNED BY: Carolina Advertising Corp. OPERATED BY: Same. BUSINESS ADDRESS: 1202
Main 8t. PHONE: 2-5801. STUDIO ADDRESS:
1202 Main St. TRANSMITTER LOCATION:
270 Senate St. TIME ON THE AIR: 6:30 A.M.
to 12:00 Midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Associated Library.

301.656

61.640

#### Personnel

President	A. B. Langley	
General Manager	Roy A. Powell	
Program Director	J. Olin Tice	
Publicity Director	W. C. Bockman	
Chief Announcer		
Musical Director	Virginia Hook	
Chief Engineer	. Charles A. Thoman	
Coverage		
Population—Primary	D .	
Radio Homes- "	76,450	

Population—Secondary .....

Representative International Radio Sales

### wis

COLUMBIA-EST. 1930

NATIONAL BROADCASTING COMPANY FREQUENCY: 560 Kc. POWER: 5000 watts. OWNED BY: The Liberty Life Insurance Co. OPERATED BY: The Liberty Life Insurance Co. BUSINESS ADDRESS: 1811 Main St. PHONE: 22135-22136. STUDIO ADDRESS: 1811 Main St. TRANSMITTER LOCATION: Bluff Road. TIME ON THE AIR: Daily—6:30 A.M. to 12:00 Midnight. Sundays, 8:00 A.M. to 12:00 Midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: United Press.

#### Personnel

President	W. Frank Hipp
Station Manager	G. Richard Shafto
Commercial Manager	J. D. Saumenig
Program Director	.Floyd D. Rodgers, Jr.
Production Manager-Publ	licity Director,
	Taxon T. Walson In

#### Coverage

	Daytime	Evening
Population—Primary	692,585	337,575
Radio Homes "	76,140	38,859
Population—Secondary	1.040,817	569,067
Radio Homes— "	389.600	58,659
Source: Field intensity	and mai	l response
analysis.		

### Representative Free & Peters, Inc.

### WOLS

FLORENCE—EST. 1937

NATIONAL BROADCASTING CO.

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: O. Lee Stone. OPERATED BY: Same. BUSINESS ADDRESS: Sanborn Hotel. PHONE: 48. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Charleston Highway South of Florence. TIME ON THE AIR: 7:00 A.M.

to 12:00 Midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Davis & Schwegler.

#### Personnel

President-Station ManagerO. Lee Stone
Commercial-Sales Promotion Manager,
H. Russ Hol
Program Director
Chief Announcer
Chief Engineer

#### Coverage

Population—Primary ...... 66,999
Source: Field intensity survey.

### WFBC

GREENVILLE—EST. 1933

NATIONAL BROADCASTING CO. FREQUENCY: 1339 Kc. POWER: 5000 watts. OWNED BY: The Greenville News-Piedmont Co. OPERATED BY: Same. BUSINESS ADDRESS: P. O. Box 600. PHONE: 362-3. STUDIO ADDRESS: Poinsett Hotel. TRANSMITTER LOCATION: Gantt, S. C. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight. NEWSPAPER AFFILIATIONS: Greenville News, Greenville Piedmont. NEWS SERVICES: United Press. International News Service, Associated Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

President B. H. Peace. Ir.
Station Manager B. T. Whitmire
Commercial Manager
Sales Promotion ManagerLee Parsons
Program DirectorCharles Batson
Production ManagerJim Reid
Musical and Publicity Director. James Dawson
Chief Engineer W. C. Etheredge

#### Coverage

	Daylime	Evening
Population—Primary	887,190	954,994
Radio Homes "	92,100	96,100
Population—Secondary	954,994	1,596,501
Radio Homes "	96,100	187,800
Source: U. S. Census.		

### Representative Weed & Co.

# WMRC GREENVILLE—EST. 1940

MUTUAL BROADCASTING SYSTEM SOUTHERN BROADCASTING SYSTEM

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Textile Broadcasting Co. OPERATED BY: Textile Broadcasting Co. BUSINESS ADDRESS: P. O. Box No. 1499. PHONE: 5730. STUDIO ADDRESS: 400 Mayberry St. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 123 hours weekly. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System. MAINTAINS ARTISTS' BUREAU.



# SPARTANBURG

#### SOUTH CAROLINA

HOWARD H. WILSON CO. . . . National Sales Representative

#### Personnel

President
Station ManagerDan Crosland
Commercial ManagerAlan Wanamaker
Program DirectorGlenn Adams
Chief AnnouncerBill Hinn
Chief EngineerEdward Day
Coverage

Population—Primary	402,762
Radio Homes— "	50,610
Population—Secondary	250,124
Radio Homes— "	27,285
Source Station survey.	

### W M D F \*

#### GREENWOOD

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Grenco, Inc. OPERATED BY: Grenco, Inc. BUSINESS ADDRESS: Greenwood. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited.

### WORD

#### SPARTANBURG—EST. 1940

NATIONAL BROADCASTING CO. FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Spartanburg Advertising Co. OP-ERATED BY: Spartanburg Advertising Co. BUSINESS ADDRESS: 155 South Liberty St. PHONE: 2901. STUDIO ADDRESS: 155 Liberty St. TRANSMITTER LOCATION: 212 miles northeast of Spartanburg. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU.

#### Personnel

Vice-President and General Manager,
Walter J. Brown
Commercial ManagerJ. W. Kirkpatrick
Program Director-Chief Announcer,
James Waldrop
Decelusion Manager Pages Chaffer

Production Manager	Roger Shaffer
Publicity Director	T, E, Horton
Public Relations Director	Chas. O. Hearon
Chief Engineer	Ralph S. Bennett

#### Coverage

	Daytime	Evening
Population—Primary	125,000	45,000
Radio Homes— "	16,700	5.000
Population—Secondary	215,216	132,000
Radio Homes— "	28,000	17,100
	_	

#### Representative Howard H. Wilson Co.

### WSPA

#### SPARTANBURG-EST, 1929 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 950 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: Spartanburg Advertising Co. OPERATED BY: Spartanburg Advertising Co. BUSINESS ADDRESS: 155 South Liberty St. STUDIO ADDRESS: 155 Liberty St. PHONE: 2900. TRANSMITTER LOCA-TION: 21/2 miles northeast of Spartanburg. TIME ON THE AIR: 6:00 A.M. to local sunset. NEWS SERVICE: United Press, TRANSCRIP-TION SERVICE: World Broadcasting System.

#### Personnel

MAINTAINS ARTISTS' BUREAU.

President
Vice President-General Manager,
Walter J. Brown
Commercial ManagerThad E. Horton
Production ManagerRoger Shaffer
Program DirectorSterling Wright
Artists' Bureau Head-Chief Engineer.

Ralph S. Bennett Public Relations Director....Charles O. Hearon

#### Coverage

Population—Primary	646,000
Radio Homes— "	79,270
Population—Secondary	835,600
Radio Homes "	111.840

Source: U. S. Census; Joint Committee.

### Representative

Howard H. Wilson Co.

#### SUMTER-EST. 1940

FREQUENCY: 1349 Kc. POWER: 250 watts. OWNED BY: Julius S. Brody. OPERATED BY: Julius S. Brody. BUSINESS ADDRESS: 39 Main St. PHONE: 39. STUDIO ADDRESS: 39 N. Main St. TRANSMITTER LOCATION: Highway 76. TIME ON THE AIR: 110 hours weekly. NEWS SERVICE: United Press. TRANSCRIP-TION SERVICE: World Broadcasting System.

#### Personnel

OwnerJunus B. Brody
Station ManagerT. Doug Youngblood
Program Director-Chief Engineer,
John Sherman
Musical DirectorGraham Caddell

#### Coverage

Indian C Brade

Population—Primary	128,031
Radio Homes— "	1 <b>4,250</b>
Population—Secondary	128,708
Radio Homes— "	17,975
C	

Source: Station survey.

<sup>\*</sup> Station was licensed to operate under a construction permit at time of going to press

# SOUTH DAKOTA:

Population 642,961 Number of Families 165,113 Number of Radio Homes 132,010 Auto Registrations 193,615

For 1940 Census data, please turn to page 276

### KABR

ABERDEEN-EST. 1935

MUTUAL BROADCASTING SYSTEM NORTH CENTRAL BROADCASTING SYSTEM FREQUENCY: 1420 Kc. POWER: 5000 watts. OWNED BY: Aberdeen Broadcast Co. OPERATED BY Aberdeen Broadcast Co. BUSINESS ADDRESS: 11712 S. Main St. PHONE: 4625. STUDIO ADDRESS: 11712 S. Main St. TRANSMITTER LOCATION: Wylie Park. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

President
Vice-President
Vice-PresidentOlwin Ackley
TreasurerJ. H. McKeever
Secretary-General ManagerA. A. Fahy
Program-Publicity Director. R. Thompson Mabie
Chief AnnouncerE. L. Weeks
Chief EngineerDelbert Hunt

#### Coverage

	Daytime	Evening
Population—Primary	254,044	117,744
Radio Homes— "	59,080	29.436
Population—Secondary	292,400	159,642
Radio Homes— "	68,000	39,913
Source: Field intensity n	ne <b>a</b> surement	s.

Representative
Weed & Co.

### KFDY

#### **BROOKINGS—EST. 1923**

FREQUENCY: 790 Kc. POWER: 1000 watts. OWNED BY: South Dakota State College. OPERATED BY: Same. BUSINESS ADDRESS: Brookings. PHONE: 702K-459W. STUDIO ADDRESS: College Station. TRANSMITTER LOCATION: College Station. TIME ON THE AIR: 12:30 P.M. to 2:00 P.M. except Sundays (9 hours weekly).

#### Personnel

Chief	Engineer	- · · · · · · · · · ·	W. H.	Gamble
	/Non /	Cammarai-1	Ct-ti\	

### KGFX

PIERRE—EST. 1922

FREQUENCY: 630 Kc. POWER: 200 watts.

OWNED BY: Ida A. McNeil. OPERATED BY: Ida A. McNeil. BUSINESS ADDRESS: 203 West Summit Ave. PHONE: 351. STUDIO ADDRESS: 203 W. Summit Ave. TRANSMITTER LOCATION: 203 W. Summit Ave. TIME ON THE AIR: 9:30 A.M. to sunset. NEWS SERVICE: Associated Press.

#### Personnel

Owner and Director	A. McNeil
Chief EngineerRobe	rt H. Dye
Population—Primary	
Radio Homes— "	43,560
Population—Secondary	454,000
Radio Homes— "	87,000

Source: Mail response survey.

Cox & Tanz

### KOBH

#### RAPID CITY—EST. 1936

FREQUENCY: 1400 Kc. POWER: 250 waits. OWNED BY: Black Hills Broadcast Co. of Rapid City. OPERATED BY: Black Hills Broadcast Co. of Rapid City. BUSINESS ADDRESS: Alex Johnson Hotel. TRANSMITTER LOCATION: 2½ miles east of Rapid City. TIME ON THE AIR: 6:30 A.M. to 10:00 P.M.; Sundays, 9:00 A.M. to 5:00 P.M. (101 hours weekly). MAINTAINS ARTISTS' BUREAU. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth.

#### Personnel

Vice-President-Managing Director,
Robert J. Dean
Commercial Manager-Publicity Director,
George E. Bruntlett Program Director-Chief Announcer,
Harry Turner
News Editor
Director of Women's Programs,

#### 

Myrtle Robinson

Population—Primary Radio Homes— " Population—Secondary Radio Homes— "	Darytime 78,400 19,600 86,900 20,200	Evening 21,600 5,400 21,710
Source: Joint Committee	20,200	3,620

Dracidant

### WCAT

#### RAPID CITY-EST. 1921

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: South Dakota School of Mines. OPERATED BY: South Dakota School of Mines. BUSINESS ADDRESS: E. St. Joe St. PHONE: 1600-1. STUDIO ADDRESS: E. St. Joe St. TRANSMITTER LOCATION: E. St. Joe St. TIME ON THE AIR: 11:00 A.M. to 1:00 P.M. MST. NEWS SERVICE: Associated Press (non-Commercial).

#### Personnel

PresidentJ. P. Connolly
Station Manager
Chief AnnouncerRoland Groethe
Publicity Director Redford Dibble
Chief Engineer E. E. Clark
(Non-Commercial Station)

### KELO

#### SIOUX FALLS—EST. 1937

NATIONAL BROADCASTING COMPANY FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Sioux Falls Broadcast Assoc., Inc. OPERATED BY: Sioux Falls Broadcast Assoc., Inc. BUSINESS ADDRESS: 317 S. Phillips. PHONE. 757-8-9. STUDIO ADDRESS: 317 S. Phillips. TRANSMITTER LOCATION: 3 miles west of city limits. TIME ON THE AIR: 10:00 A.M. to 12:00 Midnight: Sundays, 9:00 A.M. to 12:00 Midnight: NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio.

#### Personnel

President and Station
ManagerJoseph Henkin
Vice-President-Promotion Manager,
S. Fantle, Jr.
Assistant Manager-Sales Director.
George R. Hahn
Vice-President and Program Manager,
Morton Henkin
Publicity Director Bill Rohn
Traffic ManagerEvans Nord
Chief Engineer
Representative
Howard H. Wilson & Co.

### KSOO

#### SIOUX FALLS—EST. 1926

NATIONAL BROADCASTING COMPANY FREQUENCY: 1140 Kc. POWER: 5000 watts. OWNED BY: Sioux Falls Broadcasting Ass'n., Inc. OPERATED BY: Same. BUSINESS ADDRESS: 317 S. Phillips. PHONE: 757-8-9. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 3 miles west of city limits. TIME ON THE AIR: 6:00 A.M. to local sunset; Sunday, 8:00 A.M. to local sunset. NEWS SERVICE:

United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio.

#### Personnel

President and Station
ManagerJoseph Henkin
Vice-President-Promotion Manager,
S. Fantle, Jr.
Assistant Manager-Sales Director,
George R. Hahn
Vice-President and Program Manager,
Morton Henkin
Publicity DirectorBill Rohn
Traffic Manager Evans Nord
Chief Engineer
Coverage
Population—Primary
Radio Homes— " 364,110
Population—Secondary 808.882
Radio Homes- "

### Source: NBC Statistical Department. Representative

Howard H. Wilson & Co.

### KUSD

#### VERMILLION—EST. 1922

FREQUENCY: 920 Kc. POWER: 500 walts. OWNED BY: University of South Dakota. OPERATED BY: University of South Dakota. BUSINESS ADDRESS: Union Bldg. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Science Bldg. TIME ON THE AIR: 1712 hours weekly.

#### Personnel

Student DirectorEd LaGrave,	Jτ.
Chief OperatorKenneth R	elf
Chief Engineer	an
(Non-Commercial Station)	

### KWAT

#### WATERTOWN-EST. 1940

FREQUENCY: 1240 Kc. POWER: 250 waits. OWNED BY: Midland National Life Insurance Co. OPERATED BY: Midland National Life Insurance Co. BUSINESS ADDRESS: Watertown. STUDIO ADDRESS: Watertown. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M. to 10:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Davis & Schwegler.

#### Personnel

Station Manager	F. L. Bramble
Sales Manager	Morris Wisott
Commercial Manager	
Program Director	Dale E. Russell
Chief Announcer	W. Lowell Pitt
Musical Director	Dorothy Vadakin
Chief Engineer	Sherrill Zimmerman
- an	

#### Coverage

	••	
Pcpulation—Primary		236,110
Radio Homes- "		76.618

### WNAX

#### YANKTON—EST. 1927

COLUMBIA BROADCASTING SYSTEM
THE COWLES STATIONS

FREQUENCY: 570 Kc. POWER: 5000 watts. OWNED BY: WNAX Broadcasting Co. OPERATED BY: WNAX Broadcasting Co. BUSINESS ADDRESS: Second and Capitol. PHONE: 443. STUDIO ADDRESS: Second and Capitol. Yankton: Orpheum Theat: Bldg., Sioux City. TRANSMITTER LOCATION: Yankton. TIME ON THE AIR: 5:30 A.M. to 12:00 Midnight, daily: 7:30 A.M. to 12:00 Midnight, Sundays. NEWSPAPER AFFILIATION: Des Moines Register & Tribune. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio, Lang-Worth.

#### Personnel

Station Manager	Robert R. Tincher
Commercial Manager	Phil Hoffman
Program Director	Arthur J. Smith
Sales Promotion Manager	James G. Gies
Production Manager	Herb Howard
Publicity Director	Susan Taylor
Chief Announcer	Arthur J. Smith
Musical Director	
Chief Engineer	Clilton M. Todd

#### Coverage

	Daylime	Evening
Population—Primary	3,917,100	1,673,900
Radio Homes- "	719,590	300,610
Population—Secondary	5,721,400	4,202,800
Radio Homes— "	1,240,400	889,580
Source: CBS Listening	Area Study	

#### Representative

The Katz Agency

# TENNESSEE:

Population 2,915,841

Number of Families 713,853

Number of Radio Homes 478,730

Auto Registrations 421,400

For 1940 Census data, please turn to page 277

### WOPI

BRISTOL—EST. 1929

NATIONAL BROADCASTING CO.
BLUE RIDGE NETWORK

FREQUENCY: 1490 Kc. POWER: 250 waits. OWNED BY: Radiophone Broadcasting Station WOPI. OPERATED BY: Radiophone Broadcasting Station WOPI. BUSINESS ADDRESS: 410 State St. PHONE: WOPI. STUDIO ADDRESS: 410 State St. TRANSMITTER LOCATION: Old Abingdon Pike. Bristol, Va. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight. (124 hours weekly). MAINTAINS ARTISTS' BUREAU. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

President and General Manager. W. A. Wilson
Commercial ManagerWalter Pritchard
Artists Bureau HeadMary Abell
Program Director-Chief Announcer,
Fey Rogers
Production Manager-Continuity Director,
Harry S. Hudson
Publicity DirectorBryn Mortenson
Chief EngineerRobert Smith

#### Coverage

### Representative Burn-Smith Co.

### WAPO

#### CHĀTTĀNOOGĀ—EST. 1936

NBC-BLUE

FREQUENCY: 1150 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: W. A. Patterson. OPERATED BY: W. A. Patterson. BUSINESS ADDRESS: Read House, TRANSMITTER LOCATION: Rossville Blvd. TIME ON THE AIR: 126 hours weekly, NEWS SERVICE: International News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

Owner	W. A. Patterson
General Manager	R. G. Patterson
Commercial Manager	R. N. Krepps
Program-Publicity Director	Helen Patterson
Chief Announcer	Bob Bosworth
Musical Director	Jimmy Johnston
Chief Engineer	B. B. Barnes

#### Coverage

Population—Primary ..... 167,500 Population—Secondary ..... 110,700 Source: Station survey.

### Representative

Headley-Reed Co.

### WDEV

#### CHATTANOOGA—EST. 1941

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Joe W. Engel. OPERATED BY: Joe W. Engel. BUSINESS ADDRESS: Volunteer Life Bldg. PHONE: 6-5664. STUDIO ADDRESS: Volunteer Life Bldg. TRANSMITTER LOCA-TION: Same. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. (112 hours weekly). NEWS SER-VICE: Associated Press. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ART-ISTS' BUREAU.

#### Personnel

President	. Joe W. Engel
Station Manager	Fred Bugg
Commercial Manager	Ovelton Maxey
Program Director	Eugene Wilkey
Artists' Bureau Head	Rachel Morton
Chief Engineer	J. V. Sanderson

#### CHATTANOOGA—EST. 1925 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1310 Kc. POWER: 5000 watts. OWNED BY: WDOD Broadcasting Corp. OP-ERATED BY: WDOD Broadcasting Corp. BUSI-NESS ADDRESS: Hamilton National Bank Bldg. PHONE: 6-5117. STUDIO ADDRESS: Hamilton National Bank Bldg. TRANSMITTER LOCA-TION: Baylor School. TIME ON THE AIR: 5:30 A.M. to 12:00 Midnight (1281/2 hours weekly), NEWS SERVICE: United Press, TRAN-SCRIPTION SERVICE: Associated, Lang-Worth.

#### Personnel

President-Station Manager,	Norman A. Thomas
Commercial Manager	.Carter M. Parham
Sales Promotion Manager.	Clifford Bowers
Program Manager	D. W. McCurdy
Chief Announcer	Chuck Simpson
Musical Director	Bob Barrett
Chief Engineer	J. C. Vessels
<b>44</b>	_

#### Coverage

Population—Primary	669,867
Radio Homes— "	98,930
Population—Secondary	659,682
Radio Homes— "	89,510
Source: Mail response analysis and	field in-
tensity survey; Joint Committee.	

#### Representative Paul H. Raymer Company

### WHUB

#### COOKEVILLE—EST. 1939

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: WHUB, Inc. OPERATED BY: WHUB, Inc. BUSINESS ADDRESS: Cookeville. STUDIO ADDRESS Cookeville. PHONE: 200. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to 10:00 P.M.; Saturday, 6:00 A.M. to 11:00 P.M.; Sunday, 8:00 A.M. to 10:00 P.M. (110 hours weekly). NEWS SER-VICE: United Press. TRANSCRIPTION SER-VICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

#### Personnel

President-Commercial Manager. M. L. Medley
Station ManagerBill Reeves
Artists' Bureau HeadAlbert Brogdon
Publicity Director Joe Mabry
Musical DirectorWillene Huddleston
Chief Engineer

#### Coverage

	Daytime	Evening
Population—Primary	108,661	65,196
Radio Homes— "	13,904	8,342
Population—Secondary	320,229	128,091
Radio Homes "	71,162	28,464
Source: Station survey	and astimo	de II S

Source: Station survey and estimate; U. S. Census; Joint Committee.

## WTJS

#### IACKSON-EST, 1930

MUTUAL BROADCASTING SYSTEM

FREQUENCY: 1390 Kc. POWER: 1000 watts. OWNED BY: Sun Pub. Co. OPERATED BY: Sun Pub, Co. BUSINESS ADDRESS: 104-106 E. Baltimore St. PHONE: 3340. MAIN STUDIO ADDRESS: 104-106 E. Baltimore St. TRANS-MITTER LOCATION: 2 miles south on Jackson Highway No. 45. OTHER STUDIOS: Union City, Milan, Humboldt, and Corinth, Miss. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATION: Jackson Sun. NEWS SERVICE: United Press, Associated Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

President
Station Manager
Sales and Sales Promotion Manager,
A. B. Robinson
Program-Publicity DirectorLeslie Brooks
Musical Director-Artists' Bureau Head,
James Allen
Chief Announcer
Director of Women's Programs,

Mrs. L. C. Merwin Director of Religious Programs, Donald Haynes 

#### Coverage

Population—Primary	286,422
Radio Homes— "	54,869
Population—Secondary	188,366
Radio Homes "	41,922

Source: Mail response analysis and field intensity survey: U. S. Consus.

### Representative

The Branham Company

### WJHL

#### JOHNSON CITY—EST. 1938

FREQUENCY: 910 Kc. POWER: 1000 waits. OWNED BY: WJHL, Inc. OPERATED BY: WJHL, Inc. DEUSINESS ADDRESS: P. O. Box 871. STUDIO ADDRESS: 412 S. Roan St. and Bonny Kate Theater Bldg., Elizabethton, Tenn. TRANSMITTER LOCATION: Johnson City. PHONE: 2211. TIME ON THE AIR: 6:00 A.M. to 11:15 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated.

#### Personnel

President-Station Manager, W. Hans Lancaster Business Manager. W. Kenneth Matthews Commercial Manager. Ken Marsh Program Director. Henry Frick Chief Engineer. O. K. Garland

Representative
Radio Advertising Corp.

### WKPT

KINGSPORT—EST. 1940
NATIONAL BROADCASTING CO.
—BLUE RIDGE NETWORK

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Kingsport Broadcasting Co., Inc. OPERATED BY: Kingsport Broadcasting Co., Inc. BUSINESS: ADDRESS: Radio Center. STUDIO ADDRESS: Radio Center. TRANSMITTER LOCATION: East Kingsport. TIME ON THE AIR: 6:30 A.M. to 11:30 P.M. NEWSPAPER AFFILIATION: Kingsport Times. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System. MAINTAINS ARTISTS' BUREAU.

#### Personnel

President
Station ManagerJess Swicegood
Program Director Steve Douglas
Production ManagerHaden Huddleston
Chief EngineerGladman W. Upchurch

#### Coverage

	Daytime	Evening
Population—Primary	193,621	35,036
Radio Homes— "	29,06 <b>0</b>	6,540
Source: Station survey		

#### Representative

Weed & Company

### WBIR\*

KNOXVILLE—EST. 1921
MUTUAL BROADCASTING SYSTEM

FREQUENCY: 1240 Kc. POWER: 250 watts.
OWNED BY: J. W. Birdwell. OPERATED
BY: J. W. Birdwell. BUSINESS ADDRESS:
Chamber of Commerce Bldg., 816 South Gay
St. STUDIO ADDRESS: Same. TRANSMITTER
LOCATION: Knoxville. TIME ON THE AIR:
125 hours weekly. NEWS SERVICE: United
Press, TRANSCRIPTION SERVICE: Associated.
MAINTAINS ARTISTS' BUREAU.

#### Personnel

Cwner-Manager J. W. Birdwell
Commercial & Sales Promotion
Manager John P. Hart
Program Musical Director B. C. Barbon Jr.

construction permit at time of going to press.

### WNOX

### KNOXVILLE—EST. 1941 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 990 Kc. POWER: 5000 waits, d.; 1000 waits, n. OWNED BY: Scripps-Howard Radio, Inc. OPERATED BY: Scripps-Howard Radio, Inc. BUSINESS ADDRESS: H10:112 S. Gav St. PHONE: 3-3171-5. NEW YORK OFFICE: 230 Park Ave., New York, N. Y. STUDIO ADDRESS: 110:112 S. Gay St. TRANSMITTER LOCATION: Anderson Road near Beverly. TIME ON TIE AIR: 5:00 A.M. to 12:00 Midnight: Saturday, 5:00 A.M. to 1:00 A.M.: Sunday, 5:30 to 12:00 Midnight (133 hours weekly). NEWSPAPER AFFILIATION: Knoxville News-Sentinel. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

President Jack R. Howard
Vice-President-General Manager,
R. B. Westergaard
Program Director Lowell Blanchard
Traffic Manager ... Walter Coming

Coverage

	Daytime	Evening
Population—Primary	512,344	377,590
Radio Homes— "	75,840	57,560
Population—Secondary	724,423	491,652
Radio Homes— "	90,770	61,000

Source: Field intensity survey; U. S. Census; Joint Committee.

#### Representative

The Branham Co.

### WROL

#### KNOXVILLE-EST. 1927

NBC-(RED & BLUE)

FREQUENCY: 620 Kc. POWER: 1000 watts, d.; 500 watts, n. OWNED BY: Stuart Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: 524 S. Gay St. PHONE: 2-7112. STUDIO ADDRESS: Same. TRANS: MITTER LOCATION: Holston Hills, 3 miles northeast of Knoxville. TIME ON THE AIR: 5:00 A.M. to 12:00 Midnight: Sundays, 6:00 A.M. to 12:00 Midnight: Sundays, 6:00 A.M. to 12:00 Midnight (132 hours weekly). NEWS SERVICE: International News Service, Associated Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

President

S F Adeock

	114000
Station Manager	Frazier
Program DirectorJohn F	I. Reese
Chief EngineerJoe	Wofford
Coverage	
Population—Primary	580,000
Radio Homes— "	80,000

 Radio Homes—"
 80,000

 Population—Secondary
 1,000,000

 Radio Homes—"
 150,000

Source: Field intensity survey and estimate; Department of Commerce: Joint Committee.

Representative
John Blair & Co.

## WHBQ

#### MEMPHIS—EST. 1925

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Broadcasting Station WHBQ. Inc. OPERATED BY: Broadcasting Station WHBQ, Inc. BUSINESS ADDRESS: Hotel Claridge. PHONE: 8-6888. STUDIO ADDRESS: Hotel Claridge. TRANSMITTER LOCATION: Court & Neely. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICE: Lang-Worth, Davis & Schwegler.

#### Personnel

President	. Thos. Thompson
Secretary-Treasurer	H. B. Wooten
General Manager	E. A. Alburty
Chief Announcer E	mmett McMurray
Sales Manager	E. Pournelle
Publicity Director	Gene Carr
Artists' Bureau Head and	
Musical Director	J. M. Klaer
Chief Engineer	Weldon Roy

#### Coverage

	Daytime	Evening
Population—Primary	512,298	392,870
Radio Homes— "	82,400	70,000
Population—Secondary	987,900	791,450
Radio Homes— "	99,380	91,210
Source: Mail response	analysis;	U.S.
Census: Department of Con	merce.	

### W M C

#### MEMPHIS—EST. 1923 NBC—(RED)

SOUTH CENTRAL QUALITY NETWORK

FREQUENCY: 790 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNID BY: Memphis Publishing Co. OPERATED BY: Memphis Publishing Co. BUSINESS ADDRESS: Goodwyn Institute. PHONE: 8-7464. STUDIO ADDRESS: Goodwyn Institute. TRANSMITTER LOCATION: 5 Points, Tenn. TIME ON THE AIR: 5:30 A.M. to 12:00 Midnight: Saturday, 5:30 A.M. to 1:00 A.M. NEWSPAPER AFFILIATIONS: Commercial Appeal. NEWS SERVICE: United Tress. TRANSCRIPTION SERVICES: NBC Thesaurus, NAB Library, Lang-Worth, Davis & Schwegler, C. P. MacGregor.

#### Personnel

General Manager
Commercial ManagerJ. C. Eggleston
Local Sales Manager William H. Fielding
Chief AnnouncerEarl Moreland
Program ManagerJohn Cleghorn
Musical Director Leonard McEwen
Chief Engineer

#### Coverage

### Representative

The Branham Company

### WMPS

#### MEMPHIS—EST. 1925 NBC (BLUE)—MBS

FREQUENCY: 1460 Kc. POWER: 1000 watts, d.: 500 Watts, n. OWNED BY: Memphis Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 62 North Main St. PHONE: 5-2721. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 1690 S. Lauderdale. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATION: Memphis Press-Scimitar (Scripps-Howard papers). TRANSCRIPTION SERVICE: Standard Radio. NEWS SERVICE: United Press.

#### Personne!

President Jack R. Howard
Vice President-General
Manager
Program Director-News
Editor Lawrence Trexler
Chief Engineer
Coverage

 Population—Primary
 483,000

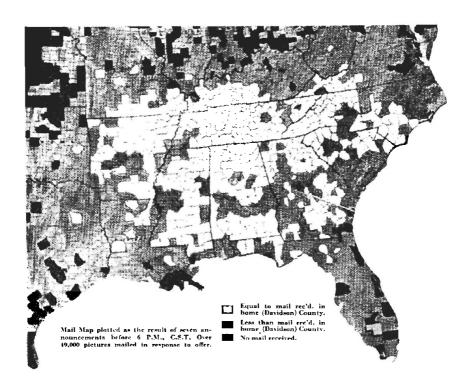
 Radio Homes
 91,700

 Population—Secondary
 342,400

 Radio Homes—"
 35,700

Source: Mail response analysis.

# It's Results That Count!



What do you want your radio dollar to buy? Walts, towers, channels, talent . . . or results? If it's results you're after, then choose WSM1

Oh Yes, you'll get some watts . . . 50,000 of them (as many as any other station) on a clear channel with its large secondary. You'll get a tower, too . . . America's tallest.

But if you want results, study the above map. This is only one "success story" where a WSM advertiser got results . . . there are a lot more, and if it's results you're after, better send for them, today.



NASHVILLE, TENN.

HARRY L. STONE, Gen'l. Mgr.

### WREC

MEMPHIS-EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 600 Kc. POWER: 5000 watts. OWNED BY: Hoyt B. Wooten d b as WREC Broadcasting Service. OPERATED BY: Hoyt B. Wooten d b as WREC Broadcasting Service. BUSINESS ADDRESS: Hotel Peabody. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Memphis. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System, Lang-Worth.

#### Personnel

Owner-General Manager....Hoyt B. Wooten

Coverage
Population—Primary 2,110,900
Radio Homes— 348,500
Source: Field intensity survey.

Representative
The Katz Agency

### WLAC

#### NASHVILLE-EST. 1926

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1510 Kc. POWER: 50000 watts. OWNED BY: J. T. Ward. OPERATED BY: WLAC Broadcasting Service. BUSINESS ADDRESS: Third National Bank. PHONE: 6-0161. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Dixie Highway. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight. NEWS SERVICES: United Press. TRANSCRIPTION SERVICES: World Broadcasting System, Lang-Worth, C. P. MacGregor.

#### Personnel

OwnerJ. T. Word
Station and Sales ManagerF. C. Sowell
Publicity DirectorPaul Oliphant
Musical DirectorCharles Nagy
Chief EngineerF. D. Binns
Cararaga

#### Coverage

Population—Primary	583,000
Radio Homes— "	103,900
Population—Secondary	468,000
Radio Homes— "	72,900
Source: Mail response analysis.	

Representative
Paul H. Raymer Company

### WSIX

NASHVILLE—EST. 1927
MUTUAL BROADCASTING SYSTEM
FREQUENCY: 1240 Kc. POWER: 250 watts.
OWNED BY: WSIX, Inc. OPERATED BY:

WSIX, Inc. BUSINESS ADDRESS: Nashville Trust Bldg. PHONE: 5-5431. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Third and Boscobel Sts. TIME ON THE AIR: 18 hours daily: Sundays, 16 hours. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: Standard Radio, C. P. MacGregor, Associated Music Publishers, Davis & Schwegler.

#### Personnel

President-Station Manag	er Iack M Draughon
-	
Commercial Manager	Lugene S. Tanner
Program Director	Roger N. Phillips
Publicity Director	R. L. Chaudoin
Chief Announcer	Joe H. Calloway, Jr.
Music Librarian	Thomas J. MacWilliams
Chief Engineer	B. E. Porter

#### Coverage

Population—Primary	265,525
Radio Homes— "	55,608
Population—Secondary	198,220
Radio Homes— "	32,711

#### Representative Headley-Reed Co.

### WSM

#### NASHVILLE—EST. 1925 NATIONAL BROADCASTING CO.

FREQUENCY: 650 Kc. POWER: 50,000 watts. OWNED BY: National Life & A. Insurance Co. OFERATED BY: Same. BUSINESS ADDRESS: National Bldg. PHONE: 6-7181. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Franklin, Tenn. TIME ON THE AIR: 127 hours weekly. NEWS SERVICE: International News Service: United Press (locally). TRANSCRIPTION SERVICE: C. P. MacGregor, Lang-Worth. MAINTAINS ARTISTS' BUREAU.

#### Personnel

Executive Vice-President Edwin W. Craig
Station Manager
Local Sales ManagerW. S. Dustin
Publicity DirectorJack Harris
Program Director
Artists' Bureau Head Ford Rush
Promotion ManagerA. E. Gibson
Audience Relations Manager, George D. Hay
Musical Directors, Pietro Brescia, Beasley Smith
Chief Engineer

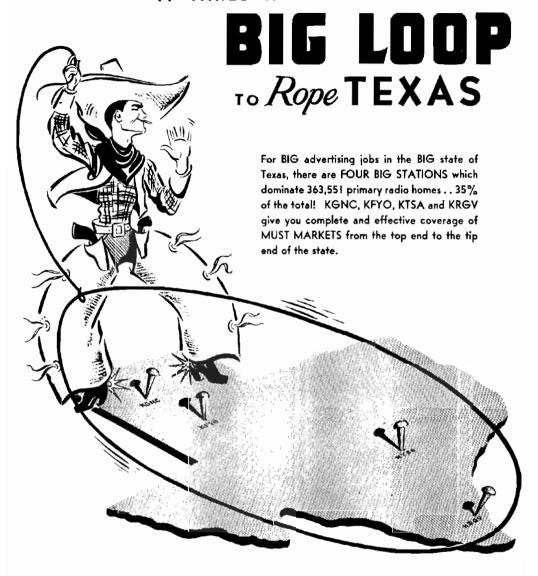
#### Coverage

Population—Primary	2,399,000
Radio Homes— "	317,900
Population—Secondary	3,389,200
Radio Homes— "	370,300

Source: Mail response unalysis.

#### Representative

Edward Petry & Co.



## KGNC AMARILLO KFYO LUBBOCK KTSA SAN ANTONIO KRGV WESLACO

Complete data on these stations and their markets is probably already in your file. If not, it will be sent direct, upon request, or will be furnished, gladly, by—

HOWARD H. WILSON COMPANY, REPRESENTATIVE

## TEXAS

Population 6,414,824

Number of Radio Homes 1,137,210

Number of Families 1.674,828

Auto Registrations 1,687,016

For 1940 Census data, please turn to page 278

### KRBC

ABILENE—EST. 1936
MUTUAL BROADCASTING SYSTEM
TEXAS STATE NETWORK

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Reporter Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Hilton Hotel. PHONE: 6255 (for studio); 4030 (for transmitter). STUDIO ADDRESS: Hilton Hotel. TRANSMITTER LOCATION: Ambler Ave. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. (112 hours weekly). NEWSPAPER AFFILIATION: Abilene Reporter-News. NEWS SERVICE: United Press, from Texas State Network. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

#### 

Vice-President & Managing		
Director	d Barrett	
General ManagerElliott 1	Roosevelt	
Secretary Athalen	e Gulley	
Program Director-Artists' Bureau Head		
Frank	McIntyre	
Chief EngineerFred F	lammond	
Coverage		
Population—Primary	273,052	
Radio Homes— "	36,800	

Radio Homes— "
Source: Mail response analysis.

Representative

Population—Secondary

Texas State Network

### KFDA

AMARILLO—EST. 1939
MUTUAL BROADCASTING SYSTEM
TEXAS STATE NETWORK

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Amarillo Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Nunn Bldg. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight; Sunday, 7:00 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATION: Ashland (Ky.) Independent. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio, Davis & Schwegler.

#### Personnel

President	. Gilmore	N.	Nunn
General Manager	Earl R.	Stran	dberg

Commercial Manager	Howard Roberson
Program Director	. Harold Kimmell
Chief Announcer	.Leonard Johnson
Musical-Publicity Directant.	Audre Lipscomb
Chief Engineer	Howard Blaker

#### Coverage

	Daytime	Evening
Population—Primery	156,958	90,616
Radio Homes "	35,611	18,000
Population—Secondary	244.885	61,100
Radio Homes "	36,260	9,767
Source: U. S. Census: Joi	nt Committ	ee; mail

response analysis.

### Representative

John H. Perry Associates

### KGNC

AMARILLO—EST. 1924
NATIONAL BROADCASTING CO.
LONE STAR CHAIN

FREQUENCY: 1440 Kc. POWER: 5000 watts, d.: 1000 watts, n. OWNED BY: Plains Radio Broadcasting Co. OPERATED BY: Plains Radio Broadcasting Co. BUSINESS ADDRESS: 81h & Harrison. PHONE: 4242. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Bellaire Park. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATION: Amarillo Globe-News, Lubbock Avalanche Journal. NEWS SERVICE: United Press, Associated Press. TRANSCRIPTION SERVICES: World Broadcasting System, NAB Library, Lang-Worth.

#### Personnel

PresidentO. L. Taylor
General ManagerJohn Ballard
Assistant General Manager,
Raymond Hollingsworth

Merchandising Manager. James Stanberry
Musical Director. Eddie Baumel
Chief Engineer. W. S. Bledsoe

#### Coverage

Population—Primary	315,878	
Radio Homes "	58, <b>960</b>	
Population—Secondary	562,933	
Radio Homes— "	92,890	
Source: Station survey: Joint Committee.		

#### Representative

Howard H. Wilson Co. (See Page 564)

225,031

30.500

### KNOW

#### AUSTIN—EST. 1923

MUTUAL BROADCASTING SYSTEM TEXAS STATE NETWORK

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Frontier Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Norwood Bidg. PHONE: 2-6213-4. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: First and Tillery Sts. TIME ON THE AIR: 6:30 A.M. to 11:30 P.M. (114 hours weekly). NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

President H. M. Station Manager Charles B Program Director-Artists' Bureau Head,		
Pat A	delman	
Publicity DirectorJ. Mabe	l Clark	
Chief AnnouncerConrad	Vernon	
Musical DirectorMargaret	Johnson	
Chief EngineerJames	s Lewis	
Coverage		
Population—Primary	240,000	
Radio Homes— "	60,000	
Population—Secondary	400,000	
Radio Homes— "	100,000	

### KTBC

Source: Station survey; U. S. Census.

AUSTIN-EST. 1939

FREQUENCY: 1150 Kc. POWER: 1000 watts. OWNID BY: State Capitol Broadcasting Assn. OPERATED BY: State Capitol Broadcasting Association. BUSINESS ADDRESS: 119 A West 8th St. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Dallas Highway. TIME ON THE AIR: Specified hours; 6:00 A.M. to local sunset. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

President	R.	В.	An	derson
Station Manager	Aub	rey	H.	Escoe
Commercial Manager	0	hai	les	Rider
Program Director	F	red	Ca	ldwell
News Editor-Publicity Director	M	erle	Mc	Murry
Director of Women's Program	s	lren	e V	Vayne
Chief Engineer		.H	зггу	Slife

#### Coverage

Population—Primary	565,000
Radio Homes— "	187,000
Population—Secondary	885,000
Radio Homes— "	120,550
Source: Station survey; Joint Co.	mmittee;
1940 U. S. Census.	

### KFDM

#### BEAUMONT-EST. 1924

NATIONAL BROADCASTING COMPANY FREQUENCY: 560 Kc. POWER: 1000 Watts. OWNED BY: Beaumont Broadcasting Co., Inc. OPERATED BY: Beaumont Broadcasting Co., Inc. BUSINESS ADDRESS: Beaumont. PHONE: 3882. STUDIO ADDRESS: Edson Hotel. TRANSMITTER LOCATION: Doucette and Grove Sts. TIME ON THE AIR: 18 hours daily. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

President	C. W. Snider
General Manager	C. B. Locke
Program Director	Len Finger
Sales Promotion Manager	.Ed E. Carroll
Publicity Director	Leon Taylor
Musical DirectorGeorge	W. Caldwell
Chief Engineer	Leon Saye
Coverage	•

Source: Field intensity survey: U. S. Census; Joint Committee.

#### Representative

Howard H. Wilson Co.

### KRIC

#### BEAUMONT-EST. 1939

FREQUENCY: 1450 Kc. POWER: 250 waits. OWNED BY: KRIC, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 130 Wall St. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight. NEWSPAPEN AFFILIATION: Beaumont Enterprise & Journal. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

President	írs, )	. L.	Μe	apes
Station Manager		Ja	ck	Neil
Sales Manager		. G.	L.	Kirk
Program Director	]	oe :	3. 3	frum
Chief EngineerCler	nent	s M	cDe	aniel

#### Coverage

				Daytime
Population-	—Primary	<b>.</b> ,		250,000
Radio Hom	.es " ¯			71,400
Population-	-Secondar	у		500,000
Radio Hom	.es— ''	- 		142,800
Source:	Chamber	of	Commerce;	station
7114IIATE		_		

### **KBST**

BIG SPRING—EST. 1936 MBS—TEXAS STATE NETWORK

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Big Spring Herald Broadcasting

Co. OPERATED BY: Same. BUSINESS ADDRESS: Crawford Hotel, PHONE: 1500-1. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: One mile east of town. TIME ON THE AIR: 16 hours daily. NEWSPAPER AFFILIATION: Big Spring Herald. NEWS SERVICE: United Press (via Texas State Network). TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

#### Personnel

President	Barreti
General ManagerElliott Ro	osevelt
Station ManagerJack V	Wallace
Program-Musical DirectorLou	Palmer
Publicity DirectorBill	Parady
Chief Engineer	. Casey
Coverage	
Population—Primary	120,600
Radio Homes— "	16,300
Population—Secondary	100,000
Radio Homes— "	15,400
Source: Joint Committee.	

### Representative Texas State Network

### KNEL

BRADY-EST. 1935

FREQUENCY: 1490 Kc. POWER: 250 watts, d.; 100 Watts, n. OWNED BY: G. L. Burns. OPERATED BY: G. L. Burns. BUSINESS ADDRESS: Gibbons Bidg. PHONE: 77. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: East Brady. TIME ON THE AIR: 7:00 A.M. to 10:30 P.M. NEWS SERVICE: Hear O' Texas News (local).

#### 

Commercial ManagerJoh	in Sloane
Chief AnnouncerNorris	Compbell
Chief Engineer	Crawlord
Coverage	
Population—Primary	129,000
Radio Homes— "	

Population—Secondary
Radio Homes— "
Source: Mail response analysis.

Representative
Cox & Tanz

### KGFI

#### BROWNSVILLE—EST. 1937

FREQUENCY: 1490 Kc. POWER: 250 waits. OWNED BY: Eagle Broadcasting Co. OPERATED BY: Eagle Broadcasting Co., Inc. BUSINESS ADDRESS: P. O. Box 329. PHONE: 1044. STUDIO ADDRESS: Brownsville-San Benito Highway, Brownsville; Stonewall Jackson Hotel, San Benito; Madison Hotel, Harlingen. TRANSMITTER LOCATION: Brownsville. TIME ON THE AIR: 106 hours weekly.

#### Personnel

General ManagerE. E. "Jack" Wils	on
Commercial ManagerLeonard W. Brig	gs
Publicity-Traffic ManagerF. R. Wils	on
Program DirectorEloise Alexand	ler
Chief Announcer	on
Chief Engineer	on

Representative

Cox & Tanz

### K B W D \*

#### BROWNWOOD-EST, 1941

FREQUENCY: 1350 Kc. POWER: 500 watts. OWNED BY: Wendell Mayes. Joe N. Weatherby, B. P. Bludworth and J. S. McBeath d/b as Brown County Broadcasting Co. OPERATED BY: Brown County Broadcasting Co. BUSINESS ADDRESS: Brownwood. PHONE: 338. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited license. NEWSPAPER AFFILIATION: Brownwood Bulletin.

#### Personnel

President-Station Manager.....Wendell Mayes
\*Station was licensed to operate under a
construction permit at time of going to press
and no further information was available.

### WTAW

COLLEGE STATION—EST, 1921

FREQUENCY: 1150 Kc. POWER: 1000 watts (C.P. 1000 watts). OWNED BY: A. & M. College. OPERATED BY: A. & M. College. BUSINESS ADDRESS: College Station. PHONE: 255. STUDIO ADDRESS: College Station. TRANSMITTER LOCATION: College Station. TIME ON THE AIR: Shares daytime hours with KTBC.

#### Personnel

### KEYS\*

#### CORPUS CHRISTI—EST. 1941

FREQUENCY: 1500 Kc. POWER: 250 watts. OWNED BY: Earl C. Dunn and Charles Rossi d/b as Nueces Broadcasting Co. OPERATED BY: Nueces Broadcasting Co. BUSINESS ADDRESS: Corpus Christi. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited license.

#### Personnel

126,900

22,300

### KRIS

CORPUS CHRISTI—EST. 1937 NATIONAL BROADCASTING CO. MUTUAL BROADCASTING SYSTEM

LONE STAR CHAIN

FREQUENCY: 1360 Kc. POWER: 1000 watts. OWNED BY: Gulf Coast Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Medical and Professional Bldg., P. O. Box 840. PHONE: 6354. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Corpus Christi. NEWSPAPER AFFILIATION: Corpus Christi Caller-Times. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

#### Coverage

Population—Primary	195,800
Radio Homes— "	28,700
Population—Secondary	76,500
Radio Homes— "	8,400
Source: Mail response analysis.	

### Representative The Branham Co.

### KAND

CORSICANA—EST. 1937

MUTUAL BROADCASTING SYSTEM FREQUENCY: 1340 Kc. P.OWER: 250 watts. OWNED BY: Navarro Broadcasting Assn. OPERATED BY: Navarro Broadcasting Assn. BUSINESS ADDRESS: State Natl. Bank Bldg. PHONE: 30. STUDIO ADDRESS: State Natl. Bank Bldg. TRANSMITTER LOCATION: Highway 75. TIME ON THE AIR: 16½ hours daily. Navy 75. ERRVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

#### Coverage

Population—Primary	*64,510
Radio Homes— "	39,030
Population—Secondary	*75,590
Radio Homes - "	48,310
'Families.	

Source: Field intensity measurements; estimate. lacktriangle

### KRLD

DALLAS—EST. 1926

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1080 Kc. POWER: 50,000 Watts. OWNED BY: KRLD Radio Corp. OPERATED BY: KRLD Radio Corp. BUSINESS ADDRESS: Adolphus Hotel. PHONE: 2-6811. STUDIO ADDRESS: Adolphus Hotel. TRANSMITTER LOCATION: Garland. TIME ON THE AIR: 5-45 A.M. to 1:00 A.M. NEWSPAPER AFFILIATION: Dallas Times Herald. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

PresidentTom C. Gooch
Managing DirectorJ. W. Runyon
Station & Com. Mgr
Program DirectorRuth Clem
Production Manager
Publicity DirectorDouglas Hawley
Chief AnnouncerJ. W. Crocker
Musical Director
Chief Engineer
Canana

#### Coverage

Population-Prin	nary	3,276,943
Radio Homes—		537,280
Population-Seco	ondary	6,972,379
Radio Homes—		1,155,260
Source: Field	intensity measureme	ents; 1940
U. S. Census.	=	

#### Representative

The Branham Co.

### WFAA

DALLAS—EST. 1922

NBC—RED and TEXAS QUALITY FREQUENCY: 820 Kc. POWER: 50,000 Watts, OWNED BY: A. H. Belo Corp. OPERATED BY: A. H. Belo Corp. and The Dallas Morning News. BUSINESS ADDRESS: Santa Fe Bldg. PHONE: 7-9631, LD 794. STUDIO ADDRESS: Santa Fe Bldg. TRANSMITTER LOCATION: Near Grapevine, Texas. TIME ON THE AIR: WFAA-WBAP operated continuously 5:30 A.M. to Midnight (daily): 7:30 A.M. to Midnight (Sunday). NEWSPAPER AFFILIATION: The Dallas Morning News. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Lang-Worth. MAINTAINS ARTISTS' BUREAU.

#### Personnel

President E. M. Dealey
Managing DirectorMartin Campbell
Station Manager Alex C. Keese
Sales and Promotion ManagerIrvin Gross
Program Director-Artists' Bureau Head,

Ralph Nimmons
Publicity Director Norval Schneringer
Musical Director Karl Lampertz
Chief Announcer Hal Thompson
Chief Engineer Raymond Collins

#### Coverage\*

Daylime	Lvening
Population—Primary 5,327,484	5,327,484
Radio Homes— " 805,700	805,700
Population—Secondary 7,259,620	7,259,620
Radio Homes— " 1,267,300	1,267,300

\*Coverage increase estimate 30 per cent over presented figures since installation of vertical antenna.

Source: NBC Airea Study.

#### Representative Edward Petry & Co., Inc. (See Page 570)

### WRR

DALLAS—EST. 1920
MUTUAL BROADCASTING SYSTEM
TEXAS STATE NETWORK

FREQUENCY: 1310 Kc. POWER: 5000 watts. OWNED BY: City of Dallas. OPERATED BY: City of Dallas. OPERATED BY: City of Dallas. BUSINESS ADDRESS: Municipal Bldq. PHONE: 3-6101. STUDIO ADDRESS: State Fair Grounds. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:45 A.M. to 12:00 Midnight. NEWS SERVICES: Transradio Press. MAINTAINS ARTISTS BUREAU.

#### Personnel

Managing DirectorCharles B.	Jordan
Commercial ManagerDale	Drake
Program DirectorPete 7	'eddlie
Promotion-Merchandising ManagerHal	Smith
Program-Publicity Director and	

Artists' Bureau Head ....... Pete Teddlie Production Manager-Chief Announcer,

Buddy Harris
Musical Director Murray Lambert
Chief Engineer D. J. Tucker

#### Coverage

	Evening
Population—Primary	2,400,412
Radio Homes— "	285,600
Source: Station survey.	

### KDNT

#### DENTON—EST. 1938

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Harwell V. Shepard. OPERATED BY: Same. BUSINESS ADDRESS: 216 Jackson Bldg. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Highway No. 24. TIME ON THE AIR: 15½ hours daily. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU.

#### Personnel

Owner	pard
Sales Manager	Cecil
Program DirectorBob	Syler
Chief Engineer	ycult

#### Coverage

			Daytime	Evening
Population-	—Primo	ır <b>y</b>	. 714,000	75,000
Radio Hon	nes— "	·	. 142.B80	10,000
Source: analysis.	Mail	and	telephone	response

### KFPL

DUBLIN-EST, 1924

FREQUENCY: 1340 Kc. POWER: 250 watts, d.: 100 Watts, n. OWNED BY: C. C. Baxter, OPERATED BY: C. C. Baxter, BUSINESS ADDRESS: 205 Grafton. PHONE: 183. STUDIO ADDRESS: 205 Grafton. TRANSMITTER LOCATION: One-

half mile out of city limits. TIME ON THE AIR: Unlimited license.

#### Personnel

## KROD

EL PASO—EST. 1940
COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 600 Kc. POWER: 1000 watts, d.: 500 watts, n. OWNED BY: Dorrance D. Roderick. OPERATED BY: Dorrance D. Roderick. BUSINESS ADDRESS: 2201 Wyoming St. PHONE: Main 2020. STUDIO ADDRESS: 2201 Wyoming St. TRANSMITTER LOCATION: Hemmett Blvd. TIME ON THE AIR: 121½ hours weekly. NEWSPAPER AFFILIATION: EI Paso Times. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated.

#### Personnel

Owner	Dorrance D. Roderick
Station Manager	Merle H. Tucker
Commercial Manager	Larry A. Harris
Program-Musical Director	H. Arthur Brown
Publicity Director	William Iolesch
Chief Engineer	
<b>A</b>	

#### Coverage

Population—Primary	172,559
Radio Homes— "	31,210
Source: Station estimate.	

Representative
Howard H. Wilson Co.

### KTSM

EL PASO—EST. 1929

NBC (OPTIONAL RED & BLUE)
FREQUENCY: 1380 Kc. POWER: 1000 watts.
OWNED BY: Tri-State Broadcasting Co., Inc.
OPERATED BY: Same. BUSINESS ADDRESS:
P. O. Box 1976. STUDIO ADDRESS: Paso Del
Norte Hotel. PHONE: Main 3122. TRANSMITTER LOCATION: First Ave., near U. S. Highway No. 8. TIME ON THE AIR: 6:00 A.M. to
11:30 P.M. NEWS SERVICE: United Press.
TRANSCRIPTION SERVICES: NBC Thesaurus.
C. P. MacGregor.

#### Personnel

President	Mrs. L. E. Bredberg	
General Manager	Karl O. Wyler	
Sales Manager	Willard E. Kline	
Program Director	Roy T. Chapman	
Publicity Director	Eric Munro	
Chief Engineer	E. L. Gemoets	
Conoman		

#### Coverage

Population—Primary	153,000
Radio Homes— "	32,500
Population—Secondary	170,000
Radio Homes— "	37,000

Source: Station survey.

### Representative George P. Hollingbery Co.



### Three Stations







### Two Cities





### One Centralized Management



It's easier than ever now to invest your advertising dollars profitably in "America's Fastest Growing Market". WFAA-WBAP, with the largest 50,000 work primary coverage in the United States and KGKO, second only to its sister station in the Southwest, are jointly operated by The Fort Worth Stat-Telegram and The Dollas Morning News, with a centralized sales office to assist you in placing your schedules where you'll get the most for your money. When you're thinking of Texas and Oklahema, with millions of radio listeners with billions to spend, investigate this combination.

National Representatives

WFAA-WBAP: Edward Petry & Co., Inc. KGKO: Free & Peters, Inc.

FORT WORTH—EST. 1922 MBS—TEXAS STATE NETWORK

FREQUENCY: 1270 Kc. POWER: 5000 watts. OWNED BY: Tarrant Broadcasting Co. OP-ERATED BY: Tarrant Broadcasting Co. BUSI-NESS ADDRESS: 1201 West Lancaster. STU-DIO ADDRESS: 1201 West Lancaster. PHONE: 3-3474. TRANSMITTER LOCATION: Birdville, Texas. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight (12212 hours weekly). NEWS SER-VICE: United Press.

#### Personne!

President	Elliott Roosevelt	
Secretary-Treasurer	H. A. Hutchinson	
General Manager	Miss Jean Rabyor	
Commercial Manager	Fred L. Edwards	
Program Director	Helen Jane Behlke	
Publicity Director	Forest Clough	
Musical Director	George McCullough	
Chief Engineer	Ed L. Starnes	
Coverage		

Population—Primary	1,204,878
Radio Homes— "	240,600
Population—Secondary	1,468,700
Radio Homes— "	250,000

Source: Field intensity survey.

# FORT WORTH—EST. 1928 NBC—LONE STAR CHAIN

FREQUENCY: 570 Kc. POWER: 5000 watts. OWNED BY: Amon G. Carter. OPERATED BY: Same. BUSINESS ADDRESS: Medical Arts, Fort Worth; Santa Fe Bldg., Dallas. PHONES: Fort Worth 3-1234; Dallas 7-9631 and Central 1330. TRANSMITTER LOCA-TION: Arlington. TIME ON THE AIR: 6:00 A.M. to midnight, daily: 8:00 A.M. to midnight, Sundays. NEWSPAPER AFFILIATION: Fort Worth Star-Telegram, Dallas Morning News. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System, NBC Thesaurus.

#### Personnel

President	Amon G. Carter
General Manager	
Managing Director	_
Station Manager	-
Publicity Director	
Chief Announcer	
Program Director	
Chief Engineer	

#### Coverage

	Daytıme	Evening
Population—Primary	1,383,488	939,260
Radio Homes— "	493,775	479,667
Population—Secondary	2,437,802	1,234,783
Radio Homes—"	187,610	30,034

Source: Joint Committee.

#### Representative

Free & Peters, Inc.

### WBAP

#### FORT WORTH-EST, 1922 NBC-TEXAS QUALITY NETWORK

FREQUENCY: 820 Kc. POWER: 50,000 Watts. OWNED BY: Carter Publications, Inc. OPERATED BY: Star-Telegram. BUSINESS ADDRESS: Medical Arts Bldg. STUDIO AD-DRESS: Same. TRANSMITTER LOCATION: Grapevine. TIME ON THE AIR: 5:45 A.M., closes midnight (shared with WFAA). NEWS-PAPER AFFILIATIONS: Fort Worth Star- Telegram. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: World Broadcasting System, Lang-Worth,

#### Personnel

President	.Amon G. Carter
General Manager	.Harold V. Hough
Assistant General Manager.	.George Cranston
Commercial Manager	Jack Keasler
Program Director	Ed Lally
Publicity Director	Elbert Haling
Chief Announcer	Frank Mills
Chief Engineer	R. C. Stinson

#### Coverage

Population—Primary	<b></b> .	5.327.484
Radio Homes "		805,700
Population—Secondary		7,259,620

Source: NBC Airea Study.

#### Representative Edward Petry & Company

### KLUF

#### GALVESTON—EST. 1922

FREQUENCY: 1400 Kc. POWER: 250 waits. OWNED BY: KLUF Broadcasting Co. OPER-ATED BY: Same. BUSINESS ADDRESS: 60th & Broadway. PHONE: 6676. STUDIO AD-DRESS: 60th & Broadway. TRANSMITTER LO-CATION: Same. TIME ON THE AIR: 7:00 a.m. to 11:00 p.m. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

President
Commercial and Sales Promotion Manager,
C. V. Bracht
Program-Publicity Director H. D. Clough
Chief EngineerL. D. Clough

#### Coverage

Daytime Evening 576,321 102,290 Population—Primary .... Source: Station survey.

### **KPRC**

HOUSTON—EST. 1925 NBC—TEXAS QUALITY NETWORK

FREQUENCY: 950 Kc. POWER: 5000 watts. OWNED BY: Houston Printing Corp. OPERATED BY: Same. BUSINESS ADDRESS: Lamar Hotel. PHONE: Fairfax 7101. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Deepwater. TIME ON THE AIR: 6:00 A.M. to Midnight (125 hours weekly). NEWSPAPER AFFILIATION: The Houston Post. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

President	W. P. Hobby
Station Manager	Kern Tips
Program Director	.Jack McGrew
Publicity Director	Lois Cain
Musical Director	K. Burt Sloan
Chief Engineer	H. T. Wheeler

#### Coverage

Population—Primary	1,412,700
Radio Homes— "	227,960
Population—Secondary	386,100
Radio Homes— "	45 400
Comment ATD C. Alleren Committee	

Source: NBC Airea Study.

Representative

Edward Petry & Co.

### KTRH

HOUSTON—EST. 1930

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1320 Kc. POWER: 5000 waits. OWNED BY: KTRH Broadcasting Co. OPERATED BY: Houston Chronicle. BUSINESS ADDRESS: Rice Hotel. PHONE: Preston 4361. STUDIO ADDRESS: Rice Hotel. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight: Sunday. 7:00 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATION: Houston Chronicle. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

Station ManagerB. F.	Orr
Commercial ManagerRay E. Br	ight
Program Director	Frier
Chief EngineerTom H	iner

#### Coverage

Population—Primary	 . 847,800
Radio Homes— "	 . 193,200
Population—Secondary	 4,702,900
Radio Homes—"	 . 652,700
Source: Mail response	

tensity measurements.

### Representative

John Blair & Company

### KXYZ

HOUSTON—EST. 1930
NATIONAL BROADCASTING CO.
MUTUAL BROADCASTING SYSTEM
LONE STAR CHAIN

FREQUENCY: 1470 Ke. POWER: 1000 waits. OWNED BY: Harris County Broadcast Co. OPERATED BY: Harris County Broadcast Co. OPERATED BY: Harris County Broadcast Co. BUSINESS ADDRESS: 5th floor, Gulf Bldg. PHONE: Capitol 6151. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Houston. TIME ON THE AIR: 168 hours weekly. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: NAB Library, Lang-Worth.

#### Personnel

ManagerT. I	F. Smith
Program DirectorCharles	Nethery
Chief EngineerGerald	Chinski

Coverage

	Dayume	Lvening
Population—Primary	820,581	800,539
Radio Homes— "	127,530	124,570
Population—Secondary	284,621	420,844
Radio Homes— "	51.380	65 <i>.</i> 730
Source: Mail response	analysis;	1940 U.S.
Census; Joint Committee.	_	

### Representative

The Branham Co.

### KSAM

HUNTSVILLE—EST. 1938

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Sam Houston Broadcasting Association. OPERATED BY: Same. BUSINESS ADDRESS: 1121 Twelfth St. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Walker County Fair Grounds. TIME ON THE AIR: 7:00 A.M. to 5:00 P.M. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

President			Webster
Station M	lanager	Kenneth	Krug, Jr.
Program	Director-Chief	Announcer,	
		Jαι	nes Jones

### KOCA

.....Jack Whitley

Chief Engineer.....

KILGORE—EST. 1936

FREQUENCY: 1240 Kc. POWER: 250 waits.

OWNED BY: Oil Capitol Broadcasting Association. OPERATED BY: Same. BUSINESS

ADDRESS: 102<sup>1</sup>/<sub>2</sub> East North St. PHONE:
616. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Kilgore. TIME ON THE

AIR: 6:00 a.m. to 10:00 p.m. NEWSPA
PER AFFILIATIONS: Kilgore Daily News.

Personnel

General Manager ......Roy G. Terry

### **KPAB**

#### LAREDO-EST. 1938

FREQUENCY: 1490 Kc, POWER: 250 watts. OWNED BY: Mervel M. Valentine. OPERATED BY: Mervel M. Valentine. BUSINESS ADDRESS: P. O. Box 1120. STUDIO ADDRESS: 300 Loring Ave. PHONE: 1490. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Over 102 hours weekly.

#### Personnel

General Manager Mervel M. Valentine
Chief AnnouncerDave Moody
Musical Director
Chief EngineerEd Schoeler

#### Coverage

	Daytime	Evening
Population—Primary	79,500	79,500
Radio Homes— "	15.081	15,081
Population—Secondary	45,300	20,000
Radio Homes—"	9,931	4,500
Source: Mail and pho	ne survey	; U. S.
Census,		

#### Representative

Forjoe & Company, New York

### K F R O

#### LONGVIEW-EST. 1934

FREQUENCY: 1370 Kc. POWER: 1000 watts. OWNED BY: Voice of Longview. OPERATED BY: Voice of Longview. BUSINESS ADDRESS: P. O. Box 607. PHONE: 411. STUDIO ADDRESS: 620 Glover Crim Bldg. TRANSMITTER LOCATION: 1918 Marshall-Longview Road. TIME ON THE AIR: 6:30 A.M. to 11:05 P.M.; Sunday, 7:00 A.M. to 9:15 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Lang-Worth, C. P. MacGregor.

#### Personnel

President-General Manager....James R. Curtis
Covernue

	Daytime	Evening
Population—Primary	107,117	75,050
Radio Homes— "	26,779	18,762
Population-Secondary	240,937	93,267
Radio Homes— "	60,236	23,318

#### Representatives

Source: Field intensity measurements.

Forjoe & Co. (New York)
Ferguson & Walker, Inc. (Chicago)
Walter Biddick Co. (Los Angeles)
F. Lacelle Williams (Atlanta)

### K F Y O

LUBBOCK—EST. 1927

MBS—TEXAS STATE NETWORK
FREQUENCY: 1340 Kc. POWER: 250 watts.
OWNED BY: Plains Radio Broadcasting Co.
OPERATED BY: Plains Radio Broadcasting Co.

BUSINESS ADDRESS: 914 Avenue J. PHONE: 1700-1. STUDIO ADDRESS: 914 Ave. J. TRANS-MITTER LOCATION: 2312 5th St. TIME ON THE AIR: 110 hours weekly. MAINTAINS ARTISTS' BUREAU. NEWSPAPER AFFILIATION: Lubbock Avalanche Journal. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: World Broadcasting System, Lang-Worth, C. P. MacGregor.

#### Personnel

PresidentO. L. Taylor (Amarillo)
Station ManagerDeWitt Landis
Sales-Publicity Manager Bruce Collier
Program Director-Artists' Bureau Head,
R. B. McAlister
Production Manager-Chief Announcer,
Wesley Youngblood
Musical DirectorBurnie Howell
Chief Engineer
Coverage
Population—Primary 171,696
Radio Homes— " 22,510
Population—Secondary 49,173
Radio Homes— " 5,300
Source: Field intensity survey; Joint Com-
mittee.

#### Representative

Howard H. Wilson Company (See Page 564)

### KRBA

#### LUFKIN-EST. 1938

FREQUENCY: 1340 Kc. POWER: 250 waits. OWNED BY: Red Lands Broadcasting Association (Ben T. Wilson, President), OPERATED BY: Red Lands Broadcasting Association. BUSINESS ADDRESS: 108½ S. First St. PHONE: 272, STUDIO ADDRESS: Same, TRANSMITTER LOCATION: Highway No. 35. TIME ON THE AIR: Daytime License, NEWS SERVICE: Transradio Press, TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

President	Ben T. Wilson
Manager	Darrell E. Yates
Commercial Manager	.Richman Lewin
Chief Announcer	William Pharr
Chief Engineer	Earle Pettey

### KRLH

#### MIDLAND—EST. 1935

MBS-TEXAS STATE NETWORK

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Clarence Scharbauer. OPERATED BY: Same. BUSINESS ADDRESS: Hotel Scharbauer. PHONE: 1070. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 2100 West Wall. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight (126 hours weekly). NEWS SERVICE: United Press. Associated Press. TRANSCRIPTION SERVICE: Standard Radio,

D----- Di----

Committee.

Personn	el		
Station Manager	. W. H. M	IcCumber	
Program Director	C	A. Roark	
Director of Women's Program	ns . Claudii	ne <b>Hoga</b> n	
Publicity Director	E.	P. Helm	
Chief Announcer	<b>A.</b>	B. Kelley	
Chief Engineer		Harmon	
Coverage			
	Daytime	Evening	
Population—Primary	100,000	60,000	
Radio Homes— "	30,000	22,000	
Population—Secondary	156,000	100,000	
Radio Homes— "	47,500	20,000	
Source: Station estimate.			

Representative Cox & Tanz

NET

### PALESTINE-EST. 1936

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Palestine Broadcasting Assn. OP-ERATED BY: Palestine Broadcasting Association. B'ISINESS ADDRESS: John and Crawford Sts. PHONE: 411. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Strickland Park. TIME ON THE AIR: 106 hours weekly. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

PresidentDr.	Bonner Frizzell		
Station Manager	John Sullivan		
Program Director	Elizabeth Cage		
Chief Announcer	Dennis Sullivan		
Musical Director	Leland Adams		
Chief Engineer	C. H. Anglin		
Coverage			
Population—Primary	60,000		
Radio Homes— "			
Population—Secondary	75,000		

Source: Station estimate. KPDN

Radio Homes— "

PAMPA—EST. 1936

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: R. C. Hoiles. OPERATED BY: R. C. Hoiles, BUSINESS ADDRESS: Box 1701. PHONE: 1100. STUDIO ADDRESS: 212 N. Ballard. TRANSMITTER LOCATION: East of city limits. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. (99<sup>1</sup>2 hours weekly). NEWSPAPER AF-FILIATION: Pampa News. NEWS SERVICE: Associated Press, TRANSCRIPTION SERVICES: World Broadcasting System. MAINTAINS ART-ISTS' BUREAU.

#### Personnel

President	R. C. Hoiles
General Manager	.H. E. Kreiger
Commercial Manager	John Wells
Sales Promotion Manager	Bill Browne

Program Director			
Production Manager	Elleta Bullard		
Chief Announcer	Bob Morris		
Musical Director-Artists'	Bureau Head.		
	Ken Bennett		
Chief Engineer	Herman Kreiger		
Coverage			
	Daytime Evening		
Population-Primary	55,308 47,012		
Radio Homes— "	. 21,150		
Population—Secondary	. 25,456 21,637		
Radio Homes— " .	. 7,055		

Source: Station survey; U. S. Census; Joint

PARIS-EST, 1936

MUTUAL BROADCASTING SYSTEM TEXAS STATE NETWORK

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: North Texas Broadcasting Co. OPERATED BY: North Texas Broadcasting Co. BUSINESS ADDRESS: Gibraltar Hotel. PHONE: 1124-5. STUDIO ADDRESS: Gibraltar Hotel, Mezzanine Floor. TRANSMITTER LOCATION: 114 miles south on Texas Highway No. 24. TIME ON THE AIR: 6:45 A.M. to 11:00 P.M. (11334 hours weekly). NEWSPAPER AFFILIA-TION: Paris News. NEWS SERVICE: United Press (via Texas State Network). TRANSCRIP-TION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

#### Personnel

President	A. (	G. Po	ıt Mayse
Station Manager	.Fra	nk O	. Meyers
Program Director	D	avid	Crockett
Chief Engineer	1	Weld	on J <b>effus</b>

e veel age	
Population—Primary	300,000
Radio Homes "	60,000
Population—Secondary	150,000
Radio Homes— "	30,000

Source: Mail response analysis.

#### Representative Texas State Network

## KIUN

PECOS-EST. 1935

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Jack Hawkins and Barney Hubbs. OPERATED BY: Jack Hawkins and Barney Hubbs. BUSINESS ADDRESS: 336 S. Cedar St. STUDIO ADDRESS: 306 S. Cedar St. TRANSMIT-TER LOCATION: North of city, I mile. TIME ON THE AIR: 6:30 A.M. to 10:00 P.M. NEWS-PAPER AFFILIATION: Affiliated with Pecos Enterprise, a weekly, through interlocking ownership. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesqurus.

15,000

#### Personnel

Co-Owner-General	Manager	. Jack	Hawkins
Co-Owner-Publicity	Director	. Barne	y Hubbs
Chief Announcer		w. I	). Martin
Musical Director		<i>.</i> <b>I</b>	Paul Cox
Chief Engineer		Star	nley Hall

#### PORT ARTHUR—EST, 1934 MUTUAL BROADCASTING SYSTEM

FREQUENCY: 1250 Kc. POWER: 500 watts. OWNED BY: Port Arthur College. OPERATED BY: Port Arthur College. BUSINESS ADDRESS: 1500 Procter St. PHONE: 7458. STUDIO AD-DRESS: 1515 Lakeshore Drive. TRANSMITTER LOCATION: 1500 Procter St. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight. NEWS SER-VICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System, MAIN-TAINS ARTISTS' BUREAU.

#### Personnel

President	Carl Vaughan
Station Manager	Glenn Hewitt
Program-Publicity DirectorGe	
Artists' Bureau HeadMa	rjorie Vickers
Chief Announcer	Dusty Rhodes
Musical Director	.limmie Hart
Chief Engineer	Joe Walters

#### Corerage

cott i uge			
Population—Primary	574,000		
Radio Homes— "	138.900		
Population—Secondary	1,750,000		
Radio Homes—"	337,230		

Source: Station survey.

Representative Radio Advertising Corp.

### KGKL

#### SAN ANGELO-EST. 1928 MBS-TEXAS STATE NETWORK

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: KGKL, Inc. OPERATED BY: KGKL, Inc. BUSINESS ADDRESS: St. Angelus Hotel. PHONE: 6715. STUDIO ADDRESS: St. Angelus Hotel. TRANSMITTER LOCATION: 50 S. Milton St. TIME ON THE AIR: 6:30 A.M. to 11:00 P.M. (1121/2 hours weekly). NEWSPAPER AF-FILIATION: San Angelo Standard Times, NEWS SERVICE: United Press. Associated Press. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

President	H. C. Ragsdale
Station Manager	Lonnie Preston
Commercial Manager	Ollie Cook
Sales Promotion Manager	. Marlowe Preston
Program-Musical Director	Lynn Bigler
Production Manager	.Harold Von Egger
Publicity Director	Dorothy Kindred
Chief Engineer	Frank M. Jones

#### Coverage

Population—Primary	83,824
Radio Homes "	17,470
Population—Secondary	164.888
Radio Homes— "	12,320

#### SAN ANTONIO-EST, 1926

MBS-TEXAS STATE NETWORK FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Alamo Broadcasting Co. OPER-ATED BY: Alamo Broadcasting Co. BUSINESS ADDRESS: Milam Bldg. PHONE Garfield 4241. STUDIO ADDRESS: Same. TRANSMITTER LO-CATION: 811 E. Myrtle St. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight, daily; 7:00 A.M. to 11:00 P.M., Sundays. NEWS SERVICE: United Press (via Texas State Network).

#### Personnel

President	R. Early Wilson
Station Manager	H. C. Harvey
Commercial Manager	Waymond Ramsev
Program Director	Jerry Lee Pecht

#### Coverage

	Daytime	Evening
Population—Primary	465,000	465,000
Radio Homes— "	119,500	119,500
Population Secondary	153,000	153,000
Radio Homes—"	33,700	33,700
Source: Station survey.		

#### SAN ANTONIO-EST. 1930

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: W. W. McAllister and Howard W. Davis d/b as Walmac Co. OPERATED BY: Walmac Company. BUSINESS ADDRESS: 27th floor, Smith Young Tower. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 319 Avenue A. TIME ON THE AIR: Part time schedule (divides time with KONO). TRANSCRIPTION SERVICE: Davis & Schwegler. MAINTAINS ARTISTS' BUREAU.

#### Personnel

Manager	W.	Davis
Program Director	S.	Bessan
Secretary-TreasurerRuth	ı B	urleson

#### Coverage

Daytime Population-Primary ...... 400,000 Source: Station survey.

Representative

### Burn-Smith Co.

SAN ANTONIO—EST. 1927 FREQUENCY: 1400 Kc. POWER: 250 waits. OWNED BY: Eugene J. Roth. OPERATED BY: Mission Broadcasting Co. BUSINESS ADDRESS: 317 Arden Grove. PHONE: Fannin 5171. STU-DIO ADDRESS: Same. TRANSMITTER LOCA-TION: Same. TIME ON THE AIR: 9 hours daily (shares time with KMAC). MAINTAINS ARTISTS' BUREAU.

Personnel

Owner-Manager ... Eugene J. Roth
Sales Manager ... James M. Brown
Chief Engineer ... George Ing

Coverage Daytime
Population—Primary 350,000
Radio Homes— "92,000
Source: U. S. Census; Chamber of Commerce.

Representative

Forjoe & Co.

### KTSA

SAN ANTONIO—EST. 1927 CBS—LONE STAR CHAIN

FREQUENCY: 550 Kc. POWER: 5000 Watts. d.: 1000 Watts, n. OWNED BY: Sunshine Broadcasting Co. OPERATED BY: Sunshine Broadcasting Co. BUSINESS ADDRESS: Gunter Hotel. PHONE: Garfield 1251. STUDIO ADDRESS: Gunter Hotel. TRANSMITTER LOCATION: St. Hedwig Road. TIME ON THE AIR: 6:00 a.m. to 12:00 midnight, daily; Sunday, 7:45 a.m. to 12:00 midnight, NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System. MAINTAINS ARTISTS' BUREAU.

Personnel

President O. L. Taylor Station Manager George W. Johnson Sales and Assistant Station Manager,

Publicity Director ... Jack Svhlichenmaier
Educational Director ... Frances Scarborough
Musical Director ... Rex L. Preis
Chief Engineer ... Wm. Egerton

Coverage

| Daytime | Evening | Population—Primary | 1,680.657 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 | 1,348.676 |

Source: CBS Listening Study and station survey. Representative

Howard H. Wilson Co. (See Page 564)

### WÓAI

SAN ANTONIO—EST. 1922 NBC—TEXAS QUALITY NETWORK

REC-1EXAS QUALITY NETWORK
FREQUENCY: 1200 Kc. POWER: 50,000
Watts. OWNED BY: Southland Industries, inc.
OPERATED BY: Southland Industries, inc.

BUSINESS ADDRESS: 1031 Navarro. PHONE: Garfield 4221-2-3-4. STUDIO ADDRESS: 1031 Navarro. TRANSMITTER LOCATION: Selma. Texas. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight, daily: 7:30 a.m. to 12:00 midnight, Sunday. NEWS SERVICE: United Press, International News Service. TRANSCRIPTION SERVICE: NBC Thesaurus, Lang-Worth.

Personnel

Pres. & General Manager Hugh A. L. Halft
Chairman of Board G. A. C. Halft
Vice-President Ellis Chaney
Secretary George Beaury
Sales Promotion & Merchandising
Manager Walter S. Zahrt

Manager Walter S. Zahrt
Program-Musical Director Dwight Bourn
Production Manager Monte Lleban
Educational Director Leona Bender
News Editor Corwin Riddell
Chief Announcer Pat Flaherty
Chief Engineer Fred Sterling

Coverage

Radio Homes-Primary... 274,480 207,800
Radio Homes-Secondary 65,400 154,400
Source: Field strength survey: mail response analysis; Joint Committee.

Representative Edw. Petry & Co., Inc.



the Texas Picture!"

## KRRV

SHERMAN-EST. 1936

MBS—TEXAS STATE NETWORK
FREQUENCY: 910 Kc. POWER: 1000 watts.
OWNED BY: Red River Valley Broadcasting
Corp. OPERATED BY: Same. BUSINESS ADDRESS: P. O. Box 163. PHONE: 201. STUDIO
ADDRESS: 1910 S. Crockett St., Sherman: Fannin & Owing Sts., Denison. TRANSMITTER
LOCATION: 134 miles north of Sherman. TIME
ON THE AIR: 6:45 A.M. to 12:00 Midnight.
NEWSPAPER AFFILIATION: Sherman Daily
Democrat. NEWS SERVICE: United Press (via
Texas State Network).

#### Personnel

President
Station ManagerL. L. Hendrick
Commercial Manager Orvin Franklin
Program Director-Chief Announcer, T. E. Perrin
Merchandising ManagerC. Wells, Jr.
Denison Studio ManagerB. V. Hammond
Musical DirectorLouise Cobbler
Chief Engineer

#### Coverage

 Population—Primary
 1,243,420

 Radio Homes—"
 247,470

Source: Station survey.

# KXOX

SWEETWATER-EST. 1939

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Sweetwater Radio, Inc. OPERATED BY: Sweetwater Radio, Inc. BUSINESS ADDRESS: Highway 70. PHONE: 2341. STUDIO ADDRESS: Highway 70. TRANSMITTER LOCATION: Sweetwater. TIME ON THE AIR: 6:45 A.M. to 10:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus. MAINTAINS ARTISTS' BUREAU.

#### 

Secretary-Treasurer & General		
ManagerRussell Bennitt		
Commercial ManagerJ. H. Hubbard		
Coverage		

 Population—Primary
 411.699

 Radio Homes—"
 45,700

Source: Mail response analysis.

## KTEM

TEMPLE—EST. 1936
MUTUAL BROADCASTING SYSTEM
TEXAS STATE NETWORK

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Bell Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Kyle Hotel. PHONE: 4646. STUDIO ADDRESS: Kyle Hotel. TRANSMITTER LOCATION: 2.6 miles north of Temple. TIME ON THE AIR: 7:00 a.m. to 12:00

midnight. (119 hours weekly). NEWS SER-VICE: United Press. TRANSCRIPTION SER-VICE: C. P. MacGregor.

#### Personnel

President Ruth Mayborn
General Manager Frank Mayborn
Station ManagerBurton Bishop
Commercial ManagerR. L. Kanatazar
Program DirectorEdwin Callaway
Chief EngineerPaul Shaw

#### Coverage

	Daytime	Evening
Population—Primary	289,543	50,030
Radio Homes— "	48,280	8,560
Population—Secondary	267,901	239,543
Radio Homes "	43,880	39,720
		_

Source: Mail response analysis; U. S. Census.

#### Representative

Texas State Network Associated Radio Sales

# KCMC

TEXARKANA—EST. 1932

MUTUAL BROADCASTING SYSTEM TEXAS STATE NETWORK

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: KCMC. Inc. OPERATED BY: Same. BUSINESS ADDRESS: 317 Pine St. PHONE: 832. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M. to 11:00 P.M. NEWSPAPER AFFILIATIONS: Texarkana Gazette. Texarkana Daily News. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

#### Personnel

President	phrey
General Manager	Tatom
Artists Bureau Head and	

#### Coverage

Radio Homes—Primary	30.810
Radio Homes—Secondary	58,580
Source: Station survey.	

# KGKB

TYLER—EST, 1931

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: East Texas Broadcasting Co. OPERATED BY: J. G. Ulmer. BUSINESS ADDRESS: 115 S. College. PHONE: 1106-7. STUDIO ADDRESS: 115 S. College. TRANSMITTER LOCATION: Sandflat Road. TIME ON THE AIR: 7:00 A.M. to 10:30 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: C. P. MacGregor.

#### Personnel

President
Operator
General Manager
Sales Promotion ManagerTom Shugart
Program Director-Chief AnnouncerAl Hall
Musical Director
Chief EngineerJohn B. Sheppard
<b>~</b>

#### Coverage

	Daylime	Evening
Population—Primary	303,100	303,100
Radio Homes- "	26,500	26,500
Population—Secondary	303,021	303,021
Radio Homes— "	28,400	28,400
Source: Joint Committee:	Texas Alm	anac.

#### VERNON-EST, 1939

MUTUAL BROADCASTING SYSTEM TEXAS STATE NETWORK

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: The Northwestern Broadcasting Co. OPERATED BY: Same. BUSINESS AD-DRESS: 1813 Wilburger St. PHONE: 1048. STUDIO ADDRESS: 1813 Wilbarger St. TRANS-MITTER LOCATION: 1 mile east of Vernon. TIME ON THE AIR: 7:00 A.M. to 10:15 P.M. NEWSPAPER AFFILIATION: Vernon Daily Record. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

#### Personnel

Coverage Population—Primary ......

Radio Homes— " ...... 57,300 Population—Secondary ..... 171,222 Radio Homes— " ...... 47,420

Source: Station survey.

## Representative

Texas State Network

#### VICTORIA—EST. 1939

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: Radio Enterprises, Inc. OPER-ATED BY: Radio Enterprises, Inc. BUSINESS ADDRESS: Victoria, STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited License. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

General Manager......Morris Roberts

# ACO

WACO—EST, 1922

MUTUAL BROADCASTING SYSTEM TEXAS STATE NETWORK

FREQUENCY: 1450 Kc. POWER: 250 waits. OWNED BY: Frontier Broadcasting Co. OPER-ATED BY: Frontier Broadcasting Co. BUSINESS ADDRESS: Amicable Life Bldg. PHONE: 2700-1. STUDIO ADDRESS: Amicable Life Bldg. TRANSMITTER LOCATION: Amicable Life Bldg. TIME ON THE AIR: 16 hours daily (112 hours weekly). NEWSPAPER AFFILIA-TION: Waco News-Tribune, Waco Times-Herald. NEWS SERVICE: International News Service, United Press. TRANSCRIPTION SERVICE: Standard Radio, MAINTAINS ARTISTS' BU-REAU.

#### Personnel

President	S. M. Richardson
Station Manager	R. E. Lee Glasgow
Chief Announcer	Bernard Helton
Musical Director	Mary Holiday
Chief Engineer	L. H. Appleman

#### Coverage

Population—Primary	376,181
Radio Homes— "	44,600
Population—Secondary	226,767
Radio Homes— "	
Source: Texas Almanac; Joint Comm	ittee.

# KRGV

WESLACO-EST. 1926 NBC-(RED OR BLUE) LONE STAR CHAIN

FREQUENCY: 1290 Kc. POWER: 1000 watts. OWNED BY: KRGV, Inc. OPERATED BY: BUSINESS ADDRESS: 201 Border. Same. PHONE: 375-6. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M. NEWS SERVICE: United Press, TRANSCRIPTION SER-VICE: World Broadcasting System, Davis & Schwegler.

#### Personnel

President	.0.	L. Taylor
Station ManagerKen	Low	ell Sibson
Assistant ManagerGuy	w.	Bradford
Program Director	Dick	k Watkins

#### Coverage

<b>.</b>	
Population—Primary	383,909
Radio Homes— "	37,860
Comment Comment	. ,

Source: Station survey.

#### Representative Howard H. Wilson Co. (See Page 564)

208,940

## **KWFT**

WICHITA FALLS—EST. 1938 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 620 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: Wichita Broadcasting Co. OPERATED BY: Wichita Broadcasting Co. BUSINESS ADDRESS: Harvey Snyder Bldg. PHONE: 4183. STUDIO ADDRESS: Kemp Hotel. TRANSMITTER LOCATION: 2½ miles northwest of Wichita Falls. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight: Sunday, 8:00 A.M. to 11:00 P.M. (123 hours weekly). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated Music Publishers.

#### Personnel

President-Sales Manager......Joe B. Carson

Station and Commercial Manager,

#### Coverage

Population—Primary ... 3,832,217 889,429
Radio Homes— " ... 526,300 116,000
Source: Field intensity measurements; U. S.
Census.

#### Representative

Paul H. Raymer Co.

# -UTAH

Population 550,310

Number of Radio Homes 126,010

Number of Families 139,580

Auto Registrations 137,875

For 1940 Census data, please turn to page 282

## KSUB

CEDAR CITY-EST. 1937

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: Southern Utah Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Box 811. STUDIO ADDRESS: El Escalente Hotel. PHONE: 398. TRANSMITTER LOCATION: West 2nd South. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: C. P. MacGregor.

#### Personnel

President Leland M. Perry
Station Manager Sherman T. Wright
Program-Musical DirectorInez Corry
Chief Announcer Fenton Dalley
Chief Engineer Sherman T. Wright

#### Coverage

CVCC	aye	
	Daytime	Evening
Population—Primary	18,000	7,500
Radio Homes— "	5,500	1,500
Paneacontative		

## Representative

# KVNU

LOGAN-EST. 1938

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Cache Valley Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 41 S. Main St. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Logan. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M.; Sundays, 10:00 A.M. to 6:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

Representative
Adams & Adams

# КĖО

#### OGDEN—EST. 1924 NBC-MBS-INTERMOUNTAIN

FREQUENCY: 1430 Kc. POWER: 5000 watts. OWNED BY: Interstate Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Hotel Ben Lomond, Ogden; McIntyre Bldg., Salt Lake City. PHONES: Ogden 84: Salt Lake City 4-1849, STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Kanesville, Utah. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight: Sunday. 8:00 A.M. to 11:30 P.M. NEWSPAPER AFFILIATION: Ogden Standard Examiner. NEWS SERVICE: Associated Press. MAINTAINS ARTISTS' BUREAU.

#### Personnel

President ...... A. L. Glasmann
V.P.-General Manager .... Paul R. Heitmeyer
Assistant Manager .... Merrill J. Bunnell

Sales ManagerSam Jones
National Advertising Manager. Socs N. Vratis
Program ManagerEthel G. Clark
Production ManagerMel Wright
Chief Announcer
Chief Engineer
Corerage

Coverage

Daytime Evening
Population—Primary ... 460,412 460,412
Radio Homes— " ... 112,300 112,300
Source: Field strength measurements: U. S.
Census. Representative

George P. Hollingbery Co.

# KEUB

PRICE—EST. 1936

MBS-INTERMOUNTAIN NETWORK FREQUENCY: 1450 Kc. POWER: 250 waits. OWNED BY: E. Utah Broadcasting Co. OPERATED BY: E. Utah Broadcasting Co. BUSINESS ADDRESS: Price. PHONE: Price 200. STUDIO ADDRESS: Price. TRANSMITTER LOCATION: Price. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. SUNday. 8:30 A.M. to 11:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcast-

Personnel

ing System.

President-General Manager ... Jack Richards Chief Engineer and Announcer, Owen J. Ford

Coverage

	Daytime	Evening
Population—Primary	22,000	30,000
Radio Homes— "	6,000	7,000
Population—Secondary	20,000	25.000
Radio Homes "	5,250	6,250
	a . a •	

Representative
George P. Hollingbery Co.

## KOVO PROVO—EST. 1939

MUTUAL BROADCASTING SYSTEM INTERMOUNTAIN NETWORK

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Clifford A. Talboe, trustee, d, b as Citizens Voice and Air Show. OPERATED BY: Same. BUSINESS ADDRESS: 108 West Center St. PHONE: 1680. STUDIO ADDRESS: 108 West Center St. TRANSMITTER LOCATION: 17 West Second St., South. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

President	Clifton A. Talboe
Manager	Arch L. Madsen
Sales Manager	S. G. Carter
Commercial Manager	Evelyn Hansen
Program Director	Shirl Black
Publicity Director	Jack Davies
Chief Engineer	. Arch L. Madsen

#### Coverage

	Daytime	Evening
Population—Primary	66,226	66,226
Radio Homes— "	15,269	15,269
Population—Secondary	28,941	8,260
Radio Homes— "	6,943	1,961
Source: Field intensity	survey; 19	40 U.S.

Census: Joint Committee.

# KDYL

SALT LAKE CITY—EST. 1922

NBC (RED)

FREQUENCY: 1320 Kc. POWER: 5000 waits. OWNED BY: Intermountain Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: 6th floor, Tribune-Telegram Bldg. PHONE: 5-2991. STUDIO ADDRESS: Same. TRANS-MITTER LOCATION: 9th West and 33rd South. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M. NEWS SERVICE: Transradio Press, United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System, NBC Thesaurus.

#### Personnel

President & General N	ManagerS. S. Fox
Secretary-Treasurer	L. A. Loeb
Commercial Manager.	W. E. Wagstaff
Program Director	Emerson Smith
Production Manager	George A. Provol
Artists' Bureau Head	John M. Woolf
Publicity Director	Charles S. Buck



Chief Announcer Douglas C. Gourlay
Traffic Manager Craig Rogers
Continuity Editor George D. Snell
Musical Director By Woodbury
Chief Engineer J. M. Baldwin

Coverage

	Dayume	Lvening
Population—Primary	607,805	432,734
Radio Homes— "	131,460	94,650
Population—Secondary	246,076	103,920
Radio Homes- "	54,180	22,689
Saurene Field intensity	CHEVAV	and mail

Source: Field intensity survey and mail count.

Representative

# John Blair & Company

SALT LAKE CITY—EST. 1921 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1160 Kc. POWER: 50.000 watts. OWNED BY: Radio Service Corporation of Utah. OPERATED BY: Same. BUSINESS ADDRESS: Union Pacific Bldg. PHONE: 5-4641. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Saltair. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M. (133 hours weekly). NEWSPAPER AFFILIATION: Salt Lake Trib-

une. NEWS SERVICES: United Press, International News Service. TRANSCRIPTION SER-VICE: Associated Library, Standard Library, C. P. MacGregor.

#### Personnel

i ci sonnei		
President	euben Clark, Jr.	
Executive Vice-President	Earl J. Glade	
Vice-PresidentJohn	F. Fitzpatrick	
SecretaryJos	eph L. Wirthlin	
Auditor	Dan H. Vincent	
Station Manager	Ivor Sharp	
Sales Manager	E. J. Broman	
Commercial Manager	ennox Murdoch	
Production Manager	Glenn Shaw	
Chief Announcer	Russell Stewart	
Musical Director	Gene Halliday	
Technical Director		
Chief Engineer	illice E. Groves	

#### Coverage

	Daytime	Evening
Population Primary	844,000	1,690,800
Radio Homes— "	173,940	373,700
Population—Secondary 10	,607,900	11,687,300
Radio Homes- " 2	,458,400	2,619,600
Source: CBS Listening	Area St	dv: Toint

Source: CBS Listening Area Study: Join Committee.

Representative Edward Petry & Co., Inc.



## KUTA

SALT LAKE CITY-EST. 1938

NBC-BLUE

FREQUENCY: 570 Kc. POWER: 1000 watts. OWNED BY: Utah Broadcasting Co. OPERATED BY: Utah Broadcasting Co. BUSINESS ADDRESS: 29 S. State St. PHONE: 3-2737. STUDIO ADDRESS: 29 S. State St. TRANSMITTER LOCATION: 13th St. S. and 5th West. TIME ON THE AIR: 108 hours weekly. NEWS SERVICE: International News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

President-General Manager.	.Frank C. Carman
Assistant Manager	William B. Sears
Program Director	Robert A. Hamsen
Musical Director	
Chie! Engineer	Lyle Wahlquist

#### Coverage

	Daytime	Evening
Population—Primary	220,000	200,000
Radio Homes- "	47,660	47,660
Population—Secondary	30,000	50,000
Source: Field strength	survey: Jo	int Com-
mittee.	-	

Representative
Joseph Hershey McGillyra

# VERMONT

Population 359,231

Number of Families 92,432

Number of Radio Homes 82,540
Auto Registrations 92,695

For 1940 Census data, please turn to page 282

## WCAX

BURLINGTON—EST. 1931

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Burlington Daily News, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 203 College St. PHONE: 4880. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight: Sundays, 8:00 A.M. to 12:00 Midnight: Sundays, 8:00 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATION: Burlington Daily News. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: Associated Recorded Program Service, C. P. MacGregor.

#### Personnel

President-Treasurer	C. P. Hasbrook
Station Manager	Ioward J. Perry
Program and Production Manag	ger, H. B. Wight
Chief EngineerJar	nes W. Tierney

#### Coverage

 Population—Primary
 246,700

 Radio Homes—"
 59,700

Source: Station survey.

Representative
Weed & Company

# WSYB

RUTLAND—EST. 1930

FREQUENCY: 1490 Kc. POWER: 250 watts.
OWNED BY: P. Weiss Music Co. OPERATED
BY: Same. BUSINESS ADDRESS: 80 West St.
PHONE: 1247. STUDIO ADDRESS: Same.

TRANSMITTER LOCATION: Creek Road. TIME ON THE AIR: Unlimited License. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth,

#### Personnel

President						 			 			.Р.	Weiss
Station Mo	inc	ıg	eı				 				J.	H.	Weiss

# WQDM

ST. ALBANS—EST. 1929

FREQUENCY: 1420 Kc. POWER: 1000 watts. OWNED BY: F. Arthur Bostwick and E. J. Regan. OPERATED BY F. Arthur Bostwick and E. J. Regan. BUSINESS ADDRESS: 32 North Main. PHONE: 126. STUDIO ADDRESS: 32 North Main St. TRANSMITTER LOCATION: 14 mile north of city on route 7. TIME ON THE AIR: 6:00 A.M. to local sunset. MAINTAINS ARTISTS BUREAU. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth.

#### Personnel

General Manager	F. Allen
Production Manager Alec	Coursey
Chief EngineerEdward	I. Regan

## WDEV

WATERBURY-EST, 1931

FREQUENCY: 550 Kc. POWER: 1000 watts. OWNED BY: Lloyd E, Squier and William G. Ricker d/b as Radio Station WDEV. OPER-ATED BY: L. E. Squier and W. G. Ricker.

#### VERMONT-VIRGINIA

BUSINESS ADDRESS: 8 Stowe St. PHONE: 13-2. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Waterbury. TIME ON THE AIR: Local sunrise to sunset. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Station Manager......Lloyd E. Squier Commercial and Sales Promotion Manager, William D. Ricker

Program-Musical DirectorMal Chief EngineerFred				
Coverage				
Population—Primary	307,847			
- 1. TT //	<b>FF 000</b>			

| 75,680 | 75,680 | Population—Secondary | 600,000 | Radio Homes— " | 150,000 | Source: Mail response and field intensity

survey.

Representative
Howard H. Wilson Co.

# VIRGINIA

Population 2,677,773

Number of Radio Homes 413,180

Number of Families 627,550

Auto Registrations 487,900

For 1940 Census data, please turn to page 282

#### WCHV CHARLOTTESVILLE—EST. 1932

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Community Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: E. Market and 4th. PHONE: 2500. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Richmond Road. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. (110 hours weekly). NEWS SERVICE: United Press. MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICE: Associated Music Publishers, Lang-Worth.

#### Personnel

President-Station Manager. Charles Barham, Jr.
Secretary-TreasurerMary Wyne
Sales Manager Walter Pegram
Program Director-Chief Announcer,

Alden Adroe					
Traffic Manager Ed Hase					
Chief Engineer					
Coverage					

Population-Primary	202,973
Radio Homes "	30,688
Population—Secondary	268,111
Radio Homes— "	43,903
Source: Station survey.	

Representative
Forjoe & Company

WBTM

DANVILLE—EST. 1930
MUTUAL BROADCASTING SYSTEM
TRI-CITY STATIONS

(WLVA-WBTM-WSLS)

FREQUENCY: 1400 Kc. POWER: 250 watts, d., 100 Watts, n. OWNED BY: Piedmont

Broadcasting Corp. OPERATED BY: Piedmont Broadcasting Corp. BUSINESS ADDRESS: Hotel Danville. PHONE: 2350. STUDIO ADDRESS: Hotel Danville. TRANSMITTER LOCATION: Danville. TIME ON THE AIR: 6:00 A.M. to 12:05 A.M.; Sundays, 9:00 A.M. to 12:05 A.M. (123½ hours weekly). NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: C. P. MacGregor. Standard Radio.

#### Personnel

President	L. N. Dibrell
Vice-President	.Edward A. Allen
Station Manager	James L. Howe
Commercial Manager	John M. Croft
Publicity Director	. Rosbert S. Guyer
Traffic Manager	R. W. Cuddy
Continuity Chief	Peter Harkins
Music Librarian	Earl Hotaling
Program Director	W. P. Heffernan
Chief Engineer	Harry W. Spencer

#### Coverage

	naanwe	FAeurud
Population—Primary	 268,420	90,000
Radio Homes—"	 33,870	*18,000
*Estimate		

Source: Field intensity and mail response survey; U. S. Census; Joint Committee.

# WFVA

#### FREDERICKSBURG—EST. 1939

FREQUENCY: 1290 Kc. POWER: 250 watts.
OWNED BY: Fredericksburg Broadcasting
Corp. OPERATED BY: Fredericksburg Broadcasting Corp. BUSINESS ADDRESS: Fredericksburg. STUDIO ADDRESS: Fredericksburg.
TRANSMITTER LOCATION: near Fredericks-

burg. TIME ON THE AIR: 6:30 A.M. to local sunset.

Personnel
General Manager.......Richard F. Lewis

## Representative Burn-Smith Co.

# WSVA

#### HARRISONBURG—EST. 1935

FREQUENCY: 550 Kc. POWER: 1000 watts. OWNED BY: Shenandoah Valley Broadcasting Corp. OPERATED BY: Shenandoah Valley Broadcasting Corp. BUSINESS ADDRESS: Newman Bldg. PHONE: Harrisonburg. 875. STUDIO ADDRESS: Newman Bldg.: Hotel Beverley, Staunton. PHONES: Harrisonburg. 875; Staunton. 647. TRANSMITTER LOCATION: Roule No. 1. TIME ON THE AIR: 6:30 A.M. to local sunset. NEWS SERVICE: Transradio News. TRANSCRIPTION SERVICE: World Broadcasting System.

## President......Frederick L. Allman

Secretary
General and Commercial
Manager Chas. P. Blackley
Program Director
Chief Announcer Charles Ballou
Continuity Director Helen S. Lynch
Chief Engineer U. L. Lynch
Corerage
Population—Primary 154,000
Radio Homes— "
Population—Secondary 503,000
Radio Homes— 77 190

sponse analysis.

Representative

Joseph Hershey McGillyra

Source: Department of Commerce; mail re-

## WLVA

## LYNCHBURG—EST. 1930

MUTUAL BROADCASTING SYSTEM
TRI-CITY STATIONS (WLVA-WBTM-WSLS)

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Lynchburg Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Allied Arts Bldg. PHONE: 3030. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Leewood Addition. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight. NEWS SERVICE. Transradio Press. TRANSCRIPTION SERVICES: Lang-Worth, Standard Radio, Davis & Schwegler, NBC Thesaurus, C. P. MacGregor, Associated Music Publishers.

#### Personnel

President	.Edw.	Ā.	Allen
Station Manager	. Philip	P.	Allen
Sales Manager	Glenn I	E. Ja	ckson
Sales Promotion Manager	Ca	rl C	gilvie

Program DirectorEric F. Lu	ınd
Production ManagerClaude Tay	lor
Chief Engineer	sen

#### Coverage

Population—Primary	 186,000
Radio Homes "	 25.000

Source: Field intensity and mail response survey: U. S. Census; Joint Committee.

# WMVA

#### MARTINSVILLE-EST. 1941

FREQUENCY: 1450 Kc. POWER: 250 watts, d.; 100 Watts, n. OWNED BY: W. C. Barnes and Jonas Weiland d/b as Martinsville Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Martinsville. STUDIO ADDRESS: Thomas Jefferson Hotel. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited License. NEWSPAPER AFFILIATION: Martinsville Bulletin.

#### **Personnel**

# WGH

# NEWPORT NEWS—EST. 1928 MUTUAL BROADCASTING SYSTEM

FREQUENCY: 1340 Kc. POWER: 250 waits. OWNED BY: Hampton Roads Broadcasting Corp. OPERATED BY: Hampton Roads Broadcasting Corp. BUSINESS ADDRESS: Portlock Bldg., Norfolk. PHONE: 27031. STUDIO ADDRESS: Warwick Hotel, Newport News; Portlock Bldg., Norfolk; American National Bank Bldg., Portsmouth. PHONES: Portsmouth, 991; Norfolk, 27031, Newport News, 2297, TRANSMITTER LOCATION: Newport News. TIME ON THE AIR: 6:39 A M. to 12:00 Midnight; Sunday, 8:30 A.M. to 11:39 P.M. NEWSPAPER AFFILIATON: Newport News Press, Newport News Times-Herald. NEWS SERVICE: Associated Press, TRANSCRIPTION SERVICE: Lang-Worth.

#### Personnel

President	Raymond B. Bottom
V.PGeneral Manager	Edward E. Bishop
Secretary-Treasurer	W. R. VanBuren
Commercial Manager	Edward E. Edgar
Program Director	Gene D. Stratton
Chief Announcer	Joel F. Wahlberg
Musical Director	Willby Goff
Chief EngineerRe	gymond P. Aylor, Jr.
Director of Women's Pr	ograms,

Kathleen Sawyer
Special Events Manager......Frank Vann

#### Coverage

	Daylime	Evening
Population—Primary	320,900	320,900
Radio Homes "	61,750	61,750
Population—Secondary	292,700	162,500
Radio Homes— "	19,600	10,003

## WTAR

NORFOLK—EST. 1923 NATIONAL BROADCASTING CO. (RED & BLUE)

FREQUENCY: 790 Kc. POWER: 5000 watts. OWNED BY: WTAR Radio Corp. OPERATED BY: WTAR Radio Corp. BUSINESS ADDRESS: National Bank of Commerce Bldg. PHONE: 2-5671. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Glen Rock Rd. TIME ON THE AIR: 6:30 A.M. to 1:00 A.M. NEWSPAPER AFFILIATIONS: Noriolk Ledger-Dispatch, Noriolk Virginian Pilot. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NAB Library, Davis & Schwegler, Lang-Worth.

#### Personnel

PresidentPaul S. Huber
General Manager Campbell Arnoux
Commercial ManagerJohn W. New
Program & Musical
Director
Assistant Program DirectorJeff Baker
Sports & Special Events
Director Blair Eubanks
Commercial Traffic

Manager ..... Shirly Enright
Production Manager .... Vaughn Bradshaw
Sales Promotion Director ... Ralph S. Hatcher

#### 

	Daytime	Evening
Population—Primary	626,404	368,382
Radio Homes-"	113,040	63,660
Population—Secondary	588,000	79,600
Radio Homes "	108,000	8,900

Source: Field intensity measurements based on 1000 watts; 1940 U. S. Census.

Representative Edward Petry & Co.

# WPID

#### PETERSBURG—EST. 1940

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Petersburg Newspaper Corp. OPERATED BY: Same. BUSINESS ADDRESS: 121 N. Sycamore St. PHONE: 1053. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Colonial Heights, Va. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M.; Sunday, 1:30 P.M. to 5:30 P.M. NEWSPAPER AFFILIATION: Petersburg Progress Index. NEWS SERVICE: Transradio Press.

#### Personnel

President	R. B. Huber
Station Manager	Lee Chadwick
Sales Manager	E. B. Pickard
Sales Promotion Manager	. Richard Godsey
Program Director	Ben Miller
Production Manager	.Frank Facenda
Chief Announcer	Edward Burch
Chief Engineer	Herb Powell

#### Coverage

Population—Primary	139,856
Radio Homes "	27,518
Population—Secondary	418,883
Radio Homes — "	78,050
Source: Field intensity survey; Cha	amber of
Commerce,	

# WMBG

RICHMOND-EST, 1926

NBC-RED

FREQUENCY: 1380 Kc. POWER: 5000 watts. d.: 1000 watts, n. OWNED BY: Havens & Martin, Inc. OPERATED BY: Havens & Martin, Inc. BUSINESS ADDRESS: 3301 West Broad St. PHONE: 5-8611. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Staples Mill Road and Broad St. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. NEWS SERVICE: Transradio Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

President & Station			
Manager	Wilbur	M.	Havens
Secretary	С. н	. w	podward
Treasurer	. Wilfre	d H	. Wood
National Sales and Promotic	on Man	ager	

R. E. Mitchell

## BUY SEVEN SPOTS FOR THE PRICE OF THREE

Seven 1 minute spots—night-time rate— on WMBG—the Red Network outlet in Richmond—cost \$105.00—or \$15.00 each. On the other leading Richmond Station three 1 minute spots—night-time rate—cost \$105.00—or \$35.00 each.

WMBG offers you the Red Network audience—5,000 watts daytime—1000 watts night and equal density of coverage. WMBG charges you only for what it covers—a saving of \$20,00 on a minute spot—other savings in proportion. Before you buy—get the WMBG story. WMBG, NBC Red Outlet. Richmond, Va.

National Repr.—John Blair Co. Basic Red Network Supplementary May Be Purchased Independent of Any Group



RED NETWORK OUTLET - RICHMOND, VA.

JOHN BLAIR CO., REP.

#### VIRGINIA

Chief Announcer	Jack Hooper
Program Director	Garnett Tate
Local Sales Manager	Wm. Filer
Production Manager	J. F. Skinnell
Musical Director	J. Yellen
Chief Engineer	Wilfred H. Wood
~	

Coverage

Daytime	Evening
441,000	278,000
98,900	91,200
290,000	288,000
76,890	71,000
i Commerc	e: Joint
	98,900 290,000 76,890

Representative
John Blair & Co.

# WRNL

NATIONAL BROADCASTING CO.

FREQUENCY: 910 Kc. POWER: 1000 watts. OWNED BY: Richmond Radio Corporation, OPERATED BY: Same. BUSINESS ADDRESS: 323 E. Grace St. PHONE: 3-4242. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Wilkinson Road. TIME ON THE AIR: 5:30 A.M. to 1:00 A.M.: Sunday, 7:00 A.M.: Sunday, 9:00 A.M.: Sunday, 9:

## SOMETHING TO CROW ABOUT!



We have moved to another swell spot on the dial . . . now located at **910** Result St.; in Richmond, Va.



News Leader, Richmond Times-Dispatch, NEWS SERVICE; United Press. TRANSCRIPTION SERVICES: Associated Music, Lang-Worth, MAINTAINS ARTISTS' BUREAU.

#### Personnel

Vice-President
Secretary-TreasurerTennant Bryan
Station ManagerE. S. Whitlock
Production ManagerG. Mallory Freeman
Assistant Production ManagerNewton Smyth
Artists' Bureau HeadGraham Oliver
Chief Engineer

## Representative

Edward Petry & Co.

## WBBL

RICHMOND—EST. 1924

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Grace Covenant Presbyterian Church (M. A. Sitton, Agent). OPERATED BY: Grace Covenant Presbyterian Church, BUSINESS ADDRESS: 1627 Monument Ave. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Sundays, 10:55 A.M. to 12:15 P.M. and 7:45 P.M. to 9:15 P.M.

#### Personnel

Station Mana	iger.	 						. M.	A.	Sitton
Chief Engine	ег					 		. <b>J</b> .	A.	Steere

#### Coverage

	Daytime
Population—Primary	150,000
Radio Homes—"	50,000
Source: Station estimate.	
(Non-Commercial Station)	

## WRVA

#### RICHMOND—EST. 1925

CBS-MBS

FREQUENCY: 1140 Kc. POWER: 50,000 watts. OWNED BY: Larus & Brother Co., Inc. OPERATED BY: Same. BUSINESS ADDRESS: Hotel Richmond, 9th & Grace St. PHONE: 3-6633. STUDIO ADDRESS: Hotel Richmond. TRANSMITTER LOCATION: Edgeworth, Henrico County, Va. TIME ON THE AIR: 5:30 A.M. to Midnight: Sunday, 8:00 A.M. to 12:00 Midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System. NAB Library, Langworth, Davis & Schwegler.

#### Personnel

General Manager
Business ManagerBarron Howard
Public Relations Director W. R. Bishop
Program Service Manager Irvin Abeloff
Publicity Director
Musical DirectorE. D. Nati
Special Events Production

#### VIRGINIA

Representative
Paul H. Raymer Company

# WDBJ

ROANOKE—EST. 1924

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 960 Kc. POWER: 5000 watts. OWNED BY: Times-World Corp. OPERATED BY: Times-World Corp. BUSINESS ADDRESS: 124 West Kirk Ave. PHONE: 8131. 8132. STUDIO ADDRESS: 124 West Kirk Ave. TRANSMITTER LOCATION: Roanoke. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight. (124 hours weekly). NEWSPAPER AFFILIATIONS: The Roanoke Times (morning); The Roanoke World News (evening). NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: NAB Library, Lang-Worth, World Broadcasting System, MAINTAINS ARTISTS' BUREAU.

#### Personnel

President......J. P. Fishburn



# How Ya Doin' in Roanoke?

Sidewalk salesmen have their points, but there's a far better way of getting attention for your product here in the rich, responsive Rounoke area! And that's via the sie-wave of WDBJ! You see, this market of more than two-and-a-half million people (who spend over \$400,000,000 at retail a year!) depends largely on WDBJ for clear radio recontion!

If that sounds like wishful thinking, we'll be happy to send you the proof!



ROANOKE, VIRGINIA

F PETERS In

Owned and Operated by the TIMES WORLD CORP.

CBS Affiliate \* 5000 Wests Day \* 1000 Wests Night \* 930 Kc.

Station Manager	Ray P. Jordan
Commercial Manager	Frank D. Kesler
Program-Publicity Director	Jack Weldon
Production Manager	Paul Reynolds
Artists' Bureau Head &	-
Musical Director	Mary Henson
Chief Engineer	J. W. Robertson

#### Coverage

Γ	Ocytime	Evening
Population-Primary 3	20,200	133,300
Radio Homes— "	47,860	26,880
Population-Secondary 2,2	12,900	924,800
Radio Homes— " 2	61,300	109,990
Source: CBS Listening Area	Study.	

Representative
Free & Peters, Inc.

# WSLS

ROANOKE—EST. 1940
MUTUAL BROADCASTING SYSTEM

TRI-CITY STATIONS (WLVA-WBTM-WSLS)
FREQUENCY: 1490 Kc. POWER: 250 watts.
OWNED BY: Roanoke Broadcasting Corp. OPERATED BY: Roanoke Broadcasting Corp.
BUSINESS ADDRESS: Shenandoah Life Bldg.
PHONE: 9227. STUDIO ADDRESS: Same.
TRANSMITTER LOCATION: Same. TIME ON
THE AIR: 6:00 A.M. to 12:00 Midnight; Sunday, 8:00 A.M. to 12:00 Midnight, (124 hours
weekly). NEWSPAPER AFFILIATION: Roanoke
Times-World. NEWS SERVICE: Transradio.

#### Personnel

President	Paul C. Busord
Station Manager	.James H. Moore
Commercial Manager	.Frank E. Koehler
Program Director	Fred C. Johnstone
Publicity Director	Hunton Downs
Chief Announcer	Joe Ripley
Musical Director	John Kirk
Chief Engineer	Philip Briggs

Coverage

	Daytime	Évening
Population—Primary	132,436	112,057
Radio Homes— "	25,219	22,120
Population—Secondary	220,828	163,941
Radio Homes— "	37,320	29,968
Source: Field intensity	survey:	1940 U. S.
Census; Joint Committee.	-	

WLPM

SUFFOLK-EST. 1940

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Suffolk Broadcasting Corp. OPERATED BY: Suffolk Broadcasting Corp. BUSINESS ADDRESS: 105 Bank St. STUDIO ADDRESS: 105 Bank St. TRANSMITTER LOCATION: Richmond Highway. TIME ON THE AIR: 110 hours weekly. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

President-Station Manager	Fred L. Hart
Commercial Manager	
Program Director	Ken Given
Production Manager	
Publicity Director	.Elizabeth Griggs
Sales Promotion Manager	Margaretta Smith
Chief Announcer	Don Smith
Musical Director	Ken Beavers
Chief Engineer	Iack Siegal

#### Coverage

	Daytime	Evening
Population—Primary	150,000	80,000
Radio Homes— "	77,560	77,560
Population—Secondary	300,000	200,000
Source: Station survey.		

#### Representative

Sears & Ayer, Inc.

# WASHINGTON

Population 1,736,191

Number of Radio Homes 502,780

Number of Families 534,237

Auto Registrations 564,800

For 1940 Census data, please turn to page 284

## KXRO

ABERDEEN—EST. 1926
MUTUAL—DON LEE BROADCASTING CO.

PACIFIC BROADCASTING CO.

FREQUENCY: 1340 Kc. POWER: 250 waits. OWNED BY: KXRO, Inc. OPERATED BY: KXRO, Inc. OPERATED BY: KXRO, Inc. BUSINESS ADDRESS: P. O. Box 1120. PHONE: Aberdeen 4098 and 4099. STUDIO ADDRESS: 207 East Market St. TRANSMITTER LOCATION: Finch Farms. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. (Daily): 8:30 A.M. to 11:00 P. M. (Sunday). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

President	. Harry R. Spence
Commercial Manager	Fred G. Goddard
Program Director	Edith Garrett
Production Manager	Art Lindsay
Publicity Director	Elmer Holmberg
Chief Announcer	W. M. McGoffin
Home Economics Director	Ruth Poindexter
News Editor	John Forbes
Musical Director	Stan Spiegle
Chief Engineer	W. M. McGoffin

#### Coverage

	Daytime	Evening
Population—Primary	85,346	85,346
Radio Homes— "	21,300	21,300
Population—Secondary	39,866	19,933
Radio Homes— "	13,950	6.975
Source: MBS Survey.		

#### Representative

John Blair & Company

## KVOS

## BELLINGHAM—EST. 1927

MUTUAL—DON LEE PACIFIC BROADCASTING CO.

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: KVOS, Inc. OPERATED BY: KVOS, Inc. OPERATED BY: KVOS, Inc. BUSINESS ADDRESS: KVOS Bldg. PHONE: 4200-1627-34. STUDIO ADDRESS: KVOS Bldg. TRANSMITTER LOCATION: 900 Roeder Ave. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: Lang-Worth, C. P. MacGregor.

#### Personnel

PresidentRog	on Jones
Coverage	
Population—Primary	117,767
Radio Homes "	22,200
Source: Mail response analysis.	
Representative	
John Blair & Co.	

# KELA

#### CENTRALIA AND CHEHALIS

EST. 1937

MUTUAL—DON LEE PACIFIC BROADCASTING CO.

FREQUENCY: 1470 Kc. POWER: 1000 watts.
OWNED BY: Central Broadcasting Corp.
OPERATED BY: Central Broadcasting Corp.
BUSINESS ADDRESS: Kela Bldg. PHONE:
Chehalis 721—Centralia 721. STUDIO AD
DRESS: Same. TRANSMITTER LOCATION:
Same. TIME ON THE AIR: 7:00 A.M. to 12:00
Midnight. NEWS SERVICE: Transradio Press.

United Press. TRANSCRIPTION SERVICE:

Lang-Worth, Davis & Schwegler.

Personnel	Commercial ManagerTodd Atkinson
General Manager	Program DirectorRoss Snyder
Commercial ManagerJoseph Chytil	Production ManagerBill Cunningham
Sales Promotion ManagerSam Norin Program DirectorVincent Voegele	Publicity Director-Traffic Manager, Thelma Bryan
Chief Announcer	Musical DirectorDorothy Atkinson
Chief Engineer Arnold Werner	Chief EngineerLarry Curd
Coverage	Coverage
Radio Homes—Primary 28,000 Radio Homes—Secondary 22,500	Population—Primary         135,000           Radio Homes—"         33,000
Source: Mail response analysis.	Population—Secondary 102,347
Representative	Radio Homes— " 27,296  Representative
John Blair & Company Romig Fuller (Seattle)	John Blair & Co.
homig ruler (Seattle)	•
KRKO	KĠY
EVERETT—EST. 1922	OLYMPIA-EST. 1921 (non-Comm.)
MUTUAL—DON LEE	1932 (Comm.)
PACIFIC BROADCASTING CO. FREQUENCY: 1400 Kc. POWER: 250 watts.	MUTUAL—DON LEE BROADCASTING
OWNED BY: Everett Broadcasting Co. OPER-	SYSTEM PACIFIC BROADCASTING CO.
ATED BY: Everett Broadcasting Co. BUSINESS	FREQUENCY: 1240 Kc. POWER: 250 watts.
ADDRESS: 300 Clark Bldg. STUDIO ADDRESS: 300 Clark Bldg. TRANSMITTER LOCATION:	OWNED BY: KGY, Inc. OPERATED BY: KGY,
Everett. TIME ON THE AIR: 7:00 A.M. to 12:00	Inc. BUSINESS ADDRESS: Capitol Park Bldg. PHONE: 5000. STUDIO ADDRESS: Capitol
noon—4:00 P.M. to 7:00 P.M.; Sunday, 9:00 A.M. to 4:00 P.M. NEWS SERVICE: Transradio	Park Bldg. TRANSMITTER LOCATION: Capitol
Press. MAINTAINS ARTISTS' BUREAU.	Park Bldg. TIME ON THE AIR: 7:00 A.M. to
Personnel	11:00 P.M. (except Thursday—off at 7:30 P.M.) Silent Sunday. NEWS SERVICE: United Press,
President-Station ManagerLee E. Mudgett	Transradio Press.
Commercial Manager	Personnel
Musical DirectorMaynard Bordsen	President-Station Manager
Coverage	Program Director Brockett Hiley
Population—Primary 123,800	Production Manager Theresa K. Olsen
Radio Homes— " 33,900	News Editor
Source: Mail response analysis.  Representative	Coverage
John Blair & Co.	Population—Primary         303,400           Radio Homes—"         86,300
	Source: Mail response analysis.
KWLK	Representative
LONGVIEW—EST. 1938	Burn-Smith Co.
MBS—DON LEE BROADCASTING SYSTEM	1/ W C A
PACIFIC BROADCASTING CO. FREQUENCY: 1400 Kc. POWER: 250 watts.	KWSC
OWNED BY: Twin City Broadcasting Corp.	PULLMAN—EST. 1921
OPERATED BY: Twin City Broadcasting Corp.	FREQUENCY: 1250 Kc. POWER: 5000 watts.
BUSINESS ADDRESS: National Bank Commerce Bldg. PHONE: 1-500, STUDIO ADDRESS: Same.	OWNED BY: State College of Wash. OPER- ATED BY: State College of Wash. BUSINESS
TRANSMITTER LOCATION: Ocean Beach High-	ADDRESS: State College, PHONE: 6044, STU-
way. TIME ON THE AIR: 6:55 A.M. to 11:00 P.M. NEWSPAPER AFFILIATION: Longview	DIO ADDRESS: State College. TRANSMITTER LOCATION: Pullman. TIME ON THE AIR:
Daily News. NEWS SERVICE: Associated	771-2 hours weekly.
Press, United Press. TRANSCRIPTION SER-	Personnel
VICE: C. P. MacGregor.  Personnel	President
PresidentArt Campbell	Production Director
Station ManagerRalph R. Bryan	Chief Engineer
Sales ManagerLeonard Franklin	(Non-Commercial Station)

## KEVR SEATTLE—EST. 1925

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Evergreen Broadcasting Corp. OPERATED BY: Evergreen Broadcasting Corp. BUSINESS ADDRESS: Smith Tower. PHONE: Seneca 2056. STUDIO ADDRESS: Smith Tower. TRANSMITTER LOCATION: Smith Tower. TIME ON THE AIR: 57 hours weekly. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

President
Commercial Manager
Program-Publicity DirectorA. B. Fuller
Chief Announcer

# KIRO

SEATTLE—EST. 1935 (1928 as KPCB)

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 710 Kc. POWER: 10,000 waits. OWNED BY: Queen City Broadcasting Co. OPERATED BY: Queen City Broadcasting Co. BUSINESS ADDRESS: Cobb Bldg. PHONE: Seneca 1500. STUDIO ADDRESS: Cobb Bldg. TRANSMITTER LOCATION: Vashon Maury Island, Chautauqua, Wash. TIME ON THE AIR: 6:00 A.M. to 2:00 A.M. daily: Sunday. 7:00 A.M. to 1:00 A.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: World Broadcasting System, Standard Radio.

#### Personnel

PresidentLouis K. Lear
Station Manager
Assistant Business ManagerLoren B. Stone
Business ManagerLoren B. Stone
Program DirectorTommy Thomas
Sales Manager
Chief Announcer
Publicity DirectorBill Mosher
Chief EngineerJames Hatfield

#### Coverage

	Daytime	rvening
Population—Primary	1,137,800	1,315,500
Radio Homes— "	261,300	295,303
Population—Secondary	1,033,400	1,379,600
Radio Homes— "	244,280	307,480
Source: CBS Listening A	rea study	(based on
1000 watts).	-	

#### Representative

Free & Peters, Inc.

# Kjr

SEATTLE—EST. 1921 NBC (PACIFIC COAST BLUE)

NORTHWEST TRIANGLE

FREQUENCY: 1000 Kc. POWER: 10000 watts. OWNED BY: National Broadcasting Co. OPERATED BY: Fisher's Blend Station, Inc. BUSINESS ADDRESS: Skinner Bldg. PHONE: Elliott 5890. STUDIO ADDRESS: Same.

TRANSMITTER LOCATION: 2600 26th Ave., S. W. West Waterway. TIME ON THE AIR: (daily) 7:00 A.M. to 12:00 P.M. (Sunday) 8:00 A.M. to 11:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

## Personnel President......O. W. Fisher

Station ManagerBirt F. Fisher
Commercial & Advertising
ManagerH. M. Feltis
Program Director
Sales Promotion ManagerCharles A. Bailie
Public Relations DirectorPeter Lyman
Publicity DirectorDick Keplinger
Chief Announcers Homer Pope, Bennett Fisher
Traffic ManagerVirginia Murray
AuditorJ. B. Henley
Chief EngineerFrancis Brott

#### Coverage

	Dayume	Evening
Population—Primary	909,600	909,600
Radio Homes— "	213,800	213,800
Population—Secondary	118,100	118,100
Radio Homes "	20,900	20,900
Source: Mail and field	intensity	surveys;
U. S. Census; Joint Commit	itee.	-

#### Representative

Edward Petry & Co., Inc.

# KŎL

#### SEATTLE—EST. 1922 MUTUAL—DON LEE

PACIFIC BROADCASTING CO.

FREQUENCY: 1300 Kc. POWER: 5000 watts, d.: 1000 watts, n. OWNED BY: Seattle Broadcasting Co. OPERATED BY: Same, BUSINESS ADDRESS: Northern Life Tower, PHONE: Main 2312. STUDIO ADDRESS: Same, TRANSMITTER LOCATION: 1110 West Florida. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight, daily: 8:00 A.M. to 11:00 P.M., Sundays. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: Standard Radio, Lang-Worth, C. P. MacGregot.

#### Personnel

Manager Archie Ta	
Commercial ManagerOliver A. Runche	y
Program Director	h
Publicity-Continuity DirectorFair Taylo	T
Dramatic DirectorArnold Morga	n
Traffic ManagerGrace Larse	n
Musical Director	m
Chief Engineer	d

#### Coverage

Population—Primary .... 1,010,000 1,010,000 Radio Homes— " .... 271,010 271,010 Source: Field strength measurements and mail response analysis.

## Representative

Reynolds-Fitzgerald, Inc.

## K O M O

SEATTLE-EST. 1925

NBC (PACIFIC COAST RED)
NORTHWEST TRIANGLE

FREQUENCY: 950 Kc. POWER: 5000 watts. OWNED BY: Fisher's Blend Station, Inc. OPERATED BY: Same. BUSINESS ADDRESS: Skinner Bldg. PHONE: Elliott 5890. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 2600 26th Ave., S. W. West Waterway. TIME ON THE AIR: (daily) 7:00 A.M. to 12:00 Midnight. (Sunday) 8:00 A.M. to 11:00 P.M. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

PresidentO. W. Fisher
Station ManagerBirt F. Fisher
Commercial & Advertising
Manager
Program Director
Publicity News DirectorDick Keplinger
Public Relations DirectorPeter Lyman
Sales Promotion ManagerCharles A. Bailie
Traffic ManagerVirginia Murray
Auditor
Chief Engineer Francis Brott

#### Coverage

	Dayume	Evening
Population—Primary	909,600	909,600
Radio Homes— "	213,800	213,800
Population—Secondary	99,900	99,900
Radio Homes— "	17,200	17,200
Source: Mail and field	intensity	surveys;
U. S. Census: Joint Commit	lee.	_

## Representative Edward Petry & Co., Inc.

# KRSC

SEATTLE-EST, 1926

FREQUENCY: 1150 Kc. POWER: 1000 watts. OWNED BY: Radio Sales Corp. OPERATED BY: Radio Sales Corp. BUSINESS ADDRESS: 2939 Fourth St. PHONE: Main 0110. STUDIO ADDRESS: 2939 Fourth St. TRANSMITTER LOCATION: 2939 Fourth St. TIME ON THE AIR: 6:00 A.M. to 2:00 A.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth, C. P. MacGregor, Associated Music Publishers, Davis & Schwegler.

#### Personnel

PresidentP. K. Leberman
Station ManagerRobt, E. Priebe
Commercial Manager
Program DirectorTed Bell
Publicity Director E. B. Rivers
Musical DirectorJack Meves
Chief Engineer George A. Freeman

#### Coverage

Population—Primary 735.200
Radio Homes— 204,900
Source: Fleld strength survey.

Representative
Radio Advertising Corp.

# ΚŤW

#### SEATTLE-EST. 1920

FREQUENCY: 1250 Kc. POWER: 1000 watts. OWNED BY: The First Presbyterian Church of Seattle. OPERATED BY: Same. BUSINESS ADDRESS: 7th & Spring Sts. PHONE: Main 4177, Main 2056. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: (Sunday) 9:30 A.M. to 10:30 P.M. (Thursday) 7:30 P.M. to 10:30 P.M. (Shares time with radio station KWSC.)

#### Personnel

Pastor and Station
ManagerDr. M. A. Matthews
Chief Announcer
Musical Director
Chief EngineerJames S. Ross
(Non-Commercial Station)

# K X A

FREQUENCY: 770 Kc. POWER: 1000 watts. OWNED BY: American Radio Telephone Co. OPERATED BY: American Radio Telephone Co. BUSINESS ADDRESS: Bigelow Bldg. PHONE: Seneca 1000-1001. STUDIO ADDRESS: Bigelow Bldg. TRANSMITTER LOCATION: S. Alaskan Way and Atlantic St. TIME ON THE AIR: 6:30 A.M. to sundown: 10:00 P.M. to 3:00 A.M. (9:00 P.M. during eastern daylight saving time). NEWS SERV-ICE: International News Service.

#### Personnel

President. R. F. Meggee
Station Manager. Florence Wallace
Program Director J. Jackson Latham
Publicity Director Darwin Solseth
Chief Engineer. Maurice M. McMullen

## Representative

Burn-Smith Co.

## KFIO SPOKANE—EST. 1922

FREQUENCY: 1150 Kc. POWER: 100 waits. OWNED BY: Spokane Broadcasting Co. OPERATED BY: Spokane Broadcasting Co. BUSI-NESS ADDRESS: 526 Riverside Ave. PHONE: Main 3400. STUDIO ADDRESS: 526 Riverside Ave. TRANSMITTER LOCATION: 526 Riverside Ave. TIME ON THE AIR: 6:00 A.M. to local sunset. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: C. P. MacGregor, Lang-Worth.

#### Personnel

President & Manager Arthur L. Smith
Commercial ManagerB. E. Woolston
Program Director G. Longmeier
Chief Announcer
Chief Engineer

# KFPY

#### SPOKANE—EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 920 Kc. POWER: 5000 waits. OWNED BY: Symons Broadcasting Co., Inc. OPERATED BY: Same. BUSINESS ADDRESS: Symons Bldg. PHONE: Main 1218. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Route 3, Box 100. TIME ON THE AIR: (Daily) 6:00 A.M. to 12:05 P.M.; (Sunday) 8:00 A.M. to 12:05 P.M.; (Sunday) NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Lang-Worth, NAB Library, Standard Radio, Davis & Schwegler.

#### Personnel

PresidentT.	W. Symons, Jr.
General Manager	Arthur L. Bright
Program Manager	R. W. Brazeal
Chief Announcer	John L. Mallow
Musical Director	James B. Clark
Chief Engineer	George Langford

Coverage

	Daytime	Evening
Population—Primary	506,100	523,500
Radio Homes— "	103,350	106,120
Population—Secondary	726,80 <b>0</b>	279,800
Radio Homes— "	179,170	60,410
Source: CBS Listening A	rea study (	based on
1000	-	

## *Representative*

The Katz Agency

# KĠA

#### SPOKANE—EST. 1926

NBC (BLUE)—NORTHWEST TRIANGLE CHAIN FREQUENCY: 1510 Kc. POWER: 10000 watts. OWNED BY: Louis Wasmer. OPERATED BY: Louis Wasmer. BUSINESS ADDRESS: Radio Central Bldg. PHONE: M 5383. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Lidgewood & Rowan. TIME ON THE AIR: Full Time License.

#### Personnel

Station ManagerLouis	Wasmer		
Assistant Manager	Wixson		
Coverage			
Population—Primary	232,700		
Radio Homes— "	84,600		
Population—Secondary	103,200		
Radio Homes— "	24.900		

#### Representative

Source: Mail response analysis,

Edward Petry & Company

## KHQ

#### SPOKANE-EST, 1920

#### NORTHWEST TRIANGLE CHAIN

#### NATIONAL BROADCASTING CO.-(RED)

FREQUENCY: 590 Kc. POWER: 5000 Watts. OWNED BY: Louis Wasmer, Inc. OPERATED BY: Louis Wasmer, Inc. BUSINESS ADDRESS: Radio Central Bldg. PHONE: M-5383. STUDIO ADDRESS: Radio Central Bldg. TRANSMITTER LOCATION: 4105 S. Regal St. TIME ON THE AIR: 6:30 A.M. to 12:00 midnight: Sunday, 8:00 A.M. to 12:00 midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus and has Studio Recording Equipment.

#### Personnel

PresidentLouis Wasmer
Station Manager
Chief Announcer
Musical DirectorEarl Shinkoskey
Chief Engineer

#### Coverage

Population	—Prin	nary			742,352
Radio Hon	nes	"			186,322
Source:	Mail	analysis	and	field	strength
survey.					

#### Representative

Edward Petry & Co., Inc.

## K M O

#### TACOMA—EST. 1922

MUTUAL—DON LEE NETWORK PACIFIC BROADCASTING CO.

FREQUENCY: 1360 Kc. POWER: 5000 watts. OWNED BY: Carl E. Haymond. OPERATED BY: Carl E. Haymond. BUSI-NESS ADDRESS: 914\(^1\)2 Broadway. PHONE: Main 4144. STUDIO ADDRESS: 914\(^1\)2 miles east of Tacoma on Tacoma-Seattle Highway. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight: Sunday. 8:00 A.M. to 11:00 P.M. (123 hours weekly). NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: Lang-Worth, Davis & Schwegler: C. P. MacGregor.

#### Personnel

Owner-General Manager	Carl E. Haymond
Station Manager	J. A. Murphy
Commercial Manager	Roscoe A. Smith
Traffic Manager	Jack Clark
Chief Announcer	Charles Foll
Musical Director	Marion Kay
Auditor	Paul F. Benton
Program Director	Dick Ross
Chief Engineer	Joe Kolesar

#### Coverage

Population—Primary	253,235
Radio Homes— "	73,069
Population—Secondary	739.220
Radio Homes— "	213,260
Source: Mail response analysis: Jo	int Com-
mittee.	

#### Representative

John Blair & Company
Romig C. Fuller & Associates (Washington)

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#### TACOMA—EST. 1929

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 570 Kc. POWER: 5000 watts. OWNED BY: Puget Sound Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: W. R. Rust Bldg. PHONE: BR. 4211 (Tacoma): Ma. 1171 (Seattle). STUDIO ADDRESS: W. R. Rust Bldg., Tacoma; Olympic Hotel, Seattle. TRANSMITTER LOCATION: Vashon Island. TIME ON THE AIR: 6:00 A.M. to Midnight; Sunday, 8:00 A.M. to 12:00 Midnight (124 hours weekly). NEWSPAPER AFFILIATION: Tacoma News Tribune. NEWS SERVICE: Associated Press (non-commercial). TRANSCRIPTION SERVICE: C. P. MacGregor.

#### Personnel

President & Station
ManagerVernice Irwin
Commercial ManagerEarl T. Irwin
Sales Promotion Director Elvin E. Evans
Program DirectorDorothy Doernbecher
Publicity DirectorVincent Daniel
Traffic ManagerLouise Receconi
Musical DirectorJane Powers
Chief EngineerWilliam Haase

Coverage

	Daytime	Evening
Population—Primary	1,327,500	980,900
Radio Homes— "	300,380	231.530
Population Secondary	1,650,100	1,262.000
Radio Homes "	358,800	282,420
Source: CBS Listening St	udy (based	on 1,000
watts).	-	

#### Representative

George P. Hollingbery Co.

## KVAN

#### VANCOUVER-EST. 1939

FREQUENCY: 910 Kc. POWER: 250 watts. OWNED BY: Vancouver Radio Corp. OPERATED BY: Same. BUSINESS ADDRESS: Evergreen Hotel. PHONE: 150, 771. STUDIO ADDRESS: Evergreen Hotel. TRANSMITTER LOCATION: 2915 Fruit Valley Road. TIME ON THE AIR: Daytime License. NEWSPAPER AFFILIATION: Clark County Sun, Vancouver Sun, NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

President-General ManagerWalter L. Read
Vice-President
Commercial Manager S. W. McReady
Chief EngineerPaul W. Spargo

#### Coverage

Population—Primary	420,000
Radio Homes— "	114,250
Population—Secondary	600,000
Radio Homes— "	196,423
Source: Field intensity survey.	

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#### WALLA WALLA—EST, 1928

FREQUENCY: 1427 Kc. POWER: 1000 watts. OWNED BY: KUJ. Inc. OPERATED BY: KUJ. Inc. OPERATED BY: KUJ. Inc. BUSINESS A D D R E S S: 2nd and Rose Sts. PHONE: 1230. STUDIO ADDRESS: 2nd and Rose Sts. TRANSMITTER LOCATION: 2nd and Rose Sts. (C.P. U. S. Highway No. 410 and Sudbury Rd.). TIME ON THE AIR: 6:30 A.M. to 10:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System, Lang-Worth. Associated.

#### Personnel

#### President and General

Manager. H. E. Studebaker
Assistant General Manager. G. S. Studebaker
Commercial Director. Jerry Jensen
Advertising Director. Norval Armes
Publicity Director. Birney Blain
Chief Announcer. Jimmie Nolan
Musical Director. Roy Dorr
Chief Engineer. Milton MacLafferty

#### Coverage

	Daytime	Evening
Population—Primary	60,000	100,000
Radio Homes— "	22,500	37,000
Population—Secondary	110,000	15 <b>0,00</b> 0
Radio Homes—"	35,00 <b>0</b>	67,000
Source: Field intensity	survey; U.	S. Cen-

sus (based on 1000 watts).

Representative

John Blair & Co.

# ΚΡ̈́Q

WENATCHEE—EST. 1930
MUTUAL—DON LEE BROADCASTING
COMPANY

PACIFIC BROADCASTING CO.

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Wescoast Broadcasting Co. OPERATED BY: Wescoast Broadcasting Co. BUSINESS ADDRESS: KPQ Bldg. PHONE: 45 and 875. STUDIO ADDRESS: KPQ Bldg. TIME ON THE AIR: 6:30 A.M. to 11:00 P.M. (Daily): 9:00 A.M. to 11:15 P.M. (Sunday). NEWS SERVICE: Transpagio Press.

#### WASHINGTON-WEST VIRGINIA

#### Personnel

PresidentRogan Jo	nes
Station and Commercial	
ManagerCole W	ylie
Chief AnnouncerPat Ha	уев
Chief EngineerE. E. W	ylie
Coverage	_

Population—Primary	 74,500
Radio Homes "	 19,000
~ ~	

Source: Mail response analysis.

YAKIMA—EST, 1929

MUTUAL-DON LEE BROADCASTING SYSTEM

PACIFIC BROADCASTING CO. FREQUENCY: 1280 Kc. POWER: 1000 waits. OWNED BY: Carl E. Haymond. OPERATED BY: Carl B. Haymond. BUSINESS ADDRESS: 414 E. Yakima Ave. PHONE: 8115, 8116. STUDIO ADDRESS: 414 E. Yakima Ave. TRANSMITTER LOCATION: Old Town, Wash. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight; Sunday, 8:00 A.M. to 12:00 Midnight (124 hours weekly). NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: Lang-Worth, Davis & Schwegler.

#### Personnel

President
Resident Station ManagerJ. A. Murphy
Commercial and Sales Promotion Manager,
Harrison A Miller

	namson A. Phile
Program Director	William Murphy
Publicity Director	P. W. Wick
Chief Announcer	Charles Foster
Musical Director	. Maryalyce Adkins
Chief Engineer	H. B. Murphy

Coverage

	~ uy imile		0	***
Population	210,000	10	9,88	00
Radio Homes	49.875		40,5	36
Source: Mail response of	analysis;	1940	U.	S.
Canana	-			

Representative John Blair & Company

# /EST VIRGIN

Population 1,901,974

Number of Radio Homes 336,670

Number of Families 445,686 Auto Registrations 295,510

For 1940 Census data, please turn to page 285

# BECKLEY—EST, 1939

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Joe L. Smith Jr. OPERATED BY: Joe L. Smith Jr. BUSINESS ADDRESS: WJLS Bldg., Main St. PHONE: 2700. STUDIO AD-DRESS: Same. TRANSMITTER LOCATION: Teel Road. TIME ON THE AIR: 6:00 A.M. to 10:00 P.M., daily; 9:00 A.M. to 8:30 P.M., Sunday (10712 hours weekly). NEWS SER-VICE: Transradio Press, United Press. TRAN-SCRIPTION SERVICE: NBC Thesaurus, Davis & Schwegler.

#### Personnel

Station Manager	Joe L. Smith Jr.
Assistant Manager	Charles Armentrout
Program Director	Kathryn Riddick
Chief Announcer	Jay O'Reilly
Auditor	V. Z. Cooper
Continuity Director	James Burke
Chief Engineer	Al Ginkle

#### Coverage

	Daytime	Evening
Population—Primary	217,394	176,237
Radio Homes— "	40,470	32,890
Population—Secondary	234,922	102,717
Radio Homes— "	43,610	19,410
Source: 1930 U.S. Censu	s; Joint Co	ommittee.

#### Representative

Associated Radio Sales

BLUEFIELD-EST, 1928

FREQUENCY: 1440 Kc. POWER: 1000 watts, d.; 500 watts, n. OWNED BY: Daily Telegraph Printing Co. OPERATED BY: Daily Telegraph Printing Co. BUSINESS ADDRESS: 621 Commerce St., Bodell Bldg. STUDIO AD-DRESS: Same. TRANSMITTER LOCATION: Harry Heights. TIME ON THE AIR: 5:00 A.M. to 11:00 P.M. NEWSPAPER AFFILIATION: Bluefield Daily Telegraph, Sunset News. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: World Broadcasting System, Lang-Worth. MAINTAINS ARTISTS' BUREAU.

#### Personnel

Shott
Alley
Odell
Nash
rnett
31ake
Clark
issey
agan

51,550

# Coverage Population—Primary 559,295 Radio Homes—" 97,580 Population—Secondary 321,610

Radio Homes— "
Source: Mail response analysis.

Representative
The Katz Agency

# WCHS

CHARLESTON—EST. 1927 CBS—WEST VIRGINIA NETWORK

FREQUENCY: 580 Kc. POWER: 5000 waits. OWNED BY: John A. Kennedy. OPERATED BY: Howard L. Chernoff, Station Manager. BUSINESS ADDRESS: 1016 Lee St. PHONE: 28-131-2-3-4. STUDIO ADDRESS: 1016 Lee St. TRANSMITTER LOCATION: Kanawha Country Club Road. TIME ON THE AIR: 5:30 A.M. to 1:00 A.M. NEWS SERVICE: United Press. Associated Press. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

President	John A. Kennedy
Managing Director	.Howard L. Chernoff
Technical Advisor	Odes E. Robinson
Program Director	James C. Keefe
Local Commercial Mgr	H. C. Wrlght

#### Coverage

	Daytime	Evening
Population—Primary	1,186,628	140,670
Radio Homes— "	244,986	142.230
Population—Secondary .	580,805	168,794
Radio Homes— "	131,737	163,700
* Families.		

Source: Department of Commerce.

Representative

The Branham Co.

# WGKV

CHARLESTON—EST. 1939 NATIONAL BROADCASTING CO.

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Kanawha Valley Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 1016 Lee St. PHONE: 37-541. STUDIO ADDRESS: 1016 Lee St. TRANSMITTER LOCATION: Coal Branch Heights. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight, daily; 8:00 A.M. to 12:00 Midnight, Sundays (118 hours weekly). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated Music Publishers.

#### Personnel

President	<b>w.</b>	A. Carroll
Managing Director	R.	F. Sowers
Sales Promotion ManagerC	harle	s Williams
Production Manager	. J. B.	Matthews
Chief Announcer	All	ov Gerard

## WBLK

CLARKSBURG—EST. 1937 NATIONAL BROADCASTING CO. THE WEST VIRGINIA NETWORK

FREQUENCY: 1400 Kc. POWER: 250 waits. OWNED BY: The Exponent Company. OPERATED BY: Same. BUSINESS ADDRESS: 444½ West Pike St. PHONE: 3040. STUDIO ADDRESS: 444½ West Pike St. TRANSMITTER LOCATION: Glen Elk, Clarksburg. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight; Sunday, 8:00 A.M. to 12:00 Midnight. NEWS-PAPER AFFILIATION: The Clarksburg Exponent. NEWS SERVICE: United Press, Associated Press. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

President	John A. Kennedy
General Manager	.G. C. Blackwell
Program-Musical Director	Don McWhorter
Chief Announcer Cho	rles T. Snowdon
Bookkeeper	Joy Wilfong
Chief Engineer	C. S. Clemans

#### Coverage

Population—Primary	*51,136
Radio Homes— "	49,520
Population—Secondary	*45,242
Radio Homes— "	42,050
* P:1:	

\* Families. Source: U. S. Census.

## Representative

The Branham Co.

# W M M N

FAIRMONT—EST. 1928

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 920 Kc. POWER: 5000 watts. OWNED BY: Monongahela Valley Broadcasting Co. OPERATED BY: Monongahela Valley Broadcasting Co. BUSINESS ADDRESS: 208 Adams St. PHONE: 3100. STUDIO ADDRESS: 208 Adams St. TRANSMITTER LOCATION: Monongah. TIME ON THE AIR: 3:00 A.M. to 12:00 Midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio, Davis & Schwegler. MAINTAINS ARTISTS' BUREAU.

#### Personnel

President
Station & Sales ManagerO. J. Kelchner
Office Manager
Program Manager & Chief
Announcer
Production ManagerJoe Edison
Continuity Editor
Publicity DirectorPat Moran
Musical Director
Chief EngineerRoy Heck

#### Coverage

	Daytime	Evening
Population—Primary	1,235,500	763,000
Radio Homes— "	258,190	163,240
Population-Secondary	1,142,500	690,762
Radio Homes— "	241,260	152,670
Source: Sales Managen	nent	

Source: Sales Management.

.

Representative
John Blair & Company

# WSAZ

#### HUNTINGTON—EST. 1927 WEST VIRGINIA NETWORK

FREQUENCY: 930 Kc. POWER: 1000 Watts. OWNED BY: WSAZ, Inc. OPERATED BY: WSAZ, Inc. OPERATED BY: WSAZ, Inc. BUSINESS ADDRESS: 929½ 4th Ave. PHONE: 4106. STUDIO ADDRESS: 929½ 4th Ave. TRANSMITTER LOCATION: Burlington, Ohio. TIME ON THE AIR: Unlimited license. NEWSPAPER AFFILIATION: Huntington Herald-Dispatch, Huntington Advertiser. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

#### Personnel

# WLOG

LOGAN-EST. 1940

FREQUENCY: 1230 Kc. POWER: 250 waits. OWNED BY: Clarence H. Frey and Robert O. Greever. OPERATED BY: Clarence H. Frey and Robert O. Greever. BUSINESS ADDRESS: Logan. STUDIO ADDRESS: Kanada St. PHONE: 761. TRANSMITTER LOCATION: Kanada St. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. (102 hours weekly). NEWSPAPER AFFILIATION: Logan Banner. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

#### Personnel

President
General Manager
Commercial and Sales Promotion Manager
Chief AnnouncerFred Parsons
Musical Director and Director of
Women's ProgramsQuinnelle Vann
Chief Engineer Bernard H. Bopp

#### Coverage

	••	
Population—Primary		67 <i>.</i> 756
Radio Homes— "		10,870
Source: Mail respo	nse survey.	

## WAJR

#### MORGANTOWN-EST, 1940

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: West Virginia Radio Corp. OPERATED BY: West Virginia Radio Corp. BUSINESS ADDRESS: 440-446 Spruce St. PHONE: 9488. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Charleston Ave. and Summers St. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M. NEWSPAPER AFFILIATION: Morgantown Dominion-News and Post. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

President	H. C. Greer
Station Manager	.C. H. Murphey
Program Director	Jon Goerss
Musical Director	Elsie Thomas
Chief Engineer	R. C. Spence

## WPAR

#### PARKERSBURG—EST. 1935 CBS—WEST VIRGINIA NETWORK

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Ohio Valley Broadcasting Corp. OPERATED BY: Ohio Valley Broadcasting Corp. BUSINESS ADDRESS: Grinter Bldg. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Gihon Road, S. Parkersburg. TIME ON THE AIR: 7:00 a.m. to 11:05 p.m., Sundays. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

President	John A. Kennedy
Station Manager	Abe Rauch
Commercial Manager	Audra Archer
Sales Manager	.Roland Marshall
Program Director	Carl Loose
Musical Director Sarah	L. Heermans Heck
Chief Engineer	William Sodaro

#### Coverage

	Daytime	Evening
Population—Primary*	33,915	31,575
Radio Homes "	32,380	30,250
Population—Secondary* .	125,086	82,909
Radio Homes— "	119.250	79,870
* Families.		

Source: Joint Committee.

#### Representative

The Branham Co.

## **WBRW**

•

#### WELCH-EST, 1940

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED BY: McDowell Service Co. OPERATED BY: McDowell Service Co. BUSINESS ADDRESS: 10 Riverside. PHONE: 818. STUDIO ADDRESS: 10 Riverside. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 110 hours weekly. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesagurus.

#### Personnel

PresidentJ. W. Blakely
Station Manager
Program-Musical DirectorJoe J. Herget
Production Manager-Chief Announcer,
Gordon Redding
Publicity Director
Chief EngineersTom Phillips, George Yazell

#### Coverage

Population	117,536
*Radio equipped population,	
Source: Station survey.	

## WKWK\*

#### WHEELING—EST. 1941

FREQUENCY: 1370 Kc. POWER: 100 watts. OWNED BY: Community Broadcasting, Inc. OPERATED BY: Community Broadcasting, Inc. BUSINESS ADDRESS: Wheeling. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited license.

#### Personnel

PresidentJoe L. Smith
Vice-President
Secretary-Treasurer
'Station was licensed to operate under a
construction permit at time of going to press
and no further information was available.

# WWVA

#### WHEELING-EST. 1926

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1170 Kc. POWER: 50000 watts. OWNED BY: West Virginia Broadcasting Corp. OPERATED BY: West Virginia Broadcasting Corp. BUSINESS ADDRESS: Hawley Bldg. PHONE: Wheeling 5383. STUDIO ADDRESS: Hawley Bldg. TRANSMITTER LOCATION: Near West Liberty. TIME ON THE AIR: 5:30 A.M. to between 8:30 P.M. and 2:00 A.M. daily: 7:00 A.M. to between 9:00 P.M. and 2:00 A.M..

Sundays. NEWSPAPER AFFILIATION: Greater Wheeling Home Talk. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Lang. Worth.

#### Personnel

President Managing Director	George W. Smith
Production Manager	Poul I Miller
Program Director	William L. Thomas
Chief Engineer	.Glenn G. Boundy

#### Coverage

	Daytime	Evening
Population—Primary	3,051,400	1,356,400
Radio Homes-"	523,310	238,740
Population—Secondary		4,537,100
Radio Homes—"	1,272,800	890,450
Source: Columbia Listen	ing Area	Study

#### Representative

John Blair & Company

# WBTH

## WILLIAMSON-EST. 1939

FREQUENCY: 1400 Kc. POWER: 250 waits. OWNED BY: Williamson Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Mountaineer Hotel Blck. PHONE: 1241. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 104 hours weekly. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS BUREAU.

## 

#### Coverage

	Daytime	Evening
Population-Primary	85,700	25,140
Radio Homes— "	16,800	6,250
Population—Secondary	135,150	28,300
Radio Homes— "	27,330	7,100

Source: Station estimate: 1930 U.S. Census.

# WISCONSIN

Population 3,137,587

Number of Radio Homes 687,320

Number of Families 823,929

Auto Registrations 832,780

For 1940 Census data, please turn to page 286

sus.

## WHBY

APPLETON—EST. 1925

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: WHBY, Inc., OPERATED BY: WHBY, Inc., subsidiary of St. Norbert College Business Address: Bellin Bldg., Green Bay, Wisc., and Grand Chute Island, Appleton. STUDIO Address: Grand Chute Island. PHONE: Appleton 1161. TRANSMITTER LOCATION: Grand Chute Island. TIME ON THE AIR: 8:00 a.m., to 9:30 p.m. MAINTAINS ARTISTS' BUREAU. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System, Standard Radio.

#### Personnel

Managing Director	. Rev. James A. Wagner
Sales Manager	
Commercial Manager	J. L. Gallagher
Chief Engineer	George Merkle

#### Coverage

Population—Primary	200,000
Radio Homes— "	45,000
Population—Secondary	370,000
Radio Homes—"	79,000
Source: CBS Listening Area Study	

Representative Reynolds-Fitzgerald, Inc.

# WATW

ASHLAND—EST. 1940
ARROWHEAD BROADCASTING SYSTEM
WIMS-WATW LINE

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: WJMS. Inc. OPERATED BY: Upper Michigan-Wisconsin Broadcasting Co., Inc. BUSINESS ADDRESS: Northern State Bank Bldg. PHONE: 1420. STUDIO ADDRESS: Northern State Bank Bldg. TRANSMITTER LOCATION: 1½ miles south of Ashland on Highway No. 13. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M.; Sunday, 10:00 A.M. to 6:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

Vice President-General Manager,

	Noel C.	nuaaeii
Commercial Manager	John D. Hub	bard, Jr.
Program Director	Ruth	Wright
Chief Engineer	R. L.	Iohnson

#### Coverage

	•	
	Daytime	Evening
Population—Primary	50,000	40,000
Radio Homes— "	12,500	10,000
Population—Secondary	18,000	15,000
Radio Homes— "	5,000	4,000
Source: Mail response of	analysis; U.	S. Cen-

#### Representative

Bogner & Martin

# WEAU

#### EAU CLAIRE

FREQUENCY: 1070 Kc. POWER: 5000 watts, d.: 1000 watts, n. OWNED BY: Central Broadcasting Co. OPERATED BY: Central Broadcasting Co. BUSINESS ADDRESS: 203 S. Barstow St. PHONE: 6149. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 26th and Crescent. TIME ON THE AIR: 6:00 A.M. to Los Angeles sunset. NEWSPAPER AFFILIATION: Superior Evening Telegram, Eau Claire Leader. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System, C. P. MacGregor.

#### Personnel

President	.W. C. Bridges
Manager	.John J. Stack
Chief Announcer	James J. Hulwi
Chief EngineerCho	rles B. Persons

#### Coverage

	Daytime
Population—Primary	600,000
Radio Homes "	50,000
Source: Station Survey.	

## Representative

George P. Hollingbery Co.

# KFIZ

#### FOND-DU-LAC-EST. 1922

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Reporter Printing Co. OPERATED BY: Reporter Printing Co. BUSINESS ADDRESS: 18 W. 1st St. PHONE: 356. STUDIO ADDRESS: 18 W. 1st St. TRANSMITTER LOCATION: 18 W. 1st St. TIME ON THE AR: 8:00 A.M. to 10:00 P.M.; Sunday. 6:00 A.M. to 7:00 P.M. NEWSPAPER AFFILIATIONS: Fond-du-Lac Commonwealth Reporter. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

President	A. H. Lange
Station Manager	Lucille Fairbanks
Sales	William E. O'Brien
Chief Announcer	Don Marshall
Chief Engineer	Wendell S. Meyers

#### Coverage

Population-Primary	7	259,266
Radio Homes— "		49,750

Source: Mail response analysis; Joint Commiltee.

# WTAQ

#### GREEN BAY-EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1360 Kc. POWER: 5000 watts. OWNED BY: WHBY, Inc. OPERATED BY: WHBY, Inc., subsidiary of St. Norbert College. BUSINESS ADDRESS: Bellin Bldg. PHONE: Adams 1, Adams 2. STUDIO ADDRESS: Bellin Bldg. TRANSMITTER LOCATION: W. De Pere. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight; Sunday, 8:00 A.M. to 12:00 Midnight (124 hours weekly). MAINTAINS ARTISTS' NEWS SERVICE: United Press. BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

President	.Rev. James A. Wagner
Station Manager	
Sales Manager	Bill Hines
Commercial Manager.	Val Schneider
Program Director	Al Michel
Production Manager	Johnnie Olson
Artists' Bureau Head.	D. E. Lent
Chief Announcer	Stan Stewart
Musical Director	Herman Daumler
Chief Engineer	Wallace J. Stangel

Coverage Population .....

Radio Homes ..... 108,290 Source: CBS Listening Area Study.

Representative

Reynolds-Fitzgerald. Inc.

#### JANESVILLE—EST. 1930

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Gazette Printing Co. OPERATED BY: Same. BUSINESS ADDRESS: 200 E. Milwaukee Si. PHONE: 2500. STUDIO ADDRESS: Same. TRANMITTER LOCATION: 3843 Oakhill Ave. TIME ON THE AIR: 16 hours daily. NEWSPAPER AFFILIATION: The Jamesville Daily Gazette. NEWS SERVICE: Associated Press. MAINTAINS ARTISTS' BUREAU. TRAN-SCRIPTION SERVICE: Standard Radio.

#### Personnel

President	Sidney H. Bliss
General Manager	James F. Kyler
Sales Promotion Manager, Ch	arles W. Brannen

Productio	n ManagerLyell Ludwig
Publicity	DirectorPaul Ruhle
Program	Director-Chief Engineer Hester Kyler
	Cananna

#### voverage

	Daytime	Evening
Population—Primary	61.081	61,081
Population—Secondary	280,000	280,000
Source: Department of C	ommerce.	

#### LA CROSSE—EST. 1923

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1410 Kc. POWER: 5000 watts. OWNED BY: WKBH, Inc. OPERATED BY: WKBH, Inc. BUSINESS ADDRESS: Radio Building, 409 Main St. PHONE: 450. STUDIO ADDRESS: Radio Building, 409 Main St. TRANS-MITTER LOCATION: R.F.D., La Crosse, TIME ON THE AIR: 120 hours weekly. NEWS SER-VICE: United Press. TRANSCRIPTION SER-VICE: World Broadcasting System. Standard Radio.

#### Personnel

President and Station	
Manager	.Otto M. Schlabach
Commercial Manager	Ed Cunniff
Chief Announcer	Ray Plamadore
Program Director	Bernice Callaway
Musical Director	Gene Mendez
Chief Engineer	

#### Coverage

	Dayume	Lvening
Population—Primary	259,800	209,900
Radio Homes— "	53,440	49,990
Population-Secondary	587,500	646,400
Radio Homes— "	116,630	132,470

Source: CBS Listening Area Study.

Representative Howard H. Wilson Co.

#### MADISON—EST. 1917 (as 9XM) 1922 (as WHA)

FREQUENCY: 970 Kc. POWER: 5000 watts. OWNED BY: University of Wisconsin. OPER-ATED BY: University of Wisconsin, BUSI-NESS ADDRESS: Madison. PHONE: Badger 580. STUDIO ADDRESS: Radio Hall, U. of W. Campus. TRANSMITTER LOCATION: Fish Hatchery Road. TIME ON THE AIR: 8:00 A.M. to local sunset.

#### Personnel

Director	H. B. McCarty
Program Director	.William G. Harley
Production Manager	Gerald Gartell
Script Editor	Joyce Jaeger
Public Relations Director.	H. A. Engel
Musical Director	Frederick Fuller
Chief Operator	John Stiehl
(Non-Commercia	d Station)

548,422

## WIBA

#### MADISON-EST. 1924

NRC (Red and Blue)

FREQUENCY: 1310 Kc. POWER: 5000 waits. OWNED BY: Badger Broadcasting Co. OPERATED BY: Badger Broadcasting Co. BUSINESS ADDRESS: 110 East Main St. PHONE: Fairchild 8800. STUDIO ADDRESS: 110 East Main St. TRANSMITTER LOCATION: Rt. 5, Madison. TIME ON THE AIR: 6:30 A.M. to Midnight. NEWSPAPER AFFILIATIONS: The Capital Times. Wisconsin State Journal. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: World Broadcasting System, NBC Thesaurus.

#### Personnel

President	William T. Evjue
Secretary-Treasurer	.Tom C. Bowden
Vice-President	A. M. Brayton
Business Manager	W.E.Walker
Program Manager & Publicit	У
Director	K. F. Schmitt
Musical Director	Leon Perssion
Chief Engineer	Norman Hahn

#### Coverage

	Daytime	Evening
Population—Primary	577,400	129,900
Radio Homes— "	134,280	30,250
Population—Secondary	950,000	250,000
Radio Homes—"	221,000	58,100
Source: Field intensity su	rvey; U. S	. Census.

## Representative

Reynolds-Fitzgerald, Inc.

## WOMT

MANITOWOC-EST. 1926

FREQUENCY: 1240 Kc. POWER: 250 watts. OWNED BY: Francis M. Kadow. OPERATED BY: Same. BUSINESS ADDRESS: Radio Bldg. PHONE: 167-400W. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 11110 Washington St. TIME ON THE AIR: 6:57 A.M. to 9:30 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

General Manager	.F.	М.	Kadow
Commercial Manager	. A	rihu	r Blake
Program Director	. <b>F</b> 1	red	Hessler
Chief Engineer	.W	r. F.	Dubin

#### Coverage

	Daytime	Evening
Population—Primary	125,000	125,000
Radio Homes—"	36,000	36,000
Population—Secondary	40,000	
Radio Homes—"	8,000	
Source: U. S. Census.		

## WMAM

#### MARINETTE-EST. 1939

FREQUENCY: 570 Kc. POWER: 250 watts. OWNED BY: M. & M. Broadcasting Co. OPERATED BY: M. & M. Broadcasting Co. BUSINESS ADDRESS: 400 Wells St. PHONE: 570. STUDIO ADDRESS: 400 Wells St. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Sunrise to local sunset, daily: 7:00 A.M. to local sunset, Sundays (77 hours weekly). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated Music Publishers.

#### Personnel

President
General Manager
Program-Musical DirectorP. F. Skinner
Chief Announcer
Chief Engineer

#### Coverage

Population—Primary	179,690
Radio Homes "	35,090
Source: Station estimate.	

## Representative

Reynolds-Fitzgerald, Inc.

# WIGM\*

#### MEDFORD-EST, 1941

FREQUENCY: 1500 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: George F. Meyer. OPERATED BY: George F. Meyer. BUSINESS ADDRESS: Medford. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited license.

#### Personnel

OwnerGeorge	F. Meyer
Station ManagerWaldemar C	. Porsow
Chief EngineerNathan	Williams
40	

"Station was licensed to operate under a construction permit at time of going to press and reported that operations would not be started until May, 1941.

# WEMP

#### MILWAUKEE—EST. 1935

WISCONSIN BROADCASTING SYSTEM FREQUENCY: 1340 Kc. POWER: 250 waits. OWNED BY Milwaukee Broadcasting Co. OPERATED BY: Milwaukee Broadcasting Co. BUSINESS ADDRESS: 710 N. Plankinton. PHONE: Marquette 7722. STUDIO ADDRESS: 710 N. Plankinton Ave. TRANSMITTER LOCATION: 710 N. Plankinton Ave. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight (122 hours weekly). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NAB Library.

#### Personnel

President
Station Manager
Program DirectorChas, La Force

#### WISCONSIN

Sales ManagerBen Wolff		
Chief AnnouncerFahey Flynn		
Publicity DirectorConrad Rice		
Musical Director Florence Bettry-Kelly		
Chief EngineerRaymond Host		
Coverage		

 Population—Secondary
 53,524

 Radio Homes—"
 24,540

Source: Field intensity survey: U. S. Census.

Representative

Furgason & Walker, Inc.
(Wisconsin Broadcasting System only).

## WISN

MILWAUKEE—EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1150 Kc. POWER: 5000 watts. OWNED BY: Heart Radio, Inc. OPERATED BY: Heatst Radio, Inc. BUSINESS ADDRESS: 123 W. Michigan. PHONE: Daly 3900. STUDIO ADDRESS: 123 W. Michigan. TRANSMITTER LOCATION: Public Service Bldg. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight; Sunday. 7:30 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATIONS: Milwaukee Sentinel, Sunday

News-Sentinel. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System. MAINTAINS ART-ISTS' BUREAU.

#### Personnel

Sales Promotion Manager Hugh C	Mallev
baics from than ager trage	
Program Director	Dreyfus
Chief Announcer	n Hale
Musical DirectorE	. Krebs
Chief Engineer	Weller

#### Coverage

	Daytime	Evening
Population—Primary	1,250,000	800,000
Radio Homes- "	250,000	160,000
Population—Secondary	1,500,000	1,000,000
Radio Homes "	300,000	200,000
O		

Source: Station survey.

Representative
International Radio Sales

w <del>-</del> - .

## WTMJ

MILWAUKEE—EST. 1927

NATIONAL BROADCASTING CO. FREQUENCY: 620 Kc. POWER: 5000 watts. OWNED BY: The Journal Company. OPER-ATED BY: The Milwaukee Journal. BUSINESS

# 5,000 WATS DAY AND NIGHT Awarded

# WISN

# MILWAUKEE

FIVE TIMES MORE POWER

TWENTY TIMES MORE POWER

CONTRACT NOW FOR WISN TIME AT PRESENT LOW RATES!

Represented by

INTERNATIONAL RADIO SALES

ADDRESS: 333 West State St. PHONE: Marquette 6000. STUDIO ADDRESS: 333 W. State St. TRANSMITTER LOCATION: 12 miles west of Milwaukee on Blue Mound Road. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight. NEWS-PAPER AFFILIATIONS: The Milwaukee Journal. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: Associated, NBC Thesaurus.

#### Personnel

General Manager	W. J. Damm
Station Manager	L. W. Herzog
Assi. Manager	R. G. Winnie
Commercial Manager	.Wm, F. Dittmann
Chief Announcer	Robt. Heiss
Continuity Manager	Russ W. Tolg
Musical Director	.Wm. J. Benning
Chief Technician	D. W. Gellerup

#### Coverage

	Daytime	Evening
Population—Primary	2,984,189	1,634,345
Radio Homes— "	646,330	365,250
Population—Secondary	6,480,000	5,246,000
Radio Homes— "	1,407,000	1,168,000
Source: Field intensity r	neasuremer	ıts.

#### Representative

Edward Petry & Company

# WIBU

POYNETTE—EST. 1925
WISCONSIN RADIO NETWORK
FREQUENCY: 1240 Kc. POWER: 250 watts.
OWNED BY: Wm. C. Forrest. OPERATED BY:
Same. BUSINESS ADDRESS: RFD No. 2.
PHONE: 97R5. STUDIO ADDRESS: Poynette;
Portage; Beaver Dam; Madison. TRANSMITTER LOCATION: Same. TIME ON THE AIR:
7:00 A.M. to 9:00 P.M. NEWS SERVICE: United
Press. TRANSCRIPTION SERVICE: Standard
Radio.

#### Personnel

Station Manager	.Wm. C. Forrest
Chief Announcer	.Charles Harrison
Portage Studio Manager	M. A. Hays
Beaver Dam Studio Manager	Hal Woods
Madison Studio Manager	.Ralph O'Connor
Chief Engineer	Leonard Doese

## WRJN

RACINE-EST, 1926

WISCONSIN BROADCASTING SYSTEM FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Racine Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: 441 Main St. PHONE: Jackson 290. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Mt. Plegsant. TIME ON THE AIR:

7:30 A.M. to 10:00 P.M. NEWSPAPER AF-FILIATIONS: Racine Journal-Times. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: Lang-Worth.

#### Personnel

PresidentF. R. Starbuck
Secretary-Treasurer &
General ManagerHarry R. LePoidevin
Station & Commercial
Manager
Program Director-Chief Announcer,
H. S. Mann, Jr.
Publicity DirectorKen Hegard
Chief EngineerF. Lee Dechant
Corerage

#### Coverage

	Daytime	Evening
Population—Primary	921.832	921,832
Radio Homes— "	196,356	196,356
Population—Secondary	142,523	142,523
Radio Homes— "	30,427	30,427

Source: Field intensity survey; Joint Committee: U. S. Census.

#### Representative

Furgason & Walker, Inc.

## WJMC

RICE LAKE—EST. 1939

FREQUENCY: 1240 Kc. POWER: 250 waits. OWNED BY: Walter H. McGenty. OPERATED BY: J. J. McGenty. BUSINESS ADDRESS: 410 North Main St. PHONE: 550. STUDIO ADDRESS: 410 North Main St. TRANSMITTER LOCATION: 1615 South Main St. TIME ON THE AIR: Unlimited license. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

#### Personnel

I CI SUILILEI		
General Manager	J. J. McGenty	
Station Manager	Denis McGinty	
Commercial Manager	Charles Hinz	
Public Relations Director	Dr. J. H. Wallis	
Women's News Editor	Mrs. L. Sherman	
Home Economics Consultant.	. Vera MacDowell	
Chief Announcer	Del Florida	
Musical Director	Robert Yaeger	
Agricultural Director	Ingvald Hembre	
Chief Engineer	Ray Pearson	
<b>~</b>		

#### Coverage

Population—Primary	100,000
Radio Homes "	25,800
Population—Secondary	25,000
Radio Homes— "	6,000

Source: Joint Committee.

# WHBL

#### SHEBOYGAN-EST, 1928

WISCONSIN BROADCASTING SYSTEM FREQUENCY: 1330 Kc. POWER: 1000 watts, d.: 500 watts, n. OWNED BY: Press Publishing

Co. OPERATED BY: Press Publishing Co. BUSINESS ADDRESS: 626-636 Center Ave. PHONE: 1900. STUDIO ADDRESS: 636 Center Ave. TRANSMITTER LOCATION: R R 3 Sheboygan, Wis. TIME ON THE AIR: daily, 7:00 a.m. to 10:15 p.m.: Sunday, 10:00 a.m. to 10:15 p.m. NEWSPAPER AFFILIATION: Sheboygan Press. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICES: Standard Radio, NBC Thesaurus.

#### Personnel

President
Manager
Chief Announcer
Bus. Mgr
Publicity DirectorGlen James
Program & Musical DirectorM. J. Pape
Chief Engineer

#### Coverage

Population—Primary	264,930
Radio Homes— "	64,900
Population—Secondary	588,100
Radio Homes— "	143,200
Source: Field intensity and mail	response
surveys.	

#### Representative Howard H. Wilson & Co.

## WLBL

#### STEVENS POINT—EST. 1924

FREQUENCY: 930 Kc. POWER: 5000 watts. OWNED BY: State of Wisconsin-Department of Agriculture and Markets. OPERATED BY: Department of Agriculture and Markets. BUSINESS ADDRESS: State Teachers' College. PHONE: 525. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Auburndale. TIME ON THE AIR: Daytime License.

#### Personnel

Station ManagerF. R. Calver
Program Director
Chief Engineer H. O. Brickson
(Non Commercial Station)

# WDSM

SUPERIOR—EST. 1937

FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: WDSM, Inc. OPERATED BY: WDSM, Inc. OPERATED BY: WDSM, Inc. BUSINESS ADDRESS: Board of Trade Bidg. STUDIO ADDRESS: Board of Trade Bidg. TRANSMITTER LOCATION: Connor's Point. TIME ON THE AIR: 18½ hours daily.

#### Personnel

Manager	Robert	D.	Kennedy

## WSAU

WAUSAU-EST. 1937

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Northern Broadcasting Co., Inc. OPERATED BY: Northern Broadcasting Co., Inc. BUSINESS ADDRESS: 125 Third St. PHONE: 6521. STUDIO ADDRESS: 125 Third St. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M. to 10:15 P.M. (1191/4 hours weekly). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

#### Personnel

President	.W. E. Walker
General Manager	Ben F. Hovel
Commercial Manager	J. W. Killeen
Program Director	Donald R. Burt
Musical Director	Vern Peterson
Chief Engineer	Roland Richardt

#### Coverage

	Daytime	Evening
Population—Primary	113,245	70,160
Radio Homes— "	20,660	12,580
Population—Secondary	386,400	24,300
Radio Homes "	68,720	8,090
Source: Mail response a	nalysis: Jo	int Com-
mittee.		

#### Representative

Reynolds-Fitzgerald, Inc.

## WFHR

WISCONSIN RAPIDS—EST. 1940

FREQUENCY: 1340 Kc. POWER: 250 waits. OWNED BY: William F. Huffman. OPERATED BY: William F. Huffman. BUSINESS ADDRESS: 141 West Grand Ave. PHONE: 1340. STUDIO ADDRESS: 141 West Grand Ave. TRANSMITTER LOCATION: 1500 Bonow Ave. TIME ON THE AIR: 110 hours weekly. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

#### Personnel

Owner William F. Huffman
General ManagerGeorge T. Frechette
Commercial ManagerBruce G. Beichl
Program Director-Chief Announcer, Ernie Smith
Artists' Bureau Head Donald Blanchard
Director of Women's Programs, Virginia Lee
Chief Engineer
Assistant Chief EngineerVictor Nickel

#### Coverage

	Daytime	Evening
Population—Primary	100,000	75,000
Population—Secondary	75,000	35,000
Source: Station survey.		

# WYOMING

Population 250,742

Number of Families 69,227

Number of Radio Homes 55,520

Auto Registrations 86,200

For 1940 Census data, please turn to page 287

## KDFN

#### CASPER-EST, 1930

FREQUENCY: 1470 Kc. POWER: 1000 watts. OWNED BY: D. L. Hathaway. OPERATED BY: D. L. Hathaway. BUSINESS ADDRESS: Box 930. PHONE: 407. STUDIO ADDRESS: 1st and Lennox Sts. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:30 A.M. to 10:00 P.M. NEWS SERVICE: Radio News and Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth.

#### Personnel

Station & Sales Manager	D. L. Hathaway
Commercial Manager	F. R. Hufsmith
Program Director	Marcus R. Nichols
Production Manager	Byers Fleming
Publicity Director	Harrison Brewer

#### Coverage

Population—Primary	87,428
Radio Homes— "	17.557
Population—Secondary	58,622
Radio Homes— "	11,296
Source: Station survey; Joint Commit	lee.

#### Representatives

Sears and Ayer Walter Biddick Co.

# KFBC

#### CHEYENNE—EST. 1940 NATIONAL BROADCASTING CO.

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: Frontier Broadcasting Co. OPERATED BY: Frontier Broadcasting Co. BUSINESS ADDRESS: Plains Hotel. PHONE: 4461. STUDIO ADDRESS: Plains Hotel. TRANSMITTER LOCATION: Third and Evans Sts. TIME ON THE AIR: 12712 hours weekly. NEWS-PAPER AFFILIATION: Wyoming Eagle, Wyoming Tribune. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcast-

#### Personnel

ing System.

President	.S. H. Patterson
Vice-PresidentTre	acy S. McCraken
Station Manager	William C. Grove
National Sales Manager	Larry Bloom
Local Sales Manager	
Program Director	Robert Youmans
Musical Director	Del Brandt
News Editor	Lee Karsen
Chief Engineer	John Dawson

#### Coverage

	Daytime	Evening
Population—Primary	44,252	36,549
Radio Homes- "	5,000	7,000
Radio Homes—Secondary	7,000	10,000
Source: Station survey a	nd estimate	

# KYAN

#### CHEYENNE-EST. 1940

FREQUENCY: 1400 Kc. POWER: 250 waits. OWNED BY: J. Cecil Bott, Matilda Lannen and Nettie Bott, d/b as The Western Broadcasting Co. of Wyoming. OPERATED BY: Western Broadcasting Co. BUSINESS ADDRESS: 1500 East Fifth St. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight. TRANSCRIPTION SERVICE: Associated.

#### Personnel

Station Man	ager	L.	McCracken
Commercial	Manager		L. Peach

# KPOW\*

#### POWELL-EST. 1941

FREQUENCY: 1200 Kc. POWER: 250 waits. OWNED BY: Albert Joseph Meyer. OPERATED BY: Albert Joseph Meyer. BUSINESS ADDRESS: Powell. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited license.

#### Personnel

Owner		<b>A.</b>	1. Medel
*Station was	licensed to	operate	under a
construction per	rmit at time	of going	to press
and no further	information w	ras avail	αble.

# KVRS

#### ROCK SPRINGS—EST. 1938

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Wyoming Broadcasting Co. OPERATED BY: Wyoming Broadcasting Co. BUSINESS ADDRESS: 1307 Wyoming St. PHONE: 93. STUDIO ADDRESS: 1307 Wyoming St. TRANSMITTER LOCATION: 1307 Wyoming St. TIME ON THE AIR: 99 hours weekly. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: NBC Thesaurus, C. P. MacGregor.

#### Personnel

President	. R.	R.	West
Station Manager	M	cCro	cken
Sales Manager	d '	Tan	nehill

Program Director Michael Reid
Chief Announcer Ellmer Ellsworth
Chief Engineer Willard Easterly

# K WY O

#### SHERIDAN-EST. 1934

FREQUENCY: 1400 Kc. POWER: 250 waits. OWNED BY: Bighorn Broadcasting Co. OPERATED BY: Bighorn Broadcasting Co. BUSINESS ADDRESS: P. O. Box 727. PHONE: 601. STUDIO ADDRESS: 19 N. Main. TRANSMITTER LOCATION: Park Drive and O'Marr. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. (9512 hours weekly). NEWS SERVICE: Transtadio Press. TRANSCRIPTION SERVICES: Keystone Broadcasting. Standard Radio.

#### Personnel

President	R. E. Carroll
Station Manager	Jack R. Gage
Sales Manager	Herb W. Siebert
Program Director-Chief Anno	uncer,
	James W. Carroll
Chief Engineer	.Bob Crossthwaite

#### Coverage

Population—Primary	40.995
Radio Homes— "	13,665
Population—Secondary	70,692
Radio Homes—"	18,851
Source: Station Survey.	

#### Representatives

Sears & Ayer, Inc. Homer Owen Griffith

# TERRITORIES —— —— POSSESSIONS

## Alaska

## KFQD

#### ANCHORAGE-EST. 1924

FREQUENCY: 790 Kc. POWER: 250 waits. OWNED BY: Anchorage Radio Club. Inc. OPERATED BY: Anchorage Radio Club. Inc. BUSINESS ADDRESS: KFQD Bldg. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 4111 Fourth Ave. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: C. P. MacGregor, Standard Radio.

#### Personnel

General Manager	w. J	. Wagner
Program Director	Ken	Laughlin
Chief Operator	<b>.</b> . <i></i> .	L. Tale

#### Representative

Romig C. Fuller & Associates

# KFAR

#### FAIRBANKS-EST, 1938

FREQUENCY: 610 Kc. POWER: 1000 watts. OWNED BY: Midnight Sun Broadcasting Co. OPERATED BY: Midnight Sun Broadcasting Co. BUSINESS ADDRESS: Lathrop Bldg. PHONE: East 380. STUDIO ADDRESS: Same. TRÂNSMITTER LOCATION: Farm Road. TIME ON THE AIR: 7:00 A.M. to 1:00 P.M. and 4:00 P.M. to 11:00 P.M. (13 hours daily). NEWS-PAPER AFFILIATION: Fairbanks Daily News-

Miner. NEWS SERVICE: Associated Press, Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus, C. P. MacGregor.

#### Personnel

President	A. E. Lathrop
Commercial Manager	Wilson K. Foster
Program Director	. Alvin K. Bramstedt
Production Manager	August Hiebert
Publicity Director	Lincoln W. Miller
Musical Director	Don Adler
Chief Engineer	Stanton D. Bennett

#### Coverage

	Daytime	Evening
Population—Primary	35,000	50,000
Population—Secondary	45,000	60,000
Source: Field strength me	easuremen	ts; U. S.
Census.		

## Representative

Gilbert A. Wellington

## KINY

#### IUNEAU-EST, 1935

FREQUENCY: 1460 Kc. POWER: 1000 waits. OWNED BY: Edwin A. Kraft. OPERATED BY: Same. BUSINESS ADDRESS: Box 2597. PHONE: 197. SEATTLE OFFICE ADDRESS: 708 American Bank Bldg. STUDIO ADDRESS: Triangle Fldg. TRANSMITTER LOCATION: Alaska Juneau Mine Property. TIME ON THE AIR: 7:45 A.M. to 1:30 P.M. and 4:30 P.M. to 12:00 Midnight. NEWS SERVICE: Transradio Press, International News Service. TRANSCRIPTION SERVICES: Standard Radio, MacGregor, Titan and Lang-Worth. MAINTAINS ARTISTS' BUREAU.

#### Personnel

Owner	Edwi	n.	A. Kraft
Station	Manager	В	. Arnold

#### Corerage

	Daytime	Evening
Population—Primary*	35,000	55,000
Radio Homes— "	31,500	47,000
Population—Secondary* .	7,000	12,000
Radio Homes— "	6,300	10.800
* Families		

Source: Mail response analysis.

#### Representatives

Northwest Radio Adv. Co., Inc., Seattle Joseph Hershey McGillvra

## KGBU

#### KETCHIKAN-EST, 1926

MUTUAL BROADCASTING SYSTEM DON LEE BROADCASTING SYSTEM

FREQUENCY: 930 Kc. POWER: 1000 waits. OWNED BY: Alaska Radio and Service Co. OPERATED BY: Alaska Radio and Service Co. BUSINESS ADDRESS: Radio House-KGBU Bldg. STUDIO ADDRESS: Same. TRANSMITTER LO-CATION: Same. TIME ON THE AIR: 10:00 A.M. to 12:30 A.M.; Sunday, 4:00 P.M. to 9:00 P.M. NEWS SERVICE: United Press. TRAN-SCRIPTION SERVICE: Lang-Worth, Davis & Schwegler.

Personnel

President James A. Britton	
Station Manager	ı
Musical DirectorBradley Stars	٠
Chief EngineerJ. A. Britton	

#### Coverage

	Daylime	Evening
Population—Primary	26,000	150,000
Radio Homes— "		60,000
Source: Mail response and	dysis and	estimale.

## Hawaii

HILO—EST, 1936

CBS-MBS

HAWAIIAN BROADCASTING SYSTEM FREQUENCY: 1230 Kc. POWER: 250 watts. OWNED BY: Hawaiian Broadcasting System. Ltd. OPERATED BY: Hawaiian Broadcasting System, Ltd. BUSINESS ADDRESS: P. O. Box 595. STUDIO ADDRESS: 1285 Kalaniole Ave. TRANSMITTER LOCATION: Hilo. TIME ON THE AIR: 6:30 a.m. to 10:30 p.m., daily: 8:00 a.m. to 9:30 p.m., Sundays. NEWSPAPER AF-FILIATION: Tribune Herald of Hilo. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System, C. P. MacGregor.

#### Personnel

General ManagerJ. Howard V	Worrall
Station Manager	Green
National Sales ManagerHenry C. I	Putnam

#### Coverage

Population—Primary 43,000 10,000 Population—Secondary .....

#### Representative John Blair & Co.

## HONOLULU—EST. 1930

CBS-MBS

FREQUENCY: 590 Kc. POWER: 5000 watts. OWNED BY: Hawaiian Broadcasting System, Ltd. OPERATED BY: Hawaiian Broadcasting System, Ltd. BUSINESS ADDRESS: Box 581. PHONE: 2323. STUDIO ADDRESS: Kapiolani Blvd. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 5:55 a.m. to 12:00 midnight. NEWSPAPER AFFILIATION: Honolulu Star-Bulletin. NEWS SERVICE: United Press. TRAN-SCRIPTION SERVICES: World Broadcasting System, Associated, C. P. MacGregor.

#### Personnel

#### President-General

Manager......J. Howard Wortall Station Manager...........Webley Edwards National Sales Manager.... Henry C. Pulnam Program Director-Chief Announcer Leo Rumsey Chief Engineer ..... Eugene T. Goldrup

Cocerage				
Population—Primary		423,332		
Radio Homes—"	<b></b>	81,300		
Source: Mail and	telephone	SUTVEYS: 1940		

#### U. S. Census. Representative

John Blair & Co.

#### HONOLULU—EST. 1922

NBC (RED & BLUE)

FREQUENCY: 760 Kc. POWER: 2500 watts. OWNED BY: Marion A. Mulrony and Advertiser Publishing Co., Ltd. OPERATED BY: Advertiser Publishing Co., Ltd. STUDIO AD-DRESS: Advertiser Square. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to 11:15 P.M. NEWSPAPER AFFILIA-TION: Honolulu Advertiser. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERV. ICE: NBC Thesaurus, Lang-Worth.

#### Personnel

Director of Natl. Advertising...R. S. Thurston Assistant Manager............Don O. Crozier

## Representative

The Katz Agency

## KTOH

LIHUE-EST. 1940

FREQUENCY: 1490 Kc. POWER: 250 watts. OWNED BY: Garden Island Publishing Co. OPERATED BY: Same, BUSINESS ADDRESS: Lihue. PHONE: 261-361. STUDIO ADDRESS: Lihue. TRANSMITTER LOCATION: Ahokini, Kauai. TIME ON THE AIR: 16 hours daily. NEWSPAPER AFFILIATION: The Garden Island, Kauai Filipino News. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

#### Personnel

General Manager	
Station Manager	Deane Stewart
Sales Manager	Robert Barrington
Program Director	William Parsons
Production Manager	.Clarence Ashman
Women's Editor	Lorraine Fountain
Manager, Filipino Dept	A. A. Abayalde
Manager, Japanese Dept	T. Fukushima
Chief Engineer	Robert Glenn

#### Coverage

	Daytime	Evening
Population—Primary	300,000	400,000
Radio Homes— "	50,000	70,000
Population—Secondary		400,000
Radio Homes— "		70,000
Source: Radio Commission	on of Haw	raii.

Representative

Homer Owen Griffith

## Puerto Rico

## WPRA

MAYAGUEZ-EST, 1937

FREQUENCY: 790 Kc. POWER: 2500 watts, d.; 1000 watts, n. OWNED BY: Puerto Rico Adv. Co. OPERATED BY: Same. BUSINESS ADDRESS: McKinley Cor del Rio. PHONE: 269. STUDIO ADDRESS: Same. TRANSMITTER LOCATION. Anasco Road. TIME ON THE AIR: 7:00 A.M. to 2:00 P.M. and 4:00 P.M. to 10:15 P.M. NEWS SERVICE: Transradio

#### Personnel

President Andres Camar
Station Manager-Chief Engineer Ralph P. Perr
Program DirectorP. R. Fermanin
Chief Announcer Mario Acost
Musical Director

#### Coverage

	Daytime	Evening
Population—Primary	500,000	300,000
Radio Homes— "	50,000	40,000
Source: Station survey.		

## WPAB

PONCE-EST. 1940

FREQUENCY: 1370 Kc. POWER: 1000 watts. OWNED BY: Portorican American Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Ponce. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited license.

# WPRP

PONCE-EST, 1934

FREQUENCY: 1520 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: Julio M. Conesa. OPERATED BY: Same. BUSINESS ADDRESS: 4-8-16 Trujillo St. STUDIO ADDRESS: Same. TIME ON THE AIR: 7:00 A.M. to 2:00 P.M. and 5:00 P.M. to 11:00 P.M.

#### Personnel

General Manager.....Julio M. Conesa

# WKAQ

SAN JUAN-EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 620 Kc. POWER: 5000 waits. OWNED BY: Radio Corporation of Porto Rico. OPERATED BY: Radio Corporation of Porto Rico. BUSINESS ADDRESS: P. O. Box 3746. PHONE: 2014. NEW YORK OFFICE: c/o International Telephone & Telegraph Corp., 67 Broad St., New York City. STUDIO ADDRESS: Telephone Bldg. TRANSMITTER LOCATION. Hato Rey, P. R. TIME ON THE AIR: 16 hours daily. NEWS SERVICE: Transradio Press.

#### Personnel

# WNEL

SAN JUAN-EST. 1934

FREQUENCY: 1320 Kc. POWER: 5000 watts. OWNED BY: Juan Piza. OPERATED BY: Same. BUSINESS ADDRESS: 59 Brau St. PHONE: 107. STUDIO ADDRESS: 59 Brau St.; 99 Sol St. TRANSMITTER LOCATION: 99 Sol St. TIME ON THE AIR: 6:45 A.M. to 11:15 P.M. NEWS SERVICES: Transtadio News. Radio News Assoc. MAINTAINS ARTISTS BUREAU.

#### Personnel

Owner-Operator	Juan	Piza
General ManagerGus	tavo	Diaz
Commercial ManagerAugustin	Cam	unas
Chief Engineer	N. C	Greer

#### Coverage

Radio	Home	s—Primary .				29,147
47	"	-Secondary				44,496

# RADIO STATIONS IN THE U.S.A. OWNED WHOLLY OR PARTIALLY BY NEWSPAPER INTERESTS

The following listing was compiled through the cooperation of the FCC and is up-to-date as of Jan. 1, 1941.

ALABAMA	CALIFORNIA
The Anniston Star	McClatchy Newspapers
The Birmingham Age-HeraldWSGN The Birmingham News Huntsville Times Licensee—The Birmingham News	Marysville Appeal-DemocratKHSL Licensee—Golden Empire Broadcast- ing Co., Chico, Cal.
Co., Birmingham.  Dothan EagleWAGF  Licensee—Dothan Broadcasting Co., Dothan, Ala.	Humboldt Times
Through stock ownershipWSFA  Licensee—Montgomery Broadcasting Co., Montgomery.	McClatchy Newspapers
ARIZONA	Through stock ownershipKMYC Licensee — Marysville - Yuba City
Arizona Republic, Phoenix Gazette, KYUM Arizona Weekly Gazette, through	Broadcasters. In c., Marysville. Calif.
stock ownership.  Licensee—Yuma Broadcasting Co., Yuma, Ariz.	Merced Sun Star
Prairie Farmer Publishing CoKOY  Licensee—Salt River Valley Broadcasting Co., Phoenix.  Arizona RepublicKTAR	Monterey Peninsula HeraldKDON Salinas Index-Journal Salinas Post Licensee—Monterey Peninsula
Phoenix Gazette Arizona Weekly Gazette Licensee—KTAR Broadcasting Co., Phoenix.	Broadcasting Co., Monterey. Cal. The Oakland Tribune
Arizona Republic	Redding Scarchlight
Prescott Daily Courier	McClatchy Newspapers
casting Co., Jerome. Ariz.  ARKANSAS	American Newspapers, Inc
Arkansas Gazette	Santa Barbara News
Arkansas Gazette	Santa Rosa Press-DemocratKSRO  Licensee—Ernest L. Finley, Santa Rosa, Calif.

McClatchy Newspapers	Through stock ownershipWLAK (Tribune Co.)
Visalia Times DeltaKTKC	Licensee—Lake Region Broadcast- ing Co., Lakeland, Fla,
Licensec Tulare-Kings Counties Radio Associates, Charles A.	The Miami Daily News
Whitmore, Pres., Visalia, Cal.	Panama City News-Herald
Register-PajaronianKHUB  Licensee—John P. Scripps, Watson- ville, Cal.	(The Metropolis Publishing Co.)  Licensee—Isle of Dreams Broad- casting Corp., Miami, Fla.
COLORADO	Owner holders 33 1/3% of Society WKAT Pictorial
Stockholders interested in Okla- KVOR	Licensee - A. Frank Katzentine,
homa Publishing Co.; The Ga-	Miami Beach, Fla.  Daytona Beach News & JournalWTMC
zette & Telegraph; (Daily Okla- homan, Oklahoma City Times and	(News Journal Co.)
Furmer Stockman). Oklahoma	Licensee — Ocala Broadcasting Co.,
Publishing Co., 33% stockholder.  Licensee—Outwest Broadcasting Co.,	Ocala, Fla.  Panama City News-HeraldWDLP
Colorado Springs, Colo.  The Daily OklahomanKLZ	Licensee— Panama City Broadcasting Co Panama City, Fla.
The Oklahoma City Times	Pensacola NewsWCOA
The Farmer-Stockman  Licensee — KLZ Broadcasting Co.,  Denver, Colo.	Pensacola Journal  Licensee — Pensacola Broadcasting  Co., Pensacola, Fla.
Through stock ownershipKFKA	St. Petersburg TimesWTSP
Licensee—The Mid-Western Radio Corp., Greeley, Colo.	Licensee—Pinellas Broadcasting Co., St. Petersburg, Fla.
CONNECTICUT	Highlands County PilotWTAL Scenic Highlands Sun
Hartford TimesWTHT	(Avon Park, Fla.)
	Lake Placid News
(Gannett Co., Inc.)	
(Gannett Co., Inc.)  Licensee—The Hartford Times, Inc.,  Hartford, Conn.	(Lake Placid, Fla.)  Licensee — Florida Capital Broad- casters, Inc., Tallahussee, Fla.
Licensee—The Hartford Times, Inc., Hartford, Conn. Waterbury AmericanWBRY	(Lake Placid, Fla.)  Licensee — Florida Capital Broadcasters, Inc., Tallahussee, Fla.  Tampa TimesWDAE
Licensee—The Hartford Times, Inc., Hartford, Conn.  Waterbury AmericanWBRY Waterbury Republican Licensee — American - Republican,	(Lake Placid, Fla.)  Licensee — Florida Capital Broadcasters, Inc., Tallahussee, Fla.  Tampa Times
Licensee—The Hartford Times, Inc., Hartford, Conn. Waterbury AmericanWBRY Waterbury Republican	(Lake Placid, Fla.)  Licensee — Florida Capital Broadcasters, Inc., Tallahussee, Fla.  Tampa Times
Licensee—The Hartford Times, Inc., Hartford, Conn.  Waterbury AmericanWBRY Waterbury Republican Licensee — American - Republican,	(Lake Placid, Fla.)  Licensee — Florida Capital Broadcasters, Inc., Tallahussee, Fla.  Tampa Times
Licensee—The Hartford Times, Inc., Hartford, Conn. Waterbury AmericanWBRY Waterbury Republican Licensee — American - Republican, Inc., Waterbury.	(Lake Placid, Fla.)  Licensee — Florida Capital Broadcasters, Inc., Tallahussee, Fla.  Tampa Times
Licensee—The Hartford Times, Inc., Hartford, Conn. Waterbury American	(Lake Placid, Fla.)  Licensee — Florida Capital Broadcasters, Inc., Tallahussee, Fla.  Tampa Times
Licensee—The Hartford Times, Inc., Hartford. Conn. Waterbury American	(Lake Placid, Fla.)  Licensee — Florida Capital Broad- casters, Inc., Tallahussee, Fla.  Tampa Times
Licensee—The Hartford Times, Inc., Hartford, Conn. Waterbury American	(Lake Placid, Fla.)  Licensee — Florida Capital Broad- casters, Inc., Tallahussee, Fla.  Tampa Times
Licensee—The Hartford Times, Inc., Hartford. Conn. Waterbury American	(Lake Placid, Fla.)  Licensee — Florida Capital Broadcasters, Inc., Tallahussee, Fla.  Tampa Times
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Licensee—The Hartford Times, Inc., Hartford, Conn. Waterbury American	(Lake Placid, Fla.)  Licensee — Florida Capital Broadcasters, Inc., Tallahussee, Fla.  Tampa Times
Licensee—The Hartford Times, Inc., Hartford, Conn. Waterbury American	(Lake Placid, Fla.)  Licensee — Florida Capital Broadcasters, Inc., Tallahussee, Fla.  Tampa Times
Licensee—The Hartford Times, Inc., Hartford. Conn.  Waterbury American	(Lake Placid, Fla.)  Licensee — Florida Capital Broad- casters, Inc., Tallahussee, Fla.  Tampa Times
Licensee—The Hartford Times, Inc., Hartford. Conn.  Waterbury American	(Lake Placid, Fla.)  Licensee — Florida Capital Broadcasters, Inc., Tallahussee, Fla.  Tampa Times
Licensee—The Hartford Times, Inc., Hartford, Conn.  Waterbury American	(Lake Placid, Fla.)  Licensee — Florida Capital Broad- casters, Inc., Tallahussee, Fla.  Tampa Times
Licensee—The Hartford Times, Inc., Hartford, Conn.  Waterbury American	(Lake Placid, Fla.)  Licensee — Florida Capital Broadcasters, Inc., Tallahussee, Fla.  Tampa Times

Gainesville EagleWGGA  Licensee—Harry Estes, Austin Dean  & L. H. Christian d/b as Gaines-	Through stock ownershipWFBM Licensee—WFBM, Inc., Indianapolis, Ind.
ville Broadcasters, Gainesville,	Central Newspapers, Inc. (100%)WIRE
Ga.  La Grange NewsWLAG  Licensee — La Grange Broadcasting  Co., La Grange. Ga.	Huntington Herald Express Vincennes Sun-Commercial Licensee — Indianapolis Broadcast- ing, Inc., Indianapolis, Ind.
Waycross JournalWAYX Licensee—Jack Williams, Waycross.	South Bend Tribune
ILLINOIS	The South Bend TribuneWSBT
News-GazetteWDWS  Licensee—Champaign News-Gazette, Inc., Champaign, Ill.	Licensee—The South Bend Tribune, South Bend, Ind.
Chicago Daily Drovers JournalWAAF  Licensee—Drovers Journal Publishing Co., Chicago, Ill.	Vincennes Sun CommercialWAOV  Licensee — Vincennes Newspapers, Inc., Vincennes, Ind.
Chicago Tribune & News-Syndicate, WGN Inc., publisher of the N. Y.	10WA
News. Directors interested in the Washington Herald; Rockford Morning Star and Register Re- public.	Des Moines Register & TribuneWMT Licensee — Iowa Broadcasting Co., Cedar Rapids, Iowa.
Licensee—WGN, Inc., Chicago, Ill.  Farmers Radio WeeklyWLS  Prairie Farmer	Register & Tribune
Stand-By  Licensee — Agricultural Broadcast- ing Co., Chicago, Ill.	Register & TribuneKSO  Licensee — Iowa Broadcasting Co., Des Moines, Iowa.
Danville Commercial-NewsWDAN 100% owned by Gannett Publications.  Licensee—Northwest Publishing Co., Danville, Ill.	Director interested in The Daven- port Democrat and Leader, Dav- enport, Iowa. Licensee—Central Broadcasting Co., Des Moines, Iowa.
Decatur HeraldWSOY  Decatur Review  Licensee—Commodore Broadcasting, Inc., Decatur, Ill.	Dubuque Telegraph-HeraldKDTH  Licensee—Telegraph - Herald Co.,  Dubuque, Iowa.
Galesburg Register-MailWGIL  Licensee — Galesburg Broadcasting  Co., Galesburg, Ill.	Globe-Gazette
Rockford Consolidated Newspapers, WROK Inc. Rockford Morning Star Rockford Register Republic	The Sioux City Journal
Licensee — Rockford Broadcasters, Inc., Rockford, Ill.	Principal Stockholder: Tribune Co., KTRI publisher of Sioux City Tribune
Rock Island ArgusWHBF  Licensee—Rock Island Broadcasting Co., Rock Island, III.	(50%).  Licensee—Sioux City Broadcasting  Co., Sioux City, Iowa.
Illinois State Journal	KANSAS
INDIANA	The Coffeyville Daily JournalKGGF
Elkhart Daily TruthWTRC  Licensee — The Truth Publishing  Co., Inc., Elkhart, Ind.	Coffeyville, Kans.  Licensee—Hugh J. Powell, Coffeyville, Kans.
Hammond-Lake County TimesWHIP  Licensee — Hammond - Calumet  Broadcasting Corp., Hammond, Ind.	Dodge City Daily GlobeKGNO Dodge City, Kans.  Licensee—The Dodge City Broad- casting Co., Inc., Dodge City, Kans.
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## NEWSPAPER-OWNED STATIONS

MAINE
Stockholder with 99.4% interest in the WCOU newspaper business.  Licensee—Twin City Broadcasting Co., Lewiston, Maine.
Stockholders are interested in news- WGAN paper publishing.  Licensee — Portland Broadcasting System, Portland, Me.
MARYLAND
American Newspapers, Inc
MASSACHUSETTS
Holyoke Transcript-TelegramWHYN Licensee—Hampden-Hampshire Corp.,
Holyoke, Mass.  Lawrence Daily EagleWLAW The Evening Tribune Licensee—Hildreth & Rogers Co., Lawrence, Mass.
The Evening Standard TimesWNBF The Sunday Standard Times The Morning Mercury Licensee—E. Anthony & Sons, Inc., New Bedford, Mass.
Worcester Telegram
MICHIGAN
Enquirer and News
Calumet News
Grand Rapids Press, Flint Journal, WMB: Kalamazoo Gazette, Saginaw News, Jackson Citizen Patriot, Muskegon Chronicle, Bay City Times, Ann Arbor News (Booth Newspapers, Inc.) Licensee — Michigan Broadcasting Co., Detroit, Mich.
The Detroit News
Marquette (Mich.) Mining JournalWDB Licensee — Delta Broadcasting Co., Escanaba, Mich.

The Daily Mining JournalWDMJ The Rhinelander News Rhinelander, Wisc.	Capital News
The Iron Mountain News Iron Mountain, Mich. Licensee—The Lake Superior Broad- casting Co., Marquette, Mich. Farmington (Mich.) EnterpriseWCAR	Jefferson City, Mo. Joplin Globe
Licensee—Pontiac Broadcasting Co., Pontiac.  MINNESOTA	Joplin, Mo.  Kansas City StarWDAF  Licensee—The Kansas City Star Co.,  Kansas City, Mo.
Northwestern Jeweler (Trade KATE Paper) Licensee—Albert Lea Broadcasting Corp., Albert Lea, Minn.	Stockholders: News Broadcasting KFEQ Co.; officers and directors asso- ciated with St. Joseph News-Press
Owner of one sixth interestin is president of Trades Publishing Co.	Gazette.  Licensee — KFEQ, Inc., St. Joseph  Mo.
Duluth News-TribuneWEBC Superior Telegram Northwestern Publications, Inc., publisher of Duluth News-Tribune	Poplar Bluff American RepublicKWOC Licensee—A. L. McCarthy, O. A. Ted- rick and J. H. Wolpers, Poplar Bluff.
and Evening Telegram Co., publisher of Superior (Wisc.) Telegram, both own 32% of stock each.  Licensee—Head of Lakes Broadcast-	Post-Dispatch
ing Co., Duluth, Minn.  Stockholders interested in news- WMFG paper publications. (See WEBC)	Star-Times
Licensee—Head of the Lakes Broad- casting Co., Hibbing, Minn.	Springfield News
St. Paul Dispatch-Pioncer PressWTCN Minnesota (Minneapolis) Tribune (Northwest Publications, Inc.)	Co., Springfield, Mo.  Springfield News
Licenses Minnesete Ruesdassins	Leader & Ivews
Licensee — Minnesota Broadcasting Corp., Minneapolis, Minn.	Licensee—Ozarks Broadcasting Co., Springfield, Mo.
Corp., Minneapolis, Minn.  Times-Journal	
Corp., Minneapolis, Minn.  Times-Journal	Springfield, Mo.
Corp., Minneapolis, Minn.  Times-Journal	Springfield, Mo.  MONTANA  Great Falls Tribune
Corp., Minneapolis, Minn.  Times-Journal	Springfield, Mo.  MONTANA  Great Falls Tribune
Corp., Minneapolis, Minn.  Times-Journal	Springfield, Mo.  MONTANA  Great Falls Tribune
Corp., Minneapolis, Minn.  Times-Journal	Springfield, Mo.  MONTANA  Great Falls Tribune
Corp., Minneapolis, Minn.  Times-Journal	Springfield, Mo.  MONTANA  Great Falls Tribune
Corp., Minneapolis, Minn.  Times-Journal	MONTANA  Great Falls Tribune
Corp., Minneapolis, Minn.  Times-Journal	MONTANA  Great Falls Tribune
Corp., Minneapolis, Minn.  Times-Journal	MONTANA  Great Falls Tribune

• • • NEWSPAPER-OWNED STATIONS • • •					
Stockholders interested in State Jour- nal Co., Publishers of Nebraska State Journal and the Evening	Buffalo Evening NewsWEBR Licensee WEBR, Inc., Buffalo, N. Y.				
News; and Star Publishing Co., publisher of Lincoln Daily Star.  Licensee—Central States Broadcasting Co., Omaha, Neb.  Omaha World-Herald	Elmira Star Gazette				
NEVADA	Through stock ownership				
McClatchy Newspapers	Through stock ownershipWKNY Licensee - Kingston Broadcasting Corp., Kingston, N. Y.				
NEW HAMPSHIRE	Poughkeepsic Sunday CourierWGNY				
Through stock ownershipWMUR  LicenseeThe Radio Voice of New  Hanny bire Tree Manakester N.H.	Licensee -WGNY Broadcasting Co. Newburgh, N. Y.				
Hampshire, Inc., Manchester, N.H.  NEW JERSEY	Jewish Daily ForwardWEVD  Licensee — Debs Memorial Radio				
Atlantic City PressWBAB	Fund, Inc., New York City. Officers and directors are publishers.				
Atlantic City Union  Licensee — Press Union Publishing Co., Atlantic City.	American Newspapers, IncWINS Licensee—Hearst Radio, Inc., New York, N. Y.				
NEW MEXICO	Paterson (N. J.) Morning CallWNEW				
Owner of stock in licensee corpora- tion is an officer in following:	Licensee — WODAAM Corp., New York, N. Y.				
Albuquerque Publishing Co.; Journal Publishing Co.; Scripps- Howard Newspapers (Rocky Mt. Division), Denver Publishing Co.	Niagara Falls GazetteWHLD Licensee — Niagara Falls Gazette Publishing Co., Niagara Falls.				
Licensee — Albuquerque Broadcast- ing Co., Albuquerque, New Mex. Pecos Enterprise, Pecos, TexKLAH	Through stock ownershipWSLB Licensee—St. Lawrence Broadcasting Corp., Ogdensburg.				
Licensee — Carlsbad Broadcasting Co., Carlsbad, N. M.	Olean Times HeraldWHDL Licensee—WHDL, Inc., Olean, N. Y.				
Lexington (Ky.) HeraldKICA  Licensee—Western Broadcasters, Inc., Clovis, N. M.	Through stock ownershipWKIP Licensee — Poughkeepsie Broadcast- ing Corp., Poughkeepsie.				
NEW YORK	Gannett Co., Inc				
Knickerbocker News	(Newspaper publishers) Licensee — WHEC, Inc., Rochester, N. Y.				
Knickerbocker News	Watertown Times				
Auburn Citizen-AdvertiserWMBO  Licensee—WMBO, Inc., Auburn, N. Y.  Through stack suppossin WBTA	Yonkers Herald-StatesmanWFAS (Westchester Newspapers, Inc.) Licensee—Westchester Broadcasting Corp., White Plains.				
Through stock ownership	NORTH CAROLINA				
Buffalo Evening NewsWBEN  Licensee — WBEN, Inc., Buffalo, N. Y.	Asheville Daily NewsWISE  Licensee—WISE, Inc., Asheville.				

Asheville Citizen-TimesWWNC	Through stock ownershipWING
Licensee — Asheville Citizen-Times Co., Inc., Asheville, N. C.	Licensee- WSMK, Inc., Dayton, Ohio.
The Durham Morning HeraldWDNC	Owners interested in newspaper WPAY publishing.
The Durham Sun  Licensee — Durham Radio Corp.,  Durham, N. C.	(Brush-Moore Newspapers, Inc.)  Licensee — Vee Bee Corp., Portsmouth, Ohio.
Goldsboro News-ArgusWGBR	Stockholders interested in Cleveland WKBN
Licensee Eastern Carolina Broad- casting Co., Goldsboro.	Plain Dealer.  Licensee — WKBN Broadcasting
Through stock ownership	Corp., Youngstown, Ohio.  Through stock ownership
easting Co., Hickory, N. C.	Licensee—Radio Voice of Spring-
Salisbury PostWSTP Stockholder with 39.33% interest is vice president and treasurer of a	field, Inc., Springfield, Ohio. Youngstown Vindicator & TelegramWFMJ Licensee WKBN Broadcasting Corp., Youngstown, Ohio.
newspaper.  Licensee — Piedmont Broadcasting	OKLAHOMA
Co., Salisbury, N. C.	The Ardmoreite
Winston-Salem JournalWSJS  Licensee—Piedmont Publishing Co., Winston-Salem, N. C.	Licensee—The Ardmoreite Publish- ing Co., Inc., Ardmore, Okla.
	Enid Morning NewsKCRC
NORTH DAKOTA	Enid Daily Eagle Licensee — Enid Radiophone Co.,
Fargo Forum	Enid, Okla.
	Daily Phoenix and Times DemocratKBIX Licensee—Okla. Press Publishing
OHIO	Co., Muskogee, Okla.
Ashtabula Star-Beacon	Fort Worth (Texas) Star TelegramKTOK  Licensee — Oklahoma Broadcasting
Conneaut News-Herald	Co., Inc., Oklahoma City, Okla.
Painesville Telegraph Licensee — WICA, Inc., Ashtabula,	Oklahoma City OklahomanWKY Oklahoma City Times
Ohio.	LicenseeWKY Radiophone Co., Oklahoma City, Okla.
Canton Repositary	Stauffer Publications Inc
Co., Canton, Ohio.	Newspapers in Neb., Kans., Mo., Okla., Ark. and N. M.
100% owned by Brush-Moore News- papers Inc.	Licensee-KCFF Broadcasting Co.,
Scripps-Howard NewspapersWCPO	Inc., Shawnee, Okla. Owner is a publisher
Cincinnati Post  Licensee — Scripps-Howard Radio	Licensee—Oil Capitol Sales Corp.,
Inc., Cincinnati, Ohio.	Tulsa, Okla.
COLUMN TO THE COLUMN TWO STATES AND THE STATES AND	
Cincinnati Times Star	OREGON
Cincinnati Times Star	Albany Democrat-HeraldKWIL
Licensee—Cincinnati Times Star Co Cincinnati, Ohio. The Cleveland Plain DealerWHK	
Licensee—Cincinnati Times Star Co Cincinnati, Ohio.	Albany Democrat-Herald
Licensee—Cincinnati Times Star Co Cincinnati, Ohio. The Cleveland Plain DealerWHK Licensee—United Broadcasting Co., Cleveland, Ohio. The Cleveland Plain DealerWCLE	Albany Democrat-Herald
Licensee—Cincinnati Times Star Co Cincinnati, Ohio. The Cleveland Plain DealerWHK Licensee—United Broadcasting Co., Cleveland, Ohio. The Cleveland Plain DealerWCLE Licensee—United Broadcasting Co.,	Albany Democrat-Herald
Licensee—Cincinnati Times Star Co Cincinnati, Ohio. The Cleveland Plain DealerWHK Licensee—United Broadcasting Co., Cleveland, Ohio. The Cleveland Plain DealerWCLE Licensee—United Broadcasting Co., Cleveland, Ohio. Columbus DispatchWBNS	Albany Democrat-Herald
Licensee—Cincinnati Times Star Co Cincinnati, Ohio. The Cleveland Plain DealerWHK Licensee—United Broadcasting Co., Cleveland, Ohio. The Cleveland Plain DealerWCLE Licensee—United Broadcasting Co., Cleveland, Ohio. Columbus DispatchWBNS Ohio State Journal	Albany Democrat-Herald
Licensee—Cincinnati Times Star Co Cincinnati, Ohio. The Cleveland Plain DealerWHK Licensee—United Broadcasting Co., Cleveland, Ohio. The Cleveland Plain DealerWCLE Licensee—United Broadcasting Co., Cleveland, Ohio. Columbus DispatchWBNS	Albany Democrat-Herald
Licensee—Cincinnati Times Star Co Cincinnati, Ohio. The Cleveland Plain DealerWHK Licensee—United Broadcasting Co., Cleveland, Ohio. The Cleveland Plain DealerWCLE Licensee—United Broadcasting Co., Cleveland, Ohio. Columbus Dispatch Chio State Journal Licensee—WBNS, Inc., Columbus, Ohio. The Cleveland Plain DealerWHKC	Albany Democrat-Herald
Licensee—Cincinnati Times Star Co Cincinnati, Ohio. The Cleveland Plain DealerWHK Licensee—United Broadcasting Co., Cleveland, Ohio. The Cleveland Plain DealerWCLE Licensee—United Broadcasting Co., Cleveland, Ohio. Columbus DispatchWBNS Ohio State Journal Licensee—WBNS, Inc., Columbus, Ohio. The Cleveland Plain DealerWHKC Licensee—United Broadcasting Co., Columbus, Ohio.	Albany Democrat-Herald
Licensee—Cincinnati Times Star Co Cincinnati, Ohio. The Cleveland Plain DealerWHK Licensee—United Broadcasting Co., Cleveland, Ohio. The Cleveland Plain DealerWCLE Licensee—United Broadcasting Co., Cleveland, Ohio. Columbus DispatchWBNS Ohio State Journal Licensee—WBNS, Inc., Columbus, Ohio. The Cleveland Plain DealerWHKC Licensee—United Broadcasting Co., Columbus, Ohio. Dayton Daily NewsWHIO	Albany Democrat-Herald
Licensee—Cincinnati Times Star Co Cincinnati, Ohio. The Cleveland Plain DealerWHK Licensee—United Broadcasting Co., Cleveland, Ohio. The Cleveland Plain DealerWCLE Licensee—United Broadcasting Co., Cleveland, Ohio. Columbus DispatchWBNS Ohio State Journal Licensee—WBNS, Inc., Columbus, Ohio. The Cleveland Plain DealerWHKC Licensee—United Broadcasting Co., Columbus, Ohio. Dayton Daily NewsWHIO Springfield News Springfield Sun	Albany Democrat-Herald
Licensee—Cincinnati Times Star Co Cincinnati, Ohio. The Cleveland Plain DealerWHK Licensee—United Broadcasting Co., Cleveland, Ohio. The Cleveland Plain DealerWCLE Licensee—United Broadcasting Co., Cleveland, Ohio. Columbus DispatchWBNS Ohio State Journal Licensee—WBNS, Inc., Columbus, Ohio. The Cleveland Plain DealerWHKC Licensee—United Broadcasting Co., Columbus, Ohio. Dayton Daily NewsWHIO Springfield News	Albany Democrat-Herald

# NEWSPAPER-OWNED STATIONS

Oregon Journal	Williamsport Sun
Ore. Roseburg News-Review	SOUTH CAROLINA
Klamath Falls Herald and News Medford Mail-Tribune Licensee — News-Review Co., Rose-	Independent & Daily MailWAIM  Licensee—Wilton E. Hall, Anderson, S. C.
burg, Ore. PENNSYLVANIA	Charleston News & CourierWTMA Charleston Post
Allentown CallWCBA-WSAN	Licensee—Atlantic Coast Broadcast- ing Co., Charleston, S. C.
Chronicle & News	Greenville NewsWFBC
Licensee—Lehigh Valley Broadcast- ing Co., Allentown, Pa.	Greenville Piedmont  Licensee—Greenville News-Piedmont
Stockholders interested in news WEST	Co., Greenville, S. C.
paper publications.  Licensee — Associated Broadcasters,	SOUTH DAKOTA
Inc., Easton, Pa.	
The Harrisburg TelegraphWHP	Stockholder is a newspaper pub- WNAX lisher.
Licensee—WHP, Inc., Harrisburg, Pa.	Licensee-WNAX Broadcasting Co.,
Harrisburg Telegraph NewsWKBO	Yankton, S. D.
Licensee — Keystone Broadcasting	TENNESSEE
Corp., Harrisburg, Pa. Stockholders interested in news- WAZL	Britol Herald CourierWOPI
paper publishing.	Bristol News Bulletin  Licensee—Radiophone Broadcasting
Licensee — Hazleton Broadcasting Service, Inc., Hazleton, Pa.	Station WOPI. Inc., Bristol. Tenn.
Johnstown Tribune	Va.
Licensec—WJAC, Inc., Johnstown, Pa.	Jackson Sun
Lancaster Newspapers, Inc	Inc., Jackson, Tenn.
Stockholders interested in news-	Kingsport TimesWKPT
paper publications (Mason Dixon Radio Group, Inc.)	Licensee—C. P. Edwards. Jr. & Howard Long d/b Kingsport Broadcasting
Licensee WGAL, Inc., Lancaster	Co., Kingsport, Tenn.
Pa. Through stock ownership	Scripps-Howard NewspapersWNOX Licensee — Scripps-Howard Radio
LicenseeIndependence Broadcast-	Inc., Knoxville, Tenn.
ing Co., Philadelphia, Pa.	Memphis Commercial AppealWMC  Licensee—Memphis Commercial Ap-
Pittsburgh Sun-TelegraphWCAE  Licensee—WCAE, Inc., Pittsburgh,	peal Co., Memphis, Tenn.
Pa.	Memphis Press-ScimitarWMPS
Pittsburgh Post Gazette	Licensee — Memphis Broadcasting Co., Memphis, Tenn.
Corp., Pittsburgh, Pa.	TEXAS
Scranton Times	
Licensee — The Scranton Times, Scranton, Pa.	Sweetwater ReporterKRBC Big Spring Herald
Sharon HeraldWPIC	Paris News
Licensee — Sharon Herald Publishing Co., Sharon, Pa.	Corpus Christi Caller Corpus Christi Times
Sunbury ItemWKOK	San Angelo Standard
Licensee — Sunbury Broadcasting	Licensee — Reporter Broadcasting
Corp., Sunbury Pa.	Co., Abilene, Tex.

Ashland Daily Independent (Ky)KFDA Through stock ownership. Licensee—Amarillo Broadcasting Co., Amarillo, Texas. Amarillo Globe & NewsKGNC Lubbock Avalanche Journal Licensee—Plains Radio Broadcasting Co., Amarillo, Tex. American Newspapers, IncKNOW Licensee—Frontier Broadcasting Co., Austin, Tex. Beaumont Enterprise KRIC Beaumont Journal	Santa Ana (Calif.) Daily RegisterKPDN Clovis (N. M.) News Journal Bucyrus (Ohio) Telegraph-Forum Pampa Daily News Licensee—R. C. Hoiles, Pampa, Tex. Paris News
Licensee — KRIC, Inc., Beaumont, Texas.  Big Spring Herald	Reporter, Big Spring Herald, Paris News, Corpus Christi Caller-Times Licensee—KGKL, Inc., San Angelo, Tex. San Antonio Light
Sweetwater Reporter  Licensee—Big Spring Herald Broad- casting Co., Big Spring, Tex.  Brownwood Banner	San Antonio, Tex. The Sherman DemocratKRRV Sherman, Tex. Licensee—Red River Valley Broad-
Licensee—Brown County Broadcast- ing Co Brownwood, Texas Corpus Christi Caller-TimesKRIS (W. G. Kinsolving, publisher, 40%	casting Corp., Sherman, Tex.  Sweetwater Reporter
stockholder).  Licensee—Gulf Coast Broadcasting Co., Corpus Christi, Tex.  Dallas Times HeraldKRLD	Licensee—Bell Broadcasting Co., Temple, Tex. Texarkana Gazette
Licensee—KRLD Radio Corporation, Dallas, Tex.  Dallas News	Licensee — KCMC, Inc., Texarkana.  Vernon Daily Record
Dallas Journal Farm News (semi-weekly) Texas Almanac State Industrial Guide Licensee—A. H. Belo Corp., Dallas,	The Northwestern Broadcasting Co., Vernon, Texas. American Newspapers, IncWACO Licensee—Frontier Broadcasting Co.,
Tex.  El Paso Times	Waco, Tex. Amarillo Globe-News
Fort Worth Star-Telegram	ested in Globe News Publishing Co. UTAH
Fort Worth Star-TelegramWBAP  Licensee—Carter Publications, Inc. Fort Worth, Tex.	Ogden Standard-Examiner
Houston Post	City Telegram.  Licensee—Radio Service Corp. of Utah, Salt Lake City, Utah.
Licensee—KTRH Broadcasting Co., Houston, Tex.  Kilgore Daily News	VERMONT  Burlington Daily News
Licensee—Oil Capital Broadcasting Assn., Kilgore, Tex.	VIRGINIA
Lubbock Avalanche-JournalKFYO (See KRBC and KBST) Licensee—Plains Radio Broadcast- ing Co.	Martinsville Bulletin

# NEWSPAPER-OWNED STATIONS

Newport News PressWGH	Clarksburg ExponentWPAR
Newport News Times-Herald	Clarksburg Telegram
Licensee — Hampton Roads Broad-	(See WBLK and WCHS)
casting Corp., Newport News.	Licensee—Ohio Valley Broadcasting
Ledger-DispatchWTAR	Corp., Parkersburg, W. Va.
Virginian Pilot	derp., Larkersburg, w. va.
Licensee-WTAR Radio Corp., Nor-	WISCONSIN
folk, Va.	Superior Evening TelegramWEAU
Petersburg Progress-Index	Eau Claire Telegram
Corn Potensburg Ve	Eau Claire Leader
Corp., Petersburg, Va.	Licensee—Central Broadcasting Co.,
Richmond News LeaderWRNL	Eau Claire, Wisc.
Licensee - Richmond Radio Corp.,	FDL Commonwealth ReporterKFIZ
Richmond, Va.	LicenseeReporter Printing Co.,
Times-Dispatch	Fond du Lac, Wis.
Licensee—The Times Dispatch Ra-	Janesville GazetteWCLO
dio Corp., Richmond, Va.	Licensee - Gazette Printing Co.,
Roanoke TimesWDBJ	Janesville, Wis.
World News	Madison Capital TimesWIBA
Licensee-Times World Corp., Roa-	Wisconsin State Journal
noke, Va.	Licensce-Badger Broadcasting Co.,
Through stock ownershipWSLS	Inc., Madison, Wis.
Licensee - Rounoke Broadcasting	American Newspapers, IncWISN
Corp., Roanoke, Va.	Licensee—Hearst Radio, Inc., Mil-
WASHINGTON	waukce, Wis.
	*
Longview Daily NewsKWLK	The Milwaukee JournalWTMJ
Licensee — Twin City Broadcasting	Licensee-The Journal Co. (The Mil-
Corn., Longview, Wash.	wankee Journal), Milwaukee, Wis.
Coos Bay TimesKVAN	Racine Journal TimesWRJN
(See KOOS)	Catholic Daily Tribune
Licensee - Vancouver Radio Corp.,	Licensee - Racine Broadcasting
Vancouver.	Corp., Racine, Wis.
WINCE SUBCINIA	Stock & Dairy FarmerWJMC
WEST VIRGINIA	Licensee-Walter H. McGenty, Rice
Beckley Post-Herald & Raleigh WJLS	Lake, Wisc.
Register	•
Licensee-Joe L. Smith, Jr., Beckley,	The Sheboygan PressWHBL
W. Va.	Licensee—Press Publishing Co., She-
Bluefield Daily TelegramWHIS	boygan, Wis.
Sunset-News & Times-Leader	Wisconsin Rapids TribuneWFHR
Licensee—Daily Telegraph Printing	Licensee-Wm. F. Huffman, Wiscon-
Co., Bluefield, W. Va.	sin Rapids, Wisc.
The Huntington AdvertiserWCHS	MANAGERAIC
The Herald-Dispatch	WYOMING
The Sunday Herald-Advertiser	Wyoming Eagle & Wyoming State KFBC
(See WBLK and WPAR)	Tribune & Leader
Licensee - Charleston Broadcasting	Licensee-Frontier Broadcasting Co.,
Corp., Charleston, W. Va.	Cheyenne, Wyo.
Clarksburg ExponentWBLK	•
Clarksburg Telegram	ALASKA
(See WCHS and WPAR)	Fairbanks News-MincrKFAR
Licensee-The Exponent Co., Clarks-	Licensee—Midnight Sun Broadcast-
burg, W. Va.	
Huntington Herald-DispatchWSAZ	ing Co., Fairbanks, Aluska.
Huntington Advertiser	HAWAII
Licensee-WSAZ, Inc., Huntington,	
W. Va.	Honolulu AdvertiserKGU
Logan BannerWLOG	Licensee - Marion A. Mulrony &
Licensee-Clarence H. Frey & Rob-	Advertiser Publishing Co., Ltd.,
ert O. Greever, Logan, W. Va.	Honolulu, T. H.
Through stock ownershipWAJR	Garden Island Publishing CoKTOH
Licensee—West Virginia Radio Corp.,	Licensee-Garden Island Publishing
Morgantown, W. Va.	Co., Lihue, T. H.
6	517



# NETWORK STATIONS

in

SYDNEY **HALIFAX** CHARLOTTETOWN SACKVILLE MONCTON SAINT JOHN FREDERICTON **NEW CARLISLE** RIMOUSKI CHICOUTIMI QUEBEC MONTREAL OTTAWA KINGSTON TORONTO SUDBURY NORTH BAY KIRKLAND LAKE TIMMINS FORT WILLIAM WINNIPEG BRANDON REGINA WATROUS MOOSE JAW SASKATOON PRINCE ALBERT **EDMONTON** CALGARY LETHBRIDGE **KAMLOOPS** KELOWNA TRAIL VANCOUVER

# COVER CANADA

# CORPORATIO

COMMERCIAL DEPARTMENT

55 York Street, Toronto

1231 St. Catherine St. W., Montreal



# CANADA



STATIONS

**NETWORKS** 

NEWSPAPER-OWNED
STATIONS

# CANADIAN

# **Broadcasting Corporation**

Headquarters Office

Victoria Building, Ottawa, Ontario

# **BOARD OF GOVERNORS**

Rene Morin, K.C., Chairman N. L. Nathanson, Vice-Chairman Cannon W. Eastland Fuller J. Wilfred Godfrey, K.C.

# Personnel

General Manager..... W. E. Gladstone Murray (Ottawa) Assistant General Manager...Dr. Augustin Frigon (Montreal) Chief Executive Assistant..... Donald Manson (Ottawa) Treasurer ...... ..... Baldwin (Ottawa) (Ottawa) General Supervisor of Programs....E. L. Bushnell (Toronto) Commercial Manager and Supervisor of Press and Information.......E. A. Weir (Toronto) Assistant Commercial Manager....W. E. Powell (Toronto) Commercial Manager. .....J. A. Dupont Quebec Division... (Montreal) ......G. W. Olive Chief Engineer... (Montreal) Supervisor of Station .....J. R. Radford Relations..... (Toronto) Traffic Manager......E. W. Jackson

# (Toronto) OFFICES

Victory Building, Ottawa, Ontario Keefer Building, Montreal, Quebec 55 York Street, Toronto, Ontario 1231 S. Catherine St., West, Montreal, Quebec

# Regional Networks

# Maritime

CJCB, Sydney, Nova Scotia CHNS, Halifax, Nova Scotia CFCY, Charlottetown, Prince Edward Island Professor Adrien Poulint Mrs. Nellie McClung Reverend J. S. Thomson, M.A., D.D. Brigadier-General Victor Odlum

CBA, Sackville, New Brunswick CKCW, Moncton, New Brunswick CHSJ, Saint John, New Brunswick CFNB, Fredericton, New Brunswick

# Quebec

CBM, Montreal, Quebec (English)
CBF, Montreal, Quebec (French)
CBV, Quebec City. Quebec
CBJ, Chicoutimi, Quebec
CJBR, Rimouski, Quebec
CHNC, New Carlisle, Quebec

### Ontario

CBO. Ottawa, Ontario
CFRC, Kingston, Ontario
CBL. Toronto, Ontario
CKSO, Sudbury, Ontario
CFCH, North Bay, Ontario
CJKL, Kirkland Lake, Ontario
CKGB, Timmins, Ontario
CKGR, Fort William, Ontario

### Prairie

CKY, Winnipeg, Manitoba CKX, Brandon, Manitoba CKCK, Regina, Saskatchewan CBK, Watrous, Saskatchewan CHAB, Moose Jaw, Saskatchewan CFQC, Saskatoon, Saskatchewan CKBI, Prince Albert, Saskatchewan CJCA, Edmonton, Alberta CFAC, Calgary, Alberta CJOC, Letbridge, Alberta

# British Columbia

CFJC, Kamloops, British Columbia CKOV, Kelowna, British Columbia CJAT, Trail, British Columbia CBR, Vancouver, British Columbia

# STATIONS OF

# CANADA

The following list of stations is arranged in call letter alphabetical order giving page number for complete station data.

Every effort has been made to present accurate and complete information in a self-explanatory method. Data was obtained from questionnaires sent to the stations early in December and corrections were made up to the time of going to press to insure the inclusion of late developments.

Canadian network facilities covered in full on page 620.



Call Letter	City	Frequency in Kilocycles	Power in Watts	See Page
CBA	. Sackville, N. B.	1070	50000	630
CBF	. Montreal, Que	690	50000	640
CBJ	. Chicoutimi, Que	1240	100	640
CBK	. Watrous, Sask,	540	50000	644
CBL	. Toronto, Ont.	740	50000	636
CBM	. Montreal, Que	940	5000	640
CBO	. Ottawa, Ont	910	1000	634
CBR	. Vancouver, B. C.		5000	627
CBV	. Quebec, Que	980	1000	641
CBY	. Toronto, Ont	1010	1000	636
CFAC	. Calgary, Alta	960	1000	623
CFAR	. Flin Flon, Man	1400	100	628
CFCF	. Montreal, Que	600	500	640
CFCH	. North Bay, Ont	1230	100	634
CFCN	. Calgary, Alta	1010	10000	624
CFCO	. Chatham, Ont.	630	100	632
CFCT	. Victoria, B. C	1480	500	628
CFCY	. Charlottetown, P. E. I.	630	1000	639
CFGP	. Grand Prairie, Alta	1340	250	625
CFJC	. Kamloops, B. C	910	1000	626
CFLC	. Prescott, Ont.	1450	100	635
CFNB	. Fredericton, N. B	550	1000	629
CFOS	. Owen Sound, Ont	1400	100	634
CFPL	. London, Ont	1570	1000	634
CFPR	. Prince Rupert, B. C	1240	50	626
CFQC	. Saskatoon, Sask		1000	644
CFRB	. Toronto, Ont	860	10000	637
CFRC	. Kingston, Ont		100	633
CFRN	. Edmonton, Altg.		1000	624

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Call Letter	City	Frequency in Kilocycles	Power in Watts	Sce Page
CHAB	Moose Jaw, Sask	1220	1000	643
CHCK	Charlottetown, P. E. L.		50	639
CHGB	St. Anne de la Pocatiere, Que.		100	643
CHGS	Summerside, P. E. I		50	639
CHLN	Three Rivers, Que		100	643
CHLP	Montreal, Que.		100	641
CHLT	Sherbrooke, Que.	1240	100	643
CHML	Hamilton, Ont.	900	1000	632
CHNC	New Carlisle, Que	610	1000	641
CHNS	Halifax, N. S	960	1000	631
CHRC	Quebec, Que,	1400	100	642
CHSJ	Saint John, N. B.	1150	1000	630
CHWK	Chilliwack, B. C.	1340	100	625
CJAT , , ,	Trail, B. C.	610	1000	627
CJBR	Rimouski, Que	900	1000	642
CJCA	Edmonton, Alta.		1000	624
CJCB-CJCX .	Sydney, N. S		1000	631
CJCJ	Calgary, Alta.		100	624
CJCS	Stratford, Ont.		50	635
CIGX	Yorkton, Sask.		1000	645
CIIC	Sault Ste. Marie, Ont.		100	635
CJKL	Kirkland Lake, Ont		1000	633
CJLS	Yarmouth, N. S.	.1340	100	631
CJOC	Lethbridge, Alta.		100	625
CJOR	Vancouver, B. C.		1 <b>000</b> 1 <b>000</b>	627
CJRC	Winnipeg, Man.		1000	629 644
CJRM CKAC	Regina, Sask		5000	641
CKBI	Prince Albert, Sask		1000	644
CKCA	Kenora, Ont.	1450	250 d., 100 n.	633
CKCH	Hull, Que.		100	640
CKCK	Regina, Sask,		1000	644
CKCL	Toronto, Ont.	580	1000	638
CKCO	Ottawa, Ont.		100	634
CKCR	Kitchener, Ont. (Waterloo)		100	633
CKCV	Quebec, Que.		100	642
CKCW	Moncton, N. B.		100	630
CKGB	Timmins, Ont.		1000	636
CKLN	Nelson, B. C.		100	626
CKLW	Windsor, Ont.		5000	638
CKMC				
	Cobalt, Ont.		50	632
CKMO	Vancouver, B. C.		100	627
CKNB	Campbellton, N. B	. 1240	100	629
CKNX	Wingham, Ont,	1230	100	639
скос	Hamilton, Ont.	1150	1000 d., 500 n.	633
CKOV	Kelowna, B. C	630	1000	626
CKPC	Brantford, Ont.	1380	100	632
CKPR	Fort William-Port Arthur, Ont.	580	1000	632
CKRN	Rouyn. Que.			
			100	642
	Sudbury, Ont.		1000	636
CKTB	St. Catherines, Ont.		100	635
CKUA	Edmonton, Alta.		500	625
CKVD	Val D'Or, Que	1230	100	643
CKWX	Vancouver, B. C	980	1000	628
CKX	Brandon, Man.		1000	628
CKY	Winnipeg, Man,		15000	629
			1000	043

# -ALBERTA

Population 789,000

Number of Families 160,000

Number of Radio Licenses 93,900

Auto Registrations 106,586

# CFAC

CALGARY-EST. 1922

CBC & FOOTHILLS NETWORK

FREQUENCY: 960 Kc. POWER: 1000 watts. OWNED BY: South Western Publishers, Ltd. OPERATED BY: Taylor Pearson & Carson. BUSINESS ADDRESS: 1006 Southam Bldg. PHONE: Renfrew 1036-7. STUDIO ADDRESS: 1006 Southam Bldg. TRANSMITTER LOCATION: 6 miles east of Calgary. TIME ON THE AIR: 7:00 A M. to 12:00 Midnight. NEWSPAPER AFFILIATION: Calgary Daily Herald. NEWS SERVICE: Canadian Press. TRANSCRIPTION SERVICE: NBC Thesaurus, World Broadcasting System. MAINTAINS ARTISTS' BUREAU.

### Personnel

President						 .H.	R.	Carson
Station Manager.					,	 . V.	F.	Nielsen

Commercial Manager
Sales Promotion ManagerJ. N. Hunt
Program Director-Artists' Bureau Head,
R. H. C. Straker
Chief Announcer
Traffic ManagerR. Meadows
Musical Director
Chief Engineer

# Coverage

	Daytime	Evening
Population—Primary	250,000	350,000
Radio Homes— "	60,000	75,000
Population—Secondary	100,000	150,000
Radio Homes— "	25,000	35,000
Source: Station survey.		

# Representatives

All Canada Radio Facilities Weed & Co.



 $\sqrt{O}RTH$  of the 49  $t\!h$  parallel

IT'S THE "ALL-CANADA" STATIONS
WHICH DOMINATE THE BUSY CANADIAN MARKET

TWENTY-EIGHT of the leading Canadian radio stations form the "All-Canadia" group. Spotting your programme over these stations assures dominant coverage of Canada's wealthy markets from coast to coast and in Newfoundland. There are audience figures to prove it.

During the last four years, improve-

During the last four years, improvements in Canadian station power and equipment have increased their physical coverage from 48% in 1936 to 80% in 1940. Only a small part of this territory is reached by U.S. stations.

Don't overlook this Canadian mar-

Don't overlook this Canadian market. War conditions are increasing Canadian payrolls and sales potential. The All-Canada stations are ready to help with programme service and merchandising cooperation. Check us for available times and market information.



MONTREAL \* TORONTO \* WINNIPEG \* CALGARY \* VANCOUVER

U.S.A. Representatives: WEED AND COMPANY

# CFCN

# CALGARY-EST, 1922

FREQUENCY: 1010 Kc. POWER: 10,000 Watts. OWNED BY: The Voice of the Prairies, Ltd. OPERATED BY: Same. BUSINESS AD-DRESS: Toronto Gen. Trusts Bldg. PHONE: M 1161. STUDIO ADDRESS: Same, TRANSMIT-TER LOCATION: Strathmore. TIME ON THE AIR: Daily, 6:30 A.M. to 12:00 midnight; Sunday, 9:30 A.M. to 11:00 P.M. NEWS SERVICES: Transradio Press, Radio News Assn. British United Press. TRANSCRIPTION SERVICES: Standard Radio, Lang-Worth, Davis & Schweg-

# Personnel

President and Managing DirectorH. G. Love
Commercial ManagerE. H. McGuire
Program DirectorEd Maloney
News Editor
Sports EditorDoug Smith
Chief Engineer

# Coverage

Population—Primary	917,200
Radio Homes— "	131,800
Source: Mail response analysis.	

# Representative

Joseph Hershey McGillvra (U. S. and Montreal) Jack Slatter (Toronto) Inland Broadcasting Co. (Winnipeg)

# C I C I

# CALGARY-EST, 1922

FREQUENCY: 1230 Kc. POWER: 100 watts. OWNED BY: Albertan Publishing Co., Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Renfrew Bldg. PHONE: R 2001 - M-9966. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Grandview Heights. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M.; Sunday, 9:00 A.M. to 11:00 P.M. NEWSPAPER AF-FILIATION: Albertan Publishing Co., Ltd. NEWS SERVICE: Canadian Press. TRANSCRIPTION SERVICES: Lang-Worth, Tilan Productions.

### Personnel

President	ell
Station Manager	кe
Commercial Manager V. A. Thomps	on
Chief EngineerT. E. Snelgro	ve

# CFRN

EDMONTON—EST. 1934 CBC

FREQUENCY: 1260 Kc. POWER: 1000 watts (C.P. 1000 watts). OWNED BY: Sunwapta Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 109 C. P. R. Bldg. PHONE:

22101-5. STUDIO ADDRESS: Same, TRANS-MITTER LOCATION: Jasper Highway, Edmonton West, TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight, daily; 9:00 A.M. to 11:30 P.M., Sundays. NEWS SERVICES: Canadian Press, British United Press. TRANSCRIPTION SER-VICE: Lang-Worth, Davis & Schwegler, Standard Radio. MAINTAINS ARTISTS' BUREAU.

# Personnel

Presidest
Station Manager
Commercial ManagerD. Atkinson
Program DirectorS. S. Lancaster
Production Manager
Chief Announcer
News Editor
Musical Director
Chief EngineerF. Makepeace

### Coverage

Population—Primary	350,000
Radio Homes— "	58,000
Source: Station survey.	

# Representatives

Joseph Hershey McGillvra (U. S. A.) Jack Slatter (Toronto and Montreal) Inland Broadcasting Service (Winnipeg)

# CJCA

### EDMONTON—EST. 1922

CBC—FOOTHILLS NETWORK FREQUENCY: 930 Kc. POWER: 1000 watts. OWNED BY: North Western Publishers, Ltd. "Edmonton Journal." OPERATED BY: Taylor & Pearson Broadcasting Co. Ltd. BUSINESS ADDRESS: Birk's Bldg., Jasper Ave. PHONE: 26131. STUDIO ADDRESS: Birk's TRANSMITTER LOCATION: Belmont. TIME ON THE AIR: 1231/2 hours weekly. NEWS-PAPER AFFILIATION: Edmonton Journal. NEWS SERVICE: Canadian Press. TRANSCRIP-TION SERVICE: NBC Thesaurus, World Broadcasting System.

### Personnel

Station ManagerGordon S.	Henry
Assistant ManagerNorman Be	otterill
Sales Manager	Blake
Sales Promotion ManagerWalter	Dαles
Program Director-Chief Announcer,	

Reo Thompson Traffic Manager......Esther Nairn Technical Director.......Hastings McMahon

# Coverage

Population—Primary ..... 452,463 Radio Homes— " 76,276 Source: Population estimate.

# Representatives

All Canada Radio Facilities Ltd. Weed & Co.

# CKUA\*

# EDMONTON—EST. 1927

CBC—ALBERTA EDUCATIONAL NETWORK FREQUENCY: 580 Kc. POWER: 500 watts. OWNED BY: University of Alberta. OPERATED BY: University of Alberta. BUSINESS ADDRESS: University of Alberta. PHONE: 3-2233. STUDIO ADDRESS: Extension Department. TRANSMITTER LOCATION: University Campus. TIME ON THE AIR: 12:15 to 3:00 P.M. and 5:30 to 8:00 P.M. except Saturday and Sunday.

### Personnel

President of the University....W. A. R. Kerr Station Manager......Donald Cameron Studio Supervisor-Chief Announcer,

Richard MacDonald
Secretary......Alice Mary Carpenter
Chief Engineer.....John Wardlaw Porteous

"Station is installing a new 1000-watt transmitter and will be operated as a commercial station after installation.

# CFGP

# GRANDE PRAIRIE—EST. 1937 FOOTHILLS NETWORK

FREQUENCY: 1340 Kc. POWER: 250 watts. OWNED AND OPERATED BY: Northern Broadcasting Corp., Ltd. BUSINESS ADDRESS: Grande Prairie. PHONE: 153. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Grande Prairie. TIME ON THE AIR: 6:45 A.M. to 8:30 P.M.; Sunday, 8:45 A.M. to 6:00 P.M., NEWS SERVICE: Transradio Press. TRANSCRIPTON SERVICE: Standard Radio.

# Personnel

President-General Manager.....C. L. Berry Program-Musical Director......Jack Soars Production Manager-Chief Announcer,

Gordon Cummings

# Coverage

### Representative

All Canada Radio Facilities, Ltd. Weed & Co.

# c 1 o c

# LETHBRIDGE—EST. 1926

FOOTHILLS NETWORK

CANADIAN BROADCASTING CORP.

FREQUENCY: 1400 Kc. POWER: 100 waits. OWNED BY: Leihbridge Broadcasting Co. OPERATED BY: H. R. Carson, Ltd. BUSINESS ADDRESS: Marquis Hotel, Fourth Ave., South. PHONE: 3871-2. STUDIO ADDRESS: Marquis Hotel. TRANSMITTER LOCATION: Marquis Hotel. TIME ON THE AIR: 6:30 A.M. to 12:00 midnight, daily; 8:00 A.M. to 12:00 midnight, Sundays. NEWS SERVICE: British United Press, local news. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

President
Station Manager
Commercial Manager
Program Director
Traffic ManagerA. Lewis
Chief Engineer
~

Coverage

Daytime Evening
Population—Primary ... 32,500° 32,500°
Radio Homes— ... 20,000 20,000

Families.
Source: Station survey.

# Representatives

All Canada Radio Facilities, Ltd.
Weed & Company

# BRITISH COLUMBIA:

Population 774,000

Number of Families 164,680

Number of Radio Licenses 92,100

Auto Registrations 117,351

# CHWK

CHILLIWACK-EST. 1927

CBC & BC NETWORK

FREQUENCY: 1340 Kc. POWER: 100 watts.
OWNED BY: Chilliwack Broadcasting Co.,
Ltd. OPERATED BY: Same. BUSINESS ADDRESS: 16 Wellington Ave. PHONE: 6106.

STUDIO ADDRESS: Same. TRANSMITTER LO-CATION: Same. TIME ON THE AIR: 115 hours weekly. NEWS SERVICE: Canadian Press.

### Personnel

President and Station Manager.C. Casey Wells
Assistant Manager
Musical DirectorJack Bartindale
Chief Engineer

# BRITISH COLUMBIA

### Coverage Population—Primary ..... Population—Secondary .....

Source: Station survey.

23,064 36,930

# Representatives

All Canada Radio Facilities Weed & Co.

# KAMLOOPS-EST. 1926

CANADIAN BROADCASTING CORP.

FREQUENCY: 910 Kc. POWER: 1000 watts. OWNED BY: Kamloops Sentinel Ltd. OPER-ATED BY: Kamloops Sentinel, Ltd. BUSINESS ADDRESS: 209 Victoria St. PHONE: 1018 and 1000. STUDIO ADDRESS: 322 Victoria St. TRANSMITTER LOCATION: North Kamloops. TIME ON THE AIR: 7:00 A.M. to 11:30 P.M.; Sunday, 8:00 A.M. to 11:30 P.M. NEWSPAPER AFFILIATIONS: Kamloops Sentinel, Ltd. NEWS SERVICE: Canadian Press. TRANSCRIPTION SERVICES: Transco and Hollywood Radio Attractions.

# Personnel

Station and Commercial Manager A. D. R. Homersham Sales and Promotion Manager. William McLeod Program-Publicity Director.....L. Irvine Production Manager ..... F. Richards 

# Chief Engineer ..... Arthur G. Miller Coverage

Population—Primary ..... 97,000 Source: Field strength measurements and

mail response analysis.

### Representative

All-Canada Radio Facilities Weed & Company

# CKOV

# KELOWNA-EST, 1931

CANADIAN BROADCASTING CORP. FREQUENCY: 630 Kc. POWER: 1000 watts. OWNED BY: Okanagan Broadcasters, Ltd. OPERATED BY. Okanagan Broadcasters, Ltd. BUSINESS ADDRESS: Box 1515. STUDIO AD-DRESS: 206 Mill Ave. TRANSMITTER LOCA-TION: Okanagan Mission Rd. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight; Sunday, 8:00 A.M. to 11:00 P.M. NEWS SERVICE: Canadian Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

Managing	Director	J. W. B	. Browne
Sales Man	ager	C. G.	Elphicke
Program-Pu	ablicity Director	Mary	E. Royle
Deadwation	Managas	Z G	Haanar

Chief Announcer......F. R. Halhed 

# Coverage

Daytime Evening Population-Primary and Secondary 80,000 90.000 Radio Homes-Primary and Secondary 17.000 20,000 Source: Station estimate.

# Representatives

All Canada Radio Facilities, Ltd. Weed & Company

# NELSON-EST. 1939

FREQUENCY: 1450 Kc. POWER: 100 watts. OWNED BY: News Publishing Co., Ltd. OPER-ATED BY: The Nelson Daily News. BUSINESS ADDRESS: P. O. Box 250, PHONE: 19, STUDIO ADDRESS: 711 Radio Ave. TRANSMITTER LOCATION: 711 Radio Ave. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATION: Nelson Daily News. TRAN-SCRIPTION SERVICE: Standard Radio.

### Personnel

Program Manager......George B. Lunn Director of Women's Program. Josephine G. M. Brown 

# Coverage

18,500 Population—Primary ..... Radio Homes--- " 6,970 Population—Secondary ..... 12,500 Radio Homes— " ....... 12,250 Families.

Source: Dominion Reports: Nelson Daily News.

# CFPR

# PRINCE RUPERT

FREQUENCY: 1240 Kc. POWER: 50 watts. OWNED BY: F. E. Batt. OPERATED BY: Northwest Broadcast & Service Co. BUSINESS AD-DRESS: P. O. Box 848. STUDIO ADDRESS: 336 Second Ave. PHONE: 863. TRANSMITTER LO-CATION: Prince Rupert. TRANSCRIPTION SERVICE: C. P. MacGregor.

# Personnel

Owner.....F. E. Batt Advertising Manager......S. J. Anderson Coverage

Population—Primary ..... 14,500\* 'Additional 3,000 from April to October.

Representative

Source: Station survey.

All Canada Radio Facilities, Ltd.

# CJAT

# TRAIL—EST. 1934

FREQUENCY: 610 Kc. POWER: 1000 watts. OWNED BY: Koolenay Broadcasting Co., Ltd. OPERATED BY: Same. BUSINESS ADDRESS: 815 Victoria St. PHONE: 737. STUDIO ADDRESS: 815 Victoria St. TRANSMITTER LOCATION: Warfield. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight (119 hours weekly). NEWS SERVICE: Canadian Press. TRANSCRIPTION SERVICE: NBC Thesqurus.

### Personnel

PresidentB. A. Stimmel
Manager
Commercial Manager
Program Director
Chief Announcer
Chief EngineerE. C. Aylen

# Coverage

Population—Primary	202,800
Radio Homes— "	27,800
Source: Station survey	

# Representatives

Weed & Company
All-Canada Radio Facilities

# CBR

# VANCOUVER—EST. 1925 CANADIAN BROADCASTING CORP. BRITISH COLUMBIA REGIONAL NETWORK

FREQUENCY: 1130 Kc. POWER: 5000 watts. OPERATED BY: Canadian Broadcasting Corp. BUSINESS ADDRESS: Ottawa. Ont. STUDIO ADDRESS: Vancouver Hotel. PHONE: Marine 6121. TRANSMITTER LOCATION: Lulu Island. TIME ON THE AIR: 7:25 A.M. to 12:00 Midnight. NEWS SERVICE: CBC News Bureau.

### Personnel

Station ManagerIra Dilworth
Program Director
Production ManagerErnest Morgan
Publicity Directory-Chief Announcer,

	W. J. Herbert
Director of Special Events	Jack Peach
Traffic Manager	.Edward Pegg
Chief Engineer	N. R. Olding

# Coverage

	Daytime	Evening
Population—Primary	662,182	711,181
Radio Homes— "	122,019	124,891
Population—Secondary	23,141	33,266
Radio Homes— "	4,128	3,932
Source: Station survey		

# Representative

Canadian Broadcasting Corp.

# CJOR

# VANCOUVER-EST. 1926

FREQUENCY: 600 Kc. POWER: 1000 watts. OWNED BY: CJOR, Ltd. OPERATED BY: CJOR, Ltd. BUSINESS ADDRESS: 846 Howe St. PHONE: Marine 6464. STUDIO ADDRESS: Hotel Grovesnor. TRANSMITTER LOCATION: Richmond, B. C. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight: Sunday, 8:00 A.M. to 9:30 P.M. NEWS SERVICES: Transradio Press, British United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

Station Manager
Assistant Manager
Commercial Manager
Publicity DirectorD. R. Balrd
Program-Musical Director Wallie Peters
Chief Announcer
Women's EditorGladys Hodge
AccountantL. Watkis
Chief Engineer

# Coverage

Population—Primary	551,000
Radio Homes— "	140,000
Source: Mail response analysis.	

# Representative

Joseph Hershey McGillvra

# CKMO

# VANCOUVER-EST. 1922

### CANADIAN BROADCASTING CORP.

FREQUENCY: 1410 Kc. POWER: 100 watts. OWNED BY: Sprott-Shaw Radio Co. OPERATED BY: British Columbia Broadcasting System, Ltd. BUSINESS ADDRESS: 812 Robson St. PHONE: Marine 1271. STUDIO ADDRESS: 812 Robson St. TRANSMITTER LOCATION: Sun Bldg. TIME ON THE AIR: 123½ hours weekly. NEWS SERVICE: Canadian Press; News-Herald. TRANSCRIPTION SERVICE: C. P. MacGregor.

# Personnel

President
Vice-President
Station ManagerR. H. Wright
Commercial ManagerJ. Short
Chief AnnouncerP. Baldwin
Chief Engineer E. Rose

### Coverage

Population—Primary	594,000
Radio Homes— "	145,248
Source: Station survey.	

# Representative

Radio Centre, Ltd.

# CKWX-CKFX

VANCOUVER—EST. 1923

CBC (Secondary)

FREQUENCY: 980 Kc. POWER: 1000 watts.
OWNED BY: Western Broadcasting Co., Ltd.
OPERATED BY: Same. BUSINESS ADDRESS:
Hotel Georgia. PHONE: Marine 3344. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Lulu Island, B. C. TIME ON THE
AIR: 6:30 A.M. to 12:00 Midnight. NEWS SERVICE: Local news from Vancouver Sun.
TRANSCRIPTION SERVICE: World Broadcasting System.

### Personnel

General Manager
Commercial ManagerReg. M. Dagg
Program-Musical DirectorFred C. Bass
Publicity DirectorCharles Morris
Chief Announcer
Continuity Editor
Chief EngineerE. Ross MacIntyre

# Coverage

Representatives

Weed & Company (U.S.)
All-Canada Radio Facilities, Ltd.

# CFCT

VICTORIA-EST. 1923

FREQUENCY: 1480 Kc. POWER: 500 watts.
OWNED BY: G. W. Deaville. OPERATED BY:
Victoria Broadcasting Assn. BUSINESS ADDRESS: 620 View St. PHONE: G-2014. STUDIO
ADDRESS: Same. TRANSMITTER LOCATION:
Portage Inlet. TIME ON THE AIR: 50 hours
weekly. NEWS SERVICE: Transradio Press.

# Personnel

General and Commercial MgrG. W. Deaville
Sales Manager
Program DirectorL. Matheson
Chief Engineer

# Representative

Associated Broadcasting Co.

# :MANITOBA:

Population 727,000

Number of Families 154,680

Number of Radio Licenses 86,500

**Auto Registrations 87,505** 

# CKX

BRANDON-EST. 1928

CBC

FREQUENCY: 1150 Kc. POWER: 1000 watts. DWNED BY: Manitoba Telephone System, OPERATED BY: Same. BUSINESS ADDRESS: City Hall Sq., 8th & Princess Ave. PHONE: 4532. STUDIO ADDRESS: Same. TRANSMITTER 1.00 CATION: Brandon. TIME ON THE AIR: 7.30 A.M. to 11:30 P.M.; Sunday, 10:00 A.M. to 11:30 P.M. NEWS SERVICE: Canadian Press.

### Personnel

Representatives

H. N. Stovin (Canada)
Joseph Hershey McGillvra (U. S. A.)

C F A R

FLIN FLON—EST. 1937
FREQUENCY: 1400 Kc. POWER: 100 worts.

OWNED BY: Arctic Radio Corp. OPERATED BY: Duke McLeod. BUSINESS ADDRESS: 120 Main St. PHONE: 290. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 110 hours weekly. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System.

### Personnel

General Manager.......Duke McLeod
Program Director-Chief Announcer,
Edward Farey
Chief Engineer.....Raymond Tate

# Coverage

# Representatives

H. N. Stovin Weed & Company

# CJRC

# WINNIPEG

**CBC-Supplementary** 

FREQUENCY: 630 Kc. POWER: 1000 Watts. OWNED BY: Transcanada Communications, Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Royal Alexandra Hotel. PHONE: 92-266. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Middlechurch. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight (117 hours weekly). NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System.

# **Personnel**Station Manager......F. H. Elphicke

Commercial Manager	P. H. Gayner
Sales Promotion Manager	Hugh Newton
Publicity-Merchandising Direct	ctor,
	N. R. Chamberlin
Program Director	E. H. Houston
News Editor	Ev Dutton
Musical Director	W. Wilson
Chief Engineer	Bert Hooper

### Coverage

Population—Primary	612,000
Radio Homes "	101,000
Source: Station survey.	

# Representatives

All Canada Radio Facilities, Ltd.
Weed & Company

# CKY

# WINNIPEG—EST. 1922

CANADIAN BROADCASTING CORP.

FREQUENCY: 990 Kc. POWER: 15000 watts. OWNED BY: Manitoba Telephone System. OPERATED BY: Manitoba Telephone System. BUSINESS ADDRESS: Winnipeg. PHONE: 92191. STUDIO ADDRESS: Portage Ave., East. TRANSMITTER LOCATION: St. Francis Xavier. TIME ON THE AIR: 7:30 A.M. to 12:15 A.M. NEWS SERVICE: British United Press, Canadian Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

# Personnel

Commissioner of TelephonesJ. E. Lowry		
Station ManagerWilliam Backhouse		
Commercial Manager		
Program DirectorR. H. Roberts		
Public Relations DirectorD. R. P. Coats		
Chief Announcer		
Musical DirectorP. H. Richardson		
Chief Engineer		
Coverage		
Deputation Drimour 562 900		

 Population—Primary
 563,800

 Radio Homes—"
 107,800

 Population—Secondary
 145,500

 Radio Homes—"
 25,600

Source: Station survey.

# Representatives

H. N. Stovin (Canada) Joseph Hershey McGillvra (U. S. A.)

# NEW BRUNSWICK:

Population 451,000

Number of Families 95,957

Number of Radio Licenses 53,700

Auto Registrations 36,914

# CKNB

CAMPBELLTON—EST. 1939 CANADIAN BROADCASTING CORP.

FREQUENCY: 1240 Kc. POWER: 100 watts. OWNED BY: Dr. Charles Houde. OPERATED BY: Dr. Charles Houde. BUSINESS ADDRESS: Chateau Restigouche. STUDIO ADDRESS: Chateau Restigouche. PHONE: 8. TRANSMITTER LOCATION: Campbellton. TIME ON THE AIR: 8:00 A.M. to 12:00 midnight, daily: 9:00 A.M. to 12:00 midnight, Sundays. NEWS SERVICE: British United Press. TRANSCRIPTION SERVICE: All Canada Radio Facilities, Ltd.

# Personnel

Station Manager.	 C.	S.	Chapman
Chief Engineer.	 . <b></b>	I.	P. Paguet

# Coverage

Population—Primary	65.000
Radio Homes— "	12,000
Population—Secondary	90,000
Radio Homes—"	15,000
Source: Station survey.	

# CFNB

FREDERICTON—EST. 1923

CANADIAN BROADCASTING CORP. FREQUENCY: 550 Kc. POWER: 1000 watts. OWNED BY: James S. Neill & Sons Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Queen St. PHONE: 209. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: University of New Brunswick. TIME ON THE AIR: 8:00

A.M. to 12:00 Midnight, NEWS SERVICE: Transradio Press, TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

General Manager	art Neill
Chief AnnouncerCleve	Stillwell
Chief Engineer E. S.	Cassidy

### Coverage

Population—Primary	467,226
Radio Homes— "	49.039
Population—Secondary	193,491
Radio Homes "	22,184
Source: Station survey.	

# Representatives

Weed & Co.
All-Canada Radio Facilities

# CKCW

MONCTON—EST. 1934

CANADIAN BROADCASTING CORP.

FREQUENCY: 1400 Kc. POWER: 100 watts. OWNED BY: Moncton Broadcasting Co., Ltd. OPERATED BY: Moncton Broadcasting Co., Ltd. Business Address: K of P Bldg. PHONE: 3388. STUDIO ADDRESS: K of P Bldg. TRANSMITTER LOCATION: Harrisville. TIME ON THE AIR: 7:30 A.M. to 12:00 Midnight, daily: 11:00 A.M. to 12:00 midnight, Sundays. NEWSPAPER AFFILIATIONS: Moncton Transcript, Moncton Times. NEWS SERVICE: Transcript, Moncton Times. SERVICE: World Broadcasting System.

### Personnel

PresidentJ. L. Black
Station ManagerF. A. Lynde
Sales Manager
Program Director
Chief Engineer

### Coverage

Population—Primary	140,274
Radio Homes— "	12,793
Population—Secondary	161,187
Radio Homes-"	14,714
Source: Station survey.	

### Representative

Joseph Hershey McGillvra

# CBA

SACKVILLE—EST. 1939 CANADIAN BROADCASTING CORP.

FREQUENCY: 1070 Kc. POWER: 50,000 watts. OWNED BY: Canadian Broadcasting Corp.

OPERATED BY: Same. BUSINESS ADDRESS: Nova Scotian Hotel, Halifax, N. S. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Sackville. TIME ON THE AIR: 8:00 A.M. to 12:15 A.M.; Sundays. 9:00 A.M. to 12:15 A.M. NEWS SERVICE: CBC News Bureau, Canadian Press. TRANSCRIPTION SERVICE: Lang-Worth.

### Personnel

General ManagerGla	dstone	Murray
Regional Representative	Georg	e Young
Program Division	. <b>w</b> . J.	O'Reilly
Regional Engineer	James	Carlisle

# Coverage

Population—Primary	531,254
Radio Homes— "	51,391
Population—Secondary	511,463
Radio Homes— "	43,964
Source: Field intensity measureme	nts: Do-

minion Reports.

CHSJ

SAINT JOHN—EST. 1934 CANADIAN BROADCASTING CORP.

MARITIME NETWORK

FREQUENCY: 1150 Kc. POWER: 1000 watts. OWNED BY: New Brunswick Broadcasting Co., Ltd. OPERATED BY: Same. BUSINESS ADDRESS: 14-16 Church St. PHONE: 3-2307. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Coldbrook, N. B. TIME ON THE AIR: 7:30 A.M. to 12:00 Midnight; Sunday, 8:00 A.M. to 12:00 Midnight, NEWSPAPER AFFILIATIONS: Telegraph-Journal, Times-Globe. NEWS SERVICES: British United Press, Canadian Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System.

### Personnel

President
Station ManagerL. W. Bewick
Commercial ManagerGeorge Cromwell
Program Director-Artists' Bureau Head,
deB. Holly
Publicity Director
Chief Engineer

### Coverage

# Representative

Joseph Hershey McGillvra

# NOVA SCOTIA

Population 556,000

Number of Families 117,872

Number of Radio Licenses 66,200

Auto Registrations 50,942

# CHNS

### HĀLIFAX—EST. 1926

# CBC AND MARITIME NETWORK

FREQUENCY: 960 Kc, POWER: 1000 watts. OWNED BY: Maritime Broadcasting Co., Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Broadcasting House, Tobin St. PHONE: B-8318. STUDIO ADDRESS: Broadcasting House; Lord Nelson Hotel. TRANSMITTER LOCATION: Bedford. TIME ON THE AIR: 8:00 A.M. to 12:15 A.M. NEWSPAPER AFFILIATION: Halifax Herald, Halifax Mail. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio, and Lang-Worth.

### Personnel

President	Andrew Robb
General Manager	William C. Borrett
Commercial Manager	John L. Redmond
Artists Bureau Head	L. L. Shatford
Chief Announcer	Fletcher Coates
Musical Director	R. L. Fry
Chief Engineer	A. W. Greig

# Coverage

Population—Primary	290,700
Radio Homes— "	40,200
Population—Secondary	58,300
Radio Homes— "	5,600
Source: Field strength measurements	

### Representatives

All-Canada Radio Facilities, Ltd. Weed & Company

# CJCB-CJCX

SYDNEY—EST. 1929

CANADIAN BROADCASTING CORP.

FREQUENCY: 1270 Kc. POWER: 1000 watts. OWNED BY: Eastern Broadcasters, Ltd. OPERATED BY: Eastern Broadcasters, Ltd. BUSINESS ADDRESS: Radio Bldg. PHONE: 209-1412. STUDIO ADDRESS: Radio Bldg. TRANSMITTER LOCATION: South Bar, C.B. TIME ON THE AIR: 8:00 a.m. to midnight. NEWS SERVICE: Transradio Press and local news. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

Comm	ercial-Advertising	Manager,	
		N.	Nathanson
Chief	Announcer	T. C.	Robertson

Sales Manager
Publicity DirectorO. W. Loeb
Musical DirectorMrs. A. F. McKinnon
Chief Engineer

# Coverage

	Daytime	Evening
Population—Primary	217,640	310,552
Radio Homes "	52,865	71,224
Population—Secondary	122,746	246,850
Radio Homes-"	29,678	56,947

Source: Canadian Census Data.

# Representatives

All-Canada Radio Facilities Weed & Co.

# CJLS

YARMOUTH—EST. 1934
CANADIAN BROADCASTING CORP.
MARITIME NETWORK

FREQUENCY: 1340 Kc. POWER: 100 waits. OWNED BY: Gateway Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Box 584. PHONE: 500 and 316. STUDIO ADDRESS: Radio Bldg., Main St. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 8:15 A.M. to 12:15 A.M., daily except Saturdays and Sundays: 8:15 A.M. to 1:00 A.M., Saturdays; 9:00 A.M. to 12:15 A.M.. Sundays. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: Lang-Worth Programs.

### Personnel

Owner-Chief Engineer	Laurie L. Smith
Program Director	Earl Jeffrey
Commercial & Production	n Manager.

Fin Hollinger

# Coverage

	Daytime	Evening
Population—Primary	87,534	87,534
Radio Homes- "	10,461	10,461
Population—Secondary	55,076	55,076
Radio Homes— "	7,968	7,968
Source: Canadian Census	Data.	

Representative

Dominion Broadcasting Co.

# ONTARIO

Population 3,760,000

Number of Radio Licenses 447,500

Number of Families 797,872

Auto Registrations 663,882

# CKPC

# BRANTFORD—EST. 1923

CBC

FREQUENCY: 1380 Kc. POWER: 100 watts. OWNED BY: Telephone City Broadcasting. Ltd. OPERATED BY: Same. BUSINESS ADDRESS: 49-51 Colborne St. PHONE: 625-1646. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Glebe Property. TIME ON THE AIR: 7:30 A.M. to midnight; Sunday, 9:00 A.M. to 12:00 Midnight. NEWS SERVICES: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System.

### Personnel

Commercial Manager......Evelyn Feely Chief Engineer......Clayton Anguish

# Representative

A. L. Alexander

# **CFCO**

CHATHAM—EST. 1925

CANADIAN BROADCASTING CORP. FREQUENCY: 630 Kc. POWER: 100 Watts. OWNED BY: John Beardall. OPERATED BY: John Beardall. BUSINESS ADDRESS: William Pitt Hotel, Sixth St. PHONE: 2626. STUDIO ADDRESS: William Pitt Hotel. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:30 A.M. to 11:00 P.M.; Sunday, 9:00 A.M. to 11:00 P.M. (106½ hours weekly). NEWS SERVICE:

### Personnel

Transradio Press.

Owner-ManagerJohn E	eardall
Sales & Commercial DirectorP. A.	Kirkey
Program DirectorRoss	Wright
Chief Engineer	Brooks

# Coverage

Population—Primary	161,677
Population—Secondary	277,319
Course, Cistion survey	

# C K M C \*

FREQUENCY: 1240 Kc. POWER: 50 watts. OWNED BY: R. L. MacAdam, OPERATED BY: Same.

\*No further information available at time of going to press.

# CKPR

# FORT WILLIAM-PORT ARTHUR— EST. 1931

CBC

FREQUENCY: 580 Kc. POWER: 1000 Watts. OWNED BY: Dougall Motor Car Co., Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Radio Hall. PHONE: South 315. STUDIO ADDRESS: Same. TRANSMITTER LOCATION; Port Arthur. TIME ON THE AIR: 8:00 A.M. to 12:00 Midnight, daily: 11:00 A.M. to 12:00 midnight, Sundays. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

President and Station Manager H. F. Do	ugall
Vice-President	arker
Commercial ManagerJack D	owns
News EditorClint Go	dwin
Chief AnnouncerRalph P	arker

# Coverage

	Daytime	Evening
Population—Primary	95,000	100,000
Radio Homes— "	25,000	26,000
Population—Secondary	250,000	300,000
Radio Homes— "	62,500	75,000
Source: Mail response ar	alysis.	

# Representatives

Jack Slatter (Canada) Joseph Hershey McGillvra (U. S. A.)

# CHML

HAMILTON—EST. 1927
CANADIAN BROADCASTING CORP.

FREQUENCY: 900 Kc. POWER: 1000 watts. OWNED BY: Maple Leaf Radio Co., Ltd. OPERATED BY: Maple Leaf Radio Co., Ltd. BUSIER ST. DESS ADDRESS: 36 James Street. S. PHONE: 7-1539. STUDIO ADDRESS: Pigott Bldg. TRANSMITTER LOCATION: Saltfleet. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight; Sunday, 10:00 A.M. to 12:00 Midnight. NEWS SERVICE: British United Press. TRANSCRIPTION SERVICE: Standard Radio.

# Personnel

President	A. C. Hardy
Manager	Kenneth D. Soble
Program Director	.Norman Marshall

# CKOC

# HAMILTON-EST, 1922

CANADIAN BROADCASTING CORP.

FREQUENCY: 1150 Kc. POWER: 1000 watts, d.; 500 Watts, n. OWNED BY: Wentworth Radio Broadcasting Co., Ltd. OPERATED BY: Wentworth Radio Broadcasting Co., Ltd. BUSINESS ADDRESS: Wentworth Bldg. PHONE: 7-4484. STUDIO ADDRESS: Wentworth Bldg. TRANSMITTER LOCATION: Queen Elizabeth Highway. TIME ON THE AIR: 6:00 A.M. to Midnight; Sunday, 10:00 A.M. to 12:00 Midnight. NEWS SERVICE: Transradio Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIP-TION SERVICE: World Broadcasting System, NBC Thesaurus.

# Personnel

H. R. Carson

100,996

R W Starratt

President

Trestocut,		
Station Manager		
Commercial ManagerW. T. Cranston		
Program Director-Artists' Bureau Head,		
J. Lyman Potts		
Publicity Director-News EditorD. A. Robbins		
Women's EditorBernice Burns		
Sports EditorP. Le Sueur		
Chief Announcer Werner Bartman		
Musical DirectorCyril Hampshire		
Chief EngineerLeslie Horton		
Coverage		
Population—Primary 635,942		

# Source: Mail response analysis: Dominion

Radio Homes— " .....

Bureau of Statistics. Representatives

All-Canada Radio Facilities, Ltd. Weed & Company

# CKCA

# KENORA-EST, 1939

CANADIAN BROADCASTING CORP. FREQUENCY: 1450 Kc. POWER: 250 watts. d.; 100 watts, n. OWNED BY: Kenora Broadcasting Co. OPERATED BY: Same, BUSINESS ADDRESS: Kenricia Hotel. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Jaffray Township. TIME ON THE AIR: 8:00 A.M. to 10:00 P.M.; Sunday, 10:00 A.M. to 10:00 P.M. NEWS SERVICE: via CBC. TRANSCRIPTION SERVICE: World Broadcasting System.

# Personnel

r resident	W. Diaman	
Station Manager	Gerald F. Bourke	
Commercial Manager	Malcolm S. McLean	
Chief Engineer	William McLellan	
Coverage		
Population—Primary	18,900	

Population—Primary	18,900
Radio Homes "	11,000
Population—Secondary	12,000
Radio Homes— "	4,500
G	

Source: Station survey.

President

# CFRC

# KINGSTON-EST. 1923

CANADIAN BROADCASTING SYSTEM FREQUENCY: 1490 Kc. POWER: 100 watts. OWNED BY: Queens University and Kingston Whip-Standard. OPERATED BY: Same. BUSI-NESS ADDRESS: Kingston. PHONE: 616. STU-DIO ADDRESS: Fleming Hall, TRANSMITTER LOCATION: Queens University. TIME ON THE AIR: 8:00 A.M. to 11:00 P.M. NEWS-PAPER AFFILIATION: Whig-Standard, NEWS

Personnel

# Business and Station Manager, James Annand

SERVICE: Canadian Press Assoc.

SCRIPTION SERVICE: Standard Radio.

Chief Announcer..... . Charles Miller Chief Engineer ..... Prof. H. S. Steward, M.S.

# Coverage

Population—Primary	204,100
Radio Homes— "	46,600
Source: Station survey.	

# Representative

Weed & Co.

### KIRKLAND LAKE-EST, 1933 CANADIAN BROADCASTING CORP.

FREQUENCY: 560 Kc. POWER: 1000 watts. OWNED BY: Northern Broadcasting Co., Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Arcade Bldg. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Dane, Ont. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight; Sunday, 8:00 A.M. to 12:00 Midnight. NEWS-PAPER AFFILIATION: Timmins Press (Kirkland Lake edition). NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

President
Station ManagerBrian Shellon
Program Director
Chief EngineerEd Ryan

### Representatives

All-Canada Radio Facilities, Ltd. Northern Broadcasting & Publishing, Ltd. Weed & Company

# CKCR

KITCHENER-WATERLOO-EST. 1926 FREQUENCY: 1490 Kc. POWER: 100 watts. OWNED BY: Kitchener-Waterloo Broadcasting Co. OPERATED BY: Same. NESS ADDRESS: Waterloo Trust Bldg. PHONE: Kitchener 2-1246; Waterloo 2-1132. STUDIO AD-DRESS: Waterloo Trust Bldg.; Kitchener, Ont. TRANSMITTER LOCATION: Waterloo. TIME

# ONTARIO

ON THE AIR: 7:45 A.M. to 2:00 P.M. and 4:15 P.M. to 11:30 P.M. NEWS SERVICE: Transradio Press.

Personnel

Station and Commercial Manager,

W. C. Mitchell Sales and Advertising Manager....G. Liddle

Coverage

	Daytime	Evening
Population—Primary	100,000	174,420
Radio Homes— "	16,000	33,414
Population—Secondary	135,000	289,227
Radio Homes— "	27,000	49,767
Source: Department of M	arine: Rad	lio Trade

Builder.

Representative

# Dominion Broadcasting Co.

# CFPL

LONDON—EST. 1933 (CJGC est. 1922)
CANADIAN BROADCASTING CORP.

FREQUENCY: 1570 Kc. POWER: 1000 watts. OWNED BY: Free Press Pub. Co. OPERATED BY: Free Press Pub. Co. BUSINESS ADDRESS: Free Press Bldg. PHONE: Metcalfe 5200. STUDIO ADDRESS: Free Press Bldg. TRANSMITTER LOCATION: Hotel London. TIME ON THE AIR: 8:15 A.M. to midnight. NEWSPAPER AFFILIATION: London Free Press. NEWS SERVICE: Canadian Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

Station and Sales Manager....Philip H. Morris Chief Engineer......Lloyd York

# Coverage

Population—Primary	436,000
Radio Homes "	62.000
Population—Secondary	323,000
Radio Homes— "	49,000
Source: Mail response analysis.	

# Representative

Joseph Hershey McGillvta

# CFCH

NORTH BAY-EST. 1931

CBC

FREQUENCY: 1230 Kc. POWER: 100 watts. OWNED BY: Northern Broadcasting & Publishing. Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Capitol Theatre Bldg. PHONE: 2400-2401. STUDIO ADDRESS: Same. TORONTO OFFICE: Victory Bldg. TRANSMITTER LOCATION: Capitol Theater Bldg. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight; Sunday, 8:00 A M. to 12:00 Midnight. NEWSPAPER AFFILIATION: Timmins Press. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: Standard Radio, NBC Thesaurus.

### Personnel

President	. H. Thomson
Station Manager	. Cliff Pickrem
Commercial Manager	Hal Cooke
Publicity Director	Jack Cooke
Chief Announcer	Gord Smith
Musical Director	J. McLaren
Chief Engineer	Allen Taylor

### Coverage

Population 45,857
Radio Homes 9,855

# Representatives

All-Canada Radio Facilities, Ltd.

Northern Broadcasting & Publishing, Ltd.

Weed & Co.

# CBO

# OTTAWA-EST. 1924

CANADIAN BROADCASTING CORP.

FREQUENCY: \$10 Kc. POWER: 1000 watts. OWNED BY: Canadian Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Chateau Laurier Hotel. PHONE: 2-1151. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Hawthorne. TIME ON THE AIR: 7:25 A.M. to 12:00 Midnight: Sunday, 7:45 A.M. to 12:00 Midnight: Sunday, 7:45 A.M. TRANSCRIPTION SERVICE: Canadian Press News. TRANSCRIPTION SERVICE: World Broadcasting System.

### Personnel

Station Manager	. W.	C.	Anderson
Senior Announcer	G.	E.	Whittaker
Chief Engineer	<b></b>	E. •	C. Stewart

# CKCO

### OTTAWA-EST. 1924

FREQUENCY: 1340 Kc. POWER: 100 watts. OWNED BY: Controller G. M. Geldert, M.D. OPERATED BY: Controller G. M. Geldert, M.D. STUDIO ADDRESS: 272 Somerset St., West TRANSMITTER LOCATION: Boone Island, Quebec. TIME ON THE AIR: Week Days, 8:00 A.M. to 11:00 P.M.; Sundays, 12:00 noon to 11:00 P.M. NEWSPAPER AFFILIATION: Le Droit, Montreal Gazette. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth, Associated.

### Personnel

Manager ... G. M. Geldert
Secretary ... Irene Becksted

# Representative

Joseph Hershey McGillvra

# C F O S

# OWEN SOUND

FREQUENCY: 1400 Kc. POWER: 100 watts.
OWNED BY: Grey & Bruce Broadcasting Co.
OPERATED BY: Same BUSINESS ADDRESS:

904 Second Ave., East. PHONE: 1940. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Sydenham Township. TIME ON THE AIR: 7:45 A.M. to 1:30 P.M. and 5:00 to 9:45 P.M. (934 hours daily). NEWSPAPER AFFILIATION: Owen Sound Sun-Times. NEWS SERVICE: Canadian Press. TRANSCRIPTION SERVICE: World Broadcasting System.

# Personnel

President	Howard Fleming
Station Manager	Raiph Snelgrove
Local Sales Manager	Bill Hawkins
Program Director	Denys Ferry
Chief Announcer	Frank Radcliffe
Musical Director	Marie Keenan
Chief Engineer	.Theodore Millen

# Coverage

	Daytime	Evening
Population—Primary	58,000	37,000
Radio Homes— "	11,000	7.500
Population—Secondary	40,000	
Radio Homes—"	7,200	

Source: Bureau of Statistics; mail response analysis.

# Representative

Joseph Hershey McGillvra

# CFLC

# PRESCOTT-EST, 1925

FREQUENCY: 1450 Kc. POWER: 100 watts. OWNED BY: Radio Association of Prescott. OPERATED BY: Same. BUSINESS ADDRESS: Ogdensburg, N. Y. STUDIO ADDRESS: Prescott. Ont. TRANSMITTER LOCATION: Prescott. Ont. TIME ON THE AIR: 8:00 A.M. to 2:00 P.M. and 5:00 P.M. to 7:30 P.M. (7:00 P.M. on Saturday); 11:00 A.M. to 1:00 P.M. TRANSCRIPTION SERVICE: Lang-Worth.

# Personnel

President		A. C	. Halliday
Business Manager	<i></i> . 1	Maurice	B. Mitchell

# CKTB

# ST. CATHARINES—EST. 1933 CANADIAN BROADCASTING CORP.

FREQUENCY: 1230 Kc. POWER: 100 watts. OWNED BY: E. T. Sandell. OPERATED BY: The Silver Spire Broadcasting Station. Ltd. BUSINESS ADDRESS: Yates and St. Paul Sts. PHONE: 3900. STUDIO ADDRESS: Yates and Paul Sts. TRANSMITTER LOCATION: Rifle Range, Port Dalhousie. TIME ON THE AIR: (daily) 7:45 A.M. to Midnight: (Sunday) 10:45 A.M. to Midnight: (Sunday) NEWS SERVICE: Transradio Press.

# Personnel

PresidentE.	T.	Sandell
Station Manager	B.	Mitchell
Program Director	. A	damson

Musical	Director-Chief	Announcer,		
		w.	G.	Adamso

# 

# Coverage

Population-Prin	nary	500,000
Radio Homes-	<i>"</i>	100,000
Population—Seco	ondary	2,000,000
Radio Homes-	"	500,000
Source: Mail	response analysis;	Dominion
Census.	•	

# Representatives

Dominion Broadcasting Co., Toronto

# CJIC

# S S MARIE-EST. 1934

CBC

FREQUENCY: 1490 Kc. POWER: 100 watts. OWNED BY: Hyland Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: P.O. Box 504. PHONE 3500. STUDIO ADDRESS: Windsor Hotel. MICHIGAN OFFICE: Gage Bldg. TRANSMITTER LOCATION: Tarentorus Township. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight. NEWS SERVICE: Transradio Press.

### Personnel

General Manager	<b>J.</b>	G.	Hyland
Program Manager	J.	C.	Whitby
Manager, Michigan Office	F	ł. L.	Warne
Chief Engineer	S	. c.	Cusack

### Coverage

								-	-				
Population .													90,250
Radio Homes	3												17,705

### Source: Mail analysis.

# Representative

J. L. Alexander (Toronto)

# CJCS

### STRATFORD—EST. 1927

FREQUENCY: 1240 Kc. POWER: 50 watts. OWNED BY: F. M. Squires. OPERATED BY: Same. BUSINESS ADDRESS: Windsor Hotel. PHONE: 1675-6. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:15 A.M. to 10:00 P.M. NEWS SERVICE: Local news and Transradio Press.

### Personnel

Station ManagerF. M. Squires
Commercial ManagerS. E. Tapley
Program-Musical DirectorC. W. Trethewey
Production Manager
Publicity DirectorM. R. Dunseith
Chief Engineer I Camden

# Coverage

Population—Primary ..... 140,000

# Representatives

All-Canada Radio Facilities
Weed & Co.

# CKSO

# SUDBURY—EST. 1935 CANADIAN BROADCASTING CORP. ONTARIO REGIONAL

FREQUENCY: 790 Kc. POWER: 1000 watts. OWNED BY: Sudbury Daily Star. OPERATED BY: Sudbury Daily Star Publishers, Ltd. BUSINESS ADDRESS: 23 Elgin St. PHONE: 280. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Neelon Township. TIME ON THE AIR: 7:45 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATIONS: Sudbury Star. NEWS SERVICE: Canadian Press. Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus. Wor'd Broadcasting System.

# Personnel

President
Sales Promotion ManagerWilliam Stovin
Program Director and Chief Announcer,
Howard Clark
Publicity Director
Musical DirectorBill Valentine
Chief Engineer
Coverage
Population—Primary 148,568
Radio Homes— " 65,000

# CKGB

Radio Homes— " ...... 125,000

Source: Field strength measurements.

Population—Secondary .....

# TIMMINS—EST. 1935

CBC

FREQUENCY: 1470 Kc. POWER: 1000 watts. OWNED BY: Northern Broadcasting & Publishing. Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Thomson Bldg. PHONE: 500. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 212 miles west of Timmins. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. NEWSPAPER AFFILIATION: Timmins Daily Press. NEWS SERVICE: Transradio Press, British United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Associated. MAINTAINS ARTISTS' BUREAU.

# Personnel

President
Station ManagerJack K. Cooke
Sales ManagerRip Crotty
Commercial ManagerMurray Morrison
Sales Promotion ManagerR. A. Leslie
Program Director-Chief Announcer,
Fred Darling
Production ManagerLloyd Monk
Artists' Bureau HeadSonya Barnett
Publicity Director
Musical DirectorTed Earle
Chief Engineer

### Coverage

Population—Primary	62,004
Radio Homes— "	13,200
Population—Secondary	11,866
Radio Homes— "	2,525
Source: Station survey.	

# Representative

Northern Broadcasting & Publishing, Ltd.

# CBL

# TORONTO—EST. 1937

FREQUENCY: 740 Kc. POWER: 50,000 Watts. OWNED BY: Canadian Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: 55 York St. PHONE: Adelaide 5771. STUDIO ADDRESS: 805 Davenport Rd. PHONE: Kenwood 9411. TRANSMITTER LOCATION: Homby. TIME ON THE AIR: 7:15 A.M. to 12:00 Midnight. NEWS SERVICE: CBC News Service. TRANSCRIPTION SERVICE: NBC Thesqurus.

### Personnel

Station Manager-Regional Representative,
Dick Claringbull
Commercial Manager-Supervisor of Press
and Information
Chief Announcer-Studio Supervisor,

Herbert G. Walker Ontario Regional Chief Operator. W. C. Little

Coveraae

	Daytime	Evening
Population—Primary	2.691,289	2,491,684
Radio Homes- "	473,972	448,376
Population-Secondary	518,734	1,145,103
Radio Homes— "	62,179	179,757
Source: Field intensity	measurem	ents.

# Representative

Canadian Broadcasting Corp.

# CBY

TORONTO-EST. 1936

CBC

FREQUENCY: 1010 Kc. POWER: 1000 watts. OWNED BY: Canadian Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: 55 York St. PHONE: Adelaide 5571. STUDIO ADDRESS: 805 Davenport Road. PHONE: Kenwood 9411. TRANSMITTER LOCATION: 805 Davenport Road. TIME ON THE AIR: 7:15 A.M. to 12:00 Midnight. NEWS SERVICE: CBC News Bureau. TRANSCRIPTION SERVICE: NBC Theasurus.

# Personnel

Station	Mar	ager-Regional	Repres	801	ıtα	tive	١,
			Die	ck	CI	arir	ıgbull
Comme	rcial	Manager-Supe	rvisor	of	Pr	ess	
and '	Infor	mation			F	X	Wal-

Chief Announcer-Studio Supervisor,

Herbert C. Walker Ontario Regional Chief Operator...W. C. Little

# CFRB

# TORONTO—EST. 1927 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 860 Kc. POWER: 10,000 watts. OWNED BY: Rogers Radio Broadcasting Co., Ltd. OPERATED BY: Same. BUSINESS ADDRESS: 37 Bloor St., W. PHONE: Mi. 3515-6-Mi. 4643-45. STUDIO ADDRESS: 37 Bloor St., West. TRANSMITTER LOCATION: Aurora. TIME ON THE AIR: 7:00 A.M. to 12:30 A.M.; Sunday, 10:30 A.M. to 12:30 A.M. NEWS SERVICE: British United Press. TRANSCRIPTION SERVICE: Lang-Worth, NBC Thesaurus.

President	. Harry Sedgwick
Station Manager	E. L. Moore
Chief Announcer	Wes McKnight
Musical Director	Roy Locksley
Chief Engineer	Jack Sharpe

Coverage

Population-Primary	2,123,100
Radio Homes "	461,700
Population-Secondary	293,000
Radio Homes—"	58,900
	_

Source: Field intensity measurements and mail response analysis.

Representative
Joseph Hershey McGillyra

STATION
EXECUTIVES
IN
CANADA
READ
RADIO DAILY
REGULARLY

# UP IN CANADA

30 NATIONAL ADVERTISERS CAN'T BE WRONG . . .

in using 40% of a CFRB working week, the year 'round!



Of course shrewd advertisers use CFRB to sell their wares in Canada's richest market! The figures prove it. But more important is the answer to the question "Why are more and more advertisers reaching this market over CFRB?"... Here are a few reasons:

- 1 CFRB is the key to an immediate audience that represents 29% of the population of Canada, and nearly 50% of its purchasing power!
- 2 CFRB's listening area includes 12 cities, 42 towns and 192,174 farm homes!
- 3 CFRB's monthly mail averages over 200,000 letters!
- 4 In a recent "survey" comprising 1600 personal interviews, 53.4% of the interviewees named CFRB their favorite station. In fact, CFRB led the runner-up by nearly 2 to 1!

CFRB is now in its 14th year of continuous service. Before placing your advertising in Ontario, Canada's 2½ billion dollar market, get all the facts concerning CFRB—the key to Ontario sales!

# CFRB TORONTO

The most popular station in Canada's richest market!

Advertising representatives in U. S. A.

JOSEPH HERSHEY McGILLVRA

New York Chicago Boston
San Francisco Los Angeles Atlanta

# CKCL

TORONTO, CANADA

Now 1000 Watts
(With Directional Antenna)
580 Kilocycles

and with the permission of the Canadian Broadcasting Corporation carrying NBC Blue and Red commercials.

For coverage map write us direct, or phone or wire your nearest Joseph Hershey McGillvra office.

# CKCL

TORONTO-EST, 1924

FREQUENCY: 580 Kc. POWER: 1000 watts. OWNED BY: Dominion Battery Co., Ltd. OPERATED BY: Dominion Battery Co., Ltd. BUSINESS ADDRESS: 444 University Ave. PHONE: Adelaide 1014. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Scarboro, Ont. TIME ON THE AIR: 7:00 a.m. to 12:00 midnight, daily: 9:00 a.m. to 10:30 p.m., Sundays. MAINTAINS ARTISTS' BUREAU. NEWS SERVICE: Canadian Press, Transradio Press, TRANSCRIPTION SERVICE: Lang-Worth, World Broadcasting System, Davis & Schwegler, Standard Radio.

# Personnel

# Representative

Joseph Hershey McGillvra

# CKLW

WINDSOR-EST. 1932

MUTUAL-CBC

FREQUENCY: 800 Kc. POWER: 5000 watts. OWNED BY: Western Ontario Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS:



Guaranty Trust Bldg. PHONE: 4-1155. DETROIT ADDRESS: Union Guardian Bldg. STUDIO ADDRESS: Guaranty Trust Bldg., Windsor. TRANSMITTER LOCATION: Sandwich South Township. TIME ON THE AIR: 8:00 A.M. to 4:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System. MAINTAINS ARTISTS' BUREAU.

### Personnel

General Manager	J. E. Campeau
Station Manager	William J. Carter
Commercial Manager .	L. J. Dumahaut
Program Director	John Gordon
Production Manager	Frank Burke
Artists' Bureau Head	Joe Gentile
Publicity Director	Frank Lynch
Chief Announcer-Traffic	Mgr., Campbell Ritchie
Chief Engineer	William J. Carter

# Representative

Joseph Hershey McGillvra

# CKNX

WINGHAM—EST. 1926
CANADIAN BROADCASTING CORP.
FREQUENCY: 1230 Kc. POWER: 100 watts.

OWNED BY: W. T. Cruickshank & B. Howard Bedford. OPERATED BY: Same. BUSINESS ADDRESS: Fields Bldg. PHONE: 158. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:30 A.M. to 10:15 P.M. NEWS SERVICE: Transradio Press, local staff. MAINTAINS ARTISTS' BUREAU.

# Personnel

General Manager	T.	Cru	ickshank
Commercial Manager	B	Н.	Bedford
Production Manager	. <b>H</b>	атту	J. Boyle
Merchandising DirectorR.	G.	Buc	kingham
Musical Director-Artists' Bureau	H	eαd.	
••		•••	

	1101010	AICIOL	Pym
Chief	AnnouncerJohn	Cruicks	hank
Chief	Engineer	Scott	Reid

### Coverage

	Daytime	Evening
Population—Primary	254,721	254,721
Radio Homes— "	52,871	52,871
Population—Secondary	208,093	208,093
Radio Homes— "	45,620	45,620
Source: Mail response of	malysis.	

# Representative J. L. Alexander (Toronto)

# PRINCE EDWARD ISLAND:

Population 95,000 Number of Families 20,212 Number of Radio Licenses 11,200
Auto Registrations 7,970

# CFCY

# CHARLOTTETOWN-EST. 1924

CANADIAN BROADCASTING CORP.

FREQUENCY: 630 Kc. POWER: 1000 Watts. OWNED BY: Island Radio Broadcasting Co., Ltd. OPERATED BY: Island Radio Broadcasting Co., Ltd. BUSINESS ADDRESS: Brace Bldg. PHONE: 741. STUDIO ADDRESS: Brace Bldg. THANSMITTER LOCATION: West Royalty, P. E. I. TIME ON THE AIR: 8:00 A.M. to Midnight. NEWS SERVICE: Transradio Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Standard Radio, Lang-Worth.

### Personnel

Managing DirectorK	. S	. Rogers
Sales and Studio ManagerL. A	. M	[cDonald
Chief Engineer	l. F	. Young

# Coverage

Population—Primary	275,600
Radio Homes— "	25,500
Population—Secondary	116,300
Radio Homes— "	3,100
Course. Meil rospones englusia	

Source: Mail response analysis.

# Representatives

All-Canada Radio Facilities Weed & Co.

# CHCK

# CHARLOTTETOWN

FREQUENCY: 1340 Kc. POWER: 50 waits. OWNED BY: CHCK Broadcasting Co., Ltd. OPERATED BY: Island Radio Broadcasting Co., Ltd. (CFCY). BUSINESS ADDRESS: 4 Brace Bldg. PHONE: 724. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 2:00 p.m. to 4:00 p.m.

# Personnel

(Same as CFCY)

# CHGS

# SUMMERSIDE—EST. 1925

CBC

FREQUENCY: 1480 Kc. POWER: 100 waits. OWNED BY: R. T. Holman, Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Water St. PHONE: 134. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Holman Bldg. TIME ON THE AIR: 7:30 A.M. to 8:30 A.M., 10:30 A.M. to 2:30 P.M. and 4:00 P.M. to 9:00 P.M., daily: 11:00 A.M. to 1:00 P.M. and 3:30 P.M. to 9:00 P.M., sunday.

# Personnel

President	<b>H.</b>	T.	Holman
Station Manager	R.	L.	Mollison
Program Director	.C. 1	F. M	acCaull
Chief Engineer	A:	nqus	McKie

# QUEBEC:

Population 3,210,000 Number of Families 428,000 Number of Radio Licenses 382,000 Auto Registrations 202,796

# CBJ

# **CHICOUTIMI**

CBC

FREQUENCY: 1240 Kc. POWER: 100 watts. OWNED BY: Canadian Broadcasting Corp. OPERATED BY: Canadian Broadcasting Corp. BUSINESS ADDRESS: Chicoutimi, PHONE: 155. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 8:00 A. M. to 12:00 Midnight. NEWS SERVICE: Local news.

### Personnel

# CKCH

HULL—EST. 1932 CBC (AND PROVINCIAL)

FREQUENCY: 1240 Kc. POWER: 100 watts. OWNED BY: Le Droit. OPERATED BY: CKCH Broadcasting Co. BUSINESS ADDRESS: 85 Champlain Ave. PHONE: 2-1701. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: R. R. No. 1, Hull. South. TIME ON THE AIR: 7:30 to 11:30 P.M. (108 hours weekly). NEWS-PAPER AFFILIATION: Le Droit (Ottawo). NEWS SERVICE: Canadian Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus.

# Personnel

President
Sales Manager
Musical Director
Chief Engineer

# CBF

MONTREAL—EST. 1937
CANADIAN BROADCASTING CORP.

NBC (RED & BLUE)—For Programs With French Announcements.

FREQUENCY: 690 Kc. POWER: 50,000 waits. OWNED BY: Canadian Broadcasting Corporation. OPERATED BY: Canadian Broadcasting Corporation. BUSINESS ADDRESS: 1231 St. Catherine St. West. PHONE: Marquette 5211. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Vercheres, Que. TIME ON THE AIR: 8:00 A.M. to Midnight.

### Personnel

Station ManagerMaurice Goudrault
Program DirectorJ. M. Beaudet
Commercial ManagerJ. A. Dupont
Chief EngineerL. L'Allier

# CBM

MONTREAL—EST. 1933
CANADIAN BROADCASTING CORP.
NBC—(RED)

FREQUENCY: 940 Kc. POWER: 5000 waits. OWNED BY: Canadian Broadcasting Corporation. OPERATED BY: Canadian Broadcasting Corporation. BUSINESS ADDRESS: 1231 St. Catherine St. West, Montreal. PHONE: Marquette 5211. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Marieville. TIME ON THE AIR: 8:00 A.M. to midnight. NEWS SERVICE: Canadian Press.

# Personnel

Station Manager	Maurice Goudrault
Program Director	]. M. Becaudet
Commercial Manager	J. A. Dupont
Chief Engineer	R. A. Scontlebury

# CFCF

# (Short Wave CFCX) MONTREAL—EST. 1919

NBC (Blue)

FREQUENCY: 800 Kc. POWER: 500 Watts. OWNED BY: Canadian Marconi Co. OPERATED BY: Canadian Marconi Co. BUSINESS ADDRESS: 1231 St. Catherine St., West. PHONE: Plateau 2577. STUDIO ADDRESS: 1231 St. Catherine St. W. TRANSMITTER LOCATION: Mt. Royal Hotel. TIME ON THE AIR: 7:45 A.M. to 1:00 A.M. (daily): 9:00 A.M. to 11:30 P.M. (Sunday), (118 hours weekly). NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

President	A. H. Ginman
Station Manager	J. A, Shaw
Commercial Director	M. J. Humphreys
Program Director	H. H. Hewetson
Sales Promotion Manager	E. H. Smith
Chief Announcer	Ivor Francis
Chief Engineer	Jack Geltenby

### Coverage

	Daytime	Evening
Population—Primary	1,500,000	1,200,000
Radio Homes— "	220,000	192,000
Population—Secondary	300,000	
Radio Homes—"	28,725	<b></b>
Source: Radio Division, 1	Department	of Trans-

# Representatives

All-Canada Radio Facilities, Ltd. Wood & Company (in the U. S.)

port.

# CHLP

# MONTREAL—EST. 1933

FREQUENCY: 1490 Kc. POWER: 100 watts. OWNED BY: La Patrie Pub. Co. OPERATED BY: Same. BUSINESS ADDRESS: Sun Life Bldg. PHONE: Plateau 5225. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: La Patrie Bldg. TIME ON THE AIR: 94 hours weekly. NEWSPAPER AFFILIATION: La Patrie. NEWS SERVICE: British United Press, Canadian Press. TRANSCRIPTION SERVICE: Standard Radio.

### Personnel

Station and Commercial		
Manager	. Marcel	Leiebvre
Program Director	Clau	de Sutton
Publicity Director	. Arma	nd Goulet
Chief Engineer	F. F.	Tambling

# CKAC

# MONTREAL—EST. 1922 COLUMBIA BROADCASTING SYSTEM QUEBEC NETWORK

FREQUENCY: 730 Kc. POWER: 5000 Walts. OWNED BY: La Presse Pub. Co., Ltd. OPERATED BY: La Press Pub. Co., Ltd. BUSINESS ADDRESS: 980 St. Catherine St. West. PHONE: Marquette 3611. STUDIO ADDRESS: 980 St. Catherine St. West. TRANSMITTER LOCATION: St. Hyacinthe. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. NEWSPAPER AFFILIATION: La Presse. NEWS SERVICE: British United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System, Lang-Worth.

### Personnel

PresidentP. R. DuTremblay
General ManagerPhil Lalonde
Commercial ManagerLouis Leprohon
Program-Musical DirectorHenri Letondal
Production ManagerFerdinand Biondi
Sales Promotion ManagerAndre Daveluy
Chief AnnouncerRoy Malouin
News-Publicity-Traffic Director Flavius Daniel
Office ManagerArmand Gravel
Music Librarian

# Coverage

	Dayume	Evening
Population—Primary	1,169,226	1,824,365
Radio Homes- "	258,865	280,286
Population—Secondary	1,076,717	1.697,505
Radio Homes "	153.253	262,806
Source: CBS Listening	Area Stud	ν.

# Representative

Joseph H. McGillvra

# CHNC

NEW CARLISLE—EST. 1933 CANADIAN BROADCASTING CORP.

FREQUENCY: 610 Kc. POWER: 1,000 Watts. OWNED BY: Gaspesia Radio Broadcasting Co. OPERATED BY: Gaspesia Radio Broadcasting Co. BUSINESS ADDRESS: Main St. PHONE: 38. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: New Carlisle, Que. TIME ON THE AIR: 8:00 A.M. to 12:30 A.M.; Sunday, 9:00 A.M. to 12:30 A.M.

# Personnel

Managing Director . . . . . Dr. Charles Houde

# CBV

QUEBEC—EST. 1934

FREQUENCY: 980 Kc. POWER: 1000 watts. OWNED BY: Canadian Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Room 4002 Chateau Frontenac. PHONE: 5658. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Charlesbourg. TIME ON THE AIR: 8:00 A.M. to 12:00 Midnight. NEWS SERVICE: Canadian Press.

### Personnel

CBC PresidentRene Morin
Station ManagerAurele Seguin
CBC Commercial ManagerJ. A. DuPont
CBC Publicity Director Leopold Houle
Chief AnnouncerFernand Leclerc

Entering its Eighth Year of Broadcasting

1000 W CHNC (

610 Kc.

NEW CARLISLE, QUEBEC

Primary Coverage includes 20,509 radio homes, primarily French

15,000 Fan Letters are averaged monthly

### CHNC's Audience

Enjoys well-planned

programs-and

THEY BUY

CBC Program-Musica Chief Engineer		
Coverage		
Population—Primary		236,942
Radio Homes—"		37.354

# CHRC

# QUEBEC-EST. 1926

FREQUENCY: 1400 Kc. POWER: 100 watts. OWNED BY: CHRC, Limitee. OPERATED BY: CHRC, Limitee. BUSINESS ADDRESS: Victoria Hotel. PHONE: 2-8178. STUDIO AD-DRESS: Victoria Hotel. TRANSMITTER LO-CATION: Victoria Hotel. TIME ON THE AIR: (daily) 7:30 A.M. to midnight; (Sundays) 11:30 A.M. to midnight, NEWS SERVICE: Own News Service, British United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SER-VICE: Lang-Worth and own disk dibrary of 20,000 selections.

# Personnel

Station Manager
Secretary-Treasurer
Sales Manager
Artists Bureau Head
Chief AnnouncerT. H. Burham
Publicity DirectorMaurice Descarreaux
Musical Director
Chief Engineer Arsene Nadeau

# Coverage

Population—Primary	495,300	
Radio Homes "	36,700	
Population—Secondary	189,900	
Radio Homes— "	7,500	
Source: Field intensity measurements.		

# Representative

Joseph Hershey McGillvra (U.S.A.)

# CKCV

# QUEBEC-EST, 1924

CANADIAN BROADCASTING CORPORATION FREQUENCY: 1340 Kc. POWER: 100 watts. OWNED BY: CKCV, Limited. OPERATED BY: CKCV, Limited. BUSINESS ADDRESS: 142 St. John St. PHONE: 2-1585. STUDIO ADDRESS: 142 St. John St. TRANSMITTER LOCATION: 154 Marguerite-Bourgeois Ave. TIME ON THE AIR: 106 hours weekly. NEWS SERVICE: Press Canadian News. TRANSCRIPTION SERVICE: World Broadcasting System.

# Personnel

President
Station ManagerPaul Lepage
Sales Promotion ManagerM.—Paule Vachon
Chief Announcer
Musical DirectorEdwin Belanger
Chief Engineer

### Coverage

	Daylime	Evening
Population Primary	381,000	289,421
Radio Homes "	36,300	28,200
Population—Secondary	450,000	
Radio Homes— "	39.000	

Source: Radio Division, Department of Trans-

### RIMOUSKI—EST. 1937

CBC-QUEBEC REGIONAL NETWORK

FREQUENCY: 900 Kc. POWER: 1000 waits. OWNED AND OPERATED BY: Lower St. Lawrence Power Co. BUSINESS AND STUDIO ADDRESS: 1 St. John St. PHONE, 396. TRANS-MITTER LOCATION: Notre-Dame du Sacre Coeur. TIME ON THE AIR: Weekdays 8:00 A.M. to 11:30 P.M. Sundays, 12:00 noon to 11:30 P.M. NEWSPAPER AFFILIATION: Le Progres du Golfe. NEWS SERVICE: Canadian Press (via CBC).

### Personnel

President		A.	Brillant
Manager		A.	Lavoie
Program	Director	E.	Corbeil

# Coverage

	Daytime	Evening
Population—Primary	413,483	250,910
Radio Homes "	28,000	19,000
Population—Secondary	425,350	259,400
Radio Homes— "	35,000	18,000
Source: Station survey.		-

# Representative

Joseph Hershey McGillvra

# ROUYN-EST. 1938

CANADIAN BROADCASTING CORP.

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: La Cie de Radiodiffusion Rouyn-Noranda, Ltd. BUSINESS ADDRESS: P. O. Box 340. STUDIO ADDRESS: Reilly Bldg. PHONE: 1400. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWS SERVICE: British United Press.

### Personnel

President	L. Labelle
Vice-President	F. Herbert
Vice-President	M. P. Cuddihy
General Manager	J. O. Tardif
Sales Promotion Manager	E. Gagnier
Program-Musical Director	John Hogue
Production Manager	E. G. Archibald
Chief Engineer	Bert Crump

### Coverage

	-	
Population—Primary		85,900
Radio Homes— "		5,800
Source: Station sur	VAV	

# CHGB

# SAINTE ANNE DE LA POCATIERE

FREQUENCY: 1230 Kc. POWER: 100 watts. OWNED BY: CHGB, Inc. OPERATED BY: Same. BUSINESS ADDRESS: Sainte Anne de la Pocatiere. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M.; Sunday, 12:00 noon to 12:00 midnight.

# Personnel

Commercial Manager.......G. H. Bouchard Program Director.....Laval Raymond

# Representative

Joseph Hershey McGillvra

# SHERBROOKE—EST. 1937

CANADIAN BROADCASTING CORP. FREQUENCY: 1240 Kc. POWER: 100 watts. OWNED BY: La Tribune Ltd. OPERATED BY: La Tribune Ltd. BUSINESS ADDRESS: La Tribune Bldg. PHONE: 971. STUDIO AD-DRESS: Same. TRANSMITTER LOCATION: Sherbrooke. TIME ON THE AIR: 7:45 A. M. to 12:00 Midnight. NEWSPAPER AFFILIATIONS: La Tribune, NEWS SERVICE: Canadian Press.

### TRANSCRIPTION SERVICE. Standard Radio. Personnel

Chief Engineer.....L. P. Bernier

### THREE RIVERS

FREQUENCY: 1450 Kc. POWER: 100 watts. OWNED AND OPERATED BY: Le Nouvelliste. BUSINESS AND STUDIO ADDRESS: Chateau de Blois. TRANSMITTER LOCATION: Three Rivers. TIME ON THE AIR: Weekdays, 8:00 A.M. to 11:30 P.M. Sundays, 12:00 noon to 11:30 P.M. NEWSPAPER AFFILIATION: Le Nouvelliste, TRANSCRIPTION SERVICE: WBS.

### Personnel

Station Manager.....Leon Trepanier

### Coverage

Population—Primary ..... Population—Secondary ..... 233,220 Source: Station estimate within 25-mile radii.

# CKVD

# VAL D'OR-EST, 1939

FREQUENCY: 1230 Kc. POWER: 100 watts. OWNED BY: Northern Broadcasting & Publishing Co., Ltd. OPERATED BY: Same, BUSINESS ADDRESS: Val d'Or. PHONE: 500. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 8:00 A.M. to 2:00 P.M. and 5:00 to 9:00 P.M. NEWSPAPER AFFILIATION: Timmins Daily Press. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

### Personnel

President	Taschereau
General Manager	Dan Carr
Program Director	Don Insley
Chief Engineer	.Ernie Mott

### Coverage

Population—Primary	 25,00 <b>0</b>
Radio Homes—"	 5,321

# Representative

All-Canada Radio Facilities, Ltd. Weed & Co.

# SASKATCHEWAR

Population 949,000

Number of Families 201.915

Number of Radio Licenses 112,100

Auto Registrations 108,504

# CHAB

MOOSE JAW-EST. 1922

FREQUENCY: 1220 Kc. POWER: 1000 watts. OWNED BY: CHAB, Limited. OPERATED BY: CHAB, Limited. BUSINESS ADDRESS: Grant Hall Hotel. PHONE: 2377, 2378, 2379. STUDIO ADDRESS: Grant Hall Hotel. TRANSMITTER LOCATION: Boharm, Sask. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight, daily; Sunday. 7:45 A.M. to 12:00 Midnight, NEWS SERVICE: British United Press.

# Personnel

President-Chief Engineer......A. E. Jacobson Sales Manager......L. A. Bourgeois Sales Promotion Manager.....G, E, Walker Publicity Director.....Louis Lewry

### Representative

All-Canada Radio Facilities, Ltd., Canada Weed & Company, U. S. A.

# CKBI

# PRINCE ALBERT-EST. 1924

CBC

FREQUENCY: 900 Kc. POWER: 1000 watts.
OWNED AND OPERATED BY: R. E. Price and
L. E. Moffat. BUSINESS AND STUDIO ADDRESS: Sanderson Block. PHONE: 3133.
TRANSMITTER LOCATION: Prince Albert.
TIME ON THE AIR: 18 hours daily. NEWS
SERVICE: British United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

# Personnel

Manager	
Commercial Manager-Chief	Engineer,
_	L. E. Moffat
Sales Promotion Manager	Gerald Prest

Sales Promotion ManagerGer	ald Prest
Program Director	h Davey
Chief Announcer	. R. Hart
Musical DirectorG	. Dobson

### Coverage

	Daylime	Evening
Population-Primary	150,000	150,000
Radio Homes— "	29,000	
Population—Secondary	225.000	225,000
Radio Homes— "	42.000	

# Source: Radio Trade Builder. Representative

All Canada Radio Facilities Weed & Co.

# CJRM

### REGINA—EST. 1926 CBC—GRAIN BELT NETWORK

FREQUENCY: 980 Kc. POWER: 1000 watts. OWNED BY: Transcanada Communications, Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Saskatchewan Life Bldg. PHONE: 8424. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Pilot Butte. TIME ON THE AIR: 116 hours weekly. NEWSPAPER AFFILIATION: Regina Leader Post. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting Service.

### Personnel

President	
Station Manager	F. V. Scanlan
Sales Manager	Bruce M. Pirie
Program Director-Chief	Announcer.

Musical Director. Don E. Wright
Musical Director. Sam H. Hillier
Chief Engineer ... W. McDonald

### Representative

Joseph Hershey McGillvra All Canada Radio Facilities

# CKCK

REGINA-EST, 1922

CANADIAN BROADCASTING CORP. FREQUENCY: 620 Kc. POWER: 1000 watts.

OWNED BY: Leader-Post, Ltd. OPERATED BY: All Canada Radio Facilities, Ltd. BUSINESS ADDRESS: Southam Bldg., Calgary, Alberta. STUDIO ADDRESS: Leader Post Bldg. PHONE: 8525. TRANSMITTER LOCATION: Victoria Plains. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATION: Leader-Post, Ltd. NEWS SERVICE: British United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio, All-Canada Radio Facilities, Ltd.

# Personnel

Station ManagerGerry Gaetz
Assistant Manager
Commercial ManagerA. R. Smith
Program DirectorL. A. Westmoreland
Publicity Director
Musical DirectorRoss MacRae
Chief EngineerE. A. Strong

# Representative

All-Canada Radio Facilities, Ltd. (Canada)
Weed & Co. (U.S.A.)

# CFQC

# SASKATOON—EST. 1923 CANADIAN BROADCASTING CORP.

FREQUENCY: 600 Kc. POWER: 1000 watts. OWNED BY: A. A. Murphy & Sons, Ltd. OPERATED BY: Same. BUSINESS ADDRESS: 216 First Ave., N. PHONE: 5374-7282. STUDIO ADDRESS: 216 First Ave., N. TRANSMITTER LOCATION: Exhibition Grounds. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight, daily; 8:30 A.M. to 11:30 P.M. Sundays. NEWS SERVICES: British United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio.

### Personnel

President and Station Manager. A. A. Murphy
Commercial ManagerVernon Dalli
Program-Musical DirectorCy Cairn
Production Manager-Publicity Director.

Murray Dyck
Chief Announcer Wilfred Gilby
Chief Engineer S. Clifton

# Coverage

Population—Primary	280,000
Radio Homes— "	38,000
Population—Secondary	275,000
Radio Homes— "	36,000

# Representatives

Joseph Hershey McGillvra (USA only)
Jack Slater, Toronto & Montreal
Inland Broadcasting Service

# CBK

### WATROUS—EST. 1939

CANADIAN BROADCASTING CORP. FREQUENCY: 540 Kc. POWER: 50,000 Watts. OWNED BY: Canadian Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS:

# SASKATCHEWAN

SASKATO	HEWAN
Manitoba Telephone Bldg., Portage Ave., East, Winnipeg, Man. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Watrous, Sask. TIME ON THE AIR: 7:30 A.M. to 11:30 P. M. Personnel	TRANSMITTER LOCATION: Yorkton. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWS SERVICE: British United Press. TRANSCRIPTION SERVICE: World Broadcasting System.  Personnel
Regional Director	Station Manager A. L. Garslde Commercial Manager R. H. Elleker Public Relations Director C. F. Greene Coverage
YORKTON—EST. 1927  CANADIAN BROADCASTING CORP.  FREQUENCY: 1460 Kc. POWER: 1000 waits.  OWNED BY: Yorkton Broadcasting Co., Ltd.  OPERATED BY: Yorkton Broadcasting Co., Ltd.	Population—Primary 154,506 Population—Secondary 143,439 Radio Homes—Primary and Secondary 46,286 Source: Station survey.  Representatives
BUSINESS ADDRESS: 171 McDermot Ave., Winnipeg. PHONE. Winnipeg 9235 L. STUDIO ADDRESS: Smith MacKay Bldg., Yorkton.	Joseph Hershey McGillvra Jack Slatter Inland Broadcasting Service
NEWSPAPER - AFFILIATE	D CANADIAN STATIONS
ALBE	RTA
CFAC—Calgary. 1000 Watts; 960 Kc. V. F. Nielsc C[C]—Calgary. 100 Watts; 690 Kc. J. E. Gerke, r C]CA—Edmonton. 1000 Watts; 630 Kc. Gordon S.	on, manager
CFJC—Kamloops. 1000 Watts; 910 Kc. A. D. R. I CKLN—Nelson. 100 Watts; 1420 Kc. H. Lethbridg CJAT—Trail. 1000 Watts; 610 Kc. A. J. Balfour, n CKMO—Vancouver. 100 Watts; 1410 Kc. R. H. V	Homersham, manager KAMLOOPS SENTINEL ge, manager NELSON DAILY NEWS nanager TRAIL DAILY TIMES
NEW BRU	NSWICK
CKCW—Moncton. 100 Watts; 1400 Kc. F. A. Lynd CHSJ—Saint John. 1000 Watts; 1150 Kc. L. W. Be SAINT JOHN TE	MONCTON TRANSCRIPT, MONCTON TIMES
NOVA S CHNS—Halifax. 1000 Watts; 930 Kc. William C	COTIA
ONTA  CFRC—Kingston. 100 Watts; 1510 Kc. James An  CJKL—Kirkland Lake. 1000 Watts; 560 Kc. Brian S  CFPL—London. 100 Watts; 730 Kc. Philip H. Mot  CFCH—North Bay. 100 Watts; 930 Kc. Cliff Pickre  CFOS—Owen Sound. 100 Watts; 1400 Kc. Ralph S  CFLC—Presscott. 100 Watts; 930 Kc. Maurice B.	nand, manager. KINGSTON WHIG-STANDARD Shellon, manager. TIMMINS PRESS sris, manager. LONDON FREE PRESS sm, manager. TIMMINS PRESS Snelgrove, manager. OWEN SOUND SUN-TIMES
CKSO—Sudbury. 1000 Watts; 790 Kc. W. J. Woo CKGB—Timmins. 1000 Watts; 1440 Kc. Jack K.	odill, managerSUDBURY SUN
CHLP—Montreal. 100 Watts; 1120 Kc. Marcel Le CKAC—Montreal. 5000 Watts; 730 Kc. Phil Lalon CJBR—Rimouski. 1000 Watts; 1030 Kc. G. A. Lav CHLT—Sherbrooke. 100 Watts; 1210 Kc. A. Gau CHLN—Three Rivers. 100 Watts; 1420 Kc. Leon To	febvre, manager
CKVD—Val D'Or. 100 Watts; 1230 Kc. Dan Carr.	THREE RIVERS LE NOUVELLISTE
CACT ATTA	THE ECTAL A INT

CKCK—Regina. 1000 Watts; 980 Kc. G. Gaetz, manager.....

**SASKATCHEWAN** 

..... REGINA LEADER-POST

# DID YOU HEAR ABOUT ZIV'S NEW SHOW



Whether for foods, filling stations or face powder... we have just the show for you. Ziv-created programs run on more than a hundred stations every week. Phone or wire for details.

Frederic w. ZIV, inc.

2436 READING ROAD

CINCINNATI. O.



# RADIO 🕸 PRODUCTION



**Producers** 

**Transcriptions** 

Libraries

Agents

Music Publishers

Talent

Musical Directors

**Rules and Regulations** 

**Programs** 

**Promotion Digest** 

# ARTHUR H. ASHLEY RADIO PRODUCTION

A SPECIALIST IN FOREIGN LANGUAGE PROGRAMMING

ALL SHOWS PRODUCED ARE DETWORK CALIBRE

A PROGRAM SERVICE AVAILABLE TO RECOGNIZED ADVERTISING AGENCIES ONLY

457 W. 57th STREET NEW YORK CITY GENE FALCONI, Gen, Mgr. COlumbus 5-1348

## BACK STAGE WITH RADIO DURING 1940

By Norman S. Weiser Associate Editor RADIO DAILY

STABLISHING itself as one of the greatest advertising mediums in the world, and firmly entrenching itself as a leader of industry, radio last year hit an all-time high in achievement, and offered every indication that 1941 would see no retardment of the advancements prophesized in '40. Financially speaking, the three major networks reached a new peak of \$96,000,000 in gross cumulative billings during the year, approximately a 16 per cent increase over the same period a year ago, and NBC with its two networks, retained its position as the leading advertising medium in the United States by marking up total gross cumulative billings of \$50,000,000.

#### FM

Perhaps the most notable advancement during the year was the advent of frequency modulation on a large scale. Surpassing television in point of progress, FM was granted commercial licenses by the FCC, and from every nook and cranny of the country came word that FM was finding favor with the populace. More than 40 FM stations were ready to go at the turn of the year, and the list was expanding rapidly as the year progressed. Television, however, has not been eclipsed by the meteoric rise of FM, but has settled down, after a complete frequency change according to FCC rulings, to serious experimentation in all fields, with special emphasis being given to color transmission as the year faded.

#### International

Rivaling FM as the fair-haired son of the broadcasting industry, short wave transmissions, on a paying basis, became popular with national advertisers, and NBC, Westinghouse and General Electric all reported steady sales in that field. CBS, as the year waned, closed a deal whereby a South American division was added to the regular network, with 64 stations available to advertisers. That set-up will start in September of the current year, and makes broadcasting an established advertising medium of international scope.

#### Programs

Highlighting the year were the preparations to put BMI into the works, and towards the end of 1940 radio was functioning with a higher degree of efficiency in programming than had been evident for many a year. Musical shows continued to flourish, and the giveaways also noted heavy Crossley increases. Quiz programs continued to find large audiences available, and the daytime "soap operas" continued to sell practically every housewife from coast-to-coast. National defense, of course, highlighted the latter part of the year, and was to be the keynote of the entire broadcasting industry in '41. International newscasts held tremendous audiences, and the European war was covered thoroughly and sanely, with no war hysteria allowed to creep into the American Way of broadcasting.

#### Labor

The union front was quiet for the most part during the otherwise hectic year, with AFRA, after raising a slight rumpus, signing a new contract with all concerned, and the AFM, after threatening to enter into the BMI-Ascap fracas, decided against that course and quietly went about its business.

1941 finds the radio industry at last standing on its own two feet, and entering its twenty-first year as one of the most potent medias in the world. Its coverage of the political scene in 1940; the very thorough job done for all of its advertisers, and its continued expansion in all fields of the entertainment field, ascertain that it has seen its most trying times, and that in the future it will continue to establish new records on all fronts.

# Grombach Productions inc.

CREATION

PRODUCTION

DIRECTION

For eleven years we have been creating and producing radio programs for advertising agencies—network and spot—live and transcribed.

٠

We also furnish individual writing and direction service. What we have done for others we can do for you. Anything from a ONE MINUTE JINGLE to a STAR-STUDDED NETWORK PRODUCTION.

٠

If you have an idea or program of your own which you desire produced or directed, we are at your service.

Steinway Building

113 WEST 57th STREET

NEW YORK, N. Y.

Circle 6-6540

Representatives in

LONDON

HOLLYWOOD

BOSTON

PARIS

Jean V. Grombach, inc.

RECORDING, MANUFACTURE AND DISTRIBUTION OF ELECTRICAL TRANSCRIPTIONS

### **Program Producers**

#### Adradio Associates

11 West 42nd St., New York, N. Y. Phone, Longacre 5-7060. Account Executive, H. Curtis Colby; Sales & Production Manager, Fulton Dent; Continuity Editor, Miles Overholt. SERVICES OFFERED: Program and spot announcement ideas, free lance script writing and production.

### Advertisers Recording Service, Inc.

113 West 57th Street, New York, N. Y. Phone, CIrcle 6-0141. President, James A. Miller; Secretary-Treasurer, George R. Smith; Ass't Secretary-Treasurer, E. B. McCutchcon; Sales Department, Norman Winters, Arthur H. Hope. SER-VICES OFFERED: Program production, Millertape editing, wax and instantaneous recording, studio rental.

Aerogram Corporation

1611 Cosmo St., Hollywood, Cal. Phone, Gladstone 4848. General Manager, G. Curtis Bird. REGIONAL REPRESENTA-TIVES: Charles J. Basch, Jr., 171 Madison Ave., New York, N. Y. Phone, MUrray Hill 4-4717. Jones & Hawley, 228 N. LaSalle St., Chicago, Ill. Phone, State 5096. F. R. Jones, Scott Kingwill, Jones & Hawley. Bulkley Building, Cleveland, Ohio. Phone, Prospect 2922. Alonzo Hawley. SERVICES OFFERED: Transcribed programs built on order, transcribed syndicated programs, program merchandising, production, scripts, air checks, studio rental, all types of lateral recording.

J. T. Ainley Co.

360 N. Michigan Ave., Chicago, Ill. Phone, State 1833. President, J. T. Ainley; Director, Charles D. Penman; Script Editor, Courtenay Savage. SERVICES OFFERED: Program production.

Air Features, Inc.

247 Park Ave., New York. Phone, Wickersham 2-0077.

#### Air Programs, Inc.

441 Madison Avc., New York, N. Y. Phone, PLaza 3-1967. President, Alan Rinchart; Vice-President, Edgar Belmont; Secretary, George Hamilton Combs. SERVICES OFFERED: Program production.

#### Albany School of Cooking

13 Fern Ave., Albany, N. Y. Phone, 2-7291. Director, Jennie N. Parkinson. SERVICES OFFERED: Production of cooking school of the air.

#### Alton Alexander

1270 Sixth Ave., New York, N. Y. Phone, Columbus 5-1621. SERVICES OF-FERED: Production, scripts, direction of both live talent and transcribed programs.

#### Norman Alexandroff Artists Bureau

410 S. Michigan Ave., Chicago, Ill. Phone, Wabash 6762. Manager, Norman Alexandroff; In Charge of Production, Jack Reidy; Scripts, Aline Neff and Jack Reidy; Dramatic Instructor, Clark Willia; Production, U. S. Allen. SERVICES OFFERED: Program production.

#### Allied Radio Associates, Inc.

724 Fifth Ave., New York, N. Y. Phone, Circle 6-5240. Sales Manager, Paul Wimbish; Production Manager, Irving Strouse; Account Executive, E. Ellsworth. SERVICES OFFERED: Program production.

#### American Institute of Food Products

75 West St., New York, N. Y. Phone, WHitehall 4-7303. President, Dr. Shirley W. Wynne; General Manager, Robert A. Bories; Production Manager, Merton H. Bories; Merchandising Manager, Herman F. Kartluke. SERVICES OFFERED: Origination, writing and preduction of programs specializing in food and kindred accounts.

#### American-Jewish Broadcasting Co.

86 Chambers St., New York, N. Y. Phones, Worth 2-3322, REctor 2-5341. President, Herman Younglieb; Vice-President-Treasurer, Maurice Rappel; Secretary, Ann Barbinel. SERVICES OFFERED: Program production, script and transcription library.

American Royal Productions

1622 Harrison St., Oakland, Calif. Phone, Higate 3738. SERVICES OF-FERED: Commercial recording and transcription service, dramatized announcements, custom-built shows.

AMP Recording Studios, Inc.

151 West 46th St., New York, N. Y. Phone, BRyant 9-1247. President C. M. Finney; Vice-President & Chief Engineer, K. R. Smith; Vice-President & Recording Director, Ben Selvin; Sales Manager, David F. Crosier. SERVICES OFFERED: Studio recordings, off-the-line recordings, air-checks, vertical and lateral recordings, program consultants.

Arnaiz Broadcasting Co.

206 S. Spring St., Los Angeles, Calif. Phone, MUtual 8837. President-Manager, R. B. Arnaiz; Secretary, J. G. Cabrera. SERVICES OFFERED: Program production.

Asch Recording Studios

117 West 46th St., New York, N. Y. Phone, BRyant 9-3137. President, Moe Asch. SERVICES OFFERED: Off-theair and off-the-line transcriptions, com-

mercial records, transcriptions, recordings and production.

Arthur H. Ashley

457 West 57th St., New York, N. Y. Phone, Columbus 5-8540. Owner, Arthur H. Ashley; General Manager, Gene Falconi; Office Manager, Louise Sesti. SERVICES OFFERED: Foreign language program production, specializing in Italian, Jewish, Polish and Spanish for South America; scripts and continuity; recording; talent.

Associated Broadcasting Co.

817 E. 92nd St., Chicago, Ill. Phone, Triangle 2244, Aberdeen 0184. Director, Frank J. Kovach. SERVICES OFFERED: Script writing, transcriptions, recordings, continuities and recorded library, foreign-language (Hungarian) program production.

Associated Broadcasting Co., Ltd.

Dominion Square Bldg., Montreal, Que., Canada. Phone, Belair 3325. President, M. Maxwell; Vice-President, M. Feldman; Secretary-Treasurer, G. Ticktin; Sales Director, L. Chodos; Program

### WILSON, POWELL and HAYWARD, Inc.

444 MADISON AVENUE, NEW YORK CITY

\* \* \*

ARTISTS' REPRESENTATIVES

RADIO PRODUCERS

Production, M. Krushan; Script Director, J. Fuller; Talent Director, J. Winter; French Director, J. O. Denis; French Scripts, R. Desrochers; Recording Department, J. Feldman. SERVICES OFFERED: Production of live-talent shows in English and French, recordings of programs and spots, scripts.

Associated Music Publishers, Inc.

25 West 45th St., New York, N. Y. Phone, BRyant 9-0847. President C. M. Finney. SERVICES OFFERED: Transcriptions, library, production, scripts, recording facilities, both vertical and lateral.

#### **Associated Releases**

1125 N. Hudson Ave., Hollywood, Calif. Phone HOllywood 2686. Producer, Arthur Solomon; Associate Producer, Al H. Sherman; Writer, George A. Arthur. SERVICES OFFERED: Program production and scripts.

Associated Transcriptions of Hollywood

5636 Melrose Avc., Hollywood, Cal. Phone, Hillside 4229. Manager, Harry F. Walstrum. SERVICES OFFERED: Electrical Transcriptions, off-the-air recordings, phonograph recordings, custombuilt transcriptions, production scripts.

#### David S. Ballou Productions

505 Nineteenth St., Merced, Calif. Phone, 1631. Owner, David S. Ballou. SERVICES OFFERED: Program production.

#### **Basch Radio Productions**

171 Madison Ave., New York, N. Y. Phone, MUrray Hill 4-4717. Sales Manager, Charles J. Basch, Jr.; Program Director, Frankie Basch; Production Manager, Emanuel Demby; Publicity Director, William Kitay. SERVICES OFFERED: Complete program building service; ideas, scripts, talent and production on live and transcribed programs; custom and syndicated recordings; Eastern Representative for Acrogram Corp. and Twentieth Century Radio Productions.

#### Batchelor Enterprises, Inc.

1270 Sixth Ave., New York, N. Y. Phone, CIrcle 6-4224. President, Walter Batchelor; Director of Radio, Howard Reilly. SERVICES OFFERED: Program production.

#### **Beck Recording Studios**

1722 Hennepin Ave., Minneapolis, Minn. Phone, Atlantic 8901. Managing Director, Joseph H. Beck; Assistant Manager, R. Castle Brown; Sales Manager, W. G. Bretson; Office Manager, Giles Miller. SERVICES OFFERED: Producers of electrical recordings and transcriptions for radio broadcast; program building; scripts, talent; production; audition service; off-the-air recordings; complete service in the production of sound film in black and white and in natural color.

#### Herman Bernie, Inc.

1270 Sixth Avc., New York, N. Y. Phone, COlumbus 5-6647. President, Herman Bernie; Secretary-Treasurer, Dorothy Menzin. SERVICES OFFERED: Program production of package shows.

#### Walter Biddick Co.

Chamber of Commerce Bldg., Los Angeles, Cal. Phone, Richmond 6184. Manager, M. Thompson. BRANCH OF-FICES: Russ Bldg., San Francisco, Cal. Phone, Sutter 5415. SERVICES OF-FERED: Transcriptions, production.

Joseph Bloom

19 West 44th St., New York, N. Y. Phone, VAnderbilt 6-5080. President, Joseph Bloom. SERVICES OFFERED: Program production.

Broadcasters Mutual Transcription Service, Inc.

818 South Kingshighway Blvd., St. Louis, Mo. Phone, Franklin 2060. President, J. Frank Eschen; Vice-President, James M. Althouse; Sceretary-Treasurer, C. E. Harrison. REPRESENTATIVES: Walter Biddick Co., 568 Chamber of Commerce Bldg., Los Angeles, Calif.; Charles Michelson, 545 Fifth Ave., New York, N. Y.; Radioaids, Inc., 1041 North Las Palmas, Hollywood, Calif. SERVICES OFFERED: Transcribed productions and scripts, talent, and program service.

### Broadcast Producers of New York, Inc.

18 E. 49th St., New York, N. Y. Phone, ELdorado 5-9300. General Manager, George W. Dan Jonas. SERVICES OFFERED: Dramatized spot announcements, audition. off-the-air, custom and live show recording for spot advertisers, foreign language spots, domestic and foreign, exclusive rehearsal recordings and transcriptions on WOV; rehearsal and broadcast recordings on WABC.

#### PROGRAM PRODUCERS

#### **Broadcast Productions**

25 East Jackson Blvd., Chicago, Ill. Phone, Wabash 0711. Director, John Stamford; Assistant Director, Bryce Talbot. SERVICES OFFERED: All types of programs produced. Electrical transcriptions and recordings.

#### Curtis Brown-Alan Collins, Inc.

347 Madison Ave., New York, N. Y. Phone, MUrray Hill 6-6170. Vice-President, Frank Chase. SERVICES OFFERED: Program production.

The Bruce Chapman Co.

145 West 41st St., New York, N. Y. Phone, Wisconsin 7-2179. President, Bruce Chapman. SERVICES OFFERED: Production, scripts.

#### Kenneth Burton

75 Banks St., New York, N. Y. Phone, WAtkins 9-8864. SERVICES OFFERED: Program production and direction.

#### C. K. Recorders

3814 S. E. 26th Ave., Portland, Ore. Phone, East 4858. President and General Manager, P. O. Clark; SecretaryTreasurer, N. K. Clark; Engineer, J. E. Maley. BRANCH OFFICE: 917 S. W. 9th Ave., Portland, Ore. Phone, At. 3454. SERVICES OFFERED: Transcriptions, spot announcements, advertising specialties, musical programs, composition work.

Chicago Recording Studios

64 E. Jackson Blvd., Chicago, Ill. Phone, Webster 7288. SERVICES OF-FERED: Transcriptions, spot announcements, off-the-air and off-the-line recordings, studio recordings, script and production service.

#### Carle Christensen Recording Studios

306 S. Wabash Ave., Chicago, Ill. Phone, Wabash 7069. Manager, Carle A. Christenson; Script Department, Avis Lennon; Technician, Ted Morris. SER-VICES OFFERED: Scripts, production, talent, transcriptions, off-the-air recordings, phonograph records.

#### Leslie Clucas

333 North Michigan Ave., Chicago, Ill. Phone, Franklin 7100. SERVICES OF-FERED: Program production of package shows.

### HENRY JOUVAINE INC.

33 ROCKEFELLER PLAZA, NEW YORK CITY

SPECIALISTS FOR RADIO

TALENT

SCRIPTS

PROGRAMS

RECORDINGS

#### **Ted Collins Corporation**

1819 Broadway, New York, N. Y. Phone, CIrcle 7-0094. President, Program Director and Producer, Ted Collins; Director of Public Relations, William P. Maloney; Production, Sylvan Taplinger; Musical Director, Jack Miller; Choral Director, Ted Straeter; Writers, Jean Holloway and Jane Tompkins; Talent, Sam Schiff; Musical Arranger, Tony Gale. SERVICES OFFERED: Program building and producing.

#### Columbia Artists, Inc.

485 Madison Ave., New York, N. Y. Phone, Wickersham 2-2000. Vice-President, Herbert I. Rosenthal: Vice-President, I. S. Becker. BRANCH OFFICE: Wrigley Bldg., Chicago, Ill. Phone, Whitehall 6000. Executive-In-Charge, Robert M. Haffer. SERVICES OFFERED: Program production, scripts.

#### **Commercial Broadcasters**

192 N. Clark St., Chicago, Ill. Phone, Dearborn 0203-0533. Owner, Dave Edelson. SERVICES OFFERED: Program production.

#### Commercial Broadcasting Service, Ltd.

Hermant Bldg., Toronto, Ont., Canada. Phone, Elgin 3345. President, E. A. Byworth; Vice-President, H. R. Johnston; Secretary-Treasurer, A. G. Irwin; Program Department, S. K. Smith; Script Department; A. D. Wigmore. SERVICES OFFERED: Live talent production, syndicate transcriptions, custom recordings, time placements.

#### The Jack L. Cooper Radio Advertising Service

4237 Indiana Ave., Chicago, Ill. Phone, Oakland 2504, Beverly 2056. Producer, Jack L. Cooper; Secretary-Musical director, Gertrude R. Cooper. SERVICES OFFERED: Program (Negro) production.

#### Cornish Recording Studio

(Cornish School Radio Department) 710 East Roy St., Seattle, Wash. Phone, Capitol 1400. Manager, Donald MacLean; Assistant Manager, Ralph Turner; Engineer, Roger Jacobson. SERVICES OFFERED: Wax and acetate recordings and transcriptions, off-the-line and off-the-air transcriptions, air-checks, program production, scripts.

### Cosmopolitan Broadcasting Co.

7100 Broadway, Cleveland, Ohio. Phone, Diamond 3010, 0808. James J. Rattay, Paul Faut. SERVICES OF-FERED: Foreign language programs.

#### Paul Čruger

5800 Carlton Way, Hollywood, Calif. Phone, Hollywood 9352. General Manager, Paul Cruger; Copy Chief, Harry Wendland; Art Director, Elmer Davis; Musical Director, Darrell Calker. SER; WICES OFFERED: Custom built shows. commercial spots, live and transcribed, contests and merchandising campaigns.

#### Ernest Cutting's Talent Development Center

538 Fifth Ave., New York, N. Y. Phone, VAnderbilt 6-5995. Owner, Ernest Cutting. SERVICES OFFERED: Studio recordings, transcriptions, production, casting, direction.

#### Czech Broadcasting Service

307 N. Michigan Ave., Chicago, Ill. Phone, State 9344. President and Managing Director, Adele J. Fiala. SER-VICES OFFERED: Preparation and production of Czech, Slovak and other foreign language programs.

#### Frank C. Dahm

501 Madison Ave., New York, N. Y. Phone, PLaza 3-5320. SERVICES OFFERED: Program production, scripts.

#### Thomas J. Deegan, Jr.

590 Madison Ave., New York, N. Y. Phone, PLaza 8-0989. Personnel, Thomas J. Deegan, Jr., Joseph D. Pyle, Philip E. Worth, Elizabeth Ward. SERVICES OFFERED: Program production, scripts.

#### Alfred Dixon Radio Features

424 Madison Ave., New York, N. Y. Phone, PLaza 8-1246. President, Alfred Dixon; Scripts and Continuity, Hume Dixon; Publicity-Promotion, Cy Newman; Business Manager, A. J. Hammer slough; Production, Joseph S. Cunningham. SERVICES OFFERED: Program production, scripts.

#### Dolan & Doane, Ltd.

1270 Sixth Ave., New York, N. Y. Phone, COlumbus 5-1538. President, Ken Dolan; Vice-President. James Doane; Associates, Colton C. Cronin,

Saul Reiss; Secretary, Edith Szabo. BRANCH OFFICE: 8905 Sunset Blvd., Hollywood, Calif. Phone, CRestview 1-9185. SERVICES OFFERED: Program production, package shows.

Dominion Broadcasting Co.

4 Albert St., Toronto, Ont., Canada. Phone, Adelaide 3383. General Manager, Hal B. Williams; Transcription Division Manager, Don H. Copeland. Production Manager, Stan Francis; Script Department, Dean Hughes. SERVICES OFFERED: Scripts, live talent productions, transcriptions and recordings, air checks.

#### Walter P. Downs

2313 St. Catherine St., West Montreal, Que., Canada. Phone, Wellington 4218. General Manager, Walter P. Downs; Production, Ed Berkley; Purchasing, R. F. Brown; Chief Engineer, A. Ewing: Office Manager, Marion Hould. SERVICES OFFERED: Syndicated transcribed programs, custom-built transcriptions, production, recording, direct wire service for auditions, representative for American program producing and transcription firms.

#### Draesemer Radio Productions

706 South Detroit St., Los Angeles, Calif. Phone, WAlnut 4528. Writer-Producer, Marie Isabel Draesmer. SER-VICES OFFERED: Personalized building of shows for sponsors or advertising agencies, talent, coaching of talent, preparation of auditions, continuity conferences.

Harry S. Dube

1270 Sixth Ave., New York, N. Y. Phone, Columbus 5-7035. Manager, J. Knight. SERVICES OFFERED: Scripts, production, talent.

#### Earnshaw Radio Productions

1675 N. St. Andrews Place, Hollywood, Calif. Phone, GLadstone 2555. President, Harry A. Earnshaw; Vice-President, Fenton Earnshaw; Secretary-Treasurer & General Sales Manager, H. Lewis Earnshaw. REPRESENTATIVE: Charles Michelson. 67 West 44th St., New York, N. Y. SERVICES OFFERED: Transcribed programs, script serial programs.

radio production

## WOLF ASSOCIATES, Inc.

in all its phases

FDWARD WOLF, General Manager

RKO BLDG

RADIO CITY, N Y.

CO!umbus 5-1621

Eccles Disc Recordings, Inc.

6233 Hollywood Blvd., Hollywood, Calif. Phone, HIllside 8351. President. R. T. Conroy; Vice-President, C. R. Douglas; Secretary-Treasurer, R. W. Conroy; General Manager, C. R. Alford. BRANCH OFFICE: 632 Polk St. San Francisco, Calif. Phone, Ordway 0313. Executive-in-Charge, V. Harman. SER-VICES OFFERED: Transcriptions, air-checks, program production, transcription library.

W. M. Ellsworth

75 East Wacker Drive, Chicago, Ill. Phone, Central 0942, President, W. M. Ellsworth. SERVICES OFFERED: Custom transcriptions, radio programs, script shows, talent.

Empire Broadcasting Corporation

480 Lexington Ave., New York, N. Y. Phone, PLaza 8-3360. President-Treasurer, Gerald A. Kelleher; Vice-President-General Manager. Eugene L. Bresson; Secretary, J. Howard Capron. SERVICES OFFERED: Syndicated transcribed programs, custom-built transcriptions, production, scripts, talent and complete recording facilities.

Fanchon & Marco

133 West 50th St., New York, N. Y. Phone, Circle 7-5630. Radio Director, Samuel Shayon; Publicity, Dorothy Haas. SERVICES OFFERED: Production, talent.

Fields Brothers Radio Corporation

Equitable Bldg., Hollywood, Calif. Phone, HOllywood 7305. President, Leo Fields; Executive Vice-President, Harry David Fields; Secretary, E. B. Hazelton. SERVICES OFFERED: Producers of custom-built radio shows, live and transcribed.

Stanley C. Florsheim & Co.

75 East Wacker Drive, Chicago, Ill. Phone, Franklin 1954. SERVICES OF-FERED: Syndicated radio programs.

Irving Fogel & Associates

1041 N. Las Palmas, Hollywood, Calif. Phone, Hollywood 5107. Irving Fogel. REPRESENTATIVES: Francis J. Sullivan, 69 Yonge St., Toronto, Ont., Canada. Phone, Elgin 4086; U. S. Recording Co., 712 11th St., N. W., Washington, D. C. Phone, District 1640. Herbert

Rosen, 11, Rue Fonders, Marseilles, France. SERVICES OFFERED: Production of live and transcribed radio presentations.

Fox Features Syndicate, Inc.

247 Park Ave., New York, N. Y. Phone, PLaza 8-0100. President-Managing Editor, Victor S. Fox; Business Manager, S. Sidney Robbins; Promotion Manager, John McGrail. BRANCH OFFICE: 6305 Yuca St., Hollywood, Calif. Phone, Hillside 6125. Executive-in-Charge, Mitchell J. Hamilburg. SERVICES OFFERED: Transcriptions, production.

#### Furness-Beattie Radio Productions Co.

712 Eleventh St., N. W., Washington, D. C. Phone, Republic 1681. Business Manager, Nan Furness; Production Director-Script Editor, Daniel C. Beattie; Commercial Manager, O'Connor B. Woodward; Chief Engineer, Joseph Tait; Musical Director, Sid Willoughby. SER-VICES OFFERED: Program production, scripts, transcriptions.

General Amusement Corp.

1270 Sixth Ave., New York, N. Y. Phone, CIrcle 7-7550. In-Charge-of-Radio, Frank Cooper; Harry Hoff. BRANCH OFFICES: 9028 Sunset Blvd., Hollywood. Calif. Phone, Crestview 1-8101. Executive - In - Charge, Ralph Wonders: 360 N. Michigan Ave., Chicago, Ill. Phone, State 6288. SERVICES OFFERED: Program production, package shows.

General Broadcasting System

500 Buhl Bldg., Detroit, Mich. Phone, Cherry 0400. President. Donald C. Jones: Vice-President-Sales Manager, Raymond C. Leonard; Production Manager, Richard P. Creyke. BRANCH OFFICE: Rockefeller Bldg., Cleveland, Ohio. Phone, Prospect 4900. Manager, Bob Haviland. SERVICES OFFERED: Custom - built transcriptions, production, script, recording, talent, off-the-wire and off-the-air recordings.

William Gernannt

521 Fifth Ave., New York, N. Y. Phone, VAnderbilt 6-1750. SERVICES OFFERED: Package shows.

Ghostwriters Bureau

17 East 49th St., New York, N. Y. Phone, Wickersham 2-8996. Director, Fred E. Baer. SERVICES OFFERED:

#### PROGRAM PRODUCERS

Writing of speeches, trade journal and general magazine articles, pamphlets and all forms of commercial literature.

#### John Gibbs & Co.

9 Rockefeller Plaza, New York, N. Y. Phone, Circle 5-8521. Owner, John Gibbs; Director, Axel Gruenberg; Casting Director, Allie Booth. SERVICES OFFERED: Program production, scripts.

#### Graham Gladwin, Ace Productions

742 Market St., San Francisco, Calif. Phone, Sutter 4464. Manager-Producer, Graham Gladwin; Chief Engineer, Robert Bell. REPRESENTATIVE: Bonnie Binetti, 411 Patterson Bldg., Fresno Calif. Phone, 3-6082. SERVICES OFFERED: Program and spot announcement production and transcriptions.

#### Arthur M. Godfrey Productions

808 Earle Bidg., Washington, D. C. Phone. Metropolitan 3200. Owner, Arthur M. Godfrey; Secretary, M. Richardson. SERVICES OFFERED: Program production.

#### Harry S. Goodman Radio Productions

19 East 53rd St., New York, N. Y. Phone, WI. 2-3338. SERVICES OF-FERED: Program production for live talent and transcribed shows; syndicated radio programs.

### Gordon Broadcasting & Publishing Co.

355 S. Broadway, Los Angeles, Calif. Phone, Ma. 8620. Producer, Edgar Gordon. SERVICES OFFERED: Program production, English and Spanish-language.

#### Gordon & Williamson, Inc.

1270 Sixth Ave. New York, N. Y. Phone, CIrcle 6-7480. President, Fred C. Williamson; Secretary - Treasurer, Herbert Gordon. SERVICES OFFERED: Production, scripts, talent.

#### Lillian Gordoni Radio Productions

Hotel Crillon, 1258 S. Michigan Blvd., Chicago, Ill. Phone, CAlumet 6700-6979. Owner-Manager, Lillian Gordoni;

### AIR FEATURES, Inc.

247 PARK AVENUE

**NEW YORK CITY** 

Recording Engineer, Stan Gordoni; Musical Director, Gwynne Kinsley; Dramatic Director, Herb Slade, Jo Sherman; Talent, Irving Hoffman SERVICES OFFERED: Recording, transcriptions, spot dramatizations, continuity, production and direction, audition studios, custombuilt programs.

#### Grand-Melville Co.

8782 Sunset Blvd., Hollywood, Calif. Phone, CRestview 6-6543. Executive Producer, C. E. Melville: Program Director, Stevenson Wilkinson; Associate Producers, Jerome Callahan, Donn Reed, Alan James, Ronnie St. Clair; Continuity Editor, Roger Quayle; Treasurer, Thomas M. Conway; Secretary, J. B. Wadsworth; Sales (Western Division), Myron Sunde; Musical Director, Gene James. BRANCH OFFICE: 220 W. 42nd St., New York, N. Y. Phone, WIsconsin 7-9834. Sales Director, George H. Callaghan. SERVICES OFFERED: Program production.

#### Jean V. Grombach, Inc.

113 West 57th St., New York, N. Y. Phone, CIrcle 6-6540. President, Jean V. Grombach; Treasurer, Margaret Kearney; Chief Recording Engineer, Hazard E. Recves; Music Rights, Joseph Corhan. REPRESENTATIVES: 8 Newberry St., Boston, Mass. Manager, James Murley, 6200 Franklin Ave., Los Angeles, Cal. Manager, Galen Bogue. 50 New Bond St., London, England, Manager, Leslie Kettles. Rue de Lorette, Paris, France. Manager, Andre Oulmann. SERVICES OFFERED: Production, recording, manufacture and distribution of electrical transcriptions, high-fidelity wax recordings for rebroadcast purposes, spot announcements.

#### Grombach Productions, Inc.

113 West 57th Street, New York, N. Y. Phone, CIrcle 6-6540. President, Jean V. Grombach; Executive Vice-President, Chester H. Miller; Treasurer-Assistant director (drama), Margaret Kearney; Assistant Director (music), Joseph Corhan. REPRESENTATIVES: 8 Newberry St., Boston, Mass. Manager, James Murley. 6200 Franklin St., Los Angeles, Calif. Manager, Galen Bogue. 50 New Bond St., London, England. Manager, Leslie Kettles. Rue de Lorette, Paris, France. Manager, Andre Oulmann. SERVICES OFFERED: Unit productions (package shows), program creation, production, scripts, casting directing, live talent or transcribed programs, television production.

#### Ubaldo Guidi's Italian Radio Programs

261 Hanover St., Boston, Mass. Phone, Capitol 4035. Owner, Ubaldo Guidi. SERVICES OFFERED: Production, spot announcements.

#### Sam Hammer Radio Productions

2 West 45th St., New York, N. Y. Phone, MUrray Hill 2-0174. President, Sam Hammer; Vice-President in Charge of Production, Floyd Buckley; Vice-President in Charge of Script Department, Augustus Barrat; Women's Program Director, Eve VeVerka; Secretary and Recording Manager, Dr. Claude S. Hammock; Treasurer, C. F. Comly. SERVICE OFFERED Program Production.

#### Ted Hammerstein

150 West 46th St., New York, N. Y. Phone, LOngacre 5-9609. SERVICES OFFERED: Program production.

#### Hansen Associates

420 Lexington Ave., New York, N. Y. Phone, MUrray Hill 4-9823. General Manager, Robert R. Hansen. SERVICES OFFERED: Transcribed features, radio and television scripts, production.

#### Harvey & Howe, Inc.

919 North Michigan Ave., Chicago, Ill. Phone, Delaware 1155. President, W. S. Harvey, Jr.; Vice-President, Eleanor Howe. BRANCH OFFICES: 122 East 42nd St., New York, N. Y. Phone, Lexington 2-6910. SERVICES OFFERED: Planning and writing of women's programs, radio cooking schools, talent, transcriptions.

#### Sam Hayes

NBC Radio City, Hollywood, Calif. Phone, Hollywood 6161. SERVICES OF-FERED: Production of radio commentator programs, scripts.

#### Heffelfinger Radio Productions

522 Fifth Ave., New York, N. Y. Phone, VAnderbilt 6-2450. Manager, Radio Division, C. H. Pearson. BRANCH OFFICE: 924 Second Ave., S., Minneapolis, Minn. Phone, Bridgeport 4730. SERVICES OFFERED: Production of live and transcribed programs.

#### George Heid Productions

1005 Century Bldg., Pittsburgh, Pa. Phone, GRant 3696. Owner, George Heid: Manager, Irma Heid; Production Manager, James McGrew. SERVICES OFFERED: Program production, continuity, recording, transcriptions.

Hispano Broadcasting Co.

105 E. First St., Los Angeles, Calif. Phone, Michigan 4433. Manager, Tony Sein. SERVICES OFFERED: Spanish programs, live and transcribed.

> Hollywood Chatterbox **Enterprises**

5513 Sunset Blvd., Hollywood, Calif. Phone, Hillside 3097. President-General Manager, Frank Robinson Brown; Vice-President & Production Manager, H. Neal Phinney; Sound Engineer, John Hirsch; Chief Announcer, Ted Leonard; Office Manager, Edith Scollard. SER-VICES OFFERED: Transcribed programs, spot announcement continuity, air-checks, recordings.

Hollywood Transcript Co. 6625 Sunset Blvd., Hollywood, Calif. Phone, Gladstone 3323. Owner, Daniel O'Brien; Sales Manager, Mickey Ford. SERVICES OFFERED: Program production, scripts, transcriptions, record-

Intercontinental Audio-Video Corp.

9 Rockefeller Plaza, New York, N. Y. Phone, Circle 7-4560. President, Mark H. Hawley; Vice-President-General Manager, Winton L. Miller, Jr. SERVICES OFFERED: Electrical transcriptions of programs and spot announcements, auditions, program production, educational recordings.

#### International Radio Productions

20 East 57th St., New York, N. Y. Phone, PLaza 8-2600. General Manager, Loren L. Watson; New York Office Manager, Ed Harvey. BRANCH OFFICES: 326 West Madison St., Chicago, Ill. Phone, Central 4547. Western Manager, Ralph N. Weil; 512 Hearst Bldg., San Francisco, Calif. Phone, Douglas 2536. Pacific Coast Manager, John L. Livingston. SERVICES OFFERED: Program preduction.

### 1941 HOLDS GREAT PROMISE; LET US HELP YOU REALIZE IT

52 world-famous Bible Dramas; 15 hr.

WHAT WOULD YOU DO? . . . a bousewives' forum in which actual wives, mothers and homemakers discuss real problems in a practical way . . . 5 minutes.

LOOKING AT HOLLYWOOD . . . inside Hollywood in 5 minutes of friendly hanter between people who know.

THE SUNDAY PLAYERS OF HOLLYWOOD . . . . LEISURE HOUSE . . . most outstanding of all homemakers' daytime diamas: 14 hr.

> WADE LANE'S HOME FOLKS . . . now in its fourth consecutive year on KFWB: ¼ hr.

> HOLLYWOOD CALLING . . . Luana Logan in an intimate 5-minute spot that's different.

ALL OF THESE RECORDED . . . check for samples, prices and release dates.

Or your own idea, worked out with advertising intelligence, by veteran national advertising men who have no agency ambitions of their own but are content to work behind the scenes for your glory and success. We are specialists in dealer to operation programs.

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George L. Price, President

Engene F. Goldbach, Vice President

#### Italradio, Inc.

193 Hanover St., Boston, Mass. Phone, apitol 3407. President - Treasurer, Capitol 3407. Silene M. Irving; Secretary, Rinaldo Fiato. SERVICES OFFERED: Creation, direction and production of Italian and English programs.

#### Jewish Radio Zone Advertising Co.

110 West 40th St., New York, N. Y. Phone, PEnnsylvania 6-0043. President. Benjamin Waxelbaum; Manager, Dorothy Fineman. SERVICES OFFERED: Production of Jewish-language programs, station representation for Jewish programs and commercials.

#### Archie Josephson Enterprises, Inc.

6313 Bryn Mawr Drive, Hollywood, Calif. Phone, Gladstone 6802. President-General Manager, Archie Josephson. SERVICES OFFERED: Transcribed programs.

#### Kasper-Gordon Studios, Inc.

140 Boylston St., Boston, Mass. Phone. Devonshire 7357. President and Production Manager, Edwin H. Kasper; Treasurer and Director of Commercial Dept., Aaron S. Bloom: Recording Manager. ager, E. N. Buzzell; Scripts-Production, Robert W. Graham, Hanley W. Norins, Albert P. Burke. SERVICES OFFERED: Custom-built transcriptions, syndicated transcriptions, studio recordings, airchecks, program production, scripts, talent, air-checks.

#### Kent-Johnson, Inc.

34 West 53rd St., New York, N. Y. Phone, PLaza 3-7246. President, Alan Kent; Executive Vice-President, Austen Groom-Johnson; Treasurer, August Tozzi, Jr.; Secretary, Abraham Males. SERVICES OFFERED: Program and spot announcement production.

#### King-Trendle Broadcasting Corp.

1700 Stroh Bldg., Detroit, Mich. Phone. Cherry 8321. President-Treasurer, George W. Trendle; General Manager-Secretary, H. Allen Campbell; Commercial Manager, Harry Sutton, Jr.; Advertising-Sales Promotion Manager, Charles C. Hicks; Traffic Manager, James G. Riddell. SER-VICES OFFERED: Program production.

#### Landau Broadcasting Service

270 Broadway, New York, N. Y. Phone, President, REctor 2-5341. Herman Younglieb. SERVICES OFFERED: Original foreign-language programs and production, talent.

#### Langlois & Wentworth, Inc.

420 Madison Ave., New York, N. Y. Phone, ELdorado 5-1620. President, C. O. Langlois; Secretary-Treasurer, R. C. Wentworth; Talent, W. O'Keefe. SER-VICES OFFERED: Specialized service for advertisers and advertising agencies of commercial radio programs, both live and recorded, dramatic and musical. Facilities for writing, casting and production.

#### Lang-Worth Feature Programs, Inc.

420 Madison Ave., New York, N. Y. Phone, ELdorado 5-1620. President, R. C. Wentworth; Secretary-Treasurer. O. Langlois; Talent, W. O'Keefe. SER-VICES OFFERED: Syndicated transcribed programs for regional and local advertisers. Producers of Lang-Worth Planned Program Service, a library of tax-free music in transcription form.

#### Lippe & Lazarus Productions

407 North Sycamore, Los Angeles, Calif. Phone, Walnut 2445. General Manager, M. M. Lippe; Writer, Erna Lazarus. SERVICES OFFERED: Transcriptions. custom-built programs, scripts, talent.

Phillips H. Lord, Inc.
501 Madison Ave., New York, N. Y.
Phone, Wickersham 2-2211. President, Phillips H. Lord. SERVICES OFFERED: Production of live talent programs.

#### Estelle Lutz Artists Bureau

410 South Michigan Ave., Chicago, Ill. Phone, Harrison 3435. Owner-Manager, Estelle A. Lutz. SERVICES OFFERED: Scripts, live talent, musical and dramatic productions.

#### Alexander McQueen

185 East Chestnut St., Chicago, Ill. Phone, Superior 9139. Manager, Alexander McQueen; Secretary-Script Writer, E. R. Junge. SERVICES OFFERED: Program productions, scripts, research, spot announcements.

#### C. P. MacGregor

So. Western Ave., Hollywood, Phone, Fitzroy 4191. President, 729 Calif. C. P. MacGregor; Treasurer, Paul Quan;

Sales Manager, Niles Gates. SERVICES OFFERED: Transcription library productions; dramatic and musical eustombuilt programs; recording studios.

#### Metro Artists Bureau

1650 Broadway, New York, N. Y. Phone, Circle 7-2829. Director, Ted Nelson; Personnel, Rudy Feiman, Lou Grant, Ben Greene. SERVICES OFFERED: Program production, scripts, transcription and live-talent package shows.

#### Metropolitan Broadcasting Service Limited

Hermant Bldg., Toronto, Ont., Canada. Phone, Adelaide 0181. President, Ken Soble; Manager, James A. Paul; Sales Manager, Paul Morris; Program Director, "Doc" Lindsey; Engineer, Alexander Patterson. BRANCH OFFICE: 813-A Drummond Bldg., Montreal, Que., Canada. Phone. Harbour 5838. Executive-in-Charge. James M. Vernon. SERVICES OFFERED: Program production, scripts, direction, recorded programs, talent.

#### **Charles Michelson**

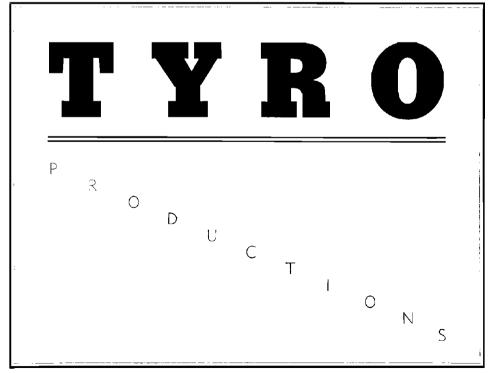
67 West 44th St., New York, N. Y. Phone, MUrray Hill 2-3376. President, Charles Michelson. Representative for: Speedy-Q Sound Effect Records, Earnshaw Radio Productions, Porto-Playback Co. and Walter Biddick Co. SERVICES OFFERED: Transcribed program representative, sound effect record library, program production, transcriptions and transcription library.

#### Michelson & Sternberg, Inc.

116 Broad St., New York, N. Y. Phone, BOwling Green 9-8925-6. President, Aaron Michelson; Vice-President, Charles Michelson; Assistant Treasurer, Martin Diamond. SERVICES OFFERED: Exporters of transcription programs and sound effect records.

#### Microphone Playhouse

151 N. Craig St., Pittsburgh, Pa. Owner-Director, Marjory Stewart; Secretary, Ella W. Rumsey. SERVICES OFFERED: Program production, scripts.



#### Mid-West Transcriptions, Inc.

4835 Minnetonka Blvd., St. Louis Park, Minn. Phone, Walnut 9131. President, H. D. Field; Manager-Recording Engi-neer, K. L. Seuker. SERVICES OF-FERED: Custom-built programs, complete transcription service, programs, scripts, talent, production.

#### George Miller Productions. Inc.

P. O. Box 506, Culver City, Calif. Managing Director, George Miller; West Coast Sales Director, B. Schaff; Eastern Sales Director, Robert E. Gresham. BRANCH OFFICE: P. O. Box 505, Hannibal, Mo. SERVICES OFFERED: Project gram production, transcriptions, script and transcription library.

#### Mode-Art Pictures, Inc.

1020 Forbes St., Pittsburgh, Pa. Phone, GRant 2995. President, J. L. Baker; Sales Manager, A. H. Schwerin. SERVICES OFFERED: Program production, transcriptions.

#### Modern Productions

643 Glendora Ave., Akron, Ohio. Phone, HEmlock 9967. General Manager, Dr. Secrest Williams; Script Writer, Clyde Mason; Program and Talent Manager, Holly Long. SERVICES OFFERED: Program production.

Moonbeams Broadcasts, Inc. 1440 Broadway, New York, N. Y. LOngacre 5-8005. President. Secretary-General Shackley; Manager, Lillian Stewart; Publicity Director, Gilbert Braun. SERVICES OF-FERED: Musical and script programs; transcriptions, talent.

#### Raymond R. Morgan Co.

6362 Hollywood Blvd., Hollywood, Cal. Phone, Hempstead 4194. President, Raymond R. Morgan; Manager, R. E. Messer; Program Director, John Nelson, SER-VICES OFFERED: Program production.

#### C. D. Morris Associates, Inc.

Hotel Chatham, New York, N. Y. Phone, PLaza 3-4144. President, C. D. Morris; Vice-President, C. M. Widney; Production Director, Leonard Bercovici; Casting Director, Robert Sloane. BRANCH OFFICE: 431 S. Dearborn St., Chicago, Ill. Phone, Wabash 4048. Executive-in-Charge, C. M. Widney. SERVICES OFFERED: Program production FERED: Program production.

#### **Hoyt Evans Morris**

2515 Barlum Tower, Detroit, Mich. Phone, Cherry 6622. President, Hoyt Evans Morris; Transcription-Production. Richard Andrus; Scripts-Production, Robert Powell. SERVICES OFFERED: Program production, transcriptions script and transcription library.

#### William Morris Agency, Inc.

1270 Sixth Ave., New York, N. Y. none, CIrcle 7-2160. Executive-in-Charge of Radio, William B. Murray. BRANCH OFFICES: 203 N. Wabash Ave., Chicago, Ill. Phone, State 3632. Executive-in-Charge, Wallace Jordan; 202 N. Canon Drive, Beverly Hills, Calif. Phone, Crestview 1-6161. Executive-in-Charge, George Gruskin. SERVICES OF-FERED: Production of package shows.

#### Sidney P. Morse

162 N. State St., Chicago, Ill. Phone, Dearborn 1863. Personnel, Sidney P. Morse, James J. Henshel, Al Marney, Duke Yellman, S. Lawson. SERVICES OFFERED: Program production.

#### Music Corporation of America

745 Fifth Ave., New York, N. Y. Phone, WIckersham 2-8900. Executive Vice-President, William R. Goodheart, Jr.; Vice-President, David A. Werblin; Vice-President, Charles Miller; Vice-President, W. H. Steir; Vice-President-Radio Director, Harold Hackett. BRANCH OFtor, Harold Hackett. BRANCH OF-FICES: 430 N. Michigan Ave., Chicago, Ill. Phone, Dclaware 1100. Manager, Maurie Lipsey; MCA Square, Beverly Hills, Calif. Phone, Bradshaw 23211. President J. C. Stein, Manager, Taft Schreiber, In Charge of Radio, Walter Johnson; 111 Sutter St., San Francisco, Calif. Phone, Exbrook 8922. Manager, Arthur Park, Jr.; Union Commerce Bldg., Cleveland Ohio. Phone. Cherry 6010. Cleveland, Ohio. Phone, Cherry 6010. Manager, DeAry G. Barton; Tower Petroleum Bldg., Dallas, Texas. Phone 2-1448. Manager, Norman Steppe. SER-VICES OFFERED: Production, package shows, talent.

#### E. K. Nadel

1600 Broadway, New York, N. Y. Phone, Circle 6-8949. General Manager, E. K. Nadel; Assistant Manager, Tom Kirby; Art Department Manager, Frank Smith; Treasurer, Marian Mack. SERVICES OFFERED: Program production.

#### Robert S. Nash Co.

5437 Lisette Ave., St. Louis, Mo. Phone, Flanders 4758. President, Robert S. Nash. SERVICES OFFERED: Transcriptions, scripts, talent, production, recordings, air checks, sound effects records.

#### National Broadcasters & Entertainers

Hotel Washington, Indianapolis, Ind. Phones, Lincoln 8131, Market 2541. Director, Kay Keiser; Radio Director, Charles Harrington; Musical Director, Pete French; Sales Manager, Harry Charleston; Secretary, Jacqualyn Chisman. BRANCH OFFICES: Stillwell Hotel, Anderson, Ind.; 203 N. Wabash, Chicago, Ill. Phone, State 2864. Representative, Kermit Dart. SERVICES OFFERED: Program production, scripts.

National Radio Advertising Agency

Hollywood Center Bldg., Hollywood, Calif. Phone, HEmpstead 1551. President, D. D. Crawford; Vice-President, J. D. Crawford. SERVICES OFFERED: Producers and distributors of transcribed programs.

#### The National Vocarium

610 Fifth Ave., New York, N. Y. Phone, CIrcle 7-5479. President-Director, Robert Vincent; Chief Engineer, William A. Savory. SERVICES OFFERED: Program production. transcriptions, voice library.

Nationality Broadcasting Association, Inc.

814 Carnegie Hall, Cleveland, Ohio. Phone, Main 4057. President, John M. Lewandowski; Vice-President, Joseph Pales; Executive Sccretary-Treasurer, Frederick Wolf; Assistant to President, Martin Antoncic. SERVICES OFFERED: Production of foreign-language shows, transcriptions.

### NBC Radio-Recording Division

Radio City, New York, N. Y. Phone, CIrcle 7-8300. Vice-President, C. Lloyd Egner; Business Manager, John H. Mac-Donald; Eastern Sales Manager, Robert W. Friedheim; Assistant Sales Manager, Willis B. Parsons; Production Manager, Reginald Thomas. BRANCII OFFICES: Merchandise Mart, Chicago, Ill. Phone,

# NEVILL & ROSS

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Creators of Radio Ideas
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COMPLETE FACILITIES FOR THE PRODUCTION AND MARKETING
OF EVERY TYPE OF RADIO SHOW FROM THE MINUTE
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Superior 8300. Manager, Frank E. Chizzini; Sunset and Vine St., Hollywood, Calif. Phone, Hollywood 6161. Manager, Robert F. Schuetz. SERVICES OFFERED: NBC Thesaurus Program Library, custom-built programs, simultaneous recordings of network and studio programs, recording service for advertisers and agencies, syndicated recorded programs, reference or audition recordings, NBC Orthacoustic transcriptions.

#### Nevill & Ross

48 West 48th St., New York, N. Y. Phone, LAckawanna 4-2067. Partners, Jack Nevill and Harry Ross. SERVICES OFFERED: Program production, package shows.

#### Lilian Okun, Inc.

15 Central Park, West, New York, N. Y. Phone, COlumbus 5-0060. President, Lilian Okun. SERVICES OFFERED: Program production, live and transcribed, talent, publicity, scripts.

#### Pacific Productions, Inc.

8780 Sunset Blvd., Hollywood, Calif. Phone, Crestview 5028. President, Frank W. Purkett. SERVICES OF-FERED: Preduction.

#### Pan American Broadcasting Co.

330 Madison Ave., New York, N. Y. Phone, MUrray Hill 2-0811. Manager, A. Alexander. REPRESENTATIVES: F. R. Jones, 228 N. La Salle St., Chicago, Ill.; Alonzo Hawley, 1635 East 25th St., Cleveland, Ohio. SERVICES OFFERED: Transcriptions, program production, script service, talent bookings for Latin American and export fields.

#### Parker-Piper Talent Productions

540 N. Michigan Ave., Chicago, Ill. Phone, Delaware 2277. Partners, Donna Parker, Peter Piper. SERVICES OFFERED: Productions, talent.

### Peterson Radio Production Co.

1457 Broadway, New York, N. Y. Phone, Wisconsin 7-0069. President, Donald Peterson; Production and Public Relations, Gilbert Braun; Script Manager, Ruth Travers. SERVICES OFFERED: Program planning, writing, producing and transcribing. Publicity, special sound effects.

#### Philantair Presentations

654 Madison Ave., New York, N. Y. Phone, REgent 7-1151. Director, D. I. Heller; Elizabeth Dell. SERVICES OFFERED: Program production.

#### Photo & Sound, Inc.

152 Kearny St., San Francisco, Calif. Phone, EXbrook 2103. President, Bartlett Heard; Vice-President, Melvin S. Jacobus; Vice-President, Lindsey Spight; Transcription Production Manager, John Wolfe; Sccretary, Norman Carlson; Chief Engineer, John Roseborough; Motion Picture Production, Marvin Becker, Tom Ayres; Production Assistant, Toni Jackson; Sales Promotion, Clay McDaniel; Recording Technician, Hugh Allen; Sound Effects, Bill Nye; Bookkeeper, Nellie Shields SERVICES OF STREET Shields. SERVICES OFFERED: Program and spot production, electrical transcriptions, air-checks, line-checks, personal recordings, sound effect library service, representative for sound manufacturers apparatus.

#### The Pittsburgh Star

904 Webster Ave., Pittsburgh, Pa. Phone, Court 3797. Director, A. Certo; Manager, A. R. Certo; Musical Director, Salvatore Certo. SERVICES OFFERED: Program production.

#### Polish Radio Program Bureau

11301 Joseph Campau Ave., Hamtramck, Mich. Phone, Townsend 8-3830. Program Director, Walter Golanski; Commercial Manager, Edmund B. Krotkiewicz. SERVICES OFFERED: Production of programs and spot announcements.

### Premier Radio Enterprises Inc.

530 Mart Bldg., St. Louis, Mo. Phone, Garfield 3395. President, H. S. Somson; Vice-President, Wilson Dalzell; Secretary, Jerome M. Yawitz. SERVICES OFFERED: Producing and recording of custom-built transcriptions, phonograph records, national and regional broadcasts, wax and film recording, sales presentations.

#### Press Radio Features, Inc.

360 N. Michigan Ave., Chicago, Ill. Phone, Randolph 9333. President, F. W. Hemingway; Secretary, Paul C. Weichelt, SERVICES OFFERED: Transcriptions, distributors of transcribed programs.



### THOMAS FREEBAIRN-SMITH

Producer-Announcer

Exclusive Management
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MUSICAL DIRECTOR

### "BIG TOWN"

(The Rinso Program)

and

"Free Company"



Exclusive Mgt.: Columbia Management of California, inc.

### CRANE WILBUR

Producer -- Editor

### "BIG TOWN"

The Rinso show starring Edward G. Robinson

Wednesday evenings

**CBS** 

George Logan Price, Inc.

3902 West Sixth St., Los Angeles. Calif., Phone. EXposition 1960. President. G. L. Price; Sales Manager, Gene Goldbach. SERVICES OFFERED: Transcribed programs, program production. transcription library.

#### Professional Recording Studios

1749 N. Prospect Avc., Milwaukee, Wisc. Phone, Lakeside 5840. Director, Sam Snead; Musical Director, Robert Tamms; Dramatic Director, Marie Vebber. SERVICES OFFERED: Recording. transcriptions, program production.

#### Radio Centre Limited

100 Adelaide St., West, Toronto, Ont., Canada. Phone, Waverly 2036 and 2846. General Manager, D. Spencer Grow; Vice President, Stewart L. Grow; Production Manager, Ken Murray; Sales Manager, J. C. Tobin; Transcription Supervisor, Arthur Matter PRANCH Supervisor, Arthur Matten. BRANCH OFFICE: 127 Seventh Ave., East, Cal-gary, Alberta, Canada. Phone, Main 5204. Morgan H. Pitcher, Western Manager. SERVICES OFFERED: Syndicated transcriptions, live-talent program production, recording, air checks, scripts.

Radio Events, Inc.
535 Fifth Ave., New York, N. Y. Phone, MUrray Hill 6-3487. President, Joseph M. Koehler. SERVICES OF-FERED: Production, scripts, casting.

#### Radio Features

3034 P St., N. W., Washington, D. C. Phone, DUpont 1934. Director, Caleb O'Connor; News Scripts & Transcriptions, Franklin Roudybush; Associate Director, Hugh Keiser, SERVICES OF-FERED: Program production, script library.

#### Radio Features of America

37 West 46th St., New York, N. Y. Phone, BRyant 9-9622. Executive Director, Alma Sandra Munsell; Director of Programs and Production, Oliver W. SERVICES OFFERED: Program production and consultation, transcriptions, scripts, recordings.

#### Radio House, Inc.

18 East 50th St., New York, N. Y. Phone, ELdorado 5-1860. President, Walter L. Royall; Executive Vice-President-Chairman of Board of Directors-

Production Head, Martha Jayne Rountree; Casting Director, Camille Joachim; Business Manager, James Mc-Conachie II; Chief Engineer, Lester Troob; Treasurer, Arthur M. Epstein. SERVICES OFFERED: Building and production of live talent and transcribed programs, casting, scripts, direction, commercial spots.

> Radio Producers of Hollywood

Western Ave., N. Hollywood, Calif. Phone. HOllywood 6288. OWNER: Lou R. Winston, SERVICES OFFERED: Transcribed feature programs.

#### Radio Programme Producers

1440 St. Catherine St., West, Montreal, Que., Canada. Phone, Marquette 1184. Director of English Programs, Ivan F. Tyler; Directors of French Programs, Paul L'Anglais, Yves Bourassa; Musical Director, Edouard Beique; Special Field Producer, Gilbert Wall; Assistant Producers, Francoise Loranger, Katherine Cross, Jacques Herdt, Simon L'Anglais; Secretary-Treasurer, F. M. Macneill. SERVICES OFFERED: Production, scripts, talent.

> Radio-Rundfunk Corporation

207-11 East 84th St., New York, N. Y. Phone, REgent 4-2852. President, Herbert F. Oettgen. SERVICES OFFERED: Foreign language radio production, outdoor transcriptions, manufacture phonograph records.

#### Radio Transcription Co. of America, Ltd.

Hollywood Blvd. at Cosmo St., Hollywood, Calif. Phone, HOllywood 3545. President and General Manager, Andrew J. Schrade; Station Relations Manager. B. M. Fink: Office Manager, T. Callison; Traffic Manager, Irwin Liefke. SER-VICES OFFERED: "Readibuilt" and custom-built transcriptions.

#### Rec-Art Studios

1203 S. Main St., Los Angeles, Calif. Phone, PRospect 9232. General and Recording Manager, Al Nazareth; Musical Director, A. Norman; Production Manager, Helen Thayer. SERVICES OFFERED: Recordings, transcriptions, production building of live and transcription. duction, building of live and transcribed programs.

#### Religious News Service

300 Fourth Ave., New York, N. Y. Phone, ALgonquin 4-9746. Editor, Robert A. Ashworth; Managing Editor, Louis Minsky; News Editor, George Dugan. SERVICES OFFERED: Production of veckly religious news scripts.

#### Roxanne

871 Seventh Ave., New York, N. Y. Phone, CIrcle 7-3900. SERVICES OFFERED: Program production.

#### Samuel R. Sague & Co.

118 East 40th St., New York, N. Y. Phone, CAlcdonia 5-1000. President, S. R. Sague; Vice-President, B. B. Sague. BRANCH OFFICE: Alcazar Hotel, Cleveland, Ohio. Phone, Fairmont 5400. SERVICES OFFERED: Program production, scripts.

### **ALLIED RADIO**

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in a new dramatic series

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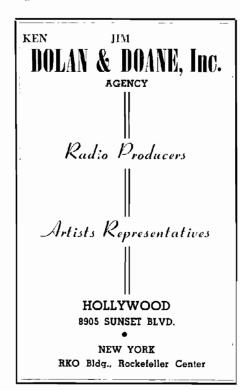
FURTHER INFORMATION
IRVING STROUSE—PAUL WIMBISH
724 Fifth Ave., N. Y. C. Clrcle 6-5240

#### Saltimieras Radio Adrertisers

6912 South Western Ave., Chicago, III. Phone, Prospect 4050. Program Producer, Paul B. Saltimieras; Copy Director, Aldona Vilimas; Business Manager. Julia Saliner; Regional Director, Stanley Milkent. BRANCH OFFICE: 1412 West 15th Ave., Gary, Ind. Phone, Gary 2-7213. Executive-in-Charge, Stanley Milkent. SERVICES OFFERED: Program production (foreign language).

#### G. Schirmer, Inc.

3 East 43rd St., New York, N. Y. Phone, MUrray Hill 2-8100. President, Carl Engel; Secretary, Gustave Schirmer; Manager-Chief Recording Engineer, Harry W. Boyd; Recording Engineer, H. Duncan Peckham; Accompanist-Coach-Vocalist, Rea Reynolds. SER-VICES OFFERED: Transcriptions, spot announcements, audition recording, off-the air and studio transcriptions, processing, commercial records, recording.



#### Joseph C. Schramm Studios

4000 Canal St., New Orleans, La. Phone, Galvez 5914. Owner, Joseph C. Schramm. SERVICES OFFERED: Program production, recordings.

#### Sellers, Inc.

912 Commerce St., Dallas, Texas. Phone. C-5978. President, J. E. Sellers. SERVICES OFFERED: Program production, recordings, transcriptions.

#### Service Programs, Inc.

535 Fifth Ave., New York, N. Y. Phone, MUrray Hill 6-3489, President, Gladys Miller. BRANCH OFFICE: 601 N. Rossmore, Hollywood, Calif. Phone, Hollywood 1691. Manager, Marque Richard. SERVICES OFFERED: Scripts, promotion, programming, production, merchandising.

#### Shaffer-Waible

55 West 46th St., New York, N. Y. Phone, BRyant 9-2682. SERVICES OF-FERED: Custom-built programs, musical and dramatic; talent; scripts.

#### Addison Simmons

1332 Birchwood Ave., Chicago, Ill. Phone, Briargate 5603. Owner, Addison Simmons; Secretary, Bernice Simmons. SERVICES OFFERED: Scripts, program production.

#### Stephen Slesinger, Inc.

247 Park Ave., New York, N. Y. Phone, ELdorado 5-2544. President. Stephen Slesinger. SERVICE OFFER-ED: Exclusive radio representatives for NEA comics and news features.

#### **Edward Sloman Productions**

8782 Sunset Blvd., Hollywood, Calif. Phone, CRestview 1-2242. Producer-Director, Edward Sloman; Manager of Sales and Production, Sam Martin Kerner; Writer. Maurice Zimm; Musical Director. Paul Sawtell; Secretary, Kay Mullane; Field Manager, Joseph Corey. SERVICES OFFERED: Syndicated programs and transcriptions, custom-built programs.

#### J. Hall Smith Recording Studios

312 Madison Theatre Bldg., Detroit, Mich. Phone, Cherry 6550. Owner-Manager, J. Hall Smith: Production Department, Quin Heavener; Sales, W. A. Benson. SERVICES OFFERED: Scripts, transcriptions, records, portable recordings, program production.

### Sound Recording Studios, Inc.

2016-18 Main St., Dallas, Texas. Phone, 7-4636. President-Sales Manager, Rex V. Lentz; Production Manager, Bunny Biggs; Secretary-Treasurer, Royal A. Griffin; Engineer, Lester Vaughan, Jr. SERVICES OFFERED: Syndicated programs. air-checks, line-checks, custombuilt shows, recording service, program production.

#### Southern Radio Features

1009 Mercantile Bldg., Dallas, Texas. Phone, 2-8292. General Manager, A. M. Cohen. SERVICES OFFERED: Production of radio programs (cooking, charm and health schools).

#### Henry Souvaine, Inc.

30 Rockefeller Plaza, New York, N. Y. CIrcle 7-5666. President, Henry Souvaine; Vice-President, Archibald U. Braunfeld; Treasurer, Geraldine Souvaine; Sales Manager, David H. Halpern; Producers, Dwight Cooke, Keith McLeod. SERVICES OFFERED: Live talent and transcribed programs, talent, scripts, package shows, production.

#### Standard Radio

6404 Hollywood Blvd., Hollywood, Cal. Phone, Hollywood 0188. President, Gerald King; Production Manager, Don Allen. BRANCH OFFICES: 360 No. Michigan Ave., Chicago, Ill. Phone, State 3153. Manager, M. M. Blink; Alex Sherwood; 29 West 57th St., New York, N. Y. Phone, PLaza 3-3015. Manager, Robert McCullough; P. O. Box 933, Dallas, Texas. Manager, Herbert Denny; White-Henry-Stuart Bldg., Seattle, Wash. Manager, Hal Pearce. SERVICES OFFERED: Library, sound effects library, transcriptions.

#### Ted Steele Radio Productions

9 Rockefeller Plaza, New York, N. Y. Phone, Columbus 5-6188. Owner, Ted Steele; Secretary, Doris Brooks; Business Manager, Robert Coe; Musical Arranger, Anthony Mottola. SERVICES OFFERED: Program and spot announcement production.

#### Thomas L. Stix

30 Rockefeller Plaza, New York, N. Y. Phone, Circle 7-2690. Owner, Thomas L. Stix; Associate, Nellie B. Miller, SERVICES OFFERED: Production of package programs.

Douglas F. Storer, Radio

1270 Sixth Ave., New York, N. Y. Phone, Circle 7-1150. President, Douglas Storer. SERVICES OFFERED: Personal representation and program counsel.

TransAir, Inc.

105 West Adams St., Chicago, Ill. Phone, Central 0320. President, William F. Arnold. SERVICES OFFERED: Transcribed programs.

Transamerican Broadcasting & Television Corp.

1 East 54th St., New York, N. Y. Phone, PLaza 5-9800. President, John L. Clark; Executive Vice-President, E. J. Rosenberg. BRANCH OFFICES: 230 No. Michigan Ave., Chicago, Ill. Phone, State 0366; Hollywood, Calif. SERVICES OFFERED: Live and transcribed programs.

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#### Transtudio Recording Corp.

473 Virginia St., Buffalo, N. Y. Phone, Cleveland 1160. Vice-President-Treasurer, James W. Gillis, Jr.; Secretary, H. D. Bogardus; Director of Productions, Cliff Jones. SERVICES OFFERED: Transcribed radio programs, script programs, production, studio recordings, educational recordings, remote recording facilities, off-the-air checks.

Tyro Productions

1697 Broadway, New York, N. Y. Phone, Columbus 5-3737. SERVICES OFFERED: Program production.

#### **Uhlmann** Associates

510 N. Palm Drive, Beverly Hills, Calif. Phone. CRestview 6-2888. Owner, Lionel H. Uhlmann, Jr.; Story Editor-Casting Director, R. Calvert Haws; Musical Director, Johnny Richards. SER-VICES OFFERED: Program production.

United Radio Shows (United Press)

220 East 42nd St., New York, N. Y. Phone, MUrray Hill 2-0400. Manager, Hartzell Spence; Sales Manager, C. E. Allen. SERVICES OFFERED: Production of package shows.

United Recording Co.

Suite 10-142, Merchandise Mart, Chicago, Ill. Phone, Delaware 6364. President, Frederick Bond; Engineer, Lee Stremlau: Sales, W. Francis Burns. SERVICES OFFERED: Electrical transcriptions, production, talent.

United Writers, Inc.

Taft Bldg., Hollywood & Vine, Hollywood, Calif. Phone, HEmpstead 225. President, Ben L. Blue; Secretary-Treasurer, Irvin Brennan; Vice-President, E. J. Holden; Vice-President, Reginald Sharland. SERVICES OFFERED: Program production of package shows, scripts.

#### Universal Radio Features

1717 Bush St., San Francisco, Calif. Phone, Ordway 0659. President, Richard Guggenheim; Manager, Ronald Guy Patrick; Production, Dick Regdon. SER-VICES OFFERED: Program production, scripts.

#### Thomas J. Valentino

729 7th Ave., New York, N. Y. Phone, BRyant 9-5543. Production Manager. Thomas J. Valentino; Treasurer, Wm. Rubenstein; Secretary, N. Cevedo. SERVICES OFFERED: Custom jobs, library, recording, sound effects library.

#### J. Franklyn Viola & Co.

56 West 45th St., New York, N. Y. Phone, MUrray Hill 2-0489. Manager J. Franklyn Viola. SERVICES OFFERED: Scripts, production, specializing in foreign-language programs.

#### **Wells Feature Syndicate**

Hollywood Center Bldg., Hollywood, Calif. Phone, GLadstone 4208. Manager, Allan W. Wells; Editor, Douglas Graham. BRANCH OFFICE: Baderas 32, Mexico City, Mexico. Phone, L 25-40. Manager, Bill Wells. SERVICES OFFERED: Scripts, production, transcriptions.

#### Carl Wester & Company

360 N. Michigan Ave., Chicago, Ill. Phone, Randolph 6922. President, Carl Wester; Production Manager, Howard Keegan; Writer, Irna Phillips. SERVICES OFFERED: Program production, scripts.

#### E. F. Wheaton—Advertising

7 West 52nd St.. New York, N. Y. Phone, ELdorado 5-9501. Owner, Edward F. Wheaton. SERVICES OFFERED: Scripts, program production, syndicated news service.

#### Roger White Radio Productions

1270 Sixth Ave., New York, N. Y. Phone, CIrcle 7-4943. President, Roger White; Artists' Bureau, Kermit K. Schafer; Secretary-Publicity, Marilyn Brandt. SERVICES OFFERED: Producing, writing, directing and publicizing radio productions.

#### **WHN** Transcription Service

1540 Broadway, New York, N. Y. Phone, BRyant 9-7800. Manager, Robert G. Pratt; Production Manager, Maurice Barrett; Chief Engineer, Paul Fuelling, BRANCH OFFICE: 360 N. Michigan Ave., Chicago, Ill. Phone, Randolph 5254. Manager, Hal Makelim. SER-VICES OFFERED: Electrical transcription, production, instantaneous off-the-line and off-the-air transcriptions, master recordings, pressings, air checking, talent.

#### Wiederhold Recording Studios

526 S. Fourth St., 505 Abe C. Levi Bldg., Louisville, Ky. Phone, Jackson 1757. Owner-Manager, George Wiederhold. SERVICES OFFERED: Production of live talent programs, recordings, air checks, instantaneous recordings, talent.

#### Wilson, Powell & Hayward, Inc.

444 Madison Ave., New York, N. Y. Phone, PLaza 5-5480. President, F. Leroy Wilson. SERVICES OFFERED: Production of package shows.

#### Witte Radio Productions

1163 S. La Jolla Ave., Los Angeles, Calif. Phone, Whitney 7238. Owner, Oscar Witte. SERVICES OFFERED: Program production, transcriptions.

#### Wolf Associates, Inc.

1270 Sixth Ave., New York, N. Y. Phone, Columbus 5-1621. General Manager, Ed Wolf; Production Manager, Jack Rubin; Sales Manager, William Koblenzer; Casting Director, Herbert Wolf; Director, Carlo De Angelo. BRANCH OFFICE: 6912 Hollywood Blvd., Hollywood, Calif. Phone, GLadstone 6676. Manager, L. Wolfe Gilbert. SERVICES OFFERED: Production, talent.

### WOR Electrical Transcription and Recording Service

1440 Broadway, New York, N. Y. Phone, PEnnsylvania 6-8383. Manager of Transcription Division, Ray S. Lyon; Secretary, Miss J. C. Fallon; Salcsman, Earl B. Salmon. SERVICES OFFERED: Electrical transcriptions, scripts, production, talent, recordings, off-the-air, off-the-line and studio recordings, pressing.

#### World Broadcasting System, Inc.

711 Fifth Ave., New York, N. Y. Phone, Wickersham 2-2100. President, P. L. Deutsch; Vice-President and General Manager, A. J. Kendrick; Vice-President in Charge of Sales, Norton Cotterill; Secretary-Manager of Program Production, Charles Gaines; Station Relations Manager, A. E. Sambrook; Advertising Counsel, M. A. Hollinshead; Chief Engineer, Charles Lauda, Jr.; Director of Program Bureau. Aaron Steiner: BRANCH OFFICES: 301 East Erie St., Chicago, Ill. Phone, Superior 9114. Resident Manager, Read Wight; 1000 No. Seward St., Hollywood, Calif. Phone. HOllywood 6321. West Coast Manager, Pat Campbell; 1050 Howard St., San Francisco, Cal. Phone, Douglas 3310. Manager, C. C. Langevin; Wardman Park Hotel, Washington, D. C. Phone, Columbia 2000. Resident Manager, Harold A.

Lafount. SERVICES OFFERED: Custom-built recordings, processing, pressings, program ideas, production, scripts, talent, transcription program service library, nation-wide transcription network.

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#### Frederic W. Ziv, Inc.

2436 Reading Road, Cincinnati, Ohio. Phone, University 6124. President, Fredcric W. Ziv; Vice-President, William Ziv; Vice-President-Radio Director, John L. Sinn; Secretary, M. R. Ziv. SERVICES OFFERED: Live talent and transcribed programs.

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Acoustic Equipment Company

323 Walton Building, Atlanta, Ga. Phone, WAlnut 6714. Owner and Manager, P. C. Bangs. SERVICES OF-FERED: Recording of transcriptions of all types from studio, station or network; off-the-air recordings for check-ing programs; audition recordings; sound engineering and public address equipment.

**ADL Recording Studios** 

4334 N. Kenmore Avenue, Chicago, Ill. Phone, Wellington 3267. Executive-in-Charge, M. H. Craven. SERVICES OF-FERED: Transcriptions (acetate and master); off-the-air recordings; spot announcements; audition recordings.

> Advertisers Recording Service, Inc.

113 West 57th St., New York, N. Y. Phone, Circle 6-0141. (For detailed information see listing under Program Producers).

Aerogram Corporation

1611 Cosmo St., Hollywood, Calif. Phone. HIllside 7211. (For detailed information see listing under Program Producers).

Aircraft Recording Studios

642 Smithfield St., Pittsburgh, Pa. Phone, Grant 3467. Manager, E. C. Wil-liams; Secretary-Treasurer, H. M. Williams. SERVICES OFFERED: Recording service, electrical transcriptions, audition recordings, off-the-air recordings.

Albany School of Cooking

13 Fern Ave., Albany, N. Y. Phone, 2-7291. (For detailed information see listing under Program Producers).

> All-Canada Radio Facilities Limited

305 Victory Bldg., Toronto, Ont., Canada. Phone, Elgin 2464. Manager, G. F.

Herbert; R. E. McGuire, F. W. Cannon. BRANCH OFFICES: 804 Southam Bldg., Calgary, Alberta, Canada. Phone, M-2670. President, H. R. Carson; Royal Alexandra Hotel, Winnipeg, Manitoba, Canada. Phone, 92-266. Manager, P. H. Gayner; 923 Dominion Square Bldg., Montreal, Que., Canada. Phone, Lancaster Georgia St., Vancouver, B. C., Canada. Phone, Trinity 1391. J. E. Baldwin. SER-VICES OFFERED: Transcriptions, representative for transcription companies and stations.

Allied Record Mfg. Co.

1041 N. Las Palmas Ave., Hollywood, Calif. Phone, HOllywood 5107. President, I. Goldberg. SERVICES OF-Louis FERED: Processing and pressing of electrical transcriptions and phonograph records.

Alton Alexander

1270 Sixth Ave., New York, N. Y. Phone, COlumbus 5-1621. (For detailed information see listing under Program Producers).

American Foundation

For the Blind, Inc.
15 West 16th St., New York, N. Y.
Phone, CHelsea 3-2821. Chief Engineer,
J. O. Kleber. SERVICES OFFERED:
Recording of long-playing phonograph
records of books and plays.

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86 Chambers St., New York, N. Y.
Phones, WOrth 2-3322, REctor 2-5341. (For detailed information see listing under Program Producers).

#### American Royal **Productions**

1622 Harrison St., Oakland, Calif. Phone, Higate 3738. (For detailed information see listing under Program Producers).

AMP Recording Studios, Inc. 151 West 46th St., New York, N. Y. Phone, BRyant 9-1247. (For detailed information see listing under Program Producers).

Artists' Recording Service 113 West 57th St., New York, N. Y. Phone, CIrcle 6-0141. Director, Alexander Leftwich, Jr.; Musical Director. Hank Sylvern; Technical Adviser, M. M. Wolsky. SERVICES OFFERED: Complete service in making audition records for artists; production, musical direction, script service and technical advice; studio facilities.

Asch Recording Studios

117 West 46th St., New York, N. Y. Phone, BRyant 9-3137. (For detailed information see listing under Program Producers).

#### Associated Broadcasting Co.

817 E. 92nd St., Chicago, Ill. Phone, Triangle 2244. (For detailed information see listing under Program Producers).

#### **Associated Music** Publishers, Inc.

25 West 45th St., New York, N. Y. Phone, BRyant 9-0847. President C. M. Finney. SERVICES OFFERED: Transcriptions, library, production, recording facilities, both vertical and lateral, scripts.

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#### **Associated Transcriptions** of Hollywood

5636 Melrose Ave., Hollywood, Calif. Phone, HIllside 4229. (For detailed information see listing under Program Producers).

Audio-Scriptions, Inc.

1619 Broadway, New York, N. Y. Phone, CIrcle 7-7690. Manager, Ezekiel Rabinowitz. SERVICES OFFERED: Recordings and electrical transcriptions at the studio and on-the-spot; "Clipping Bureau of the Air."

Audise Transcriptions

1202 Brinckerhoff Ave., Utica, N. Y. Phone, 4-5250. Business Manager, Donald Gaffney; Technician, George F. Stein. REPRESENTATIVES: Morris Distributing Co., Syracuse, N. Y. Phone, 3-1153. Resident Engineer, Keith Mc-Call. SERVICES OFFERED: Technical recording service for studio and remote coverage.

#### **Basch Radio Productions**

171 Madison Ave., New York, N. Y. Phone, MUrray Hill 4-4717. (For detailed information see listing under Program Producers).

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1722 Hennepin Ave., Minneapolis, Phone, Atlantic 8901. (For de-Minn. tailed information see listing under Program Producers).

#### **Beverly Recording Studios**

1805 West 95th St., Chicago, Ill. Phone, Ced. 4677. Recording Engineer, Kent Okle; Manager, Roy Young. SER-VICES OFFERED: Air Checks, personal recordings, on-location and studio record-

#### Walter Biddick Co.

Chamber of Commerce Bldg., Los Angeles, Calif. Phone, RIchmond 6184. (For detailed information see listing under Program Producers).

### **Broadcast Producers of**

New York, Inc. 18 E. 49th St., New York, N. Y. Phone, ELdorado 5-9300. (For detailed information see listing under Program Producers.)

#### **Champion Recording** Corporation

1600 Broadway, New York, N. Y. none, COlumbus 5-4445. President, President, Joy J. Pierri; General Manager, Omar Champion: Production Manager, Earl Richard. SERVICES OFFERED: Electrical transcriptions, off-the-air recordings, portables and studio record-

#### Chicago Recording Studios

64 East Jackson Blvd., Chicago, Ill. Phone. Webster 7288. (For detailed in-formation see listing under Program Producers)

#### Carle Christensen Recording Studios

306 S. Wabash Ave., Chicago, Ill. Phone, Wabash 7069. (For detailed in-formation see listing under Program Producers).

#### C. K. Recorders

3814 S. E. 26th Ave., Portland, Ore. Phone, East 4858. (For detailed information see listing under Program Producers).

#### Columbia Recording Corporation

(A Subsidiary of the Columbia Broadcasting System)

1473 Barnum Ave., Bridgeport, Conn. Bridgeport 6-0181. President, Edward Wallerstein; Manager Transcription Division, William Schudt; Promotion Director, Patrick Dolan; Production Manager, Sidney Asp. BRANCH OFFICES: 799 Seventh Avc., New York, N. Y.

CIrcle 5-7301. Phone. Executive-in-Charge, William Schudt; 6624 Romaine St., Hollywood, Cal. GRanite 5134. Executive-in-Charge, Paul Crowley; Wrigley Bldg., Chicago, Ill. Phone, Whitehall 6000. Executive-in-Charge, Girard Ellis. SERVICES OFFERED: Manufacture and distribution of Columbia, Okeh, Brunswick and Vocalian records; electrical transcriptions.

#### Commercial Broadcasting Service, Ltd.

Herman Bldg., Toronto, Ont., Canada. Phone, Elgin 3345. (For detailed information see listing under Program Producers).

#### The Compo Company Limited

131 18th Ave., Lachine, Montreal, Canada. Phone, Dexter 0905. President, H. S. Berliner. SERVICES OFFERED: Acetate recordings, processing, pressing, recordings.

#### Cornish Recording Studios

710 East Roy St., Seattle, Wash. Phone, Capitol 1400. (For detailed in-formation see listing under Program Producers).

#### Ernest Cutting's Talent **Development Center**

538 Fifth Ave., New York, N. Y. Phone, VAnderbilt 6-5995. (For detailed information see listing under Program Producers).

#### **Damon Transcription** Laboratory & Sound Service

816 Locust St., Kansas City, Mo. Phone, Ha. 5818. Owner-Chief Recording Engineer, Victor L. Damon; Recording Engineer, Bert W. Powell. SER-OFFERED: VICES ` Air checks, professional phonograph recordings, transcriptions, portable transcribing farecordings, cilities.

#### Laboratories D'Arcy Recording

410 S. Michigan Ave., Chicago, Ill. Phone, Webster 0914. President, E. W. D'Arcy. SERVICES OFFERED: Transcriptions in the studio and on location.

#### Decca Records, Inc.

50 West 57th St., New York, N. Y. Phone, Columbus 5-5662. President,

Jack Kapp; Vice-President and General Manager, E. F. Stevens, Jr.; Manager Transcription Division. C. D. MacKinnon. BRANCH OFFICES: Boston, Detroit, Kansas City, Philadelphia, Chicago, St. Louis, Cincinnati, Cleveland, Minneapolis, Charlotte, Newark, Syracuse, Jacksonville, Oklahoma City, Houston, Atlanta, Memphis, New Orleans, Dallas, Pittsburgh, Washington, Los Angeles, San Francisco and Seattle, SERVICES OFFERED: Custom-built electrical transcription records.

Dominion Broadcasting Co.

4 Albert St., Toronto, Ont., Canada. Phone, Adelaide 3383. General Manager, Hal B. Williams; Transcription Division Manager, Don H. Copeland; Production Manager, Stan Francis; Script Department, Dean Hughes. SERVICES OFFERED: Scripts, live talent productions, transcriptions and recordings, air checks.

#### Walter P. Downs

2313 St. Catherine St., West, Montreal, Que., Canada. Phone, WEllington 4218. (For detailed information see listing under Program Producers).

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465 Geary St., San Francisco, Calif. Phone, Prospect 8522, Production Director, M. S. Devesa; Assistant Production Director, Rudy Hall; Manager, Mel Schull; Sound and Recording Engineer, Jaime Devesa. SERVICES OFFERED: Transcriptions, off-the-air recordings.

### Earnshaw Radio Productions (Earnshaw-Young, Inc.)

1675 N. St. Andrews Place, Hollywood, Calif. Phone, GLadstone 2555. (For detailed information see listing under Program Producers).

#### Eccles Disc Recordings, Inc.

6233 Hollywood Blvd., Hollywood. Calif. Phone, Hillside 8351. (For detailed information see listing under Program Producers).

### Electrical Sound Engineering

5303 Kenilworth Ave., Baltimore, Md. Phone, Tuxedo 6006. Manager, Frank X. Green, SERVICES OFFERED: Transcriptions, recordings, sound effect library.

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228 South Wabash Ave., Chicago, Ill. Phone. Harrison 1368. President, V. G. Geisel: Vice-President, E. E. Gamble; Engineer, A. C. Collette. SERVICES OFFERED: Sound engineering, recordings. recording equipment sales company.

#### Electro-Vox Recording Studios

5546 Melrose Ave., Hollywood, Calif. Phone, GLadstone 2189. Owner and Manager, Bert B. Gottschalk. SERVICES OFFERED: Air-check service; recordings, electrical transcriptions, phonegraph records.

#### Empire Broadcasting Corporation

480 Lexington Ave., New York, N. Y. Phone, PLaza 8-3360. (For detailed information see listing under Program Producers).

### Federal Transcribed Programs, Inc.

101 Park Ave., New York, N. Y. Phone, CAledonia 5-7530. SERVICES OFFERED: Transcription service to order, off-the-air recordings, off-the-line recordings, audition recordings, transcribed programs.

#### Film Associates Co.

429 Ridgewood Drive, Dayton, Ohio. Phone, Walnut 4641. Manager-Technician, E. R. Arn, Jr.; Director-Technician, H. E. Hollabaugh; Sales, R. E. Kelly; Producer, Martha Gowdy; Script Writer, Fred Shelton. SERVICES OFFERED: Transcriptions, air-checks.

#### Fox Features Syndicate, Inc.

247 Park Ave., New York, N. Y. Phone, PLaza 8-0100. (For detailed information see listing under Program Producers).

#### Frankay Recording Studios

153 West 44th St., New York, N. Y. Phone, LOngacre 5-0242. President-Chief Engineer, Frank Kay; General Manager, Bob Scheuing. SERVICES OFFERED: Transcription, off-the-air recordings.

### Furness-Beattie Radio Productions Co.

712 Eleventh St., N. W., Washington, D. C. Phone, Republic 1681. (For detailed information see listing under Program Producers).

#### **General Broadcasting System**

500 Buhl Bldg., Detroit, Mich. Phone, Cherry 0400. (For detailed information see listing under Program Producers).

#### Graham Gladwin, Ace Productions

742 Market St., San Francisco, Calif. Phone, Sutter 4464. (For detailed information see listing under Program Producers).

#### Harry S. Goodman Radio Productions

19 East 53rd St., New York, N. Y. Phone, Wickersham 2-3338. (For detailed information see listing under Program Producers).

#### Lillian Gordoni Radio Productions

Hotel Crillon, 1258 S. Michigan Blvd., Chicago, II.. Phone, Calumet 6700-6979. (For detailed information see listing under Program Producers).

#### George Heid Productions

1005 Century Bldg., Pittsburgh, Pa. Phone, GRant 3696. (For detailed information see listing under Program Producers).

#### Hollywood Recording Co.

5513 Sunset Blvd., Hollywood, Calif. Phone. Hillside 3097. Technician, John Hirsch; Production Manager, Frank Robinson Brown; Script Department, H. Neal Phinney. BRANCH OFFICE: 1731 N. Highland Ave., Hollywood, Calif. SERVICES OFFERED: Recording service, air-checks, line-checks, transcriptions.

#### Hollywood Transcript Co.

6625 Sunset Blvd., Hollywood, Calif. Phone, GLadstone 3323. (For detailed information see listing under Program Producers).

#### Illinois Educational Sound Service

20 North Wacker Drive, Chicago, Ill. Phone, Randolph 3550. Manager, R. W. Damron; Operator, John Trucman, Jr.; Sound Technician, Frank Roberts. SERVICES OFFERED: Studio, off-the-air and on-location recordings.

#### Intercontinental Audio-Video Corp.

9 Rockefeller Plaza, New York, N. Y. Phone, Circle 7-4560. (For detailed information see listing under Program Producers).

#### Warren C. Jaynes Recording Service

154 East Erie St., Chicago, Ill. Phone, Delaware 1171: Longbeach 9424 (night). President & Recording Engineer, Warren C. Jaynes; Sales Manager, William C. Giller; Secretary-Treasurer, Hazel M. Anderson. BRANCH OFFICE: 340 Scranton Ave., Lake Bluff, Ill. Phone, Lake Bluff 2359. SERVICES OFFERED: On-location and mobile unit recordings.

G. F. Johnson Music Co.

1022 S. W. Morrison, Portland, Ore. Phone, Beacon 8131. Owner, G. F. Johnson; Manager, C. T. Johnson. SERVICES OFFERED: Recordings.

#### Kasper-Gordon Studios, Inc.

140 Boylston St., Boston, Mass. Phone, Devonshire 7357. (For detailed information see listing under Program Producers).

Key Recordings

103 Park Ave., New York, N. Y. Phone, LExington 2-2811. President, Andrew Portnow. SERVICES OFFERED: Records, recordings of special events.

John Keating

614 Studio Bldg., Portland Ore. Phone, Beacon 1009. Personnel, John Keating, James McLoughlin. SERVICES OF-FERED: Recordings, transcriptions.

James B. Keysor, Inc.

137 Motor Ave., Salt Lake City, Utah. Phone, 3-8938. President, J. B. Keysor. SERVICES OFFERED: Transcription recordings, processing and pressing.

R. U. McIntosh & Associates, Inc.

10558 Camarillo St., N. Hollywood, Calif. Phone, SUnset 2-9275. President, R. U. McIntosh; Vice-President, Agnetta Peterson; Secretary-Treasurer, M. M. McIntosh. SERVICES OFFERED: Transcriptions, production of programs, recordings.

C. P. MacGregor

729 S. Western Ave., Hollywood, Calif. Phone, Fltzroy 4191. (For detailed information see listing under Program Producers).

#### Mak-A-Record Transcription Co.

640 Riverside Drive, New York, N. Y. Phone, EDgecombe 4-7267. President-General Manager, Owen Seelig. REP-RESENTATIVE: Alfred E. Seelig, 154 West 14th St., New York, N. Y. Phone, CHelsea 3-0026. SERVICES OFFERED: Air checks, personal recordings, transcribed programs, audition records, sound measurements.

Melca Radio Enterprises

307 Jackson St., Los Angeles, Calif. Phone, Tucker 9756. Manager, Kazuo Mihara; Technical Director, K. Mihara; Musical Director, A. Umemoto; Art Director, Y. Itano. SERVICES OFFERED: Transcription of foreign-language (Japanese) programs for KRKD.

Melotone Recording Studio

25 Central Park, West, New York, N. Y. Phone, Circle 6-1366. Owners, Mera M. Weinstock, Lola M. Weinstock, SER-VICES OFFERED: Studio and off-theair recordings, transcriptions, processing.

Metro Recordings & Productions

111 O'Farrell St., San Francisco, Calif. Phone, Sutter 8786. Owner-Manager, Mrs. Ida S. Baer. SERVICES OF-FERED: Recordings, transcriptions.

### Metropolitan Broadcasting Service, Ltd.

Hermant Bldg., Toronto, Ont., Canada. Phone, Adelaide 0181. (For detailed information see listing under Program Producers).

#### Charles Michelson

67 West 44th St., New York, N. Y. Phone. MUrray Hill 2-3376. (For detailed information see listing under Program Producers).

Mid-West Transcriptions, Inc.

4835 Minnetonka Blvd., St. Louis Park, Minn. Phone, Walnut 9131. President, H. D. Field; Manager-Recording Engineer, K. L. Seuker. SERVICES OF-FERED: Custom-built programs, complete transcription service, programs, scripts, talent, production.

#### Miller Broadcasting System, Inc.

113 West 57th St., New York, N. Y. Phone, CIrcle 6-0141. President, James A. Miller; Secretary-Assistant Treasurer, E. B. McCutchcon; Commercial Manager, David D. Chrisman; Sales Department, Norman Winters, Arthur H. Hope. SERVICES OFFERED: Program production, Millertape recording and editing, wax and instantaneous recording.

#### Miller Bros.

445 S. La Cienga Blvd., Los Angeles, Calif. Phone, Bradshaw 2-1233. Partners, Ross Miller and W. H. Miller. SER-VICES OFFERED: Transcriptions, recordings, air-check service.

#### George Miller Productions, Inc.

P. O. Box 506, Culver City, Calif. (For detailed information see listing under Program Producers).

#### Mode-Art Pictures, Inc.

1020 Forbes St., Pittsburgh, Pa. Phone, GRant 2995. (For detailed information see listing under Program Producers).

#### **Hoyt Evans Morris**

2515 Barlum Tower, Detroit. Mich. Phone, Cherry 6622. (For detailed information see listing under Program Producers).

#### **Murray Sound Systems**

3910 Carnegie Ave., Cleveland, Ohio. Phone, Endicott 3390. President, J. H. Murray; Secretary-Treasurer, R. S. Murray. SERVICES OFFERED: Transcriptions.

#### Musicraft Records, Inc.

242 West 45th St., New York, N. Y. Phone, CIrcle 7-0676. President, Milton L. Rein; Vice-President-Secretary, Paul Puner; Treasurer, Henry Cohen. SERVICES OFFERED: Transcriptions, off-the-air recordings.

#### Robert S. Nash Co.

5437 Lisette Ave., St. Louis, Mo. Phone, Flanders 4758. President, Robert S. Nash. SERVICES OFFERED: Transcriptions, scripts, talent, production, recordings, air checks, sound effects records.

### NBC Radio-Recording Division

Radio City, New York, N. Y. Phone, CIrcle 7-8300. Vice-President, C. Lloyd Egner; Business Manager, John H. Mac-Donald; Eastern Sales Manager, Robert W. Friedheim; Assistant Sales Manager, Willis B. Parsons; Production Manager, Reginald Thomas. BRANCH OFFICES: Merchandise Mart, Chicago, Ill. Phone, Superior 8300. Manager, Frank E. Chizzini; Sunset and Vine Sts., Hollywood, Calif. Phone, HOllywood 6161. Manager, Robert F. Schuetz. SER-

VICES OFFERED: NBC Thesaurus Program Library, custom-built programs, simultaneous recordings of network and studio programs, recording service for advertisers and agencies, syndicated recorded programs, reference or audition recordings, NBC Orthacoustic transcriptions.

#### Nationality Broadcasting Association, Inc.

814 Carnegie Hall, Cleveland, Ohio. Phone, Main 4057. (For detailed information see listing under Program Producers).

#### The National Vocarium

610 Fifth Ave., New York, N. Y. Phone, CIrcle 7-5479. (For detailed information see listing under Program Producers).

#### **Neff Radio Productions**

1304 Stroh Bldg., Detroit, Mich. Phone, Randolph 3006. Owner, Mortimer Allan Neff.

#### Eugene O'Fallon, Inc.

Albany Hotel, Denver, Colo. Phone, Keystone 0178. Manager, Gene O'Fallon; Director, Frank Bishop; Chief Operator, Charles Hastings. SERVICES OFFERED: Lateral transcriptions.

#### Peterson Radio Production Co.

1457 Broadway, New York, N. Y. Phone, Wisconsin 7-0069. (For detailed information see listing under Program Producers).

#### Photo & Sound, Inc.

152 Kearny St., San Francisco, Calif. Phone, EXbrook 2103. (For detailed information see listing under Program Producers).

#### Premier Radio Enterprises, Inc.

530 Mart Bldg., St. Louis, Mo. Phone, Garfield 3395. (For detailed information see listing under Program Producers).

#### George Logan Price, Inc.

3902 West Sixth St., Los Angeles, Celif. Phone, Exposition 1960. (For detailed information see listing under Program Producers).

#### **Professional Recording** Studios

1749 N. Prespect Ave., Milwaukee, Wisc. Phone, Lakeside 5840. (For detailed information see listing under Program Producers).

#### Radioaids

1041 N. Las Palmas Ave., Hollywood, Calif. Phone, HOllywood 5107. Manager, E. D. Bedell. SERVICES OFFERED: Electrical transcriptions.

#### Radio Centre, Limited

100 Adelaide St., West, Toronto, Ont.. Canada, Phone, Waverly 2036 and 2846. (For detailed information see listing under Program Producers).

#### Radio Features of America

37 West 46th St., New York, N. Y. Phone, BRyant 9-9622. (For detailed information see listing under Program Producers).

#### Radio House, Inc.

18 East 50th St., New York, N. Y. Phone, ELdorado 5-1860. (For detailed information see listing under Program Producers).

#### Radio Producers of Hollywood

930 North Western Ave., Hollywood, alif. Phone, HOllywood 6288. (For detailed information see listing under Program Producers).

#### Radio Receiving Record Co.

304 Smith St., Providence, R. I. Phone, exter 4081. Manager, Lewis A. Mc-owan, Jr. BRANCH OFFICE: 2172 Dexter 4081. Gowan, Jr. Front St., San Diego, Calif. Phone, Main 7552. Manager, Eleanor Osborne. SER-VICES OFFERED: Educational recording service.

#### Radio Recorders, Inc.

932 North Western Ave., Hollywood, Cal. Phone, HOllywood 3917. President, F. H. Winter; Vice-President, J. C. Brundage; Secretary, L. D. Minkler: Treasurer, Ernest Dummel; Salcs and Production Manager, J. J. Sameth. SERVICES OFFERED: Transcriptions. recording service.

#### Radio Recording Studios

4701 N. Winchester Ave., Chicago, Ill. Phone, Edgewater 6461. Owner-Manager, Myron Bachman. SERVICES OF-FERED: Off-the-air recordings, instantaneous recordings.

Radio Recording Studios
1619 Broadway, New York, N. Y.
Phone, COlumbus 5-9037. Manager, A. Moran. SERVICES OFFERED: Off-theair recordings, recordings at the studio, electrical transcriptions.

#### Radio-Rundfunk Corporation

207-11 East 84th St., New York, N. Y. Phone, REgent 4-2852. (For detailed information see listing under Program Producers).

#### Radio Transcription Co. of America, Ltd.

Hollywood Blvd. at Cosmo St., Hollywood, Calif. Phone, HOllywood 3545. (For detailed information see listing under Program Producers).

#### RCA Manufacturing Co.

155 East 24th St., New York, N. Y. Phone, Bogardus 4-6200. BRANCH OF-FICES: 445 Lake Shore Drive, Chicago, Ill. Phone, Delaware 4774; 1016 North Sycamore Ave., Hollywood, Calif.; Front and Cooper Sts., Camden, N. J.

#### Rec-Art Studios

1203 S. Main St., Los Angeles, Calif. Phone, PRospect 9232. (For detailed information see listing under Program Producers).

#### Reeves Sound Studios, Inc.

1600 Broadway, New York, N. Y. Phone, Circle 6-6686. President, Hazard Reeves; Assistant to President, Patricia Greenhouse; Chief Engineer, Lyman J. Wiggin; Studio Manager, Chester L. Stewart; Production En-gineers, Richard Vorisek, Charles Campbell; Purchasing Agent. Max Jones; Shop Engineer. Stanley Krainin; Book-SERVICES keeper, Katherine Collins. OFFERED: Electrical transcriptions, phonographs, records, off-the-air recording, location recording.

#### Robinson Recording Laboratories

35 S. Ninth St., Philadelphia, Pa. Phone, Walnut 6800. Director, W. P. Robinson. SERVICES OFFERED: Electrical transcriptions, standard phonograph records, dramatized spot announcements, casting and direction.

#### Roth & Berdun Recording Studios

4464 Cass Ave., Detroit, Mich. Phone,

Temple 12552. Directors, Charles Roth, Cecil Berdun; Engineer, George O. Allen. SERVICES OFFERED: Transcriptions, off-the-air and studio recordings.

Joseph C. Schramm Studios

4000 Canal St., New Orleans, La. Phone, Galvez 5914. Owner, Joseph C. Schramm. SERVICES OFFERED: Program production, recordings.

Sellers, Inc.

912 Commerce St., Dallas, Texas. Phone, C-5978. President, J. E. Sellers. (For detailed information see listing under Program Producers).

Harry Smith Recordings 2 West 46th St., New York, N. Y. Phone, MEdallion 3-2996. Owner-Recording Engineer, Harry Smith; Manager, D. V. Reilly; Engineer, William Gardner. SERVICES OFFERED: Transcription, air checks, off-the-air and studio recordings, commercial records and transcriptions.

#### J. Hall Smith Recording Studios

312 Madison Theatre Bldg., Detroit, Mich. Phone, Cherry 6550. (For detailed information see listing under Program Producers).

**Sound Recording Service** 

199 Brett Road, Rochester, N. Y. Phone, Culver 5548. Owner, George S. Driscoll: Manager, Raymond A. Goering. BRANCH OFFICE: 203 Nichols Ave., Syracuse, N. Y. Phone, 3-4578. Syra-cuse Manager, Charles Just. SERVICES OFFERED: Broadcast and audition recordings and transcriptions.

#### Sound Recording Studios, Inc.

2016-18 Main St., Dallas, Texas. Phone, 7-4636. (For detailed information see listing under Program Producers).

Speak-O-Phone Recording & Equipment Co.

23 West 60th St., New York, N. Y. Phone, COlumbus 5-1350. Secretary-Treasurer, R. J. Lee; General Sales Manager, C. A. Austin, REPRESENTA-TIVES: Henry P. Segel, 235 Pine St., Gardner, Mass.; Royal Smith, 912 Commerce St., Dallas, Texas; Milton Shapp, 180 Fern St., Cellingswood, N. J.; Ed-ward Tomes, 14521 Penrod Ave., Detroit, Mich.; Carl A. Stone, 1406 S. Grand Avc., Los Angeles, Calif.; Gordon C. Moss, Box 428, Greeley, Colo.; M. E. Foster, 601 Cedar Lake Road, Minneapolis, Minn. SERVICES OFFERED: Custom recordings, air-checks, transcriptions, recording equipment.

Speedy-Q Sound Effects

1344 S. Flower St., Los Angeles, Calif. Phone, Prospect 2035. Department Manager, Harry Gennett, Jr. REPRESEN-TATIVE: Charles Michelson, New York. SERVICES OFFERED: Recorded sound effects.

#### Star Record Co.

17 West 60th St., New York, N. Y. Phone, Circle 6-2799. Manager, Dorothy Vanston. SERVICES OFFERED: Offthe-air, studio and portable recording service.

Edwin Strong, Inc. V. 45th St., New York, N. Y. 71 W. 45th St., New York, N. Y. Phone, BRyant 9-5758. President Edwin Strong; General Manager, Gordon Butler; Chief Engineer, C. D. Sherer. SERVICES OFFERED: Custom recordings and electrical transcriptions, complete studio facilities.

#### Studio & Artists Recorders

6107 Columbia Square, Hollywood, Calif. Phone, HIllside 8241. General Manager, Lewis Finston; Chief gineer, Ray OFFERED: Ray McPherson. SERVICES Studio recordings, checks, line-checks, transcriptions.

#### Technisonic Recording Laboratories

818 South Kingshighway Blvd., St. Louis, Mo. Phone, Franklin 2060. President-General Manager, James M. Althouse; Secretary-Treasurer, Charles E. Harrison. SERVICES OFFERED: Transcriptions, recording service, air checks, transcribed productions.

Time Abroad, Inc.

29 West 57th St., New York, N. Y. Phone, PLaza 3-3015. President, E. P. Kampf; Manager, E. V. F. Brinckerhoff; Sccretary, V. Meeker. SERVICES OF-FERED: Complete facilities for all types of studio and line recordings.

#### Transcribed Radio Shows, Inc.

2 West 47th St., New York, N. Y. Phone, LOngacre 5-3440. (For detailed information see listing under Program Producers).

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10-18 McCaul St., Toronto, Ont., Canada. Phone, Adelaide 2772. General Manager, John H. Part. SERVICES OFFERED: Transcriptions, phonograph records, scripts, production.

#### Transtudio Recording Corp.

473 Virginia St., Buffalo, N. Y. Phone, Cleveland 1160. (For detailed information see listing under Program Producers).

#### Tullen Sound Recording Studios

31 Manchester St., Hartford, Conn. Phone, Hartford 6-7481 Manager, David B. Tullen. SERVICES OFFERED: Commercial and private disc recordings, air checks.

#### United Artists Bureau, Inc.

905 Walnut St., Des Moines, Iowa. Phone, 4-5553. Director, R. B. Eaton. SERVICES OFFERED: Transcriptions, studio and on-location recordings.

#### United Broadcasting Co.

201 North Wells St., Chicago, Ill. Phone, Andover 1685. Director, William L. Klein; Commercial Manager, Egmont Sonderling; Chief Engineer, Ralph Epstein. SERVICES OFFERED: Transcriptions. studio, off-the-air and off-the-line recordings.

#### United Recording Co.

142 Merchandise Mart, Chicago, III. Phone, Delaware 6364. (For detailed information see listing under Program Producers.)

#### **United Sound Systems**

5840 Second Blvd., Detroit, Mich. Phone, Trinity 2-9384. President, James V. Siracuse; Manager, M. Martini. SER-VICES OFFERED: Instantaneous recordings, program transcriptions.

### United States Recording

712 Eleventh St., N. W., Washington, D. C. Phone, District 1640. President, Louise Noonan Miller; Commercial Manager, Joseph Tait; Chief Engineer, Earl A. Merryman. SERVICES OFFERED: Transcriptions, air-checks, recording service.

#### Universal Recording Co., Inc.

1270 Sixth Ave., New York, N. Y. Phone, CIrcle 5-4895. General Manager, Allen Best. SERVICES OFFERED: Transcriptions; off-the-air; off-the-line and studio recordings.

#### **Urab Recording Studio**

245 West 34th St., New York, N. Y. Phone, LOngacre 5-7646. Business Manager, Marianne; Musical Director, Mark Rubens. REPRESENTATIVES: Harriet Jane Sams, 1100 N. Duluth Ave., Sioux Falls, S. D.; Calvin E. Green, 3528 Wentworth Ave., Chicago, Ill.; F. Potvin, 129 Oak St., Providence, R. I. SERVICES OFFERED: Recordings.

#### Transcription Network

#### Keystone Broadcasting System

Postal Union Life Bldg. Hollywood, Calif. Phone, HIllside 0253

#### Officers 8

President Michael M. Sillerman Vice-President Arthur Wolf Secretary-Treasurer Sidney J. Wolf

> Branch Offices 134 North La Salle St. Chicago, Ill. Phone, State 6543

557 Fifth Ave. New York, N. Y. Phone, MUrray Hill 2-4052

SERVICES OFFERED: Keystone Broadcasting System is a transcription network of 110 affiliated stations from coast to coast covering principally secondary markets of the country. All stations are linked together by means of transcriptions, eliminating wire charges. At time of going to press the network is supplying its affiliates with four hours per day of sustaining programs, seven days weekly. All music broadcast on KBS is cleared at source and is delivered to member-stations tax free. Keystone is at the present time expanding all facilities from coast-to-coast, with activities emanating from New York.

(For stations affiliated with the Keystone Broadcasting System, see page 32.)

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13 Fern Ave., Albany, N. Y. Phone, 2-7291. Script. (For detailed information see listing under Program Producers).

#### American Institute of Food Products

75 West St., New York, N. Y. Phone, WHitehall 4-7303. Script. (For detailed information see listing under Program Producers).

### American-Jewish

Broadcasting Co.
86 Chambers St., New York, N. Y.
Phones, WOrth 2-3322, REctor 2-5341. Script and transcription. (For detailed information see listing under Program Producers)

AMP Recording Studios, Inc. 151 West 46th St., New York, N. Y. Phone, BRyant 9-1247. Script and transcription. (For detailed information see listing under Program Producers).

#### Associated Broadcasting Co.

817 E. 92nd St., Chicago, Ill. Phone, riangle 2244. Director, Frank J. Triangle 2244. Kovach. Transcription. (For detailed information see listing under Program Producers).

#### **Beck Recording Studios**

1722 Hennepin Ave., Minneapolis, Minn. Phone, Atlantic 8901. Script. (For detailed information see listing under Program Producers).

#### **Broadcasters Musual** Transcription Service

818 South Kingshighway Blvd., St. Louis, Mo. Phone, FRanklin 2060. Script and transcription. (For detailed information see listing under Program Producers).

#### Columbia Artists, Inc.

485 Madison Ave., New York, N. Y. Phone, Wickersham 2-2000. Script. (For detailed information see listing under Program Producers).

#### Davis & Schwegler

1009 West 7th St., Los Angeles, Calif. Phone, Trinity 2006. President-General Manager, Herbert H. Aronson. SER-VICES OFFERED: Transcription library of tax-free music and script shows.

#### Draesemer Radio Productions

706 South Detroit St., Los Angeles, Calif. Phone, WAlnut 4528. Script. (For detailed information see listing under Program Producer).

#### Eccles Disc Recordings, Inc.

6233 Hollywood Blvd., Hollywood, Calif. Phone, Hillside 8351. Transcription. (For detailed information see listing under Program Producers).

### **Electrical Sound Engineering**

5303 Kenilworth Ave., Baltimore, Md. Phone, Tuxedo 6006. Sound effect library. (For detailed information see listing under Program Producers).

#### Fox Features Syndicate, Inc.

480 Lexington Ave., New York, N. Y. Phone, PLaza 8-0100. Transcription. (For detailed information see listing under Program Producers).

#### Graham Gladwin, Ace Productions

742 Market St., San Francisco, Calif. Phone, Sutter 4464. Script. (For detailed information see listing under Program Producers).

#### Hollywood Chatterbox Enterprises

5513 Sunset Blvd., Hollywood, Calif. Phone, Hillside 3097. Script and transcription. (For detailed information see listing under Program Producers).

#### Intercontinental Audio-Video Corp.

9 Rockefeller Plaza, New York, N. Y. Phone, CIrcle 7-4560. Transcription. (For detailed information see listing under Program Producers).

#### Italradio, Inc.

193 Hanover St., Boston, Mass. Phone, Capitol 3407. Script. (For detailed information see listing under Program Producers).

#### Kasper-Gordon Studios, Inc.

140 Boylston St., Boston, Mass. Phone, Devonshire 7357. Transcription. (For detailed information see listing under Program Producers).

#### Lang-Worth Feature Programs, Inc.

420 Madison Ave., New York, N. Y. Phone, ELdorado 5-1620. Transcription. (For detailed information see listing under Program Producers).

#### Lippe & Lazarus Productions

407 North Sycamore, Los Angeles, Calif. Phone, Walnut 2445. Script. (For detailed information see listing under Program Producers).

#### Alexander McQueen

185 East Chestnut St., Chicago, Ill. Phone, SUperior 9139. Script. (For detailed information see listing under Program Producers).

#### C. P. MacGregor

729 S. Western Ave., Hollywood, Calif. Phone, Fitzroy 4191. Transcription. (For detailed information see listing under Program Producers).

#### **Melotone Recording Studio**

25 Central Park, West, New York, N. Y. Phone, Circle 6-1366. Transcription. (For detailed information see listing under Transcription Companies).

#### **Charles Michelson**

67 West 44th St., New York, N. Y. Phone, MUrray Hill 2-3376. Script and transcription. (For detailed information see listing under Program Producers).

#### George Miller Productions, Inc.

P. O. Box 506, Culver City, Calif. Script and transcription. (For detailed information see listing under Program Producers).

#### **Modern Productions**

643 Glendora Ave., Akron, Ohio. Phone, HEmlock 9967. Script. (For detailed information see listing under Program Producers).

#### **Hoyt Evans Morris**

2515 Barlum Tower, Detroit, Mich. Phone, Cherry 6622. Script and transcription. (For detailed information see listing under Program Producers).

#### National Broadcasters & Entertainers

Hotel Washington, Indianapolis, Ind. Phones, Lincoln 8131, Market 2541. Script. (For detailed information see listing under Program Producers).

### NBC Radio-Recording Division

Radio City, New York, N. Y. Phone, CIrcle 7-8300. Transcription. (For detailed information see listing under Program Producers).

#### NEA Features, Inc.

REPRESENTATIVE: Stephen Slesinger, Inc., 247 Park Ave., New York, N. Y. Phone, ELdorado 5-2544.

#### **Neff Radio Productions**

1304 Stroh Building, Detroit, Mich. Phone, Randolph 3006. Script. (For detailed information see listing under Program Producers).

#### Photo & Sound, Inc.

152 Kearny St., San Francisco, Calif. Phone, EXbrook 2103. Script and transcription. (For detailed information see listing under Program Producers).

#### George Logan Price, Inc.

3902 West Sixth St., Los Angeles, Calif. Phone, Exposition 1960. Transcription. (For detailed information see listing under Program Producers).

#### Radio Centre, Limited

100 Adelaide St., West, Toronto, Ont., Canada. Phone. Waverly 2036-2856. (For detailed information see listing under Program Producers).

#### Radio Events, Inc.

535 Fifth Avenue, New York, N. Y. Phone, MUrray Hill 6-3487. Script. (For detailed information see listing under Program Producers).

#### Radio Features

3034 P St., N. W., Washington, D. C. Phone, DUpont 1934. Script. (For detailed information see listing under Program Producers).

> Radio Producers of Hollywood

930 North Western Ave., Hollywood, Calif. Phone, Hollywood 6288. Transcription. (For detailed information see listing under Program Producers).

Radio Program Associates

40 East 49th St., New York, N. Y. Phone, ELdorado 5-4228. President, President, Bernard Zisser. SERVICES OFFERED: Transcription.

Radio Writers Laboratory

51 Duke St., Lancaster, Pa. Phone, 2-1387. Manager, M. S. Miller; Script Editor, Scott Clark; Children's Scripts, Margaret L. Smith. SERVICES OF-FERED: Script.

#### Ready-To-Air Service

P. O. Box 1057, New London, Conn. Phone, 2-2864. Partners, Robert Howell, Herbert Hicks. Script. SERVICES OF "man-in-the-street" FERED: Weekly program, children's program.

#### **Religious News Service**

300 Fifth Avc., New York, N. Y. Phone, Algonquin 4-9746. Script. (For detailed information see listing under Program Producers).

#### G. Schirmer, Inc.

3 East 43rd St., New York, N. Y. Phone, MUrray Hill 2-8100. Transcription. (For detailed information see listing under Transcription Companies),

#### The Script Library

535 Fifth Ave., New York, N. Y. Phone, MUrray Hill 6-3488. Station Contact, Martin Lawrence; General Manager, Genevicve Pacc. SERVICES OF-FERED: Script.

#### Sound Recording Studios, Inc.

2016-18 Main St., Dallas, Texas. 7-4636. Transcription. (For detailed information see listing under Program Producers).

#### Henry Souvaine, Inc.

30 Rockefeller Plaza, New York, N. Y. Phone, Circle 7-5666. Script. (For detailed information see listing under Program Producers).

Speedy-Q Sound Effects

1344 S. Flower St., Los Angeles, Calif. Phone, Prospect 2035. Department Manager, Harry Gennett, Jr. REPRESENTA-TIVE: Charles Michelson, 67 West 44th St., New York, N. Y. Transcription.

#### Standard Radio

6404 Hollywood Blvd., Hollywood, Calif. Phone, HOllywood 0188. Transcription. (For detailed information see listing under Program Producers).

#### Star Radio Programs, Inc.

250 Park Ave., New York, N. Y. Phone, PLaza 3-4991. President, Daniel C. Studin; Manager, John C. Treacy; Continuity Supervisor, Burke Boyce; Director of Women's Programs, Gay Lee. REPRESENTATIVES: All - Canada REPRESENTATIVES: All - Canada Radio Facilities, Toronto, Ont. (Offices also in Montreal, Winnipeg, Calgary and Vancouver.) SERVICES OFFERED: Script.

#### TransAir, Inc.

105 West Adams St., Chicago, Ill. Phone, Central 0320. Transcription. (For detailed information see listing under Program Producers).

#### Thomas J. Valentino

729 Seventh Ave., New York, N. Y. Phone, BRyant 9-5543. Transcription. (For detailed information see listing under Program Producers).

#### World Broadcasting System, Inc.

711 Fifth Ave., New York, N. Y. Phone, Wisconsin 2-2100. Transcription. (For detailed information see listing under Program Producers).

Bernard Zisser, Inc. 40 East 49th St., New York, N. Y. Phone, ELdorado 5-4227. Transcription. (For detailed information see listing under Program Producers).

#### Karl Zomar Script Service

KWTO Bldg., 08 St. Louis St., Springfield, Mo. Phone, 1360. Director, Fred McGhee. SERVICES OFFERED: Script library.

### **MANAGERS** and **AGENTS**

Addresses and Telephone Numbers of Those Who Handle Talent in New York, Los Angeles and Chicago



Allen, Charles H. RKO Bldg
Allied Radio Associates, Inc. 724 Fifth Ave
Appell, James 1270 Sixth Ave
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By JOHN G. PAINE

General Manager

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#### New York

WABY, Albany WOKO, Albany WMBO, Auburn WNBF, Binghamton WBBR, Brooklyn WCNW, Brooklyn WBEN, Buffalo WEBR, Buffalo WGR, Buffalo

WEBR, Buffalo WGR, Buffalo WKBW, Buffalo WCAD, Canton WENY, Elmira WGBB, Freeport

WHCU, Ithaca
WJTN, Jamestown
WGNY, Newburgh

WABC. New York WBNX, New York WEAF, New York WINS, New York

WJZ, New York WNYC, New York WOR, New York WOV, New York WQXR, New York WSLB, Ogdensburg

WMFF, Plattsburg WKIP, Poughkeepsie WHAM, Rochester

WHEC, Rochester WNBZ, Saranac Lake WGY, Schenectady

WFBL, Syracuse
WSYR, Syracuse

WHAZ, Troy WTRY, Troy WIBX, Utica

WFAS, White Plains WWRL, Woodside

WISE. Asheville

#### North Carolina

WWNC, Asheville WBT, Charlotte WSOC, Charlotte WDNC, Durham WGNC, Gastonia WBIG, Greensboro WGTC, Greenville WHKY, Hickory WMFR, High Point WPTF, Raleigh WRAL, Raleigh WCBT, Roanoke Rapids

WEED, Rocky Mount WSTP, Salisbury WMFD, Wilmington

WGTM, Wilson WAIR, Winston-Salem WSJS, Winston-Salem

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KFYR, Bismarck KDLR, Devils Lake WDAY, Fargo KRMC, Jamestown KGCU, Mandan KLPM, Minot

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WDAC, Akron WAKR, Akron WJW. Akron WICA, Ashtabula WHBC, Canton WCKY. Cincinnati WCPO, Cincinnati WKRC. Cincinnati WLW, Cincinnati WSAL Cincinnati WCLE, Cleveland WGAR. Cleveland WHK, Cleveland WTAM, Cleveland WBNS, Columbus WCOL, Columbus WHKC, Columbus WOSU, Columbus WHIO, Dayton WING. Davton WLOK, Lima WMRN, Marion WPAY. Portsmouth WIZE, Springfield WSTV, Steubenville WSPD, Toledo WTOL, Toledo WFMJ. Youngstown WKBN, Youngstown WHIZ, Zanesville

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WEAN, Providence WJAR, Providence WPRO, Providence

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WBAP, Fort Worth KPRC. Houston KTRH. Houston KXYZ, Houston KOCA, Kilgore KPAB, Laredo KFRO. Longview KFYO, Lubbock KRLH. Midland KPDN, Pampa KPLT. Paris KPAC. Port Arthur KGKL San Angelo KABC, San Antonio KONO, San Antonio KTSA, San Antonio WOAL San Antonio KRRV. Sherman KTEM, Temple KCMC, Texarkana KGKB, Tyler KVWC, Vernon WACO, Waco

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WTAQ, Green Bay
WCLO, Janesville
WKBH, La Crosse
WHA, Madison
WIBA, Madison
WEMP, Milwaukee
WISN, Milwaukee
WTMJ, Milwaukee
WRJN, Racine
WHBL, Sheboygan
WDSM, Superior
WSAU, Wasau
WFHR, Wisconsin Rapids

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KDFN, Casper KFBC, Cheyenne KYAN, Cheyenne KVRS, Rock Springs KWYO, Sheridan

#### Alaska

KINY, Juneau KHBC. Hilo

#### Hawaii

KHBC, Hilo KGMB, Honolulu KGU, Honolulu KTOH, Lihue

#### Puerto Rico

WPAB, Ponce WKAQ, San Juan

# SESAC

#### BY PAUL HEINECKE

President

SESAC will maintain the same policies it has followed since its founding in 1931, namely to extend full cooperation to all commercial users of music and to make available the best music for any type of program.

SESAC has long term licenses with nearly 700 radio stations in the United States and all national and regional networks, in addition to similar agreements with major hotel chains and leading theatres. All licenses approaching their expiration dates have been renewed for an additional five year period.

SESAC control performance rights, synchronization rights and mechanical rights in 125 music catalogs, the majority of which are American publishers. More than 55,000 copyrighted musical compositions are contained in these catalogs.

The SESAC Music Guide, recently issued, lists 200 classifications of music, and indicates the publishers from whom these various types of music can be ordered. SESAC music includes some of the works of Victor Herbert, Rudolf Friml, Edward MacDowell, Frankie Carle, Richard Strauss, Jan Sibelius, Mrs. H. A. Beach, Charles Wakefield Cadman, Franz Lehar, Igor Stravinsky, Eugene Zador and many others. SESAC also controls thousands of hymns and religious music for every denomination; thousands of hillbilly, western and cowboy ballads; brass band and patriotic music; orchestra, instrumental and vocal material; and music of every other category, thus providing the broadcaster with diversified and well balanced musical programs.

SESAC compositions are also obtainable in recorded form on hundreds of phonograph records and transcriptions, and are featured in film productions of all major film studios.

SESAC, for the past ten years has maintained a staff of traveling field representatives to contact radio stations, advertising agencies, transcription companies, motion picture studios and other licensees, for the purpose of assisting them in their music and program problems. This close cooperation has proved invaluable and has assisted SESAC to anticipate the music needs of its licensees.

SESAC receives hundreds of unsolicited letters from broadcasters confirming the value of the SESAC music repertory and expressing appreciation for the helpful visits of our field representatives during the past ten years; for the cooperative policy of SESAC, and for the excellent music supplied by SESAC's publisher affiliates.

SESAC is proud of its enviable reputation based on a decade of service to the radio industry, and proud to deserve the many expressions of appreciation from the radio industry.

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#### — **v** —

Vogel, Jerry, Music Ca., Inc., 112 West 44th Street, New York City.

Von Tilzer, Harry, Music Publishing Co., 1587 Broadway, New York City. Von Tilzer, Will, 1619 Broadway, New York City.

#### $-\mathbf{w}$

Weil, Milton, Music Co., Inc., 1250 Sixth Avenue, New York City.

White-Smith Music Publishing Co., 13 East 17th Street, New York City.

Williams, Clarence, Music Publishing Co., Inc., 145 West 45th Street, New York City.

Willis Music Co., 3 East 43rd Street, New York City.

Witmark, M. York City. M., & Sons, 1250 Sixth Avenue, New

Wood, B. F., & Co., 88 St. Stephens Street, Boston, Mass.

Words and Music, Inc., 1697 Broadway, New York City.

#### — **z** —

Zalewski, B. J., 1505 W. Thomas, Chicago, III.

## FREQUENCY MODULATION

By LT. COL. GUSTAVUS REINIGER Radio Engineering Laboratories, Inc.

IN 1940 Frequency Modulation (F.M.) has climbed dramatically out of the experimental classification to win the F.C.C. stamp of approval as a full fledged commercial broadcasting service. Three years ago Radio Engineering Laboratories, Inc., co-operating closely with the inventor, Major Edwin H. Armstrong, was the only manufacturer devoting an important part of its attention to F.M. transmitter equipment. Today there are three other large companies in this field: Western Electric, General Electric and R.C.A.; while Westinghouse is reported to be also planning to come into the field.

Three years ago no one was manufacturing F.M. receiving sets in quantity—today there are more than twenty-five thousand sets in use, most of these sold in the past six months. Ten or more manufacturers are making F.M. receivers and combinations. Radio dealers generally, where F.M. programs can be heard, are reporting increases in sales volume of 40 per cent or more because of F.M. interest. A very good all-use combination (shortwave, standard radio, 10-record changer, and F.M.) has sold a record volume in a New York department store priced at \$139.50. A good table model set with standard radio and F.M. sells for \$70.00. A considerable number of F.M. tuners which are designed to add F.M. to present radio sets have been bought by the public.

Frequency Modulation development seems to be following in the footsteps of its predecessor A.M. A year and a half ago anyone could have applied for a one-kilowatt experimental F.M. transmitter and got on the air promptly. In metropolitan centers such as New York City, Chicago and Philadelphia it is already doubtful whether there will be enough frequencies for all those who wish to enter this new method of broadcasting. Besides leaders in the present broadcasting industry, leaders in other industries are applying for and getting construction permits for F.M. stations, notably newspapers and department stores in New York City, Baltimore and Los Angeles. At time of going to press, due to limitations by the FCC and its regulations regarding F.M. Broadcast stations, New York City has a greater number of applications than there are available frequencies.

#### F. M. and the War

The participation of the United States in a major war is an item of uncertainty to some prospective F.M. broadcasters. It is likely however, that the vagaries of a modern war will only make the superiority of F.M. show up with greater clarity, just as this super-mechanized war has made all other kinds of excellence in technical equipment much more pronounced.

Besides its peace time excellence, F.M. is almost impossible to jam. Long distance aerial raiders would not be able to use F.M. stations to ride into the United States on their guiding signals, but all A.M. stations will have to be shut down whenever an air-raid is immunent, as is now done in Germany.

#### F. M. Networks

What about F.M. networks? During the past year repeated successful demonstrations have been given of relaying F.M. programs through four to seven stations, without the slightest impairment of the program. This ability to relay programs through dozens of stations is one of the greatest powers of F.M. It makes for an elasticity of combination quite impossible with the A.M. system of broadcasting. Several F.M. networks have been under discussion for some months. During the coming year one or more of these will probably take definite commercial form.

Will F.M. pay? There are already thousands of enthusiastic listeners. The next year will make this number millions. F.M. is ideal for automobile radio. It eliminates all the noise, but it is still so young that this important phase has had almost no discussion.

Major Armstrong recalls the time some years ago when he expressed the opinion that a superhetrodyne A.M. receiving set could not be manufactured for less than \$100.00. He invented the Superhetrodyne just as he did F.M. We are now all familiar with the thousands of Superhetrodyne A.M. sets that sell for \$9.00 to \$15.00. So Major Armstrong now says, "If the public wants F.M., ways will be found to meet every man's pocketbook."



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(STILL BREAKING IN MY ACT ON KRAFT MUSIC HALL)

77

Exclusive Management
WILLIAM MORRIS AGENCY, INC.

# Radio Artists



#### AND THEIR WORK DURING 1940





ABBOTT, BUD

Kate Smith Hour. CBS. ACE, GOODMAN

NBC. Easy Aces.
ACE, JANE
NBC. Easy Aces.
ACUFF, RAY
WSM, Nashville, Tenn. Grand Ole Opry.

Ole Opry,
ADAIR, JEAN
WHKC, Columbus, Ohio, Jean
Adair On The Air,
ADAMS, BILL
CBS, Hilltop House,
ADAMS, BILL

KSFO, San Francisco, Calif. KSFO Farm Journal.

ADAMS, DEBORAH KYW, Philadelphia, Pa. Garden Beautiful.

ADAMS, DOC RHSL, Chico, Calif Drama of History.

ADAMS, FRANKLIN P.

NBC, Information Please, ADAMS, LESLIE

KFAC. Los Angeles, Calif. On the Street.

ADAMS, MRS. MART
WKY, Oklahoma City, Okla.
Aunt Susan's Kitchen On the

AHERN, REV. MICHAEL J. WNAC. Boston. Mass. Catho-

lic Question Box.

AINSLEE, ANN

KMPC. Beverly Hills. Calif.

Policewoman Christie.

ALEXANDER, A. L. WHN, New York, N. Y. Medi-ation Board.

ALEXANDER, BEN
NBC. Little Of Hollywood.
This Moving World. Chase and Sanborn Program

ALEXANDER, PAUL KUTA, Salt Lake City, Utah Noonday Heat Wave.

Noonday Heat Wave.
ALLEN, ARTHUR
CBS. Kate Smith Hour.
ALLEN, BARBARA JO
NBC. The Signal Carnival.
Chase and Sanborn Program. ALLEN, CHARME

NBC. David Harum. ALLEN, FRED

The New Fred Allen Show NBC. Texaco Star Theater CBS.

ALLEN, GRACIE CBS-NBC. Burns and Allen.

ATLEN, KATHRYN
KYA, San Francisco, Calif.
ALLEN, DR. W. B.

WLPM. Suffolk. Va. Health Chais

ALLENBY, PEGGY
Life Can Be Beautiful CBS.
David Harum NBC, Adventures of Ellery Queen, CBS.

ALLISON, FRAN NBC, Uncle Ezra's Radio Sta-tion EZRA.

ALLISON, JONE

NBC. The Aldrich Family,
The Light of the World.

ALLMAN, ELVIA NBC.

NBC. Bob Hope Show. ALSTEADER, ANNE

WSAV, Savannah, Ga. Saga of Savaunah.

AMECHE, ODN NBC. Old Gold Show.

AMECHE, JIM Hollywood Playhouse.

AMSDELL, WILLIAM NBC Houseboat Hannah

ANDERSON, BOB WJHO Opelika, A ANDERSON, EDDIE

ROCHETSTER"

NBC. The Jell-O Program.
ANSON, BILL
WIND WJJD, Gary, Ind. Chi-

cago, Ill. Traffic Court, Mu-sical Portraits, ANTHONY, BOB

WOLF, Syracuse, N. Y. Sand-man's Serenade.

APPLEBY, RAY
CBS, Young Doctor Malone. ARCHER, THOMAS

CFCF, Montreal, Que. Lest

We Forget. ARD SISTERS

KWKH, Shreveport, La. Arizona Ranch Girls.

ARNALL, CURTIS

NBC. Pepper Young's Family.
ARNOLD, BETTY

NBC. Guiding Light Wings of

ARNOLD, WALTER KMPC, Beverly Hills, Calif. Policewoman Christie.

ARRANTS, NEAL WOPL Bristol, Ter Heme Folks Serenade. Tenn. Va. ASCOT, RITA

NBC. Ovydol's Own Ma Per

ATCHESON, SALLY CFJC, Kamloops, B. C. Broad-east Theater.

cast Theater.
AUBREY, WILL
KGO-KPO, San Francisco,
Call, In The Good Old Days.
At DRIST, VIRGINIA
WCAT, Rapid City, S. D.
AUERBACH, ARTIE
CBS. Joe Penner Program, Al
Pearce and His Gang.
AUSTIN "SHUCKS"
KMOX, St. Louis, Mo. Ozark
Varieties, Old Fashiomed Barn

Varieties, Old Fashioned Barn

AUTRY, GENE CBS. Melody Ranch.

- B -

BECHTOLD, MARY JEANETTE KSAL, Salma, Kans,

BACKUS, GEORGIA
NBC. One Man's Family.
BACON, MILTON
WCKY, Cincinnati, Ohio. Places Worthwhile And Folks

Places Worthwhile And Folks Worth Knowing. BAFR, PARLEY KSJ. Salt Lake City, Utah. BAILEY, MILDRED WTAG, Worcester, Mass. Af-ternoon Journal. BAILEY, RUTH

Woman in White CBS, Right Happiness CBS, Guiding

Light NBC.

BAIRD, ALEX

CFCF, Montreal, Que. Of Ships and Men.

BAKER, ART KECA-KFI, Los Angeles, Calif. Notebook Ambassador of Goodwill.

RAKER, EVANGELINE
KROY, Sacramento, (
Who's Dancing Tonight,
BAKER, THELMA Calif.

WAPO, Chattanooga, Tenn.
BALL, LARRY
WISN, Milwaukee, Wisc. Down
By Hermans.

BALZER, ROBERT KMPC, Beverly Hills, Calif. KMPC, Beverly Hills, Calif. What Shall I Have For Din-

BANKS, JOAN NBC. This Small Town. BARCLAY, LUISE

NRC. Backstage Wife, nold Grimm's Daughter. BARD, KING WLAV, Grand Rapids. Backstage Wife,

Grand Rapids, Mich. BARFIELD, JOHNNY WRBL, Columbus, Ga. Korn Time.

BARNES, WADE WTAM, Cleveland, Ohio, Know Your Notes

BARNEY, MARION
When A Girl Marries CBS,
Pepper Young's Family NBC,
BARRETT, ARTHUR H.
WGH, Newport News, Va.

WGH, Newport News, V Your Hollywood Spectator.

BARRETT, PAT NBC, Uncle Ezra's Radio Sta-tion EZRA.

BARROWS, RICHARD CBS. Young Ductor Malone. BARRY, MARGARET

KIRO, Seattle, Wash. Fa Goose Comes To Town. BARRYMORE, JOHN NBC. Rudy Vallee Hour. Father

BARTON, CLARA WDZ, Tuscola, III, The Barton Family

BARTON, JOHN WDZ, Tuscola, Ill. The Barton Family.

BARTON, WILMA KUOA. Siloam Springs, Ark, Book Reviews.

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BAUER, CHARITA NBC. Orphans of Divorce, Set Sail.

BAUMHOVER, JANET KEX-KGW, Portland, Ore.

BEALIN, FRANK
CBS. Young Doctor Malone.
BECK, JACKSON

Gasoline Alley MBS,

Helen Hayes CBS. Kate Smith CBS, Young Doctor Malone MB.

BECKER, BOB NBC. Bob Becker's Chats

About Dogs.

BEHMILLER, HELEN

NBC. Story of Mary Marlin.

BEHRENS, FRANK
Romance of Helen Trent CBS,
Road of Life, NBC, Arnold
Grimm's Daughter NBC, Jack

Armstrong NBC.
BELCHER, RED
WDZ, Tuscola, Ill. Kitchen
Barn Dance.

BENNELL, JULIE

WKY, Oklahoma City, Okla. Guild Playhouse, Karen Kerr

Guild Playhouse, Karen K Shop Scout. BENNY, JACK NBC. The Jello Program. BENTLEY, SPENCER CBS. Hilltop House. BERG, ELAINE KFJM, Grand Forks, N. D.

BERG, GERTRUDE CBS. The Goldbe The Goldbergs.

BERGEN, EDGAR
NBC. The Chase and Sanborn

Program. BERGMAN, TEDDY
CBS. The O'Neills.
BERLE, MILTON

BERNIE, BEN NBC. Ben Bernie's Musical

BERWICK, VIOLA

CBS. Scattergood Baines.

BERWIN, BERNICE

NBC. One Man's Family.

BICE, BOB KFSG, Los Angeles, Calif. Bob and Audrey, The For-gotten Man, The Anderson Family, Our American Pam-

BIEBER, FRED WTHT, Hartford, Conn. Hart-

ford Speaks

BINGHAM, LESLIE

NBC. Against the Storm.
BINYON, CONBAD
NBC. One Man's Family.
BIRD, DORIS

KMO, Tacoma, Wash. You and Your Home.

BISHOP, FRED WNAC, Boston, Town Hall Party. Boston, Mass. Fels

BJORGO, ROBERT KWLC, Decorah, Ia. Masterworks

BLACKWELL, BURT WAVE, Louisville, Ky. Man On the Street.

BLAINE, JOAN NBC. The Valiant Lady.

BLANC, MEL CBS. Al Pearce and His Gang.

BLANCHARD, LOWELL WNOX, Knoxville, Tenn. Mid-day Merry-Go-Round, Swingstertime.

BLAND, AL WCKY, Cincinnati, Ohio, Morn

Patrol.

BLANK, REVEREND R. G. WDGY, Minneapolis, Minn. Family Altar. BLANTON, ELIZABETH

KRBC, Abilene, Texas. What's

BLOCK, MARTIN
WNEW, New York, N. Y.
Make Believe Ballroom.

BLOCK, VIVIAN
NBC. The Aldrich Family.
BOND, JOHNNY

CBS. Gene Autry's Melody Ranch.

BOTSWORTH, JAMES

CBS. Second Husband. BOUCHER, V. CKCH, Hull, Que. Le Reveil

Rural. BOUCHLEY, BILL

Romance of Helen Trent, CBS. Womin In White CBS,

Guiding Light NBC.

BOWES, MAJOR EDWARD

CBS. Major Bowes' Original Original Amateur Hour.

Amateur Hour.
BRADFORD, JOHN
WHDL, Olean, N. Y. From
the Poet's Corner.
BRADLEY, TRUMAN
NBC. Union Oil Program.
Hollywood Playhouse.
BRAHAM, HORACE
CBS. Woman of Country

CBS. Woman of Courage. BRANDLOW, BELLE

WMRO, Aurora, III. Friendly

BRAYTON, MARGARET Al Pearce and His Gang CBS, Little Ol' Hollywood NBC.

BRECKNER, GARY RECKNER, GARL KNX, Los Angeles, Calif. Catalina Fun Quiz, Catal Mailbag, Meet the Missus. BREMNER, MURIEL

CBS. Road of Life.

BRENNEMAN, TOM

KNX. Los Angeles, Calif.

Answer Auction, Spelling Bee Liner, Good Afternoon Neighhor

BRENT, BARBARA WFAA, Dallas, Texas.

BRICE, FANNY NBC. Good News of 1940,

Maxwell Party.
BRICKERT, CARLTON

NBC. The Story of Mary Mar-lin, Girl Alone, Houseboat Hannah, Show Boat, Thunder over Paradise.

BRINK, VIRGINIA KMPC, Beverly Hills, Calif. Policewoman Christic.

BRODERICK, EARNEST WMBS, Uniontown, Pa. Saturday Evening Jamboree.

BROOKS, THOMAS KGB, San Diego, Calif. Look at Books with Tom Brooks.

BROWN, ALLEN WMIIA, Annistotn, Ala. Views and Interviews.

BROWN, BILL WLPM, Suffolk, Va. Dream River.

BROWN, FRANK
WCCO, Minneapolis-St. Paul,
Minn. Sunrisers.

BROWN, HIMAN

Jordan. Girl CBS. Joyce Interne.

BROWN, JOHN LEE KMPC, Beverly Hills, Calif.

Hollywood Chatterbox.

HOUSWOOD Chatterbox.

BROWN, MARY
WSUN, St. Petersburg, Fla.
Cooking School of Air.

BROWN, VIRGINIA
NBC. Ellen Randolph.

BRUCE, NIGEL
NBC. The Adventures of

NBC. The Adventures of Sherlock Holmes. BRUSH, ALBERT KMPC, Beverly Hills, Calif.

Meet the Author. BRYAN, ARTHUR Q.

CBS. Al Pearce and His Gang. BRYAN, WARREN CBS. Our Gal Sunday

BRYANT, GOEFFREY NBC. Death Valley Days.

BUFFUM, JESSE WEEL, Boston, Mass.

Farmers' Almanac of the Air. BULL, HOWARD

KVOA, Tueson, Observer, Crusad Ariz. Crusade for Safety.

BUNCE, ALAN
CBS. Young Doctor Malone.
BURDICK, CORNELIA

KPO, San Francisco, Calif.

Dr. Kate. BURNS, BOB

NBC. Kraft Music Hall. BURNS, GEORGE CBS-NBC. Burns and Allen. BUTTERFIELD, HERBERT

NBC. Kitty Keene, Jack Armstrong, girl Alone. Tom Mix.

BUTTERFIELD, PRUDY WMBC, Detroit, Mich. dren's Safety Club.

BUTTERWORTH, WALLY

CBS. Vox Pop.
BYERS, BILLIE
NBC. Hawthorne House.

#### — c —

CALDWELL, ORESTES H.

CALL, MARIAN
WNOE. New Orleans. La. HiLites from Hollywood, Women's World.

CALLAHAN BROTHERS

KRLD, Dallas, Texas. CALVERT, REV. G. R. CJRC, Winnipeg, M Manitoba.

Morning Devotions.
CAMERON, W. J.
CBS. Ford Sunday Evening Hour.

CAMP, DEL Vagabond Dreams. CAMPBELL, MARVEL

WAIR, Winston-Salem, N. C. Art of Entertaining.
CANTOR, EDDIE
NBC. Time to Smile.

CARD, CLELLAN WCCO, Minneapolis-St. Paul, Minn. Almanae of the Air, Saturday Ayem Open House, Sunrisers.

CARD, KATHRYN

NBC. The Story of Bud Barton, Uncle Walter's Doghouse, Girl Alone.

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#### RADIO ARTISTS

CAREY, MACDONALD NBC. Ellen Randolph, Stella Dallas, Linda Dale, CARLISLE, BILL WNOX, Knoxville, Tenn. Midday Merry-Go-Round. CARLISLE, CLIFF WNOX, Knoxville, Tenn. Midday Merry-Go-Round. CARLON, FRANCIS

NBC. The Story of Mary
Marlin. The Story of Bud
Barton, Girl Alone, Thunder Over Paradise. CARLON, LINDA NBC. The O'Neills, The Parker Family. CARLSON, KENNETH KMBC, Kansas City. Scrappy O'Brien and His Toy Band, Camel Caravan, Prairie Sweethearts, Penny Serenade. Rhythm Riders and Judy Allen, Brush Creek Follies. Early Birds Show, Dinner Bell Roundup. CARLTON, DEAN CBS. Adventures of Ellery Queen CARNEY, GRACE CBS. Hilltop House. CARPENTER, CLIFF CBS. Woman of Courage, We the Abbotts CARSON, JACK
NBC. The Signal Carmival.
CARSON, PAUL NBC, One Man's Family, CASH, MARY KFAR, Fairbanks, Alaska, The Woman' Radio Journal, CASKIN, HELENE M. KYW. P Story Lady Philadelphia. CASSILL, PEGGY WGNY, Newbu Peggy's Kitchen. Newburgh. CAVANAUGH, EDDIE WCFL, Chicago, Il Gossip Club, CAVANAUGH, FANNY Chicago, Ill. Radio WCFL, Chicago, 111. Gossip Club. Radio CHALMERS, THOMAS NBC. Pepper Young's Family. CHAPIN, MARTHA KMPC. Beverly Hills. Calif. Policewoman Christie CHARLTON, ELLA MAE WJHO. Opelika, Ala. Mickey Mouse Club CHASE, EDDIE WIND, Gary, Ind. Off the Record CHASE, ILKA
NBC. Luncheon at the War CHESHIRE, HARRY "HAPPY" KMOX, St. Louis, Mo. Ozark Varieties, Old Fashioned Barn Dance CHEW, VIRGILIA

Adventures of Ellery

CHILDREN, GEORGE CFAR, Flin Flon, Manitoba, Legion Parade.

CHILTON, RUTH WSYR, Syracuse, N. Y. Ruth

CBS. By Kathleen Norris.

CBS Queen.

Chilton Matinee. CHOATE, HELEN

CHOTZINOFF, SAMUEL NBC. NBC Sympho Symphony Orchesttra. CLAIRE, HELEN CBS-NBC. The O'Neills. CLARK, CLIFF NBC. The Gilmore Circus.
CLARK, J. BABEL
KNOW, Austin, Texas, Reed and Randle. CLARK, JOAN WLEU, Eric, Pa. The Woman Listens CLARK, RUTH WSUN, St. Petersburg, Fla. Women of Our Town. CLARK, VIRGINIA CBS, Romance of Helen Trent. CLIFFORD, 4ACK NBC, The Gilmore Circus. CODY, HARRY
NBC. The Gilmore Circus,
CODY, WAVNE
WIP, Philadelphia, Pa. Easy
Does It. COHEN, BETTY RUTH
WLOG, Logan, W. Va. Radio
Players Incorporated.
COLBERT, JEAN CBS. Young Doctor Malone. COLEMAN, NANCY CBS. Young Doctor Malone. COLLINS, RAY Cavaleade of America NBC, Martha Webster CBS.
COLLINS, TED
CBS. Kate Smith Hour. COLLVER, CAROL
WFTL, Ft. Landerdale, Fla.
Gussie Gossip. COLLYER, CLAYTON CBS. Kate Hopkins, Second Husband. COLONNA, JERRY NBC. The Pepsedent Show. COLTON, KINGSLEY (BS. My Son and I. CONKLIN, PEGGY CONLAIN, PEGGY
CBS. Big Sister.
CONLEY, PATTY
CBS. Scattlergood Baines.
CONNOY, GLESS
KIRO, Scattle, Wash. Fark
Goose Comes To Town.
CONTE, JOHN
CBS. II Harmond in Hall Wash, Father It Hamened in Holly-CBS Loose COOGAN, RICHARD Young Doctor Ma Lone Journey NBC. Malone CBS. COOK, DONALD Martha Webster CBS, Mother of Mine NBC. COOK, PHIL CBS WABS. Morning A]manac CORKLE, HUNTLEY CFJC, Kamloops, B. C. Broadcast Theater. CORRELL, CHARLES J. CBS Amos in Andy.
COSTELLO, LOU
CBS. Kare Smith Hour.
COTT. TED
NBC. So You Think You Know Music. COULE, HELEN Hilltop House CBS, Ellen Randolph NBC, COUNCIL, HARRIET WLPM, Suffolk, Va.

COWAN, GAY WAAT, Jersey City, N. J. Gay WAAR, Jersey Uny, N. J., Gay Goes To Town. COWAN, JAMES KFJM. Grand Forks, N. D. COWLES, DELEVAN WTAR. Norfolk, Vo. Fashion and Thrift. "RABTREE, KATHERINE KGB, San Diego, Calif. For Ladies Only CRAIG, NANCY BOOTH NBC. The Woman of Tomor-row, The Wondereup Hour, CROCKER, BETTY NBC. Betty Crocker Program. CROCKER, JIM KRLD, Dallas, Texas. CROMWELL, RICHARD CBS. Those We Love.
CRONKHITE, GLADYS
NBC-KPO, San Fra Francisco. Calif International Kitchen. CROSBIE, GEORGE WNAC, Boston, Mass. Voice Apothecary. CROSBY, BING NBC, Kraft Music Hall, CROSBY, BOB NBC. Camel Caravan CROSS, PAT KMA, Shenandoah, Ia. CROSS, SKEET KMA. Shenandoah, la. CROWDER, CONNIE CBS. Right to Happiness. CROWLEY, MATTHEW Life Can Be Beautiful. CBS. CRUMIT, FRANK NBC. Battle of the Sexes. CRYSTAL, YVETTE NBC. The Story of Bud Barion CUNEEN, NORA

NBC, Uncle Ezva's Radio Station EZRA. CURTIN, 408EPH CBS. Second top House Second Husband, Hill-CURTIS, MARGARET CBS. Hilltop House. - D -DALTONY JANE
WSPA. Spartanburg, S. C.
DAMEREL, DONNA CBS. Myrt and Marse.
DAMON, LESTER
NBC. Lone Journey. NBC, Lone J DANE, FRANK NRC. Arnold Grimm's Dans. ter, The Story of Mary Mar-DAYANT, MARY
WBT, Charlotte, N. C. Woman's World, Young America
on the Air. DAVENPORT, MARY KMPC. Beverly Hills, Calif. Policewoman Christie DAVIDSON, GRETCHEN (BS. Martha Webster.
DAVIES, LYNNE
WAIR, Winston Salem, N. C.
Lynne Davies Notebook.
DAVIS, EDITH
(FBS. Stampather.

CBS. Stepmother.

DAVIS, OSCAR

DAVIS, MAUDE CBS. Kate Smith Hour.

WBEN. International House

Review.

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DAWLEY, MARY This Moving World. NBC. DAY, DOROTHY CBS. Romance of Helen Trent. DAYS, BILL NBC, CBS, MBS. DEAN, BOBBE NBC. Hawth NBC. Hawtnome rouse.

DeCAMP, ROSEMARY
CBS. Dr. Christian.

DeKOVEN, ROGER
Life Can Be Beautiful CBSNBC. The Light of the
World NBC, Against The Hawthorne House. world St Storm NBC. DeMILLE, CECIL B. CBS. Lux Radio Theatre, DEMLING, BILL NBC. Show Boat.
DENNETT, JACK
CJRC, Winnipeg, Manitoba. Toast and Marmalade. DENNIS, ALBERT N. WJSV. Washington, Labor News Review. DENNIS, MARJORIE D. C. WAPI Birmingham, Story Lady. DENNY, JR., GEORGE V. NBC. America's Town Meet-

.

Second Husband CBS, Bob Hope Show NBC, Jergens Journal NBC, Ripley, Belleve It or Not CBS. DEZIEL, P.
CKCH, Hull, Que. Le
Theatre do l'Outaouais. Le Petite DIAMOND, STEPHANIE KDKA, Pittsburgh, Pa. Bernie Armstrong At the Organ.

DICKSON, NANCY

WJHO, Opelika, Ala. C.
man Family. Cole-DICORSIA, TED CBS. Adventures of Ellery Queen. DIEHL, ED WSB, Atlanta, Ga. DIEHL, ILKA CBS Romance of Helen Trent DONALD, PETER
NBC. Bright Ideas Club. DONNELLY, JIMMY Hilltop House The Hilltop House CBS, The O'-Neills CBS-NBC, Martha Web-DONNELLY, TOMMY Second Husband CBS, Young Widder Brown NBC.

DOOLEY, JIM WSTV.

Backstage. NBC. Lil Abner.

DOUGLAS, DON

DOWLING, JEANNETTE NBC. Road of Life. DOWLING, ZEEK WWNC. Asheville. N. Around The Movie Dial. DOYLE, LEONARD NRC Mr. District Attorney. DRAKE, ALLEN CBS. Adventures of Ellery Queen. DRAKE, GALEN KSFO, San Francisco, Calif. Housewives' Protective League. DRAPER, LEE WICC, Bridgeport, Conn. Your Old Timer. DuBOIS, HENRY WSAV, Savannah, Ga. Saga of Savannah. DUDLEY, DONALD NBC. Hawthorne House. Mine to Cherish.

DUDLEY, DORIS

CBS. Meet Mister Meek.

DUGAN, BETTY WWSW, Pittsburgh, Campus Scout Craddock. DUMAS, HELEN CBS. Young Doctor Malone. DUMAS, HELENE NBC Eilen Randolph. DUMKE, RALPH Martha Webster. CBS.

Highway NBC, Five Star Final

Angeles, Calif.

DOUGLAS, DOUG KFAC, Los Angeles, The Funny Paper Man.

WMCA



NBC. America's Town Meding of the Air.

DEVINE, ANDY

NBC. The Jello Program.

DEVITT, ALAN

NBC. Against The Story

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DE WIT, JACQUELINE

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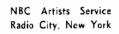
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GLASS, DORINE WSAV, Savannah, Ga. Saga of Savannah.

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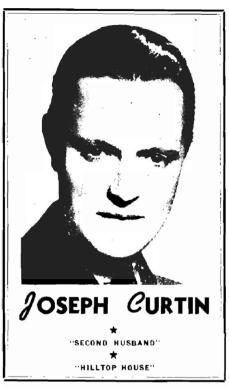


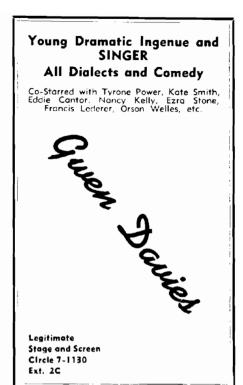
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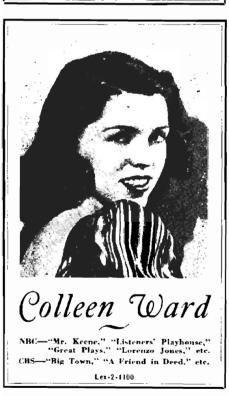
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NBC. Hoosier Hop.

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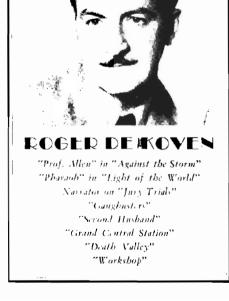
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CBS. Woman of Courage,

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NBC. Sam Hayes, The Weekly

Speciator.

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NBC. Calling All Stamp Collectors, Capt. Tim Healy Stamp

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CBS, Scattergood Baines. HEATTER, GABRIEL CBS. We. The People

HECKSCHER, ELIZABETH CBS. Woman of Courage HEDGE, RAY CBS. Myrt and Marge.

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Road of Life CBS-NBC, The
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Sunrise Salute.

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Texaco Star Theater

CBS. The New Fred Allen Show NBC

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CBS, Romance of Helen Trent, HOGAN, CLAUDINE KRLH, Midland Texas For

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HOLBROOK, JOHN
Life Can Be Beautiful CBSNBC.

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NBC, Frank Watanabe and

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NBC. Oxydol's Own Ma Per-

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CBS. Joyce Jordan, Girl In-

terne

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NBC. What's My Name.

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NBC. Arnold Grown's Daugh-ter, Guidnet Light.

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#### – L –

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LEE, EARL
NBC, Doctor Kate,
LEEDS, KATHRYN ROYCE
WICC, Bridgeport, Conn. V
man's Viewpoint.

LEVANT, OSCAR

NBC. Information Please. LEVY, ESTELLE

CBS, Hilltop House, LEWIS, DON

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LEWIS, FORREST CBS. Woman in White, Sent tergood Baines.

LEWIS, HELEN
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NBC. The Jello Program. LOCKE, RALPH

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LOCKERBIE, BETH CJRC, Winnipeg, Manitoba, Woman's Radio Digest.

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NBC. Gangbusters, Valuant
Lady, Mr. District Afterney, Valiant Grand Central Station, Famous O'Henry Jury Trials.

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WAAB, Boston, Mass. Sol Quiz

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kers NBC, Guiding Light.
LOYD, ERR
CFUP, Montreal, Que. The
Theater Review.
LUCAS, PALL
WTIC, Hartford, Conn. Wrightwille Sketches.
LUDDY, BARBARA
CBS, First Nighter.
LUTHER, PAITL
NBC, Mother of Mine.
LYNCH, KENNETH
NBC, The Bishop and the

NBC. The Bishop and the

Gargoyle LYNN, EVE KMPC, Beverly Hills, Calif.

Policewoman Christie. LYON, CHARLES

NBC. Girl Alone, Plantation Uncle Walter's Dog Party House.

LYONS, RUTH WKRC, Cinemnati, Obio. Wo-man's Hour, Open House

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McARTHUR, HUGH

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McBRIDE, DeWITT

NBC, Famous O'Henry Trials McBRIDE, MARY MARGARET

McCALLION, JIMMY

NBC. Ellen Randolph, The Parker Family McCAMBRIDGE, MERCEDES

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Cherish.

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MEADE, DWIGHT

WBZ-WBZA, Boston-spa... \*\*\* Of Mass, Harvey and Dell.

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w000.
MEDDER, WILLIAM
NBC. The O'Neills. Pepper
Young's Family, Road of Life,
Life Can Be Beautiful. Vie
and Sade, This Small Town.

Truth or Consequences.
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NBC. The Telephone Hour MENKEN, HELEN Second Husband. CRS

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NBC. Arnold Grimm's Daughter.

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KARK. Li Town Talk Little Rock, Ark,

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MILAM, CHEF
KMPC, Beverly Hills, Calif,
MILLER, ALLAN
WTOL, Toledo, Ohio, Lure of
Labels, Swing Serenade,
MILLER, MRS, HARRY
KPLT, Paris, Texas,
MILLER, VIRGINIA
WICC, Bridgeport, Cohn, Virginia Miller's Hair

WICC, Bridgeport, (ginia Miller's Hour

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jorie Mills Hour. Mar-

MINTON, FRANCES
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YBC. Hawthorne House, Doctor Kate

tor Kate.
MONKS, JAMES
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NBC. Against the Storm. Lone Journey. MORGAN, FRANK

Maxwell House Party.

MORGAN, JOAN KMPC, Beverly Hills Calif. Policewonian Christie.

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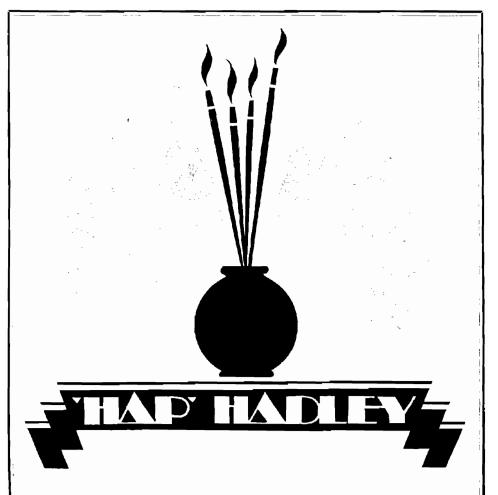
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- R -

RABY, JOHN

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RUSH, PHILLY KSAL, Salina, Kans. RUSSELL, RUTH

NBC. Just Plain Bill.

RUYSDAFI, BASIL
NBC. Kay Kyser's College of
Musical Knowledge.
RYAN, PATRICIA
NBC. The Parker Family.

-- s -

SAGUE, SAM WMCA, A Step Towards Happiness.

SALE, VIRGINIA CBS. Those We Love. SALISBURY, MORSE

NBC. Nati Home Hour. National Farm and

SANDERSON, JULIA

NBC. Battle of the Sexes. SANFORD, RALPH KMPC. Beverly Hills, Calif.

Policewoman Christie.

SANE, HENRY

NBC, Oxydol's Own Ma Perkins, The Story of Mary Mar-

SCANLON, ARTHUR

NBC. Coast to Coast on a Bus.

SCARBOROUGH, OPAL KECA, Los Angeles, Calif. Garden Club.

SCHISSEL, MARIAN KSO, Des Moines, Ia. Evening Funnies

SCHREIBER, MIGNON Right to Happiness CBS. Guiding Light NBC.

SCHUBACH, JEAN KSL, Salt Lake City, Utah. Through the Week with Linda

SCOTT. MELVA Echoes of New York NBC, Book Theater NBC, My Daughter and I MBS.

SCOURBY, ALEX

NBC. Against the Storm. SCRIBNER, JIMMY WKRC. Cincinnati, Ohio. The Johnson Family.

SEAMAN, LADDIE NBC. Pepper Young's Family. SEARS. CONNIE

WAAB. Boston, Mass. New England Cupboard.

SEYMOUR, ANNE NBC. Against the Storm. SEYMOUR, DAN

NBC. Ben Bernie's Musical Quiz.

SHAFER, RUTH M. WGNY, Newburgh, N. Y. Pen-ny Smart.

SHARLAND, REGINALD NBC. Frank Watanabe and the Honorable Archie. SHARPE, FERN WBNS, Columbus, Ohio, Round

Robin Review.

SHAW, STAN WNEW, New York, N. Y. Millman's Matinge.

SHEARER, ROB WAAT, Jersey City, N. J. Strike Up the Band.

SHEEHAN, TESS
CBS. Woman of Courage. SHELTON, GEORGE

CBS, Pipe Smoking Time. SHEPHARD, REX

CKCH. Hull, Que. The Homesteaders

SHEPHARD, ANN CBS. Joyce Jordan—Girl In-

SHERMAN, FLOYD CBS. Johnny Presents. SHERMAN, RANSOM NBC. Club Matince.

SHIELDS, HELEN
NBC, Linda Dale,
SILBER, ROSALVN
(BS, The Goldbergs,
SIMMONS, MITCHELL
WAIM, Anderson, S. C.
Tiger Takes the Mike,
SINGLETON, PENNY
(BS, Blondie,
SKOYALD, FLO

SKOVALD, FLO KMPC, Beverly Hills, Calif.

RMPC. Beverly Hills. Calif. Policewoman Christie. SLAGLE, JOHN WXYZ. Detroit, Mich. Home-maker Quiz. SLATTERY. MRS. E. CKCH. Hull. Que. Busy Wo-man's Fair.

SMART, JACK
CBS. Meet Mister Meek.
SMITH, BETTY LOU

WSB, Atlanta, Ga. SMITH, JACQUELINE

KOA, Denver, Colo. Who's in Denver Tonight,

Denver Tonigni.

SMITH, KATE

CBS. Kate Smith Hour, Kate
Smith Speaks; News. SMITH, KID

WSAZ, Huntington, W. Va. SMITH, MARK CBS, Meet Mister Meek.

SMITH, MAX

NBC, CBS MBS, SMITH, MIRIAM KIRO, Scattle, Wash.

Father Goose Comes to Town, SMITH SISTERS

WSAZ. Huntington, W. Va. SMITH, VIC NBC. Jack Armstrong.

NBC. Jack Armstrong.

SMOLEN, VIVIAN

NBC. Stella Dallas.

SMYTHE, J. ANTHONY

NBC. One Man's Family.

SNOWDEN, BILL

WTAL, Tallahassee, Fla. ele Bill and the Funnies, Dance Time, Man on the Street, Your Time, Come to the Fair, Happenings in Our Town.

SNYDER, RALPH
WLAV. Grand Rapids, Mich.
Kiddie Club. Open House.
SOCKMAN, DR. RALPH W.

NBC. National Radio Pulpit. SOTHERN, JEAN Pepper Young's Family. NBC.

SOUBLER, CLIFF

NBC. Lone Journey. SOULE, OLAN E.

Bachelor's Children CBS-MBS.

Bachelor's Children CBS-MBS, Captain Midnight MBS, Mid-stream, NBC, SPELLMAN, JERRY NBC, Ma Perkins, Story of Bild Barton, Story of Mary Marlin, Tom Max, SPENCER, EDITH

CBS. Second Husband. SPRAGUE, RUTH

NBC. Hawthorne House, Mine to Cherish.

SPRAGUE, WILLIAM WFAA, Dallas, Texa SPRENKLE, CHARLES WWSW, Pittsburgh, Pa.

ST. GERMAIN, KAY NBC. Signal Carnival.

STAFFORD, HANLEY Blandic CBS, Good News of 1940 NBC, Hollywood Play house NBC. STAINBROOK, EDWARD WDNC, Durham, N. C. Adventure with Ideas.

ture with Ideas.

STALLINGS, LAVERNE

KSL, Salt Lake City, Utah.

KSL Players.

STARK, CHARLES

CBS, My Son and L.

STEELE, EVELYN

KWLC, Decorah, Ia. Poetical

Moods

Moods.

STEELE, TED
CBS, Ted Steele Songs.
STEIN, HANNAH

Adventures of Ellery CBS. Queen.

STERNI, GUISEPPE WOV, New York, N. Y. La Rosa Program.

STEWART, BLANCHE NBC. The Pepsodent Show. STEWART, HARTSELLE

WJHO, Opelika, Ala. Coleman

STEWART, PAUL

CBS. The Goldbergs.
STEWART, VIRGINIA
NBC. Doctor I.Q.
STONE, EZRA

NBC. Aldrich Family.

STORMS. EDNA

KFPY. Spokane, Wash. This
Woman's World. Better Livine

STRATTON, CHESTER The O'Neills NBC-CBS, Against The O'Neills NBC-CBS, Against the Storm NBC, Kathleen Nor-ris NBC-CBS, Light of the World NBC, Society Girl CBS, This Day is Ours NBC-CBS, District Attorney NBC, Johnny Presents NBC, Kate Smith Pro-gram CBS, Woodbury Play-

gram CBS, house NBC.

STREICH, EVELYN CBS. Hilltop House. STROZZI, KAY

NBC, Linda Dale. STUDEBAKER, HUGH

CBS. Road of Life. SUBER, RAY NBC. Bud Barton. SULLIVAN, FRED

NBC. Arnold Grimm's Daugh-ter, Story of Bud Barton, Story of Mary Marlin. SWENSON, AL

CBS. Woman of Courage, Hilltop House.

top House.

SWENSON, KARL

Our Gal Sunday CBS, Joyce

Jordon, Girl Interne CBS, Lorenzo Jones NBC, Cavalende

of America NBC.

SWOR, JOHN

NBC, The Gilmore Circus.

#### \_\_ T -

TAGGART, HAL KMPC, Beverly Hills, Calif. Policewoman Christie.

TALBOT, LYLE WHN, New York, N. Y. Hollywood Gossip.

TANNER, LUKE KUOA, Siloam Springs, Ark.

TANNER, PEARL KING

TANNER, FEARL RISO
NBC. Hawthorne House.

TANSEY, JIMMIE
CBS-NBC. The O'Neills.
TAYLOB, FREDERICK CHASE
(Col. Stoopnagle) CBS. Col. Stoopnagle's Quixie-

Doodles.

TAYLOR, JAMES

CFAR, Flin Flon, Manitoba. Stamp Club of the Air. TAYLOR, MARGARET CKNB, Campbellton, N. H.

Homemaker's Exchange.

TAYLOR, REESE Right to Happiness CBS, Road of Life CBS-NBC, Romance of Helen Trent CBS.

TAYLOR, SAM
WHN, New York, N. Y. Hollywood Sound Stage.
TAYLOR, SUSAN
WNAX, Yankton, S. D. Tips
by Taylor.

by Taylor.
TAYLOR, TED
WTOL, Toledo, Ohio. Pigskin

Parade

TELLER, ROY WHLB. Virginia, WHLB. Minn. TEN EYCK, MELISSA

KMPC, Beverly Hills, Calif. Policewoman Christie.

TERRISS, TOM
NBC. Adventure Stories.
TERRY, MARY
KMO, Tacoma, Wash. Happy Homes.

TETZEL, JOAN
(BS. When a Girl Marries.

THOMAS, ANN
Meet Mr. Meek CBS, Easy
Aces NBC, Texaco Star Theater CBS, Perfect Crime CBS, Bishop and the Gargoyle NBC. Who Knows MBS.

THOMPSON, BILL NBC. Fibber McGee and Molly. THOMPSON, ETHEL

WHIP, Hammond, Ind. Women's Clubs.

THOMPSON, JACK CJRC, Winnipeg. Man Good Scouts of the Air. Manitoba.

THOMSON, COREY

CFCF, Montreal, Que.

Kiddics' Answer Man. The

TOBIN, LU

NBC. Hawthorne House.
TOMPKINS, JOAN
CBS-NBC. Against the St
TRAVIS, JUNE
NBC. Girl Alone, Ar
Grimm's Daughter. Against the Storm.

TREADWELL, RUBY

KUOA, Siloam Springs, Ark.

Storybook Castle.
TREMAYNE, LEE
CBS. First Nighter.
TROUT, BOB
CBS. Professor Quiz.

CBS. PROJESSOF QUIZ.
TROUT, FRANCIS
CBS. Scattergood Baines.
TUCKER, FRANCES
WSJS, Winston-Salem, N. C.
TUCKER, JERRY

Hillton House. CBS.

TUCKER, MADGE NBC. Coast to Bus, Our Barn. Coast to Coast on a

TULLY, TOM Strange as It Seems CBS. strange as It Seems CBS, School of the Air CBS. Kate Smith CBS. We the People CBS, Gangbusters CBS. Home of the Brave CBS. Myrt and Marge CBS, Lincoln Highway NBC, Manhattan At Midnight NBC NBC

TURCOT, M. R. CKCH. Hull. Que. Entre Nous. TURNER, COL. ROSCOE CBS. Skyblazers.

TUTTLE, LURENE
Rudy Vallee Program NBC,
One Man's Family NBC, Big
Town CBS, Sherlock Holmes NBC

TUTTLE, LYNN
NBC. One Man's Family.
TYLER, BETTY JANE

CBS. Joyce Jordan, Girl Interne, Myrt and Marge, We Girl Inthe Abbotts.

- II -

UMBERGER, CHARLOTTE WBLK, Clarksburg, W. WBLK Woman's Club. W. Va.

UNGER, STELLA NBC. Hollywood News Girl.

NBC. Hollywood News Girl URBY, FRANCIS KSL, Salt Lake City, Utah. UTTAL, FRED CBS. Big Sister.

. V

VAIL, MYRTLE
CBS. Myrt and Marge.
VALENTINE, GRACE CBS. My Son and I.

VALENTINE, LEW NBC. Doctor I.Q.

VALLEE, RUDY NBC. Scaltest, Rudy Vallee Program

VAN, BILLY B. WNAC, Boston, Mass. Spread-

ing New England Fame.

AN, MILDRED

KECA, Los Angeles,
House Party. VAV. Angeles. Calif.

VanCRONKHITE, JOHN WMAL, Washington, D. Little Brown Book, Headaches Limited, Whispering Rhythm. Window Shopper, Some Like

t Old.

VAN DYKE, JAMES

CBS. Young Doctor Malone.

VAN HARVEY, ART

NBC. Vic and Sade. VANN, FRANK WGH, Newport News, Va. The

Word, Newport News, va. The Singing Bakerman. VAN TUYL, HELEN CBS, Right to Happiness. VAUGHN, WALTER Woman of Courage CBS, Adventures of Ellery Queen CBS.

VENTER, MEL KFRC, San Francisco, Calif. Standard Symphony Programs, Whodunit, Scrapbook Stories. VERNON, CONRAD

KNOW, Austin, Texas. Fac-ing the Facts.

VIDEL, WILLIAM WGH, Newport News, Uncle Bill's Junior Club. VINCENT, CHICK NBC. This Small Town. Va.

VINTON, ARTHUR
NBC. The Aldrich Family, Ellen Randolph.

VOLA, VICKI NBC. Mr. District Attorney. VON ZELL, HARRY

CBS. We, the People. W.

WADE, FRED WTIC, Hartford, Conn. Wright-ville Sketches.

WAHLBERG, JOEL F. WGH, Newport News, Va. Big Star Surprise Party, Curbstone College.

WAKELY, JIMMY Gene Autry's Melody CBS. Ranch

WALCOTT, IMOGENE
WNAC, Boston, Mass. First
National Food News.

WALKER, BENNIE NBC. Bennie Walker's Home-stead Amateur Hour, Bennie

Walker's Tillamook Kitchen.
WALL, LUCHLE
Life Can Be Beautiful CBS, Portia Faces Life CBS, Lorenzo Jones NBC. WALL, PEG CBS. Romanco of Helen Trent.

WALLACE, GEORGE CBS. Scattergood Baines.

WALLACE, REGINA CBS. Hilltop House.

WALLACE, TOM
NBC. Uncle Walter's Dog
House, Showboat.

WALTER, WILMER
NBC. David Harum, Set Sail.

NBC. David Harum, Set Snil.
WALTMAN, ELMER
KDKA, Pittsburgh, Pa. Musical Clock, Kay-dee-Kapers.
WARD, COLLEEN

ARB, COLLEEN
Mr. Keen, Tracer of Lost Persons NBC, Great Plays NBC,
Listeners Playhouse NBC, Lorenzo Jones NBC, Ellen Randolph NBC, Big Town CBS,
Friend Indeed CBS.

WARDLE, JIMMIE CFAR, Flin Flon, Manitoba. Business Man's Quiz.

WARNER, GERTRUDE The O'Neills CBS-NBC, Ellen Randolph NBC.

WARNER, NOAMA KTOK, Oklahoma City, Okla. News for Women. WARNER, WALLACE

Adventures of Ellery Queen.

WART, PROFESSOR WCCO, Minneapolis-St. Paul, Minn. The Tailor and the Minn.

COP.
WATERS, JAMES P.
CBS. The Goldbergs.
WATSON, ERNIE
NBC. Behind the Mike.
WAYNE, ROSEMARY
WJJD, Chicago, Ill.
WAYNE, WINNIFRED
WHIP, Hammond, Ind. Dream
Applilo Awhile

WEAKLEY, SCOTT KROW, Oakland, Calif. Skull-crackers, The Man on the Street.

WEATHERWAX, LESTER KFBI, Wichita, Kans.

WEAVER, NED CBS. Kate Hopkins.

WEBB, JANE NBC. The Adventures of Tom Mix.

NBC. Tom Mix Straight Shooters, Right to Happiness, The Story of Mary Marlin. WEBSTER. CHARLES By Watthern WEBER, KARL

By Kathleen Norris CBS, Life Can Be Beautiful CBS-NBC, Linda Dale NBC, The Light of the World NBC.

WEEKS, EDWARD A.
NBC. Meet Edward Weeks.

WEIST, DWIGHT

WEIST, DWIGHT
Cavaleade NBC, Shadow MBS,
Mother of Mine NBC, Gansbusters CBS, March Through
Life, School of the Air.
WELLES, ORSON
CBS, Campbell Playhouse.

WELLES, RUTH
KYW, Philadelphia, Pa,
WELLS, DICK
NBC, Oxydol's Own Ma Perkins.

WELLS, SARA JANE Right to Happiness CB9. Right to Happiness CBS, Jack Armstrong NBC, Guiding Light.

WEISH, JACK WSTV, Ste Steubenville. Ohio Your Neighbor's Voice, Food

WENDELL, BRUCE WENDELL, BRUCE WHN. New York, N. Y. One Two Three Swing. WEST, JANE CBS-NBC, The O'Neills. WESTON, JANE WESTON, JANE WESTON, JANE

WEVER, NED CBS. Big Sister.

CBS. Big Sister.
WHALEY, MARY
KBST. Big Spring, Texas.
What's Doing In Big Spring.
WHITAKER, ISABELL
WTAG, Worcester,
Morning Journal.

WHITE, AGNES
KFI, Los Angeles, Calif, Agnes
White's Kitchen.

WHITE, BOB Light of the The

world.
WHINEY, MARION
WEDC, Chicago, III. Whitney's Whispers On Hollywood.
WHITTED, NORFLEY
WDNC, Durham, N. C. Driftwood, Southern Plantation.

WICKER, IREENE NBC. The Lullaby Lady, Car-

nation Contented Program. WIGGIN, ARTHUR
WFEA, Manchester, N. H.
Greetings Shut-Ins.

WILDER, DONALD WSAV, Savannah, Ga, Saga of Savannah, WILDER, TRULAN

KMBC, Kansas City, Mo. Brush Creek Follies, Thief of Bad Gags, Fun and Foolishness. Dinner Bell Roundup, Early Birds Show. WILEY, FLETCHER

CBS.

WILLIAMS, JOHN ED

KWFT. Wichtat Falls, Texas:
Theater Time, In Our Times.
WILLIAMS, MARK
WBTH, Williamson, W. Va.
Happy Birthday.
WILLIAMSON, GRACE
WTIC Hantfund Comm. WILLIAMS, JOHN ED

WTIC, Hartford, Conn. Your Neighbor.

WILSON, DON NBC. Jello Program Starring NBC. Jello Program Starring Jack Benny. Good News of 1940 & 1941, Maxwell House Party

WILSON, KATHLEEN NBC. One Man's Family. WINCHELL, WALTER NBC. Jergen's Journal.

WINKLER, BETTY NBC. Girl Alone.

WINSTON, IRENE
Vahant Lady NBC, When A
Girl Marries CBS.
WINTERS, JOAN
NBC. Girl Alone, Road of
Life, Lincoln Highway.

Life, Lincoln Hishway,
WINTERS, ROLAND
CBS. By Kathleen Norris.
WOLFE, EDWIN
NBC, Pepper Young's Family.
WOLFE, LOUIS
WHN, New York, N. Y. Kid Wizards.

WOLFE, WINIFRED

NBC. One Man's Family.

WONS, TONY

NBC. Tony Wons Radio Scrap-

WOODBURY, FRANCES Hillton House, When A CBS.

Faces Girl Marries, Portia Life WOOD, BARRY

CBS. Your Hit Parade. WOOD, HELEN

CBS, Those V WOOD, LESLEY We Love.

Road of Life CBS-NBC, Back-stage Wife NBC.

stage Wife NBC.

WOODE, HAMILTON
WOLF, Spracuse, N. Y. Salina
Street Quiz.
WOODS, DONALD
CBS. Those We Love.
WORTH, BETTY
NBC, The Man I Married.

WRAGGE, EDDIE
Lincoln Highway NBC, John's
Other Wife NBC, Dr. Christian CBS

CBS.

WRAGGE, ELIZABETH

NBC. Pepper Young's Family.

The Aldrich Family.

WRIGHT, HOLLY

WTAG. Worcester, Mass. Man
in the Macket.

WRIGHT, JEAN

WTOL. Toledo. Ohio. For

WTOL, Tol Women Only Toledo, Ohio, For

WYATT, EUSTACE

CBS. Adventures of Ellery Queen. - Y -

YARBOROUGH, BARTON

NROROUGH, BARTON NRC. One Man's Family, I Love a Mystery. YOKELY, MARTHA JEAN WAIR, Winston-Salem, N. C. School for Saturday.

School for Saturday.
YORKE, RUTH
Life Can Be Beautiful CBSNBC, Mother of Mine.
YOUNG, CARLETON
CBS. Martha Webster, Sec-

CBS. Martha

ond Husband.
YOUNG, ED
WNAC, Boston, Mass, Uncle
Bob Reads the Funnics.
YOUNG, SEYMOUR
Right to Happiness CBS, Guid-

ing Light NBC.

 $-\mathbf{z}$ ZANVILLE, BERNARD

CBS. Young Doctor Malone.

Manhattan at Midnight NBC, Against the Storm NBC, Valiant Lady, NBC, We, the People CBS, Honest Abe CBS, Lone Journey NBC, This Small Town NBC, My Son and 1 CBS, Young Doctor Malone CBS.



# S H O R E



My deepest appreciation to . . . THE RADIO EDITORS OF AMERICA ... for their kindness to me.

My greatest gratitude to . . . MR EDDIE CANTOR , without whom the editors would Hot have known me

## The ANDREWS SISTERS



Maxene

Patly

LaVerne

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# **Vocal Artists**



## AND THEIR WORK **DURING 1940**





-A

ABBOTT, JERRY WAAT, Jersey City, N. J., Broadwayites

ABNER, STACEY WNOX, Knoxville, Tem. Midday Merry-Go-Round.

ADAIR, FRANCES NBC. Sunday Drivers. ADAMS, ALVIN KPDN. Pampa. Texas.

ALFORD, ELIZABETH KRMD. Shreveport, La.

ALLEN, GRACIE

CBS. Burns and Allen Show.

ALLEN, JOE

WFAA, Dallas, Texas.

ALLEN, KAY WIP, Philadelphia, Pa. Shadows In Music

ALLISON, LYNN WMAL-WRC. Washington. D. C. Food For Thought,
AIM, JEANNE
WDAY, Fargo, N. D., Four

Jacks and Jeanne.

AMADON, ARTHUR WEEL, Boston, Mass, Lover's Lane

ANDERSON, AL WFTM, Ft, Myers, Fla. ANDERSON, ELIZABETH KOB. Albuquerque, N. M. Mood Indigo.

ANDERSON, ELMER KMBC. Kansas City, Mo. Rhyme-A-Line Time, Rhythm Auyme-A-Line Time, Rhythm Riders and Judy Allen, Brush Creck Follies, Dinner Bell Roandup, Early Birds Show, ANDERSON, LAVITA KFBU, Wiehita, Kans, The Kitchen Clinic.

ANDREWS SISTERS

CHS.
ANTINUK SISTERS
CHAB. Moose Jak. Sask.
APPLEWHITE, MARY ESTER
WFNC. Fayetteville, N. C.
Mary Ester Sings.
ARCHER, GENE

WMAL-WRC. Washington, D. C. Gene Archer Entertains.

WCCO. Minneapolis-St. Paul. Minn. Saturday Ayem Open House.

ARNOLD, BUDDY MBS

ARRES, DON

ARTHUR, JACK NBC. Lincoln Highway, Echoes of New York.

ASKE, COLEMAN KFBI, Wichita, Kans, Kansas Cowboys.

ATCHER, BONNIE WIND, Gary, Ind. Sports Edition.

ATCHER, RANDALL

WIND, Gary, Ind. Changing Scene

ATKINS, JIMMY

NBC. Fred Waring in Pleasure Time

AUBREY, WILL NBC. Musical Clock, In the Good Old Days.

AUTRY, GENE CBS. Melody Ranch.

AXTON, BAILEY WAAB, Boston, Mass. Your Singing Neighbor.

\_\_\_ R -

BABBITT, HARRY NBC. Kay Kyser's College of Musical Knowledge.

BAETZ, WILFRED WMEX. Boston. Mass. BAGBY, MARGARET

WAIR, Winston-Salem, N. C. Melody Time,

BAILEY, GLAD KXRO, Aberdeen, Wash, Syncopated Riddles.

BAILEY SISTERS Ben Bernie's Musical NBC. Quiz

BAILEY, WYNONHAH KGFW, Kearney, Nebr. Cow-

boy Rangerette. BAINBRIDGE, HAL WLOG, Logan, W. Va. North-

em Stars

em Stars.

BAKER, DICK
WJJD, Chicago III Smart Set.

BAKER, JACK
NBC, Breakfast Club.

BAKER, JERRY
WMCA, New York, N. Y.

BAKER, KENNY
CBS, Texaco Star Theatre.

BALAY, BALA
WARD, Brooklyn, N. Y.

Hungarian Variety Hour.

BARRER BETTE

BARBER, BETTE

KVOO, Tulsa, Okla, Clambake. BARLEY, JOSH WFTM Ft. Myers, Fla.

BARNEN, MERLE
WENC, Fayetteville, N. C.
BARRETT, BETTY

NRC

BARRETT, PHIL WBAB, Atlantic City, N. J. Songs For the Home Folks.

BARRETTE, R.

CKCH, Hull, Que. Jean And Jacques And Pierre. BARTELL, ED KCAE, Pittsburgh, Pa. Air-

BARTELL, ROSE WKH. Madison. Wisc.

hners

BARTLETT, JANE WBT, Charlotte, N. C. Dave And Jane

MBS. Betty and Buddy.

BASS, ANNA ROSE

KVFD, Fort Dodge, In. Lady Luck.

BATES, BETTY JEAN

KRNT-KSO. Des Moines, Ia. Tall Corn Time, Hawkeye Din-Time. Betty Jean And uer Freddic.

BAUCOM, BILL WIBW. Topeka break Jamborce Topeka Kans, Day-

BAXTER, JEANNE WCAE, Pittsburgh, Pa. So-

phisticated Ladies.

BEARD, CHARLES WDBJ, Roanoke, Va. Music For Reading

BECHTAL, KENNETH
KEJM, Grand Forks, N. D.
Melody Quiz.
BECKMAN, ZEKE

KOA. Denver, Colo. Sunshine

Boys BECKSTAD, LARRY KFJM, Grand Forks, N. D. Melody Quiz.

BEGGEMAN, FREDDY KMOX. St. Louis, Mo. Ben

Feld Show. BEHAN, MAE WARD, Brooklyn, N. Y. Irish

Echoes.

BELL, BONNIE
WWL, New Orleans, La.
BELLE, IDA
WAIR, Winston-Salem, N Winston-Salem, N. C.

Dear Diary.

BELMONT, DAVE
WBZ-WBZA, Boston-Springfield, Mass, Memory Lane.

BENDER, BILL WFAS, White Plains, N. Y. The Happy Cowboy.

BENNETT, KEN
KPDN. Pampa, Texas.

BENSON, JEAN WIBW, Topeka, Kans.

BERCH, JACK Jack Berch and His NBC.

BERGBAUER, CARL KMBC, Kansas City, Mo-Scrappy O'Brien and His Toy Seraoly Oblian and Trairie Sweethearts, Penny Serenade, Rhythm Riders and Judy Al-len, Brush Creek Follies, Early Show, Dinner Birds Roundup.

BERRY, ED KLO, Ogden, Utah. Misses and A Mister. Utah. Three

BERTL, ED WKBH, La Crosse, Wise, Song Styles.

BICKFORD, RUTH
WFAA-KFJZ, Dallas-Ft.
Worth, Texas, Texas Hall of Fame.

BILSON, ELIZABETH S.

WBAL, Baltimore, Md. Around The Dinner Table, Time For Romance

BIRD, TRENE

WHA, Madison, Wise. BISSON, GABRIELLE CBV, Quebec, Que.

BLACK, LEW KMBC, Kansas City, Mo. Brush Creek Follies, Dinner Bell Roundup, Early Birds

BLACKWOOD BROTHERS

KMA, Shenandoab, Ia.
BLAIR, HARRY
WBT, Charlotte, N. C. RCA

Twms.

BLUE, ALICE

KSO, Des Momes, Ia, Hawkeye Dunnertime.

BOLIN, SHANNON WJSV, Washing

Washington, D. Take Up Time, Story Swap.

BOLTEN, VIVIAN
WHIS, Bluefield, W. Va. The
Girl And The Mood And The
Melody, The Melody Shop.

BOND, ANN

KOMA, Oklahoma City, Okla. Imperial Interlude.

BOND, JOHNNY

CBS. Melody Ranch.

BOSWELL, CONNIE NBC. Kraft Music Hall,

BOUDLEAUX

WSB. Atlanta, Ga. WSB Barn Dance.

BOVAY, DON WIP, Philadelphia, Pa. Sing For Your Supper.

BOWDEN, RUTH

WSAZ, Hunting Songs We Love Huntington, W. Va.

BOYTER, HASKELL WSB, Atlanta, Ga. Song For Today

BOZEMAN, FRANK

WGPC, Albany, Ga. BRADLEY, JOE

Club Marinee,

NBC. Club Matines BRADLEY, ROBERT

KLZ, Denver. Colo. To You, Lady Lend An Ear. BRASINGTON, BERT

KMBC, Kansas City, Mo. Brush Creek Folker, Duncr Bell Roundup Early Birds Show.

BRAY, ALGER WDZ, Tuscola, Ill, Speed And

BRENIZER, LESTER

KNOW, Austin, Texas. BRIAN, BUNNY

KSL, Salt Lake City, Utah, Sweet And Swing,

BRICKELL, ROY KWOC, Poplar Bluff, Mo. Vo-

cal Varieties BRINEY, MARY MARTHA KDKA, Pittsburgh, Pa. Tap Time, Treasure Trails, BRISCOE, HELEN MARIE

KOA. Denver, Colo. Gentlemen of Jive

BRITT, ELTON
WNEW, New York, N. Y.
Singing Cowhoy.

BROOKS, DOROTHA

WTAM, Cleveland, Ohio, Gordon Aires

BROOKS, JACK WHAS, Louisville, Ky, Modern Music Hall.

BROOKS, KIRBY WHIO, Dayton, Ohio, Rhythm Makers

Makers.
BROWN, ANN
WFAA, Dallas, Texas.
BROWN, FRANK
CFJC, Kamloods, B. C.
BROWN, GEORGE

CJOC

Lethbridge, Alberta. BRUCE, CAROL

NRC. Ben Bernie's Musical Oniz

BRYAN, ELEANOR WGRB, Goldsboro, N. C. Elea-

nor Bryan Entertains.

BRYANT, HIRAM
WFTM, Ft. Myers, Fla. Hymn-

time, Memory Lane. BYRON, BOB WHN, New York, N. Y. Byron

Hour.

BUCKNER, KATHRYN WFAA, Dallas, Texas.

BUNN, JIMMY WOW, Omaha,

BURNS, BERNICE CKOC, Hamilton, Ont.

BURRIS, SCOTTY
WHLB, Virginia, Minn. Songs
By Scotty, Romance In Rhythm.

BURWELL, J. C. WMBS, Uniontown, Pa. Carters Kiddies Club.

# BARRY WOOD



**CBS** 

"Your Hit Parade"

Victor Records

BUSSINELLI, GUIDO WOV, New York, N. Y. La Perla and Old Gold Programs. BUTCHER, DWIGHT

WSB. Atlanta, Ga. WSB Barn Dance

BUTLER, CLEO WLPM, Suffolk, Va. Melody

Time. BUTLER, MARIAN

KEX-KGW, Portland, Charmingly We Live. Ore.

BUTLER, WARDE WIIIZ, Zanesville, Ohio, Musical Blossoms.

BUTNER, VICTORIA WSTP. Salisbury, N. C

CALLOWAY, GLENNA

WSIX, Nashville, Tenn. Words And Music. CALVER, LILA WDEV, Waterbury, Vt. Cock-

tail Hour.

('AMP, ARMAND WIP, Philadelphia, Pa. Sport Shots

CAMPBELL, CURLY WBT, Charlotte, N. C. RCA Twins.

CAMPBELL, FRANCES WSB, Atlanta, Ga. Song For Today

CARACCI, ANTHONY

KMBC, Kansas City, Mo. Brush Creek Follies, Dinner Bell Roundup, Early Birds Show, CARLAY, RACHEL NBC, Manhattan Merry-Go-Round,

CARNEY, ART
NBC, Horace Heidt's Treasure
Chest, Pot O' Gold.

CARRIER, JAKE WLOG, Logan, W. Va. It's WLOG, Logan, Jake With Me. CARROLL, GENE

NBC. Gene And Glenn. CARROLL. LINDA WMAL-WRC. Washington,

CARTER, BOB

KDKA. Pittsburgh. Pa. Tap Time. Treasure Trails.

CARTER, JAMES WSTV. Steubenville, Ohio. CARTWRIGHT, JOAN

WCAP, Asbury Park, N. J. Rhythms in Rhyme.

CASSEL, WALTER NBC

CATHON. JEAN WMAL-WRC. Washington,

CHAPIN, PATTI
WTIC, Hartford, Conn. Patti
Chapin Sings for You.
CHAPMAN, JOAN
WHN, New York, N. Y.
CHIESA, VIVIAN DELLA

American Album of Familiar Music NBC. La Rosa Program

MBS

CHILTON, RUTH
WSYR, Syracuse, N. Y. Ruth
Chilton Matinee.

CHOISSER, HAL KMOX, St. Louis, Mo. Ozark Varieties, Old Fashioned Barn Dance.

CHRISTIANSON, ELEANOR KHSL, Chico, Calif. Songs of Love.

CHURCH, HELEN

KROC. Rochester. Minn. Rochester Choral Society Program

CHURCHILL, STUART
NBC. Fred Waring in Pleasure

Time CLAIRE, LAURIE

KSL, Salt Lake City, Utah, Songs of Laurie Claire, CLARRELL SINGERS

WFPG. Atlantic City, N. J. CLARK, BUDDY CBS. Wayne King's Orchestra.

CLARK, JOHN

KNX. Los Angeles, Calif. John Clark, It's A Date. Call-ing All Cars. Hollywood Show-case, I Was There.

CLARK SISTERS

KFJM, Grand Forks, N. D. CLARKE, HARRY

KSL, Salt Lake City, Utah. Songs of Harry Clarke.

CLARKS, THE KYW, Philadelphia, Pa. The Happy Clarks.

CLORE, CHARLENE WFBM. Indianapolis, Ind.

COCHRAN, PAUL KFBI, Wichita, Kans, Dinner Bell Time.

COHEN, LESTER WMBS, Uniontown, Pa. Cohen Amateur Hour.

Amateur Hour.
COLAMARIE, VICKI
WGY, Schenectady, N. Y.
COLLINS, IRENE
WAAT, Jersey City, N. N. J. Strike Up The Band.

COLLINS, JEAN WMEX, Boston, Mass

WAAT, Jersey City, N. J.

WAAT. Pony Boy Plays.
COLTON, CLARENCE

CKTB. St. Catherines. Morning Melodies Club.

COMO. PERRY
NBC. Beat The Band.
CONLON, JUSTIN
WHEC. Rochester, N. Y. This
Is My Land.

CONNOLLY, JOSEPH A. WARD, Brooklyn, N. Y. Irish

COOKE, BETTY

WLOG, Logan, W. Va, Cookie, Coed of Song. COOPER, FRANCES

WIP. Philadelphia. Pa. War

COPELAND, CLYDE RFPY, Spokane, Wash, The Roving Hillbillies, Fels-Naptha Fellows

COPELAND, SLIM KFPY, Spokane, Wash. The Roving Hillbillies, Fels-Naptha Fellows

CORBITT, THELMA WSIX, Nashville, Tenn. Hymn

Time

COSTLEY, JAN WSYR, Syracuse, N. Y. Mid-morning Limited.

COTE, GERMAINE CKCV-CBV, Quebec, Que, Ici l'on Chante

COTTON, IARRY

NBC. Pot O' Gold, Horace

Heidt's Treasure Chest.

COURTNEY, GEORGE

WENR-WMAQ. Chicago, Ill. Club Matinee

COX, MARY ROSE WCAO, Baltimore, Md. John Varney's Quintet. COY. DOROTHY
WSUN, St. Petersburg, Fla.
Dorothy Coy Sings.

CRAIG, EDDIE
WOLF, Syracuse, N. Y. Eddie
Craig Song Stylist.

CRAIG, RUTH

WRAL, Raleigh, N. C. Vocals By Craig.

CRANE, PHILIP KIRO, Seattle, Wash, It Pays To Listen.

CRAVEN, OPAL NBC. Carnation Contented Program.

CRAWFORD. ROBERT

KMBC, Kansas City, Mo. Texas Rangers, Circle G Ranch, Melody Ranch, Forecast.

CRIFFIELD, LINNEA

KGFW, Kearney, Nebr. Songs You Love To Hear. CRONENBOLD, EDWARD

KMBC, Kansas City, Mo. Texas Rangers, Circle G Ranch, Mclody Ranch, Forecast.

Merody Ranch, Forecast, CROOKS, RICHARD NBC, Voice of Firestone, CROSBY, BING NBC, Kraft Music Hall, CROSBY, BOB NBC, Command

NBC. Camel Caravan.
CUFF, Mrs. B. P.
CFJC, Kamloops, B. C. Sing
Canada Sing.

#### — **D** –

DAE, DONNA

NBC. Fred Waring In Pleasure Time. DAILY, LORAINE

KRLD, Dallas, Tex. DALTON, JACK WBZ-WBZA, Bosto Boston-Springfield, Mass.

DANIELS, CHARLOTTE WSTP, Salisbury, N. C. Your Melody Lady.

DANIELS, DOROTHY WHN, New York, N. Y.

DANIELS, MARK

KEX-KGW, Portland, Let's Write A Story. DARWIN, GLENN Ore.

NBC. DATA, MARYSIA

WHEC, Cicero, Ill.

DAVIES, EDWARD

NBC, Words And Music, Mid-NBC. Words At night Serenade. DAVIES, GWEN

CBS.

DAVIS, BARBARA KLO, Ogden, Utah, Songs By Davis.

DAVIS, BILLY KNOW, Austin, Texas. Bright And Early Spiritual Choir.

DAVIS, CARL Chicago, Ill. Court-

WJJD, Chicago house Reporter. DAVIS, GEORGE

WSB. Atlanta, Ga. Song For Today.

DAVIS, SHELBY JEAN WJJD, Chicago, Ill.

DAWSON, MARCELL

KLO, Ogden, Ulah. Three Misses And A Mister. DAWSON, MARK WCAU, Philadelphia, Pa. Of Stars And Stripes. DAY, DENNIS

NBC. The Jello Program.

DAY, EDITH WFAA, Dallas, Texas.

DAY, GROVER DAY, GROVER

KTRI, Sionx City, Ia. The
Blind Balladier.

DAYS, BILL

NBC, CBS, MBS.

DEAN, BILLY

KWFT, Wichita Falls, Texas,

Songs of Billy Dean. DEAN, F. LEON

KASA, Elk City. Okla, Three Shades of Blue. DEANE, JUDY

KGO-KPO, San Francisco, Calif.

DEBORD, JEROME WIBW, Topeka, Kans. DECKER, GEORGE

WJW. Akron, Ohio DeHEALEY, SHIRLEY
KRMC, Jamestown, N. D.
Songs By Shirley.

DeLYS, GOGO NBC, Little OF Hollywood, DeMOSS, LYLE

WOW, Omaha, Nobr. Lyle and Eddie.

DENNY, EDMUND W1BW, Topeka, Kans,

DENNIS, CLARK NBC. Spot programs.

DENOIA, DICK
WNLC. New London, Conn.
DERRY, ERNEST

KGO-KPO, San Francisco, Calif. Three Cheers, Song-

busters.
DeSOTA, TED
KWLK, Lonview, Wash, Mar-

tin's Treasure Trunk. DICKENSON, JEAN

American Album of NBC. Familiar Music.
DICKSON, DONALD
NBC. Chase And Sanborn

Program.

DINNING SISTERS

NBC. Breakfast Club, Club Matnee.

DIXON, NORMA WLPM, Suffolk, Va. Songs By Norma.

DODDS, LEWIS
WSTP, Salisbury, N. C.
DODSON, BERT

WFAA, Dallas, Texas,
DOEBLER, MARY JANE
WMBD, Pooria, III. Window
Shopper, Peoria's Darling,
DOHERTY, MARIA

WARD, Brooklyn, N. Y. Irish

Echoes. DOOLEY, ANN
WMBD, Peoria, Ill.
DOSSEY, LEONARD
KUJ, Walla Wall

Walla, Wash. Braden-Bell Screnaders, Lutcher's Requests.

DOWNING, LARRY

WNOX, Knoxville, Tenn. Midday Merry-Go-Round, Swingstertime

DRUARY, JOHN
WDAK, West Point, Ga. Songs

At Eventide.

DUANE, MARY FRANCES WAVE, Louisville, Ky, Melody Time. DUFF, FRED

WVFW, Brooklyn, N. Y. The Wanderer.

– E –

EASTMAN, MARY CBS, Saturday Night Serenade

EBLING, HENRY WFAS, White Plams, N. Y. Garden of Song.

EBERLE, RAY
CBS. Glenn Miller And His Orchestra.

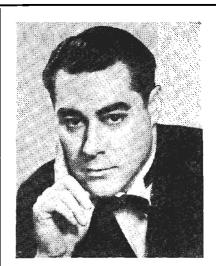
ECHER, BETTY LEA KMBC, Kansas City, Mo. Scrappy O'Brien and His Toy Band, Camel Caravan, Prairie Sweethearts, Penny Screnade, Rhythm Riders and Judy Allen, Brush Creek Follies, Early Show. Birds Dinner Bell Roundup.

EDKINS, ALDEN

NBC. The Armchair Quartet,
National Vespers, National Radio Pulpit.

EDWARDS, ADDISON J.
WBAB, Atlantic City, N. J.





### BILL PERRY

- TENOR SOLOIST --Past 41.2 on Years

"Saturday Night Serenade"

Heard over a CBS network totaling 52 stations

850 - 7th Ave. New York City

EDWARDS, HOMER KGKL, San Angelo, Texas, ELLINGTON, EDDIE WHN, New York, N. Y. ELLIOT, BILL

WEEL, Boston, Mass. The Singing Cop.

ELLIS, RUTH

WBRB, Red Bank, N. J. Songs At Eventide.

EMERSON, JOE NBC. Hymns of All Churches, ENNIS, SKINNAY NBC. The Pepsodent Show.

ESTEPP, JESSE

KMBC, Kansas City, Mo, Brush

Creek Follies, Dinner Bell

Roundup, Early Birds Show.

EVANS, DALE
CBS. News and Rhythm,
EVANS, SARA
WDBJ. Roamoke, Va. For

Women Only

EVERLY, IKE WJJD, Chicago, Ill. Court-WJJD, Chicago, house Reporter.

#### \_\_\_F-

FARRELL, CHARLES WMBC, Detroit, Mich, Mys-tery Melodies,

FARRELL, GWENDOLYN WBIG, Greensboro, N. C. Jefferson Standard Time.

FAULKNER, ROY WIBW, Topeka, Kans.

FERRIS, JERRY KMO-KVI, Taeoma, Wash, Jerry Ferris And Jane Powers, Christmas Keyhole,

FETTY, MARION WSTV, Stub

Stubenville. Ohio. Song Sophisticate.

FIELDS, ARTHUR CBS, Pipe Smoking Time, FISHER, NANCY WJSV, Washington, D. C. Lady In White.

Lady in White, FLAGLER, CHARLIE KRNT-KSO, Des Moines, 1a, Kildie's, Hawkeye Dinnertime, Charlie Flagler, FLANNERY, BILLY WJJD, Chicago, III.

Curly.

FLETCHER SISTERS WHAL Greenfield, Mass.

FOGELMAN, RUTH WJHO, Opelika, Ala, Vespers, FOREMAN, FLOYD WDZ, Tuscola, III, Speed And

FORREST, BOB CHAB, Moose Jaw.

FORRESTER, HOWARD

WDZ, Tuscola, III, Tennessee Valley Boys,

FORRESTER, JOE

WDZ, Tuscola III. Tenressee Valley Boys. FORRESTER, WILENE

WDZ, Tuscola, III. Teamessee Valley Boys.

FORSTER, GERTRUDE

NBC. The Peerless Trio, Tone Pietures, Seth Parker, FORTER, EVELYN WSIX, Nashville, Tenn, FORTUNATO, PAT

WCAP, Asbury Park, N. J. FOSTER, KAY WWJ, Detroit, Mich,

FOSTER, SALLY KMOX St. Louis, Mo. Moonlight Serenade, Old Fashioned Barn Dage

FOUR SHOWMEN, THE NBC. Vocal Vocaces.

FRANCIS, LORRAINE

KROY, Sacramento. Champion Talent Quest.

Tampion Taicht Quest, FREEMAN, GLORIA
WETL, Ft. Landerdale, Fla. Songs of Love.
FROST. PAUL
CKTB. St. Catherines, Out.
Paul's Melody Market.

FUTRELL, JESSE WAIR, Winston-Salem, N. C. Digne.

#### - G -

GAINEY, ANDREW KOA, Denver, Colo, Serenade To Loyelmess,

GALL, WILLIAM KMBC, Kansas City. Security O'Brien and His Toy Band, Boogle Woorle To You, Bru-h Creek Follies, Dinner Bell Roundup, Early Birds Show

GAMACHE, RITA

WCOU, Lewiston, Me. Melody Lane.

Lane.
GANGE, CONNIE
WHEC, Rochester, N. Y.
GANOW, DOROTHY
KMMJ, Grand Island, Nebr.
Prairie Sweetheart.
GARBER, ANNA
WRNL, Richmond, Va. Quiet Hour

GARDNER, KENNY NBC. Easy Does It. GARLAND, JUDY

The Pepsodent Show, GARRETT, PATSY

NBC. Fred Warms In Pleasure  $\overline{\mathbf{T}}$ me.

GARY, ED WMAL-WRC, Washington, D. C. Affiliated Wives, GASKELL ASSOCIATES, WILLIAM

WMBS, Uniontown, Pa. Old Fashioned Singing School. GATES, NANCY JANE WFAA, Dahas, Texas,

GAYLORD, CHET Boston-Spring-

GAYLORD, CHET
WBZ-WBZA. Boston-Sprin
head, Mass, Moduling Toast,
GEMRE, JIMMY
KTAR, Phoenix, Ariz,
GENTRY, TOMMY
WSLI, Jackson, Miss, Wa
decrees of the Wastefands. Miss. Wan-

GIBBS, PARKER NBC, Beat The Band, GIBBONS, RUTH WSLL, Jackson, Mi-

Miss The Dream Girls

GILBERT, JERRY WVFW, Brooklyn, N. Y.

GULL, PAUL WMBD Peoria, III, Old Folks,

Nightfall.

Nightan,
GIRARD, ARMAND
KGR-KPO, San Francisco,
Cadi. Barbershop Quartet,
GLADDEN, RUTH
WWYC, Asheville, N. C. A Song And A Smile.

GLORIOUS, MAILEEN WSAB, Atlantic City, N. J. Maileen Sings.

GLOVER, MARY LOU KOAM, Pittsburgh, Kans, Mary Lou Lullaby.

GLYE, DOROTHY JUNE

KWLC, Decorah, Ia. Listen Children, Piano Keys, GOODMAN, GORDON

NBC. Fred Waring In Pleasure Time.

GRACE, JACK
CKCH, Hull, Que.
GRAF, DOROTHY
WFTL, Ft. Landerdale, Fla.
Songs By Dorothy Graf.

GRAHAM, ROSS NBC, Cities Service Concert.

GRAHAM, RUTH
WNAX, Yankton, S. D. Devotional Singers.

GRANT, BOB

WRBL. Columbus. Ga. Sing Time

GRANT, CHARLES WHAI, Greenfield, Mass. GRAVELLE, JOHN

WEAA, Dallas, Texas, GRAY, ZOLA

WBAB. Atlantic City, N. J. Melody Favorites.

Melody Favories,
GRAYSON, RALPH
WWL, New Orienns, La,
GREEN, MARGARET LEE
WGR, Newport News,

WGR. Newport News. Va. Stars of Tomorrow. GREEN, RED WJJD, Chicago, Ill. GREEN, TIM CJOC. Lethbridge, Alberta. GRENELL, EILEEN KRNT. Bes Moines, Ia. Thirty Minutes To Go. GRIFFIN, GEORGE NBC, Spot Programs.

GRIFFITH, EDITH

KIRO. Scattle, Wash, Voice of Romance

of Romance.

GRIFFTH, JAVE
WSUN, St. Petersburg, Fla.
Songs And Satire.

GRINNA, MILES
KFJM. Grand Forks, N. D.

GROSHONG, PHILLIP
WTAM, Cleveland, Ohio.

GROSJEAN, RETTY
WTOL, Toledo Ohio. Betty
Jean.

Accen

GROSS, CLIF WINN, Louisville, Ky, Bar Nuthin Ranch.

GUNKSY, MAURICE KROW, Oakland, Calif, GUTHRIE, WOODY

Pipe Smoking Time. CES.

GUY, BOB WSB, Atlanta, Ga. Song For Today.

#### - H **-**

HADEN, MARY JANE KMA, Shenandoah, Ia. HAGAMAN, CHARLIE

WNOX, Knoxville, Tenn. Midday Merry-Go-Round, HAGEDORN, BOB

WHIZ, Zanesville, Ohio. Down Through The Years.

HAINES, CONNIE

NBC. Fame and Fortune.
HAIR, SHELLY

WFTL. Fr. Landerdale, Fla. Smile With Shelly Hair, HALE, LIBBY

WAAT, Jersey City, N. J. Broadwaynes,

HALE, TRAVIS

KGR-KPO, San Francisco. Calif. Three Cheers, Songbusters.

HALEY, PAT KDKA, Pittsburgh, Pa. Kay-Dec-Kapers, Boy Meets Girl. HALL, FRED

Pipé Smoking

Time CRS. Fields And Hall NBC.

HALL, JOE

KMMJ, Grand Island, Nebr.

Prairie Pioneers.

HALL SISTERS

HALL SISTERS

WHMA, Anniston,

Ala. Sab-

bath Song Serenade,
HALLMAN, ADRIAN
WCOS, Columbia, S. C. Palmetto Trio.

HAMILTON, ANNA MAY WLBJ, Bowling Green. Ky. WLBJ, Bowli Piano Moods.

HAMILTON, BARDARA WCAP, Asbury Park, N. J. HAMILTON, Mrs. E.

CHAB, Moose Jaw, Sask.

HANEY, LESTER
WLBJ, Bowling Green, Ky, The
Dixie Troubador.

HANNA, PHIL

KGR-KPO, San Francisco, Calif. Three Cheers, Songbusters.

HANNAH, GERALDINE KFJM, Grand Forks, N. D. Melody Quiz. HANSULD, LLOYD

KMBC, Kansas City, Mo. Scrappy O'Brien And His Toy City, Band, Camel Caravan, Prairie Sweethearts, Penny Serenade, Rhythm Riders And Judy Allen, Brush Creek Follies, Early Show, Birds Dinner Roundup.

HANSULD, ZERLINA

KMBC. Kansas City. Mo. Scrappy O'Brien And His Toy Scrappy O Brief And his 10y Band, Camel Caravan, Prairie Sweethearts, Penny Serenade, Rhythm Riders And Judy Al-len, Brush Creek Follies, Early Birds Show, Dinner Roundup

HAPPY HOLLOW BOYS
WDGY, Minneapolis, Minn.
Happy Hollow Program, Farmyard Follies.

HARKNESS, BILL WKBH, La Crosse, Wise, Dawn

Busters

HARKNESS, HENRY WKBH, La Crosse, Wisc. Dawn Busters

HARMONETTES, THE KMOX, St. Louis, Mo. Ben Feld Show.

Feld Snow.
HARPER, JEAN
WMEX, Boston, Mass.
HARRIS, J. C.
KWJB, Globe, Ariz. Yodeling Troubadour.

HARRIS, TOMMY
KFRC, San Francisco, Calif.
Breakfast Club.

HARROLD, HOPE

WSB, Atlanta, Ga. Song For Today

HASTINGS, BOBBY NBC. National Barn Dance. HEALY, DAVID

WELL, New Haven, Conn. HEALY, WILLIAM WMAS, Springfield, Mass. Serenade To An Afternoon.

HEFNER, VALERA WLOG, Logan, W. Va. Eventide Melodies.

HELGERSON, RUTH WKBH, La Crosse, Wisc. Dawn Busters

HELM, CONNIE LEE KOAM, Pittsburg, Kans. Frolich Presents.

HEW. LOIS

WMRO, Surora, III.

HENDRICKS, GLADYCE

KFPY, Spokane, Wash, A

Song To You, Studio Party,

Remember When.

HENDRIX, JIM KUOA, Siloam Springs, Ark. KUOA, Siloam Springs, Ark. HENRY, DORIS KTBS, Shreveport, La Songs

By Doris

By Doris.
HESS, MINA
KTAR, Phoenix. Ariz.
HIGHT, WINI
WDEV, Waterbury, Vt. Melodies of Happiness.
HILL, DOROTHY NEWCOMB
WRNL, Richmond, Va.
HILL, FAY
KNOW Auctin Torons KNOW, Austin, Texas.

# Lanny Ross

CBS Monday Through Friday 7:15 P.M. E.S.T. ● 8:15 P.M. P.S.T.





Ben Bernie Bromo-Seltzer Show NBC Blue Network

Under Contract to Universal Pictures Personal Manager: Martin W. Spector

HILL, WALTER WMBD, Peoria, Ill. HILL, ROY

•

WHIS, Bluefield, W. Va. The Melody Shop. HODGE, LEO

WBNS, Columbus, Ohio. Harmony Heaven.

mony Heaven.
HOFFMAN, JACK
KTUL. Tulsa, Okla. Your
Lucky Break, Jack And Mae.
HOLLAND, JEAN
WMBC, Detroit, Mich. Phil-

harmonics

HOLLY, DAVE WGPC, Albany, Ga. Dave And Helen

HOLSTEIN, CHICK

KMA. Shenandoah, Ia. HOPKINS, DOC WJJD, Chicago, Ill. Bureau of

WJJD, Chicago, Ill. Bureau Missing Persons.
HORNE, EVELYN
WGPC, Albany, Ga.
HORNER, VERNIE
KGKL, San Angelo, Texas.
HORVATH, LOUIS
WARD, Brooklyn, N.
Hungarian Variety Hour.

HOUSE, EDDIE KROW, Oakland, Calif. Songs Eddie House, Voice of Love, Hayloft Party, HOVLAND, ARDIS

KFJM, Grand Forks, N. D.
HUARD, LARRY
WTIC, Hartford, Conn. Wandering Minsurel.
HUBGENS, RAY
KMBC, Kausas City, Mo.

Rhyme-A-Line Time, Rhythm an me-A-line Time, Rhythm Riders And Judy Allen, Brush Creek Follies, Dinner Bell Roundup, Early Birds Show, HUDSON, MARGIE KMOX, St. Louis, Mo. Mellow Time

Time HUFFMAN-NELSON QUARTET KPDN, Pampa, Texas.

KPDN, Pampa, Texas,
HUFSMITH, FRED

NBC, The Armchair Quartet,
National Radio Pulpit, National Vespers,
HUME, THELMA
CFAR, Flin Flon, Manitoba,
Smilin' Through.

HUMPHREY, RICHARD WHIP, Hammond, Ind. Teatime

HUMPHREYS, DOROTHY

STEVENS WHKC, Columbus, Ohio. Salon Serenade, Songs That

Salon Serenade, Songs That Sweethearts Sing. HUNNICUTT, MIKE WKRC, Cincinnati, Ohio. Dawn Patrol, Mike The Breadman. HUTTON, MARION CBS, Glenn Miller And His

Orchestra.

- I -IDLE, JEAN

KWJB, Globe, Ariz. Idle Moments.

INK SPOTS, THE

NBC. Spot Programs.

IVERS, KAY

WBZ-WBZA, Boston-Sprufield, Mass. Morning Toast. Boston-Spring.

- **J** 

JACKSON, HOWARD WHIZ, Zanesville, Ohio. Quar-ter-To-Nine.

JACKSON, KEFFIE WSTP, Salisbury, N. C. Alice Blue

JACKSON, STONEY KUJ, Walla Walla,

Wash. Braden-Bell Serenaders, Lutch-

er's Requests.

JAMES, MARJORIE

WGRB, Goldsboro, N. C. Songs By Marioric

JEFFERIES, ELIZABETH

WMBS, Uniontown, Pa. Uniontown Music Club. JEFFRIES, DOROTHY

KTRI, Sioux City, Ja. JENKINS, MARION WMEX, Boston, Mass.

JESKE, FRED
WSYR, Syracuse, N. Y. Timekeeper, Dinner Bell,
JESTERS, THE

NBC. Gulden Serenaders.

JOHNSON, A. L. KFSG, Los Angeles, Calif. KFSG, Los Angeles, Calit. A. L. Johnson's Southern Gospel Singers

JOHNSON, BERNICE WSB, Atlanta, Ga. Song For

Today JOHNSON, CLARK CKNX, Wingham, Ont. CKNX

Barn Dance

JOHNSON, EDDIE KMBC, Kansas City, Mo. Scrappy O'Brien And His Toy Band, Boogie Woogie To You, Brush Creek Follies, Dinner Bell Roundup, Early Birds Show

JOHNSON, PAULINE

JOHNSON, PAULINE
KPDN, Pampa, Texas.
JONES, ANDY
KGKL, San Angelo, Texas.
JONES, HELEN, LOUISE
WBAB, Atlantic City, N. J.

JONES, MILDRED WSB, Atlanta, Ga. Song For

Today.
JONES, RUTH
WGPC, Albany, Ga.
JONES, WALLIE
WSTP, Salisbury, N. C.

JOY, ALICE KTUL, Tulsa, Okla, Melody Moods

JUSTICE, ROBERT KFJM, Grand Forks, N. D.

JYLES, JOHNNY

KGKL, San Angelo, Texas. M System Pennysavers, The Country Store.

KABER, RUSS KGCU, Mandan, N. D. The Prairie Singer.

KALLEN, KITTY WSM, Nashville, Tenn. Sunday Down South.

WARD, Brooklyn, N.
Hungarian Variety Hour.
KASPER SISTERS
WJJD, Chicago, Ill.
KAY, RAMONA KAROLYI, MARIA Y

KAI, KIMONA KMO, Tacoma, Wash. KEITH, RAY KOAM, Pittsburg, Kans. Songs of Ray Keith. KELLEY, HARRIET WHAI, Greenfield, Mass.

KELLY, TALLEY WCOS, Columbia, S. C. Little Red Schoolhouse.

KEMPER, LOU KVOO, Tulsa, Okla. Merrymaker

KENNEDY, REED KDKA, Pittsburgh, Pa. Eve-KDRA, Pittsburgh, Pa. Evening Echoes, Treasure Trails.
KIDDER, WALTER
WNAC, Boston, Mass, Walter
KINDER SISTERS
KDKA, Pittsburgh, Pa. Merry
Music, Treasure Trails.

KING, BOB

CKGB, Timmins, Ont. Rhythm On the Range. KING, BONNIE

NBC. Bob Crosby's Dixieland Music Shop. KIRKHAM, JOE

KDYL, Salt Lake City, Utah.
KNIGHT, CAROL
KMPC, Beverly Hills, Calif. Song Stories.

Song Stories.

KNIGHT, EVE

KYW, Philadelphia, Pa. Symphonic Melodies.

KNIGHT, FELIX

NBC. Schnefer Revue.

KRCEK, JAMES

WEDC. Chicago, Ill. Melody

#### — L —

LABADIE, PHIL CKNX, Wingham, Ont. Lacentra, Peg

NBC. The Gulden Serenaders, LAGARDE, CORINNE

CBV Quebec, Que.

LAMB, RUSS

KFJZ, Fort Worth. Texas.

Eleven Thirty Incorporated. LAMBERT, SCRAPPY

NBC. The Men About Town.

LAMM,

AMM, FREDDIE KRNT-KSO, Des Moines, Ia. Tall Corn Time, Hawkeye Dinnertime, Betty Jean And Freddie,

LANDT TRIO WGY, Schenectady, N. Y.

LANE, BETTY WIP, Philadelphia, Pa. Head-lines From Hollywood.

LANE, DAVE
WBT, Charlotte, N. C. Dave
And Jane.

LANE, ELEANOR
WBZ-WBZA, Boston-Sprin
field, Mass. Morning Toast. Boston-Spring-

LANE SISTERS WINN, Louisville, Ky.

LANSING, GERTRUDE KYA, San Francisco, Calif, Melody Land And Gertrude Lausing.

LAPOINTE, MARTHA CBV

Quebec, Que. Ici l'on Chante.

LaRUE, FRED WIP, Philadelphia, Pa. Lovely To Look At.

LEARY, WALTER WTAG, Worcester, Mass. Songs

We Love.

LE BRUN SISTERS

Eddie Cantor Show NBC, Kate Smith Hour CBS, Rudy Vallee-Sealtest Show NBC.

TEE

EE, ALTA KTFI, Twin Falls, Ida, Hi-Yea Neighbor, Yea

LEE, BOB

KWLC, Decorah, Ia. Hyrms We Love, Shining Hour, EE, DOROTHY

KGR-KPO, San Francisco, Calif, The Songbusters, LEE, NANCY KMA, Shenandoah, Ia. LEE, SALLY KNOW, Austin, Texas,

VIRGINIA LEE.

KV00, Tulsa, Okla, Voice And Violin, Virginia Lee Sings.

LEECH, BILLY KDKA, Pittsburgh, Pa. Tap Time

LEIGHTON, CAROL KFJZ, Fort Worth, Texas, Sours of Carol Leighton, LEISHMAN, ANNE CJOC, Lethbridge, Alberta,

CJOC, Lethbr Piano Patterns

Lekreeun, Pierre NBC. Manhattan Merry-Go-Round.

LEMELIN, ANTONIO CBV. Quebec. Que

LEONARD, JACK

CBS. Spot Programs. LEONEY, ALETTA JO WHIS, Bluefield. WHIS. Bluefi Piano Reveries W

LETOURNEAU, PAUL CBV. Quebee, Que. Ici L'ou Chante.

LEWIS, BILL CKLW, Windsor, Out.

LINLQUST, L. B.

WSYR, Syracuse, N. Y. LINDSAY, ART KXRO, Aberdeen, Wash, Syn-copated Riddles.

LINWOOD, LUCILLE WBNS, Columbus, Ohio, Har mony Haven

LOCKE, NORMA CBO, Ottawa, Ont.

LOGAN, ADDIE WFAA, Dallas, Texas,

LOGAN, PETE

RVO. Tacoma, Wash, Pete The Singing Cowb.md, Twi-light Trails, Barn Dance.

LORRAINE, KAY NBC. Echnes of New York.

LOWE, NORINE WWNC, Ashville, N. C. Top O' The Morning,

LUCAS, LONNIE WSAZ, Huntington, W. Va.

LUDDEN, FRANCIS WSTZ, Steubenville, Ohm, Hymns You Love.

LUSTRE, WARREN WOAL, San Actonio, Texas, Reverie.

LUTHER, FRANK NBC. Luther Layman Singers. Laucheon At The Waldert.

LYNNE, EVELYN NBC. Breakfast Club Chib Matinec, Roy Shield Revue.

I.VON, RUTH NBC. Words And Music.

#### — M -

McCLESKEY, FRED KUOA, Siloam Springs, Ark, McCONNEL, GRACE

WLPM. Suffolk, McConnel Sings. Va. Grace

McCORNELL, ED NBC, Smilin' Ed McConnell, McCORNACK, MALCOLM WBZ WBZA, Boston-Spring-field, Mass, Family Circle,

McCULLOUGH, ANNETTE WGY, Schenectady, N. McCULLOUGH, JOSEPH

MCCLLOCH, JOSEPH KROW, Oakland, Calif. McELROY, JACK KTUL, Tulsa, Okla, Pot Luck, Jack And Mac, McELWEE, TOM WHIO, Dayton, Ohio, Song-

time McGEORGE, GLADYS

KARM, Fresno, Calif. Notes For Milady, Early Risers Club.

McHUGH, GLORITA WHAS, Louisville. WHAS, Louisville, Ky, Blue-grass Brevities, Early Mor-vius Jamboree, Sweet And East

Meintyre, Russell WSTP Salisbury, N. C. Russel McIntyre Entertains. MeINTYRE SISTERS

CHAB, Moose Jaw, Sa McKAY, CATHERINE WIBW, Topeka, Kans, McKAY, PAT

Angeles. Calif. KXX Los Housewives' Protective

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Mgt.: NBC Arisis Service:

League. Saturday Morning Party, Sunrise Salute, McKEOWN, JOE

WARD, Brooklyn, N. Y. Road To The Isles.

McKINNEY, WALTON KALE, Portland, Orc. Kinney & Company. Mc-

McKINNON, ALEX WHLS, Port Huron Mich. McMEINS, KENNY KMMJ, Grand Island, Nebr.

KMMJ, Grand Prairie Pioneers

McMICHAEL, REG CKNX, Wingham, Ont. CKNX Barn Dance

McQUAIN, WANDA KBST, Big Spr Love Song Time. Spring, Texas.

MacADAM, FRANK W. WBAB, Atlantic City MacARTHUR, JUNE City. N. J.

WMRO, Aurora, Ill. MacDONALD, "CACTUS MAC" CKNX, Wingham, Out. Gulley-Jumpers.

MACHTEL, DAVID WIBA, Madison, Wise, Art Songs of the Masters, MacHUGH, EDWARD

NBC. The Gospel Singer. MAE, GEORGIA

WBZ-WBZA, Boston - Springfield, Mass.

MAHANEY, FRAN KMBC, Kansas City, Mo. Tenas Rangers, Circle G. Ranch, Melody Ranch, Fore-

MANNERS, LUCILLE NBC. Cities Service Concert.

MANNERS, VIRGINIA KMBC, Kansas City, Mo. Scrappy O'Brien and His Toy Band Camel Carayan, Prairie Sweethearts, Penny Serenale, Rhythm Riders and Judy Allen, Brush Creek Follies, Early Birds Show, Dinner Bell Roundup.

MARBLE, ALICE WNEW.

MARION, WOODY City, KM BC. Kansas Serappy O'Brien and His Toy Band, Camel Caravan, Prairie Sweethearts, Penny Serenade, Rhythm Riders and Judy Al-len, Brush Creek Fullies, Early Birds Show, Dinner Bell Roundup.

MARSHALL, DON MARSHALL, DUN KFIZ Fond du Lac, Wise, Ulle and Don, MARTEL, MIRLAM WWL, New Orleans, La, MARTIN, EDDIE WNAX, Yankton, S. D.

MARTIN, JOE WCAU PI

Philadelphia. Pа. America Flics.
MARTIN. MARY

NBC. Good News of 1941. MARTIN, NANCY WENR-WMAQ Chicago, Ill. Breakfast Club, Club Matinee.

MARTIN ZEKE WNAX, Yankton, S. D. Sun-day Get-Together, Pick and

Push. MARTINS, THE CBS. Fred Allen Show. MASON, SULLY

Musical Knowledge,
ATTKE, BERNICE
Aurora, Ill. Bernice WMRO, Aurora, Illand Her Accordion,

MAY, ALBERT WMEX. Boston, Mass.

MAY, RODERICK

KMRC., Kansas City, Mo. Texas Rangers, Circle G. Ranch, Melody Ranch, Fore--:1-t

MAYER, LOIS KPLT, Paris, Tex WEARS, MARTHA Texas.

KNX Los Angeles. Calif. Saturday Morning Party. Texas Rangers

MELTON, JAMES
NBC. The Telephone Hour.
MEN ABOUT TOWN, THE
NBC. Manhattan Merry-Go-

Round. MEN OF THE WEST KOA, Denver, Colo. Rangers

Screnade, MERRILL, MAXINE KTFI, Twin Falls, Ida, Mid-

Moraing Jamborce, METCALF, JOHN WAAB, Boston, Mass, Choir Loft

MIANI, DARIO WMEX, Boston Mass. MILLER, DOROTHY VOV. New York, (1100) Review. wor, Υ.

MILLER, FREDDIE WFBM. Indianapolis. Big Freddie Miller. Tud.

MILLER, MANNY RDYL, Salt Lake City, Utah. The Dude Rancher,

WILLER, MARY LOU WBNS, Columbus, Ohio, Mary Lou Sings

MILLER, VIVIAN WTOL. Taledo. Ohio, Land of Song.

MINNOTT, IVAN WHAI, Greenheld, Mass.

MINYARD, VIRGINIA WS1A, Jackson, Miss. Bream Girls.

MOLLOY, 40E KOAM, Puttsburg, Kans, Roy-in' Cowboy,

m Cownoy, MOODY, GEORGE R, KUOA, Siloam Springs, Ark. MOODY, RALPH WIEW, Topeka, Kans, Kansas Roundup,

MOONEY, LOUISE WCOS, Columbia, S. C. Columbua Hall.

MOORE, JUANITA WHIS, Blueneld, W. Va. Lee and Juanita.

MOORE, LEE WHIS, Bluefield, W. Va. Lee and Juanita.

MOORE, MARJORIE WDAY, Farro, N. D.

WHAY, Facto, N. D. MORELAND, PEG WEAA, Dallas, Texas, MORIN SISTERS, THE NBC, Breakfast Club

MORSE, HILDA WCAU, Philade Story To Tell. Philadelphia, Pa.

MORTON, NATALIE WBRK, Pittsfield WBRK, Pittsfield, Songs of Today. Mass. MORTON, ROBERT

WHFC., Cieero MUNN, FRANK Ciecro, Ill.

NBC. Waltz Time, American Album of Familiar Music, MURDOCK, VIRGINIA

WGY, Schencetady, N. Y.

NADEL, SHIRLEY WOLF, Syracuse, N. Y. Songs By Shirley,

NASH, JACK KEX-KGW, Portland, Ore. NEESS, ERLU

WBIG. Greenshoro, Modern Moods,

NEFF, DALLAS KIDO, Boi-c, Ida, Cowbox slim.

NEVILLE, BILL KROC, Rochester, Minn, Music Shop.

NICKSON, GEORGE

KGO-KPO, San Francisco, Calif, Barbershop Quartet, NOBLE, BOB WGNY, Newburgh, N. Y. Gos-Singer

NOMMENSON, GRETCHEN WHA, Madison, Wisc. NORMAN, BARBERA KROW, Oakland, Calif.

NORSEMEN, THE NBC. Vocal Vogues. NORTH, DICK

WIRE, Indianapolis, Ind. Ro-mantic Melodies. NORTON, LEE WKY, Oklahoma City, Okla.

Morning Serenade, Southwestern Serenade, Pancho and His Ridgerunners

NUGENT, HELEN WKRC, Cincinnati, Ohio, Just For You, Old Fashioned Girl.

#### - 0 -

O'BRIEN, ADRIAN WNAC, Boston, Mass, Good News With Alice and Adrian, O'CONNELL, TOMMY WEDC, Chicago, Ill. Sweet

and Low

OGLE, BARNEY

KGNC, Amarillo, Texas.
O'HEREN, DICK
WCLE-WHK, Cleveland, Ohio.

WCLE-WHK, Cleveland, Omo. Songs By Dielt. O'LEARY, ALICE WNAC. Roston, Mass. Good News With Alice and Adrian. OLIVER, GRAHAM WRNI, Richmond, Va. Ten-

po Indigo, Your Lucky Night. O'MALLEY, PAT

NBC. Alec Templeton Time. O'NEIL, BOBBY

WBAB, Atlantic City, N. Y. OTERO, EMMA

WOV, New You Gold Program. New York, N. Y. Old

OWENS, JACK KECA, Los Angeles, Calif. Music By Sweeten.

PACE, ROBERT Wire, Indianapolis, Ind. Ser-enade in the Night. PARISH, GEORGE WNEC New Butter Handford

WNBC, New Britain-Hartford, Conn. Harmony Boys, Conn.

PARKER, FAYE
KDKA, Pittsburgh, Pa.
Time. Treasure Trails, Тар Time, Treamers Girl. Boy

Meets Girl.
PARSONS, BOB
KVOO. Tulsa, Okla. Your
Singing Neighbor.
PARSONS, CLARENCE
WGH, Newport News, Va. The Gospel Singer.

PAXTON, HELEN
KGNC. Amarillo, Texas.
PKACOCK, DOROTHY
KPDN, Pampa, Texas.

KPDN, Pampa, Texas, PEDI, RALPH WOV, New York, N. Y. Balbo Program.

PEERCE, JAN NBC. Radio City Music Hall of the Air.

PELLEY, CHARLES

WTAG, Worcester, Mass. Song Revue. PENCE, INEZ

KLZ, Denver, Colo. Lend An Ear. Ladv

PENNY, HANK WSB, Atlanta, Ga. WSB Barn

PENTON, KAY WSLI, Jackson, Miss. Kay Penton Sings.

PERKINS, RAY NBC.

PERKINS, TOM WCAU, Philadelphia, Pa. Mr. Everyman Speaks,

PERRY, BILL

Saturday Night Sere-CBS. nade

PERRY, STAN

WSB, Atlanta, Ga. Song for Today

PETERS, ARTHUR KRLD, Dallas, Te

Texas. PETERS, HENRY

WIBW. Topeka, Kar PETERSON, RAYMON

Texas

KNOW, Austin, Tex PETERSON, WALLY KFAR, Fairbanks, KFAR, Fairbanks, A Healy River High Jinx. Alaska.

PETTIJOHN, LILLIAN KTAR, Phoenix, Ariz.

PFAFF, LILLIAS

WAIR, Winston-Salem, N. C. Melody Time.

PHILLIPS, PAULINE WBTH, Williamson, W. Va. Song Styles.

PHIPPS, AMOS WOLF, Syracuse, N. Y. Gospel Hymns.

PIKE, BETHEL,

KMBC. Kansas Cit Brush Creek Follies. C. Kansas City, **Mo.** h Creek Follies, Dinner Roundup, Early Birds Be11Show.

PITT, EMMA

WSM, Nashville, Tenn, Classic Hall.

PITTS, RUTH

WAIR, Winston-Salem, N. C. Romance In Song.

PIZZEY, TOM

CJOC. Lethbridge, Al Name It and It's Yours. POHL, HAL STELTEN WFHR. Wisconsin R Alberta.

WFHR. Wisconsin Wisc. Romantic Cavalier. Rapids,

PORTER, MARQUENITE
WMEX. Boston, Mass.
POTTER, EARL
WBZ-WBZA, Boston - Springfield, Mass. Even Songs.

POULTON, CURT WDZ, Tuscola, Ill.

POWELL, DICK NBC. Good News of 1941. POWELL, PETE
WSIX, Nashville, Tenn.

PRESTON, LONNIE KGKL. San Angelo, Texas.

PRICE, HOWARD

WCAE, Pittsburgh, Pa. Airliners, Lazy Rhapsody, PRIGMORE, JACK

WFAA, Dallas, Texas.

PRIN, TOBY
WCCO, Minneapolis-St. Paul,
Mun. Saturday Ayem Open House,

PRINCE, CATHERINE WFAA, Dallas, Texas.

PROPST, JODENE

KRBC, Abilene, Texas, What's New!

PROYOR, CHARLES

City. KMBC. Mo. Kansas Scrappy O'Brien and His Toy Band. Boogie Woogie To You, Brush Creek Follies,



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Mountaincers.

#### - R ·

RAE, MARJORIE KDYL Salt Lake City, Utah, RAOCH, PAUL WAVE, Louisville, Ky. Linger

Awhile.

Awhite.
RARIG, JOHN
NBC, CBS, MBS.
RASHID, SISTERS
WMBD, Peoria, Ill. Petticoat
Parade, Rhythm Rascals, RAVENSCROFT, THURL

NBC, CBS, MBS, RAVEY, MAX WDEV, Waterbury, Vt. Bal-

lads.
RAWLS, CHARLIE
WSLI, Jackson, Miss.
RECEDONI, LOUISE
KVI, Salt Lake City, Utah.
REINHART, DICK
CBS. Melody Ranch.
REMSEN, ALICE
NBC. The Land of Make Be-

REYNOLDS, BRAD

WHN, New York, N. Y.
RHODES, BETTY JANE
Adventures in Rhythm MBS,
It Happened in Hollywood
CBS, Fred Allen Show NBC.
Bob Hope Show NBC.
RICCARDI, PETER
WHAS Louisville My Con-

WHAS, Louisville, Ky. Con-trasts In Rhythm. RICCIARDI, FRANK

WOV, New York, N. Y. Camay

Program. RIDDLE, BOB WOLF, Syracuse, N. Y. Sleep-

busters.

RIEHL, FREDDIE
CKNX, Wingham, Ont. Sarah
and Little Freddie.
RIOME, DON
CHAB, Moose Jaw, Sask.

CHAB, Moose Jaw, Sask.
RISK, ADELE
WSAZ, Huntington, W. V.
Song Serenade.
RISTIC, DOROTHY JUNE
WMBD, Peoria, Ill. Dorothy
June Sings, Juvenih Theatre.

RITCHIE, CAMPBELL CKLW, Windsor, Ont. Quiet Sanctuary.

ROBERTS, RICHARD
CKNX, Wingham, Ont.
ROBERTS, TONY
WAAT, Jersey City, N. J. Fox Fur Trappers.

ROBINSON, FRANCIS WHIZ, Zaneville, Ohio, Songs For Sale.

LIBBY WHN, New York, N. Y.

ROECKER, EDWARD
CBS. Pipe Smoking Time.
ROESE, RAY

WBNS, Columbiands, Columbus, Ohio. The

ROGERS, JIMMIE WKRC, Cincipnati Ohio.

RONNEY, SHIRLEY ANNE KFJM, Grand Fork, N. D.

ROSS, CLARK KNX. Los Angeles, Calif. Styles in Melody, The Song's

the Thing. ROSS, FRANK

ROSS, FRANK
WMEX, Boston, Mass.
ROSS, LANNY
CBS, Lanny Ross.
ROSSI, PAT
WOV. New York, N. Y. Musical Entrees.

ROWE, GENEVIEVE NBC.

Johnny Presents. ROWE.

KBST. Bis Spring. T Songs of Queenie Rowe. ROY. CONSTANCE WCOU, Lewiston. Me. Texas.

RUDDELL, MARIE GRENDRON WJMS, Ironwood, Mich. Song Time.

RUSH, FORD WSM, Nashville, Tenn, Lullabye Time.

RUSSELL, ROBERT WINN, Louisville, Ky. Sante Trails.

RUVELL, NORMAN WWJ, Detroit, Mich. RYAN, OLIVE WMBC, Detroit, Mich. Bandwagon.

RYLES, BUDDIE

KUJ, Walla Walla, Wash. Braden-Bell Sernade, Lutcher's Request.

#### 

ST. CLAIR, WENDELL KFSG. Los Angeles, Calif. A

Song in Your Heart.
SALEEBA, MAXINE
WBTH, Williamson, W. Va.

WBTH, Williamson, W. Va. Torch Tunes. SALLEY, CARERE WCOS, Columbia, S. C. Colum-

bia Hall.
SALLY AND SUE
KFRU, Columbia, Mo. Sally

and Sue.
SANANDRES, AMELIA
WOV. New York, N. Y. La
Rosa Program.

SAUCIER, GERALD WCOU, Lewiston, Me. Evening Songs.

SAUNDERS, SONNY WIP, Philadelphia, Pa. Dialing for Dollars.
SAVAGE, MARGARET
KRLH. Midland, Texas. Sav-

age Rhythm.

SCHARPENTER, BEA WMRO, Aurora, Ill. Melodies from the Sky. SCHMIDT, TEX WKBH, La

WKBH, La Crosse, Wisc. Dawn Busters. SCOTT, CYNTHIA WICC, Bridgeport, Conn. Songs Crosse, Wisc.

By Cynthia.

SCOTT, FRED WAVE, Louisville, Ky. Hymns We Love.

SEEL, GLORIA

WCSC, Charleston, S. C. Songs By Gloria Seel.
SELDON, JEAN
KNET, Palestine, Texas.
Black and White Reflections.

SHARP, IRVING

WDBJ. Roanoke, Va. SHAW, MARVIN

WAIM, Anderson. S. C. Melo-

•

WAIN, Anderson. S. C. Meto-dies That Endure. SHAW, MONETTE WOAI, San Antonio, Texas. The Story and the Song. SHEPHARD, REX CKCH, Hull, Que. The Home-

steaders.

SHERMAN, FLOYD

NBC. Johnny Presents, The Telephone Hour. SHERMAN, LILLIAN WCLE-WHK, Cleveland, Ohio. Lillian Sherman Sings.

Lillian Sherman Sings.
SHINKLE, LAURA
WGPC, Albany, Ga.
SHORE, DINAH
NBC. Time to Smile.
SIGNALEERS, THE
NBC. The Signal Carnival.
SILVA, JOE
KVCV. Redding, Calif. Songs
By Silva

By Silva. SIM BROTHERS

SIM BRUTHLAS KPDN, Pampa. Texas. SIMMS, VIRGINIA NBC. Kay Kyser's College of Musical Knowledge.

MUSICAL AHOMACUS.
SIMPSON, PAUL
WMEX, Boston, Mass.
SINATRA, FRANK
NBC. Fame and Fortune.
SIX HITS AND A MISS

NBC. The Pepsodent Show. SKINNER, PAUL

WMAN. Marinette, Jewels of Melody.

Medels of Melody,
SLICER, HERNDON
WDBJ, Roanoke, Va.
SLIM, ALBERTA
KFJM, Grand Forks, N. D.
SLOEY, AL
KMA, Shenandoah, Ia.

SLUSSER, HAZEL WSUN, St. Petersburg, Fla. A Girl and A Band.

A Girl and A Band.
SMITH, ATHOLENE
KLO, Ogden. Utah.
Misses and A Mister.
SMITH, CECIL
KYSM, Mankato, Minn.
SMITH, CHET Three

KMMJ, Grand Island, Nebr. Prairie Pioneers.

SMITH, EDDIE KFBI, Wichita, Kans. Pioneer Quartet. The

SMITH, HOWARD KMBC, Kansas City, Rhyme-A-Line Time, Rhythm Riders and Judy Allen, Brush Creek Follies, Dinner Bell Creek Follies. Roundup, Early Birds Show.

SMITH, JAY
WFAA, Dallas, Texas.

SMITH, KATE
CRS. Kata Smith Many

Kate Smith Hour. CBS. Kat SMITH, KID

WSAZ, Huntington, W. Va. SMITH, MARY LOIS

KOAM, Pittsburg, Kans. Mary Lois Sing.
SMITH, MAX
NBC, CBS, MBS.
SMITH, RACHEL
WGPC, Albany, Ga.

SMITH SISTERS

WSAZ, Huntington, W. Va. SMITH, SUSAN Clarksburg, W. Va.

WBLK, Clark Melody Time.

SNYDER, ANNA MARIE WKBC, La Crosse, Wise, Dawn Busters

SOWDEN, VERNON KOVC, Valley City, N. D. Songs For Every Mood.

SPEASE, ROBERT WHEC, Rochester, N SPELTS, ELIZABETH

WBIG, Greenshoro, N. C. Sun-

day At Twilight.
SPIVEY, DOUG
WSB, Atlanta, Ga. WSB Barn Districts

SPORTSMAN, THE CBS-NEC-MBS.

v of Sept. -9188.

SPRATT, HARRY

WICC, Bridgeport, Conn. Yodellin' Slim.

STAHL, BOB KMMJ, Grand Island, Nebr. Western Harmony,

STAIL, DICK KMMJ, Grand Island, Nebr. Western Harmony.

STAHL, GERTRUDE KMMJ, Grand Island, Nebr. Market Basket - Homemakers Club

STALKER, KAY KMMJ, Grand Island, Nebr. Swing Your Lady, Just A Memory, KMMJ Ranch House Spot and Dot.

STAMPS QUARTET, FRANK KWKH, Sloreveport, La. STANDON, RONALD CJOC, Lethbridge, Alberta,

STANLEY, CECILIA WSUN, St. Petersburg, Fla. Songs By Cecile,

STEELE, TED CBS. Ted Steele Songs. STEPHENS, HAROLD

Atlantic City, N. J. WFPG, Atlan Meledy Tenor.

STEVENS, ANN WELL Boston, Mass. Matinee Promenade.

STEWART, FRANKLYN WCKY, Cmemirif, Ohito, Franklyn Stewart Entertains, STEWARD, JEAN

WIP Philadelphia, Pa. Swing Oniz

STOKES, ELOISE WWNC, Asher WWNC, Asheville, N. C. Songs In Blue,

STOKES, JEANETTE DARBY WBAB, Atlantic City, N. J.

STONE, JAMES KTBS, Shreveport, La.

STRICKLAND, WAYNE KNET, Palestine, Texas, Bell Ringer Program.

STRICKLING, ADA R. WBLK, Clarksburg, Melody Dream Girl, Clarksburg, W. Va.

STUART, BONNIE KYW, Philadelphia, Pa. Songs By Bonnic Stuart.

SUITS, GORDON WFAA, Dallas SULLIVAN, GENE Texas.

KOMA, Oklahoma City, Okla, Wiley and Gene.

SUMBALL, GERALDINE

WSLI, Jackson, Miss. Dream Girls. The

SUTHERLAND, ADD Philadelphia, WCAU. Philadelphia Philadelphia Prepares Pa

SWING FOURTEEN, THE NBC. Johnny Presents.

TABOR, JIM

KGFW. Kearney, Nebr. The
Yodeling Cowboy.

TESCHEREAU, JEANNE Que.

CBV, Quebec, Q KMBC, Kansas City, Mo. Rhyme-A-Line Time, Rhythm Riders and Judy Allen, Brush Creek Fullies, Disc. Creek Fellies, Dinner Bell Roundup, Early Birds Show.

TAYLOR, BETTY LEE WKAT, Miami Beach, Fla. Musical Taylor Shop. TAYLOR, MARVIN

WSB, Atlanta, Ga, WSB Barn

THOMAS, RED WSYR, Syractise, N. Y. Nick

n Red. THOMAS, RUTH WDBJ, Roanoke, Va. Rhythm

Caravan. THOMPSON, AL KSAL, Salina Kans, Pi Moods, Dinner Dividends, Kans. Piano

THOMPSON, GENE KWNO, Winona, Minn. Song-Little



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Time,
THREE NOTES, THE

KTAR, Phoenix, Ariz. THREE TONES

WCCO, Minneapolis-8). Paul, Minn. Sunriser, Open House. TILTON, MARTHA NBC. Charles Dant and His

Orchestra.

TIMM, ALLEN WEMP, Milwankee, Wise, Carefree Castle.

TODD, DICK NBC Sho

NBC. Show Boat.

TOLEMAN, TOLEY

KEX-KGW. Portland, Orc. 10's

A Woman's World.

TOMPSON, TOMMY KSO, Des Momes, La. Hawkeye Dinnerting.

TOSI, ALBA WMEX, Buston, Mass.

TRACY, FRANK
WNLC, New Landon, Cont.
Frank Tracy Varieties,
TUCKER, FRANCES
WSJS, Winston-Salent, N. C. WSJS, V TUMA, CY

KMMJ, Grand Island, Nebr. Smiling Cy and Smokey.

TURGEON, JACK WESX, Salem. Mass. derer of the Wasteland. Mass. Wan-AGATHA

TURLEY, AGATHA KGO - KPO. San Francisco. Calif.

TURNER, JACK WCFL, Chicago, Ill. Happy Jack Tarner.

#### - U -

UPDEGRAFF, GEORGE WJEJ. Hagerstown, I UTZMAN, SARAANNE Md. WBLK, Clark-burg, W. Va.

#### - V -

VALENTINE, HUBERT WTAG, Worcester, Pleasant Moments, Ma- -.

VALENTINE, RANCE WTAM, Cleveland, Ohio. Do You Remember?

VALLEE, RUDY Scaltest-Rudy Vallee NBC. Program.

VANDENBURG TRIO

KPDN, Pampa, Texas. VAN DYNE, WAYNE WENR WMAQ, Chicago, Ill. Farm and Home Hour. Roy Shield Revue.

VANN, FRANK WGH, Newport News, Va. The singing Bakerman.

VERRILL, VIRGINIA

NBC. Undle Walter's Dog
House, Show Boat.

VILLAGE CHOIR KFRU, Ca lage Choir. Columbia, Mo. Vil-

VITALLO, JOHN KFSG, Los Angeles, Calif. Organ Reveries.

#### - W -

WADE, LOIS WRBL, Columbus, Ga. Songs By Lois

WAIN, BEA

CBS. Your Hit Parade. WAKELY, JIMMY

Metody Ranch. WALKER, LARRY WIOD, Miami, Fla. Let's Go

Walking. WALKER, LILA FAYE KASA, Elk City, Okla, Three Shades of Clue.

WALKER, TEX WFTL, Ft Lauerdale, F America's Singmy Cowboy, Lauerdale Fla.

WALKER, WILEY KOMA Oklahoma City, Okla.

Wiley and Gene.

WALLACE, MRS. TOM KGKL, San Angelo, Texas, M System Penny-avers, Banner Burthday Club, The McClure Quarter, KGKL Community

Sing. WALSETH, PHYLLIS KFAR. Fairbanks. Healy River High Jinx.

WARE, MARJORIE KLO, Orden Viah, Misses and a Mister.

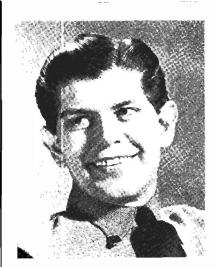
WARNER, NOAMA KTOK, Oklahoma City, Okla. Rollickers.

WARREN, JOHN WMBC, Detroit, Mich. Music Maestro.



# JERRY ANDERS





Elton Britt

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WATKINS, JOHNNIE WRAL, Raleigh, N. C. Seat Songs

WELFARE, MARGARET
WAIR, Winston-Salem, N. C.
Moods In Music.

WELLS, KENNETH WHIP, Hammond, Ind. Sanctuary Service.

WEST, JANE WTMV. East St. Louis, Ill. Sears Variety.

WESTBROOK, SI KOA, Denver, Colo, Sunshine Boys

WESTFALL, BOB WOPI, Bristol, Tenn-Va. Singing Ranger

WHITE, FRANCIA NBC. The Telephone Hour. WHITE, KENNETH

KMBC, Kansas City, Mo, Serappy O'Brien and His Toy Band, Boogie Weogie To You, Brush Creek Follies, Dinner Bell Roundup, Early Birdie Show.

WHITTED, NORFLEY WDWC, Durham, N. C. Drift-wood, Southern Plantation.

WILEY COLLEGE CHOIR

KWKH, Shreveport, La. WILHITE, BILL WIBW, Topeka, Kans. The Shepherd of the Hills.

WILLIAMS, ROGER KYW, Philadelphia, Pa. Music for Moderns, Symphonic Melodies.

WILLIS, CHARLES
KMBC, Kansas City, Mo.
Brush Creeck Follies, Dinner
Bell Roundup, Early Birds
Show.

WILLIS, GUY

KMBC, Kansas City, Mo. Brush Creek Follies, Dinner Bell Roundup, Early Birds Show.

WILLIS, VICTOR

KMBC. Kansa- Cit Brush Creek Follies, City. Mo. Brush Creek Follies, Dinner Bell Roundup, Early Birds Show.

WILSON SISTERS KRMC, Jamestown, N. D.

WINTERBURN, FLORENCE KFSG, Los Angeles. Calif. Your Favorite Songs.

WITTMAN, HELEN WISN, Milwaukee, Wisc. Club Continental, Down by Hermans.

WOOD, BARRY CBS. Your Hit Parade.

WOOD, ELOIS KVOO, Tulsa. Okla. Wood Sisters.

WOOD SISTERS KVOO. Tulsa, Okla. Wood Sisters

WOODLYN, ALICE WBAB. Atlantic City, N. J. WOODS, R. D. KWOC. Por Poplar Bluffs, Mo.

Songs for Shut-Ins.

WOODYATT, DON

KLO, Ogden, Utah. Gems of Melody

WRAY, EDYTHE WRWL, Richmond, Va. Flavor Time.

WRIGHT, BILL KVOO, Tulsa, Okla. Clambake, Western Serenade, Merrymakers.

— Y –

VAGMAN, JOSEPH WARD, Brooklyn, N. Y American Yiddish Varieties.

YEATS, WILLARD WKY, Oklahoma City, Okla. Yeats and Howard.

VOKELY, MARTHA JEAN WAIR, Winston-Salem, N. C. School for Saturday.

YOUNG, NORMAN WBAL, Baltimore, Md. Around the Dinner Table, Time for Romance.

— **Z** —

ZAPPALA, CLOTILDA WNAC, Boston, Mass.

ZOHN, CHESTER WTAM, Cleveland, Ohio, Harbor Lights.

ZULALIAN, ROSE WESX, Salem, Mass, Transphonics.



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## ORCHESTRA LEADERS AND MUSICAL CONDUCTORS AND THEIR WORK DURING 1940





# 

#### --- A -

ALBERT, DON WHN, New Yor Everybody Dance, York, N. ALDRICH, EARL KWOC, Poplar Bluff, Mo.

KWOC, Pot Sacred Band.

ALEXANDER, MYER

Vocal Director, Musical Americana NBC, Columbia Workshop CBS, Texaco Star Theater snop CBS, Texaco Star Theater CBS, Shaefer Revue WEAF, ALLEN, BENNY WBTH, Wilhamson, W. Va. Allen's Cavaliers, ALLEN, LES CKOC, Hamilton, Ont.

ANDERSON, DON WFBL, Syracuse, N. Y. Mu-sical Clock.

ANDREWS, WILLIAM CKOC, Hamilton, Ont

CKOC, Hamilton, One ARD, WILBUR WFAA, Dallas, Texas, ARDEN, HAROLD KTHS, HOT Springs, Ark,

ARDUINI, VIC CFJC, Kamloops, B.

ARMBRI STER, ROBERT

NBC. The Chase and Sanborn Program

ARMSTRONG, BERNIE KDKA, Pittsburgh, Pa. Re-flections in Rhythm, Music in the Night. ARMSTRONG, ROBERT

WEBR, Buffalo, N. Y Time

Trio Time.

ARTHUR, WILFRED

CKNX, Wingham, Ont.

ASTON, BUZZ

WWSW, Pittsburgh, Pa. Mu-

sicale Miniatures.
AUSTIN, JUSTIN
WGPC, Albany, Ga.

#### -- B -

BAINBRIDGE, HAL WLOG, Logan, W. Va. Northern Stars

BALLOU, DICK WHN, New York,

N. Dancing in the Dark, Rhumba Rhythms

Rhythms,
BANKS, MARGARET
WBIG, Greenshoro, N. C.
WBIG Ensemble,
BARLOW, RALPH
WBAX, Wilkes-Barre, Pa.
BARNES, RUSS
WTSP, St. Petersburg,
Russ Barnes Swingtette,
BARON, PAUL
NBC, Luncheon at the Wal-

Luncheon at the Wal-NBC. dort.

BASON, HARRY WIRE, Indianapolis, Ind. Basomology.

BEARTZI, G. WMBS, Uniontown, Pa. Ital ian Hour.

BECHTEL, PERRY WSB, Atlanta, Ga. Staff Orchestra.

BELANGER, EDWIN
CBV, Quebee, Que,
BENTER, LIEUTENANT

BENTER, LIEUTENANT
CHARLES
NBC, U. S. Navy Band,
BERCOVITZ, ABE
KEX-KGW, Portland, Orc.
Faithful Stradivari,
BERGET, DICK
KGCX, Wolf Point, Mont, Dick
Berget and his Montana Physics Berget and his Montana Play-

BERNIE, BEN NBC. Ben Bernie's Musical

BIRRENBAUM, HARRY

WNLC, New London, Conn.
BLACK, FRANK (DR.)
NBC. Cities Service Concert.
NBC String Symphony.
BLAIR, LLOYD

KTAR, Phoenix, Ariz, Linger Awhile

AWING.
BLANCHARD, DONALD
WFHR, Wisconsin Rapids,
Wisc, Red and his Company.
BLACFUSS, WALTER
NBC, Breakfast Club, Nauonal Farm and Home Hour,

Viennese Ensemble.

BLOCH, RAY NBC-CBS, Joh BLUE, WARREN Johnny Presents.

KTOK, Oklahoma City, Okla. The Rhythmaires

RODYCOMBE, ANELRIN KDKA, Pittsburgh, Pa. Eve-ning Echoes, Treasure Trails

BONIME, JOSEF

NBC, Death Valley Days,
Echoes of New York

BRADLEY, OSCAR

CBS, Gulf Sereen Guild The-

ater

BRESCIAT, PIETRO WSM Nashville, Tenn. Mag-nolia Blossoms.

BRINCKLEY, CHARLIE

WMRO, Aurora, III.
BRISSETTE, DOL
WTAG, Worcesler, Mass. Radio Theater Matinee.

BROECKMAN, DAVID CBS, Texago Star Theatre, BRYSON, J. D. WCAT, Rapid City, S. D.

#### 

CAMPBELL, PAUL WSTV. Steub Musical Styles. Steubenville, Ohio. CAPRARO, JOE KTHS, Hot Springs, Ark.

CARTWRIGHT, TOMMY WFTM, St. Myers, Fla. Barn

Dance CASSELL, CHARLES

WJEJ, Hagerstown, Md. Cumberland Valley Chorus.

CHAMBERS, COYLE KMJ, Fresno, Calif. Tune Time Varieties Keith Bertken

Program, Invitation to Waltz, Program of Dr. Harry Morgan. CHARNINSKY, HYMAN

KRLD, Dallas, Texas, CHERNIAVSKY, JOSEF

WLW, Cmennati, O. and WOV, New York, N. Y. CHESTNEY, ROLLY KLZ, Denver, Colo. Lady Lend

Ear. 3411

CHIDDIX, FRANK KFRI, Wighita, Kans. Farmer on the Dial.

on the Dial.
CHRASTIL, STEVE
KGFW, Kearney, Nebr.
CHRISTENSEN, PAUL
KOMA, Oklaboma City, Okla.
Imperial Interlude.

Imperial Interbude,
CLARK, FREDDIE
KTHS, Hot Springs, Ark,
CLARK, JAMES B.
KFPY, Tacoma, Wash, Studio
Party, On Strings of Song,
Swingstrumentalists, Good
Morning Neighbors, Remem-

her When.
CLAWSON, JACK
KARM, Fresno, Calif. Notes for Milady, Early Risers Club,

El Rancho. CLOUTIER, NORMAN NBC. Song for Saturday. COATS, RALPH

WMRO, Aurora, III. Rhythm Rosue

COUTURE, FERNAND

CKCV, Quebec, Que. COX, LEWIS WAIM, Anderson, S. C. Jun-geleers Orchestra.

CRAIG, FRANCIS NBC-WSM. Nashvolle, Tenn. Pigskin Parade. Sunday enade

CROSBY, ROB NRC, Bob Crosby's Dixieland Music Shop.

#### - D -

BAHN, OTTO KGCU, Mandan, N. D. Silver Moon Orchestra.

DAMROSCH, WALTER (DR.) NBC, NBC Music Appreciation Hour.

NRC. Rememb Remember this Song.

Musical Soirce, Parade of the Years, Charles Dant's Music. PARCY, CAPTAIN THOMAS NBC, Army Band.

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# JAN SAVITT

#### ORCHESTRA LEADERS

DARISSE, GILBERT CBV, Quebec, Que.

DAVIS, ART KVOO, Tulsa, Okla. Art D vis and his Rhythm Riders. Art Da

DAVIS, BERNIE
WSTV. Steubenville,
Velvet Varieties.

DAVIS, BILL WBT, Charlotte, N. C. Brianhoopers.

BeVITO, DON WCAP, Asbury Park N. J DICKEY, TOM WOAI, San Antonio, Texas.

The Showboy

DIFRANCIS, PAUL WSTV, Steubenville, Ohio.

Romancers

DOLIN, MAX KIRO South, Wash, Thirty Munics of Music, DONNE, DON NEC, Manhattan Merry-Go-

Round. DORR, RAY KUJ, Walia Walla, Wash, Braden Bell, Serenaders, Lutcher's Requests.

DORSEY, TOMMY NBC. Tommy Dorsey and his Orchestra, Fame and Fortune.

DOWDEY, CHARLEY
WSUN, St. Petersburg, Fla.
Pranie Boys. DUKE, MAL KVCV, Redfing, Calif.

DUNSTEDTER, EDDIE CR5.

— E –

EBENER, FREDDY

WOW, Ontaka Nebr. EDWARDS, LYNN WNAX, Yankton S. D. Rodeo

EMERY, AL

SJOU, Lethbridge Alberta, Melodic Dreams,

ENNIS, SKINNAY NBC. The Pepsodent Show.

WBAB, Atlantic City, N. J.
ETTERS, CLARENCE
WBT Charlotte, N. C.

\_ F -

FAITH, PERCY Carnation Contented Program

FARMER, BILL WCOS Columbia, S. C. Lookout Club.

FATS, HAPPY KVOL, Lafayette, La. Rayne-Bo Rambles, FITZPATRICK, FRANK

WESK, Salem. Mass. Dirmer Music

TRASETTO, JOE WIP, Plalade phia, Pa. Vari-cy Time FRAZIER, BERT KWLK, Longyjew

FUHRMAN, CLARENCE K.Y.W., Philadeiphia, Rhythmanes Symphonic MelFULLER, JERRY

CFAC, Calgary Alberta, Good Morning Neighbor,

. G . GALLICCHIO, JOSEPH

NBC, Joseph Galliechio and his Orchestra, Breakfast Club. GENTHON, DEL

Winnipore. CJRC, Winn Grain Belters

GERSHMAN, PAUL WTAM, Cleveland, Ohio, Day-time Classics,

GILL, ERNEST San KGO KPO, Francisco. Calif.

GILLIGAN, EDDIE WHAX, Wilke-Barre, Pa. Sa-ered Concert.

GLENN, FRANK NBC, Musical Tet GOODE, BROTHERS WGPC, Abony G Tete-astete.

WGPC, A.bany GOODMAN, AL Ga.

Texaco Star Theater. CES. GOODMAN, BENNY

NBC, Benny Goodman Show. GOODMAN, SKIPPER

WSTP, Salisbury, N. C. Skip-per and his Merrymakers. GORDON, GRAY

GORDON, HAPPY KGO KPO. Sar France

Franc.-co. Ca if. Chiek Wagon Days. GORDON, LEE. NBC WTAM, Cleveland, Ohio, Gordonaires, Do You Remem-

bur!



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GRAINE, ORTON CKNX, Wingham, Ont. Gulley-Jumpers.

GRANT, LEE

WMCA, New York, N. Y. Sally's Movieland Revue, For

Dancers Only.
GREEN, ZACK
WFTC, Kinston, N. C. Zack
Green's Rhythm Swingo.

GROSS, CLIF WINN, Louisville, Ky, Bar Nuthin Ranch.

GROSS, WALTER CBS. Time Out for Dancing. Music in the Air, Accent on Music.

GROSSO, PAOLO
KTHS, Hot Springs, Ark,

GUIDRY, NASON RVOL, Lafayette, La. and his Sons of Acadians.

#### \_ H \_

HAENSCHEN, GUSTAVE Saturday Night Serenade CBS, American Album of Familiar

Music NBC. HALL, ROY WDJB, Roanoke, Va. For Men

Jubileers,

Only

HARRIS, PHIL

NBC. The Jello Program.

HART, JIMMIE KPAC, Port Arthur, Texas.

HATCH, WILBUR KNX, Los Angeles, Calif. Calling All Cars, Hollywood Show-case, I Was There.

HECTOR, CHARLES WEEI, Boston, Mass. HEIDT, HORACE

Pot O' Gold, Horace

Heidt's Treasure Chest, HERMAN, WOODY NBC-CBS-MBS, Sustainers.

HODEK, FRANK NBC.

Staff Orchestra, HOFF, CARL

CBS Al Pearce and His Gang. HOLDER, BRUCE CHSJ. St. John, N. B. Music You Like to Hear.

HORLICH, HARRY

Romance and You. HOWARD, "PAPPY"
WNBC, New Britain-Hartford,

WNBC, New Britain-Hartford, Conn. New England Hillbillies. HUGGINS, HARLEY

KTUL, Tulsa, Okla. Alabama Boys. - I **-**

IULA, RUFINO

WBAL, Baltimore, Md. noon Show. Around the Din-ner Table, Time for Romance.

- J -

JACOBSON, ANDY WAAB-WNAC, Boston, Mass. Demantized News, Sunshine Dramatized Ne Rhythms, News Reporter.

JACOBY, ELLIOTT

NBC. The Parker Family,
JAMES, GENE

KMPC, Beverly Hills, Cahf.

RAPC, Beverly Hills, Canf.,
Policewoman Christic.
JARRETT, ART
KWKH, Shreveport, La.
JENKINS, GORDON
NBC. The Signal Carnival,
Little Ol' Hollywood.
JOHNSON, FREDDIE
WRAL, Raleigh, N. C.
die Johnson Entertains

die Johnson Entertains, JOHNSON, KEN CFAC, Calgary, Alberta, Old Time Barn Dance,

JOHNSON, LEE KTSW, Emporia, Kans. JOHNSON, OSCAR WDAY, Fargo, N. D. Dinner

Bell Time.

JOHNSTON, DIPPY

WDZ, Tuscola, Ill. Screw Ball Club, Swing Dings.

#### - K -

KAIN, PAUL WJSV, Washington, D. C. Take

was, washington, h. b. Lagor Up Time, This is It, Report to the Nation, Story Swap, KARLS, BILL KGCU, Mandan, N. D. Royal Kings Orchestra.

KAY, ENN WJW, Akron, Ohio. KAYE, OWEN WMRO, Aurora, 111.

.......

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1940

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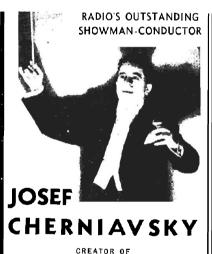
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KELNECK, HENRY CKGB, Timmins, Ont. Melody Crui-e

Cruise,
KING, WAYNE
GBS, WAYNE KING's Orchestra,
KNICK, WALTER
WBNS, Columbus, Ohio, Bul-letin Board,
KOGEN, HARRY
NBC, Harry Kosen and his
Orchestra

Orchestra.

KONTOS, SAM KFYR, Bismarck, N. D.

KOSTELANETZ, ANDRE CBS. Pause that Refreshes. On the Air. KOTTLER, MISCHA

WWJ, Detroit, Mich. KOVACH, FRANK

WHIP, Hammond, Ind. Hungarian Fantasies.

KREBS, LARRY WISN, Milwankee, Wise, Club Continental, Down by Hermans, Styles in Rhythm.

KRUG, PIIII. WIOD Mianti. Fla. Circle of Friends

KYSER, KAY NBC, Kay Kyser's College of Musical Knowledge. KYTE, BENNY WXYZ, Detroit, Mich. Fvc-

ning Screnade.

#### -- L -

LAMBERT, MURRAY WRR, Dallas, Texas, High Road to Melody, Noon Hour Varieties.

LAMBERTZ. KARL WFAA. Dallas. LAMOREAUX, DIKE

WLAV. Grand Rapids. Mich. We Play em You Guess em. LANDIS, EARL WSB. Atlanta, Ga. Staff Or-

chestra.

LANGE, HENRY WHIO, Dayton, Ohio. Musical Memories in a Modern Manner.

LAVAL, PAUL NBC. Rasin Chamber Music Society, Melody in the Night, LAWSON, HANK WTIC, Hartford, Conn. Hank

Lawson and his Knights of the Road.

LEVINE, HENRY

NBC. Basin Street Chumber

Music Society. LEVINSON, LOU

WLOG, Logan, W. Va. WLOG Rhythmaires. LEWIS, JOHN A.

WSM, Nashville, Tenn. (Choral), Fireside Hour. LIGHTSY, STEVE KNOW, Austin, Texas.

LOMBARDO, GUY CBS. Guy Lombardo and his Orchestra.

LOPEZ, VINCENT MBS. Show of Week.

LUCAS, LONNIE WSAZ, Huntington, W. Va.

LUNCEFORD, JIMMIE NBC. Sustainers.

LYMAN, ABE NBC, Waltz Time,

#### — M —

McCULLOUGH, GEORGE KFJZ. Fort Worth, Texa Eleven Thirty Incorporated. Texas.

McDONALD, REX WSUN, St. Petersburg, Fla. Dixians.

MeGUIRE, JUNIOR WBAX, Wilkes-Barre,

WBAX, Wilkes-Barre, Pa. Know Wyoming Valley, MACK, NICK WJW, Akron, Ohio, Modern Strings.

MADDEN, WILLIAM WBAB, Atlantic City, N. J.

MANN, ROSS CKNX, Wingham, Ont. Melody Mixers.

MANNERS, ZEKE WNEW, New York, N. Y.

MARCKS, LUDWIG WCAP, Asbury Park, N. J. Mareks Troubadours.

MARKHAM, BARNEY KGCU, Mandan, N. D. Wally Kitt Orchestra.



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MARTIN, DUDE

KYA. San Francisco, Calif. Sunrise Roundup.
MARTIN, PAUL

NBC. Paul Martin and his M 11-10

MARTIN, ZEKE
WNAX, Yankton, S. D. Sunday-Get-Together, Pick and and Push.

MAUTHE, CHICK

WKRC, Cincinnati, Ohio, Mys-Tunes.

MELTON, JACK
WBAX, Wilkes-Barre, Pa.
MENDEZ, GENE WKBH, La Cros WKBH Farm Hour. Crosse. Wise.

WKBH Farm Hour.
MERTZ, HERBERT
WMBC, Detroit, Mich. Shades of Melody

of Melody,
MULLER, BUD
CFJC, Kamboops, B. C. Bud
Milber's Old Timers,
MULLER, GLENN
CBS, Glenn Miller and his

Orchestra.

Orchestra.
MILLER, IRVING
NBC, The Band Goes to Town.
Streamline Journal, Meet the
Artist, NBC Dance Orchestra,
Easy Does It, Fun with the Revuers.

MILLER, JACK

Kate Smith Hour CBS, The Aldrich Family NBC.

MILLER, VICTOR
WSYR, Syracuse, N. Y. Console and Keys.

MHLLS, BILLY

NBC. Fibber McGee and Molly.

NBC. The Gilmore Hollywood Playhouse. Gilmore Circus,

MITCHELL, RALPH
WNAX, Yankion, S. D. Hired
Hands, Sunday Get-Together,
MURRAY, LYN

Columbia CBS Workshop, Campbell Playhouse, Hit Par

-- N -

NEAL, PAUL WBNS, Columbus, Ohio, Bulletin Board.

NEWMAN, ROY

WRR. Dallas, Texas. Noon Hour Varieties.

NEWTON, JOHNNY WHAI. Greenfield, Mass. NICHOLSON, FABE

WAAT, Jersey City, N. J.
NOBLE, RAY
NBC, Alor Templeton Time,
NORRIS, ROBBY
WAAB-WNAC, Boston, Mass.

Tone Tapestries, Singing Strings

NYDEGGER, VERNE KFBI, Wichita, Kans, kcl's Morning Reveille.

O'NEILL, JOE KVOO, Tulsa, Okla, Clambake, Music Never Ends.

ORMAY, GYULA NBC. Good Morning Tonite.

\_\_\_ P .

PAIGE, RAYMOND NBC. Musical Americana.

PALMER, JOEL WFAS, White Plains, N. Y. The Palmer Method of Melody.

PARANOV, MOSHE

WTIC, Hartford, Conn. Melodie Strings.

PARRINO, TED

WRR. Dallas, Texas. Dixieland Band of 1940.

PELLETIER, VINCENT

NBC. Carnation Contented Program, A Heap o' Lavin'.

PELLETIER. WILFRED NBC. Metropolitan Opera Au-

ditions of the Air.

PERSSION, LEON WIBA, Madison, Wise, Con-

cert Ensemble.

PHELPS, NORMAN WTAR-WGH, Norfolk- New-bort News, Va. Virginia

Rounders.
PGWELL, TEDDY
NBC. Sustamer.

\_\_ R \_

RAKOV

Hin.

WBZ-WBZA, Boston-Spring field, Mass. Morning Toust. Boston-Spring-



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Composer-Conductor

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NBC MUSICAL DIRECTOR HOLLYWOOD

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RAND, ELLS WNLC, New London, Conn. Elis Rand and his Sisters.

RANDALL, GORDIE

WGY, Schenectady, N. Y.

RAPEE, ERNO NBC, Radio City Music Hall of the Air.

REULEAUX, WALTER WFBM, Indianapolis, Ind.

RICE, EDWARD A. WGY, Schenectady, N. Y.

ROBBERTS, PEE WEE

KTHS, Hot Springs, Ark, Sky-

ROBINSON, BOB KROC. Rochester, Minn. Go-pher Swingtette.

ROSS, ORVIS KROC. Rochester, Minn. Rochester Civic Orchestra Pro-

NBC. The S The Schwefer Revue.

RUEHRDANZ, AL. WSUN, St. Petersburg, Fla.

RUVINSKY, ABRAHAM
WHKC, Columbus, Ohio, Music of the Masters, Waltz Time.

#### -s

SALERNO, TONY

WIBA, Madison, Wise. Tony Salerno's Orchestra. The Me'ody Man.

SALTER, HARRY NBC. The Song of Your Life.

SAMPIETRO, JOSEPH

KALE, Portland, Ore, E chanted Slumber, Shadows.

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KOMA, Oklahoma City, Okla, The Hi-Flyers.

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WSTP, Salisbury, N. C. The Trailriders.

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SHIELD, ROY

NBC, Roy Shield Revue.

SILVERBERG, BEN

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NBC. The Hour of Charm.

STANLEY, BOB

MI'S, Contact, Tropical Screnade

STEVENS, LEITH CBS. Big Town.

STEWART ,LINK KHSL. Chico, Calif. Texas Cowboys

STOKES, LEONARD NBC. The Telephone Hour.

STRATTON, BOB

WDNC, Durbam, N. C. Morning Meladies

STREATER, TED CBS. Kate Smith Hour.

STRONG, BOB

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The Gospel String Orchestra.
THEDE, ALEXANDER
WMEX. Boston. Mass,
THOMPSON, HARRY

CBO. Ottawa, Ont.
TIMM. EVERETT
KSCJ. Sioux City, In.
Sioux Cityans. The

TOSCANINI, ARTURO NBC. NBC Symphony Orchestra.

TOWNE, JACK
WFAS, White Plans, N. Y.
Daneing at the Bathelub.
TRETMARC, PAUL

KEVR, Scattle, Wash. Island

TROBBE, CY KFRC, San Francisco, Calif. Standard School Pro Breakfast Club, TROTTER, JOHN SCOTT School Programs.

NBC. Kraft Music Hall. TRUXELL, EARL

WCAE, Pittsburgh, Pa. The Airliners Orchestra. TUCKER, ORRIN

CBS. Hit Parade - V VARIN, BERT CKCH, Hull, Que. VARNEY, JOHN
WCAO, Baltimore, Md. Jo
Varney's Modern Quintet. John

VARNEY, MOSE
WBTH, Williamson, W. Va.
Mose's Merry Music Makers.
VIGELAND, HANS

WBRK, Pittsfield, Mass. WBRK String Choir.

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VAN STEEDEN, PETER
NBC, Mr. District Acco

NBC. Mr. District Attorney. VOORHEES, DON NBC. Cavalcade of The Telephone Hour. Cavalcade of America,

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CBS, Your Hit Parade, Helen
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WEEMS, TED
NBC, Beat the Band,
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WSUN, St. Petersburg, Fla. Southerners

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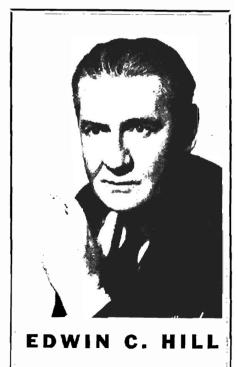
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KVI, Theoma, Wash,
HILL, EDWIN C.
CRS. The Human Side of The Human Side of the News HILL, ZACK WLBJ, Bowling Green, Ky, HINN, BILL WMRC Greenville, S. C. BIRSCH, DON KDKA Pittsburgh, Pa. HOBGOOD, BOB RLUF, Galveston Texas. HODGE, TED WNLC, New London, Conn. HOGAN, CLAUDINE KRIJI, Midbord, Texas. HOLBROOK, JACK WGTC, Greenville, N. C. HOLDER, HIGH WGRB Golesboro, N. C. HOLLAND. LEONARD KPAC Port Arthur, Texas. HOLMGREN, ROD WOL, Ames. Iowa. HOPE, BOB WSFA: Montgomery, Va. HOPKINS, JOHN KEJZ Fort Worth, Texas. HOPKINS, JOHN
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WBNY, Buffelo, N. Y.
IOVINO, CHARLES R.
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IZZARD, WES
KGNC, Amarillo, Texas. - **J** -JACKSON, BUD KVOO, Tulsa, Okia, JACKSON, FRANK KGFF, Shawnee, Okla, JACOBS, M. H. KPRC, Herston Teyrs, JAY, HARRY WLOK, Lama Ohm JENNINGS, M. WTW, Ocola, Fia, JOHNSON, LEONARD KFDA, Amerillo Texis, JOHNSON, MARTIN WFRM, Indiamanolis, JOHNSON, MARTIS
WFBM, Indiamapolis, Ind.
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WIOD, Miami, Fla. Behind
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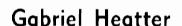
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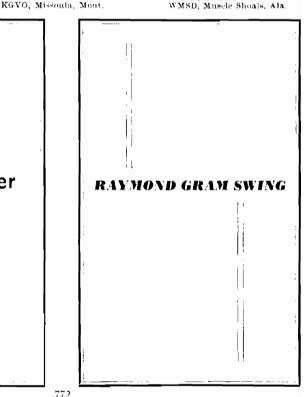
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WHIZ, Zanesville, Ohio.
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CKTB, St Catherines, Ont.,
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KDRO, Sedalia, Mo.
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KSTP, St. Paul-Minneapolis
Minn.
MURPHY, FLORENCE
WCCO, Minneapolis-St. Paul,
Minn. All News And No Com

ment.

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KOME, Tulsa, Okia.
NEFF, ERNIE
RQV, Pittsburgh, Pa.
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Rico.
NICKELL, JOE
WIBW, Topeka, Kans.
NIDAS, DAN
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WMAS, Springfield Mass

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O'CONNOR, ROD

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WMCA New York, N. Y.
O'NEIL, JIM
KQW, San Jose, Calif.
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PALMER, BYRON
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PALMER, HUGH
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PENN, DAYID
WCOL, Columbus, Ohio.
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WORL, Boston, Mass.
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PAULSON, ROBERT

— R —

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CKCR, Kitchener, Ont., Cam.
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KGKO-WBAP, Fort Worth.
Texas.
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WHUB, Cookeville, Tenn.
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WCKY, Cincinnati, Olio.
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KMPC, Beverly Hills, Calif,
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ROBINSON, WIP
WDZ. Tuscola, Ill.
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WSUN, St. Petersburg, Fla.

WIS, Columbia, S. C. RODRIGUEZ, JOSE KFI, Los Angeles, Calif. Inside The News.

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— T —

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WOR WHN, New York, N. Y.
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- V -

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- W -

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WRRH, Rod Back, N. J.

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WDOD, Chattanooga, Tenn.
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CALDWELL, FRED CARPENTER, JOHNNY KTBC. Austin, Texas. CALDWELL, JAY WKPT, Kingsport, Tenn. CALDWELL, JOE CLARK WRDW, Augusta, Ga. CALL, ELLIS KTFI, Twin Falls, Idaho. CALLAGUAN, JACK WKAR, Bast Lansing, Mich. CALLAHAN, PETE WGTM, Wilson, N. C. CALLAHAN, WM. P. WTMC, Ocala, Fla. CALLAWAY, EDWIN KTEM, Temple, Texas, CALLEN, DON WFDF, Flint, Mich. CALLEY, GENE KOB, Albuquerque, N. M. CALLISON, GEORGE WXYZ, betrott, Mich. CALLOWAY, JOE WSIX, Nashville, Tet CAMARGO, RALPH KALE, Portland, Ore. CAMERON, EARL CHAB, Moose Jaw, Sask., Can. CAMERON, PHIL WSJS, Winston-Salem, N. C. CAMP, DEL WTAG, Worcester, Mass. CAMPBELL, BOB WCCO, Minneapolis, Minn. WCCO, Minneapolis, Millic CAMPBELL, DICK KGGF, Coffeyville, Kans. CAMPBELL, ELDON WGL-WOWO, Ft. Wayne, CAMPBELL, GERALD WMRO, Aurora, Ill. CAMPBELL, JAMES Wayne, Ind WMAQ-WENR. Chicago, III. CAMPBELL, TED WMCA, New York N. Y. Breidt's Show, Times Savings Bank CAMPBELL, VICTOR CAMPBELL, VICTOR
WGY, Schenectady, N. Y.
CANNON, JOHN
WHR-WCLE, Cleveland, Ohio.
CANTER, RUSSELL
WBNS, Columbus, Ohio.
CAPELLINI, EDGAR
KALB, Alexandria, La.
CAPPS, JIMME
WSJS, Winston-Salem, N. C.
CARD, CLEILAY. WSJS, Winston-Salem, N.
CARD, CLELLAN
WCCO, Minneapolis, Minn.
CARDENAS, SALVADOR
KRGV, Weslaen, Texas.
CAREV, BILL
WRUF, Gamesville, Fla.
CAREV, DICK
KMPC, Beverly Hills, Calif.
CAREV, STANLEY
WGNY, Newburgh, N. Y.
CARLO, MICHAEL
WIPN, Utica, N. Y.
CARLSON, HARRY
WOR, Newalk, N. J. WOR, Newark, N. J. WOR, Newark, N. J.
CARLSON, JIM
KEXD, Nampa, Ida.
CARLTON, ROBERT
WMRO, Aurora, Jil.
CARLYLE, HUGH
WRNL, Richmond, Va.
CARMAN, JOHNNY
KASA, Elk City, Okla. CARMICHAEL, LES KRMD, Shreveport, La. CARNAGHAN, CAPT. JOHN E. WFMD, Frederick, Md. CARPENTER, DAVID W('MI, Ashland, Ky.

KALE, Portland, Ore. CARPENTER, KEN NBC. The Gilmore Gilmore Circus, Kraft Music Hall, One Man's Family, The Passing Parade, Norman Sper. CARPENTER, W. CARR, Winnipeg, Man., Can. CARR, THOMAS WESX, Salem, Mass. CARR, WESS KCMO, Kansas City, Mo. CARROLL, JAMES KWYO, Sheridan, Wyo. CARROLL, JIM WCSC, Charleston, S. C. CARTER, BOB WMCA, New York, N. Y. CARTER, DICK KOME, Tulsa, Okla, CARTER, ED KUJ, Walla, Wash, KCJ. Walia Waria. Waria. CARTER, ROBERT WHK-WCLE, Cleveland. Ohio. CARTY, WILLIAM WIP, Pinladelphia, Pa. CARUSO. CARMEN Dector Spring. WBZ-WBZA, Boston Spring-WIZ-W BOAN, BOSTON SPI field, Mass, CARY, HARVEY KOIL, Omaha, Nebr. CASE, KENTON KGMB, Honolulu, Hawaii. CASE, NELSON NBC, Captain Tim Healy. Manhattan at Midnight, Lone Mannatton at Addingth, Both Journey. CASEY, THOMAS WENR-WMAQ, Chicago, Ill. CASPER, TEE KGKO-WBAP, Fl. Worth, Tex. CASSEL THOMAS WJEJ, Hagerstown, Md. CATE, LEWIS
WENY, Elmira, N. Y.
CATON, EARL
WSTP, Salisbury, N. C. CHAMBERS, GARDNER WFMJ, Youngstown, Ohio. CHAMBERS, M. CHAMBERS, M. WDAN, Danylle, III.
CHAMPLIN, WARREN
KNOK, St. Louis, Mo.
CHANCE, GEORGE
KFJM, Gennd Forks, N. D. KFJM, Gennd Forks, N. D.
CHAPEAU, TED
WJHP, Jacksonville, Fla.
CHAPEL, JOHN
KROW, Oakhand, Calif.
CHAPMAN, DAVE
RWFT, Wiehtta Falls, Texas.
CHAPMAN, R. Victoria B. C., Can. CECT. Victoria B. U., Cao. (HAPMAN, REED CKWX, Vancouver, B. C., Can. CHAPPELL, ERNEST Campbell's Condensed NRC. News CHARLES, BOB WPAR, Parkersburg, W. Va. CHARLES, HENRY KFWB, Los Angeles, Calif. CHARLES, LEWIS WHN, New York, N. Y. CHASE, BOB WIL, St. Louis, Mo. CHASE, EDWARD WOOD-WASH, Grand Rapids, Mich. CHASE, TOM
WOW, Omaha, Nebr.
(HASTAIN, TONY KRIC. Beaumont, Texas.

CHATTERTON, LARRY KNN, Los Angeles, Calif. CHESNEY, JOEL WPPG, Atlantic City, N. J. CHICK, BRUCE
CKLW, Windsor, Ont., Can.
CHILDS, LELAND
WERC, Birmingham, Ala.
CHILDS, NORMAN
WHYI Hamilton, Out. Co. WHML, Hamilton, Ont., Can. WHML, Hamilton, Ont., CHILDS, RALPH
KMA, Shemandoah, Iowa, CHOWN, DONN
WJR, Detroit, Mich,
CHRISTENSEN, ALTON
WCAL, Northfield, Minn,
CHRISTIAN, RALPH
WBRC, Ruemingtham, Ala WBRC, Birmingham, Ala CHRISTY, AL KCKN, Kansas City, Kans. CHRASDALE, JOE Hamilton. Out., Can. CHI MLEY, CHARLES
WLAC, Nashville, Tenn.
CHURCHILL, NELSON
WAAB WNAC, Roston, M WAAB WNAC, Roston, Mass. CIECUCII, LEON WHOM, Jersey City, N. J. CIEPLINSKI, W.
WHOM, Jersey City, N. J.
CLADDEN, WILLIAM WCAR, Pontiae, Mich. CLANCY, RUSSELL WHN, New York, N. Y. CLARK, CARL Green WTAQ, Bay, Wisc CLARK, CHESTER WCAE, Pittsburg Pittsburgh, Pa. CLARK, DAVID

KUOA, Siloam Springs, Ark.

CLARK, ELMER A. KABR, Aberdeen, S. D. CLARK, HAROLD WEAN, Providence, R. L. CLARK, HOWARD CKSO, Sudbury, Ontario, Can. CLARK, IAN , Kamloops, B. C., Can. CERC CLARK, J. B. WRAL, Raleigh, N. C. CLARK, JAMES WWJ, Detroit, Mich. CLARK, JAMES "Red" WHIS, Bluefield, W. Va. CLARK, PAUL WOC, Davenport, Iowa. WOW, Omaha, Nebr CLARKE, JACK KMO, Tacoma, Wash, CLARKE, JOHN WRBL, Columbus, Ga. CLARKE, MIKE WGST, Atlanta, Ga. CLAYTON, BOB WJIM, Lansing, Mich. CLAYTON, TOM WLLH, Lowell, Mass. CLEAVER, JAMES WFDF, Fimt, Mich. CLEGHORN, JOHN WMC, Memphis, Tenn.
CLINE, CALDWELL
WIS, Columbia, S. C.
CLINE, P. W.
WMRN, Marion, Ohio. Tenn. CLOS, JEAN IL. WNBZ, Saranae Lake, N. V. CLOUGH, L. D. KLUF, Galveston, Texas.

CLOUGH, MERVIN KFYR, Bismark, N. D. CLOVER, BOB KTKC, Visalia, Calif. CLOWES, ED KPPC, Pasadena, Calif. KPPC, Pass COBB, DAVID Nashville, Tenn. WSM. COBB, RICHARD WAAB-WNA( Buston, Mass WAAB-WNAC, Bostot, Mas (OCHRAN, PAUL KFBI, Wichita, Kans, COCHRANE, ROBERT WWSW, Pittsburgh, Pa. (OLRERT, JOHN KFWB, Los Augeles, Calif. COLE, FRED R. WBZ-WBZA. Boston-Springneld, Mass. DLE, LOU held, anase,
COLE, LOU
WWRL, Woodside, N. Y.
COLEMAN, WARD
WSFA, Montgomery, Ala.
COLLINS, AL
WKPA, New Kensington, Pa.
COLLINS, JUD
WSM, Nashville, Tenn.
COLLYER, CLAYTON COLLYER, CLAYTON NBC, The Man I Married, The Schaefer Revue, Cavalende of America. COLMANS, EDWARD KVOA, Tueson, Arizona COLON, ROYCE KRLD, Dallas, Texas WDEV, Waterbury, Vt. COLVIG. ROBERT KALE, Portland. Ore.

# JOHN CONTE

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EXCLUSIVE MANAGEMENT
WILLIAM MORRIS AGENCY, INC.

COMAS, JOHN WMFF, Plattsburg, N. Y. COMPTON, WALTER COMPTON. WALTER
WOL. Washington, D. C.
COMTE. GEORGE
WTMJ. Milwaukee, Wisc.
CONEY. LAWRENCE
WSPR. Springfield, Mass.
CONNELLY, DCD
WWRL. Woodside, N. Y. CONNELLY, JOHN WMBD, Peoria, II CONNOLLY, JAMES CONNOLLY, JAMES
WMSD, Muscle Shoals, Ala.
CONNOLLY, JOSEPH A.
WARD, Brooklyn, N. Y.
CONNOR, NAPH
WMIN, St. Paul, Minn.
CONOVER, HUGH
WJSV, Washington, D. C.
CONTE, JOHN
NBC, Maxwell House
CONTOLE, EDWARD
WOCB, Cape Cod Mass.
CONWAY, CLEVE
WMAQ, WENR, Chicago, III
CONWAY, JIMMY
WISN, Milwaukee, Wise.
COOK, GEORGE COOK, GEORGE WDAN, Danville, 111. COOK, HAROLD WTRC, Elkhart, Ind.
COOK, INNN
KVGB, Great Bend, Kans.
COOK, MILTON
KARM, Fresno, Calif. COOK, WILLIAM WBNS. Columbus, Ohio.
COOKE, FOREST
WHIFF, Rock Island, Ill.
COOKE, HENRY
WMAQ-WENR, Chicago, Ill. WMAQ-WENR, Chicago, III.
COOPER, CHARLES
KSAN, San Francisco, Calif.
CORLEY, STAN
KBIZ. Ottumwa, Ia.
CORLEY, STAN
WIND, Gary, Ind.
CORNELL, JERRY
WHBC, Canton, Ohio.
CORR, WILLIAM
WCAM, Camden, N. J.
CORRIS, ALLYN
WIS, Columbia, S. C.
CORSON, BARNEY
WNAX, Yankton, S. D.
CORY, GEORGE CORY, GEORGE KWYO, Sheridan, Wyo. COSGROYE, JACK WJMS, Ironwood, Mich COSTELLO, JACK NBC Fitch Bandwagon, Gulden Screnaders. COSTLEY, JAN WSYR, Syracuse, N. V. COTE, JACQUES E. CBV, Quebec, Que., Can. COUNTS, HASKELL KUOA, Siloam Springs, Ark. COURTNEY, ALAN
WMCA, New York N Y
WOV, New York. COUTURE, CHARLES CKCV, Quebec, Que. COVELL, WALTER WKIP, Poughkeepsie, N. Y. COVINGTON, TED WRUF, Gainesville, Fla. COWAN, STEVE

KADA, Ada, Okla. COX, JACK WMGA, Moultrie, Ga

COX, JAMES, WMAN, Marinette, Wisc. COX, V.

KTFI, Twin Falls, Ida.

CRABBE, WILLIAM

KMTR, Hollywood, Calif. CRABTREE, CHARLES KTFI, Twin Falls, Ida.
CRAFT, A. B.
KVOL, Lafayette, La
CRAGO, WILLIAM
WMAL-WRC. Washington, D. C. CRAIG, JULIAN KATE, Albert Lea, Minn. CRAIG, KEN KSFO, San Francisco, Calif. CRAM, JOHN WHMA, Anniston, Ala. CRANE, DICK
WJHL, Johnson City, Tenn.
CRANE, VIRGINIA WEBQ, Harrisburg, III.
CRANS, RICHARD
WGNY, Newburth, N. Y.
CRANY, CLARENCE
KGER, Long Beach, Calif.
CRAWFORD, ELGENE WEBQ, Harrisburg, III. CRAWFORD, GEORGE WAIM, Anderson, S. C.
CREAMER, GEORGE L.
WLAW, Lawrence, Mass.
CREASMAN, JIMMY
KTAR, Phoenix, Ariz. CREE, JAMES WMBG, Richmond, Va. CREIGHTON, HARRY WAAF, Chicago, III. CREMEENS, GEORGE WISN, Milwaukee, Wise. CRESAP, PAUL WCBI, Columbus, Miss. CROCKER, JIM KRLD, Dallas, Texas. KRLD, Dahlas, Texas. CROCKETT, DAVID KPLT, Paris, Texas. CROMBIE, RICHARD KOMO-RJR, Seattle, Wash CROMWELL, GEORGE CHSJ, Saint John, N. B., CHSJ. Saint John, N. J. Chadd.
CRONAN, CAREY WELL, New Haven, Conn.
CROPLEY, JOHN
WLVA, Lynchburg, Va.
CROSBY, LEW
KNX, Los Angeles, Cal
Those We Love.
CROSS WILTON J. Angeles, Calif. CROSS, MILTON J.

NBC. Coast to Coast On a
Bus, Information Please, Metropolitan Opera Auditions, Metropoliton Opera Saturday Matinees, Musical Americana, Ellen Randolph. Ellen Randolph.
CROWELL, GEORGE
WCOP, Boston, Mass.
CRUICKSHANK, BUD
CKNX, Wingham, Out., Can.
CKUICKSHANK, JOHN
CKNX, Wingham, Out., Can. CRUICKSHANK, NORMAN CJOC. Lethbridge. Alberta. Can. CUBBERLY, DAN KOY, Phoentx. KOY, Phoentx, Artz.
CUELLAR, RENJAMIN
KRGV, Weslaco, Texas.
CULLEN, ED
WBEN, Buffalo, N. Y.
CULLEN, WILLIAM
WWSW, Pittsburgh, Pa.
CULVER, CAL
WEMP, Milwaukee, Wisc.

CUMMINGS, GORDON CEGP, Grande Prairie, Alb., Can. Can.
CU MMINS, RAY
KUOA, Siloam Sprines, Ark.
CUNNINGHAM, BILL
KWLK, Longview, Wash,
CUNNINGHAM, HOMER
WIBW, Topeka, Kans,
CUNNINGHAM, OWEN KGMB, Honolulu, Hawati. CINNINGHAM, P. II. CUNINGHAM, P. H.
KWOC, Poplar Bluff, Mo.
CURD, LARRY
KWLK Longview, Wash.
CURLY, LENN
KYA. San Francisco, Calif.
CURREN, JACK
WFBL, Syracuse, N. Y.
CURTIS, CHARLES
KYED, Fort Dealer, Laws. KVFD, Fort Dodre, Iowa.
CURTIS, E. H.
WIBW, Top-ka. Kons.
CURTIS, WILLIAM
WLOL, Minneapolis St. Paul. Minn. CURTO, KENNETH M. WPRO, Providence, R R. I CUTHBERTSON, RUPUS WHKY, Hickory, N. C. CUTTING, GEORGE KROC, Rochester, Minn.

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WBTM, Danville, Va.

DANIN, RUSSELL
CFCF, Montreal, Que., Can.
DALE, HAROLD
WGTC, Greenville, N. C.
DALLEY, FENTON
KSUB, Cedar City, Utah.
DALY, JOHN CHARLES
WJSV, Washington, D. C.
DAILY, S.
CBO, Otrawa, Ont., Car
DANA, JOE
KOY, Phoenix, Ariz,
DANE, MARSHALL
WOR, Newark, N. J.
DANIEL, ALFRED
KPRC, Honston, Tevas
DANIEL, CLAY B.
WDNC, Durham, N. C.
DANIELS, FRANK
WYPW, Brooklyn, N. V.
DAKLING, FRED
CKGE, Tummins, Ont., Can.
DAIR, JACK DAUB, JACK WAPO, Chattanooga, Tenn.

WAPO, Chattanooga, Tenn.
DATGHERTY, JACK
KGKL, San Angelo, Texas,
DAVIDSON, BOB
WHUB, Cookeville Tenn.
DAVIDSON, HERB
KSML, Salem, Orc.
DAVIDSON, W.
CKY, Winnipeg, Man., Can.
DAVIES, BILL
WBLJ, Dalton, Ga.
DAVIES, GEORGE
CKCK, Regina, Sask., Can.
DAVIES, JACK
ROVO, Provo, Utah.
DAVIES, WCBA-WSAN, Allentown, Pa.
DAVIES, BOB

DAVIS, BOB WELL, Battle Creek, Mich.

DAVIS, CHARLES KCKN, Kansas ( Kansas City, Kans. DAVIS, GEOFF CBR, Vancouver, B. C., Can. DAVIS, HAROLD WDAS, Philadelphia, Pa. DAVIS, HELEN WTMC, Ocala, Fla. DAVIS, JOHN DAVIS, 30HN
WWSW, Pittsburgh, Pa.
DAVIS, LEE
WCBM, Baltimore, Md.
DAVIS, STANLEY
WJOB, Hammond, Ind.
DAVIS, WILLARD KRKD. Los Angeles, Calif. DAVY, K. CKBI, Prince Albert, Sask, DAWSON, DON CKCK, Regina, Sask., Can. DAWSON, ED KROY, Sacramento, Calif. DAWSON, JACK CFRB, Toronto, Ont., Can. DAY, JA WSJS, JACK S. Winsion-Salem, N. C. WSJS, Winstonson, DAY, RICHARD WDGY, Minncapolis, Minn. DAYTON, HERMAN WKIP, Poughkeepsic, N. Y. DEAL, JACK WHCU, Ith WHCU, Ithaca, N. A.

DEAL, JAKE
WDEV, Waterbury, Vt.
DEAN, BILL
WDAY, Farzo, N. D.
DEAN, F. LEON
KASA, Elk City, Okla. Ithaea, N. Y.

DEAN, GEORGE

KOMO-KJR, Seattle, Wash.

DEAN, STEWART KOMA. Oklahoma City. Okla. de B. HOLLY CHSJ. St. John. N. B., Can. DECKER, RANDALL WTMV, East St. Louis, Ill. DEEM, WARREN WKBH, La Crosse, Wise. Defries, Fritz WHLS. Port Huron, Mich. DeFRIETAS, DICK WGBB, Freeport, N. Y.
DEINES, NORVAL
KMMJ, Grand Island, Nebr.
DELAHUNT, J. D. WHLB, Virginia, Minn, DELANEY, ROBERT WJOB, Hammond Ind. Minn. DELGADO, MUCIO KYCA, Prescott Ariz. DeLINE, JAMES WFBL, Syracuse, N. V. DEMERS, JACQUES CKAC, Montreal, Que., Can. DEMETRIADES, TETOS WHOM, Jersey City, N. J. DEMING, LAWSON WGAR, Cleveland, Ohio.
DeMOSS, LYLE WOW, Omaha, Nebr. DENKEMA, EDWARD WOOD-WASH, Grand Rapids. Mich. DENNETT. JACK CJRC, Winnipeg, Man., Can. DENNIS, GENE KMBC, Kansas City, Mo. ENT, KENNETH WTMA, Charleston, S. C.

DENTON, ROBT.
WBEN, Buffalo, N. Y.
DENVER, Jr., D. D.
WFEQ. St. Joseph, Missouri. WFEQ. St. Joseph DeSIGN, SAM WTAQ, Green Bay, DESPARD, WILFRED WHEC. Rochester. DESPARD, WILFRED
WHEC, Rochester, N. Y.
DeSUZE, CARLYLE N.
WGAN, Portland, Maine,
DEVINE, OTTES E.
WSM, Nashville, Tenn.
DEVLIN, TED CBY-CBL, Toronto, Ont., Can. DEWHIRST, DON WCLE-WHK, Cleveland, Ohio. DeVOUNG, GENE KARM, Fresno, Calif. KARM, Fresno, Cam.
DICE, FRANCIS R.
WCAO, Baltimore, Md.
DICKERMAN, C. H.
WEEL, Boston, Mass.
DICKEY, PERRY
KFDM, Beaumont, Texas.
DICKSON, HOWARD
KTSW, Emporia, Kans. DIEHL, ROBERT Washington, D. C. WOL. WIL. Washington, D. O DIGHTON, JACK WJRD, Tu-caloosa, Ala. DILLER, ROBERT WMRO, Aurora, Ill. DILLON, JOHN WFAS, White Plains, N. Y. DILWORTH, ROY CBY-CBL, Toronto, Ont., Can. DILWORTH, SCOT WCLS, Joliet, DINSMORE, EDMUND WORL, Boston, Mass.



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5:30 P. M. Daily NBC Blue Network

DIXON, JOHN WROK. Rockford, Ill. DIXON, MASON WNOX, Knoxville, Tenn. WNOX, KNOXVIIIE, TERM.
DIXON, ROBERT
WBRK, Pittsfield, Mass.
DIXON, W. D.
KVWC, Vernon, Texas.
DOBSON, G.
CKBI, Prince Albert, Sask. Can. DODDS, LLOYD WCOL, Columbus, Ohio.
DODGE, DOROTHY
KVFD, Fort Dodge, Iowa.
DOLL, CHESTER KWJB, Globe, Ariz.

DOLLAR, RUSSELL

WAIR, Winston-Salem, N. C. WAIR, Winston-Sales DORR, MARY KLS, Oakland, Calif. KLS, Oakland, Calif.
DORR, RUSSELL A.
WGAN, Portland, Mc.
DORSEY, R. O.
WOLS, Florence, S. C.
DOUGHERTY, ED
WHLS, Port Huron, Mich.
DOUGLAS, DON
WMCA. Three Little Sachs,
Five Star Final, NBC, Lincoln
Hirhway, A Friend in Need.
CBS, American School of the CBS, American School of the DOUGLAS. DOUG KRKD, Los Angeles, Calif. DOUGLAS, HAROLD KFRU, Columbia, Mo.

DOUGLAS, JOEL
WAAF, Chicago, Ill.

DOUGLAS, PAUL
NBC, Fred Waring In Pleasure Time, Glen Miller and his Orchestra, CBS. DOUGLAS, WILL WKBN, Youngstown, Ohio. DOUGLAS, WILL
WKBN, Yonnastown, Ohio.
DOWD, DON
WMAQ-WENR, Chicago, Ill.
DOWLING, ZACK
WWNC, Asheville, N. C.
DOWNEY, ROB
WMBC, Detroit, Mich.
DOWNING, TOM
WLAR, Lexington, Ky.
DOWNS, HUGH
WLOK, Lima, Ohio.
DOWTY, BYRON
KALB, Alexandria, La. KALB, Alexandria, La. DRAINIE, JOHN CJOR, Vancouver, B. C., Can. DRAKE, JAMES
WHBU, Anderson, Ind. DRAKE, MYRON KTAR, Phoenix, Ariz. DREES, JACK WJJD, Chicago, Ill. DREXLER, ROBERT WSAZ, Huntington, W. Va. DUBA, LEONARD KXRO, Aberdeen, Wash. DUBARD, VASSAR WSLI, Jackson, Miss. DUBBE, GLENN KRLC, Lewiston, Idaho. BERNARD DUDLEY, BERNARD WNAC-WAAB, Boston, Mass. DUDLEY, J. C. WGBB, Freeport, N. Y.

DUDLEY, JIMMY WCFL, Chicago, Ill.

CKCK, Regina, Sask., Can.

DUFF, MARJORIE

DUFFY, JON WNOE, New Orleans, La. DUGGAN, V. A. CFRN, Edmonton, Alberta, DUHAMEL, GILLES CKCV, Quebec, Que,
DUKATE, ELBERT
KTBC, Austin, Texas.
DULYE, RAY
WGNY, Newburgh, N. Y.
DUMMS, GUY DUMAIS, GUY
CBV, Quebec, Que., Can.
DUNCAN, NORVIN
WFBC, Greenville, S. C.
DUNHAM, BOB
KMOX St. Louis, Missouri.
DUNHAM, RICHARD
WARM, Scranton, Pa.
DUNLAP, TED
WOL, Washmeton, D. C.
DUNLAP, WALLIE
WNOE, New Orleans, La.
DUNLAVEY, RONALD
WFBL, Syracuse, N. Y.
DUNLEA, R. A.
WMFD, Wilmington, N. C.
DUNN, BERT WMFD. Wilmington, N. C.
DUNN, BERT
KMO, Tacoma, Wash.
DUNNE, FRANK
WTAG, Worcester, Mass.
DUNNING, HARLAN
KSFO, San Francisco, Calif. DUNOVAN, HOWARD WJOB, Hammond, Ind.

DUNPHY, DON
WINS, New York, N. Y.

DUPONT, LAURENT
WLOL, Minneapolis-St. Paul, Minn. DUPRE, HENRY DUPRE, HENKY
WWL New Oleans. La.
DURBIN, WILLIAM A.
WEW. St. Louis. Mo.
DURKIN, SHERWOOD
KCKN, Kansas City. Kans.
DUTCH, HAROLD
WABI, Bangor, Maine. DUTY, ED
HUB, Watsonville, Calif.
DUTY, W. S.
WABI, Bangor, Me. — E — EARLE, TED CKGB, Timmins, Ont., Can. EASLEY, BOB WAIM, Anderson, S. C. EAST, HENRY WRBL, Columbus, Ga. EASTCOTT, M. ELMITT WOOD-WASH, Grand Rapids, Mich. EASTERLY, WILLIARD KVRS, Rock Springs, Wyo. EATON, GORDON WGST, Atlanta, Ga. EBERLE, JAMES WWJ. Detroit, Mich. ECKLAND, VICTOR
KGMB, Honolulu, Hawaii. EDDY, RALPH WIIIP, Hammond, Ind. EDELSON, HOWARD KOL, Seattle, Wash.

EDWARDS, GENE WDAS, Philadelphia, Pa. EDWARDS, GEORGE WCAP, Asbury Park, N. J. EDWARDS, JACK WSLB. Ogdensburg, N. Y. NSLB. Geensburg, N. 1.
EDWARDS, RALPH
NBC. Against the Storm, Horn & Hardart Children's Hour,
Vic And Sade, What's My
Name, Life Can Be Beautiful,
Truth and Consequences. EDWARDS, WILSON KECA, KFI, Los Los Augeles. Calif EFFERTZ, HENRY KCMO. Kansas City, Mo. EGAN, LEO WAAB-WNAC, Boston, Mass. WAAB-WNAU, BOSTON, Mass. EGGLESTON, KEN WKST, New Castle, Pa. EGGLESTON, KENTON CJRC, Winniper, Man., Can. EILAND, FRED WLOG, LOGAR, W. Vo. WLOG, Logan. EISENMAN, ROBERT EISENMAN, ROBERT
WSAV, Savannah, Ga.
ELDER, DON
WDAY, Fargo, N. D.
ELLIOT, PERRY
WDAK, West Point, Ga.
ELLIOT, WENDELL
KSAL, Salina, Kans. ELLIOTT, LARRY Fred Allen CBS, Columbia's Stepchild CBS, Morning Euro-pean News Roundup CBS, Grace Line CBS, ELLIOTT, WILLIAM
WICC, Bridgeport, Conn. WICC, Bridgeport, Com ELLIS, RICHARD WDAK, West Point, Ga. ELLSWOTH, ELMER KVRS, Rock Springs, Wyo, ELLSWORTH, JACK WKAT, Miami, Beach, Fla. ELLSWORTH, SHERRILL WOOD-WASH, Grand Rapids. Mich EMICH, HOWARD WMAN, Marinette, Wisc. ENDERSHE, FRANK KYSM, Mankato, Minn ENGLAND, BOB KVSF, Santa Fe, N. M. ENGLE, CLIFF Mankato, Minn, San KGO-KPO. Francisco, Calif. ENGLES, ROBERT
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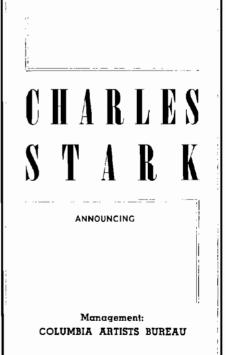
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WNOX, Knoxville, Tenn.
TESSMAN, ABBOT
KGO, KPO San Fran KGO-KPO. Francisco. San THERIAULT, Y.
CKCH., Hull, Que., Can.

THOMA, GEORGE WKBB, Dubuque Towa THOMAS, BOB WFLA, Tampa, Fla. THOMAS, GEORGE WCAU, Philadelphia, Pa. THOMAS, GLENN WJEJ, Hagerstown, Md.
THOMAS, HAL
KFPY, Spokane, Wush
THOMAS, JACK
WFAA, Dallas Texas
THOMAS, LARRY
WDAS, Philadelphia Pa.
THOMAS, MURPHY
KDRO, Sedalia, Mo.
THOMLINSON, BOB
KEX-KGW, Portland, Ore.
THOMPSON, AL
KSAL, Salua Kans. WJEJ, Hagerstown, Md. KSAL, Salma THOMPSON, BUD Kans. KFYO, Lubboek, Texas THOMPSON, CLAY KFYO, Lubboek, Texas, THOMPSON, G. Edmonton, Alberta, CFRN Can THOMPSON, JACK Man. Can. CJRC, Winnings THOMPSON, JAMES KOV, Pittsburgh, Pa. THOMPSON, R. S. KBIZ, Ottumwa, Ia. THOMPSON, REO CJCA, Edmonton, Aberta Can THOMPSON, VERL
WXYZ, Detroit, Mich.
THORDE, JOHN
KYW, Philadelphia, Pa.
THRONTON, HARRY
WBLJ, Dalton, Ga.
THWING, RICHARD
WXLC, New Lordon, Coun
TICE, 4. OLEN
WCOS, Columbia, S. C
TIFFANY, GERALD
KABR, Aberdeen, S. D.
TIFFANY, WILBUR
CKNX, Wingham, Ont., Can,
TIGNER, CHARLES
KWKH, Shreveport, La
TILDEN, LAMONT
CBY-CRL, Toronto, Out., Can
TIMM, ALLEN THOMPSON, VERL TIMM. ALLEN TIMM. ALLEN
WEMP. Milwaukee. Wise,
TINLEY, JR., G. HOWARD
WCAO, Baltimore, Md.
TOBIN, JOSEPH
WESX, Salem Mass,
TOBIN, MARTIN
KMBC, Kansas City, Mo.
TOBIN, MARTIN
KOA, Deuver, Colo,
TOBOLA, JOHN
WAYX, Wayeross, Ga
TODD, HOMER U. TODD, HOMER U. WCBM, Baltimore, Md TODD, JACK KANS, Wichita Kans. KVOO, Tulsa, Okla, TOLIN, GEORGE KROW, Oakland, Calif. TOLLIVER, DON WTMV, East St. Louis, III TORLAND, TOR KOA, Denver, Colo. TORMEY, JAY
WFAS, White Plains, N. Y.
TOWERS, JACK
KFDY, Brookings, S. D.
TOWNE, MICHAEL
WINN, Louisville, Ky.

KVGB. Great Bend. Konst TOZIER, HAROLD WSAU, Watsau, Wise, TRAUM, BILL WROK, Rockford, Ill. WROK, Rockford, III.
TREASTER, LYMAN
KTKC Visalia Cabf.
TREDWAY, BILL
KFBB, Great Falls, Montana.
TREMBLE, SIDNEY B.
KSAL, Salma, Kans.
TROUT, BOB
CBS, Saturday, Nuch., Serie TROUT, BOB
CBS. Saturday Night Serenade, Prof. Quiz.
TRUDEAU 3rd, EDWARD L.
WOKO, Albany, N. Y.
TRIEMAN, HUGH
CHSJ St. John, N. B., Can.
TUCHOLKA, EDWARD
WEBR, Buffalo, N. Y.
TUCKER, EDWIN W.
WCAM, Camden, N. J. WCAM, Camden, N. J. TUMA, CY KMMJ, Grand Island, Nebr. TUNIS, HAL WIRG, Glenside, Pa TUPPER, HOWARD WGY Schenectady, N. Y. TURNER, GLEN CHAB, Moose Jaw, Sask., Can. CHAB, Moose Jaw, Sask, OTURNER, HARRY KOBH, Rapid City, S. D. TURNER, HOWARD WSPA, Spartanburg, S. C TURNER, HUGH KLS, Oakland, Calif. KUS, Oakland, Calif.
TURNER, ROBERT
WERR, Buffalo, N. V.
TURNER, WALTER
WLOK, Lima, Ohio
TURNESE, ARTHUR
KWJB, Globe, Ariz.
TUTT, ROB
KROY, Sacramento, Calif.
TWYMAN, HARVEY
KOIL, Omaha, Nebr. KOIL, Omaha, Nebr. TVLER, NOAH WIOD, Miami, Fla — U – ULMER, ROCH KFI KECA, Los Angeles, Calif. UNDERCOFFER, JIM WCMI, Ashland, Ky. UNDERHILL, DUTCH WOC, Davenport, Iowa, UNDERWOOD, CHARLES WMBS, Uniontown, Pa. UPSON, PAUL WTRC, Elkhart, Ind. URIE, HURSCHELL KSUB, Cedar City, Utah.

TOWNSLEY, RUSS

# \_\_ V ~

VADAKIN, DOROTHY
KWAT, Watertown, S. D.
VAILE, DAVID
KOA, Donver, Colo.
VAINRIB, STANLEY
WCSC, Charleston, S. C
VALACH, CHARLES
WDAS, Philadelphia Pa.
VALAITIS, J.
WHOM, Jersey City, N. J.
VALENTINE, BILL
CKSO, Sudbury, Ont., Can.
VALENTINE, DAN.
WRUF, Gamesville, Fla. WRUF, Gamesville, Fla. VALENTINE, JIMMY KEJM, Grand Forks, N. D. VALENTINE, RANCE WTAM, Cleveland Ohio

VANCE, JOHN WDAN, Danville, Ill.

VANCE, KEN WJHO, Opelika, Ala. VANDERWALKER, EARL KWLC, Decorab, Iowa. KWLC, Decorah, Iov VAN DYKE, RUSSELL

KHAS, Hastings, Nebr. VAN HAAFTEN, BUD KOB. Albuquerque,

VAN HORN, ARTHUR KFRC, San Francisco, Calif. VAN KUREN, JAMES

CKLW. Windsor, Ont., C VAN MATRE, EVERETT

VAN MATRE, EVERETT
KFRU, Columbia, Mo.
VANN, FRANK
WGH, Newport News, Va.
VAN SANDT, JOE
WMSD, Muscle Shoals, Ala.
VAN SANT, JOHN T.
WCBA-WSAN, Allentown, Pa.
VARES, GEORGE
WEDC, Chicago, Ill.
VASILATOS, E.
WVFW, Brookiya N. Y.
VAUGHN, ROBERT
KIT, Yakima, Wash,
VEAL, S.
WJHP, Jacksonville, Fla.

VEAL, S.
WJHP. Jacksonville, Fla.
WJHP. Jacksonville, Fla.
VEDDER, CHESTER
WGY, Schencetady, N. Y.
VERBA, GILBERT
ROA, Denver, Colo.
VERNON, CONRAD
RNOW, Austin, Texas,
VICKERS, LEE E,
WJSV, Washington, D. C.
VICTOR, IRVIN
WJJD, Chicago, III,
VINCENT, PAUL
WMEG, Richmond, Va.
VINES, LEE
WJP Philadelphia, Pa.
VINEY, HENRY

VINEY, HENRY CJOC. Lethbi Lethbridge, Alberta. Can

Can.
VOGEL, FRANCIS
WHDL, Olean, N. Y.
VOGEL, PHIL
WGKV, Charleston, W. Va
VON BERGEN, JOHN
WARM, Scranton, Pa.
VON EGGER, HAROLD
KGKL, San Angelo, Texas.
VON LINDER, L.
WMT, Cedar Rapids, Waterloo,
Iowa.

Inwa VONROTH, ROGER WRC-WMAL, Washington.

D. C. VON ZELL, HARRY The Aldrich Family NBC Time to Smile NBC, Helen Hayes Theater CBS.

VOSS, HERMAN WMBI, Chicago, Ill.

VOSSE, FRED WMPS, Memphis, Tenn. VRZAL, CARL WEDC, Chicago, III.

# -- W -

WABER, THOMAS WKAR, East Lansing, Mich. WARA. FAIST
WADE. FRED
WTIC, Hartford. Conn
WADE, OZZIE
WKNE, Keene, N. H.
WADE, TOM Hartford, Conn.

WMPS, Memphis, Tenn. KSRO, Santa Rosa, Calif. WAHLBERG, JOEL F. WGH, Newport News, Va. WAKEMAN, TONY

WAKEMAN, TONY
WOL, Washington, D. C.
WALDEN, PAUL
KODL, The Dalles, Ore,
WALDROP, JAMES
WORK, Spartanburg, S. C.
WAGNER, JACK
WALDS, DICK
KERU, Columbia, Mo.

WALKER, BILL

CJRM, Regina, Sask., Can. WALKER, BILL

KFJM, Grand Forks, N. D.

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WISN, Milwaukee, Wisc.

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WCFL, Chicago, WALLACE, MYRON

WXYZ, Detroit Mich WALLACE, ROBERT M.

WOLS, Florence, S. C.
WALTER, CHARLES HENRY
WRDW, Augusta, Ga.
WALTERS, JOE

KSFO, San Francisco, Calif. WALTERS, LEON WWSW, Pittsburgh, Pa. WALTMAN, LA VELLE

KROC. Rochester, Minn.
WALTON, JAMES M.
WHAS, Lonisville, Ky.
WALTON, SIDNEY
Sidney Walton's Music NBC By Kathleen Norris CBS, MBS,

WANNAMAKER, ALLEN WGTM, Wilson, N. C.

WARD, DAVE WKRC Cincinnati, Ohio. WARE, TOL KSFO, San Francisco, Calif

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WARNER, NEWELL WCBM, Baltimore.

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WARREN, JAY WEBQ, Harrisburg, III.

WEBQ, Harrisburg, III, WASS, BOB WADC Akron, Ohio, WATKINS, JOHN WGAC, Augusta, Ga. WATKINS, WAT WAAT, Jersey City, N. J. WATSON, C. B. WFNC, Fayettoville, N. C. WATSON, JR., LOREN L.

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WJHO, Opelika, Ala. WEBBE, TED

WEBRE, TED WINS, New York, N. Y. WEBBER, FRED WFH., Philadelphia, Pa. WEBER, JOHN PAUL WIP, Philadelphia, Pa.

WEBER, KEN WLEU, Erie, Pa, WEBSTER, MAURIE

KNX, Los Angeles, Calif. WERSTER, REX KFYO, Lubbock, Texas.

WEBSTER, ROBERT

WEBSTER, ROBERT
WCAE, Pittsburgh, Pa.
WEEKS, BOB
KFBC, Cheyenne, Wyo.
WEEKS, E. L.
KABR, Aberdeen, S. D.
WEEKS, JOE
WJR, Detroit, Mich.
WEEKS, JOHN
KPDN, Pampa, Texas,
WEGMAN, EDWARD
WEBR, Buffalo N. Y.
WEIGEL, FRAN
WLAY, Grand Rapids, Mich.
WEIL, ANDREW
WTMC, Ocala, Fla.
WEIL, LESTER

WEIL, LESTER WTMC, Ocala, Fla. WEINGARTH, FRED

WDAF, Kansas City, Mo.

WEIR, J. A. WEIR, J. K. BIZ, Ottumwa, Ja. WEIST, DWIGHT NBC, Valiant Lady By Kathleen Norris, WILDING

WELCH, CHARLES KASA, Elk City Okla.

WELCH, HERBERT

WELLIH, HERBERT
WRNS, Columbus, Ohio.
WELCH, JOSEPH
WSAR, Fall River, Mass,
WELCH, WILLIAM
WKRC, Cincineatt, Ohio,
WELDON, MARTIN
WINS, New York, N. Y.
WELLER, ROSS
WSAY, Rochester, N. Y.

WELLER, SAMUEL

WELLER, SAMCEL
WJOB, Hammond, Ind.
WELLS, BILL
WMPS, Memphis, Tenn.
WELLS, JACK
CFOC, Saskatoon, Sask.
WELSH, JACK
WSTV, Steubenville, Ohio.
WERTZ, HOYT
WIRW, Topeka, Kans.

WESTERKAMP, RICHARD F. WCM1, Ashland, Ky WESTMORELAND, LLOYD

CKCK, Regina, Sask., Can. WETZEL, E. H. WCBA-WSAN

Allentown, Pa. WETZLER, JOSEPHINE WMBD Peoria, Ul.

WHEDBEE, CHARLES WGTC, Greenville,

WHEELER, CHET
KWIL, Albany, Ore.
WHEELER, JOE
WSIX, Nashville, Tenn.
WHEELER, TONY

WHILE IN TON WHILE, Philadelphia, Pa. WHITE, ANDY KVOA, Theson, Ariz. WHITE, DON

KXRO, Aberdeen, Wash.

WHITE, JACK WJR, Detroit, Mich WJR. Detroit, Sacc.
WHITE, PAVI.
WESN Salem, Mass
WHITE, RAY B.
WAWZ, Zarephath, N. J.
WHITE, ROBERT E.
WRZ WBZA. Boston-Springheld, Mass.
WHITING, BILL.
RFAU, Los Anleles Calif.
WHITINGTON, DICK.
WHSP St. Petersburg Fla.
WHITLEA, RAYMOND
KABC, San Antonio, Texas.
WHITMORE, JOHN WJHP, Jacksonyme, ... WHITNEY, PHIL WKNE, Koele, N. H. WHITTEKER, G. E. WHITTEKER, G. E. WJHP, Jacksonville, Fla. CBO Ottawa, Ont. Can.
WHITTIER, CHARLES
WBAX, Wilkes-Barre, Pa.
WHITWORTH, RAY KVWC Vernor, Texas, WIDNEY, STAN WHO, Des Moines, Iowa, WIGGINGTON, BILL WCCO, Minneapolis Mirn. WIGHT, H. B. WCAX, Burlington, V., WIKEHART EDIDLE WIKEHART, EDDIE
WBTH, Williamson, W. Va.
WILBUR, BEN WILBUR, BEN WFBM Indianapolis, Ind. WILCOX, HARLOW NBC, Fibber McGoo, and Molly WILCOX, JOHN KWNO, Wilcom, Minr. WILCOURT, ARLEN WAYX, Wayeross, Ga. WILCOURT, ARLEN
WAYX, Wayeross, Ga.
WILDE, EMIL
KEUO, CLeytor, Mo.
WILDE, R. B.
WOKO Albany, N. V.
WILDS, R. B.
WJHO, Opedika, Ala.
WILES, WILLIAM
WIUZ Zunesville, Ohio,
WILL, ROR WILL, BOB WIRE, Indianapoles, Ind. WIRE, India abods,
WILLARD, DICK
WOR, Newerk, N. J.
WILLARD, SID
WRML, Macon, Ga,
WILLETT, R. C.
CFCT, Vetoria, B. C.
WILLIAMS, ALUN Ti. C., Con WMCA, New York, N. Y. WILLIAMS, AUSTIN Denver, Colo. WILLIAMS, DALLAS Scattle, Wash, WILLIAMS, FOSTER WINS, New York, N. Y. WILLIAMS, JACK KOY, Phoenix, Phoenix, Ariz WILLIAMS, JIM WKPA., New Kensington, Pa WILLIAMS, JOHN WESX, Salem, Mass. WILLIAMS, KEN WFBR, Baltimore, Md. WILLIAMS, MARK WBTH, Williamson, W. Va. WILLIAMS, MILDRED E. WTAL, Tallahassee, Fla. WHALIAMS, NED WRNL, Richmond, Va. WILLIAMS, RAY WHIP, Hammond, Ind.

WILLIAMS, WALLY

WBIG, Greensboro, N. C.

WILLIS, AUSTIN CBY-CBL, Toronto, Out , Can WILLIS, J. E. WILLIS, J. E.
WLAR, Lexington Ky,
WILLIS, JR., R. K.
WFNC, Payett-with N. C.
WILLS, BARRY,
WJMS, Ironwood Mich,
WILLS, PAUL
KMON, St. Louis Mo,
WILMARTH, ALBERT
WSAM F. H. Berger, M. ss. WSAR FAIL River, Mass. WILSON, BILL WSPB Samsota Fia WILSON, CLAUD WILSON, CLAY D
WSB, Atlanta, Ga,
WILSON, DAVE
KVGB, Great Bend, Ki
WILSON, EDDIE
WSOY Becatter (II,
WILSON, ELVAN B,
WILAK, Lakeband, Fla,
WILSON, GEORGE
WSTY Stenbearth, O Bend Kans. WSTV, Steubenville, Ohio, WILSON, HAL WGFM, Wilson, N. C. WILSON, KEN WAJR, Morgantown, W. Va. WILSON, LEO WILSON, LEO
WHOP, Hopkinsvelle Ky.
WILSON, PAUL
WSLE JUCKSII, MISS.
WILSON, READ
WWNC, Vsheville, N. C.
WILSON, SCOTT
KTBS Shievopout La
WILSON, WILLIS
KGFT Brownsynth Texas.
WYMBOW BON KGFF Browneyt's TANS.
WINBROW, DON
WKAT, Miani Berch, Fla.
WING, GERALD
KROU, Rochester Mira,
WINN, BERT
KROW, Oakhard, Cacif. KROW Oakbard, Cath, WINN, WILLIAM WRAK, Williamsbort, Pa, WINNE, WILLIAM WABY, Abbany, N. Y. WINTER, JOHN CFCT, Montrell, Que., Can. WINTERS, JERRY WGPC, Albary, Ga. WINTERS, RAY Lu Rosa Concerts, MBS, Manu-Trust WITANOWSKI, EDWARD WHOM, Jersey Chy N. J. WITHERS, LOU KECA-KFI Los Aracles, Calif. WITMER, WEBB WDAF, Kansas Cuty Mo. WITTE, FRANZ WTMA, Checleston, S. C. WOLEVER, JACK J.
KWPC Hot Sormes, Ark.
WOLF, HAL
KPO KGO. San Francis San Francisco ë dif. WOLFRAM, A. L. WAWZ, Zarephoth, N. J. WOLFRAM, ORLAND WAWZ, Zarephath, N. J. WOOD, H. BARRY CKCK, Regina, Sask., Can. WOOD, HARRY KYW, Philad lphin Par. WOOD, STUART WFTM, Ft. Myers, Fla. WOOD, WILLIAM KGO-KPO, Sar San Francisco. Cabi

WOODARD, J. C.
WGKY, Charleston, W. Va.
WOODARD, RAY
WFTC, Kinston, N. C.
WOODARD, TED R.
WOODS, Plorence, S. C.
WOODBRIDGE, ROSS
WHIEC, Rochester, N. Y.
WOODLE, HAMILTON
WOLF, Syrachee, N. Y.
WOODLE, HAMILTON
WOLF, Syrachee, N. Y.
WOODS, JOHN
KGCY Mandan, N. D.
WOODS, BILL
WTCN, St. Paul-Minneapolis
Minn.
WORLEY, DAYE
KFYO, Lubbock Texas,
WORMAN, THERESA
WMBI Chacago, III.
WORTHY, JOE
WMRC, Greenwille, S. C.
WRIGHT, CHARLES H.
WELL, NEW Haven, Conn.
WRIGHT, HOLLIS
WTAG, Worrester, Mass,
WRIGHT, KEN
WYAG, Worrester, Mass,
WRIGHT, KEN
WNOX KINOXVIIIe, Tenn.
WRIGHT, MEL
KLO, Onden, Utah,
WRIGHT, STERLING
WSPA, Spartanburg, S. C.
WRIGHT, STERLING
WSPA, Spartanburg, S. C.
WRIGHT, TWILL
KTEL, Twin Falls, Idaho,
WYATT, JACK
WHA, RUSSELL
WMBD, Peoria, III.
WYNNE, DICK
KSTO, San Francisco, Cabif.

KOA, Beaver Colo.
YOUNG, BERN
WTOL, Toledo, Ohio.
YOUNG, DUKE
KORE, Engene, Ore.
YOUNG, FRANK
WOL, Washington, D. C.
YOUNG, GORDON
CFUE, Montreal, Que., Can
YOUNG, HAL
CBY-CBL, Toronto, Out., Can
YOUNG, JAMES
WIHP, Jacksonville, Fla.
YOUNG, KENNETH,
KUEJ, Haggerstown Md.
YOUNG, KENNETH,
KUKN, Kansas City, Kans.
YOUNGREN, FRANCES
WHIL, Toleano, Ill.
YOUNG, WOLF
WARD Brooklyn, N. Y.
YOUSE, BOB
WIB ROANOKE, VA.

# \_\_ z \_\_

ZAPNOLKAYIAS, NICK WHOM, Jersey City, N. J. ZERGA, JAMES WEAN, Providence, R. I. ZIMMERMAN, DAVIS WWJ. Detroit, Mich. ZINK, ALBERT WGY, Schencetady, N. Y. ZUKOWSKY, EL GENE WHOM, Jersey City, N. J.

WOODARD, HOWARD

# Sports Commentators



# AND THEIR WORK **DURING 1940**





BERGER, HAL

# — A -

ADAMS, GLENN WMRC, Greenville, ≈. Hudiphole Sports Column. MGNEW, SAM WKRC Cincinn di, Olao, ALLEN, MEL CLS Camel, Baseball, WMCA New York, N. V. ANDERSON, ARTHUR C. KTAR, Phoenix, Ariz. ANDREWS, TED KOCY Oklahoma Cry, Okla. ARNOLD, ALVIN KOBH, Rapid City, S. D. ARTHUR, FRANK KSAN San Francisco, Calif.

\_\_ B \_ BACH, JOE WHLD, Niagara Falls, N. Y. BAKER, MELVIN KABR, Aberdeen, S. D. BAKER, NELSON WFBR, Baltimore, Md. BAKER, ROGER WSAI, Cinempati, Ohio, BARBEE, BUD WJPF, Herrin, 10. BARBER, WALTER (RED) WOR Newark, N. J. BARKER, BUD BARKER, BUD WPAR, Parkersburg, W. Va. BARNETT, MELVIN WHIS, Idnefield, W. Va BARTLETT, LEONARD KTRR Modesto, Calif. BATES, JR., WILLIAM H. KTRR Modesto, Calif. BATEY, O. CFCT. Victor a. B. C., Can. BATTERS, CHARLES WBRY, Waterbury New Haven, Conn. BECKMAN, W. C. WCOS Cobumbre, S. C BEDELL, A. DOUGLAS WCAP Asbury Park No. 3. BELL, BILL WRAK Williamsport, Pa. BELL, DICK WARD, Brooklyn, N. Y. BELL, JACK

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BOND, CHUCK
KEYR, Scattle, Wash
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WATL, Atlanta, Gu.
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BOURNE, PORTER L.
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KRLD, Dallas, Texas, BOVEN, JOHNNIE
KQV, Prisburgh, P.ROVLING, SID KQV Prisburch, P.
BOYLING, SID
CHAB Moose Juw, Sask., Can
BOZEMAN, JERRY
KTES KWKH, Shreveport, La
BRANDY, JOE
WSLB, Ordensburg, N. Y. BRAY, DICK WSAI (neineati Ohio BRECKNER, GARY KMPC, Beverly Hills, Calif. Pigskin Predictions

KNX, Las Angeles, Calif.

WFPG Atlantic City, N. J.

WCKY, Cincumati, Ohio, To-

BREEN, ED KVFD, Fort Dodge, Iowa.

WICC Budgeport, Coan,

BRENT, RALF

BRESCIA, MATTIE

BRESSLER, RUBE

day's Basebud

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RCMO, Kansas City, Mo.
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# — C -

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KEXD, Nampa, Ida.

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mg of Sports.
CARR, THOMAS
WESN, Salem, Mass.
CARSON, R. GRANT
CJRM, Regina, Sask., Can.
CARTER, BOB. WMCA, New York, N CARTWRIGHT, JACK KEVR, Scattle, Wash,

CASE, GEORGE
WTMV, East St. Louis, III
CASPER, CY
KXOK, St. Louis, Missourf.

BRITT, JIM
WAAR-WAR, Buston, Mass.
BRONDFIELD, JERRY
WCLE-WHIK, Cleveland, Oline,
Football Interviews.
BROSSEAU, BILL
(KAC, Montreal Quebec, Can
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WBZ-WBZA, Boston-Sprin field, Mass, Kickoff, MORRISON, ARTHUR CJRC, Winnipek, Man., Can.

MORTIMER, ROSS

CJOR, Vancouver, B. C., Can. MOSELY, PAUL KFJM, Grand Forks, N. D.

MOSHIER, JEFF WSUN, St. Petersburg, Fla. MOYLE, PAUL WCNC, Elizabeth City, N. C.

MULLINAX, EDWIN WHMA, Anniston, Ala. Sports Roundup.

MURPHY, B.
CKOV, Kelown, B. C., Can.
MURRAY, JIM
WCAE, Pittsburgh, Pa.
MVERS, JOE
KOA, Denver, Colo.

# \_\_\_ N -

NAUMAN, DICK KWFT, Wichita Falls, Texas. NEAL, IIM

NEAU, JIM.
KOME, Tulsa, Okla.
NELSON, ROSS
WGRM, Greenwood, Miss.
NELSON, STUB
KEX-KGW, Portland, Ore.
NEVADA, CHARLEY
WTMJ, Milwaukee, Wisc.
NEUADAN, LEA

NICHOLSON, LEO CJOR, Vancouver, B. C., Can. NOLL, HERMAN

WKOK, Sunbury, Pa.

NORMAN, NEIL
WIL, St. Louie, Mc.

NORRIS, PAUL
WSOC, Charlotte, N. C.

# **— 0 —**

OAKES, BARNEY WATL, Atlanta, Ga.
O'BRIEN, DON
KTUL, Tulsa, Okla. Sports Parade. Parage.
O'BRIEN, JOE
WMCA, New York, N. Y.
O'BRIEN, SHERRY
WDAS, Philadelphia, Pa.
O'BRIEN, TOMMY
KRIC, Beaumont, Texas. O'REILLY, JAY
WJLS, Beckley, W. Va.
OTT, WOODROW
WENY, Elmira, N. Y. OWEN, JR., FORREST WKAR, East Lansing, Mich. OWENS, MAURICE P. WROK, Rockford, Ill.

# --- P --

PADGETT, PAT WBML, Macon, Ga. WBML, Ma PAGET, JOE
WJDX. Jackson, Miss.
PALANGE, ANGELO
WVFW, Brooklyn, N. Y.
PARKES, HALL
KLO, Ogden, Utah. In the
World of Sports.
PARRISH, CARL KBIZ, Ottumwa, Ia. KBIZ, Ottumwa, Ia.
PARSONS, PEG
WLEU, Erle, Pa.
PARTON, "RED"
WOLF, Syracuse, N. Y. Sportscoop, Sports Roundup.
PATRICK, VAN
WHBF, Rock Island, IR
PATTEE, FLOYD
WNBC, Hartford-New Britain,
Conn. Conn. PAULSGROVE, WM. H. WJEJ, Hagerstown, Md. PEARSON, FORT WENR-WMAQ, Chicago, Ill. PECK, VIC KTSW, Emporia, Kans PENNEY, WILLIAM WSAV, Savannah, Ga. PEPE, JOHNNY WPIC, Sharon, Pa.
PERRIN, T. E.
RIRV, Sherman, Texas.
PERRY, ROBERT N.
WORL, Boston, Mass. PETERSON, JACK WDZ, Tuscola, Ill. PETRANKA, JOE WSFA, Montgomery, Ala. PETTEGREW, C. W. WOSU, Columbus, Ohio.
PHILLIPS, BILLY
KIDO, Roise, Idaho. PHILLIPS, ROGER
WSIX, Nashville, Tenn.
PHILLIPS, THOMAS C.
WDAK, West Point, Ga. WDAK, West Point, Ga.
PICHE, EDMOND
CBV. Quebec, Quc., Can.
PIERCE, EDDIE
WDLP, Panama City, Fla.
PIGUE, BOB
WMC, Memphis, Tenn.
PLACE, ED
W4AB, Roston, Muss. Pl. WAAB, Boston, Mass. Play-time On the Air. PLAMADORE, RAY WKBII, La Crosse, Wisc.

PLOWMAN, MARSH W. KWAT, Watertown, S. D. POINTELL, CHARLES WFIG, Sumter, S. C. POOLE, BOB WKPT, Kingsport, T POURS.
WRPT, KIRRED.
POPE, BILL
WENY, Elmira, N. Y.
POWELL, JIMMY
KVOA, TRESON, AFIZ.
POWER, J. BROOKS
WABI, BARGOT, Mc.
POWERS, JIMMY
WHN, New York. Kingsport, Tenn. York, N. Y. PROCTOR, ROBERT
WDAE, Tampa, Fla.
PROYOR, JIM
WAJR. Morgantown, W. Va.
PUCKETT, BERT WMT, Cedar Rapids-Waterloo.

# - Q -

QUALTROUGH, MORRISON KROD, El Paso, Texas. QUIGLEY, E. C. WIBW, Topeka, Kans.

RAND, GREN

# — R —

WABY, Albany, N. Y. RAPIEFF, KEN WICC, Bridgeport, Conn. RATHBUN, JACK WJHP, Jacksonville, Fla. RAWLS, CHARLIE WSLI, Jackson, Miss. RAY, ED RAY, ED
WDAE, Tampa, Fla.
REAGAN, NEIL
KFWB, Los Angeles, Calif.
REEVES, GEORGE
KCRC, Emd. Okla.
REEVES, RAY WRAL, Raleigh, N. C. REEVES, WAYNE WHBU, Anderson, Ind. REID, JAMES W. WEBB, Committee S. C. WEBC, Greenville, S. C. REILLY, BYRON KLS, Oakland, Calif. REJEBIAN, ARAM KVEC, San Luis Obispo, Calif. REVELLE, ORVILLE WKAT, Mann Beach, Fla. REYNOLDS, BOB WHAI, Greenfield, Mass. RHODES, BILLY WSAU, Wansan, Wise, RICHARDS, MAL WJHO, Opelika, Ala. RIDER, MAURY KIRO, Seattle, Wash. RIEGEL, RHEINHOLD WHA, Madison, Wisc. RILEY, DON WCAO, Baltimore, Md. RILEY, LEN WFBM, Indianapolis, Ind. Len Riley Reports the Sports.
RILEY, MICKEY
KMPC, Beverly Hills, Calif. RISER, JAMES WJEJ, Hagerstown, Md. RIVERO, RAMON ORTIZDEL WKAQ, San Juan, Puerto Rico. ROBERTS, R. H. CKY, Winnipeg, Man., Can.

KOAM, Pittsburg, Kans. ROGERS, EDDY KALB, Alexandria, La.

ROLL, RICHARD
WHIO, Dayton, Ohio.

ROMINE, DOUG
KTSA, San Antonio, Texas.

ROSCOE, PAUL KGFW, Kearney, Nebr ROSKIN, LEW Lethbridge, Alberta. CJOC, Can. ROSS, GEORGE KWG, Stockton, Calif. ROTHRUM, BILL WSYR, Syracuse, New York, ROUGH, FRANK
KWFC, Hot Springs, Ack.
ROWE, C. M.
WCAT, Rapid City, S. D. ROWSWELL, ROSEY KDKA, Pittsburgh, Pa. ROZELL, ED WKIP, Poughkeepsie, N. Y. RUGH, VIC KFBI, Wichita, Kans. RUHL, OSCAR WMAN, Mansfield, Ohio, RULE, ELTON KROY, Sacramento, Calif. RUSK, CLAY WOC, Davenport, Iowa. RUSSELL, JACK CKCR, Kitchener-Waterloo. Ont., Can. RUSSELL, TOM WKNE, Keene, N. H. RYAN, FRANK WNAC-WAAB, Boston, Mass

ROBERTSON, BRUCE

# - S -

SAAM, BYRUM

WIP, Philadelphia, Pa. SAMUEL, RUT WGAC, Augusta, Go. SANDACK, WALLY KSL, Salt Lake City, Utah, SAUNDERS, ART WGCM, Gulfport, Miss. SAVAGE, GUY WGN, Chease, III. SAXTON, GLENN WFTL, Fort Lauderdale, Fla SCHREIBER, MARK KLZ, Denver, Colo. SCOTT. JAY SCOTT, RAY SEARS, BILL

SCHULTZ, STANLEY WCAR, Pontiac, Mich SCOTT, DALE KTOK, Oklahoma City, Okla. WIOD, Miami, Fla. WJAC, Johnstown, Pa. RUTA, Salt Lake City, Utah. Inside Story Of Sports. Covered Wagon Days. SEARS, CARL KOME, Tulsa, Okla. SHAVER, BUD WXYZ, Detroit, Mich. SHIPES, JOHNNY WAYX, Wayeross, Ga. SHIRREFF, H. CKOV, Kelowna, B. C., Can. SHOLAR, WILEY
WBIG, Greensboro, N. C. Football With Wiley Sholar.

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A Publication
Devoted to the
Better Interests of
Commercial Radio
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KWLK, Longview, Wash,
SIMPSON, CHUCK
WDOD, Chattanooga, Tenn,
SIMPSON, DALE
WKY, Oklahoma City, Olda,
SIMPSON, STAN
KTRC, VIsalia, Calif,
SMITH, C,
CJAT, Trail, B, C., Can,
SMITH, ERNIE
KYA, San Francisco, Calif,
The Stootsman

KYA, San Fra The Sportsman. SWITH, HAL

WRR. Dallas, Texas.

SMITH, ROBERT H.

WOOD-WASH Grand Rapids, Much.

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SPOKES, ALFRED E.

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STANLEY, FRANK
WKAT Miami Beach,
Old Gold Sports Parade. Beach, Fla.

STARR, FRANK CFCF, Montreal Que., Can. STARR, JACK

WBAX, Wilkes Barre, Pa STEELE, ROBERT Hartford, Conn. WTIC,

STEIS, BILL WTSP, St. Petersburg, Fla. STEMMLER, NICK

WSYR, Syracuse, N. Y.
STEPHENS, GEBBERT
KPAC, Port Arthur, Texas,
STEPHENSON, STUART X.
WSYA Managaman. WSFA, Montgomery, Ala.

STERN, BILL NRC, Mudison Square Boxing Bouts, Sports Newsreel of the Air, Bill Stern's Sports Seraps.

STEVENS, HARMON L.
WHLS, Port Huron, Mich.
STEVENS, JACK
WNAC, Boston, Mass, Inside

of Sports. STEWART, M. D.

KNET, Palestine, Texas.

STIMERS, REX CKTB, St. Catharines, Ont., Can

STONE, PAUL WPID, Petersburg, Va. Paul Stone's Review. STONE, RALPH

KSRO, Santa Rosa, Calif. STOUT, ALLEN

WROL, Knoxville, Tenn. STREET, GABBY KXOK, St. Louis, Mo.

STRUBLE, BO B
KVCV, Redding, Calif. Foot ball Forecasts,
SUTTERFIELD, PHIL

WUSC, Charleston, S. C.

SWEENEY, BUDD WHKC, Columbus, Ohio.

SYLVAIN, MARCEL CKAC, Montreal, Que., Can.

# 

TANNER, LUKE KUOA, Stloam Springs, Ark. TAUB, SAM NBCWHN, New York, N. Y. Madison Square Boxing Bouts. TEAR, SID WLOG Logan, W. Va. TEAS, CHARLES TEAS, CHARLES

KOB, Albuquerque, N. M.
TEN EVCK, SIDNEY
WHCU, Ithaea, N. Y.
THOMAS, IIARRY
KGGM, Albuquerque, N. M.
THOMPSON, DON
KGO-KPO, San Francise
Calif Francisco Calif THOMPSON, HAL WFAA, Dallas, Texas. THOMPSON, HIMME WFRC, Greenville, S. C. THOMPSON, KELLY WLBJ. Bowling Green, Ky. THORNBURGH, RED WSAL Cincuntati, Ohio TOHD, JACK KANS, Wichita, Kans, FOTTEN, HAL Hal Totten's Sports WCFL, Sports Brandeasts WENR-Sports Broadcasts WMAQ. TOWERS, TOMMY KGMB, Honolulu, Hawaii TREDWAY, BILL KFBB. Great Falls. Montana.
TRUE, HAROLD
WXYZ, Detroit, Mich.
TRUITT, ROLLIE
KEX-KGW, Portland, Ore-

# — *U* —

TURNER, J. 1.
WLBJ, Bowling Green, Ky.
Royal Crown Sports Review,
TURTON, WALT
WHLS Port Huron, Mich.
TYSON, E. L.
WWJ, Detroit, Mich.

UNDERHILL, DUTCH WOC, Davenport, Iowa, UPSON, PAUL WTRC, Elkhart, Ind.

KEX-KGW, Portland, Ore TUCKER, JOE WWSW, Pittsburgh, Pa. TUCKER, RALPH WBOW, Terre Haute, Ind. TURNER, J. P. WLBJ, Bowling Green.

# \_\_ V \_\_

VAIL, LARRY VAIL, LARRY
WLOF, Orlando, Fla.
VANDERPYL, ELLIS
WGAR, Cleveland, Ohio.
VAN DYKE, RUSSELL
KHAS, Hastings, Nobr.
VAN SANT, JOHNNY
WCRA-WSAN, Allentown, Pa.

VAZQUEZ, PEDRO WKAQ, San Juan, Puerto Rico. VELA, WILLIAM

VELA, WILLIAM
KPAB, Laredo, Texas,
VENTER, MEL
KFRC, San Francisco, Calif.
VERNON, CONRAD
KNOW, Austin, Texas, Facing
The Facing The Facts.

VINEY, HENRY CJOC, Lethbr Lethbridge. Alberta. Can. VOLTZ, LUTHER

WIOD, Miami, Fla. VOSSE, FRED WMPS, Menuphis, Tenn.

# --w

WAGNER, PAUL WPAY, Portsmouth, Ohio. WAHLBERG, JOEL F. WGH. Newport News, Pa. WAKEMAN, TONY WOL, Washington, D. C. WALDEN, WARREN WEAN, Providence, R. L. WALKER, BILL WIBA, Madison, Wise. WALKER, HAL WISN, Milwaukee, Wise,

WALKER, MICKEY
WKIP, Poughkeepsie, N. Y.
Mickey Walker's Slants.

WALLACE, RAY WKST, New Castle, Pa. WALSH, GEORGE WHAS, Louisville, Ky. Accent

On Sport. WALTMAN, LaVELL

KROC, Rochester, Minn. WALTON, LUKE WBOW, Terre Haute, Ind. WARD, GRANT P.
WOSU, Columbus, Ohio
WARDEN, AL

KLO, Ogden, Utah.

WARDLE, JIM CFAR, Flu Flon, Man., Can. WARE, BILL KTHS, Hot Springs, Ark.

WARREN, CHARLES WCOL, Columbus, Obio.

WATSON, BOB KGNC, Amarillo, Texas. WEAVER, BILL KOVC, Valley Sports I View. City, N. D.

WEAVER, HANK KMPC, Beverly Hills, Calif.

WEAVER, J. R. WBTH, Williamson, W. Va. WEAVER, MEL WDEV, Waterbury, Vt.

WDEV, Waterbury, Vt. WEBBE, TED WINS, New York, N. Y.

WEBER, KEN WLEU Eric, Pa WEINGARTH, FRED WDAF, Kansas City, Mo.

WEGENER, DICK KARM, Fresno, Calif. Twilight League Baseball.

WELLS, JACK
WBEN, Buffalo, N. Y.
WELSH, JACK
WSTY, Steubenville, Ohio, Do

You Know Sports.

WESLEY, JAY WEEI, Boston, Mass

WESTERKAMP, RICHARD F. WCMI, Ashland, Ky

WHEDBEE, CHARLES WGTC, Greenville, N. C.

WHEELER, JOE
WSIX, Nashville, Tenn.
WHITAKER, JOHN

WJOB, Hammond, Ind.

WHITE, ANDREW
KTAR, Phoenix, Ariz.
WHITE, ANDY
KVOA, Tueson, Anz.
WHITE, DON
KYPO, Abardoon, Wiss

KXRO, Aberdeen, Wash. WHITE, JACK WJR, Detroit, Mich.

WHITMARSH, DENNY WBZ-WBZA, Bosto held, Mass, Kickoff. Boston-Spring-

WIGLEY, JERRY WBAX, Wilkes-Barre, Pa.

WIKEHART, EDDIE WBTH, Williamson, W. Va Sports Final,

WILBUR, GORT WNLC, New London, Conn. WILKINSON, BUD

WFBL, Syracuse, N. Y.

WILLARD, SID WBML, Macon WILLIAMS, BILL WCBI, Columbus, Miss.
WILLIAMS, DR. CLANTON
WAPI, Birmingham, Ala.

Background Of News. WILLIAMS, JIM WKPA, New 1

Kensington, Pa. WILLIAMS, JOE WLEU, Érie, Pa.

WILLIAMS, PAUL WWJ, Detroit, Mich. WILLIS, J. E. WLAP, Lexington, Ky.

WILSON, BOB

WADC, Akron, Ohio.
WILSON, DAVE
KVGB, Great Bend Kans.

WILSON, JOE WHBC, Cam Canton, Onto.

WINCHELL, FRANK WDAE, Tampa, Fla.

WINNIE, RUSS WTMJ, Milwaukee, Wisc.

WOLD, AL WTCN, St. Paul, Minn.

WOLF, SOL WRAK, Williamsport, Pa.

WOOD, STUART WFTM, Ft. Myers, Fla. WOODARD, JIMMIE

WGKV, Charleston W. Va. WOODARD, RAY WFTC, Kinston, N. C.

WOODHOUSE, C. JAMES WDNC, Durham, N. C

WOODLING, "WOODY" KHSL. Chico, Calif. WOOLERY, ARLO
KWLC, Decorah, Iowa.
WRIGHT, HOLLY
WTAG, Worcester, Mass. WTAG, Worcester, Mass. WYLIE, BOB WFMJ, Youngstown, Ohio.

— Y —

YANDT, MAX KGVO, Missoula, Mont. YELLAND, STARR KOA, Denver, Colo. YOOS, D. CKBI, Prince Albert, Sask.,

Can. YOUNG, DAVE KABC, San Antonio, Texas VOUNG, JAMES W. WJHP. Jacksonville, Fla. VOUNGBLOOD, WESLEY

KFYO, Lubbock, Texas. YOUSE, BOB WDBJ, Roanoke, Va.

— Z —

ZAIMAN, JACK WDRC, Hartford, Conn. ZANK, KEN KFUO, Clayton, Mo. ZIFF, SID KFWB, Los Angeles, Calif. ZINK, ALBERT WGY, Schenectady, N. Y.

Arch Oholer

Charles Martin

# Writers for Radio



# AND THEIR WORK **DURING 1940**





ALESSANDRINI, ENZO WDNC, Durham, N. C. WDNC Theater Guild.

# — B —

BAKER, ART KNX. Los Angele Rhyme and Reason. Angeles, Calif.

Policewoman Christie KMPC. Hedda Hopper's Hollywood CBS.

BECKER, DON NBC. Life Can Be Beautiful. NBC. Life Can Be F. The Man I Married.

BELOIN, ED NBC. Jello Program Starring NBC. Jello Jack Benny.

BIXBY, CARL NBC. Life Can Be Beautiful. The Man I Married, This Day Is Ours.

BORIES, MERTON Dr. Shirley W. Wynne Food Forum WMCA, Musical Vari-ctics WMCA, Horn of Plenty WEVD.

BROOKS, MATT Joe Penner Program CBS, Eddie Cantor Program NBC, Al Jolson Program CBS.

# — c — CARRINGTON, ELAINE S. NBC. Pepper Young's Family.

CARROLL, CARROLL NBC. Kraft Music Hall.

CHAPPEL, ELOISE WDNC, Durham, N. C. WDNC Theater Guild.

COLEMAN, CARYL Sparks of Friendship, ETs.

COOL, GOMER KMBC, Kansas City, Mo. Red-horse Ranch.

CRUSINBERRY, JANE
NBC. The Story of Mary
Marlin.

# — D –

DAVIDSON, MICHAEL Special Broadcasts for Walt Disney.

DAVIS, I DDIE Joe Per er Program CBS, Eddie Can er Program NBC, Al Jolson Program CBS.

# DENNY, ROGER QUAYLE Policewoman Christic KMPC I Want a Divorce MBC, Gulf Screen Guild CBS, Campbell Playhouse CBS, Woodbury

Playhouse CBS.

DES RAMEAUX, REJANE CBS. Courrier Confidences.

DEVGLUN, HENRY CBC. Vie de Famille.

# — E —

ELLIE, CAROLINE KMBC, Kansas City, Mo. River To the Sea, Caroline's Golden Store

# \_ F —

FARR, FINIS
NBC. Dr. District Attorney.

FINLEY, JOHN D. MED-O-Vapo Program WMIN-WIBC-WING.

FISHER, MARVIN
NBC. The Signal Carnival.

FLYNN, BESS CBS. Martha Webster.

# -- G --

GOLDSMITH, CLIFFORD NBC. The Aldrich Family.

Pull Over Neighbor MBS Don Lee

GUEDEL, WALTER Radio Charades KHJ.

# — H —

HARRIS, HARRIET WOW, Omaha, Nebr.

HIGGINS, EDGAR WDNC, Durham, N. C. WDNC Theater Guild.

HILL, FRANK ERNEST NBC. On Your Job.

HOPKINS, JETTABEE Adopted Daughter, ETs.

HUCKINS, JANET

KMBC, Kansas City, Mo. Ar
nold Grimm's Daughter.

# \_\_ J -

JOHNSTONE, JACK MBS. Who Knows.

# - K -

# KANTER, HAL

Grand Central Station NBC, Tip Top Show CBS, Lincoln Highway NBC, Command Per-formance MBS, The Star Spangled Theater NBC.

KELLY, PAT KFRC, San Francisco, Calif.

Standard Symphony Programs. Brain Battle.

KRIB, ARTHUR HARGROVE CBS, Al Pearce and His Gang.

KRUM, FAYETTE NBC, Girl A Over Paradise. Girl Alone, Thunder

KRUSE, HARVEY General Management Co. Program KSTP.

# — L —

LELAND, JR., CY Bewley's Chuck Wagon Gang. ETs.

LEVY, ROBERT KMBC, Kansas City, Mo. Brush Creek Follies, Dinner Bell Roundup.

LEWIS, ADDISON
Med-O Vapo Program WMIN-WIBC-WING.

## – M –

McINTOSH, BILL KMBC, Kansas City, Mo.

MAGEE, GEORGE WEVD, New York, N. Y.: Musical Clock, News Commentary.

MARTIN, CHARLES Johnny Presents, NBC

MEADE, DWIGHT NBC, Harvey and Dell.

MEISER, EDITH

NBC The Adventures of Sherlock Holmes.

MICHAEL, SANDRA NBC. Against the Storm, Lone Journey.

MORROW, BILL NBC. The Jello Program.

MORSE, CARLTON E. NBC, I Love a Mystery, One Man's Family,

## **— 0** –

OBOLER, ARCH NBC. Arch Oboler's Plays.

# — P -

PHILLIPS, IRNA
Road of Life NBC-CBS, Woman In Winte CBS, Griding Light, NBC.

## POLIMENT, TRANK Meditations WOV

PRINDLE, DON CBS Al Pearge and His Garg.

# **— 0 —**

## QUINN, DON

NRC Fibber McGee and Molly.

# – R –

RAPP, PHIL NBC, Good News of 1940.

## REID, LEWIS

Chateau Martin Wire broad-0.1518.

RHYMER, PAUL NBC, Victorial Sade.

RIECK, WILTON WOW, Omisha Other Woman. Nelson

# ROGERS, RUSSELL

CBS, A. Penree and His Gonz

# - S -

## ST. CLAIR, BONNIE

KMPC Bever'y Hills, Calif. Policewoman Christie.

SAGUE, SAM WMCA, A Step Towards Happiness.

## SARSFIELD, JAMES

KLZ, Denver, Colo Skipper

SHERDEMAN, TED NBC. Horace Heidt's Treasure thest. Where and When.

# STAINBROOK, EDWARD

WDNC, Durham, N. C. Adventures With Ideas.

# — T —

TAZEWELL, CHARLES NBC-Blue. Tom Mix Straight Shooters.

TJADEN, MONTEZ KEBI, Wielard, Rous

TOVRO, ORIN NBC. Oxydol's Own Ma Per-

TRASK, YVONNE KROY Sacran KROY Sacramento, Calif. The Zero Hour.

# - V -

## VANDAGRIFT, CARL

WGL WOWO, Ft. Wayne, Ind

# --w

## WALTON, SIDNEY

NBC. Sidney Walton's Music

CBS-NBC. The O'Neills,

## WICKER, TREENE

NBC. The Singing Lady.

## WOEHRMEYER, HILDA

WGL-WOWO, Ft. Wayne, Ind.

# — **z** —

# ZIMM, MATRICE

Old Letters, The Squared Cir-Old Letters, The Squared Cir-cle, Tapiestines of Life, Con-fessioners of Casanova, Life of Byron, The Police Blotter, Foibles of the Famous, The Sucker Clinic, Dan Dunn, Se-cret Operative No. 48, This Thus, Called Love, In His Stone. Steps.

# CARLTON E. MORSE

"ONE MAN'S FAMILY"

"I LOVE A MYSTERY"

N.B.C. Coast-To-Coast

# CARL BIXBY

CREATOR

WRITER

PRODUCER

OF

HIGH-BATED

**RADIO** 

**PROGRAMS** 

Co-author

"LIFE CAN BE

BEAUTIFUL"

"THIS DAY IS

OURS"

and

"THE MAN I

MARRIED"

Sturges Highway, Southport, Conn.

# Backstage



# Those Engaged in Radio Production and their work during 1940





# ADAMS, GLENN WMRC, Greenville, S. C. ADASKIN, JOHN

-A

ADASKIN, JOHN
CBY-CBL, Toronto, Ont., Can.
ADELMAN, PAT
KNOW, Austin, Texas.
ADEMY, JOHN
WCAO, Baltimore, Md.
AINLEY, J. T.
The Story of Mary Marhn
NBC, Kniekerboeker Playhouse NBC, First Nighter

CBS

AITKEN, KEN KTKC, Visalia. ALDRIDGE, WILLIAM WPAY, Portsmouth, Ohio, ALEXANDER, DON

WAAF, Chicago, Ill.
ALEXANDER, JOHN
KFBB, Great Falls,
ALEXANDER, MYER Montana.

Musical Americana NBC, Columbia Workshop CBS, Tex-

lumbia Workshop CBS, Tex-aco Star Theater CBS, Schae-fer Revue WEAF. ALLAN, ANDREW CBR, Vancouver, B. C., Can, ANDERSON, DICK WHO, Des Moines, Iowa, ANDERSON, R. CBO, Ottawa, Ont., Can, ANDERSON, R.

CBO, OTTAWA, OBT., CAI ANTHONY, ROHERT WOLF, Syraeuse, N. Y. ARTHUR, RENE CKCY, Quebec, Que, ASHE, COLEMAN

ASHE, COLEMAN KFBI, Wichita, Kaus ASHMON, CLARENCE KTOH, Liliue, T. H. ASPINWALL, HUGH WFAA, Dallas, Texas

WEAA, Dallas, Texas, AYER, HAROLD H. WRIP, Poughkeepsie N. Y.

# - B -

BACHER, WILLIAM A. WGN. Chicago, Ill. BAER, PARLEY KSL, Salt Lake City, Utah, BAKER, ART KNX, Hollywood Calif, Rhyme and Reason,

BAKER, RUSS WOW, Omaha, Nebr. BALDWIN, GARLAND

BALDWIN, GARLAND
WHIO, Dayton, Ohio,
BARNS, AMANDA
WGST, Atlanta, Ga.
BARR, LOUIS
WAAF, Chicage, Ill.
BARRETT, MAURICE
WHN, New York, N. Y.
BARTELL, GERALD
WHA, Madison, Wis,
BARTLETT, MARCI'S BARTLETT, MARCUS

WSB, Atlanta, Ga.
BARTON, CRAIG
WFAA, Daflas, Texas, Vocal

Coach.

BARTON, WILLIAM KVEC, San Luis Obispo, Cal. KVEC, San BASSE, NICK

BASSE, NICK
KVFD, Fort Dodge, Lowa,
BATSON, JR., CHARLES A,
WFBC, Greavelle, S. C.
BAUCOM, BILL
WIBW, Topeka, K.a.s.
BANTER, LIONEL
WAPI, Brimtingham, Ala.
BEAN, HAROLD
WMAQ WENR, Chicago, H.
BEDARD, CHARLES
CKCV, Quebec, Que
BEEBOUT, GEORGE
WHKC, Columbus, Olno.
BELL, DON Chicago, IL.

BELL, DON WFTC, Kinston, N. C. BELL, HOWARD KRKD, Los Angeles, Calif.

BELT, RICHARD WILIO, Dayton, Ohio. BENLIZA, RAFAEL

WNEL, San Juan Page to Rico

RICO.
BENNETT, DONN
KYW. Philadelphia, Ps.
BERRY, George
KMJ. Fresno, Calif.
BERTRANDIAS, DICK
WOO, San France

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Calif

Calif.
BETHEL, FRED
WOR, Newark, N. J.
BIEBER, FRED
WTHT, Hartford, Conn.
BIGLER, LANN
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BILL, FARMER,
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BLANCHARD, LOWELL WNOX, Knoxville, Tenn. BLENHEIM, LARRY

WFAS, White Plates N. Y. BLICKENSTAFF, J.

CFRN. Edmonton. Alberta.

Can.
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KVA, San Francisco, Calif.
BODEN, ERIC
KVA, San Francisco, Calif.
BOOTH, SAMUEL
WJEJ Hagerstown, Md.
BORIES, MERTON
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- C -

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dents' Mission Crusude. CAIRNS, CY CFQC, Saskatoon, Sask.

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CLARKE, JOHN WRBL, Columbus, Ga.

CLOWES, ED KPPC, Pasadena, Calif. COCKERELL, EARNIE

KTRI, Sioux City, Ia. CONLAN, PAUL

Signal NBC.

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WMSD, Muscle Shoals, Ala. CONNOLLY, JOSEPH A. WARD, Brooklyn, N. Y. Irish

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CUDDEBACK, EUGENE WDAS, Philadelphia, Pa.

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WSOY, Decatur, Ill.
DeGROOT, DON
WFDF, Flint, Mich.
DeKLYN, CHARLES
WCAU, Philadelphia, Pa.
DeLANO, LOIS
KIRO, Seattle, Wash.

DeLANO, LOIS
KIRO, Scattle, Wash,
DELSON, LILLIAN
WYFW, Brooklyn, N. Y.
DeMOSS, LYLE
WOW, Omaha, Nebr,
DENTON, ROBERT
WBEN, Buffalo, N. Y.
DeVORE, TOM
WBNS, COlumbus, Ohio.
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WBNS, Columbus, Ohic DICE, FRANCIS WCAO, Baltimore, Md. DICKSON, DON KDKA. Pittsburgh, Pa. DIERKEN, KATHERINE WBAL, Baltimore, Md. DILLON, HARRISON

MKGY, Olympia, Wash,
DILLON, JAMES
KGB, San Diego, Calif.
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WFAS, White Plains, N. Y.

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KVFD Fort Dodge, Iowa, DOLBIER, MAURICE WABI, Bangor, Maine, KOVC, Valley City, N. D. DOUGLAS, JIM KMOX, St. Louis, Mo. DOWLING, ALBERT WKBN, Youngstown, Ohio. DOWNA, HUNTON WSLS, Roanoke, Va. DREYFUS, WOODS WISN, Milwaukee, Wis. DRIMMOND, DAVID KPO-KGO, San Francisc

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DUNCAN, JR., NORVIN C.
WFBC, Greenville, S. C.
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CRR, Vancouver, B. C., Can.
DUNNE, FRANK
WTAG, Worcester, Mass.
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DUNWOODY, RUSS

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DWAN, ROBERT KGO - KPO, S San Francisco. Calif.

DYCK, MURRAY CFQC, Saskatoon, Sask., Can.

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EISENMAN, ROBERT
WSAV, Savannah, Ga.
ELLIOTT, TOMMY
KOVC, Valley City, N. D.
ELPHICKE, C. G.
CKOV, Kelowna, B. C.
ENGEL, ALFRED
WFEA, Manchester, N. H.

ENGLE, RICHARD KUSD, Vermillion, S. D. ENGLES, GEORGE

WMCA, New York, N. Y. EREKSON, REID WLB, Minneapolis, Minn.

ERICSON, GENE KGB. San Diego, Calif.

ERLENBORN, RAY

KNX, Los Angeles, Calif.
EVANS, DOUGLAS
KECA-KFI, Los Angeles, Calif.
EVANS, JO ANNE
KMYC, Marysville, Calif.

# - F ·

FACENDA, FRANK WPID, Petersburg, Va. FARBER, LESTER KVOA, Tueson, Ariz.

PARBER, LENTER
KVOA, Tueson, Ariz.
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CFAR, Flin Flon, Man., Can.
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KMPC, Beverly Hills, Calif.
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KCKN, Kansas City, Kans.

FAWCETT, GILBERT

FAWCETT, GILBERT
KDAL, Duluth, Minn.
FAYDEL, RAY
KLO, Ozden, Utah.
FENDRICK, LOWELL
KPDN, Panipa. Texas.
FEYHL, HORACE
WCAU, Philadelphia, Pa.

FICKLING, DOUGLAS

WOL, Washington, D. C. Dixie Harmonies

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FINGER, LEN
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FINLAY, JAMES
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FORD, MARCUS WIBA, Madison, Wise, consin Men and Women, Wis-

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WMBD, Peoria, Ill.
FORSEE, REID CBY-CBL, Toronto, Ont., Can. FOSTER, DAY

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FOX. FRED
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FOXWORTHY, THOMAS
KMYC, Marysville, Calif.
FRANCIS, I.

CFCF, Montreal, Que., Can. FRANK, HAROLD

WSLB, Oguen-ourself FRANKLIN, ORVIN Sherman, Texas. WSLB, Ogdensburg, N. Y.

KRRV, Sherman, Tex FRATICELLI, CAMILO WNEL, San Juan, Puerto

FREEBAIRN-SMITH, THOMAS

CBS. Big Town.
FREBURG, CHARLES

WOC. Davenport, Iowa. FRENCH, KEN WHEC, Rochester, N. Y. FULTON, JOHN WGST, Atlanta. Ga.

# — G —

GAMBLE, PAUL
WPIC, Sharon, Pa.
GARNES, CLARENCE
KANS, Wichita, Kans.
GARRIGUS, F. H.
WEEL, Boston, Mass,
GATES, HILLIARD
WGL-WOWO, FI, Wayne, Ind.
GAUNT, JOHN
WRC - WMAL, Washington, D. C.

B. C.
GAVIN, WILLIAM
KOMO-KJR. Seattle, Wash.
GENSEL, CARL
WXYZ, Detroit, Mich.

GENTLING, DAVE
KROC. Rochester, Minn.
GEORGE, ROY
KRLD, Dallas, Texas.
GIBSON, ALEC
WFBR, Baltimore, Md.
GILMORE, GRAEME
WAVE, Louisville, Ky.
GIRARD, PAUL
WBAL, Baltimore, Md.
GIRARDIN, R. G.
WEEI, Boston, Mass.
GIRLING, BETTY
WLB, Minneapolis, Minn.
GIROUX, PAUL
KTAR, Phoenix, Ariz.
GOBEL, ADOLPH
WWRI, Woodside, N. Y.
GOOT, PAUL
KARK, Little Rock, Ark.

KARK, Little Rock, Ark. GOLDER, HARRY WXYZ, Detroit, Mich. GOODMAN, R. C.

KROW, Oakland, Calif. GOODWIN, HAL

GOODWIN, HAL
WHAI, Greenfield, Mass.
GORDON, JOAN
CKLW, Windsor, Ont., Can.
GOULET, BERNARD
CKAC, Montreal, Oue., Can.
GRAHAM, ARTHUR W.
WKST, New Castle, Pa.
GRANT, JOSEPH
WMEX, Boston, Mass.
GRANSO, FRANK
WFLA, Tampa, Fla.
GRAVEL, ALAIN
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GREEN, CHARLES P. GREEN, CHARLES P. WIOD, Miami, Fla.

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GUNTS, BRENT WERR, Baltimore, Md.

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# — H -

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HALL, AL

KGKB, Tyler, Texas. HANDLEY, GERTRUDE

WRBL, Columbus, Ga. HANLON, TOM

KNX, Los Atzeles, Calif.

HANSSEN, JACK

KYSM, Mankato, Mum, HARDER, JACK WAYX, Wayeress, Ga.

WAYA, Wayeress, Gd. HARDIMAN, WILLIAM KSL, Salt Lake City, Utah, HARDING, BHLL WINS, New York, N. Y. HARGIS, THOMAS WENR-WMAQ Chicago, 1R,

HARKINS, BEN

KFRC, San Francisco, Calif. HARMAN, MARION

WRDW, Augusta, Ga HARMON, SIDNEY

CBS, Honest Abe HARRINGTON, JERRA WLOL, Mmreapo'is St. Paul.

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CKOC, Hamilton, Out, Can. HARTMAN, J. W.

WOL, Washington, Pappy and His Boys D. C.

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HATCHER, WARD KWFC, Hot Springs, Ark. HAWKINS, W. WTRC, Elkharf, Ind.

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WMBS, Unio KSRO, Santa Rosa, Calif.

HAYWARD, FRED WBT, Charlotte

WBI, CHAPOIDE, N. C.
HAYWORTH, HERBERT
WGL-WOWO, Ft. Wayne, Ind.
HEAD, IVAN R.
KVSF. Sante Fe. N. M.
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HEGELUND, FRED KGO-KPO, San Francisco, Cal.

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WHO, Des Moines, Iowa,
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KMMJ, Grand Island Nebr. KIEGAN, MONTE WOAI, San Antonio, Texas. KIMMELL, HAROLD

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LANG, WARD

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CKCK, Regina, Sask., Can. LAWRENCE, JAMES

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LUDWIG, LYELL
WCLO, Janesville, Wisc. LUNDQUIST, H. W. WEEL, Boston Mass.
LUNN, BERT
WAAB-WNAC, Boston, Mass.
LYONS, JIM
KVOE, Santa Ans, Calif.
LYONS, RUTH
WKRC, Cincinnati, Ohio.

## — М -

MeAVITY, TOM

NBC. Bob Hope Program.

MeCALLISTER PAUL

KVSF, Santo Fe, N. M.

McCARTHY, EDWARD WBNY, Buffalo, N. Y. McCLEAN, JR. Adopted Daughter ETs. McCLOUD, TY
WROL, Knoxville, Tenn.
McCORMICK, STEPHEN WOL, Washington D. C. McELROY, GLADYS WBAB, Atlantic City, N. J. St. James Players. McFARLAND, JESSICA WMBD, Peoria, Ill. McGEER, ADA CBR, Vancouver, B. C., Can. McGINNIS BOB MGINNIS BOB
KMJ, Fresno, Calif.
MGIRANE, J. C.
KVSF, Sante Fe, N. M.
MGRATH, WILLIAM
WNEW, New York, N. Y.
MGUIRE, RAY
WGRM, Greenwood, Miss.
McKEMIE, W. G.
KGKL, San Angelo, Texas.
McKIRBEN, JAMES McKIBBEN, JAMES
KECA-KFI, Los Angeles, Calif.
McKINLAY, LYNN
KSL, Salt Lake City, Utah. McLEOD, DUKE CFAR, Flin Flon, Man. Can. McLENDON, LEE KROW, Oakland, Calif. McMASTER, JOHN WMEX, Boston, Mass. McWHORTER, DON WBLK, Clarksburg, W. Va. MacDONALD JOHN WPIC, Sharon, Pa. MacDONALD, WILLIAM WCAR. Pontiac, Mich MacDONNELL, NORMAN KNX, Los Angeles, Calif. MacMILLAN, DON CKCK, Regina, Sask. Can. MacMURRAY, TED WENR-WMAQ, Chicago, IU. WENH-WMAQ, Chicago, 10.
MacKAE, ROSS
CKCK, Regina, Sask., Can.
MAGEE, GEORGE
WEVD, New York N. Y.
Musical Clock, News Commentary, Musical Program.
MAGURE, WALTER
WCAM, Ganden, N. J.
MILCHOW, GRACE MALCHOW, GRACE MALCHOW, GRACE
WBRB, Red Bank, N. J. Happiness Village,
MALL, DUCK
RCKN, Kansas Cuy Kans.
MALOUIN, ROY
CKAC, Montreal, Que., Can.
MARCH, MILL
WFPG, Atlantic City Y J. WFPG, Atlantic City, N. J.

MARGOLIS, WILLIAM WARD, Brooklyn, N. Y.

MARQUIS ARNOLD KPO-KGO, San Francisco. Calif. MARTA, JACK WJMS, Ironwood, Mich. MARTIN, CHARLES MARTIN, CHARLES
NBC, Johnny Presents.
MARTIN, DON
WFIL, Philadelphia, Pa.
MARTIN, THOMAS
WGY, Schenectady N. Y.
MARTINEAU, BOB N. Y. WTHT. Hartford, Conn. MASON, LIN WKRC, Cincinnati, Ohio Cincinnati, Ohio. MATHEWS, BILL MAYC, Marwyille, Calif.
MAWSON, RICHARD
WBAX, Wilkes, Barre, Pa.
MEADE, CHAS. B.
MELBY, EARL
WLOF, Orlando, Fla. MELVILLE, C. E. KMPC. Beverly Hills, Calif. Policewoman Christie. MENSER, C. L. NRC Blue. Tom Mix Straight Shooters. MERDIAN, JACK WSTV, Steubenville, Ohio. METCALF, DEAN KARM, Fresno, Calif. KARM, Fresno, Cahr.
MIDDLETON, GLENN
KNX, Los Angeles, Calif.
MIDGELY, JOHN
WCBS, Springfield, III.
MILBOURNE, L. WATERS
WCAO, Baltimore, Md.
MILES, WILLIAM
WBNY, Buffalo, N. Y.
MILLARD, ROSS
CFRB, Toronto, Ont., Can MILLARD, ROSS
CFRB, Toronto, Ont., Can.
MILLEN, PAUL
WMAQ-WENR. Chicago, Ill.
MILLER, ALLAN
WTOL, Toledo, Ohio.
MILLER, BURHAM
WHIO, Dayton, Ohio.
MILLER, HANK
KELD, Dallas, Texas. MILLER, HANK
KRLD. Dallas, Texas.
MILLER, OLIVE
RCKN. Kansas City. Kans.
MILLER WILLARD I.
WOLS, Florence, S. C.
MILNE, JAMES T.
WELL, New Haven. Conn.
MITCHELL, JACK
KTSA. San Antonio. Texas. KTSA, San Antonio, Texas. MIMS, STUART WAPI, Birmingham, Ala. WAPI, Birmingham, Ala.
MISENER, R. E.
CKOV, Kelowna, B. C.
MOBIE, R. THOMPSON
KABR, Aberdeen, S. D.
MOEGLE, FRED
WTMV, East St. Louis, Ill.
MOENCK, RUTH
WOC, Davenport, Iowa.
MOFFETT, RAYMOND W.
WCAO, Baltmore, Md. WCAO, Baltimore, Md. MONK, LLOVD CKGB, Timmins, Ont., Can. CKGB, Timmins, Out., Can. MONTGOMERY, JOHN WFPG, Atlantic City, N. J. MOORE, T. O. WAJR, Morkantown, W. Va. MOORE, VERN KIDO, Bolse, Idaho. MORGAN, ARNOLD KOL, Seattle, Wash, Armchair Theater. Theater.
MORGAN, ERNEST
CBR, Vancouver, B. C.
MORGAN, WILLIAM
WCAR, Pontiac, Mich. B. C., Can.

MORRISON, HUGH CBY-CBL, Toronto, Ont., Can. MORTON, DON WEAN, Providence, R. I. WEAN, Providence, K. L.
MOSES, JOHN
WHCK, Columbus, Ohio.
MOTTA, CHARLES
WVFW, Brooklyn, N. Y.
MOVLE, PAUL
WCNC, Elizabeth City, N. C. WCNC. Elizabeth City, N. C.
MULHOLLAND, ROSS
WXYZ. Detroit. Mich.
MUNSON, LYLE
WTAX. Sprimafield, Ill.
MURPHEY, ED.
KWKH-KTBS. Shreveport, La.
MURRAY, ERNEST
KATE, Albert Lea. Minn.
MUSSON, T. DUDLEY
WHAS, Louisville, Ky.

# – N –

NASH, BARNES
WHIS, Bluefield, W. Va.
NAYLOR, DON
WGST, Atlanta Ga.
NEAL, EVERETT
KQV, Pittsburgh, Pa.
NEWMAN, IYON
WNLC New London, Conn.
NICKELL, JOE
WIBW, Topeka, Kans.
NICKESON, DICK NICKESON, DICK WFMJ, Youngstown, Ohio. NILES, FREDERICK WHA, Madison, Wisc. NUSBAUM, MORT WSAY, Rochester N. Y.

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OBLER. ARCH NBC. Everyman's Theater. O'CONNOR, CHARLES NBC, Johnny Presents, OLSON, DAVID W. WCAE, Pittsburgh, Pa. OLSON, RAY WOW, Omaha, Nebr. WOW, Omaha, Nebr.
O'NEILL, JACK
WFBL, Syraeuse, N. Y.
OSBORNE, HENDREE
WRNL, Richmond, Va.
OSBORNE, OZZIE
KGCP, Coffeyville, Kans.
O'TOOLE, WILLIAM J.
WCAO, Baltimore, Md.
OWEN, ALFRED
WJRD, Tuscaloosa, Ala.
OWEN, ROR OWEN BOB WEN BUB KWNO, Winona, Minn, OWENS, MAURICE P. WROK, Rockford, Ill.

# --- P -

PADGETT, PAT WBML, Macon, Ga. PALMER, LOU KBST, Big Springs, Texas. PAPP FRANK PAPP FRANK
WENR-WMAQ. Chicago, Iil.
PARKER, EVERETT
WHIP, Hammond, Ind.
PARKER, F. B.
KPPU, Pasadena, Calif.
PARKER, GLEN WHO, Des Moines, Iowa, PARRISH WYNNE WOLF, Syracuse, N. Y. PARSONS, PEG WLEW, Eric, Ph. PARSONS, ROBERT WMBI, Chicago, Ill.

PARSONS, WILLIAM C. KTOH, Lihue, T. H. PASCOE, HARRY WINS, N. Y. WINS, N. Y.
PAULSGROVE, WM. H.
WIEJ, Hagerstown, Md.
PEACH, JACK
CBR. Vancouver, B. C. Can.
PEARSON, JOHN
KOMO-KJR. Seattle, Wash.
PENMAN, CHARLES
CBS. Stepmother.
PERRIN, T. E.
KRRV, Sherman, Texas.
PERRY, CAMERON
CJOC. Lethbridge, Alberta.
Can. Can. Can.
PERRY, ROBERT N.
WORL, Boston, Mass.
PETRIE, C. B.
WCBA-WSAN, Allento
PHILBIN, BOB
WCLS, Joliet, III. Allentown, Pa. WCLS, Joliet, III.
PHILLIPS, FRED
WDLP, Panama City, Fla.
PHIPPS, JACK
WBT, Charlotte, N. C.
PIERCE, EDDIE
WDLP, Panama City, Fla.
PIERCE, MATT
WHEC, Rochester, N.
Rhythe in Phenon. Y. WHEC, Rochester, N. Rhythm in Rhyme,
PIERCE, PAUL
KNX, Los Angeles, Calif.
PLAMADORE, RAY
WKBH, La Crosse, Wisc. PLUMLEE, PAUL KGLU, Safford, Ariz, POLLARD, PHIL WFBC, Greenville, S, C. POLLOCK, BOB WSB, Atlanta, Ga.
POOLER, WALDO
WTAM, Cleveland, Ohio.
PORTER, EARL
WIL St, Louis, Mo.
POULTON, CURT
WDZ, Tuscola, Ill.
POWELL, KENNETH
WENY, Elmira, N. Y.
PRESTON, MARLOWE
KGKU, San Angelo, Texas.
PRICE, JAMES
WCAM, Camden, N. J.
PROCTOR, ROBERT
WDAE, Tampa, Fla.
PROYAN, BOB
WDRC, Hartford, Com.
PROVOL, GEORGE A,
KDYL, Salt Lake City, Utah.
PRUPHOMME, CAMERON
KGO KPO, San Francisco.
Calif. WSB, Atlanta, Ga.

PUDNEY, EARLE
WBML Macon, Ga.
PURCELL, CHARLES W.
WCAO, Baltimore, Md.

Calif.

PURDY, RAI CFRB, Toronto, Ont., Can. PYLE, J. HOWARD KTAR, Phoenix, Ariz.

# **— Q —**

QUALTROUGH, MORRISON KROD, El Paso, Texas. ranger.

## - R -

RATIGAN, WM, C. KOA. Denver, Colo. RAYNER, W. Edmonton. CFRN, Alberta, REA, ERNIE WHAS, Louisville, Ky. REED, MILES WCFL, Chicago, Ill. REID, JAMES W. WFBC, Greenville, S. C. REID, LEWIS Chateau Martin Wine spots. REID, MICHAEL KVRS, Rock Springs, Wyo. REJEBAN, ARAM KVE!', San Luis Obisp Obispo. Calif REYNOLD, PAUL WDBJ, Roanoke, Va. RIBBE, JOHN KGO - KPO, San I San Francisco. Calif. RICCA, ERNIE WWJ. Detroit, Mich. RICHARDS, ROBERT RICHARDS, ROBERT
WSPD, Toledo, Ohio,
RICKER, BILL
WDEV, Waterbury, Vt.
RILEY, LOWELL
WBNS, Columbus, Ohio,
ROARK, C. A.,
KRLH, Midhaid, Texas,
ROBERTS, CLIFFORD
WHA, Madison, Wise,
ROBERTS, HOWDY
WMT, Cedar Rapids-Waterloo,
Iowa. Iowa.
ROBERTSON, BRUCE
KOAM, Phttsburgh, Kans.
ROBERTSON, JAMES
WIRA, Madison, Wisc.
ROBINSON, MAX
WHO, Drs. Moines, Iowa.
ROEHLING, JOSEPH
WGL-WOWO, Ft. Wayne, Ind.
ROGERS, FAY
WOPI, Bristol, Tenn.
ROSE WILLIAM ROSE, WILLIAM WCAX, Burlington, Vt. ROSENBERG, ISRAEL WVFW, Brooklyn, N. Y. ROSS, DICK KMO, Tacoma, Wash. ROWLAND, VIC KVOE, Santa Ana, Calif. ROY, ARMAND CKCV, Quebec, Que. RUGGLES, WALLACE KGO-KPO, San Fran San Francisco. Calif RUNNION, GUY WKY, Oklahoma City, Okla. RUSHWORTH, J. E. WEEL, Boston, Mass. - S -

SAGUE, SAM WMCA, A Step Towards Happiness piness.

SANDERS, ERNIE
WHO, Des Moines, Iowa.
SANFORD, BILL
KMJ. Fresho, Calif.
SAUNDERS, WILLIAM
WELLS D, cond. M. WSLS, Roanoke, Va. SCHMITTER, DEAN KTBS-KWKH, Shreveport, La SCHWARTS, BILL KFWB, Los Angeles, Calif. WNLC. New London, Conn. SCOGGINS, J. P. WFAA, Dallas, Texas, Ar-WFAA, Dallas, Texas, Ar-SCOTT, A. D. WENR-WMAQ, Chicago, Ill. SCOTT, MARTHA ANN WCNC, Elizabeth City, N. C. SEARS, BILL KUTA, Salt Lake City, Utah.

SHACKLEY, GEORGE NBC. National Vespers, Na-tional Radio Pulpit. SHAFFER, ROGER WORD, WSPA, Spartanburg. S. C. SHARP, JACK WCLS, Joliet, III SHAYON, ROBERT L. WOR, Newark, N. J. SHERDEMAN, TED NBC, Brentnous., 1 adv. Studio S-4. Candid Lady, Studio S-4, Latitude Zero, Where and When, Hedda Hopper, Those We Love. SHURICK, EDDIE WLOL, Minneapolis-St. Paul, Minn. SHUTE, JR., ELDEN H. WCOU Lewiston, Me. SIEVERS, ROBERT WGL-WOWO, Ft. Wayne, Ind. WMBS, Uniontown, Pa. SIMMONS, DAVE KDYL, Salt Lake City, Utah. SIMMONS, PAUL WGNY, Newburgh, N. Y. Simmons Singers. SINGLETON, KENNETH WTRC, Elkhart, Ind. SKELTON, KENNETH W. WDAE, Tampa, Fla. SKINNELL, J. P. WMBG, Richmond, Va. SLAGLE, JOHN WXYZ, Detroit, Mich. SLATTERY, E. ('KCH. Hull, Que., Can. SMITH, C. CJAT, Trail, N. C., Can. SMITH, IAN CRY-CBL, Toronto, Ont., Can. SMITH, J. EDWARD WFBC. Greenville, S. C. SMITH, PHIL WKPA, New Kensington, Pa. WKPA, New Reisington, SMITH, WHEELER KOL. Scattle, Wash, SMOCK, BOR WIRE, Indianapolis, Ind. SNOW, BILL WSGN, Birmingham, Ala WSGN, Birmingnam, Ala. SNOWDEN, JR., WILLIAM A. WTAL, Tallahassee, Fla. SNYDER, GEORGE WHLS, Port Huron, Mich. SNYDER, RALPH SNYDER, RALPH
WLAY, Grand Rapide, Mich.
SNYDER, SAM
WHIS, Bluefield, W. Va.
SOPER, HELENE
KTRI, SIOUX City, Ia.
SPARNON, KEN
WHEC, Rochester, N. Y.
SPENCER, BON
WBLJ, Dalton, Ga.
SPENCER, RONNY
KATE, Albert Lea, Minn.
SPIEGLE, STANLEY
KXRO, Aberdeen, Wash,
STANLEY, CLINTON
WENR-WMAQ, Chicako, Ill.
STANLEY, JOHN STANLEY, JOHN WNAC, Boston, Mass STAPP, JACK WCM, Nashville, Tenn.

SEXTON, JACK WTAD, Quincy, III.

STARKS, PRICE
WINN, Louisville, Ky.
STEELE, TED
CBS, Tol Stock Songs,
STEFFY, GEORGE
WAAB, WNAC, Boston, Mass.
STEPP, T. E.
KOA, Denver, Colo.
STERVI, 2215STONE STARKS, PRICE STERNI, GUISEPPE WOV, New York, N. Y. La Rosa Program. ROSA PROGRAM.
STEVENS, CARLYLE
KTUL, Tulsa, Okla
STEVENS, HARMON
WHLS, Port Haron, NEGLENS, HARMON
WHIS, Port Haron, Mich.
STEWART, RALPH E.
WMBI, Chicago, III.
STONE, SHDNEY
WOL, Annes, Jowa.
STRAUSS, WILLIAM D.
WOXR, New York, N. V.
STRICKLER, EDDIE
KOAM Pittsburg, Kions
STUCKWISH, M. II.
WSOY, Decartur, III.
STUDERAKER, G. S.
KUL, Wolla, Walla, Wash
STILIYAN, DOROTHY
WAIM Anderson, S. C.
SI MMERS, LT. THOMAS
WOAR Pontrac, Mich.
SUSSON, E. G.
CBS, Lady Esther Program.
SUTTON, CLAUDE
CHUP, Montrael Quic, Can.
SWEENEY, FLORENCE Mich.

# \_\_ T \_\_

SWEENEY, FLORENCE CKCK, Regma, Sask., Can. SYMMES, BERT

KLS, Oakland, Calif.

TALBOT, CLARENCE KALE Portland, Ore, TANNEHILL, HAROLD KVRS, Rock Springs, V TAYLOR, CLAUDE WLVA, Lynchburg, Va. TEDDLIE, PETE Springs, Wyo. WRR, Dallas, Texas TEDRICK, BILL
KWOC, Poular Buff, Missouri,
TEELA, DICK
RRNT KSO Des Monnes, Iowa,
TEMPLE, GEORGE
CDV-COLL TOWNER, OUL. Can. CBY-CBL. Toronto, Ont. Can. TERRY, BILL WSGN, Birmingham, Ala. THATCHER, JACK KGY, Olympia, Wash. THATCHER, MARY E. THATCHER, MARY E.
WCOP, Rostor, Mass
THOMAS, HARRY
KGGM, Albuquerque, N. M.
THOMAS, LARRY
WDAS, Pulladelphia, Pa
THOMAS, TOMMY
KIRO, Seattle, Wash,
THOMPSON, DON
KGO - KPO, San Francise Francisco. Calif.
THOMPSON, JOHNNY
Dallas, Texas, Arrenger THOMPSON, REO CJCA, Edmonton, Alta., Can. TIMBERG, HERMAN WARM, Seranton, Pa. TINLEY, JR., G. HOWARD WCAO, Baltimore, Md. TODD, ARTHUB TODD, ARTHUR Hamilton, Ont., Can. TOLLIVER, DON
WTMV, East St. Louis, Ul.
TRACY, STERLING

KNX, Los Angeles, Calif.

TREMBLE, SIDNEY RSAL, Salma, Kans. TUCKER, EDWIN WCAM Caniden, N. J. TUCKER, TOMMY WTSP, St. Petersburg, Fla TURNER, GLEN CHAB Moose Jaw. Sask., Can. TURNER, HARRY KOBH, Rapid City, S. D. TURNER, JIM WILL, Bowling Green, Ky. -U-

ULRICH, A. B. WENR-WMAQ. Chicago III. WANK-WANAY, CHICAGO III.
URICH, CARL
WAAF, Chicago, III
URQUHART, CHARLES
WMAQ-WENR, Chicago III. - V -VANCE, KEN WJHO, Opelika, Ala. VANDA, CHARLES

KNX, Los Argeles, C VAN DRIEL, ROBERT KGGM, Albuquerque N. M VAN HAAFTEN, BUD KOB Albuqueran, N. M. VAN SANT, HARRY WINN, Louisville, Ky. VARES, GEORGE WEDU, Chicago, Chicago, 13 VIDOL, WILLIAM
WGH, Newport News, Va.
VON EGGER, HAROLD KGKL, Suc Angelo, Texas. VOI TAS, GEORGE WENR-WMAQ Chicago, Ill.

# — W –

WALL, GILBERT WBEN, Buffalo, N. Y. WALLACE, JACK FEBRE Alulero, Texas. KBRC, Abilere, T WALLIS, EDWARD WIP, Phil., Pa WALLISER, BLAIR WGN, Chicago, IE.
WALSH, ELAINE
CKNX Wingham Out
Kiddies' Party. WALTMAN, LA VELL KROC, Rochester, Minn. WALTON, SIDNEY NBC, Sidney Walton's Music WARD, CHANNING (MRS.) WRNL Richmond, Va. WARD, DAVE WKRC, Chemmati Ohio, WATKINS, DICK KRGV, Wostlaen Texas WATSON, JR., LOREN L. WIS Columbia S. C. WEAVER, MEL WDEV, Waterbury, Vt.

WEGENER, DICK KARM Fresho Calif KARM Fresho WELCH, HOMER KEX-KGW, Portland, Oregon, WELLER, ROSS WSAY, Rochester, N. Y. WELLS, JACK CFQC, Saskatoon, Sask., Can.

CFQC, Saskatoon, Sask,, Ci WERLING, RUPE WIBG, Glenside, P.a. WERTZ, HOYT WIBW, Topeka, K.ars, WEST, P.M.L KSFO, San Francisco, Calif

WESTER, CARL
Woman in White, CBS, Road
of Life, NBC CBS,

WETZEL, MAURICE WMAQ-WENR, Chicago, III, WETZLER, JOSEPHINE WMBD, Peoria, III. WHEELER, GEORGE W R C - W M A L. Washington. WHITE, PAT KWKH-KTBS, Shreveport, La. WHITE, ROBERT WENR WMAQ, Chicago, 10, WHITESCARVER, WILDA KCKN, Kansas City, Kans WHITWORTH, RAY KVWC, Vernon, Texas.
WIDNEY, STAN
WHO, Des Momes, Iowa,
WIGGINS, WALLACE
KVOE, Santa Ana, Calif. WIGHENS, WARRANDERS, WARRANDERS, SINTA ANA, CARREL WIGHT, H. B. WCAX, Burlington, Vt. WIKLUND, T. O. CBYCERL, Toronto Ont., Con. WILBUR, CRANE CBS. Big Town. CBS. Big Town.
WILDE, L.
WIL, St. Louis, Mo.
WILHELM. GEORGE
WILKINSON, STEVEN
KMPC Beverly Hills. Policewoman Christie Policewoman Christic
WILLIAMS, MARYNELL
WRNL, Richmond, Va.
WILLIAMS, MILDRED E.
WTAL, Tallahasse, Fl.
WILLIAMS, ROLLIE
KMOX, St. Louis, Mo.
WILLIS, J. FRANK
CBY-CRL Toronto Out, Can
WILSON, BOB
WADC, Akron, Ohio,
WILSON, BOB
WGL-WOWO, Ft, Wayne, Ind.
WILSON, FRED WILSON, FRED
WTAM, Cleveland, Ohio,
WOLEVER, JACK J.
KWFC, Hot Springs Ark
WOLFE, EDWIN WOLLE, EDWIN
NBC, Depager Young's Family,
WOOD, BARRY
CKCK, Regina, Sask. Can,
WOOLF, JOHN M.
KDYL, Solt Lake City Utch,
WORCESTER, CHARLES
WNAX, Yankton, S. D.
WRIGHT, JOHN H.
WEIGHT, JOHN H. WRIGHT, JOHN H.
WBZ, WFZA, Boston - Spring
field Mass,
WRIGHT, MEL
KLO, Ogden, Utah,
WYANT, DALLAS
WCMI, Ashland, Ky. WYLY, RUSSELL WMBD, Peoria, III. - Y -

VANDON, DEL KFPY, Spokane, Wash, Ar-ranger Morning Neighbors, This Woman's World, Studio Party, Sy Swing Trio. Swingstrumentalists,

# 

ZELLMER, LESTER WTRC, Elkhart, Ind. ZIEBARTII, E. W. WLB, Minneapolis, Minn. ZINK, ALBERT WEBR, Buffalo, N. Y. ZITCER, AL KYA, San Francisco, Calif.



# M U S I C A L D I R E C T O R S O F S T A T I O N S



—A Nation Wide Listing

Arranged According to States

and Stations.

# MUSICAL DIRECTORS OF STATIONS IN THE UNITED STATES



A	ı_	٨.	ma	
_	ın	na	mc	2

Bichingham.
WAPI
WBRC Herbert C. Grieb
Decatur, WMSLJohn Boggess
Mobile, WALAJack Lewis
Montgomery,
WCOV Weston Britt
WSFA E. Caldwell Stewart
Muscle Shoals, WMSD James Connolly
Tuscaloosa, WJRD

# Arizona

Globe,	KWJB.		 		Llgin	McCarty
Phoeni						
KOY			 		. Alfred	Becker
KTA	R		 		. Paul	Giroux
Presen	u, KYC	١	 		Art	Willcox
Safford	l, KGLU		 		. Alber	ta Hunt
Tuesor	i, KTUC		 	1	Keith I	loftfi∈ld
Yuma,	KYUM.		 		Irene	Belzer

# Arkansas

Fort	Smith.	KFPW	 			. Afton	Blake
Hot	Springs.	KWFC	 	 	 	. Doc	Warren
Little	Rock.	KARK	 	 -		Pat	ıl Godi

# California

...Rex Corey

Chico, KHSL
Eureka, KIEM James Fasullo
Fresno, KARM,Jack Clawson
Long Beach, KFOX Rolly Wray
Los Angeles,
KECA
KFAC
KFI
KFWBLeon Leonardi
KHJDave Rose
KMTRSalvatore Santaella
KNXLud Gluskin
KRKD Salvatore Santaella
Marysville, KMYCRobert Hambly
Oakland, KROWEdward House
Pasadena, KPPC Leon Hall
Sacramento,
KFBK
KROY Garland Schuler
San Diego, KGB George Bacon
San Francisco.
KFRCCy Trobbe
KSFO
KYA Edward Fitzpatrick
San Jose, KQW
Santa Rosa
Visalia, KTKCJerry Irwin
Watsonville, KHUB

# Colorado

Colorado Denver.	Springs.	KVOR		Duane (	Osborn
KLZ.	Mi	lton Shree	drik and	Chester	Smith
KVOD.			· · · · · ·	J. E.	Finch

# Connecticut

Bridgeport, WICC
Hartford,
WDRC Sterling V. Couch
WTHT
WTIC Moshe Paranov
New Haven, WELL, Marion J. Reynolds
New London, WNLC Richard Benyenuti
Waterbury, WATR Edith Lacco
Waterbury-New Haven WBRY. Waldo S. Newbury

# District of Columbia

Vashingto	'n	١.												
WINX.			 	 									Hob Callal	nan
WMAL.													. Morgan B	aer
WOL			 				į,						. Frank B	ar
WRC			 										Morgan B	aer

# Florida

Fort Meyers, WFTM Barbara Brady
Gamesville, WRUF Elizabeth Tew
Jacksonville, WJHP
Lakeland, WLAK Elvan B. Wilson
Miami Beach, WKATBetty Lee Taylor
Ocala, WTMC Charles Beresford, Jr.
Orlando, WDBO
Panama City, WDLP Fred Phillips
Pensacola, WCOA Ray Rogers
St. Petersburg,
WSUN Edith Gum
WTSP Keeta Martin

Tampa, WDAE..... ..... . M. E. Plattner ..... Frank Grasso

# Georgia

Atlanta,					
WATL				Ken	Keesc
WGST			<b></b>	Lola 1	Wallace
				Earl	
August, WF	inw			Pat	al Reed
Brunswick,	w Mog			. Herman	Lange
Macon,					
WBML.			Mary	Hester Rich	nardson
WMAZ		<b>.</b>	A	lhe V. W	illiams
Savannah,					

WSAV... ..... Electa Robertson WTOC... ........ Dwight J. Bruce

Idaho	Kansas City, KCKN
Boise, KIDO	Salina, KSAL
Pocatello, KSEIRuthe A. Fletcher	Topeka, WIBW
Twin Falls, KTF1	KANS Raymond Shelley
•	KFBIFrank Chiddin
Illinois	•
Aurora, WMROMary Louise Brown	Kentucky
WAAFJames Kozak	Louisville, WAVEClifford Shaw
WBBMCaesar Petrillo	WHAS Robert Hutsell
WCFLJohn F. Kelly WEDCWilliam P. Brady	WINN
WENR	Paducah, WPAD Ernest Pell
WGES Irma Gareri	_
WGN. Henry Weber WJJD. Ben Kanter	•
WMAQRoy Shield	Louisiana
WSBC	
ecatur, WSOYE, C. Deffenbaugh	Alexandria, KALB
ast St. Louis, WTMV Doyle Blackard	Monroe, KMLB. Molba Henry
arrisburg, WEBQ	New Orlcans,
ockford, WROKFlorence L. Shugars	WSMB
ock Island, WHBFLucia Thompson pringfield, WCBSJohn Geil	
uscola, WDZ	•
rbana, WILL Lauson F. Demming	Maine
•	Bangor, WABI Harold Dorr
Indiana	Lewiston, WCOI Bertrand Cote Portland, WCSH Wally Harwood
lkhart, WTRCEthel Geiss	•
WGLJeane Brown	Manueland
WOWOJeane Brown	Maryland
ry, WIND	Baltimore, WBALRuffino Iula
WHIP Reinhardt Elster	WCAOJohn Varney
WJOBJoseph Gibbs Spring dianapolis.	WCBMJack Rohr WFBRJoseph Imbroglio
WERM Walter H Repleaux	Frederick, WFMD
WIBC, Harry Adams	Hagerstown, WJEJCharles Cassel
WIRE Harry Bason uncie, WLBC Carl Noble	•
ew Albany,	
WGRC (Louisviile Ky.) Isabel Schroeder outb Bend.	Massachusetts
WFAM Harlan Hogan	Boston,
WSBT	WAAB Francis J. Cronin WBZ & WBZA Avner Rakov
Terre Hante, whow	WCOPSidney P. Reinherz
•	WEEI C. R. Hector WHDH Kenneth Wilson
	WMEXAlexander Thiede
lowa	WNAC Francis J. Cronin
mes, WOI	WORL
dar Rapids & Waterloo.	Springfield, WMASPaul Pelletier
WMT Douglas B. Grant avenport, WOC Pat Maynard	Worcester, WTAGOnell Smith
ecoral, KWLC Prof Theodore Nickel	•
oes Moines.	
KRNT Dick Teela	Michigan
KSO	Detroit,
KSODick Teela ubuque, WKBBGleason Kistler	
ubuque, WKBB	WJBK Sybil Krieghoff WJR Samuel Benavio
KSO Dick Teela by bubuque, WKBB. Gleason Kistler butumwa, KBIZ. Stan Corley henandoah, KMA Faylon Geist loux City, KSCJ Everret Timm	WJBK Sybil Krieghoff WJR. Samuel Benavio WMBC Herbert Mertz
ubuque, WKBB. Gleason Kistler ttumwa, KBIZ. Stan Corley henandoah, KMA. Faylon Geist	WJBK Sybil Krieghoff WJR Samuel Benavio WMBC Herbert Mertz WWJ Mischa Kottler
ubuque, WKBB. Gleason Kistler tumwa, KBIZ. Stan Corley henandoah, KMA. Faylon Geist	WJBK Sybil Krieghoff WJR Samuel Benavio WMBC Herbert Mertz
ubuque, WKBB	WJBK Sybil Krieghoff WJR Samuel Benavio WMBC Herbert Mertz WWJ Mischa Kottler WXYZ Benny Kyte Flint, WFDF William Geyer Grand Rapids.
ubuque, WKBB. Gleason Kistler ttumwa, KBIZ. Stan Corley thenandoah, KMA. Faylon Geist ioux City, KSCJ. Everret Timm	WJBK Sybil Krieghoff WJR Samuel Benavio WMBC Herbert Mertz WWJ Mischa Kottler WXYZ Benny Kyte Flint, WFDF William Geyer Grand Rapids.
ubuque, WKBB	WJBK Sybil Krieghoff WJR Samuel Benavio WMBC Herbert Mertz WWJ Mischa Kottler WXYZ Benny Kyte Flint, WFDF William Geyer Grand Rapids WLAY Lew Stubman WOOD-WASH Sandy Meek Jackson, WIBM William Ctzek
ubuque, WKBB. Gleason Kistler ttumwa, KBIZ. Stan Corley henandoah, KMA. Faylon Geist ioux City, KSCJ. Everret Timm  Kansas	WJBK Sybil Krieghoff WJR. Samuel Benavio WMBC Herbert Mertz WWJ. Mischa Kottler WXYZ Benny Kyte Flint, WFDF William Geyer Grand Rapids. WLAV Lew Stubman WOOD-WASH Sandy Meek

Minnesota	New York
Albert Lea, KATE Helen Davis buluth, WERC John Kleive Mankato, KYSM Maurice Piche Mancapodis-St. Pand, KSTP Leonard Leigh	Albany.         Carl Mille           WARY.         Carl Mille           WOKO.         Carl Mille           Bunchaniton, WNRF.         Efizabeth Lamb           Brouklyn         Carl Mille
WDGY         Carl Johnson           WLB         Lefand B. Suprem           WLOL         Verne Rooney           WMIN         Lallian Jones	WARD   Jeanette Fleischman   Wilder   Karl Klein   WebW   Roger Wayn   WVFW   Liftan Delson   Liftan Delson
Northfield, WCAL Oscir R. Overby Rochester, KROC William Nevide Winona, KWNO. Margaret Johnson	8 iffalo, WHEN Robert Armstrom WHNY Arthur Crossor
•	WEBR
Mississippi	Elmira, WENY
Columbus, WCBI Annie Pearl Ferzuson Jackson, WSLI George Philip McComb, WSKB George Medaille	Newburgh, WGNY, Jack Statesburg New York WBNX, Fred Mendelsolm WEAF, Frank Black WEVD, Vladimir Holtely
Missouri	WHY Don Albert WINS Hank Sylvern WJZ Frank Black
Cape Greardeau, KUVSVieginia Balin	WMCA Joe Rines
Clayton, KFUO Hilmar Resembers Columbia, KFRU Carl Stepp Kansas City, KM3C P. Hans Flath Poplar Bluff, KW0C Lola Sechrest	WMCA Joe Rines WNEW Merle Pitt WNYC Herman Neuman
Kan-as City, KMBC	WQXREddy Brown
Poplar Bluff, KWOC Lola Sechrest St. Louis.	Niagara Falls, WHLD Ernic Whistler Ogdensburg, WSLB Ted Jarvis
KMOX. Ben Feld KWK. Al Sarli	Olean, WHDL Elizabeth Brady Plattsburg WMFF. Don Hart
KXOK Stanley W. Daugherty WUW Ralph Stein WIL Allister Wylie Sestein KDRO William Dans	Platt-burg WMFF. Don Hart Rochester. Ken Sparnon WHEC. Ken Sparnon WSAY Betty Brown
•	Symmuse, WFBL Theima MacNetl Curren WOLF Rob Riddle
Montana	WSVR
Great Falls, KFBB. Roscoe Kernan Missoutt, KGVO Margaret Castle Wolf Point KGCX Skeets Shaw	WHAZ A. Olin Niles WTRY Tony Sharpe Uties, WHX Walter Griswold White Plans, WFAS Ran Kaler Woodside, WWRL Adolph Gobel
Nebraska	Woodside, WWRL Adolph Gobel
Fremont, KORN Fred Christensen	•
Omaha, WOW Fred Ebener	
•	North Carolina
New Hampshire	Asheville WWNC. John Eversman Charlotte WSOC. Boc Norris
Caconia, WLNH	Durham, WDNC Robert Stratton Enzabeth Cry WCNC Paul Moyle Favetteville WFNC Bob Machat God-Isboro WGER Mrs. John Morris Greenville WGTC J. D. Simpson, Jr.
New Jersey	Raleigh, WRAL, William M. Parker Wilmington, WMFD, R. H. Bowden
Asbury Park, WCAP George Howard vilantic City, WFPG Harold Stephens randen, WCAM, E Nelson Layman ersey City, WHOM, Joseph DeLuca	Wilson, WGTM. Alberta Carr Winston-Salem, WATR. Charles Keaton WSJS. Elsie Tuttle
Newark, WOR	•
• New Mexico	North Dakota
New Mexico	Devils Lake, KDLR. Kermit Myhre Grand Forks, KFIM Blanche Warnken Mandan, KGCU Russ Kaber

Ohio	South Carolina
Akren, W.IW	Anderson, WAIM Dan Ferguson Charleston, WUSC Thomas L. Means WIMA Kenneth Dent
WCKY         Rex Davis           WCPO         Jesse Walker           WKRC         Ruth Lyons           WLW         William Stocs           WSAL         William Stocs           Cleveland         William Stocs	Columbia, WCOS
WCLE. Williard Pott WGAR. Walberg Brown WHK. Williard Pott WTAMLee Gordon Columbus.	• South Dakota
WENS Lower Riley WHRC John Agnew WOSU Ann Charles Dayton.	Watertown, KWAT
WHIO Heavy Lange WING Charles Reeder Manstie d. WMAN Earl Black Zanesville, WHIZ James Minium	Tennessee
Oklahoma  Ardmore, KVSO Dolly Durton Eik City, KASA F. Leon Deam Enid, KCit Mabel Waken Oklahoma City, KOCY Frances Lester WKY Allan Clark Tulsa, KTUL Lalian Smithling KVOO Joe O'Neni	Bristol, WOPI Fey Rogers Chattanooga, WAPO Jimmy Johnston WDOD Bob Barrett Cookeville, WHU'B Willene Huddle-ston Jackson, WTJS James Allen Knoxytile, WNOX Jerry Collins Memphas wMt Leonard McEwen Nashville, WLAC Charles Nagy WSIX Thomas J MacWilliams WSM P Breseia and Beasly Smith
•	Texas
Oregon  Gracus Pass, KUIN	Amarillo, KFDA Audre Lipseomb KGNC Eddie Baumel Aastin, KNOW Margaret Johnston Beanmont KFDM George W. Caldwell Big Spring, KBST Lon Palmer Dallas. KRLD Hyman Charninsky WFAA Karl Lampertz WRR Murray Lambert El Puso, KROD HI Arthur Brown Fort Worth, KFJZ George McCullough Houston, KPAB Adalande Bunn Lurbbeck, KFYO Burnie Howell Palestine, KNET Leland Adams Pampa, KPON Ken Bennett Peoos, KICN Paul Cox
WCAU Joey Kearns WDAS Juseph Schreibman WFIL Norman Black WIP Joe Fracetto WPEN Joseph Fransoza Pitt-burgh KUKA Bernie Armstrong WCAE Earl Trancil WJAS James Hughes WWSW Walter E Sickles Scranton WARM Eadward Custek Uniontown WMBS J Suilhyan Sages Wilkes-Barre WBAX Ken Beghold	Port Arthur, RPAC Jimmie Hart San Augeau, KoKl. Lynn Bider San Augeau, KoKl. Lynn Bider San Automo, KTSA. Rex L. Preis WOAL Dwight Bourn Sherman, KRRV Lottis Cobbler Tyler, KGKB. Pauline Park Vernon, KVWC Ray Whitworth Waco, WACO, Many Holiday Wichita Falls, KWFT Lucille Crouch
WBRE Louis Savitt	Utah
Providence. WEAN Marion Thomas WJAR Earl Shean WPRO Edwin F. Drew	Cedar City, KSUB         Incz Corry           Ogden, KLO         Ed Berry           Priec, KEUB         Jack Richards           Salt Lake City         By" Woodbury           KDYL         By" Woodbury           KSL         Gene Halfiday           KUTA         Paul Alexander           831

Vermont	Territory of Hawaii
Waterbury, WDEV	Honolulu, KGMBAl Kealoha Perry
•	•
Virginia	Puerto Rico
Danville, WBTM	Mayaguez, WPRACelso Torres
Newport News, WGH	CANADA
WMBG         J. Yellen           WRVA         E. D. Naff           toanoke.         WDRJ           Mary Henson	Alberta
WSLS John Kirk uffolk, WLPM Ken Beavers	Calgary, CFAC         J. Toulson           Edinonton,         CFRN           CFRN         R. Jacobs
•	CJCA. R. Taylor Grande Prairie, CFGP. Juck Soars
Washington	•
Aberdeen, KXROStan Spiegle	British Columbia
Everett, KRRO. P. A. Mudgett Longview, KWLK. Dorothy Atkinson Seattle. Don Isham	Chilliwack, CHWK. Jack Bartindale Kamloops, CFJC. B. P. Cuff Kelowna, CKOV. R. E. Misener
KRSC         Jack Meves           Spokane,         James B. Clark           KFPY         James B. Clark           KHQ         Earl Shinkoskey	Vancouver,         Wallie Peters           CJOR.         R. Wright           CKMO.         R. Wright           CKWX.         F. C. Bass
Facoma,	•
KMO Marion Kay KVI Jane Powers Walla Walla, KUJ Roy Dorr	Manitoba
fakima, KIT	Winnipeg. CJRC. W. Wilson
•	CKY P. H. Richardson
West Virginia	•
Bluefield, WHIS	Nova Scotia
Cairmont, WMMN Henry Gruner Juntington, WSAZ Frank Knutti Logan, WLOG Quinnelle Vann Morgantown, WAJR Elsie Thomas	Halifax, CHNS
Parkersburg, WAPRSarah L. Heermans Heck Welch, WBRWJoe Herget	Ontario
Williamson, WHTH Freda Wikehart	Hamilton, CKOC
	Owen Sound, CFOS
Wisconsin	Stratford, CJCSC. Trethowey Sudbury, CKSOWilliam Valentine
Fond du Lac, KFIZ Lueille Fairbanks Freen Bay, WTAQ Herman Daumler La Crosse, WKBH Gene Mendez Mailson.	Timmins, CKGB. Ted Earle Toronto, CFRB. Roy Lockeley Wingham, CKNX. Harold Victor Pym
WHA	•
Marinette, WNAM	Quebec
WEMP Florence B. Kelly WISN Elmer Krebs	Hull, CKCH
WTMJ Witham J. Benning Wausau, WSAU Vern Peterson	Quebec, J. M. Beaudet CBV. J. Gaston Voyer
•	CKCV Edwin Belanger Rouyn, CKRN John Hogue
· ·	
Wyomina	•
Wyoming Cheyenne, KFBC	Saskatchewan
	Saskatchewan  Moose Jaw. CHAB. J. S. Buyling Prince Albert. CKBL. G. Dobson
	Saskatchewan  Moose Jaw. CHABJ. S. Buyling

# Rules And Regulations Of F. C. C. Regarding Production By Radio Broadcast Stations

As of January 1, 1941

### GENERAL

Except Sundays, the licensee of each standard broadcast station shall maintain a minimum operating schedule of twothirds of the total hours that it is authorized to operate between 6 a.m. and 6 p.m., local standard time, and two-thirds of the total hours it is authorized to operate between 6 p.m. and midnight, local standard time, except that in an emergency when, due to causes beyond the control of the licensee, it becomes impossible to continue operating the station may cease operation for a period of not to exceed 10 days, provided that the Commission and the inspector in charge shall be notified in writing immediately after the emergency develops.

The licensee of each standard broadcast station shall operate or refrain from operating its station during the experimental period as directed by the Commission in order to facilitate frequency measurement or for the determination of interference. (Stations involved in the after-midnight frequency monitoring programs are notified of their operating and

silent schedule.)

If the license of a station specifies the hours of operation, the schedule so specified shall be adhered to except as otherwise prescribed in the rules herein stated.

Share-Time Stations

If the licenses of stations authorized to share time do not specify hours of operation, the licensees shall endeavor to reach an agreement for a definite schedule of periods of time to be used by each. Such agreement shall be in writing and each licensee shall file the same in triplicate original with each application to the Commission for renewal of license. If and when such written agreements are properly filed in conformity with this rule the file mark of the Commission will be affixed thereto, 1 copy will be retained by the Commission, 1 copy forwarded to the inspector in charge, and 1 copy returned to the licensee to be posted with the station license and considered as a part thereof. If the license specifies a proportionate time division, the agreement shall maintain this proportion. If no proportionate time division is specified in the license, the licensees shall agree upon a division of time. Such division of time shall not include simultaneous operation of the stations unless specifically authorized by the terms of the license.

For the purpose of determining the proportionate division of time of the broadcast day for sharing time stations one night hour shall be considered the

equivalent of two day hours.

If the license of a station authorized to share time does not specify the hours of operation, the station may be operated for the transmission of regular programs during the experimental period provided an agreement thereto is reached with the other stations with which the broadcast day is shared and further provided such operation is not in conflict with the rule of operation during experimental periods herein stated. Time sharing agreements for operation during the experimental period need not be submitted to the Commission.

Departure from the regular operating schedule set forth in a time-sharing agreement will be permitted only in cases where an agreement to that effect is reduced to writing, is signed by the licensees of the stations affected thereby and filed in triplicate by each licensee with the Commission prior to the time of the proposed change. If time is of the essence, the actual departure in operating schedule may precede the actual filing of written agreement, provided appropriate notice is sent to the Commission and the inspector in charge.

If the licensees of stations authorized to share time are unable to agree on a division of time, the Commission shall be so notified by statement to that effect filed with application for renewal of licenses. Upon receipt of such statement the Commission will designate the applications for a hearing, and pending such hearing, the operating schedule previously adhered to shall remain in full

force and effect.

# **Limited Time Stations**

If the licensee of a broadcast station is required to commence or cease operation of the station at the time of sunrise or sunset, the license will specify the hour of the day during each month of the license period when operation of such station will commence or cease.

The licensee of a secondary station authorized to operate limited time and which may resume operation at the time the dominant station or stations on the same channel ceases operation shall, with each application for renewal of license, file in triplicate a copy of its regular operating schedule, bearing a signed notation by the licensee of the dominant station of its objection or lack of objection thereto. Upon approval of such operating schedule, the Commission will affix its file mark and return 1 copy to the licensee authorized to operate limited time which shall be posted with the station license and considered as a part thereof. Departure from said operating schedule will be permitted only in accordance with the procedure set forth in these rules.

If the licensee of a secondary station authorized to operate limited time and a dominant station on a channel are unable to agree upon a definite time for resumption of operation by the station authorized limited time, the Commission shall be so notified by the licensee of the station authorized limited time. After receipt of such statement the Commission will designate for hearing the applications of both stations for renewal of license, and pending the hearing the schedule previously adhered to shall remain in full force and effect.

## Material Term of License Violations

In all cases where a station licensee is required to prepare and file an operating schedule, any deviation or departure from such schedule, except as herein authorized, shall be considered as a violation of a material term of the license.

All references herein to standard time or local standard time refer to local standard time as determined and fixed by the Interstate Commerce Commission.

# Time Changes

If local time is changed from standard time to daylight-saving time at the location of all stations sharing time on the same channel, the hours of operation of all such stations on that channel shall be understoood to refer to daylightsaving time, and not standard time, as long as daylight-saving time is observed at such locations. This provision shall govern when the time is changed by provision of law or general observance of daylight-saving time by the various communities, and when the time of opera-tion of such stations is specified in the license or is mutually agreed upon by the licensees: Provided, however, That when the license specifies average time of sunset, local standard time shall be observed and in no event shall a station licensed for daytime only operate on regular schedule prior to 6 a.m. local standard time or shall a station licensed for greater daytime power than night-time power operate with the daytime power prior to 6 a.m. local standard time.

Where the local time is not changed from standard time to daylight-saving time at the location of all stations sharing time on the same channel, the hours of operation of such stations shall be understood to have reference to standard time, and not daylight-saving time, unless said licensees mutually agree upon a new schedule which shall be effective only while daylight-saving time is observed at the locations of some of these stations.

The time of operation of any broadcast station which does not share time with other stations on the same channel shall be understood to have reference to local standard time unless modification of such license with respect to hours of operation is authorized by the Commission.

### Station License

The station license and any other instrument of authorization or individual order concerning construction of the equipment or the manner of operation of the station shall be posted in a conspicuous place in the room in which the transmitter is located in such manner that all terms thereof are visible and the license of the station operator shall be posted in the same manner.

The licensee of each station shall have a licensed operator or operators of the grade specified by the Commission on duty during all periods of actual operation of the transmitter at the place where the transmitting equipment is located.

The licensed operator on duty and in charge of a standard broadcast transmitter may, at the discretion of the licensee, be employed for other duties or for the operation of another radio station or stations in accordance with the class of operator's license which he holds and by the rules and regulations governing such other stations: Provided, However, That such duties shall in no wise interfere with the proper operation of the standard broadcast transmitter.

# Logs

The licensee of each broadcast station shall maintain program and operating logs and shall require entries to be made as follows:

### A. In the Program Log

a. An entry of the time each station identification announcement (call letters and location) is made.

and location) is made.

b. An entry briefly describing each program broadcast, such as "music," "drama," "speech," etc., together with the name or title thereof, and the sponsor's name, with the time of the beginning and ending of the complete program. If a mechanical record is used, the entry shall show the exact nature thereof such

as "record," "transcription," etc., and the time it is announced as a mechanical record. If a speech is made by a political candidate, the name and political affiliations of such speaker shall be entered.

c. An entry showing that each sponsored program broadcast has been announced as sponsored, paid for, or furnished by the sponsor.

# B. In the Operating Log

a. An entry of the time the station begins to supply power to the antenna. and the time it stops.

b. An entry of the time the program

begins and ends.

c. An entry of each interruption to the carrier wave, its cause and duration.

d. An entry of the following each 30

minutes:

(1) Operating constants of last radio stage (total plate current and plate voltage).

(2) Antenna current.

(3) Frequency monitor reading.

(4) Temperature of crystal control chamber if thermometer is used.

e. Log of experimental operation during experimental period (If regular operation is maintained during this period, the above logs shall be kept).

(1) A log must be kept of all operation during the experimental period. If the entries required above are not applicable thereto, then the entries shall be made so as to fully describe the operation.

Logs of standard broadcast stations shall be retained by the licensee for a period of two years except when required to be retained for a longer period in accordance with the provisions of the rules pertaining to logs involving communications incident to a disaster or incidents to or involved in an investigation by the Commission and concerning which the licensee has been notified, in which case they shall be retained by the licensee until specifically authorized in writing by the Commission to destroy them; Provided, further. That logs incident to or involved in any claim or complaint of which the licensee has notice, shall be retained by the licensee until such claim or complaint has been fully satisfied or until the same has been barred by statute limiting the time for

### Station Identification

the filing of suits upon such claims.

A licensee of a standard broadcast station shall make station identification announcement (call letters and location) at the beginning and ending of each time of operation and during operation on the hour and half hour as provided below:

Such identification announcement during operation need not be made when to make such announcement would interrupt a single consecutive speech, play, religious service, symphony concert or operatic production of longer duration than thirty minutes. In such cases the identification announcement shall made at the first interruption of the entertainment continuity and at the conclusion of such program.

In case of variety show programs, baseball game broadcasts, or similar programs, of longer duration than thirty minutes, the identification announcement shall be made within five minutes of the

hour and half hour.

In case of all other programs (except provided in the rules stated herein) the identification announcement shall be made within two minutes of the hour and half-hour.

In making the identification announcement, the call letters shall be given only on the channel of the station identified thereby

Mechanical Reproduction

Each broadcast program consisting of a mechanical record, or a series of mechanical records, shall be announced in the manner and to the extent set out below:

- 1. A mechanical record, or a series thereof, of longer duration than thirty minutes, shall be identified by appropriate announcement at the beginning of the program, at each thirty minute interval, and at the conclusion of the program; provided, however, that the identifying announcement at each thirty minute interval is not required in case of a mechanical record consisting of a single, continuous, uninterrupted speech, play, symphony, concert or operatic production of longer dura-
- tion than thirty minutes;
  2. A mechanical record, or a series thereof, of a longer duration than five minutes and not in excess of thirty minutes, shall be identified by an appropriate announcement at the beginning and end of the program;

3. A single mechanical record of a duration not in excess of five minutes, shall be identified by appropriate announcement immediately preceding the

use thereof:

- In case a mechanical record is used for background music, sound effects, station identification, program identification (theme music of short duration) or identification of the sponsorship of the program proper, no announcement of the mechanical record is required.
- 5. The identifying announcement shall accurately describe the type of me-

chanical record used, i.e., where a transcription is used it shall be announced as a "transcription" or an "electrical transcription" and where a phonograph is used it shall be announced as a "record."

Rebroadcast Programs

(a) The term "rebroadcast" means reception by radio of the program of a radio station, and the simultaneous or subsequent retransmission of such program by a broadcast station. (In case a program is transmitted from its point of origin to a broadcast station entirely by telephone facilities in which a section of such transmission is by radio ,the broadcasting of this program is not considered a rebroadcast.)

(b) The licensee of a standard broadcast station may, without further authority of the Commission, rebroad-cast the program of a United States standard broadcast station, provided the Commission is notified of the call letters of each station rebroadcast and the licensee certifies that express authority has been received from the licensee of the station originating the program. (The notice and certification of consent shall be given within three (3) days of any single rebroadcast, but in case of the regular practice of rebroadcasting certain programs of a standard broadcast station several times during a license period, notice and certification of consent shall be given for the ensuing license period with the application for renewal of license, or at the beginning of such rebroadcast practice if begun during a license period).

(c) The licensee of a standard broadeast station may, without further authority of the Commission, rebroadcast a noncommercial program of an international broadcast station, provided the Commission is notified of the call letters of each station rebroadcast and the licensee certifies that express authority has been received from the licensee of the station

originating the program.

(d) No licensee of a standard broad-cast station shall rebroadcast the program of any other class of United States radio station without written authority having first been obtained from the Commission upon application accompanied by written consent or certification of consent of the licensee of the station

originating the program.

(e) In case of a program rebroadcast by several standard broadcast stations such as a chain rebroadcast, the person legally responsible for distributing the program or the network facilities may obtain the necessary authorization for the entire rebroadcast both from the Commission and from the person or licensee of station originating program.

Attention is directed to Section 325 (b) of the Communications Act of 1934, which reads as follows:

"No person shall be permitted to locate, use or maintain a radio broadcast studio or other place or apparatus from which or whereby sound waves are converted into electrical energy, or mechanical or physical reproduction of sound waves produced, and caused to be transmitted or delivered to a radio station in a foreign country for the purpose of being broadcast from any radio station there having a power output of sufficient intensity and/or being so located geo-graphically that its emissions may be received consistently in the United States, without first obtaining a permit from the Commission upon proper application thereof."

## Political Broadcasting

No station licensee is required to permit the use of its facilities by any legally qualified candidate for public office, but if any licensee shall permit any such candidate to use its facilities, it shall afford equal opportunities to all other such candidates for that office to use such facilities, provided that such licensee shall have no power of censorship over the material broadcast by any such candidate. The following definitions shall apply for the purpose of this rule: a. 'A legally qualified candidate' means any person who has met all the requirements prescribed by local, state or federal authority, as a candidate for the office which he seeks, whether it be municipal, county, state or national, to be determined according to the applicable local laws. b. 'Other candidates for that office' means all other legally qualified candidates for the same public office.

The rates, if any, charged all such candidates for the same office, shall be uniform and shall not be rebated by any means, directly or indirectly; no licensee make any discriminations charges, practices, regulations, facilities or services for or in connection with service rendered pursuant to these rules, or make or give any preference to any candidate for public office or subject any such candidate to any prejudice or disadvantage; nor shall any licensee make any contract or other agreement which shall have the effect of permitting any legally qualified candidate for any public office to broadcast to the exclusion of other legally qualified candidates for the same public office.

Every licensee shall keep and permit public inspection of a complete record of all requests for broadcast time made by or on behalf of candidates for public office, together with an appropriate notation showing disposition of such requests.



# P R O G R A M S O F 1 9 4 0



Major Networks

COMMERCIAL

Major Networks
SUSTAINING

Outstanding Local Programs
of Stations Everywhere

# A COMPLETE LISTING OF MAJOR NETWORK ---COMMERCIAL PROGRAMS OF 1940 ----

Following is a complete listing of all national network commercial programs beard during the twelvemonth period ending Jan. 1, 1941. Listing includes in addition to the program title, network, sponsor, product and agency bandling the account. Compiled through the cooperation of NBC, CBS and MBS.

Abbreviations: PC. Pacific Coast; LS, Locully Sponsored. Boxing Bouts (Madison Square Garden and Outdoor) Smilin' Ed McConnell PROGRAM

Acme White Lead and Color Works

ADVERTISER and PRODUCT

NETWORK

ADVERTISING AGENCY

Henri Hurst & McDonal

Glicksman Advertising Co.

NBC-Blue

Blackett-Sample-Hummert

CBS

The Romance of Helen Trent

Sidney Walton, Music Happy Jim Parsons Voice of Experience No Greater Glory

Air Conditioning Training Corp.

Correspondence School

Albers Bros. Milling Co.

Fdra Walace Hopper and

Affiliated Products, Inc.

838

Adam Hat Stores

Paints & Lin-x

Louis Philippe, Cosmetics

NBC—Blue NBC—Blue

NBC-PC NBC-PC CBS-PC NBC-PC

National Classified Advertising Agency National Classified Advertising Agency

Erwin, Wasey & Co. Erwin, Wasey & Co. Erwin, Wasey & Co. Erwin, Wasey & Co.

Adventures of Dr. Hunt

American Radio Warblers Mine To Cherish

American Bird Products, Inc.

Bird Food

Wake Up America American Economic Foundation

American National Bank of Denver American Oil Co. Institutional

Banking

American Safety Razor Co. Gas and Oil

MBS-LS Fulton Lewis, Jr.

The Human Side of the News

The Preakness (Horse Race)

Wythe Williams, As The

**Clock Strikes** 

Joseph Katz Co. Joseph Katz Co. CBS NBC—Red

Federal Advertising Agency

Raymond Keane Advertising Agency

Bayless-Kerr Co. Weston-Barnett

MBS

RETWORK ADVERTISING AGENCY CBS Lord & Thomas and MBS NBC—Red Lord & Thomas	CBS	CBS Blackett-Sample-Hummert NBC—Blue Blackett-Sample-Hummert NBC—Red Blackett-Sample-Hummert and Blue	ts CBS N. W. Ayer & Son	CBSPC McCann-Erickson, Inc. and Weiss & Geller	- <b></b>	NBC—Red Blackett-Sample-Hummert and Maxon, Inc.	NBC-PC Charles R. Stuart, Advertising	NBC-PC Charles R. Stuart, Advertising	MBS—LS Direct	MBS—LS George F. Racette	ting CBS—PC H. M. Kiesewetter Advertising Agency	CBS Blackett-Sample-Hummert MBC—Red Blackett-Sample-Hummert NBC—Red Blackett-Sample-Hummert	Sam Baiter and MBS Ivey & Ellington Commentators)	MBS Lord & Thomas
PROGRAM Your Hit Parade Kay Kyser's College of Musical Knowledge	Ben Bernie and All the Lads	Our Gal, Sunday Easy Aces Just Plain Bill	Football Broadcasts	Bob Garred		David Harum	Passing Parade	John Nesbitt	The Shadow	Fulton Lewis, Jr.	Bob Garred Reporting	Second Husband American Album of Familiar Music Young Widder Brown	Inside of Sports (Sam Balter and Jack Stevens, Commentators)	Keep Fit to Music
ADVERTISER and PRODUCT ican Tobacco Go.  ky Strike Cigarettes	American Tobacco Co. Half & Half Tobacco		Atlantic Refining Co. Gos & Oil	Axton Fisher Tobacco Co. Twenty Grand Cigarettes			Bank of America National Banking Service	Trust & Saving Association Loans		Barnsdall Refining Co. Gas & Oil				Beatrice Creameries

NETWORK ADVERTISING AGENCY MBS N. W. Ayer & Son	MBS Anderson, Davis & Platte	NBC-Red N. W. Ayer & Son	NBC—Blue McJunkin Advertising Co.	CBS Benton & Bowles	NBC—Blue Blackett-Sample-Hummert NBC—Red Blackett-Sample-Hummert and Blue	MBS—LS Direct	CBS Sorensen & Co.	MBS—LS Direct	NBC—Red Blackett-Sample-Hummert and Blue	NBC—Red Pedlar & Ryan NBC—Red Pedlar & Ryan	NBC-Red Pedlar & Ryan	NBC—Red Young & Rubicam NBC—Red Young & Rubicam NBC—Red Young & Rubicam	NBC—Red Russell M. Seeds Co. NBC—Blue Russell M. Seeds Co.	NBC—Red Russell M. Seeds Co.	NBC—Red Russell M. Seeds Co.	NBC—Red Russell M. Seeds Co. and Blue
PROGRAM Peter Quill	Cowboy Songs by Red River Dave	The Telephone Hour	Speak Up America	We The Abbotts	Mr. Keen, Tracer of Lost Persons Just Plain Bill	The Lone Ranger	News and Rhythm	Fulton Lewis, Jr.	John's Other Wife	For Men Only The Vitalis Program Starring George Jessel	Mr. District Attorney	The Fred Allen Show Abbott and Costello Time to Smile	Avalon Time Home Town	Show Boat	Renfro Valley Folks	Plantation Party
ADVERTISER and PRODUCT Paul F. Beich Co.		<b>The Bell Telephone System</b> Telephone Service	Better Speech Institute of America Educational Service	The Best Foods, Inc. Nucco, Hellman's		Blue Jay Manufacturing Co.	wey's Inc. Ck.: orto Mill	Bowman-Warne Ectrical Appliance Dealer	A. S. Boyle Co. Old Enquist Wox	Bristol-Myers Co. V101's		Bristol-Myers Co. Ioana, Sal Heputica	Brown & Williamson Tobacco Corp. Avaion Cigarettes		Brown & Williamson Tobacco Coro. Big 3en Tobacco	Brown & Williamson Tobacco Carp.  Bualer Cigarettes

ADVERTISER and PRODUCT	PROGRAM	NETWORK	ADVERTISING AGENCY
Brown & Williamson Tobacco Corp. Roleigh Gigarettes and Tobacca	Home Town Uncle Walter's Dog House Paul Sullivan Reviews the News	NBC-Red NBC-Red CBS	Russell M. Seeds Co. Russell M. Seeds Co. Batten, Barton, Durstine & Osborn
Brown & Williamson Tobacco Corp. Wings Cigarettes	Wings of Destiny	NBC—Red	Russell M. Seeds Co.
	3	!	
Cal Aspirin Corp. Cal Aspirin	Amanda of Honeymoon Hill	NBC-Blue	Blackett-Sample-Hummert
California Fruit Growers Exchange Citrus Fruits	Sunkist Presents Hedda Happer's Hollywood	CBS	Lord & Thomas
Campana Sales Co. Toiletries	First Nighter Grand Hotel	CBS CBS	Aubrey, Moore & Wallace Aubrey, Moore & Wallace
Campbell Soup Co. Soup, Beans, Torrato Juice	Brenda Curtis Campbell Playhouse Amos n' Andy	CBS CBS SS SS	Ward Wheelock Co. Ward Wheelock Co.
	Campbell's Short Short Story Life Begins	SS SS	Wheelock
	Martha Webster Charlie and Jessie Fletcher Wiley	CBS CBS CBS and	Ward Wheelock Co. Ward Wheelock Co. Ward Wheelock Co.
Campbell Soup Co. Spaghetti, Macarori	Lanny Ross	CBS	Ruthrauff & Ryan, Inc.
Canado Dry Ginger Ale, Inc. Beverages	Information Please	NBC-Blue	J. M. Mathes, Inc.
Canadian Roilways Association Trovel	Canadian Holiday	NBC-Blue	Direct
John B. Canepa Co. . Macuren' Preducts	Melody Street	ΣBS	J. Edward Long Advertising Service
Cardinet Candy Co.	Night Editor	NBC-PC	Tomaschke-Elliott, Inc.
Cannation Co.	Contented Program Arthur Godfrey	NBC-Red MBS	Erwin, Wasey & Co. Erwin, Wasey & Co.

NETWORK ADVERTISING AGENCY	NBC—Red L. W. Ramsey Co. and PC L. W. Ramsey Co. CBS L. W. Ramsey Co.	NBC-PC Botsford, Constantine & Gardner	CBS McCann-Erickson	CBS-PC The McCord Co.	⊜BS Ruthrauff & Ryan, Inc.	NBC—Red Lord & Thomas	NBC-Blue Young & Rubicam	CBS D'Arcy Advertising Co.	CBS Sherman & Marquette CBS Benton & Bowles CBS Benton & Bowles	CBS Sherman & Marquette and Lord & Thomas	NBC—Blue Sherman & Marquette CBS Benton & Bowles	CBS Benton & Bowles	CBS Benton & Bowles NBC-Red Benton & Bowles	CBS Benton & Bowles	CBS—PC Glasser Advertising Agency CBS—PC Glasser Advertising Agency CBS—PC Bass-Luckoff, Inc.	CBS Direct
PROGRAM	Serenade to Loveliness Program Anson Weeks' Orchestra	Just Between Friends	Dr. Christian	Stillicious Kids Quizeroo	Major Bowes Original Amateur Hour	Cities Service Concert	Mother of Mine	Pause That Refreshes on the Air	Stepmother Colgate Ask-It-Basket Gang Busters	Wayne King Orchestra	Sports Newsreel of the Air Strange As It Seems	Hillfop House	Myrt and Marge Ellen Randolph	Woman of Courage	Return to Romance Beauty Explorer Find the Woman	Young Man With a Band
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ADVERTISER and PRODUCT	PROGRAM	NETWORK	ADVERTISING AGENCY
Ef Paso County Board of Development Development	Sun Carnival	M BS	Mithoff & White
Emerson Drug Co. Bromo Seltzer	Ben Bernie	NBC-Blue	Ruthrauff & Ryan
Emerson Radio & Phonograph Co. Radios	Elliott Roosevelt	MBS	Grady & Wagner
Ethyl Gasoline Corp. Ethyl Gas	Tune Up Time	CBS	Batten, Barton, Durstine & Osborn
Evershorp, Inc. Pen and Pencils	Take It Or Leave It	CBS	The Biow Company
Falcon Refinery of Great Bend	Fulton Lewis, Jr.	MBS-LS	Direct
Falls City Brewing Co. Brewary	Fulton Lewis, Jr.	MBSLS	Albert Frank-Guenther Law, Inc.
Felber Biscuit Co. Bakery Praducts	The Lone Ranger	MBS—LS	Direct
Fels & Co. Scop Products	Новьу Совьу	CBS	Young & Rubicam
<b>H. Fendrich, Inc.</b> Ciqur	Smoke Dreams	NBC—Red	Ruthrauff & Ryan
Fidelio Brewery, Inc. Brewery	News—Floyd Mack	MBS	Dillingham, Livermore & Durham, Inc.
Firestone Tire & Rubber Co. Tires and Tubes	The Voice of Firestone	NBC—Red	Sweeney & James
F. W. Fitch Co. Shampoo	Fitch Bandwagon Fitch Summer Bandwagon	NBC-Red	L. W. Ramssy Co. L. W. Ramssy Co.
Florida Citrus Commission Citrus Fruits	Mary Margaret McBride	CBS	Arthur Kudner, Inc.
Food & Beverage Broadcasters Assn. Glass Containers	I Want A Divorce	NBC—Red	Brisacher, Davis & Staff
Ford Motor Co. Motor Cari	Sunday Evening Hour Ford Summer Hour	CBS	N. W. Ayer & Son & McCann-Frickson N. W. Ayer & Son
1. J. Fox Co. Furs	The Lamplighter	MBS-LS	Stanley Kay Advertising Agency

ADVERTISER and PRODUCT	PROGRAM	NETWORK	ADVERTISING AGENCY
Gallenkamp Stores Co. Shoes	Professor Puzzlewit	NBC-PC	Long Advertising Service
General Baking Co. Bond Bread	The Lone Ranger	MBS	Batten, Barton, Durstine & Osborn
General Cigar Co. White Owl Cigars, Van Dyck Cigars	Raymond Gram Swing Answer Man	<b>™</b> BS	J. Walter Thompson Co. Federal Advertising Agency
General Electric Co.	Hour of Charm	NBC—Red	Batten, Barton, Durstine & Osborn and Foster & Davies
General Foods Corp. Grapo Nuts Products	Kate Smith Hour Kate Smith Speaks We, The People	CBS CBS CBS	Young & Rubicam Young & Rubicam Young & Rubicam
General Foods Corp.	The Jello Program, starring	NBC-Red	Young & Rubicam
deli: Floquets	The Aldrich Family	NBC—Blue and Red	Young & Rubicam
General Foods Corp.	Goods News of 1940 and	NBC—Red	Benton & Bowles
Maxwell House Coffee	Maxwell House Conec Time Kate Hapkins	CBS	Benton & Bowles
General Foods Corp. Diamond Crystal Salt, Calumet, Swarsdown	Kate Smith Speaks	CBS	Benton & Bowles
General Foods Corp. La France, Satina, Minute Topicsa	Joyce Jordon	CBS	Young & Rubicam
General Foods Corp. Swansdown, Calumet	My Son and I	CBS	Young & Rubicam
General Foods Corp. Sanka	We, the People	CBS	Young & Rubicam
General Foods Corp. Postum	Lum and Abner Second Wife	CBS CBS—PC	Young & Rubicam Young & Rubicam
General Foods Corp. Post Tooslies and Bran Fickes	Young Dr. Malone	CBS and	Benton & Bowles
	Elmer Davis Portia Face Life	CBS CBS CBS	Benton & Bowles Benton & Bowles

NETWORK ADVERTISING GENCY	CBS Blackett-Sample-Hummert NBC—Red Blackett-Sample-Hummert	NBC—Red Blackett-Sample-Hammert NBC—Red Blackett-Sample-Hummert	NBCRed Blackett-Sample-Hummert	CBS Blackett-Sample-Hummert NBC—Red Blackett-Sample-Hummert	and Blue NBC—Red Blackett-Sample-Hummert	and blue  Nov Reeves Advertising	and plue ABC—Red Blackett-Sample-Hummert and Blue	CBS Blackett-Sample-Hummert	NBC—Red Knox Reeves Advertising CBS and Knox Reeves Advertising NBC—Red	CBS-PC Smith & Drum	CBS—PC Erwin, Wasey & Co.	CBS Maxon, Inc. NBC—Blue Maxon, Inc. CBS Maxon, Inc. MBS Maxon, Inc. MBS—LS Maxon, Inc. MBS Maxon, Inc. MBS Maxon, Inc.	NBC-Blue Young & Rubicam	MBS R. H. Alber & Co.	CBS Paris & Peart
PROGRAM	Billy & Betty Light of the World	Beat The Band Arnold Grimm's Daughter	Grouch Club	Caroline's Golden Store Betty Crocker	Arnold Grimm's Daughter	Voliant Lady	Hymns of All Churches	<b>Bcyond These Valleys</b>	Jack Armstrong By Kathleen Norris	Sam Hayes Football Forecasts	One-Man Theatre	Orange Bowl Football Game Sugar Bowl Football Game Kentucky Derby Elmer Davis World Series Fulton Lewis, Jr. National Professional Football Play-Off Broadcasts	One of the Finest	Old Fashioned Revival	Musico
ADVERTISER and PRODUCT	General Mills, Inc. Corr Kix			General Mills, Inc. Flat					General Mills, Inc. Wheaties	General Petroleum Corp. Gas & Oil	D. Ghirardelli & Co. Chacolate and Chacolate Drink	Gillette Safety Razor Co. Shaving Accessories	Gordon Baking Co. Silvercup Bread	Gospel Broadcasting Association Religious	Great Atlantic & Pacific Tea Co. Food Stores

ADVERTISING AGENCY Beaumont & Hohman	Birmingham, Castleman & Pierce	Direct	Stack-Goble Advertising Agency and Russell M. Seeds Co.	Charles W. Hoyt Co.	Young & Rubicam Young & Rubicam	:	Henri, Hurst & McDonald	Direct G. H. Hartman Co.	Direct	Young & Rubicam	Erwin, Wasey & Co.	Benton & Bowles	Ruthrauff & Ryan	Harold Cabot & Co.	Roche, Williams & Cunnyagham
NETWORK NBC-Blue	MBS	NBC—Blue	NBC—Blue and PC	NBC—Blue	CBS		NBCRed	MBS—LS MBS	MBS-LS	CBS	NBC-PC	NBC-Red NBC-Red	CBS	CBS	MBS—LS
PROGRAM This Amazing America	Who Knows?	J. Alden Edkins, Songs	Adventures of Sherlock Holmes	Serenaders	Screen Guild Theatre The Adventures of Ellery Queen	<b>H</b>	Tony Wons Radio Scrapbook	Fulton Lewis, Jr. Hartz Mountain Singing Canaries	Fulton Lewis, Jr.	Al Pearce and His Gang	Woman's Magazine of the Air	On Broadway Lincoln Highway	Holland Tulip Festival	Yankee Swapper	The Lone Ranger
ADVERTISER and PRODUCT Greyhound Lines Bus Transportation	Griffin Manufacturing Co. Snoe Cleaner	Griswold Manufacturing Co. Kitchen Utensils	Grove Laboratories Broms Quinine	Charles Gulden Mustard	Gulf Oil Co. Gos & Oil		Hall Brothers, Inc. Greeing Cards	Hamlin Red Cross Drug Store Hartz Mountain Products Co. Bird Food	Hastings Clothing Store	Hawaiian Pineapple Co. Dole Pineapple Juice & Fruit	Hecker Products Corp. Flour	Hecker Products Corp. Shingla	Holland Furnace Co. Heating Equipment	H. P. Hood & Sons Milk and Ice Cream	Harlick's Malted Milk Corp. Milk Products

ADVERTISER and PRODUCT George A. Hormel & Co. Food Pruducts Hunko Co.  Illinois Central Railroad Trovel Trovel Illinois Meat Co. Food Products International Silver Co. Silverware Interstate Bakeries Bakery Products Ironized Yeast Co. Ironized Yeast Co. Ironized Yeast Co. Somman Association of Louisville Loans Andrew Jergens Co. Soaps & Coarretic. Soaps & Coarretic. Soaps & Coarretic. Soaps & Coarretic.	It Happened In Hollywood Burns & Allen The Lone Ranger  Cameas of New Orleans Play Broadcast Silver Theatre Fun In Print The Lone Ranger  Goodwill Hour Court of Missing Heirs Listen America Show of the Week Jergens Journal with Walter Winchell The Parker Family Hollywood Playhouse Fibber McGee & Molly Meredith Willson Musical Revue	MBS — Red MBS — MB	Batten, Barton, Durstine & Osborn Batten, Barton, Durstine & Osborn Simon & Gwynn, Inc.  The Caples Co.  Neisser-Meyerhoff, Inc.  Young & Rubicam Scholtz Advertising Service Ruthrauff & Ryan Ruthrauff & Ryan  Birect Direct Direct Cennen & Mitchell Lennen & Mitchell Needham, Louis & Brorby Needham, Louis & Brorby
Walter H. Johnson Candy Co.	The Shadow	WBS	Franklin Bruck Advertising Corp.
Kentucky Home Mutual Life Insurance Co. Insurance	Fulton Lewis, Jr .	MBS—LS	Direct
Kilpatrick Bakeries Bakery Products	The Lone Ranger	MBS—LS	Emil Reinhart

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	S C P D D P L	MENORA	ADVERTISING AGENCI
Knapp-Monarch Co. E'ectric Shavers	Ahead of the Headlines	NBC-Blue	Cramer-Krasselt Co.
Knox Gelatine Co. Galatin	Bob Garred Reporting	CBS—PC	Kenyon & Eckhardt
Kolynos Co.	John's Other Wife	NBC—Red	Blackett-Sample-Hummert
	Romance of Helen Trent Mr. Keen, Tracer of Lost Persons	CBS NBC—Blue	Blackett-Sample-Hummert Blackett-Sample-Hummert
Koppers Co. Coal Products	The Shadow	MBS	Charles Dallas Reach Co.
Kraft-Phenix Cheese Carp. Chrese and Salaa Dressing	The Kraft Music Hall	NBC-Red	J. Walter Thompson Co.
		;	
Lady Esther, Ltd. Cosmotics	Guy Lombardo Orchestra	CBS and NBC-Red	Pedlar & Ryan
Lambert Co. Listerine and Brushes	Grand Central Station	CBS	Lambert & Feasley
Lance Packing Co. Peanut Fraducts and Conferrions	Toatchee Time	NBC—Red and Blue	Nachman-Rhodes Advertising Agency
Langendorf United Bakeries Bokery Presucts	News by Hughes Langendorf Pictorial True Life Dreams True Life Dreams	CBS - PC NBC - PC NBC - PC NBC - PC NBC - PC	Leon Livingston Advertising Agency Leon Livingston Advertising Agency Leon Livingston Advertising Agency Leon Livingston Advertising Agency
La Rosa & Sons, Inc. Food Preducts	Radio Concert	MBS	Commercial Radio Advertising Agency
Larus & Brother Co. Darino Cigarettes	Mammoth Minstrels	NBC-PC	Warwick & Legler
Lehn & Fink Products Co. Hind's Honey & Almond Cream	Burns and Allen	CBS	William Esty & Co.
Lever Brothers Co. Spry	Aunt Jenny's Real Life Stories Uncle Jim's Question Bee	CBS NBC—Blue	Ruthrauff & Ryan Ruthrauff & Ryan
Lever Brothers Co. Rinso	Big Sister Big Town Uncle Jim's Question Bee Grand Central Station	CBS CBS CBS NBC—Ble	Ruthrouff & Ryan Ruthrauff & Ryan Ruthrauff & Ryan Ruthrauff & Ryan

NETWORK ADVERTISING AGENCY	CBS William Esty & Co.	CBS J. Walter Thompson Co.	NBC—Blue H. W. Kastor & Sons Advertising Co. NBC—Red Stack-Goble Advertising Agency NBC—Red Stack-Goble Advertising Agency and Blue	NBC-Blue Stack-Goble Advertising Agency	CBS United States Advertising Corp.	ing NBC—Red Newell-Emmett Co.  CBS Newell-Emmett Co.  CBS Newell-Emmett Co.	MBS—LS Direct	CBS Young & Rubicam	MBS Various and Direct	MBS Direct	MBS Brisacher, Davis & Staff	MBS Redfield Johnstone, Inc.	MBS M. H. Hockett, Inc. NBCPC Newell-Emmet Co.	NBC—Red Lennen & Mitchell CBS—PC Lennen & Mitchell	NBC-Red Lennen & Mitchell and Blue	CBS—PC Raymond R. Morgan Co. CBS—PC Raymond R. Morgan Co. CBS—PC Raymond R. Morgan Co.
PROGRAM	Meet Mr. Mcck	Lux Radio Theatre	Quicksilver Horace Heidt's Treasure Chest Pot of Gold	Fame and Fortune	Design For Happiness	Glenn Miller and His Orchestra Chesterfield Presents Fred Waring In Pleasure Time Professor Quiz	Fulton Lewis, Jr.	Helen Hayes Theater	Fulton Lewis, Jr.	Johnson Family	I Want A Divorce	Show of The Week	Darothy Thompson Woman's Magazine of the Air	Old Gold—Don Ameche Show Texas Rangers	Sensation and Swing	Dealer In Dreams Spelling Beellner Knox Manning
ADVERTISER and PRODUCT	Lever Brothers Co. Lifebuoy	Lever Brothers Co. Lux Toilet Scap	Lewis-Howe Co. Fums	Lewis-Howe Co. NRs	Libby-Owens-Ford Glass Co. F.ar Class Products	Liggett & Myers Tobacco Co. Chesterfield Cigarattes	Lincoln Bank & Trust Co. Loans	Thomas J. Lipton, Inc. Tec	Local Cooperative Campaign Various	Local Cooperative Campaign Vorious	Local Cooperative Campaign Various	Local Cooperative Campaign Various	Local Cooperative Campaign Various	P. Lorillard Co. Old Gold Cigarettes	Lorillard Co. Sensation Cigarettes, Muriel Cigars	Los Angeles Soap Co. Saap

A DVERTISER and PRODUCT	<b>X Y Y Y Y Y Y Y Y Y Y</b>	NETWORK	ADVERTISING AGENCY
Luden's, Inc.	Elmer Davis	CBSPC	J. M. Mathes, Inc.
Cough Drops Lutheran Laymen's League Reliqious	Lutheran Hour	MBS	Kelly, Stuhlman & Zarndt
	<b>M</b> -		
MacFadden Publications, Inc. True Srory Magazine	The Voice of Liberty I'll Never Forget	MBS MBS	Erwin, Wasey & Co. Arthur Kudner, Inc.
Mackey Motor Co. Motor Car Dealar	Fulton Lewis, Jr.	MBSLS	Direct
Maltex Co. Cereal	Uncle Don	MBS	Samuel C. Croot Co.
Manhattan Soap Co. Sweetheart Soap	Jack Berch and His Boys Mrs. Eleanor Roosevelt's Own Program	NBC—Blue NBC—Red and Blue	Franklin Bruck Advertising Corp. Franklin Bruck Advertising Corp.
Mars, Inc. Canay Bars	Dr. I. Q.	NBC—Red	Grant Advertising Inc.
Mennen Co. Toitet Articles	Bob Garred Reporting Colonel Stoopnagle's "Quixie	CBS-PC CBS and MBS	H. M. Kiesewetter Advertising Agency H. M. Kiesewetter Advertising Agency
	Doodle Contest. Fulton Lewis, Jr.	MBS-LS	H. M. Kiesewetter Advertising Agency
Midway Chemical Co. FIV-Dod	Just Plain Bill	NBC-Blue	Blackett-Sample-Hummert
Miles Laboratories, Inc. Alka-Seltzer	Quiz Kids	NBC—Red	Wade Advertising Agency
	Alec Templeton Time National Barn Dance	NBC—Red NBC—Red and Blue	Wade Advertising Agency Wade Advertising Agency
Modern Food Process Co.	Olivio Santoro The Moulen Sisters	NBC—Blue	Clements Co.
Moody Bible Institute	Let's Go Back to the Bible	MBS SBD	Critchfield & Co.
Benjamin Moore & Co.	Betty Moore	NBC—Red	Direct
John Morrell & Co.	Bob Becker's Dog Chats	NBC-Red	Henri, Hurst & McDonald
Philip Morris & Co.	Johnnie Presents	CBS and	The Biow Co.
Cigarettes	Breezing Along	NBC-Blue	The Biow Co.

PROGRAM NETWORK ADVERTISING AGENCY	Name Three Philip Morris Musical Game CBS The Biow Co. The Crime Doctor Eddie Dooley's Football Forecast MBS The Biow Co. Eddie Dooley's Football Roundup MBS The Biow Co.	Fulton Lewis, Jr. MBS—LS Direct	Thunder Over Paradise NBC-Blue Kenyon & Eckhardt	Carson Robison and His NBC—Blue Erwin, Wosey & Co. Buckaroos	John's Other Wife NBC-Blue Blackett-Sample-Hummert	 News By John B. Kennedy NBC-Blue Geyer, Cornell & Newell	Answer Auction CBS—PC Erwin, Wasey & Co.	Red Grange, Forecast and Scores MBS Sherman K. Ellis, Inc.	Believe It Or Not with CBS Batten, Barton, Durstine & Osborn Robert L. Ripley	Bob Trout  Ruthrauff & Ryan	Melody Marathon NBC—Blue Byer & Bowman Advertising Agency Title Tales	The Lone Ranger MBS—LS W. E. Long Co.	 Death Valley Days NBC—Red McCann-Erickson and Blue	World In Flames Premiere CBS and MBS Buchanan & Co.
ADVERTISER and PRODUCT	Philip Morris & Co. Cigarettes The Edd	Morris Plan Bank Fult	eller & Co. oni Produrts		Mystic Labs, Inc.	Nash Motors Division  Notor Curs	National Lead Co. Ans	National Refining Co. Red	Nehi, Inc. Bell Beverage	Noxzema Chemical Co. Toiet Art cles	Ohio Oil Co. Mel	Bread Co. ा इ	 Pacific Coast Borax Co. Dea Borax	Paramount Pictures, Inc. Wor

VORK	CBS Ruthrauff & Ryan	CBS Newell-Emmett Co.	NBC—Blue Lord & Thomas NBC—Red Lord & Thomas NBC—Red Lord & Thomas	CBS Blackett-Sample-Hummert	CBS—PC Brisacher, Dovis & Staff MBS Platte-Forbes, Inc. MBS Platte-Forbes, Inc.	CBS Gardner Advertising Co.	MBS McKee & Albright	NBC—Red Blackett-Sample-Hummert NBC—Red Blackett-Sample-Hummert NBC—Red Blackett-Sample-Hummert	NBC—Blue Blackett-Sample-Hummert	NBC—Red Hutchinson Advertising Co.	MBS—LS Direct CBS—PC Raymond R. Morgan Co.	MBS Direct	MBS Robert Acombe Advertising Ayency	NBC—Red Pedlar & Ryan and Blue	CBS and NBC— Pedlar & Ryan Red and Blue	NBC—Red & CBS Pedlar & Ryan and Blackett-Sample-	CBS Pedlar & Ryan NBCBlue Pedlar & Ryan
PROGRAM	Vox Pop	Tom Shirley—News	Mr. District Attorney Summer Pastime The Pepsodent Show Starring Bob Hope	Doc Barclay's Daughters	Bob Garred Reporting Gabriel Heatter Wythe Williams	Mary Lee Taylor Saturday Night Serenade	Wythe Williams	Lorenzo Jones Stella Dallas Waltz Time	Amanda of Honeymoon Hill	Woman in White	Fulton Lewis, Jr. What's On Your Mind	Listen America	The Shadow	Pepper Young's Family	Woman In White	The Road of Life	Manhattan Mother Painted Dreams
ADVERTISER and PRODUCT	Penn Tobacco Co. Tobacco	Pepsi-Cola Co.	The Pepsodent Co. Antisectic & Dentifrice	Personal Finance Co.	Peter Paul, Inc. Condy Bars	Pet Milk Sales Corp.	Philco Radio & Television Corp. Rad a Sets	Charles H. Phillips Chemical Co. M'Ik of Magnesia	Charles H. Phillips Chemical Co.	Pillsbury Flour Mills Co.	Pittsburgh-Midway Coal Co. Planters Nut & Chocolate Co.	Pontiac Motor Co. Motor Cars	Premium Coal Co.	Procter & Gamble Co.		Procter & Gamble Co.	Cripso

NBC—Blue Compton Advertising NBC—Blue Compton Advertising		NBC—Red Blackett-Sample-Hummert	NBC—Red Blackett-Sample-Hummert NBC—Red Blackett-Sample-Hummert	CBS H. W. Kastor & Sons Advertising Co. NBC—Red H. W. Kastor & Sons Advertising Co. CBS H. W. Kastor & Sons Advertising Co. CBS H. W. Kastor & Sons Advertising Co.	NBC—Red Compton Advertising	CBS and Compton Advertising	NBC—Red and Compton Advertising	NBC—Red Compton Advertising CBS and Compton Advertising NBC—Red	CBS and Compton Advertising NBCRed	NBC—Red Blackett-Sample-Hummert		NBC—Red Blackett-Sample-Hummert CBS Pedlar & Ryan and Blackett-Sample-	NBC—Red Blackett-Sample-Hummert	CBS H. W. Kastor & Sons Advertising Co. NBC—Red H. W. Kastor & Sons Advertising Co.	CBS H. W. Kastor & Sons Advertising Co.
NETWORK This Day Is Ours Vie and Sade	Vic and Sade Right to Happiness	Kitty Keene	Kitty Keene Lone Journey	Professor Quiz Knickerbocker Playhouse Jimmie Fidler Those We Love	This Small Town	Life Can Be Beautiful	Story of Mary Marlin	Against the Storm The O'Neills	Truth and Consequences	Houseboat Hannah	Ma Perkins The Goldbergs The Man I Married	Road of Life	Arch Oboler Plays Everyman's Theater	Professor Quiz Midstream	Those We Love

ADVERTISER and PRODUCT Procter & Gamble Co. White Naphtha Prudential Insurance Co. Life Insurance Pure Oil Co. Gas and Oil Purity Bakeries Service Corp. Taystee Brood Cereals and Flour  Amington-Purina Co. Wheat Cereal Remington Rand, Inc. Shavers & Typewriters Remington Rand, Inc. Shavers & Repeared Carrel Cigarettes Richardson & Robbins Boned Chicken	Gulding Light  When A Girl Marries  Kaltenborn Edits the News  Smilin' Ed McConnell  Girl Alone Quaker Variety Show We, The Wives Quiz Your Dream Has Come True Stop Me If You've Heard This One Stop Me If You've Heard This One  Adventures of Tom Mix Tom Mix Ralston Straight Shooters Newsroom of the Air  Camel Caravan Grand Ole Opry Blondie Luncheon at the Waldorf The Al Pearce Show Uncle Exra Announcement Keep Fit To Music	NBC - Red NBC -	ADVERTISING AGENCY Compton Advertising Benton & Bowles Leo Burnett Co. Campbell-Mithun, Inc. Campbell-Mithun, Inc. Campbell-Mithun, Inc. Ruthrauff & Ryan Sherman & Marquette Ruthrauff & Ryan Sherman & Marquette Ruthrauff & Ryan Sherman K. Ellis Co. Gardner Advertising Co. Gardner Advertising Agency William Esty & Co.
Richfield Oil Co. Gas & Cil Rio Grande Oil, Inc. Gas & Oil	Richfield Reporter Confidentially Yours Calling All Cars	NBC—PC MBS CBS—PC	Hixson & O'Donnell Advertising Sherman K. Ellis, Inc. Hixson & O'Donnell Advertising
Rochester Brewing Co. Browery	Fulton Lewis, Jr.	MBS	Direct

ADVERTISER and PRODUCT	PROGRAM	NETWORK	ADVERTISING AGENCY
Rosenbaum's Department Store Department Store	Fulton Lewis, Jr.	MBS	Direct
Seaftest, Inc. Milk and Milk Products	Your Family and Mine Sealtest-Rudy Vallee Program	CBS NBC—Red	McKee & Albright McKee & Albright
R. B. Semler, Inc. Hair Tenic	Gabriel Heatter, News	MBS	Erwin, Wasey & Co.
Sherwin-Williams Co.	Metropolitan Opera Auditions of The Air	NBC—Blue and Red	Warwick & Legler
Sherwood Bros., Inc.	Confidentially Yours	MBS	Van Sant, Dugdale & Co.
Signal Oil Co. Gas & Oil	The Signal Carnival	NBC-PC	Barton A. Stebbins Advertising Agency
Sinclair Refining Co. Gas & Oil	The World Today	CBS	Federal Advertising Agency
Skelly Oil Co. Gas & Oi.	Captain E. D. C. Herne, News Commentator	NBC-Red	Henri, Hurst & McDonald
Smith Bros. Cough Drops	News	CBS—PC	J. D. Tarcher & Co.
Sperry Flour Co.	Sam Haves	NBC-PC	Westco Advertising Agency
T.0.7	Dr. Kate	NBC-PC	Westco Advertising Agency
	My Children Beyond These Valleys	CBS—PC	Westco Advertising Agency Westco Advertising Agency
Standord Brands Inc. Chase & Sorborr Coffee	Chase and Sanborn Program	NBC-Red	J. Walter Thompson Co.
Standard Brands Inc. Tender Leof Tea	One Man's Family	NBC—Red	J. Walter Thompson Co.
Standard Brands Inc. Royal Dewerts	Those We Love	NBC-Red	J. Walter Thompson Co.
Standard Brands Inc. Fleischmann's Foil Yeast	l Love a Mystery	NBC—Red and Blue	J. Walter Thompson Go.
Standard Oil Co. of Calif. Gas & Oil	Standard School Broadcasts Standard Symphony	NBC-PC	McCann-Erickson McCann-Erickson
Stephano Bros. Marvel Cigarettes	Sports Pap-Offs	CBS—PC	Aitkin-Kynett Co.
Sun Oil Co. Gos & Oil	Lowell Thomas—The Day's News	NBC-Blue	Roche, Williams & Cunnyngham

The Lone Rai Sales Meetir Swift Party Swift Party Fulton Lewis Texaco Star Metropolita Metropolita Football Ga Bennie Walk Kitchen Keep Fit To Boake Cart The Sunday of the W Model Mins Pipe Smokin Pipe Smokin The Shadow The Shadow	The Lone Ranger MBS—LS N. W. Ayer & Son Sales Meeting of the Air MBS J. Walter Thompson Co. Swift Party NBC—Blue J. Walter Thompson Co.	Fulton Lewis, Jr.  Texaco Star Theatre  Metropolitan Opera Broadcasts  Football Games  Bennie Walker's Tillamook  Kitchen	Union Oil Program  Where and When  Where and When  WBC—PC  Lord & Thomas  and CBS—PC  Lord & Thomas  NBC—PC  Lord & Thomas  Sherman K. Ellis, Inc.  MAS  N. W. Ayer & Son  of the World  Model Minstrels  CBS  Arthur Kudner, Inc.  Pipe Smoking Time  CBS  Arthur Kudner, Inc.	Fulton Lewis, Jr.  MBS—LS  Direct  Morse International, Inc.  Wake Up and Sing  MBS—LS  Direct  Morse International, Inc.  MBS—LS  Direct  Direct  MBS—LS	Carter's of Elm Street MBS and Blackett-Sample-Hummert NBC—Red Blackett-Sample-Hummert MBS and Blackett-Sample-Hummert
		Tennessee Brewing Co.  Srewary  Texas Co.  Gas and Cil  Gas and Cil  Gas and Cil  Tilda Water Associated Oil Co.  Dairy Products	Union Oil Co. Gas and Oi Union Pharmaceutical Co. United Air Lines, Inc. A'r Travel United States of Brazil Institutional U. S. Tabacco Co. Tobacca	Valley Electric & Appliance Co. Vick Chemical Co. Vacc. Rub, Vatranol Victor American Fuel Co. Cool	

NETWORK ADVERTISING AGENCY	NBC-Blue Sherman K. Ellis, Inc.	NBC—Blue Warwick & Legler NBC—Red Warwick & Legler CBS Bennett, Walther & Menadier	NBC—Red Blackett-Sample-Hummert NBC—Red Blackett-Sample-Hummert NBC—Blue Blackett-Sample-Hummert		υ	NBC—Red Fuller & Smith & Ross and Blue	NBC—Red Compton Advertising	MBS Critchfield & Co.	MBS Direct MBS William Esty & Co.		NBCBlue Aubrey, Moore & Wallace	CBS—PC Neisser-Meyerhoff, Inc.	CBS J. Walter Thompson Co. CBS Neisser-Meyerhoff, Inc.	NBCBlue Blackett-Sample-Hummert	:: : : : : : : : : : : : : : : : : : : :	MBS R. H. Alber
PROGRAM	The Tip Top Show Starring Joe Penner	Gang Busters Youth Vs. Age Crackpot College	Backstage Wife Manhattan Merry-Go-Round Ornhans of Divorce	Irene Rich For Welch Dear John	Hawthorne House	Musical Americana	Hilda Hope, M.D.	The Musical Steelmakers	The Shadow Double Or Nothing	True or False Washington Merry-Go-Round	Famous O'Henry Jury Trials	Santa Cataline Fun Quiz	Melody Ranch Scattergood Baines	John's Other Wife		Young People's Church of the Air
ADVERTISER and PRODUCT	Ward Baking Co. Bakery Products	William R. Warner Co. Sloan's Liniment F. B. Washburn Condy Corp.	Candy Burs R. L. Watkins Co. Dr. Lyons Toothpowder	Welch Grape Juice Co. Grass Juice	Wesson Oil & Snowdrift Sales Co. Salad Oil	Westinghouse Electric & Mfg. Co. Flectrical Appliances	The Wheatena Corp.	Wheeling Steel Corp.	Wherry Furniture Co. White Laboratories Foenamint Laxative	J. B. Williams Co. Shaving Accessories	Williamson Condy Co. O'Henry Candy Bars	Wilmington Transportation Co. Resort	William Wrigley, Jr. Co. Chewing Gum	Wyeth Chemical Co. Frestore		Young People's Church of the Air Religious

# NATIONAL NETWORK SUSTAINING PROGRAMS

OF 1940

Network sustaining programs listed berein were beard on regular schedules during 1940. No special event or one-time shots are included in the listings, which were compiled with the cooperation of CBS, MBS and NBC. In a majority of the cases, programs are institutional, or time has been devoted by the networks to an educational or civic organization.



Adventures in Science Mel Allen Sport Review American School of the Air Americans at Work Back Where I Come From Clyde Barrie, Baritone Al Bernard and his Merry Minstrels Ray Bloch Presents Blue Streak Rhythm Ensemble Bluegrass Brevities Major Bowes' Capitol Family Boy, A Girl, A Band Vera Brodsky, Pianist **Brush Creek Follies** Buffalo Presents **Bull Session** Can You Recognize the Tune Marion Carley Chansonette Chicagoans Choose Up Sides Church of the Air Cincinnati Conservatory of Music CBS Symphony Orchestra Columbia Concert Orchestra Columbia Chamber Orchestra Columbia Lecture Hall Columbia Workshop Columbia's Country Journal Columbia's Gay Nineties Revue Curtis Institute of Music Dancing Thru the Years Margaret Daum, Soprano Elmer Davis and the News

Deep River Boys Democracy in Action Dorian String Quartet **Drifting Melodies** Exploring Music Flow Gently Sweet Rhythm Four Clubmen A Friend Indeed Golden Gate Quartet Good Morning **Grant Park Concerts** Greenfield Village Chapel Have You Forgotten Headlines and Bylines Hubert Hendrie, Baritone Herzer and Zevde Highways to Health Honest Abe Indianapolis Symphony Orchestra Invitation to Learning **Keyboard Capers** Library of Congress Musicals Jack Leonard, songs Let's Be Lazy Let's Pretend Welcome Lewis Singing Bee Lewisohn Stadium Concerts Michael Loring Manhattan Minuet March of Games Mattinata Richard Maxwell Men Behind the Stars Midday String Ensemble Morning Almanac Morning Moods Music of Today Music Without Words National Hillbilly Champions

## SUSTAINING PROGRAMS

National Youth Administration Orchestra New England Conservatory of Music New York Philharmonic Symphony Society New York Philharmonic Young People's Concert News of the War Odd Side of the News Of Men and Books Old Dirt Dobber Old Fashioned Favorites Old Vienna Organ Reveille Outdoors with Bob Edge People's Platform Yella Pessl, Harpsichordist Poetic Strings Pursuit of Happiness Sidney Raphael, Pianist Report to the Nation Rococo Interlude Genevieve Rowe with Concert Orchestra Salt Lake City Tabernacle Choir So You Think You Know Music Sport Time String Time with Walberg Brown This Is My Land This Week in Washington—Albert Warner Today in Europe The War This Week What Price America Which Way to Lasting Peace Wings Over Jordan Woman's Page of the Air—Adelaide Hawley The World This Week



Adventures of a Modern Mother Alma Kitchell's Briefcase American Education Forum American Pilgrimage America's Town Meeting of the Air Between the Bookends The Children's Hour Coast to Coast On a Bus Doctors At Work Echoes of History Foreign Policy Association Programs Great Plays Homespun I'm An American It Looks From Here—Says Margaret Banning Let's Talk It Over Listeners' Playhouse Luther-Layman Singers Magnolia Blossoms Man And The World Meet Edward Weeks The Message of Israel Metropolitan Opera Guild National Farm and Home Hour National Radio Forum National Vespers NBC Music Appreciation Hour NBC Symphony Orchestra The New Friends of Music Opportunity Our Barn Our Spiritual Life Primrose String Quartet Radio City Music Hall On the Air Radio Magic Raising a President Religion and the New World The Riddle of Life Rochester Civic Orchestra Story-Dramas by Olmsted Sundown on the Veldt The Travelling Cook United States Army Band United States Marine Band United States Navy Band Unlimited Horizons



Bright Ideas Club
Call to Youth
Calling All Stamp Collectors
Catholic Hour
Citizens All
Dr. Charles Courbin
Curtis Institute of Music Programs
General Federation of Women's
Clubs Programs
Guest Book

## SUSTAINING PROGRAMS

Isabel Manning Hewson
Milestones in the History of Music
Music and American Youth
National Radio Pulpit
NBC String Symphony
On Your Job
Pageant of Art
Pin Money Party
Religion in the News
The Story Behind the Headlines
Sunday Drivers
University of Chicago Round Table
Watch Your Step
Wings Over America
The World Is Yours



# MBS



American Forum of the Air Britain Speaks Buckeve Four California Melodies Campus Notes Can You Top This? Cats n' Jammers Cedric Foster Charioteers Cheer Up Gang Chicago Opera Company Chicago Symphony Chicago Theater of the Air Choir Loft Conservation Reporter Contact Cumberland Valley Choristers Detroit Bible Class Ed Fitzgerald El Paseo Troubadours Football Follies Four Ink Spots Fulton Lewis, Jr. George Fisher's Hollywood Whispers Green Hornet Harold Stokes Presents Haven of Rest Hawaii Calls Here's Looking at You Here's Morgan Hollywood Grab Bag Improvisations

In Chicago Tonight Is Anybody Home? Johnson Family Keep Fit to Music Laugh and Swing Club March of Health Melody Street Morton Gould Music by Willard Musical Monickers Musical Portraits Musichio Mystery Hall Oberlin on the Air Ohio School of the Air Old Fashioned Girl Pageant of Melody Philadelphia Orchestra Radio Garden Club Radio Gossip Club Radio Newsreel of London Reviewing Stand Russell Bennett's Notebook Ruigers Homemakers' Forum Sagmaster Comments Scrapbook Stories Secrets of Personality Selective Service Sentimental Concert Seven Minute Men Sheep and Goats Club Sinfonietta Sing a Song of Safety Club Sing for Your Money Something Old, Something New Sonata Recital Song Spinners Song Treasury Songs that Sweethearts Sing Symphonic Strings These United States This Smart Set This War This Wonderful World Trojan Horses Tropical Serenade University Life U. S. Army Band Vagabond Trail Who Are You? Women World Wide Words and Music

# Outstanding Local Programs IIIIII IIIIIIIII

# mannament mannament mannament mannament mannament of Stations Everywhere

The following list of programs has been compiled by RADIO ANNUAL from questionnaires and direct contact. Listings are composed of programs voiced by stations as their most outstanding contributions to their listeners. The letters following the names of programs indicate as follows: "S." sustaining; "C," commercial: "P," participating.

# Alabama

# WHMA, Anniston

Wilka Movie Quiz (C) A Listenci's Choire (3)

Studio Round 1: (S) Salute To Cities (C)

# WAPI, Birmingham

Auburn Farm and Family Forum (S) funior Lengue Thender (S) WAPI Spell-A-Bee (S)

University of Aktbama Editorial Review (S)

Alabama Callege of the Air (S)

WBRC, Birmingham

Happy Valley (5)

Public Fealth Dramas (S) Ye Old Stanbacker (C) Town Talk (C)

Mid-day Parude of Old Tyme Tunes WMSL, Decatur

Solovox-Fiano Request Program (S)

Coffee Club (P) WAGF, Dotham

Cord and Hurry (C)

Hearts Up (S)

Bible Roaders' Clas Time (S)

WCOV, Montgomery Man On The Street itember Jumboier onei Beginst Program:

Tab Cosma (Mydderd Night Club) Per Otto

WSFA, Monigomery

Sons of The South Curnty (C) Everybody's Faville (C) Front Page News (C)

Koynourd Serenadar (S) WMSD, Muscle Shoals

SSI, Hilleillies

Sear's Solovox Time STC College Forum Request Time

WJRD, Tuscaloosa

Wood Pep All Request Program (C) Varlow Variety Progrent (C) Sreakfast Club (S)

# Arizona

KWJB, Globe

Homemaker's Exchange (C)

KTUC, Tucson

Midnight Madness (P) Music For Turson (C)

Little Theater of the Air (C) Good Morning Ladies (P)

[w.light Melodies (C) KPHO, Phoenix News On the Hour Every Hour (S) KTAR, Phoenix

The Poetry Exchange (C) The Clerk of Oxford (C)

Artzona's Strapbock (C)

Meeting The American Airliner (C) Little Theater of the Afr (S)

Woman's Club of the Air (P Mining Program (S) Eurdy Gurdy (P) KYCA. Prescott (P) Sound-ele

Aunt Betty Jane (S) KGLU, Safford

Women's Page of the Air (P) Les: We Forget (S) lighway 70 (P)

Golden Memories (C)

Music Approviation Bour for School University of Arizona Pooti all Home on the Range (C) Play by Play Series KVOA, Tucson

KLCN, Blytheville Breckfast Club

Al. Recorded Request Program Noon Masione

fudge Hatcher's Night Court (S) KWFC, Hot Springs Man On Street (C) Doc Warren (C)

Wilson Furniture Company (C) Sleepytime Down South (S) Sweethearts On Parade (S)

Housewives Pratective League (P) Standard Symphony Hour (C) Standard Schoo, Broadcast (C) Shampion Talent Quest (C) Who's Dancing Tonight (C) Who's Danding Tonight (C) Anything Can Happen (C) The XGO Honor Forum (P) lomemaker's Catalog (P) Tilldren's Playhouse (S) us! Between Filends (C) nternational Kitchen (P) Professor Puzz.ewit (C) Jau! Martin's Music (S) KFXM, San Bernardino The Five Edwards (S) lawthorne House (C) KFRC, San Francisco dast Minute News (C) KSFO, San Francisco World On Panade (S) KPO, San Francisco KGO, San Francisco ..we Highlights (C) Per Ladies Only (S) KROY, Sacramento Freaklast Club (P) The Fisherman (P) Ciddies Kwizz (C) Wilady Shops (P) Jaylef Party (S) KGB, San Diego Star Parade (C) -arly Birds (P.) News Quiz (S) Musica, Moments With Ple Music Col. Volney James Siesta Hour (P) arkson's East Hour of Fine Music (C) conservives' Protective League (P) Backgrounds For Living (C) Voice of the First Nighter Ar: Baker's Notebook (P) What, No Architect? (C) Friendly Homemaker (P) ron Can Be Beautiful Mon-on-he-Street (C) Stearns Melody Trio Radio News Reel (S) Cigar Box Revue (C) Calling Al. Cars (S) KRKD, Los Angeles Spotlight Parade (P) KMTR, Los Angeles Question Wheel (C) nside the News (C) KFSG, Los Angeles The Forgatten Man Women's World (P) KMYC, Marysville Camera Clinic (C) KNX, Los Angeles The Mongon Hour Co You Knew (C) Skullcrackers (C) KROW, Oakland (an s Journal (P) Question-Air (C) Masters (C) KLS, Oakland Lucky Seven: Ferum Better Understanding (S) Standard Swing Session (C) The Cumpus Reporters (C) The Evening Concert (C) Log Cabin Kiddies Kiub Tune Varieties (S) Randner of the Air (F) Morning Inspirations (C) Sicirway to Stardom (S) Unde Bill's Bible Cuiz Afternoon Jamburee (S) Man On the Street (C) When Presses Roar (C) Pigskin Predictions (C) School Kids Kwiz (C) The Dawn Patrol (P) Paging The Past (S) KFAC, Los Angeles PDQ Quiz Court (C) KFOX, Long Beach KECA, Los Angeles Porly Risers' Cuh Whoa Bill Club (C) Tune Our Time (S) Sunrise Serenade KFI, Los Angeles Swing Street (C) Classic Hour (S) KARM, Fresno Spraits Events KHSL, Chico KMJ, Fresno Daris Cub Traffic Jam Tele-topics U. S. Weather Bureau (Live) broad-Chapel of the Chimes Organ Con-Woman's Magazine of the Air Cathedral of the Ozarks (S) Five Years Ago loday (C) KBTM Morning Herald (P) Farm Service Program (F) Your Money's Worth (P) Jucle Mei's Kid Club (C) California Music of the Masters (C) Coffee In The News (C) Farm News Bureau (C) KUOA, Siloam Springs

Farm Service Program

KLRA, Little Rock

Bible Levers Revival

863

Hangar Flying (C)

frade Winds (P)

Sidewalk Reporter (S)

KRE, Berkeley

certs (S)

KMPC, Beverly Hills

Song Stories (S)

Professor Askum (C)

KERN, Bakersfield

Ouachita Roundup (P)

Woman's Journal (P)

CBTM, Jonesboro

KARK, Little Rock

Time to Shine (C)

l'own Talk (P)

Request Hour (P)

Form Journal (S) Carabes (S)

KVEC, San Luis Obispo

His Master's Voice (C) Spelling Sallies (S) Boarding House (P)

KVOE, Santa Ana Bulletin Board (P)

Chrysler Cramium Crackers Photo Phone Quiz (C) Kitcl.en Kwiz (C)

Bargain Counter (C) Football Grames (C)

KTKC, Visalia

Buyer's Guide Variety Hour Tele Quiz

10 O'Clock Ciub (S) KHUB, Watsonville Kilchen Cabmet (C) Kiddie Klub

Farm Hour (C)

Colorado Music and Words (S)

KLZ, Denver

Lady, Lena An Ear (P)

Captain Ozie (C) Sizzle Show (C)

Golden Melodies (S) Boners Ccurt (S) KOA, Denver

nquining Reporter (C) KFKA, Greeley

Nature Sketches (S)

Stars of Tomorrow (S)

Rocky Mt. School of the Air (3) Setter Music Series (S) Evening Reverles (S)

Connecticut

WICC Girls' National Duckein Tist Offender Secret Heart

WICC, Bridgeport

Champions Bowling Broadcas

Cur Kids

WDRC, Hartford

Street Scene

Main Street (S and C)

Music Off the Record (P) shoppers' Special (P) Ad-Liner (P)

WTHT, Hartford

WITH Concert Hour (C) Hartlera Speaks (C)

Cedric Foster News Program (S) Morning Musical Bryue (P)

Jene and Glenn (C) WTIC, Hartford

Hank Lawson and His Knights of Morning Watch (C) the Road (S)

WNBC, New Britain-Hartford Melodic Strings (S) Curb Club (P)

WNBC Air Squadron (S) Theater Quiz (C) Janceland (P)

WELL, New Haven Sports Parade (S)

Bullard's Danceland (C) News and Views (F) WNLC, New London Continental Trio (S)

Coust Grand Academy Band (S) Along the Shore (S) Electric Boat Program (P)

Panogram (I<sup>3</sup>)

WBRY, Waterbury.New Haven Homemakers Review (P) Wax-wise Program (P) Spins & Needles (P) Aelody Lame (P)

District of Columbia

WMAL, Washington The Kibitzers (P)

Rot's What You Taink (S. Quiz of Two Cities (C) Dream House (C.

Uncle Mart's Funny Papers (S) American College Forum (S) Srown and Young (C) WOL, Washington

American Forum of the Air (S) National Children's Frolic (S) Washinaton Calling (S) WEC Home Forum (C) Sankhage Talking (C) WRC, Washington

Florida

Your Lonely Neighbor (S) WFIL, Fort Lauderdale WFTL Barn Dance (S) Pep Club (?)

Flying I. Porcade (S)

Interbug Jamborce and Request Quiz Club of the Air (C) WFTM, Fort Meyers Hour (P)

acksonville Today and Yesterday Afternoon Concert (S) WJHP, Jacksonville

Little Theorer Presents (S) Sports of the Day (C) 3ky Commuter (S)

WLAK, Lakeland

Matrimonial Market Basket (C) Lakeland On Parade (C) is That Your Name? (P)

All Anterican Auction (C) WQAM, Miami

Man In The Street (C)

Uncle Mac Reads the Funnies (S) WOAM News Commentator (S) Musical Quiz (C)

WKAT, Miami Beach

Old Gold Sports Parade Lylor Shop

Babcooks Swap Shop (C) We The Women (P) WTMC, Ocala

Forty-five Minutes On Broadway (P) Ask Me One (C) WDBO, Orlando Cown Crier (S)

Norman Beasley's Florida Cowboys Screwball Party (C)

Children's Birthdow Don't (2)		E V II	
	nifican	rot icu, the neusewile (P)	Spelling B (C)
WLOF, Orlando	WGPC, Albany	News By Air (C)	Armchair Athlete (S)
Dawn Patro	Scuthwest Georgia Jamborce	Musicale Bazaar (P)	KTFI, Twin Falls
Junior Chamber of Commerce	Merchani's Parada	WBIJ, Dalton	KTFI Midmorning Jamboree (C)
Sports Roundup	Musical Clock	Breakfast Express (C)	Hi-Yea Neighbor (P)
WDLP, Panama City	Farm and Heme Hour	Opportunities In the South (C)	KWAL, Wallace
Bob Lightburn Pigno Concert Pro-	WAGA, Allanta	Wemen In the News (S)	Musical Round-Up (C)
gram (S)	Your Radio Neighbor (P)	WBML, Macon	Shopping Cuide (P)
Vaugha Union Quartet (C)	Pop Eckler's Jamboree (P)	Tune Quiz (C)	Spell and Win (C)
WCOA, Pensacola	WAGA Radio Theater (S)	Your Street (C)	Illinois
Tex Dunn and His Virginia Hillbillies	Capt. Bill, The Brain Duster (C)	Saturday Night Party (C)	WMRO Autora
(S and C)	WATE, Atlanta	Sunrise Serenade (P)	Amore Amorean (C)
Pensacola Round Table Discussion	Charle Smithgali's Time Tuble	WSAV, Savannah	Son Din Tomism (C)
(3)	Ressler's Sunshine Hours	Saga of Savannah (S)	Month the Belle (C)
Pensacola Schoo, of Music (S)	Women In the News	Man's Search for Heaith (S)	Meet the bride (C)
WSUN, St. Pelersburg	WGSI, Atlanta	Scuvenirs of the Old South (C)	WAAR, Chicago
Sunshine Salute (S)	Frankie & Johnny, The Sidewalk	Musical Arithmetic (C)	Symphonic Four (S)
29 Sanita Sanita (5)	Snoopers (S)	WTOC, Savannah	Opera Festival (S)
Addio Flying school (8)	Just Home Folks (C)	The Old Salt Program (S)	Mythical Ballroom (C)
Sunday Seranade (S)	Chuck Wasen (2)	Musical Ouizz (C)	Council on Foreign Relations (S)
News in Review (C)	WSB. Atlanta	Coestal Empire Journal of Air (S)	WCFL, Chicago
WTSP, St. Petersburg	Division Frame Hour (2)	Moode and Music (2)	Make Bolieve Danceland (C)
Dreamer of Dreams (S)	Solute to Georgia Counties (2)	Chonel Singers (S)	Med the Folks (C)
Sidewalk Snooper (C)	Church of the Children (S)	To Toe Ladies (C)	Peekers in the Pontry $(\bar{P})$
Swing Patrol (P)	Charlet Wheels (S)	Milkman's Serenade (P)	Music Levers (C)
WTAL, Tallahassee	Pan Americana (S)	WAYX, Waycross	WEDC, Chicago
The Famcee A Chepelo Choir (S)	The Edilor Speaks (S)	Melody Matinee (P)	Midnight Fliers (P)
F.S.C.W. Forum (S)	WRDW, Augusta	Kidaies Club of the Air (S)	WENR, Chicago
This and That (S)	People We Like to Know (C)	1200 Club (P)	Sachs Amateur Hour (C)
Story Time (S)	Over The Rainbow (C)	Merchants Parade (P)	Inis Week's Hit Tunes (C)
WFLA, Tampa	So You Think You Know (C)	Idaho	Fours Truly (P) Rob Croshy (C)
Forward Florida	WRBL, Columbus  Baroled and Ecologic Conditions of	KIDO, Boise	WGN, Chicago
Grasso Presents		Hopper's Dollar College (C)	In Chicago Tonight (S)
Jewel Box	Fort Benning News (S)	Baird's Big Eight (C)	The Chicago Tacater of the Air (S)

Peter Quill (C)	WEBQ, Harrisburg	Capitol City Barn Dance (C)	WHIP, Hammond America Tolks It Over (5)
Play Broadcast (C) WJJD, Chicago	Sidings-baxter Quarter (S) Bargain Counter (P)	Street Quiz (P)	Lithuanian Musica. (C)
Suppertime Frolic (P)	Wheel of Fortune (P)	Yours for the Asking (C)	School Forums (S)
Laugh Music Hall (P)	News of Southern Illinois (C)	Satety In Springfield (C)	Family Altar (S)
Sunshine Jubilee (P)	WJPF, Herrin	Farm Bulletin Service (P)	WJOB, Hammond
WMAQ, Chicago	Number Please (P)	Bob Club (P)	Air Lane Dance (?)
Ten O'Clock Final (C)	Egyptian Variety Hour (S)	WDZ, Tuscola	Rythm Roundup (C)
Heap O' Living (C)	WCLS, Jollet	Kitchen Barn Dance	Master Work Hour (S)
Sunshine Hour (C)	Social Column of the Air (C)	Women, Just Women	Educational Forum (S)
Northwestern Hour (C)	All Request Revue (P)	Screw Ball Club	WFBM, Indianapolis
WMBI, Chicago	Stars of Tomorrow (S)	Corn Crib Hoe Down	Indiana Talent Parade (C)
Shut In Request Program (S)	WMBD, Peoria	Indiana	Early Birds (P)
Radio Sketches With Song (S)	Jay's Women of Today (C)	WHRII Anderson	Hoosier Farm Circle (P)
Continued Story Reading (S)	Cilco Town Crier (C)	Homely Innecessing (D)	Lyric Frogram (s)
Birthday and Anniversary Program	Petticoar Parade (S)	Household Foldin (F)	WIBC, Indianapolis
(5)	Invenile Theater (S)	Quilting Time (5)	Friendly Hous c
WHFC, Cicero	WIED Original	Mailbag (P)	Lester Huff at the Organ
Better Music Hour	Taring Country	Last Work In Sports (C)	Hoosier Request Time
Bing Crosby Request Program	Men on Street	WTRC, Elkhart	Melody Farm
WDAN, Danville	Pickatoon	Elkhari-At-Home (C)	WIRE, Indianapolis
Chatterbox Program (C)	Corn Belt Carnival	WGL, Fort Wayne	Farm and Home Hour (C)
Battle of Wits (C)	WROK, Rockford	Hey! Mr. Motorist!	B's at the Keys (S)
Juvenile Jamborec (C)	Add 'Em Up (P)	Name the Tune	Street Reporter (C)
Meet Your Postman, Policeman, and	Young Americans Club (C)	Kay Reporter	Serenade In the Night (C)
Fireman (S)	Town Crier (C)	Ciock Strikes Twelve	WBOW, Terre Haute
WSOY, Decatur	Musical Portraits (S)	WOWO, Forl Wayne	Si and Ezra (C)
Street Forum of the Air P)	WHBF, Rock Island	Morning Roundup (P)	Spin O Fortune (C)
Baseball and Basketball Play-by-	Tuvenile Theater (C)	Modern Home Ferum (P)	Valley Farm Hour (C)
Play (C)	Listen, Ladies (P)	Hoosier Hop (S)	Indiana State Educational Series (S)
WTMV, East St. Louis	Play Burge (quiz) (C)	Old Songsmith's Happy Club (S)	lowa
Melody Man (C)	WCBS, Springfield	WIND, Gary	
Opportunity Knocks (5) Swing Time (C)	1420 Club (P)	Sports Edition (P)	WOI. Ames
Collinsville Newspaper of the Air	Musical Clock (P)	Changing Scene (S)	Mid-day Music (5) The Music Shop (5)
(C and P)	Kura! School of Music (5)	Normwestern Flayshop (5)	

Betty Wells Program (3)	KSCJ, Sioux City	KOAM, Pittsburg	WLAP, Lexington
	3	(2)	10 mm 12 mm 14 mm
WMT, Cedar Rapids, Walerloo	the Stoux Cityans (S)	Amateur Hour (C)	Man on street (C)
Toby's Commerci News (C)	Tewn Chers (P)	Hillbilly Juminaree (C)	Morning Round-up (P)
Family Party (C)	KTRI, Sioux City	Town Talk Program (C)	WAVE, Louisville
Magic Kitchen (P)	Lits Majesty The Baby (C)	Community Editor (C)	Melody Time (S)
Question Man (C)	KTRI Players (S)	KSAL, Salina	Man on the Street (C)
WOC, Davenport	Naws Every Hour on the Hour (C)	Possing Parade (C)	WHAS, Louisville
Tri-City Circle (P)	7	Morning Hymna; (C)	Paul Sullivan's Program (C)
Gues: of Honor (C)	Vansas	Dinner Dividends (C)	Dick Fischer's Program (C)
WOC Mail Bay (P)	KGGF, Coffeyville	Reyal Crown Club (C)	Modern Music Hall (S)
KWLC, Decorah	Jungers Amateur Haur	WIBW, Topeka	Early Morning Janaboree (C)
Radic Chapel (P)	Junior Chamber Roundtabie	E. C. Ouigley's Sport Forum (S)	WINN, Louisville
Hymns We Love (S)	Musical Cock	Kanses Roundup (C)	Swing-I-Q (C)
Infornational News Review (S)	Pickwick Man on the Street	Uncle Abner's Postoffice (C)	Mortal Classics (S)
KRNT, Des Moines	KTSW, Emporia	Golden Bell Trent Show (S)	Bar Nuthin' Ranch (C)
Tall Carn Time (C)	The Brainbusters (C)	KANS, Wichita	Tuneful Ticktocks (P)
Tommy Thempson's Program (S)	The KTSW Showman (S)	Spines Yawn Pairol (C)	WOMI, Owensboro
KSO, Des Moines	The Gilson Players (S)	Whats The Name of That Song (P)	Stork Express (C)
Hawkeye Dinnerthne (P)	Ruinio Amateur Hour	Yingling's Over the Rainbow (C)	High School Spelling Bee (C)
Charlie Flagior (C)	KIUL, Garden City	The KANS Cock Book (P)	Tex Justus Barn Dance (P)
Inquiring Mike (C)	Bennillon Trio (S)	KFBI, Wichita	Musical Clock (P)
Sum Fun (S)	KVGB, Great Bond	Dinner Bell Time (P)	WPAD, Paducah
WHO, Des Moines	Gospel Singers (C)	Derby Football Revue (C)	Goldbloom Coffee Pot
Iowa Barn Dance Frolic (C)	We the People Sing (5)	Farmer on the Dial (P)	Lang's Line of Fortune
Veterans' Forum (S)	beals at the Baldwin (P)	The Sunity Serenade (C)	Sastinite .
KVFD, Fort Dodge	KCKN, Kansas City	V	Dunisiano
Lady Luck (C)	Dance With America (C)	Nentucky	KALB, Alexandria
Cathedral In the Night (S)	Noon Hour Clock (C)	WLBJ, Bowling Green	KALB Farm and Home Program (S)
Chapel Quintette (C)	The Magic Carpel (C)	Friendly Neighbors (S)	Dr. Gem's Program (C)
Song Shop (S)	Reinnot the Headlines (C)	Lady, Lend An Ear (C)	Royal Crown Musical Quizzer (C)
KMA, Shenandoah	KFKU, Lawrence	WLBJ Listening Post Frour (P)	Louisiana College Presents (S)
Jessie Young's Program	Your Health Program	WHOP, Hopkinsville	KVOL, Lafayelte
KMA Country School	Startes for Elementary Grades	Goolear and His Kentuckians (C)	Mello Joy Bonanza Broadcast (C)
Kitchen-Klatter Program	University of Kunsas Roundadie	Brown County Revellers (S)	Reyal Crown Cola Program (C)
Early Morning Roundup	Book Club Program	Sports Review (C)	Sports Program (C)

Hilly Billy Jumbores (C) WNOE, New Orleans

Lix Midnight Dancing Party Cotta Get Up Program Leuisiana Marches On WWL, New Orleans

Musical Clock Program: (C) Cownlusters (C

Emer's Jitale Jamostee (C) Melodies : y Marrd (S)

Majering Music Prest an (C) hintor Talout Party (C) KRMD, Shreveport

Women Ir. the News (5) Housekooper's On its (8) KTBS, Shreveport

Daily United Pres War Commentary S Div. Column Sports Review S. Orenids To Yeu (C)

Muster Minds of Tornoutow (C)

Rice Eros, and Their Gimy (C) Religious News Reporter (S) Wiley College Chair (5) Salt and Peanuts (C) KWKH, Shreveport

Gerold Sourcier Sings What's the Answ.r First Person Plural WCOU, Lewiston

Maine

The Three-A Safety Man (S) WCSH, Portland

Meat On the Table

The Parry Line (F) WGAN, Portland

Workin's Treasure Tips by Telephone Late Risers Club (P) Ken MacKenzie, Yodelling Cowboy Russell Dorr's Program (3)

Maryland

WBAL, Baltimore

Round the Dinner Table (P) Mary Landis' Program (P) Time for Romence (P)

Here's Now (C) ark Pot (S)

Previktust Jime (P)

John Varney's Moderne Cuintette (P. WCAO, Baltimore

Oon Riley's Sports Review Your Priendly Neighbor (=) Arrow News Reporter (C)

Cutzz of Two Cities (C) Comived of Fun (C) WFBR, Baltimore

Merching in Maryland (F) WTBO, Cumberland Open Bruse (C) Vanity Fair (P)

Cumeerland Town Meeting of the It's All Yours (P)

Cumberland Valley Charasters (S) Tomerrow's Headline Sports (C) WJEJ, Hagerstown

Massachusetts Municipa, Bana (S) Skerobbook Players

in: Britt's Frorts Review (C)

Christian Science Monitor News

M-1 Reporter (5)

WORL, Boston

920 Club (P) Programs

WSAR, Fall River

450 Chub (S)

Menes' Student Eadle, Club (C) Soldiers' Quiz (C) WAAB, Boston

Your Singing Neighbor (S) Suth Mrss Interviews (S)

Man on the Street (C)

WEZ & WBZA, Boston & Springfield Yown Meeting On the An (S)

Vorning Toust (P) Musice (C)

Knights of the Whirling Disk (P)

The Birthday Box (C)

WHAI, Greenfield

Local News (P)

Entertainment Time (S)

WOCB, Cape Cod

You and Your Neighbor (C) Pada Onbestra Eall (S) WCOP, Boston

Music Academy or Air (S)

Passporrs to Piccisure (P)

Cape Cod Cwiz (C)

Orchids :: You (S) Piso W Sumo (C) Slow Busness (S) WEEI, Boston

A Village Speaks its Mind (C)

Parmer's Almanac of the Air (C) WEEL Front Fair (P)

Eventice Moods and Memories (S)

WBRK, Pittsfield Prof. Query (C)

Auditions On the Air (C)

WLAW, Lawrence Yawr Pulial (C-P)

F. B. Rideaut Weather Service (C)

Julie Elmins Sond Circle (3) WMEX, Boston

Alexander Thiede Conducts (3) osoph H. Tall's Hour (C) Shythm Revue (S) Justin Tano (3)

Hans Vigeland's Concert Orch. (C)

WMAS, Springfield

Sweet and Swing Club (P.

310 CH; (P)

Quiz of Two Cities (C) WNAC. Boston

Spreading New England's Fance (C) New England Town Earl Parry (C)

Inside of Sports (C)

Dedicatory Broadcast to Admiral WTAG, Worcester

You're On the Carret (C) Sidewalk Interviews (C)

Byrd (S)

Molodies From the Fireside (C) Rasio Theatre Matinee (P) Star Interviews (3)

# Michigan

Sus Laenschen's Ormestra (C) News Comes to Lile (C) Music Maestro (P & C) Shudes of Melody (S) Peaceful Valley (S) Ludy of Charm (C) Hermit's Cavu (€) WMBC, Detroit WXYZ, Detroit WJR, Detroit

Challenge of the Vukon The Green Horner The Lone Ranger

Ned Jordan, Serriet Aspent

Flint Gems Baseball (S) Blucs Chasers (P) WFDF, Flint

Skeets & Playcoys (S) WLAV, Grand Rapids School Mirror (S)

Little Red Schoo' Nouve (S) Final Edition (C) Quizzing Bee (C)

WOOD-WASH, Grand Rapids Happy Valley Fralia Sidewalk Interviews Sourch For a Star Open House (C)

Preakfast Bingo (C) WJIM, Lansing

Physh in Request Edunating (S) Trousure Ches. (C) WCAR, Pontiac

Theorial Little Early (C) Wieltigan Round-up (P) Food for Thought (C) Mer. et. Wings (S)

WHLS, Port Huron

Aunt Jane's Story Rock House (S) Michigan Thumb District Setteral God Mar Farm Promount (P.)

Kuy Kundle Columns of the Air (C) Hidden Dollars (P) WSAM, Saginaw Birthday Club (C) Howdy Folks (S)

Health Club (S)

Minnesota

KATE, Albert Lea

fourt of Missing Heirs (C) Wouncer's Calendar (C) Fig. Hymn Singer (S) Your Opinions (S) KDAL, Duluth

Voon Extra Program: (C) Broadcas: Thearer (S) Drry's Digos: (C)

Quiz of Twin Ports (S) It inv's Rest Buys (S) Woman's World (P) Menu Metimee (C) WEBC, Duluth

Rev. Meets Gir. (S)

KYSM, Mankalo

Mid-day Merry-go-Round (P) KYSW hirhday Pary (S) Sunshin Dienertine (C) Caizzer Rie (C)

WCCO, St. Paul-Minneapolis

Saturday Morning Open House (P) Ciddle Quiz (C) Sunrisers (P)

Backgrounding World News (C) WDGY, St. Paul-Minneapolis

lappy Hollow Program (C) Permyard Follies (C) Coffee Clair (P)

University Convocations (S) WLB, St. Paul-Minneapolis Cleek and Calendar (P)

Music Appreciation Series (3) Classroom Lecture Series (S) (S) well and Tallon and New (S)

Vews of Women for Women (C) WLOL, St. Paul-Minneapolis Happy Valley Gang (C)

WMIN, St. Paul-Minneapolis Story-Jone Girl (C) Uncle Ray

All Nite Stand (P) Open Forum (S) Safety Club (S)

Church Music Approviation (S) WTCN, St. Paul-Minneapolis News to Come (C)

From Prign of the Air (C) Strikes & Spares (C) KROC, Rochester

Bick Tock Topics (C) (ROCTresents (S) Voor Frelies (C)

WHLB, Virginia

Vew Angles on Anglang (C) Daily Sports Review (C) cveri: Shi.w (C) KWLM, Willmar Please Flay (C)

Happy Bill and Friendly Badio The Lake and Jumboree (S) Troupe (P)

Rapsody of Ivery (S) Eammonduires (C) Owl Reporter (C) KWNO, Winona Kiddie Kuiz (C)

Mississippi WCBI, Columbus

Agger Sisser, Musical Clock (C) Jndle Zeke's Program (C) ax Pigskin Panade (C) Sicco Kiddy Club (C)

Speaking of Society (C) Read 'em and Reap (3) News Round Up (3) WJPR, Greenville Juppy Harry (5)

The Dream Girls (C) The Grab Ban (P) Wemen's Chub (P) WGCM, Gulfport WSLI, Jackson 30atmon's "C"

atco Community News (C) WSKB, McComb Happy Housewife's Hour (P) Mississippi Farm Hour (P) WSKB Band Wagon (C) Devotiona! Hour (S)

Missouri

CFUO, Clayton-St. Louis

Music Appreciation Hour (S) Musical Magic Carpet (S)

Nomen's Radio Journal (P) KFRU, Columbia

Musical Clock (P) Village Choir C)

KWOS, Jefferson City Man on the Street (C)

Top Tune Time (C) Birthday Bells (C)

KCMO, Kansas City Quizmaster (C)

Eight O'Clock Edition (C) Miss "Q" (C)

Eleven O'Clock Final (C) KMBC, Kansas City

Brush Creek Follies (P & S) KMBC Happy Kitchen (P) Oinner Bell Roundup (S) Sarly Birds Show

Rhyme-A-Line Time (C) KWOC, Poplar Bluff

Mothers Best Mountaineers (C) Piano Rumlings (C) Sports Final (C)

Music for the Dance (P)

KFEQ, St. Joseph

The Pony Express Roundup (C) ust The Other Day (C) KFE Cuties (S)

Where to Go Tonight (C)

KMOX, St. Louis

Magic Kilchen (P)

The Land We Live In (C) Mellow Time (C)

Ben Feld Show (C)

Moments With the Masters (S) WEW, St. Louis

Roy Shaffer and Nat, Champ. Musical Clock (P)

Sacred Feart Hour (S) Hillbillies (C)

Breaktast Club (P) WIL, St. Louis

Today's Winners (S) Dawn Patrol (P) Misler Fixil (S)

Montana

Movie Magazine of the Air (C) KFBB, Great Falls The 6:55 Club (P) KRBM, Bozeman

KFBB Kcurtesy Kitchen (P) Port of Dreams (S) In The Sportlite (S) KGVO, Missoula Dude Ranch (S)

KGCK, Wolf Point This & That (S)

Skeets Shaw at the Solovox (S) Ralph Bray and His Rainbow Montant Pete (S) Players (P)

Nebraska

Omana Remote Program Telaquiz Program Daily Devotions KORN, Fremont

oe Lukesh Bchemian Orchestra (P) CMMI Homemakers Club (P) Shoppers Guide (P) KMMJ Ranch House (P) KMMJ, Grand Island KHAS, Hastings KMMI

Blue Monday Jamboree (P) Saturday Night Roundup (P)

Swanee and Nancy (P) KGFW Farm Hour (P) Nebraska Troubadour KGFW, Kearney

Steve Chrastil Bchemian Band (C) Central Nebraska News (P) Wcmen's Home Forum (P) KOIL, Omaha

Parade of the News (S) Man on the Street (C) The Other Woman (C) Farm Facts & Fun (S) Lyle & Eddie (C) WOW, Omaha

New Hampshire

WINH, Laconia

<u>0</u> Children's Magic Circle The Treasure Chest (C) Moods and Moments (S) Pre Birthday Party (C) Home Half-lour (P) WFEA, Manchester

New Jersey

News on Parade (C)

Cooking School of the Air WCAP, Asbury Park Shore Shopper

Noman's Page of the Air (P) WBAB Farm Almanac (P) Amusement Page (P) WBAB, Atlantic City Studio Varieties (S) Meet Our Visitors Studio Theatre (S)

talo-American Opera (P) 133 Club (P) Midnight Jamboree (P) Musical Rainbow (C) WOR, Newark

WFPG, Atlantic City

Martha Deane's Program (P) Sishop Alma White (S) Meet Mr. Morgan (P) WAWZ, Zarephath Jucle Don (P) Janceland (P)

Ray B. White Ilome Orchestra (S) New Brunswick Public Schools ubilate Girls' Chorus

New Mexico

Women in the News The Feminine Touch KOB, Albuquerque Woman's Club (C) Men in the News KLAH, Carlsbad Road to Cibola Radio Riddles

Noman's Club of the Air (P) Sunshine Special All Request Spanish Program (P) Theatre Parade (C) KVSF, Sante Fe Program (P)

New York

Albany Senators Baseball (C) Sidewalk Sidelights (C) WABY, Albany

සි ක්රස & ල්	(waijans (S) Nick 'N' Red (P)
WINS. New York Copydesk (S) Horse Racing Results (C) Musical Mysteries (S) Don Dumphy's Highlights of Sports (S)  Wiz, New York For program information see sustaining and commercial programs of National networks in another section of this volume.) WITH, New York Jewish American Board for Peace and Lustice (P) Questions In the Air (S) A Program on Americanism (S) Jewish Amateur Hour (C) Story of My Song (C) WMCA, New York The Original Goodwill Hour (C) Laby A Program on Storel (C) Story of My Song (C) WMCA, New York The Original Goodwill Hour (C) Laby Misherm's Mollines Homemakers (P) Johannes Storel (C) Story of My Song (C) WWEW, New York Nocture (S) Start the Day Right (C-P) Dance Parade (C-P) WOV, New York Nocture (S) Symphony Hour (S) Symphony Hour (S) Symphony Hour (S) Symphony Holl (\$ and C) String Classics (S) Breakfast Symphony (P) Lust Music (P) WHLD, New York Quizz Court (C) The Professor Ponders (C) Sylvia Barnum and E. Whistler (S)	Maebelle Wegener's Hawaiians (S)
The Faculty Species (S) Cornor Book Shelf (S) WENY, Elmira  Julk Quiz (C) American Legion Roundrable (S) Day Dreams (S) Little Curiosity Shop (S) WGBB, Freeport  Right Time for Listening (C) Dame Music "A La Carte" (C) WHCU, Ithaca Furn. and Home Hour (S) Sid Ten Eyek and the Sports (S) Thaca College School of Music Talent Program (C) Calling Worren (P) Minc-O. Nine (S) Minc-O. Nine (S) WGNY, Newburgh Premity Sharr (C) Calling Worren (P) Minc-O. Nine (S) WGNY, Newburgh Premity Sharr (C) Cay Sisters' Program (C) Penny Sharr (C) Cay Sisters' Program (C) WABC, New York (For program information see sustaining and commercial programs of National networks in another section of this volume.) WHN, New York For program information see sustaining and commercial programs of National networks in another section of this volume.) WHN, New York For program information see sustaining and commercial programs of National networks in another section of this volume.) WHN, New York For program information see sustaining and commercial programs of National networks in another section of this volume.) WHN, New York For program information see Sustaining and commercial programs of National networks in another section of this volume.) WHN, New York For Program (C) Chaight's Best Story (S) Kid Wivards (S) Cinderella Hour (C-P) Bowery Mission (C) Chaile McCarthy's Early Bird (C-P) Soldiers With Wings (S)	American-Jewish Swing (C)
Grand Theatre Amateur Night (C)  WOKO, Albany Montgomery Ward Musical Clock (C) Speaulding Quik Quiz (C) Speaulding Quik Quiz (C) Speaulding Quik Quiz (C) Speaulding Quik Quiz (C) Speaulding Library WARD, Brooklyn Whar Shall I Do? (S) America Lives (S) Irisk Echees (P & C) America Lives (S) Irisk Echees (P & C) Model Birle Study of the Air (S) WCNW, Brooklyn Swing-Hi Club (S) Tea Time Seronach (S) Thiosopher Advisor (S) Thiosopher Advisor (S) The Warderor (C) Personality Parrate (S) We, the Veretrans Sreak (S) Philosopher Advisor (S) The Warderor (C) Personality Parrate (S) When, Buffalo International House Party (C) Sally Work (P) Solly Work (P) Solly Work (P) Schoes of Poland (P) Saturday Night Review (S) WERN, Buffalo WERN, Buffalo People's Forum (S) Wern Community (S) Liberty Children's Hour (C) Sidewalk Slants (S) Your Community (S) Liberty Children's Hour (C) Take A Guess (S)	Compus Personalities (S)

Timexeeper Program (P)

Dusty Miller's Program (C) Strings and Things (S) Double 1t Program (C)

Ameko Musica: Clock (C) Women In The News (C) WIBX, Utica

Court of Kings (3) Yawn Putrol (C)

Westchester Brenckfust Club Roviows of the News WFAS, While Plains

Your Album of Music Your Program

Auto Forum of the Air (C) WWRL, Woodside Grab Bag Quiz (S) North Carolina

X of C Debate (S)

Western North Carolina Farm Hour Top O' the Mornin' (C-P) WWNC, Asheville

Saturday North Roundup (S) Professor Curb-World (C)

Grady Cole's Farm, Club (P) B. C. Ranch Times (C; WBT, Charlotte

William Winter's Commentary (C) The Briathoppers (C) WSOC, Charlotte

Elementary Education Program Choerwine Lady Luck Dance Hour Program Jalloon Busters (S)

WDNC Thearer Gui'd (S) Southern Plantation (S) WDNC, Durham Song Styles (C)

Headline Quiz (C)

Old Songs for New (C) s That Your Name? (C) WCNC, Elizabeth City Mail Baq Program (P) Round the Town (P) WFNC, Fayetteville

The Fort Bragg Hour (C) Youth or Parade (S) WGBR, Goldsboro

umberton Hour (P)

Bright-Lites of Sport (C) Around the Clock (P) WBIG, Greensboro Rainbow Gold (C. 370 Club (P)

Owendolyn Farrell's Broadcast Elizabeth Spetts' Songs Erlu Necse's Program

Answer by Jelophory (C) Alarm Clock Courset (C) Jole Thy Neighbor (C) Dedicated to Year (S) 'arm Highligh's (P) WGTC, Greenville WEIG Ensemble

Zail Bag Program (P) Vusical Clock (P) NRAL, Raleigh WFTC, Kinston

reddie Johnson Direitaus Southal Prison Verneties Carolina Piaymakers VSTP, Salisbury e.e. ir. Mineroy

Aussel McIntyre Entertains (C) Happy Roving Cowboys (S) (adkin Valley Hocdown (S) Sobvan Camp Swings (S) Coffee and Doughnuts (P) Mary Jane and Hapry Moditories Period (S) WMFD, Wilmington

4. rmony Singers

WGTM, Wilson

Austand and Gravy Program (C) Rosser Fowlkes' Program (C) Once Upen a Time (S) NAIR. Winston-Salem WSJS, Winston-Salem Downtown lackpot (C) Dellars for Sense (P) Molody Time (C) live at Five (P) Dear Diary (S)

North Dakota

Number Please (P)

Memory Basebal (P) KDLR, Devils Lake Juckoo Quiz (S) KFYR, Bismarck

(DJR Amateur Show (C) articlay Bolls (S) orners Hour (P) Jukota Best (C)

Meet Your Neighbor (C) Home on the Farm (C) Haylott | missione (C) KFJM, Grand Forks NDAY, Fargo

Golden Harvest Reguest Proman (C) Horbergor's Velody Quiz (C) arte Risers Program (S) Stars of Tempinow (C. Words and Music (C)

inquiring Mike Program (C) Storybook Lady (S) KRMC, Jamestown Tiny Troopers (S) Ausical Clock (P)

Menday Evening Dancing Party (S. (GCIJ Parr Dance (S) KGCU, Mandan

WHK, Cleveland

Ohio

WADC, Akron

Rootball Serreboard (S)

Hener Bell Puzzle Program (S)

Main Street Opinions (C) 411 Request Program (P) ucky Money (C) Stumpus Club (P) Home Edition (P) Bond News (C) nformation (S) WIW, Akron

Misseuri Fexhanders (S) MCA, Ashtabula Prof. Stump (C)

Acadlines of Yesterday (C) Highlights of Sporrs (S) WCKY, Cincinnati Hot Coffee Club

Request Review Year Pregram Mern Patrol lime to Kil

The Woman's Hour (P.) The Dawn Patral (P) WKRC, Cincinnati us; for You (C)

The Johnson Family (C) Scoremy Kitchen (P) WCLE, Cleveland

Buri's American Shaw (C) Matinee Dance Time (C) Sugou: Interviews (C)

Parade of Nations (C) Cultural Institute (S) WGAR, Cleveland

Wings Over Tordan (S) College Workshop (S) Wha's the Law (S)

Discoveries Program (C)

Alumni Magazine of the Air (C) faculty and Student's Programs Good Morning Neighbor (C) unes With Your Toast (C) Svening Special 11 P.M. (P.) Oreganian Trail Blazers (S) Pennsylvania Your Unseen Advisor (S) Charmingly We Live (P) What's Going Or. Hare? Memory Jimekeeper (B) Me and My Shadow (S) he Worran Listens (P) Musical Scareboard (C) Oreganian Matinue (P) Alarm Clock Serenade Gift of The Orient (C) Inchanted Garden (S) Faithfu, Stradivar; (S) Midnight Jambaree (P) Sunshine Express (P) Round The Town (P) Try's Wrangers (S) News Prog ams (C) cumer's Exchange WHJB, Greensburg The Acquest Party WSAI, Grove City Man on Street (C) This and That (F) Slumber Boat (S) Novelenders (S) WIBG, Glenside KALE, Portland KGW, Portland KWJJ, Portland Sport Court (C) Danceland (C) KEX, Portland Carly Bird (P) WLEU, Erie 3cb Wills and His Texas Playboys Spin and Win with Jimmy Flynn <u>C</u> Slips That Pass In the Mike (S) What Lane County Thinks (P) Mr. and Mrs. John Average Metrymakers Program (C) its a Woman's Warld (S) (ORE Swap Program (C) The Juvenile Matince (S) Santa Claus Program (C) Radio Kitchen Party (P) Sance With America (C) Southwestern Serenade Oregon Weekly Sports Review 4t Your Command (F) WKY, Oklahoma City Highway of Sports (S) 7cm Larky Break (C) Oklahom: Speaks (S) Oklahoma Speaks (S) Merning Greeting (C) Jarsity Varieties (S) Vr. Yes and No (C) Howdy Program (C) Vews In Review (S) Merning Watch (P) Camplire Embers KODL, The Dalles 'armers Hour (C) Cerb Stone Kwiz This Is the Story KGFF, Shawnee Odds and Ends Swinghilles (C) KORE, Eugene Citchen Klock KOME, Tulsa KVOO, Tulsa KTUL, Tulsa KBND, Bend News or the Hour Every Hour (C) Mother Hubband's Cupboand (P) Musical Masterworks Hour (S) A Woman's Point of View (P) Let's Get Someone a Job (C) Emer Goofus Heskin Family The Harderd Radio Quartette Brown's Morning Watch (C) Wrs. Taleda Perks Up (C) The Three Skades of Blue Selby Classmate Hour (C) The Periscope Broadcast Your Neighbor's Voice (C) No You Know Sperts? (C) Oklahoma Silver-Dollar Teletest (C) Sidowalk Interviews (C) Home Maker's Club (F) KOCY, Oklahoma City Pat the Pantry Man (C) KTOK, Oklahoma City For Women Only (P) Captain Reckless (S) Rockets Program (C) WSTV, Steubenville Eula Musgraves (C) Zumpus Capers (P) Rithday Parry (P) Sunny Corners (S) WJAY, Portsmouth Sports Review (S) WHIZ, Zanesville Money Talks (C) POLLY Wise (C) KASA, Elk City by Request (P) Town Crier (C) WTOL, Toledo WSPD, Toledo Cood Quiz (C) 21C Club (P) Si Burick's Sports and News Views University Symphony and Corcert Faculty Talks and Round Tables (S) Fom Manning's Sports Program (C) Songtime with Keyboard Cheir (C) Radio Junior College Courses (S) Women's Club of the Air (P) Columbus Town Meeting (S) Renz Talk of the Town (C) Songs Sweethearts Sing (S) Henry Lange and G. P. (C) Variety Clock Program (C) Ohio School of the Air (S) Great Days In Dayton (C) Round Rebin Bryinw (P) Gardner's Silver Lining Sports by Sweening (C) Inquiring Reporter (C) olly Juvenile Program Know Your Notes (S) Junior Show Boat (S) Trouble Shooters (S) Del Rio Cowboys (S) Harmony Haven (S) WTAM, Cleveland WOSU, Columbus Blattner's Quiz (C) WMAN, Mansfield WHKC, Columbus Bowling News (C) WCOL, Columbus Sports Parade (C) WBNS, Columbus Buckeye Four (C) Gordon Aires (S) Hired Hands (P) Early Werm (P) WHIO, Dayton Amateur Hour WLOK, Lima Who's Who Band (S)

# KQV, Pittsburgh

Moor Your Neighbor (C) Ausic For Reading S. Runs Chasers (F) cbs Wanted (S) WKST Birthday Club of the Air (S.

The Streamliners (P)

Number Pieciso (P)

WKST, New Castle

Musical Building Blocks (C)

Hogr Yourself (C)

WKPA, New Kensington

Rhyme & Rhythm (S)

Repeat It Please (C)

WCAE, Pillsburgh azy Rhapsody

Sepaisticated Ladies WWSW, Pittsburgh he Airlines

Bours of Education Features (S) Perfights and Standust (C)

blocard Eventer (P) Golden Hour (S;

> Besse Howard Looks At the News Kerby Cushing's Sports Program (C)

The Happy Corks (S)

WCAU, Philadelphia

Music for Moderns (S)

KYW, Philadelphia

Zarm Program (P.

Ruph and Hal (C) WARM, Scranton Kiddle Show (C) Finel Edition (C) Quiz Hour (S)

> Horn & Hardart Children's Hour (C) Laura May Stuan's For Women Only

Marrier Carpet (S) APIC, Sharon

Sturn The Staff (S) Ring and Paul (C) WKOK, Sunbury

Sunshine Almanac (S) Reyal Entertainers (S) Organi Doctor (S)

Saturday Evening Jamboree (P) John Amateur Hour (C) WRAK, Williamsport WMBS, Uniontown smile-A-While (P) Musical Clock (P)

fels Golden Bars of Me.ody (C)

Mystery History (S)

WIP, Philadelphia

DeSolo Quiz Carayan (C)

WFIL, Philadelphia

Hoosier Cornhuskers Store of Gold Molody Men

Lundy Quiz

Nine O'Clock Scholars (C)

Dollars To Denuts (C)

Easy Does It (P)

Dialing For Dollars (C) Philadelphia Orchestra

Music In the Night (S)

Treasure Trails (S) Evening Educes (S)

OKA, Pittsburgh

ap Time (C)

Carolyn ·ti Rhode Island Adventures Sidewalk Backtalk (C) WEAN, Providence Everyday

WJAR Childrens Fto (S) Sverybody's Sport (S) Brewity Review (P) WJAR, Providence

Housewives Radio Exclange (P.)

# South Carolina

A Promy Gul Is Like a Melody WCSC, Charleston WAIM, Anderson Mess Hall Music Cris Krinele Quiz Missary Methalos

Swing Low, Sweet Charlot (S) Gir. 3 St. Kwizz Klass (C) Stars of Tomorrow (S) Jood Neignbor (C)

Maney For Your Thoughts (C) WTMA, Charleston The Setaphook (C) Wir Cuiz (C)

Theater Adds of the Air (S-P) Cubinet Maker (C) WCOS, Columbia Community Ouiz Johnnbia Hall

Balenane's Aristocratic Pigs (C) Black Dranght Hillsilles (C) Strietmann's Street Man (C) Aplan Musical Millers (C) Pine-State Penitentiary WIS, Columbia

lorence Highschool Program (S) Super X Street Broadcast (C) Sunday School Time (S) Tiny's Program (C) WFBC, Greenville WOLS, Florence

im Reid's Sports Column of the Air Housekeeping—A Hobby James Dawson's News Commentary he Balladesis

Sunday Irymu Singing (S) Carolina Charkenarks C Converse College Hear (S) WORD, Spartanburg Shythin Rengers (C) WSPA, Spartanburg Song and Story (C) WMRC, Greenville Sulletin Board (P) ently Weem (P) ane Datton (C) Swine Ultre (P.

News of the Hettr on the Four Royal Crown Missical Cuiz WFIG, Sumter Yawn Busters

s That Year Name? (P)

# South Dakota

the Pecyle On the Platform (C) KABR. Aberdeen Picy Time (S)

Remainse In Source (C) Curbsonny Gossep (C) (FDY, Brookings

Vocational Problems (S)

Names and Numbers In Dance Time From the Campus (S) KOBH, Rapid City

Bean-Bag Burgain busters (C) The Bottom Doular (C)

The Countly History Series (S) Ma Brown and Her Boys (C) Eashions In Musi · (S) KUSD, Vermillion WNAX, Yankton

Paraland Penniiela Program (C) Sunday Get-Together (C)

Tennessee WOPI, Bristol

Loking At the News (C)

Of Stars and Stripes (S)

Powers Gourand (C)

WDAS, Philadelphia

Every Hour On the Hour News (C)

Merry-Go-Round (P)

Band Hotel (P)

Nocturne (S)

<u>©</u>	KTSA, San Antonio Kalisan's Trading Post (C) Our American Way (S)
Morring Pager and Coffee (P. KBST, Big Spring) What's Doing in Big Spring (C.) Sunset Reveries (S.) Curbstone Reporter (C.) Birthay Chub (C.) KGLI, Brownsville College Kapers (S.) The Garden Club (S.) The Garden Club (S.) The Garden Club (S.) KRID, Dollas Mr. Dedges Quiz Program (C.) Crade Club (S.) Silvouertes Program (C.) Crade Club (S.) Silvouertes Program (C.) Fom The Pages of Time (C.) You Might 3e Right (S.) WRR, Dallas Early Birts (P.) Mon. Tucker's Smille Program (C.) Fom The Pages of Time (C.) You Might 3e Right (S.) WRR, Dallas Hight on to Melady (P.) Noo. Hour Varieties (P.) Bushess Builders (C.) KDNT, Denton 142, Club (P.) Ronadup Program (P.) Monder Story Eour (P.) Madget Story Eour (P.) Ma	Piriv (Americality Nows (C) Amuteur Hear (C) Phono-qaiz (C)
Aity or interviews (C) Mant or the Street (C) Young America Cluir (S) Words and Music (S) Words and Music (S) Words and Music (S) Funces Craig's Music from the South (S) Wash. Nashville Grand Ole Opey (C) Starday Down Scrib (S) Candary Down (C) Straigned With Burbara (P) Hymns You Know and Lowe (C) Straigned With Burbara (C) Straigned With Burbara (C) Straigned With Burbara (C) Straigned Views the Air (C) Nearth Amerillo Wee Lacura Views the Mowa (C) Straigned Wiews the Street (C) Austin Cardy Nest (Down (C) Die Lacidy Nest (Down (C) Uncho Charley Reads the Funnies (C) Modernistic Meladic (C) Pury Line of the Air (C) Erre Wayne (E) Street (S) KRIC, Begumment	Mussel Mystenes (2) Free Sorr Find (8) Haddle Time (8)
Man on the Street (C) School of the Arr (S) WAPO, Chattamooga The Melody Lingers (C) Sweet and Swing (P) Whor's the Priner (C) Music Beautital (C) WDOD, Chattamooga Sulpte to the Schools (C) The Little Show (S) WHUB, Cookeville Esso American Program (C) Suntise Rounday, Furn Haur (S) Afternoon Varnety Show (P) WHUB Jamborce (S) WHUB Jamborce (S) WHUB Jamborce (S) WTJS, Jackson Have You Got F (C) Strup Iron Quartet (C) Scrup Iron Quartet (C) Surface and You Call you (C) Surface of the Pary Tell ty and Future (C) Surface of the Pary Tell ty and Future (C) Surface of the Pary (C) Shores Review (C) Illephilipius Iro Spar (C) MMC, Memphis It's a filt (C) Svars' Young America Sings (C) Mid-Scuth Furm and Franc (F) Dixie Jamborce (S) WMPS, Memphis	Cols. on the Koys. (S)  WLAC, Nashville Old Dirt Dobber (C)

Unusual Pecale, Places and Taings

Brickputs and Bouquets (P)

Newscasts (Cland P) WOAL, San Antonio

So You Think You Know Fushions Southwest Radio Reports The Story and the Sona KRRV, Sherman

R d River Valley Jamboree (S) Racio Singing Convention (S) Professor Quizz Master (C) KXOX, Sweetwater

What's Doing Around Sweetwaler Knew Your Neighber (C) Kiddie Kollege (C)

Czech Melody Hour (P) Varieties in Melody (C) ust We Two (5) KTEM, Temple

Plue Jacket Jamborre (C) KGKB, Tyler

News on the Hour Every Hour (C) Man on the Street (S) Listerers Club (P) 500 CIVE (P)

Chicoline Variety Time KVWC, Vernon

Woman's Page of the Air (P) Story Club of the An KWFT, Wichita Falls Poems and Molody Social Calendar Party Line

Monday Night Roundup (S)

Saturday Jamboree (P)

ust Musing (S)

KIO, Ogden

Hello Netahbor (C) The Vocations (S) Musical Train (P)

unior Wranglers (S) KOVO, Provo

Red and White and You (C) Arthur Galth Comments (C) (DYL, Salt Lake City

or Housewives Only (C) Am An American (C) KSL, Salt Lake City Kitchen Quiz (C) Singtime (C)

Albert Shepherd's String Ensemble Story Telling Time (S) Jetters of Doom (S.)

Sunday Eventra On Lemple Square

4.11 Around Sports Coverage nside Story on Sparts sonn-day Heat Wave KUTA, Salt Lake City Musical Almanac

Vermont

Calling All Women (C) You Asked For 1 (3) hree Ring Time (C) WDEV, Waterbury WCAX, Burlington Padic Journal (C)

Wax Raney's Hi-Boys Wini and Her Muric cuscovives Forum Sirtnay Party Virginia WCHV, Charlottesville

Tine for Sports (C) WSLS, Roanoke Cedays Seng (C) Great Moments From Great Music National Dance Parade (C) Foday's War Commentary Scarterizain Reporter (P) l'own Criet (S)

Your Sideline Quarterback (S) Jan Valley Visitor (C) Chiner Time Frolic (P) Can River Show (S) WBTM, Danville

Kiddies Christmas Theater (C)

Spin-O-Quizz (C)

WLPM, Suffolk

Siddies' Santa Gooth (C)

WSVA, Harrisonburg Repeat I', Please (C)

Helson T. Huffman's Vocal Program The Clarion Radio Hour (C)

WGH, Newsport News Melody Quiz (C)

Norfolk Symphony Orchestra (5) The Ideal Quiz Program (C) Music With the Masters (5) Repeat II, Please (C)

Paramount Amateur Contest (C) Peninsala Philharmonic Orch (S) WTAR Salon Oran, (3) Curbstone College (C) WIAR, Norfolk

Green's Jackpot (C) WPID, Petersburg Wun a lob (S) ns arra Outs (S) 1210 Chila (C)

Watching The Wave (C) Cash Fo: a Song (C) Report It Please (C) WRNL, Richmond WRNL Players

S.d.y Sothern Elavorotes Morning Man Bag WDBJ, Roanake Page of Indigo

WDBJ Dramatic Guild (S) Con Wings of Song (S) Rhythm Caravan (S) Studio Party (S) Who Said It (C)

American Theater (S) KOMO, Seattle

Washington

KKRO, Aberdeen

Moet The Missus (C) Man on the Lot (C) Winnit or Losir (C)

KELA, Centralia and Chehalis Syncoparted Riddles (P) Man in the Street (P) ingle Club (C) Dood.eburg (P)

Joice of Morning Worship Noontinie Requests (S) Breakfast Club (P) The Party Line KEVR, Seattle

Pirancial District Slow (C) Pike Pinco Portudo (C-P) Mesecol Jambono (C)

KIRO Locie's Time Klock Klub (12) Father Goose Comes to Town (S) This Woman's World (P) Remance Time (C) KIRO, Seattle

Cotem News Reporter (P) A Woman Wanders (P) Mr. Wyde A. Wake (C) KJR, Seattle

Speaking of Sports (C) Garden of the Air (P) KOL, Seattle

Here's a Sount for Friday (C) Belly Lou Shops for You (P) The A3C Sentinel (C)

Cast. Debbs:e's Ship of Joy (C) Homekeepers' Calendar (P) Musical Handy Man (C)

News Program With James Abbe (C) uegos Prob.emas y Pasatiempos (S) Pro-phy-lac-tic Amateur Hour (C) Semi Weekly Boat Departures (S) The Woman's Radio Journal (P) Territory of Hawaii Heinz Hawailan Serenade (C) Good Morning Neighbor (P) News Magazine of the Air Puerto Rico Healy River High linx (C) Wyoming Maxwell House Party (C) Alberta Range Boys (C) KFAR Tolent Quest (C) Canada Alberta Programa Deportivo (P) Cancionera Popular (S) Alaska I'wo Daily Newscasts The Sportscaster (S) The Army Sings (S) Fransco Hawaiians KFQD, Anchorage Transradio News WNEL, San Juan To the Ladies (P) KFAR, Fairbanks CFRN, Edmonton KWYO, Sheridan KGMB, Honolulu Jawaii Calls (S) CFAC, Calgary Sportscycle (C) KTOH, Lihue Kresto (C) WSAU Farm and Hour (P) What's New - Ask Mrs. Grey (P) Marching Through Wisconsin (P) Billie the Brownie (C) Wisconsin College of the Air (S) Word Pictures and Tone Poems Wiscensin School of the Air (S) Heinie and His Grenadiers (P) Shopping With Arlawayne (P) fome and Neighbor Program WFHR, Wisconsin Rapids Homemakers Program (S) Cany Saleono's Band (P) Red Blanchard's Trio (P) Ann Leslie's Scrapbook U. P. News Periods (C) Homemakers' Heur (P) Man On the Street (C) Consolidated Hour (C) The Farm Review (C) Man On the Street (S) In a Quiet Corner (C) Janary Serenade (C) Heat Wave Frogram Way Back When (C) Rura, Round-Up (P) WEMP, Milwaukee WMAM, Marinetle WTMJ, Milwaukee WISN, Milwaukee Early Risers Club Hot Stave League Farm Program (S) WSAU, Wausau Club Continental Woman's Corner VIBA, Madison Sest Wishes (S) VHA, Madison Amateur Show Foir Band (C) Sports Parade Club Sixty (S) WSAZ Keith Albee Kiddle Party (C) WSAZ 1190 Club (P) Icusehold Institute With Cuinnelle United Press News Every Hour Pat and His Bulletin Board (C) Your Next Door Neighbor (S) Northern States Power News Clarksburg Sportscaster (C) WELK Woman's Club (P-C) Wisconsin Women's Radio Club (C) All American Sports (S) Durk A Denut Club (P) Jecth's Breakfast Club Man on the Street (C) Man On the Street (C) Your Music Lesson (S) Tri State Roundup (C) WAJR, Morgantown WIAQ, Green Bay Musical Pictures (C) WEAU, Eau Claire WBTH, Williamson Social Hi Lights (S) WSAZ, Huntington Esau 'n' Mose (C) Campus Jamberee KFIZ, Fond du Lac WBLK, Clarksburg WCLO, Janesville Melody Time (S) Yawn Patro! (P) Add 'En Up (C) Cozy Corner (C) 'ann Revue (P) Sperts Final (C) Sporticulars (C) WLOG, Logan loca! News (C) Stump Us (C) Girl Friends Home of Today and Builder's Clinic Local Newspaper of the Air (C) West Virginia Good Morning Neighbors (P) For Those Our Children (S) Braden-Bell Serenaders (C) Memories at Eventide (C) The Woman's Journal (P) Old Family Almanac (C) Richmond Showboat (C) Dinner Hour Concert (S) This Woman's World (P) Syncopated Riddles (C) The Dream Pedlar (S) News Programs (S-C) Musical Quinella (C) The Forly-Niners (S) KVI Barn Darge (S) Whitman College (S) Symphony Hall (C) Mystic Melodies (P) Balloon Busters (C) KUJ, Walla Walla Roundup Time (P) The Five Keys (C) Organ Moods (A) Musical Cock (S) Melody Home (C) Variety Hour (S) Sunrise Club (P) Early Birds (C-P) WHIS, Bluefield KFPY, Spokane Smilin' Thru (S) WJLS, Beckley Quiz Court (C) KMO, Tacoma Fun Forum (C) KRSC, Seattle KXA. Seattle KVI, Tacoma

Imperial International Proadcasts

Sterling Cabarret (C) CICA, Edmonton

Good Morning Neighbor (F) Hometown Boys (P) Helle The North (P) Eveready Time (C)

CKUA, Edmonton The Form Forum

Symphony Hour

The Health Programme CFGP, Grande Prairie CKUA Players

Uncle Tem, Kiddles' Requests Pro-

Calting All Travelers (P) aram (S)

What's My Name (P) Cuesso (P)

Name It and It's Yours (C) You're On the Air (P) CJOC, Lethbridge All In Song (S)

**British Columbia** CHWK, Chilliwack

Hudson Bay Company's Local News

CFJC, Kamloops Valley Even's

Sing Canada Sing (C) Broadcast Theater (C) Theater Quiz (S)

Glimpses of Industry (C) Samplinavian Trie (S) Morning Gold (P) CKLN, Nelson CJAI, Irail

What Price Freedom (C) Carnival of Melody (C) Music Hall Revue (C) News and Music (C)

CBR, Vancouver

Stag Party (S)

Avison's Concert Codlesits (S) Songa : i Emgire 33) Amical Mirror (S) CJOR, Vancouver

śemqer's Ccbin (□) CKMO, Vancouver 3 G Man Club (P) reasure Trail (C) Tub 600 (C)

Storts of Kings Quiz (CP) Gird no Karawai (C Pi Socing Ellites (C.

British Empire Program (C) CFCT, Victoria

Canadian Author's Assertation (S) oy Bus, Children's Program (S) Manual Ambulance Corus (S) Canadian Navel 3and (S)

Manitoba

Janadian Legion Parade (S) 3-High Empire Program (C) Susmoss Men's Quizz (3) TAN Burn Dance (C) CFAR, Flin Flon

Good Morning Neighbor (P) oller of Curious Takes (5) Worman's Rudic Diges: (F) Arthur Morrison (C) Giddic Kollege (C)

CJRC, Winnipeg

Homes of Dreams (S)

I. Eaten Co.'s Good Deed Club (C) Delham Richardson's Orchestra (S) Manitoba Impressions (S) Visiting Microphone (S) CKY, Winnipeg

New Brunswick

Sleepy-Time Story Teller (S, Homemaker's Exchange (P) CKNB, Campbellion Hurs Up (C)

Togst and Marmelade (F) Community Night (3) Laurest Takes (P) CKCW, Moncton ole Tunes (F)

Ontario

Shar Do You Krew Abent To. Wor Cld Time Add-a-Line Contest (C) Sing Year Way to Victory (C) Shaqs Our Soldlers Sing (C. Whar's On My Mind (C) CKOC, Hamilton CFCO, Chatham

(C) mod Home Hom (C) CFOS, Owen Sound Aike On the Street

Zan You Spell 10 Ausic Fer You

ands Melady Market (C) Coming Meladies Club (C) CKTB, St. Catharines verybony Sung

Make Believe Baltroom (C) Sofiety Club Jambaree (S) Agn On Ire (C) CKGB, Timmins CFRB, Toronto Stork Club (C)

Round the Marple Arch (S) Out of the Night (S) Transure Trail (C) Beat the Band (S)

Canadian Farm and Home Hour (P) CKNX Breakfast Club (P) ym At the Pigno (P) CKNX Barn Dance (C) CKNX, Wingham

Busy Women's Fair (S) CKCH, Hull

he Homesteddins (S) CFCF, Montreal Operational (C) Jewscast (C)

for Luckes Only (P.)

Phough: Barrage (5)

Of Ships and Men (S) The Music Room Theorier heview CHLP, Montreal

Vernetica Supreme C.P.)

Nos Territa Loronx (C)

Il Dont Up., Pois (S)

Redio-Oam die (S)

Les Legendes Du Danube (S) La Revanche Du Public (C) CKCV, Quebec Meli Melo (P) Fourbillon (P)

Pour your meadames (S) Housewife actorade (P.) Strody Parade (P) Vos préferes (S) CKRN, Rouyn

Saskatchewan CHAB, Moose Jaw

Inglish Guest Parry (S, ⟨ikman's Matinee (C) Ranlybird Calling (P) Sunday Guests (C)

CK3I Amareur Hour (S) CKBI, Prince Albert CKCK, Regina

Saskatchewon Farmer Talent Search The Man On the Street (C) The Blighly Program (C) Golden Memories (C)

Dairy Pool Jamboree Fireside Quiz Show Jockey Broadcasts CFQC, Saskatoon

# PROMOTION DIGEST

101 Tried and Proven Showmanship Ideas

Compiled by **TED LLOYD**of the Staff of RADIO DAILY



THE past year, with a closely-fought national election and national draft lottery that had to be taken in radio's stride, found small stations competing with networks for public attention. Every station concerned itself with putting the facts before the public. In doing so, Public Service excelled everything else. News coverage and special events played a major part in the past twelve months.

In addition to these special events, political shows and public service features, the stations gave extra attention to stunts, merchandising tie-ups and displays to promote listener interest to programs. Herewith, follows a digest of material sent to RADIO DAILY during last year for publication of promotional and exploitation ideas.

Material credited to one station or party may have been executed by another in the past. RADIO ANNUAL does not assume ownership of the foregoing data nor does it necessarily signify that the basic formula or idea for the piece of showmanship executed and listed here originated with the credited source.

Annually this section will keep abreast with the trend and it is hoped that advertising, publicity and exploitation people representing all branches of this industry will continue to send their creations of ideas and the execution thereof to RADIO DAILY for publication.

To all we acknowledge our indebtedness in helping us to compile this section.

Users of digested material are cautioned to bear in mind any local laws that prohibit prize contests or giveaways or such contests that may come under the classification of lotteries!

# SHOWMAN'S CALENDAR

#### = FOR 1941 -

#### January

1: New Year's Day (In all the States, Territories, District of Columbia and possessions).

Paul Revere Born (1735).

Proclamation of Emancipation (1863).

4: Utah Admitted (1896).

New Mexico Admitted (1912).

- 8: Anniversary of the Battle of New Orleans (Louisiana).
- 17: Benjamin Franklin Born (1706).
- Robert E. Lee's Birthday (Alabama, Arkansas, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, Virginia).
- 20: Inauguration Day.
- 21: Stonewall Jackson Born (1824).
- 29: McKinley Born (1843).
- 30: Franklin D. Roosevelt's Birthday.

#### **February**

- 3: Horace Greeley Born (1811).
- 4: Col. Charles A. Lindbergh Born (1904).
- 7: Charles Dickens Born (1812).
- 8-15: National Boy Scout Week.
- 9: Nebraska Admitted (1867).
- 11: Thomas A. Edison's Birthday.
  Daniel Boone Born (1734).
- 12: Lincoln's Birthday (Alaska, California, Connecticut, Delaware, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Montana, Nevada, New Jersey, New York, North Dakota, Ohio, Oregon, Pennsylvania, South Dakota, Tennessee, Utah, Virgin Islands, Washington. West Virginia, Wyoming).
  Georgia Day.
- 14: Valentine's Day.
  - Admission Day (Arizona).
- 15: Destruction of the Maine (1898).
- 22: Washington's Birthday (All the States, Territories, District of Columbia and Colonial Possessions). Ash Wednesday (First Day of Lent)
- 26: Ash Wednesday.
- 27: Henry Wadsworth Longfellow's Birthday. First Railroad Charter (1827).

#### March

- 2: Texas Independence Day.
- 3: Maine Admitted (1820). Florida Admitted (1845).
  - First Postage Stamp used in U. S. (1847).

- 4: Pennsylvania Day.
- 5: Boston Massacre (1770).
- 7: Luther Burbank's Birthday (California).
- 17: St. Patrick's Day.
- Palm Sunday, 21: First Day of Spring.
- 22: Emancipation Day (Puerto Rico).
- 25: Maryland Day.
- 30: Seward Day (Alaska).

#### April

- 1: All Fools' Day.
- 6: War Declared with Germany (1917).
- 7: Peary Discovered North Pole (1909). Good Friday.
- 8: Battle of Appointox (1865). Louisiana Admitted (1812).
- 9: Surrender of General Lee (1865).
- 12: Halifax Independence Resolution (North Caralina)
- 13: Thomas Jefferson's Birthday (Alabama). Easter Sunday.
- 14: Assassination of Abraham Lincoln.
- 19: Patriot's Day (Maine, Massachusetts).
- 21: Anniversary of Battle of San Jacinto (Texas).
- 22: Morton's Birthday (Nebraska).

  Arbor Day (Nebraska).
- 23: William Shakespeare Born (1564).
- 24: First Newspaper Issued in America (1704).
  U. S.-Mexico War (1846).
- 25: War Declared with Spain (1898).
- 26: Confederate Memorial Day (Alabama, Florida Georgia, Mississippi). Slavery Abolished in U. S. (1865). First Shot of War with Germany (1917).
- 27; General U. S. Grant Born (1822).
- 28: President Monroe Born (1758).
- 29: Daylight Saving Time Starts.
- Louisiana Purchased.
   Washington Became First President (1789).
   Rhode Island Settled (1636).

#### May

- 1: May Day.
  - Child Health Day.
  - Labor Day (Philippines).
- Dewey's Victory in Manila (1898). 2: Stonewall Jackson Shot (1863).
- 5: Napoleon's Death (1821).
- 7: Lusitania Torpedoed (1915).

- 10: Confederate Memorial Day (Kentucky, North Carolina).
- 11: Minnesota Admitted (1858).
- 12: Florence Nightingale Born (1820). Mother's Day (2nd Sunday).
- 20: Anniversary of the Signing of the Mecklenburg Declaration of Independence (North Carolina).
- 21: Lindbergh's Flight to Paris (1927).
- 23: South Carolina Admitted (1788).
- 24: First Telegraph Message Sent (1844). Empire Day (Canada).
- 29: Wisconsin Admitted (1848).
- 30: Memorial Day (In all the States, Territories, District of Columbia and Colonial Possessions, except Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, New Mexico, North Carolina, South Carolina, Virginia and Tennessee).

#### June

- 1: Kentucky Admitted (1792). Tennessee Admitted (1796).
- 3: Confederate Memorial Day (Tennessee). King's Birthday (Canada). Jefferson Davis' Birthday (1808).
- 6: Nathan Hale's Birthday (1756).
- 8: Battle of New Orleans (1815).
- 10: Franklin Drew Lightning From Sky (1752).
- 14: Harriet Beecher Stowe's Birthday. Flag Day.
- 15; St. Swithin's Day. Arkansas Admitted (1836). Pioneer Day (Idaho).
- 17: Bunker Hill Day.
- 18: Battle of Waterloo (1815).
- 19: Beginning of War of 1812.
- 20: West Virginia Day.
- 21: Longest Day in Year.
- 23: Penn Signs Treaty of Feace with Indians.
- 26: First American Troops Land in France (1917).

#### July

- 1: Battle of San Juan Hill. Dominion Day (Canada). Battle of Gettysburg (1863).
- 2: Cartield's Assassination (1881).
- 3: Idaho Admitted (1893).
- 4: Independence Day.
- 10: Wyoming Admitted (1890).
- 11: John Quincy Adams Born (1767).
- 13: Forrest's Day (Tennessee).
- 24: Pioneer Day (Utah).
- 25: Occupation Day (Puerto Rico).

#### August

- 1: Colorado Day.

  Beginning of World War (1914).

- Beginning of World War 3: Civic Holiday (Canada). 10: Missouri Admitted (1821). 13: Occupation Day (Phillipines). 15: Panama Canal Opened (1914). 16: Bennington Battle Day (Vermont). 20: Benjamin Harrison Born (1833).

- September
- 1: Labor Day.
- 6: Lafayette Day.

President McKinley Assassinated (1901).

- First Battle of the Marne.
- 9: Admission Day (California). 12: Defender's Day (Maryland).
- 17: Constitution Day.
- 22: Nathan Hale Executed (1776).
- 23: First Day of Autumn.

Daylight Saving Time Ends.

26: American Indian Day (4th Friday).

#### October

- 1. Missouri Dav
- 5: Wright Brothers Took First Long Distance Flight in Airplane (1905).

Yom Kippur (Hebrew),

- 8: Chicago Fire (1871).
- 9: Fraternal Day (Alabama).
- 10: Farmer's Day (2nd Friday) (Florida).
- 12: Columbus Day.
- 18: Alaska Day.
- 19: Surrender of Cornwallis (1781).
- 25: National Girl Scout Week (Ends Nov. 4).
- 27: Navy Day.
- 31: Hallowe'en.

Admission Day (Nevada).

#### November

- 1: All Saints' Day (Louisiana).
  - North and South Dakota Admitted (1889).
- 4: John Philip Sousa Born (1854).
- 5: General Election Day (Presidential).
- 7: Montana Admitted (1889).
- 11: Armistice Day.
  - Washington Admitted (1889).
- 16: Oklahoma Admitted (1907).
- 17: Suez Canal Opened (1869).
- 20: Thanksgiving Day. (Some states will probably observe Nov. 27.)

#### December

- 3: Illinois Admitted (1818).
- 7: Delaware Day.
- 8: Eli Whitney Born (1765).
- 11: Alfred Nobel Born (1833).
- 12: First Marconi Wireless Across Atlantic (1901).
- 16: Boston Tea Party (1773).
- 21: Shortest Day of Year. Pilgrims Landed at Plymouth Rock (1620).

Woodrow Wilson's Birthday (South Carolina).

- 25: Christmas Day.
- 29: Iowa Admitted (1848).
- 31: West Virginia Admitted (1862). New Year's Eve.

ARBOR DAY is observed in states on different days, usually in the Spring. The dates in the same states often vary from year to year by proc-



#### **BROCHURE**



#### **Dunkel Sports**

• DUNKEL Sports Research Service prepared a booklet to publicize its show titled "The Dick Dunkel Football Forecast." Contents included a list of the 29 sponsors and 120 stations on which the program was heard during the 1939 season, along with a buildup and description of what the program consists. A comparison of the accuracy of the forecasts with competing prognosticators was also given along with excerpts from testimonial letters from both stations and advertisers. Details of the plan of the program were fully described and a sample of one week's forecast was included with the booklet.

#### Selling Balloons

• "SELLING balloons to Westerners probably isn't your business..." was the eye-catching opening sentence on a card attached to a brochure issued by CBS's Pacific Network. The statement referred to a cover picture of a balloon salesman, while copy was tied up with the angle that good markets are allimportant to both balloon peddlers and radio advertisers. The brochure stressed CBS's coverage, including a list of counties.

#### "Old Songsmith"

• SPECIAL promotion material was issued by WOWO. Ft. Wayne, Ind., to sell "The Old Songsmith." A one-page mailing piece contained reprints of some of the promotional efforts, such as a membership card in the "Old Songsmith's WOWO Happy Club," the "Happy Club Song," the "Daily Habits Chart" for children, and similar material.

#### WCAE Brochure

• WCAE. Pittsburgh, had in the mails a new two-color brochure with "The Postman Rings 17.856 Times" as the theme. The success story concerned two announcements made on a morning script show early in January which resulted in an overwhelming response.

#### Success Story

• SUCCESS of the Adam Hat Stores' sponsorship of sports broadcasts on NBC's Blue Network was told with pictures and text in a mailing piece distributed by the network. Cover was blank except for this statement: "Sales thru the air with the greatest of ease . . . and without \$1,000,000!" while inside pages showed Adam executives in informal shots. Copy highlighted the company's gains in sales since program started on the network.

#### **Brief Case**

A realistic brief case with the name "Alma Kitchell" inscribed on it served as the frontispiece for a brochure advertising Miss Kitchell's Brief Case" issued by NBC. The booklet contained typical letters, as enclosures of the brief case, which was done in effective black and purple.

#### "Buy Blue in '40"

• A filing folder for NBC's Blue network promotion material has been issued by the network's Western Division. Of standard filing cabinet size, the folder was for use in filing NBC Blue material to be sent out from time to time. Cover depicted a group of uniformed girls, holding cards bearing the names of sponsored shows, while inside pages high-lighted the network's 70 per cent renewals secured in 1940.

#### "Everything's East . . ."

• NBC issued a special mailing piece to promote Ed East's WIZ participation show, "Breakfast in Bedlam." A "Dr. Seuss" drawing showed a weather vane pointing to four directions, all labelled "East" while inside copy described East as "big return, low cost salesman" and cited case histories and costs.

#### "Buy Lines"

• SERIES of one-page promotional sheets were issued by the Minnesota Radio Network under the general title, "Buy Lines." New network showed facts about the markets served and similar data was featured in the promotional material which was prepared by KSTP's sales promotion division. Stations also included KROC, KYSM, and KFAM.

#### WMAZ's Folder

 FOUR page folder prepared by WMAZ, Macon, Ga., was front-pieced by a teasercartoon in which "Mr. Advertiser" asked "How Did All These People Get In?" and was answered by "WMAZ": "Father, I Cannot Tell a Lie, I Did It With My Little Microphone. On opening the folder, a two-page panorama photo of a filled auditorium was found with the caption, "So, The Auditorium Couldn't Be Filled? WMAZ Advertising Alone Did It." Brief copy explained that 6,000 paid admissions and 1,000 turn-aways were accomplished in a personal appearance of one of the casts of the station's programs. Fact that appearance was advertised only on the station, was stressed. Back page of folder was used to give a state and county breakdown of mail received requesting photos of artists.

#### "For the Color-Blind"

• THE "second edition" of its "Quiz for the Color-Blind" was issued by WJSV, Washing-

ton, D. C., for the use of the advertising fraternity when it suffered "from a deep vacuum of things to do when copy conferences lulled." A double-spread was devoted to the question and probable answers, with the "correct" answers in a different color type, plugging the station, of course. Typical question was: "What blankets what field of clover?" Answer was one of the following: (1) Aunt Dinah's quilting party: (2) Morning dew: (3) WJSV: (4) "Gone With the Wind": (5) Swarm of bees, and (6) Clover.

#### WSM Program Release

• BI-MONTHLY program release used by WSM. Nashville, Tenn. as a promotional piece to sell sponsors. Frontispiece for the schedule carried a list of the football games played by Vanderbilt University, which were available for sponsorship. Actual program schedule broke down the programs by day, by time, by sponsor and by type of program, i.e., commercial or sustaining; the program type was further broken down into local or network classification and the same was done on sustaining programs. The breakdown as to programs was accomplished by shading blocks for sustaining programs. Folder was a two-color job on heavy stock.

#### Tobacco Sponsors Plugged

• REPRINT of an advertisement which appeared in the trade press was used as a fourpage folder to plug the Red network of the National Broadcasting Co. To attract attention the folder was captioned "What the Traveling Salesman Said to the Train Conductor." Illustration on the two-page spread showed a perplexed conductor with several overcrowded suburban smoke-filled trains. Salesman is saying "For shame, General! You need a trainful of smoking cars with all those tobacco programs on the Red." Copy that followed was headed: "No butts about it . . . the Red is America's first Network buy." Letter, accompanying the promotion, was signed by Ken Dyke, NBC sales promotion director, and called attention to the copy which played up the fact that the network showed a 65 per cent increase in tobacco advertising in one year.

#### **NBC** Revises ET Bulletin

• PROGRAM Service Bulletin of NBC Thesaurus underwent a revision and new setup, including a four-page folder in which mimeographed listings were inserted. Folders were reproduced by photo-offset and employed photos of the artists who were written up in the releases, which were bi-monthly. The folder was not used to replace the mimeograph listings of records but rather to replace the biographical and build-up material which was also mimeographed before the new format was put into use.

#### WDRC's "Food for Thought"

● LATEST in the series of "Food for Thought" promotions of WDRC. Hartford, was a die-cut booklet. In the cut-out on the frontispiece was pasted a miniature "G-man" revolver. Upon opening to the first page, reader was advised that "You don't need a G-man" and continued on subsequent pages to present sales points: (1) WDRC is the only basic CBS station in Connecticut; (2) a wide listening audience; and (3) low cost of selling on WDRC. Last two pages of the 8-page booklet presented statistical information about the WDRC market and a coverage map showing the station's primary and secondary listening areas.

#### **Guests-Stars**

• TWO-COLOR folder was used by WHIO. Dayton, to plug the various name-stars that have been interviewed before the station's microphones. Titled "Interviewed," the promotion piece pictured some of the artists. Interviews were all done in connection with the station's regular interview program from a local theater. In addition to the photos, the artists, who appeared between September and April, were listed. Closing line was the only selling copy in the folder: "It's this kind of top-notch local radio production, plus great CBS shows, that makes listeners say 'there's always a good show on WHIO'."

#### "First Quarter"

● ANALOGY between the game of football and the amount of business for the first quarter was made in the promotion piece issued by WOWO, Fort Wayne, Ind. Caption read "First Quarter Score—29 Percent Above Last Year in Favor of WOWO." Illustration showed a comic cartoon of a football scrimmage under which brief copy was used. Promotion reproduced in black and white by photo-offset and followed the style used by the station in previous promotions.

#### Figures

• "HOW'S Your 'Rithmetic" was the title of a promotion folder of KDKA. Pittsburgh. Double-spread, when opened, posed four questions concerning cost-per-inquiry based on actual advertising results on the station. Answers were given after each question. Box in the lower right-hand corner stated "Sum it all up . . . KDKA produces inquiries at low cost! Be it 7:45 a.m.—9:00 a.m.—3:00 p.m.—7:30 p.m. . . . All around the clock, the mail pours in. Buy KDKA and get your share. KDKA is The Only Master Key to The Master Market!"

#### **WPTF Market Study**

• A brochure prepared by WPTF, Raleigh, was an eight-page affair on heavy paper stock so that it might be filed down as a correspondence folder. Frontispiece had α line cut of

that gentleman. "Sir Walter Raleigh" throwing his cloak representing WPTF coverage over a drawing of the states of North and South Carolina. Editorial content of the booklet consisted of maps of the day and night coverage of the station accompanied by market data. Center spread was a study of the Raleigh trading area as compared with other urban trading area in the South, stressing the fact that the city ranks third in a list of forty. . . .

#### **WLW Cites Survey**

• "TWENTY-SIX Reasons Why" was the eyearresting title of a new brochure issued by WLW. The caption then went on to explain that "more advertisers are buying more time and spending more money on WLW currently than at any time in the history of the 'nation's station'." Inside pages cited the "reasons" through descriptions of popular programs and by results of a recent coincidental survey made in 25 cities.

#### KYW Folder

• "STANDING Room Only" was the title of the French-fold promotion piece prepared by KYW, Philadelphia, which presented a weekly program schedule of the station as compared with two other local stations. Comparison was made by reproducing an enlarged schedule form with the various quarter-hour periods in the early morning listed down a column. Adjacent columns showed the names of the sponsors and programs of KYW and the two other outlets. KYW's listing was done in red and contained only sponsored programs whereas the others were played down and had some sustaining programs in their listings. inside spread was captioned "Philadelphia Record-Early Morning: 7:00 to 9:00 a.m." A simulation of a rubber stamp printed in red was superimposed over the record form and read "It's KYW, 'the Red network station in Philadelphia'.'

#### WRC Folder

• COMPLETE story of "The Women and Mary Mason" was told in a four-page folder bearing that title and prepared by WRC, Washington, D. C. Promotion was a three-color job giving various appeals and subjects of the "WRC Home Forum" program as portrayed in a number of small border cartoons.

Copy content listed testimonials from listeners and advertisers as well as the names of various sponsors. Back page was devoted to giving the rates for the various units of time sold by the program and a brief summary of market statistics proving the value of the Washington, D. C., listening audience.

#### "Li'l Abner" Folder

• DIE-CUT piece was used by the National Broadcasting Co. to plug "Li'l Abner," five-day-

a-week script show taken from the comic strip character in newspapers throughout the country. The folder was illustrated with miniature reproductions of the strips as well as drawings of the faces of characters appearing in the syndicated newspaper cartoons. Editorial content consisted of descriptions of the locale and characters and a resume of the story as it appeared in the papers, all written in the hill-billy style of the comic strip itself. Merchandising and tie-in promotion was also described.

#### WIRE On Indiana

• A promotion booklet of WIRE, Indianapolis, was titled "Standing Out In Indiana." Frontispiece was a die-cut montage with a large WIRE mike towering over well-known buildings located in Indianapolis, Editorial content consisted mostly of photos of recently-installed studios and technical facilities of the station with brief descriptive copy and captions. Double-page spread was used to give statistical information and history of new studios.

#### Talent Tips

• NBC Artists Service issued the first edition of a new promotion piece entitled "Talent Tips" which was sent to talent buyers in all agencies, and which announced the Bureau's new offerings. The piece has no regular release date, but was sent out as news warrants the move. Initial piece dealt with "The Affairs of Anthony."

#### "Lone Ranger"

• REPRODUCTIONS of news pertaining to the "Lone Ranger" programs were distributed by the Michigan Radio Network, Detroit. News stories were enlarged and reproduced on separate sheets with the regular mastheads of the publications lending additional emphasis to the promotion material.

#### Blue Ribbon Programs

• A collection of separate single pages highlighting various WDRC programs were distributed by the Hartford, Conn. station in a folder picturing a microphone and a "blue ribbon" on the cover. Each sheet contained a photograph tying-in with the program, while descriptive copy and the costs as well as a clock showing the program's time were used beneath the pictures. Back page of the folder highlighted market data, including a breakdown of annual sales in different retail divisions.

#### "Backyard Stick"

 SURVEY material issued by WEEI, Boston, was dramatized in an attractive brochure entitled, "Measurements from a Backyard Stick."
 Inch measurements were used to show the station's ratings in various classifications, while competing stations were listed as "Station B" and "Station C." A page listing of Boston advertisers also appeared in the brochure.

#### "A City's Tribute"

• Such was the cover title on a broadside issued by KPO-KGO, San Francisco, dramatizing the recent "Chronicle" Diamond Jubilee held with the cooperation of the stations, which received wide publicity locally. Broadside included pictures of crowds attending the event, executives, as well as reprints of publicity.

#### "America's Money Belt"

● A special mailing piece employing transparencies over a map was distributed by the Katz Agency, representatives of the Cowles Stations to dramatize the coverage offered by the Des Moines "Register & Tribune" stations, WMT, KRNT-KSO and WNAX, singly or in combination. An accompanying chart furnished statistical data on the stations' primary coverage areas.

#### "Extra Audience"

• NBC distributed a reprint of a recent advertisement from advertising publications stressing the "extra audience" offered by the Red Network. Included was a cartoon of a large crowd following a man on horseback who exclaims: "My gang's a-comin'! Get ready for extra sales."

#### Regional Advertisers

• "ON the (Pacific Coast) Blue in '40" was the title of a four-color four-page folder prepared to promote the NBC Blue Pacific network. Frontispiece was a color composite photo of the actual packages of merchandise advertised on the network since the first of the year. Center spread simulated the upward movement of a business chart to show the claimed increase of 287 per cent in the number of sponsored programs on the network in addition to the 67 per cent increase in renewals. A "news flash" box overlaying the chart stated that the space was held open for new advertisers who started too late to be on the front cover picture. Two companies were named as fitting into that category. Back page consisted of a complete list of companies, with the titles of their programs and the names of their products, advertised on the regional network.

#### CBS Ad Booklet

• REPRINT of nine pages of advertising that appeared in pages of RADIO DAILY was made up into a 12-page booklet by the Columbia Broadcasting System. No change was made throughout and the only additions to the grouping of ads was the front cover, which followed the motif of the first double-page-spread, showing a drawing of a large test tube in which

various figures representing listeners are placed; and the back cover which gave the address of the Radio Sales offices and the stations which that organization represented. The individual ads were used to tie-up spot sales and various CBS stations and was accomplished by presenting typical case histories using different products in each case.

#### Re "Rising Son"

 "SOME of our best people get up early" captioned a four-page folder plugging Larry Elliott's "Rising Son" program on WABC, New York. Above the caption was a comic cartoon of a male listener in a bathtub with his radio going full blast at his side. Comic angle was continued on one page of the inside spread, with a cartoon of Elliott at work. Copy stated that "he insults them (the early morning listeners); he maligns them!; he threatens them!; but they grin and bear it . . . they even grow to love it!". Other page was a reprint of a story concerning the program which appeared in "Sales Management." Back-page was really a rate card showing cost per week for a 100-word announcement, based on from 1 to 6 days per week on 13, 26, 39 or 52-week contracts.

#### KNX "Pointers"

• CAPTION on the frontispiece of the fourpage folder prepared by KNX, Los Angeles, was "Six Pointers To Bigger Sales in Los Angeles and Southern California." Six arrows pointed the way to opening the inside spread. which listed the pointers as follows: (1) 50,000 watts, new transmitter, vertical radiator; (2) greatest popularity, by three competent surveys; (3) superb "bracketing," in the brilliant CBS schedule; (4) full coverage, with a great big bonus: (5) production facilities, unmatched on the coast; (6) first choice, for over three years. Each of the quoted pointers was printed on an enlarged directional pointer which lead into brief copy explaining further the individual point made. Folder was printed in two colors on heavy stock,

#### "Money in the Bank"

• TO introduce their new radio transcription series. "This Thing Called Love," which features Lurene Tuttle and Gale Gordon, Edward Sloman Productions printed a brochure in the form of a bank book with a check enclosed, as though ready for deposit, labeled on the front cover, "Money in the Bank." The imitation bank book was almost a replica of the real thing. The printing was in gold and inside the front cover there was a short note calling attention to the fact that Sloman produced the 1939 show "Pinocchio." On the exterior of the check was a replica of a check for S10C, but inside the folded check there were pictures of both the featured players,

while on the back there was a picture and a blurb about Mel Ruik, announcer on the show. It was the policy of the company to carry this theme of the show being like money in the bank for sponsors throughout their entire promotional campaign.



#### **Night Sports**

 WITH the two-fold purpose of building up a sports feature in late evening time and developing a greater number of feminine fans for the program, WTMJ, Milwaukee, staged a promotion for Charlie Nevada's "Last Word in Sports." Promotion was built ground a nightly sports game contest known as "Nine a Night" in which nine electric casseroles for the nine best "last lines," sent in by midnight of the following day, were awarded. Nightly a sports celebrity was named on the program and the personality using the name mentioned and an additional five words or less and attempting to make all words used alliterative. Feminine appeal was brought about by the type of prize award.

#### "Radio Festival" Essays

• TWO hundred and len essays were received by WIBW. Topeka, in connection with a contest during "Kansas Radio Festival" celebration week, observed by gubernatorial proclamation in the entire state. Contest was open to all school children from the sixth grade through high school. Prizes of \$100, put up by Ben Ludy, WIBW general manager, were awarded for literary efforts on the subject, "What Radio Means to the American Home." Three prominent Kansans served as judges. A brochure with choice quotations from the essays is being planned for a promotion piece by the station.

#### Baseball Dope

• BASEBALL fans had a chance to win cash prizes in KXOK's \$1,000 contest in conjunction with its play-by-play airings of Cardinal and Browns baseball games. Daily contests on the St. Louis station asked for fans' ideas as to the handling of games and how innings should be divided among the announcers. Entry blanks were available at outlets handling the sponsor's product, Hyde Park Beer, although no proof of purchase was required. Stations involved, which were fed by KXOK, include: KFRU, Columbia, Mo.: WTAX. Springfield, Ill.; KFVS, Cape Girardeau, Mo.: WSOY, Decatur, Ill., and KWOC, Poplar Bluff, Mo.

#### Coffee Contest

• THOUSAND dollars in prizes as well as two hundred other awards were made by William S. Scull Co. in connection with a contest conducted to promote Boscul Coffee. Contest which was carried on via KYW, Philadelphia, and newspapers consists of contestants sending in a 25-word statement following the statement "I Like Boscul Coffee Because."

#### **Boost for Popsicle**

• SANDWICHED in with the transcribed versions of "Buck Rogers" on WGAR, Cleveland, was a prize contest conducted by Dave Baylor. As "Popsicle Pete," Baylor dipped into a large box to choose "lucky" local telephone numbers. The home called must have a child between 5 and 17 years of age to win the \$2.50 prize.

#### WPEN Prizes

• WPEN, Philadelphia, offered 81 prizes in connection with the cooperative promotion of the motion picture "Young Tom Edison" which was shown in local Warner Bros, houses. First prize was a one-day all-expense paid trip to the New York World's Fair; other awards consisted of free tickets to the theaters, Contestants were required to write an essay of 100 words or less on "What Thomas Edison Means to America" and were between 12 and 18 years of age. First prize-winner was also a guest of honor at a dinner held at Franklin Institute along with the winners of a city-wide contest to find "Philadelphia's Young Tom Edison." In addition the WPEN winner appeared on the station's "920 Club" program. Franklin Institute cooperated with WPEN.

#### "How I Got Him"

● A "Leap Year" contest was conducted by Isabel Manning Hewson on her "Sheffield Morning Market Baskel" over WEAF, New York. Writer of the best "proposal letter describing humorous or romantic proposals or how a girl should propose to a man or similar topic appeared on the broadcast Leap Year Day, Feb. 29, when prizes were awarded.

#### Essay Contest

• WTIC, Hartford, Conn., conducted an essay contest, among the grade school and high school students in Hartford, title of which was "The American System of Radio: Why It Is Best." Station issued booklets containing valuable statistics about the American system for the student's information. Fourteen of the prizes awarded were table model radios, in addition to a grand prize of \$100 for the best essay in the entire group.

#### Bowlers Ball

 TO promote its third annual bowling tournament which took place in March, WHBF, Rock Island. Ill., recently sponsored the WHBF Bowlers Ball. Ticket-selling contest was held between ladies' teams in Rock Island and Moline, Illinois, and Davenport, Iowa. The winning team was given a trip to Chicago to the American Bowling Congress and the losing team received 5 per cent commission on ticket sales. Woman who sold the most tickets was crowned queen of the Ball and was presented with a bowling ball, bag and shoes. WHBF bowling tournament for doubles and singles attracted entrants from a 75-mile radius, and ran nightly for five weeks. The first year 1.178 participated and last year, 1.532.

#### High School Quiz

• FEATURE of a new program for high school students, which was aired on WGN, Chicago, under the title of "Citizens of Tomorrow," was a quiz based on news printed in the Chicago "Tribune." Cash prizes were awarded to students scoring the highest. An audience from a different high school provided guests each week.



#### Window Cards

● OWEN URIDGE, assistant general manager in charge of sales for WJR, Detroit, provided Union Leader Smoking Tobacco with 10,000 window cards calling attention to "Bud" Guest's newscasts at 7 a.m. Monday through Saturday. "Bud" is son of Poet Edgar A. Guest and did the early morning chore for Household Finance for several years before tobacco concern took over time a few weeks ago.

#### News Displays

• THE Bissman Co., wholesale grocers of Mansfield, O., made particularly valuable use of the "Timely Events" pictorial news picture service, which were placed in 50 retail grocery outlets in and around Mansfield. On station WMAN with a five-times-a-week schedule of newscasts, the Bissman Co. found that three sponsors of other periods of the station's news service had practically blanketed the town with promotional pieces of the more or less ordinary poster variety. Rather than duplicate this type of program merchandising, this sponsor contracted for the news picture under which printed copy regarding the Bissman daily tie-up with the news over WMAN is used. The factor of live news pictures fitted in particularly well with the daily program content.

#### WFIL Posters

 NEW publicity and merchandising effort inaugurated by WFIL, Philadelphia, consisted of the placement of WFIL posters in local public bus system. Posters were six-color, silkscreened jobs, measuring 24 inches by 24 inches and varnished on both sides for use on exterior of the buses. Buses cover southern New Jersey, making 1,816 trips daily in addition to a Philadelphia-New York service totaling 2,500 daily trips. Four different poster designs were planned for use in the next four months. In addition to the outside displays, WFIL used interior bus posters in the fronts of 500 buses. These cards plug specific programs using a design similar to the exterior signs. Latter pictured a finger pointed at a world globe with following copy: "The World Is Yours . . . Tune In WFIL, 560 kc."

#### **KROW Display Card Promotion**

• MORE than 300 14 x 28 two-color display cards have been placed in northern California sporting goods stores and resorts by KROW, Oakland, on behalf of "Fish Finder," weekly sports commentary show sponsored by Golden West Breweries. The cards carried slogan "For What's Doing in California This Week—Fishing or Hunting—Listen to the "Fish Finder" on KROW every Wednesday night at 8:30." A booth devoted to "Fish Finder" was arranged for the 7th annual Sportsmen's Show held in Oakland Auditorium.

#### **Display Stands**

• NEW type display stands tieing up sponsors products with program produced excellent results in tests by WFBL, Syracuse. The stands carried a blow-up photo at the sponsor's star and were designed with a platform for displaying merchandise. Sales were made directly from the display. In two tests on drug products, the display boosted sales materially, Robert G. Soule, WFBL vice-president who designed the stands, reports. They also were tested on grocery products.

#### Publicizing Programs

• KLO. Ogden. Utah, used weekly news pictorial bulletins framed for window display in numerous outlets in its coverage territory. Bulletin, besides giving picture news of the day, highlighted local and NBC Blue programs for coming week. Display measured 14 by 24 inches and was set up in prominent place in store windows.



#### WRVA Dialog

 WRVA, Richmond, distributed to listeners an enlarged "WRVA Dialog" booklet carrying comprehensive program listings and highlighting WRVA personalities and forthcoming features. Current issue ran 18 pages. Booklet is issued monthly gratis, but only to those who write in requesting name be placed on mailing list. Mailing list is kept "live," WRVA promotion department frequently reviewing and culling list. WRVA has maintained some sort of similar program bulletin service for listeners since station's inception 15 years ago.

#### WROL Window Displays

● WROL, Knoxville, had 8 Tel-Pic displays prominently placed in some of the outstanding business houses in downtown Knoxville. The slogan "NBC for Eastern Tennessee" was conspicuous on each one. Besides the Tel-Pic displays, the station had six window displays in advantageous points in other parts of the city, all merchandising programs on the station. Some of the programs publicized in this manner were "Musical Arwricana," "Metropolitan Auditions of the Air," "Eb and Zeb" local show, "John's Other Wife," "Just Plain Bill," the Fitch "Bandwagon," Rudy Vallee's Sealtest show and others.

#### Race-Track Chart

• METHOD of stimulating interest of the sales force at KDYL, Salt Lake City, included the use of α large board representing α race track, which had been erected on the office wall of the sales manager. Each salesman in turn was indicated by α mount, whose speed was regulated by the amount of weekly business brought in by the individual salesman. Side bets increased the activity as salesmen brought in new contracts, Cancellation penalized the jockeying salesmen. Payoff came weekly with α \$25.00 first prize to the salesman winning the race.

#### Window Display

● WHJB, Greensburg, Pa., filled one of its first floor windows with cards and letters received from "Request Party" program which was a daily feature on the station, Accompanying explanation listed 429 cities and towns in four states from which the program received mail during one month. Explanation claimed the largest group of steady listeners to the airing of any other local program in the station's listening area, offering the window full of letters and cards as proof.

#### Cab Company Tieup

• PROMOTIONAL hookup with the Yellow Cab Co, of Denver was concluded by KOA, Denver, whereby programs of the station were featured on large metal signs carried on the hoods or roofs of all the company's cabs and mountain tour buses. Provision was made for weekly changing of cards, featuring outstanding KOA programs.

#### Color Cards

• GOLDEN West Breweries, sponsors of the "Fish Finder" on KROW, San Francisco and Oakland, distributed 300 14 by 28 inch two-color display cards throughout Northern California, Cards, placed in leading sporting goods stores and resorts, carried slogan "For What's Doing In California This Week—Fishing and Hunting—Listen To The Fish Finder on KROW Every Wednesday Night at 8:30." A booth devoted to the "Fish Finder" giving sportsmen general information was also arranged for the 7th Annual Sportsmen's Show at the Oakland Auditorium, April 19 to 21.

#### Picture Promotion

● WFBL, Syracuse, broke out with a rash of free postcard offers of staff artists. Among those using the promotion idea were Jim DeLine, emcee, and the Netherland Twins of "Mcther's Marning Meeting" program; Leo Bolley, Tydol-Veedol sportscaster; Jack Curren, "Ten, Ten and Ten" soloist; Lynn O'Neill of the "Leisure Time" broadcast. Pictures carried photo-ized autographs, and sponsors' plugs were printed on the reverse side.

#### Passes for Fans

• "MORNING Melodies Club" was continued on CKTB, St. Catharines, Ontario, with frequent offers of souvenirs for listeners. Program was a two-man show with songs and piano and daily offer of theater tickets was a regular feature of the production. By arrangement with a local theater, ten tickets were awarded each morning in return for a spot announcement. In order to qualify for passes, listeners had to belong to the "CKTB Booster Club" and in applying for membership, fans had to agree to boost all products advertised over the station.

#### WCSC Newspaper

• WCSC, unable to get its program schedule printed in any of the local newspapers, printed a weekly miniature newspaper containing the entire weekly program of the station, along with pictures, stores, and feature columns. Although two issues of the "little weekly" had come off the press, over 8000 copies were in circulation, which is some 2000 more than the local morning newspaper.

#### Farm Service

• A BULLETIN listing the farm services of WNAX, Yankton, S. D., had been reprinted for distribution to fans and county agents as well as state colleges. The photo-offset brochure listed improvements, programs of interest to farm listeners, including the farm news service and special features. The brochure was written in clear style to give readers a vivid picture of the station's activities.

Cigar Handout

• LOCAL cigar distributor merchandising his sports program on WGL, Fort Wayne, offered free boxes of cigars to high scoring bowlers and to the managers of the alleys on which high scores were rolled in the Fort Wayne area each week. Bowling alleys in the area were plastered with cards plugging the awards.

#### Free Pix

● IN response to listeners' requests, the Crazy Gang of WBAP, Fort Worth, sent an 8 by 10 inch photograph of its entire cast to all who wrote in and sent a top from a package of Crazy Crystals, the product advertised by the Crazy Water Company of Mineral Wells, Texas, the sponsors. This variety show was heard five times weekly over WBAP and the Texas Quality Network.

Display Giveaway

• ELLIS VanderPyl, WGAR promotion director, offered agencies and sponsors opportunity to display "give-aways" to the public by means of a permanent exhibit board in the WGAR foyer. If a sponsor offered a piece of costume jewelry, it was there to be seen, together with details of the offer and the mailing address.

#### Time Conversion Chart

• CHART that enables radio listeners to compute the time of day at any point on the globe was made available by General Electric international stations, WGEO and WGEA, Schenectady, and KGEI at San Francisco. With the simplified chart, a listener can readily convert standard time in any zone to Greenwich Meridian time or tell what time it is in other parts of the world. By means of dark and light shading, the chart also showed where day and night begin and end. The chart was printed in Spanish, Portuguese and French as well as English to meet the demand from listeners in South America and was distributed upon request without charge.

#### Photo Distribution

 CAPITALIZING on the candid camera craze, Roch Ulmer, emcee on "Sunrise Roundup" program on KSTP, St. Paul-Minneapolis, gave away poses explaining that "he had just got a new camera and had taken a few informal shots of various members of the cast and was ready to give a few of them out to first-comers." On each, to tie the series together, he wrote a few folksy words about how they were taken. For the giveaways the station had contact prints, 4 by 5, made to make it appear "natural."

#### One-Time Offer Map

 THE results of a 100-word announcement given without advance notice, was graphic-

ally promoted by WXYZ, Detroit, by means of a map of the listening area of the station. Map showed various sections of the area with the number of replies from each section. Total replies from the announcement which was read at 7:35 a.m. was 2,032 of which 1.346 came from the city of Detroit and the balance from outlying districts. Accompanying the map, which was a black and white photo-offset job, was a mimeographed memo giving details of the offer signed by the sales promotion department of the station.

#### Road Maps

• KFEL, Denver, has given away more than 1,200 Colorado state road maps during the past few weeks. Maps were put out by the state highway department and showed scenic points of interest in the state. They are made available to listeners simply by calling for them in person at the station.

#### KDKA's (Service) Station

• USERS of KDKA's lighters were invited to visit the "new service station" which is a "modern, efficiently, completely equipped 50,000 watt servicenter, located in the heart of downtown Pgh." Users were further advised: "Don't hesitate to grab the next plane and bring in your KDKA lighter-have it tested, overhauled, repaired and refilled." In the same vein, users were advised that "Mr. Gregory, general manager and chief attendant, although kept frightfully busy at his lighter service, still finds time for a"hobby," which is running a radio station. This is quaintly referred to, "throughout the trade," as KDKA . . ." A can of lighter fluid accompanied the announcement.

#### "Gold" Coin Premium

• ANNOUNCEMENT of a new premium was made by Hecker H-O program, "Superman" recently. Premium for children was in the shape of shiny coins of simulated gold each bigger than a quarter and each bearing the likeness of a president of the United States on its face and his dates and accomplishments on the reverse side. The offer consisted of two of the 31 Presidential coins in return for two box tops taken from packages of Force, breakfast food made by the sponsor. Distribution of premiums was done by local stations to whom the box tops were mailed. After 15 days of the premium offer, the coins were merchandised directly with each Force package, which had been re-designed to announce the fact that a coin was enclosed with the breakfast food. The merchandising campaign was prepared and executed by Erwin, Wasey & Co.

#### Give-Away Idea

• NEW idea in radio give-away was suggested by Roger W. Clipp, general manager

of WFIL, Philadelphia, to replace the old form of "Radio Awards," which was not resumed on the station after being cleared of the lottery taint by the FCC. The Radio Awards Contest was held five times a day. Monday through Friday, except Tuesday and Thursday, when it was presented only once. At these times three questions were asked dealing with programs heard over WFIL during the two hours immediately preceding the time of the contest, A Farnsworth radio was awarded to the person who submitted the correct answers and also wrote the best letter of twenty-five words or less telling which WFIL program during that period he prefers and why. One prize per question-period was given away.

#### Air View

• A STRIKING air view of Baltimore's industrial center was used on a blotter being distributed by WBAL. Only commercial copy appeared on the blotter, which was distributed to agencies and prospects, was "WBAL Means Business in Baltimore."



#### Charitable Cooperation

• TOLEDO radio stations, WTOL and WSPD, gave their cooperation to the local Community Chest campaign. Both stations broadcast several times a recording made by Eddie Cantor for community chest drives and also a special transcription made for the local campaign by Edward C. Ames, Toledo radio news commentator, and the Vocalettes quartet. Stations also devoted time to the reading of some of the prize-winning essays written for the campaign by school children. In addition to these campaign features both WSPD and WTOL lined up national and local sponsors to devote part of their air-time to the campaign.

#### Safety Series

• WGL, Fort Wayne, inaugurated a new 13-week series tilled "Safety Swap Shop" on which children from 111 local county schools exchanged safety experiences, slogans and songs with Jay Gould, the station's "Old Songsmith." In connection with the program a "Safety Crusader Club" was organized, membership contingent on a child securing three signatures from drivers who were required to pledge to be careful in driving and not to take the life of a child for a year. Inaugural show of the series was entirely non-commercial and featured educators and safety authorities and was heard in every school in Allen County and in Fort Wayne.

#### Highway Maps

• KGKO, Fort Worth, in cooperation with the Texas Highway Department gave away to listeners free issues of the official Texas Highway Department's road map. Texas Highway Commission granted KGKO permission to give away these maps via the "Suburban Editor" program, a bi-weekly KGKO quarter-hour featuring news from 50 Texas newspapers within a 200-mile radius of Fort Worth. Five minutes was used during each Sunday morning "Editor" show to outline from the map a desirable Sunday afternoon auto tour. Safe driving was stressed throughout.

#### Tonic for Druggists

● AT the invitation of the New England Drug Show, held at Mechanics Hall, Boston, the Mutual "Laff 'n' Swing Club" program starring Morey Amsterdam and wife, Mabel Todd, was broadcast from the auditorium of the show. Drug Show issued open invitation to MBS, with the "Laff 'n' Swing" session chosen by the web to appear. Broadcast time usually 9:30 p.m., was moved up for the special showing.

#### Radio Picnic

• KSO and KRNT celebrated the Annual Radio Festival by a gigantic picnic which was held at Riverview Park, and by the gift of a radio a day to the listeners of the two stations. The public was invited to the picnic, which highlighted radio acts, baseball games, dances, fireworks and free rides on the amusement park's concessions. A radio was taken to the home of radio listeners and the home visited was presented with a radio if that family was dialed to either KSO or KRNT. The arrangements were under the direction of Wayne Welch, promotion manager for KSO and KRNT.

#### Cooperate With Police

• DAILY perils in the life of a policeman were dramatized over KDYL, Salt Lake City, as part of the campaign to raise funds for police widows and orphans. Broadcasts included visits to a line-up, interviews with police traffic experts, detectives and a special remote short-wave from patrol cars. The safety factor was also being stressed on the programs which were made with the cooperation of city officials. Final broadcast was from the Policemen's Ball, one of the important local social events.

#### **WQXR** Buyers' Guide

● A "Buyers' Guide" service was established by WQXR to aid in merchandising advertisers' products. "Guide" appeared for the first time on the back cover of the station's printed program for March. Attention was called on each page of the booklet to the listing of sponsors' goods and users were urged "to patronize those advertisers who support the station."

Some 12,000 families subscribed to the program booklet at a dollar a year.

#### Listener Criticism

• PROGRAM department of KGVO, Missoula, inaugurated a policy relating to its Listeners Radio Program Committee. Committee is a permanent organization, with rotating membership drafted from service clubs, religious, fraternal and educational organizations. Policy added on an extra member to the committee each month. This special member was selected on the basis of the best and most constructive letter of criticism of the station's programs written to "The Mail Bag," a weekly program in which listener comments were invited, with letters read and discussed on the air.

#### Selling a Contract

• STAFF members of KOY, Phoenix, Ariz.. were treated to a dramatization at a staff meeting when "What Goes into the Selling of a Contract" was presented. Charles Jones, continuity director, was the "prospect," while members of the staff attempted to sell him on the merits of the staffon.

#### Student Training School

• MEMBERS of he staff of WICC, Bridgeport, joined together in the presentation of α radio course for special high school students. With the cooperation of local school authorities, α series of lecture in the form of vocational guidance talks were given by the station's personnel. Eight lectures were delivered after which the students presented α radio production making use of the material covered.

#### Sales Staff Meetings

• MYRON Fox, director of sales at KDYL, Salt Lake City, began a new series of sales meetings for his staff, bringing a new angle to the meetings. In order to present more clearly to his force the problems confronting the various retail sales organizations throughout the city, each weekly meeting presented a different sales manager from one of the retail organizations as principal speaker. Series was opened by local Montgomery-Ward manager.

#### Program Selector

• IN an effort to save time for account executives who often must shuffle through several sheafs of mimeographed advance program schedules of several stations, WCKY, Cincinnati, inaugurated use of a distinctive coverpage for its advance program schedules. Printed in dark blue on a light blue background and carrying a picture of the L. B.

Wilson station's vertical radiator, the cover page enabled executives to separate quickly WCKY's programs from those of other stations.

#### Sponsor Salute

• SALUTE to the "Esso Reporter." marking the fourth year of news reporting for Esso Marketers over WTAR, Norfolk, and re-enacting the formal signing of a new contract calling for an additional 52 weeks of the program, was presented by the station. Among those participating on the broadcast were officials of the sponsor, the advertising agency and United Press, the news association which supplied the material for the broadcasts.

#### Student Variety Show

• "RADIO Goes To College," new weekly series on KTSP, Minneapolis, was written, directed, produced and voiced entirely by student sof the University of Minnesota. Instead of purely educational material, the show was purely an entertainment program, featuring campus bands, talented music school students, members of the University's Theater Players and others. To keep the college atmosphere, show was aired on Saturday nights from the school's Men's Union with an all-student audience. Production was under the direction of the Radio Affiliations Committee of the university, a student group.

#### Postcard Questionnaire

• QUESTIONNAIRE was sent out with the regular program schedule by WQXR. New York. Questionnaire was printed on a prepaid postage postcard, which carried the following headline: "There's No Prize In This Contest." It asked the listener to go to his cupboard and medicine chest and jot down the answers. Copy frankly stated that the information received would be helpful to WQXR and its sponsors "who pay the bills." The questionnaire consisted of a listing of various types of products, such as cigarettes, mouth washes, soaps, cough drops, razor blades, wines, foods, etc., alongside of which the recipient was asked to list the particular brands that he used.

#### Book Drive

 MORE than two tons of books have been raised by KSTP's drive for the American Legion library. The St. Paul station pressed its shortwave truck into service to pick-up books. The drive was conducted on the station's "Sunrise Round-Up" show.

#### Pre-Season Baseball Party

 KMOX, St. Louis, and General Mills jointly entertained more than 1500 St. Louis retail grocers at the German House Auditorium in that city. The highlight of the evening's entertainment was the introduction of members of the St. Louis Cardinals and Browns baseball teams. Promotion was connected with the General Mills daily play-by-play broadcasts on KMOX. Two motion picture films, one taken at the KMOX-General Mills Children's Day at the local ball park and another entitled "Play Ball, America" were shown during the evening. Several acts from the KMOX talent staff were also booked for appearance.



#### **Bakery Interviews**

• WSGN, Birmingham, Ala., which conducted an extensive campaign to promote the new NBC Bread-"Make Believe Ballroom" recorded interviews with bakery employes recently. Routemen, bakers, wrappers and others were asked to give their reactions to the program Later this was blended with parts of the actual program and broadcast over the station.

#### Food Show News

• THIRTY major food distributors and representatives in the Northern Ohio area participated in "Food Show News," an annual promotion of WGAR, Cleveland. Informal interviews were arranged on the Women's Activities program, including emphasis on the home economics phase of food distribution. As a follow-up, several broadcasts were made from the local food show.

#### \* Dial Lights

• IN order to furnish listeners with information concerning programs and radio personalities that visit their homes daily when the lights in their radio dials are shining, WPAY, Portsmouth, Ohio, inaugurated a program known as "Dial Lights." Smooth dinner music was interspersed with bits of information about radio talent heard over WPAY and other stations. Questions from listeners concerning the entertainment side of radio were answered on the daily early evening feature.

#### "Voices of Yesterday"

• A COMPLETE set of "Voices of Yesterday" transcriptions used on the KROW, Oakland, Cal., series were presented to Berkeley schools by the sponsor, Morris Plan Bank of Oakland. Program featured actual voices of famous people, now dead, recorded years ago. They have been dubbed into modern transcriptions. As part of the merchandising plan, quiz sheets were distributed to pupils who filled them in and returned them to their teachers. Ryder & Ingram, Oakland, handled the program.

#### "Info., Please" Variation

• AS a feature of Canada Dry promotion, KGKO, Fort Worth, held an "Information Please" broadcast of its own, Questions involved "Texas Resources," which were conducted exactly as "Information, Please" and quest experts included four Texas newspaper editors with the president of the Southland Paper Mills, Lufkin, as quest star. A journalism professor at Texas Christian University did the "Fadiman" stint inasmuch as he was an accomplished musician, sports authority, bridge expert and educator. Program was entered as promotion stunt in the current Canada Dry Company contest.

#### Literature Lives

• KFBB, Great Falls, Montana, started a new series of programs, "Literature Lives," presented by faculty members of Great Falls Schools. Programs, presented twice a month, were dedicated to the theme that what is truly good in literature lives on forever. John Alexander, program director produced the shows.

#### "Festival Week"

• FEATURES set by the production and promotion department of KGVO, Missoula, Mont., for the NAB promoted "National Radio Festival Week." They include daily quarter-hour program, "Citizens of Tomorrow," presenting outstanding representatives from local schools; discussion by students and faculty members of the Montana State University on "The American Way in Radio"; window posters for each of the station's advertisers setting forth that the firm's advertising dollar was spent to support the many hours of radio entertainment available to listeners; a discussion on the regular program, "Parental Problem Clinic," on "The Use of the Radio in Re-establishing the Home as the Center of the Family's Entertainment, Education and Culture"; a series of quarter-hour talks by representative citizens on what radio means to the home-maker, the businessman, the educator, the church, the child; a quarter-hour talk by a local newspaper editor on the "Freedom of the Press and Radio"; a half-hour program presented by remote control from Montana State University, featuring the university's orchestra and chorus with a talk by the school's president on the subject of radio and the university.

#### A. & P. Previews

● TO familiarize its store managers and employees with the new quiz games that was sponsored on three New England stations, the Atlantic & Pacific Neighborhood Food Stores Co. produced four "Personnel Previews" of the games. More than five hundred of its store managers witnessed the games which

were titled "Musico" before the program actually made its debut. Program offered 1,005 cash and merchandise prizes weekly. Entry blanks and prizes were obtained only at the neighborhood stores in the three cities in which the broadcasts were aired. Game, which was a version of the motion picture theater "bingo" games, used identification of songs as its basis. Besides prizes for the completition of a card. an award was given each week to the person supplying the best song title for an original song played on the program. Orchestra leaders were asked to write the new songs. Stations airing the programs included WEEI, Boston; WPRO, Providence; and WGAN, Portland, Me.

#### "Radio Daily" Plug

● To push its offer of automobile slip covers, the "Crazy Radio Gang," heard over WBAP, Fort Worth, and the Texas Quality Network live days weekly, referred to the story carried in RADIO DAILY. The plug was as follows: "Ladies and gentlemen, the RADIO DAILY, a radio magazine published in New York City, has a write-up about the automobile slip covers being offered by the 'Crazy Radio Gang' and believe me, these slip covers are worth writing about!"



#### "Ear Appeal"

• "GREATER ear-appeal" was sought for its spot announcements by WTMJ, Milwaukee, on the "Top o' the Morning" program. Typical in the "Oldtimer" series were plugs for cigars. Each opened with "The Oldtimer Says" and carried on with chatter such as "When I'm on the bizness end of a fishin' rod, you kin bet your boots, I'm ALSO on the bizness end of a Thora cigar." A series for a sports store used "fish talk." Gus Wall-Eyed Pike, Butch Bass, Tim Trout and Peter Pickerel were the characters. For example, Gus Pike said, "T've been driftin' round these waters a long time, an' the most eatin' tackle I ever got to my mouth comes from Jim Clark's."

#### **Fashion Spots**

• WITH the publication of "Shows of Tomorrow," by RADIO DAILY, The Script Library, a division of Radio Events, Inc., took the wraps off its first "For Women Only," entertainment spot series, "So You Think You Know Fashion." This spot series by Mariorie Mueller was based upon an idea developed and copyrighted by The Script Library, and was the first, according to Martin Lawrence, station contact, spot program that was as personal to the women in the radio audience as their own negligees. It was a companion program to "Crime Quiz," which was addressed to the male end of the radio audience.

#### WNEW's New Tag-Line

• REPLACING in part the call letters of WNEW, New York, and the tag line, "Serving New York and New Jersey twenty-four hours a day." WNEW substituted a new idea, the musical station break, modeled after the jingling commercial spots in wide use by advertisers. The words followed: "WNEW-New York. Twelve-fifty on the dial; Tune in all the while to WNEW; the station that is serving you, New York and New Jersey, too, Twentyfour hours a day, that's true, WNEW." The words and music were by Alan Kent and Austen Groom Johnson and were sung by the Tune-Twisters. Idea was a copyrighted feature used exclusively in the New York City area. By way of further promoting the idea, executives around town received a miniature recording of the new jingle.

#### Plug Network Show

SPECIAL bulletins were issued by WBIG, Greensboro, N. C., to plug the University of Chicago's "Human Adventure" series on CBS. Station promotion material, which supplemented the network and university publicity, was distributed to more than 20,000 public school pupils and 10,000 college students.

#### Used Cars

● A METHOD of making the used car dealer radio conscious was tried with considerable success by WCHS, Charleston, W. Va. Several times during the day WCHS put on spot announcements recommending that if listeners were interested in used cars they keep tuned in, saying also that used car messages from the city's leading dealers would be presented at various times during the day. WCHS found that those dealers who used radio time were pleased by the round-up idea calling attention to used cars, and those who had been holdouts were convinced that they, too, should be represented on the air.

#### **Fashion Spots**

• ONE of the rare examples of fashion merchandising through the medium of radio was the contract signed by Ohrbach's Inc., department store specializing in women's apparel, with WQXR, New York. The contract, placed through the Grey Advertising Agency, called for two one-minute announcements daily, Monday thru Friday, for thirteen weeks. The copy was entirely institutional and did not mention specific merchandise or prices.

WBIG Sign-off

• STATION sign-off of WBIG, Greensboro, N. C., was used as an effective institutional promotion. The sign-off in its entirety was printed on light tissue which was pasted on one side to cover a photo of the statue of General Nathamael Green. Photo, which was done by one of the WBIG statif, served as a background through the tissue on which the sign-off message was printed.



#### Free Pennies

• THE theory that a "Penny Saved Is a Penny Earned" was the idea behind a promotion carried out by WKBN, Youngstown. Ohio. W. R. Link, local sales Manager, designed a card which informed prospective sponsors of an opportunity to save pennies by advertising over the thousand watt Columbia affiliate. A brand new penny attached to the card was a feature which was certain to catch the attention of anyone receiving one of the promotion pieces. The penny was of the Lincoln variety and the distribution of the cards was started on Lincoln's birthday.

Newspaper Publicity

• EXTENSIVE promotion campaign conducted by WTMA, Charleston, S. C., including full coverage of all local events and special newspaper publicity in affiliated newspapers with a combined total circulation of approximately 55,000. Station's programs were listed in detail by the dailies, while pictures and other promotional material were also published.

#### Robot Interview

• KEITH Lundy, "mechanical man," had the population of Huntington quite puzzled as he appeared in the display window of a local jeweler. Mystery was solved when Joe Herget, announcer on the jeweler's program on WSAZ, Huntington, interviewed the robot in a sidewalk interview as a part of his regular program. Portable radio was taken out on the sidewalk to enable passersby to hear the interview going on in the window.

#### Road Show

• INTERNATIONAL Harvester used a road show with a 25-town schedule to promote its air program, "New Slants on the News," over WSYR, Syracuse, N. Y., daily. Show covered towns throughout New York State where International dealers are located. Revue supplemented an intensive mail and general advertising campaign to boost the program.

Prize-Winner Participation

• WINNERS of the contest to name Albers cereals NBC Pacific coast radio serial story, "The Program Without a Name," were announced in an unusual way. First prizewinner was flown to San Francisco from Portland, Ore.. to participate in a specially written dramatic episode, bring her into the drama with the regular characters. Two other winners appeared on the program in person and the rest were announced at the close of the airing. The program, as a result of the contest, is now called "Mine to Cherish."

#### Radio Ambassador

• IN promoting "The Musical Inn." late night request program on KCMO, Kansas City, Mo., which was bought by a brewing company, the station used the customary amount of teaser spots on the air in addition to a full page ad in the Kansas City "Journal." Merchandising of the product and program also was handled in α novel plan conducted in local taverns by α representative known as "The White Seal Ambassador of Goodwill." White Seal was the trade name for the product and the "ambassador" dressed in tall silk hat, frock coat, white gloves and carrying α gold tipped cone, called nightly at two or three local taverns where he solicited requests for the show.

#### Long-Lived Stunt

• STILL capitalizing on its "glamorous house-maid" publicity stunt it used with Zeke Manners almost a year ago. WHN. New York, received additional publicity in a 4-page layout of pictures in the May issue of "True Pictorial Stories" along with a story concerning the station. The current bit of publicity was the fourth in a series which kept the original stunt going since it was staged last August.

#### WBNX 'Giant' Wires

 TO herald its boost in power to 5,000 watts day and night, WBNX produced a series of giant telegrams addressed to agencies, manufacturers, and time buyers. Three telegrams, miniature three sheets, were dispatched.

Trade comments were very tavorable. W. C. Alcorn, general manager of WBNX, authored the giant messages.

Composite Birthday Card

• AS tribute to "Amos 'n' Andy," WBNS, Columbus, Ohio, sent a composite birthday card, made up of more than 3,000 individual cards signed by a cross-section of listeners in central Ohio. Local paper carried story of the anniversary stunt and a photo of Helen Billups, WBNS program department, putting the cards in the trust of airline hostess to be delivered to the blackface team. Tribute was given in honor of the comedians' twelfth anniversary on the air as a team.

#### Juvenile Air Confessions

• "CONSCIENCE Fund" donation of 50 cents received by Mayor LaGuardia, of New York City, from two repentant youngsters, struck a responsive chord in Abbott and Costello, comics on the "Kate Smith Hour" on CBS. They formed an "Abbott and Costello Conscience Club." Boys and girls were entitled to membership buttons by writing the team a note of confession for misbehaving. Promise to improve their behavior must accompany the conscience salve missive. Tie-up between the club and comedians was evident because of the tag-line used in their sketches: "I'm a bad boy."



#### TIE-UP



#### Boy Scout Tie-Up

• BOY Scouts of Salt Lake City found a new guardian in KDYL. New-found relationship proved highly satisfactory, as the station publicized scouting and its activities in the area and the scouts in turn publicized the station. Scouts made listeners surveys as well as preparing and producing their own weekly programs which consisted of one scout taking his "merit badge" test over the air. In addition to this program, KDYL aired a scout taking the scout oath and telling the listening audience what a scout is supposed to know.

#### "My Son, My Son" Contest

• IN cooperation with United Artists, motion picture producing organization, WMCA, New York, started a "My Son Contest" searching for New York's model son between the ages of 13 and 18 years of age, as part of a promotional campaign for the picture "My Son, My Son." Contest awarded a prize of \$100 to the boy selected. WMCA's part in the contest consisted of two broadcasts, one spotted in the mornings daily except Tuesday and Sunday, of recorded music and announcements on the contest and the other in the evenings, four times weekly which featured guest speakers describing what in their opinion comprised the qualifications of a model son.

#### Theater News

● LATEST news bulletins and flashes from all parts of the world were displayed on Chicago's busiest street through arrangements between WBBM, Chicago, and Chicago's only newsreel theater. Large display frame outside the theater furnished bulletin and flash material in large type for passersby on a regular schedule throughout the day, WBBM news staff prepared the material which was rushed to the theater by special messenger.

As soon as a late news flash was received at the theater it was reproduced on a giant typewriter in one-half inch letters. Inside the theater was another small spotlighted frame which carried special flash and bulletin material, also from the WBBM newsroom on an hourly schedule, Captain over the lobby display which faced outgoing patrons informed the reader that "The Following Important News Happened Since You Entered This Theater—It Was Rushed Here from the WBBM Newsroom."

#### WRVA Tieup

• WRVA, Richmond, Va., effected a three-way tie-up with the Portsmouth "Star," newspaper, and the Gates Theater in Portsmouth in publicizing an amateur talent broadcast which WRVA originated half-hour weekly from the Gates theater stage.

Station, newspaper and the theater were all calling attention to the broadcast through their respective publicity mediums with the result that capacity attendances witnessed the WRVA airings.

#### Amusement Park Tieup

• AMERICAN Institute of Food Products in connection with its participating programs on WMCA. New York, made arrangements with the management of the Palisades Amusement Park whereby all labels of products endorsed by the Institute was good for admission during the months of May and June at the Jersey playground. All a person had to do was to show the label on any box or can of the Institute's endorsed products, and he was admitted free to the Park as well as being entitled to witness a free vaudeville show and dancing.

#### Education Tieup

• WRTD, Richmond, distributed to all public school teachers in Richmond the nearby county schools envelopes containing booklets describing NBC and WRTD educational programs. Letter from Ovelton Maxey, station manager, included with presentation, suggested that the booklets might help to open the way to a better understanding of educational facilities made available by radio stations, and pointed out that the station is always willing to receive suggestions from the teachers for further help in the way of programs which are needed. Some 1200 individual presentations were made through the schools by Bernard Dabney, promotion director for WRTD. Presentation had full cooperation and support of Richmond School Board.

#### Theater-Radio Tieups

• FIFTEEN picture theaters in New York cooperated in a theater-radio tie-up instituted by the Eastern Wine Corp. Daily mentions were flashed on screens stating: "Chateau Martin Wines, 'In Good Taste Every Place,' announces our programs every Monday. Wednesday and Friday over station WBNX, (on the dial at 1350) through the voice of Bill Berns, uptown movie reporter." Programs include movie gossip and listing of current attractions at the cooperating theaters. Interviews with stage performers were also featured on the programs. Stunt may be expanded if it proves successful.

#### WSYR Tele Stuff

• WSYR, Syracuse, tied in with Farnsworth's Television Exhibit in Dey Brothers Store at Syracuse, broadcasting many of its crack shows from the television studio and drawing more than 20,000 people in 3 days to see the televising of Ruth Chilton, Fred Jeske, Vadeboncoeur, Nick Stemmler, Bill Rothrum and Jan Costley.

#### Use of Autos

• KDKA's use of its midget automobile for special events and similar coverage was featured in the merchandising and advertising of the Bantam Car Co., Butler, Pa. The car company used the Pittsburgh station's use of its equipment as an example of how other stations may also use the cars.

#### Coast Baseball Merchandising

◆ WIDESPREAD merchandising plan has been adopted by both General Mills, for "Wheaties," and B. F. Goodrich Rubber Co., for tires, tubes and batteries, to supplement Pacific Coast League baseball games, which the firms co-sponsored for third consecutive year on 12 Pacific Coast stations. Wheaties again used the Welcome Home campaign, with all grocery stores handling Wheaties displaying special team posters when the home squad returned to its own field. Wheaties' boxes contained pictures of coast ball players, and sportscasters made frequent grocer mentions during broadcasts. Goodrich planned merchandising campaign to be tied in with retail auto supply outlets, but details have not been announced.

#### Record Store Tieup

• WFBL, Syracuse, has completed an unusual tieup for National Biscuit Company's recorded "Make Believe Ballroom" programs. Station has arranged with an upstate record distributor to handle mailing of 300 advance lists of records used on the show to 300 dealers in 27 New York state counties. Lists, used for display by the record dealers, bore station's imprint and were included with the distributor's regular mailings at no cost to the station or sponsor of the program, other than the cost of mimeographing.

#### Does It Make a Noise?

 WSM went in for a bit of science and philosophy on the front page of its program schedule issued to agencies. The Nashville, Tenn., outlet asked: "If a tree falls, does it make a noise?" and answered that if "no one hears it fall it does not make a sound." This tied up with WSM's next paragraph, "and so it is with radio, coverage is not enough, it takes listeners, too. We at WSM are sure of our coverage, and of listeners, too."

#### Movie Trailer

• WITH Milton Cross in Pittsburgh for "Musical Americana" KDKA promotion department grabbed the announcer for a special one-minute sound movie trailer plugging the forth-coming screen engagement of "Information, Please" at the Loew's Penn Theater. During the course of his screen appearance Cross said: "Incidentally, this issue of Information, Please will be a part of the same program with Metro-Goldwyn-Mayer's elaborate production of "Northwest Passage" which stars Spencer Tracy . . and together that makes a screen program which I'd call . . . well . . . "gingervating!"

#### **WELI** License

• THE Connecticut State Motor Vehicle Department granted WELI the privilege of using marker plates containing the WELI call letters on the new WELI Mobile Unit, a modern Dodge truck, designed for all remote broadcasts. The truck, attractively painted ivory, has Yale Blue lettering on the side panels.

#### "Info., Please" Exploitation

● EXTENSIVE publicity for "Information, Please" on NBC Blue was the result of efforts of KGO, San Francisco. Theaters, department stores, magazines, window displays and various other media were employed. Then display windows in a local department store were used by showing large scrolls headed "Information Please," which asked questions regarding spring styles in suits and fabrics; with microphones maintaining the broadcasting atmosphere, small cards below the questions in each window answered the puzzler, with the store's merchandise used as illustrations of the answer.

Station also used trailers in motion picture theaters showing the movie short of the program. Trailers plugged the station and gave time of the broadcast. Theater advertising on marquee and in the newspapers carried the station's call letters. In addition to theater and department store publicity, the station tied in with Oscar Levant's guest appearance with the San Francisco Symphony Orchestra by having the program mentioned in connection with his appearance in the concert. Final bit of publicity appeared in a write-up with photos of the program in an independent grocery store magazine.



## TELEVISION

F R E Q U E N C Y M O D U L A T I O N

FACSIMILE

### TELEVISION'S FIRST YEAR

# As Seen By NBC-RCA HISTORY AND PROGRESS

UPON turning the corner of the first year with regularly scheduled television programs, one is prone to regard television as a development of

very recent years. Its roots go back a long way.

To trace the dramatic story of television's progress since Baron Berzelius discovered selenium in 1817, would require a volume in itself, and so in this brief report, only the most important highlights can be touched upon. Although selenium was isolated in 1817 by the famous Swedish chemist, little was done about it until 1873 when a telegrapher named May at the Valentia Cable Station on the Irish coast, discovered that resistors made of selenium transmitted a much stronger signal when exposed to sunlight. It was not until several years later that these mysterious light sensitive properties were embodied in the famous photo-electric cell invented by Elster and Geitel in 1890—the cell which subsequently became the principle upon which all-electronic television was founded.

#### Young Thomas Edison

Young Thomas Edison, in 1833, found it was possible to make an electric current pass through space from a burning filament to an adjacent metal plate, establishing the "Edison" effect, and one year later Paul Nipkow patented the rotating disc with holes for scanning the image and reproducing it.

image and reproducing it.

It was not until 1906, that two French inventors, Rignoux and Fournier, transmitted a crude moving image over wires, the same year that Dr. Lee de Forest perfected his famous vacuum tube amplifier, together with a filament, plate and

grid.

In 1907, Rosing and Campbell Swinton proposed the first use of the cathode ray tube for television, and in 1909, Knudson

sent the first drawing by radio.

From then on followed the bleak years of television's progress, and it was not until seven years after the Armistice that Jenkins and Baird transmitted the first silhouettes.

1923, however, was a momentous year for television's achievements, for it was in that year that Dr. Vladimir K. Zworykin (at that time with Westinghouse, and since 1929 with RCA) filed his first patent on the "Iconoscope," which revolutionized all preconceived ideas of television scanning by mechanical means and substituted the all-electronic scanning now in use throughout the world.

#### R.C.A. Laboratory

Then, in 1928, RCA established in New

York City a television laboratory and worked out a plan of coordination between RCA, General-Electric and Westinghouse companies. It was in that same year—1928—that RCA opened the television transmitter W2XBS with 250 watts power.

In 1929, Dr. Zworykin's experiments, carried on over a period of years, with cathode ray tube receivers attained success. This non-mechanical receiver was

called the "Kinescope."

The following year, research laboratories were opened by RCA in Camden, New Jersey, and also, in 1930, an audience in a New York theater witnessed a demonstration of a six-foot black and white 60-line projection picture. This program was broadcast from the RCA experimental station at 711 Fifth Avenue to Proctor's Theater at 58th Street and Third Avenue in New York City.

In 1931, RCA installed a studio and transmitter in the tower of the Empire State Building, using frequencies be-

tween 40 and 80 megacycles.

In 1936, large scale field tests were inaugurated with regular program transmission to receivers situated throughout the metropolitan area at strategic points in the homes of RCA-NBC engineers and executives who reported on the progress made.

As the result of continued tests, scanning was stepped up to 441 lines in 1937 and the video band was widened; experimental programs were instituted by the National Breadcasting Company. The next year, NBC-RCA television mobile

units for field pick-up equipment were completed and put in use. On September 15, 1938, NBC conducted the first sidewalk interviews with passers-by in Rockefeller Plaza.

Various programs were telecast experimentally during the months that followed and NBC's Television Department began functioning as an integral unit under the direction of A. H. Morton, vice-president.

Then, on April 30, 1939, President Franklin D. Roosevelt, during his opening address at the New York World's Fair, was telecast—thereby inaugurating a regular public series of experimental programs in the New York area.

#### Technical Improvements

Although television was officially brought out of the laboratory a year ago, RCA-NBC technicians and engineers have never ceased laboratory experiments to improve the signal strength and clarity of image. Their exhaustive experiments have met with unqualified success and televiewers today report definite improvement in reception.

The famous Iconoscope television cameras developed by Dr. Zworykin and his associates at RCA have more than fulfilled all predictions made for them. Supplementing the Iconoscope, the new Orthicon camera, which requires less intensive lighting, has been used successfully in several outside pick-ups, notably in the telecast from the plane flying over New York City.

#### Field Equipment

The introduction of new "vest pocket" television field equipment—so light and compact that a complete basic unit may be carried in a small truck—was another important contribution to facilitate the transmission of sight and sound by RCA-NBC engineers.

Studio lighting also was greatly improved through the addition of many new mobile grids using the new and improved Birdseye lamps and regulated by remote controls. Representative of the type of equipment for special visual effects is the new kaleidoscopic pattern which is used to indicate various time lapses between scenes, much the same as a "musical bridge" is used in sound radio.

#### Relay Stations

Probably the most important developments, as far as television network broadcasting is concerned, are contained in a recent report made public by the RCA Laboratories Division of RCA Communications, Inc. Because the television signal broadcast over short wave does not usually follow the curvature of the earth but extends only approximately as far as the visual horizon, or about fifty miles from the Empire State Building, it becomes necessary to boost the signal through automatic radio relay stations located at intervals of thirty or thirty-five miles depending on the terrain.

For more than a year, RCA has maintained an experimental radio relay system between the Empire State Building and Riverhead, Long Island. The relay points are located at Hauppague, fortyfive miles from the Empire State Tower, and at Rocky Point, fifteen miles beyond, from which the signal is boosted another fifteen miles to Riverhead.

Mounted on a 100-foot steel tower, each relay station contains both receiving and transmitting devices. The antennas are of the parabolic type necessary for the highly directional beam like transmission. The power required is 10 watts or less.

RCA-NBC engineers refuse to predict when television network broadcasting will become a reality, because their work of testing and developing never ceases. They merely content themselves with saying that several cities on the Atlantic scaboard will be linked up "soon"!

#### Time on the Air

From April 30, 1939 to April 30, 1940 the National Broadcasting Company telecast programs from Station W2XBS atop the Empire State Tower for a total of 601 hours.

#### Receivers in New York Area

On April 30, 1940, television receivers in homes in the Metropolitan area totalled approximately 3,000. In addition to those in homes, about 150 receivers are located in taverns, restaurants, schools, theater lobbies and stores. A recent survey disclosed that during daytime hours there was an average of two persons in the home viewing television programs. During the evening hours, this number is increased to from four to five. Similarly, the television audience viewing the programs in establishments outside the home average fifteen persons during the afternoon and twenty-five to thirty in the evening. The audience approximates 15,000 persons.

### TELEVISION

#### **BROADCASTING STATIONS**

As of January 1st, 1941

The term "television broadcast station" means a station licensed for the transmission of transient visual images of moving or fixed objects for simultaneous reception and reproduction by the general public.

Licensee and Location	Call Letters	Frequency (kc) or Group	P O Visual	W F R Aural
Earle C. Anthony, Inc. Los Angeles, Calif	W6XEA	96000-102000	1000 w	1000 w
Balaban & Katz Corp. Chicago, Ill.	W9XBK	60000-66000	1000 w	1000 w (CP only)
Balaban & Katz Corp. Portable-area of Chicago, Ili	W9XBT	204000-216000	250 w	(CP only)
Bamberger Broadcasting Service New York, N. Y	W2XBB	96000-102000	1000 w	1000 w (CP only)
Columbia Broadcasting System Chicago, Ill	W9XCB	78000-84000	1000 w	1000 w
Columbia Broadcasting System  Los Angeles, Calif	W6XCB	162000-168000	1000 w	1000 w
Columbia Broadcasting System New York, N. Y	W2XAB	60000-66000	7500 w	7500 w
Columbia Broadcasting System, I Portable-area of New York, N. Y	nc. 7., W2XCB	336000-348000 television rel	6.5 w ay station wi	
The Crosley Corp. Cincinnati, Ohio	W8XCT	50000-56000	1000 w	1000 w (CP only)
Allen B. DuMont Laboratories, In Passaic, N. J	nc. W2X <b>VT</b>	42000-56000 C.P. 78000-84000	50 w 5000 w	50 w 5000 w
Allen B. DuMont Laboratories, In New York, N. Y		78000-84000 60000-86000	1000 w	1000 w (CP only)
Allen B. DuMont Laboratories, In Portable-area of New York, N. N.		258000-270000 television re	50 w lay station w	
Allen B. DuMont Laboratories, In Washington, D. C		50000-56000	1000 w	1000 w (CP only)
Farnsworth Television & Radio Corp. Ft. Wayne, Ind	Unassigned	66000-72000	1000 w	1000 w (CP only)
	000			•

Licensee and Location	Call Letters	Frequency (kc or Group	) P Visual	O W E R Aural
General Electric Co. Bridgeport, Conn.	W1XA	60000-86000	175 w	100 w (CP only)
General Electric Co. New Scotland, N. Y	W2XB	60000-86000	10000 w	3000 w
General Electric Co. Schenectady, N. Y.	W2XD	156000-168000	40 w	(CP only)
General Electric Co. Schenectady, N. Y	W2XH	288000-294000	40 w	
General Electric Co. New Scotland, N. Y	W2XI	156000-162000 (Television :	20 w relay station	with W2XB)
Hughes Tool Co. Los Angeles, Calif	W6XHH	60000-66000	-	
Hughes Tool Co. San Francisco, Calif	W6XHT	60000-66000	1000 w	1000 w
The Journal Co. Milwaukee, Wisc.	W9XMJ	66000-72000	1000 w	1000 w
Kansas State College of Agricultur and Applied Science Manhattan, Kans.		50000-56000	100 w	100 w
May Department Stores Co. Los Angeles, Calif	Unassigned	. 210000-216000	1000 w	1000 w
Metropolitan Television, Inc. New York, N. Y	W2MT	162000-168000	250 w	1000 w
Don Lee Broadcasting System Los Angeles, Calif	W6XAO	50000-56000	1000 w	150 w
Don Lee Broadcasting System San Francisco, Calif	W6XDL	50000-56000	1000 w	1000 w (CP only)
Don Lee Broadcasting System Portable-area of Los Angeles, Calif.	W6XDU	318000-330000	6.5 w	
National Broadcasting Co., Inc., New York, N. Y	W2XBS	50000-56000	12000 w	15000 w
National Broadcasting Co., Inc. Portable—Camden. N. J. and New York, N. Y	W2XBT	162000-168000 (Television r	400 w clay station	100 w with <b>W2</b> XBS)
National Broadcasting Co., Inc. Portable-area of New York	w2XBU	282000-294000 (Television r	15 w elay station	with W2XBS)
National Broadcasting Co., Inc. Washington, D. C	W3XNB	60000-66000	1000 w	1000 w (CP only)
National Broadcasting Co., Inc. Philadelphia, Pa	W3XPP	102000-108000	1000 w	1000 w (CP only)

Call Letters	Frequency (kc) or Group	P O Visual	W E R Aural
W3XE	66000-72000	1 <b>0000</b> w	10000 w
W3XP	234000-246000 (Television re		CP 125 Watts) with W3XE)
W9XG	66000-72000	750 w	750 w (CP only)
W2XDR	42000-56000 60000-86000	1000 w	500 w
W3XAD	321000-327000	500 w	500 w
W3X <b>E</b> P	84000-90000	30000 w	30000 w
	186000-192000	1000 w	1000 w
W9XUI	50000 <b>-56000</b> 210000 <b>-216</b> 000	100 w	
W6XLA	234000-246000		
W6XYZ	78000-84000	1000 w	1000 w
W3XAU	84000-90000	1000 w	(CP only)
W9XZV	50000-56000	1000 w	(CP only) 1000 w
ing A	pplication	ıs	
	78000-84000	10000 w	10000 w
	66000-72000	46 w	100 w
t	50000 <b>-5600</b> 0	1000 w	10 <b>0</b> 0 w
	301250 and 305750	25 w	25 w
	307250 and 311750	25 w	25 w
		(Television	relay station)
	319250 and 323,750	25 w	relay station) 25 w relay station)
• • • • • • • • • • • • • • • • • • • •		25 w (Television 25 w	25 w
	LettersW3XEW3XPW9XGW2XDRW3XADW3XEPW6XLJW6XLJW6XLJW6XLAW6XYZW3XAUW6XYZW3XAUW9XZV	W3XE 66000-72000W3XP 234000-246000 (Television reserved in the content of th	Letters         or Group         Visual          W3XE         66000-72000         10000 w          W3XP         234000-246000 (Television relay station rela



# TELEVISION STATIONS



IN THE UNITED STATES:

-LOCATION — PERSONNEL — FACILITIES -

## W6XEA\*

## LOS ANGELES

FREQUENCY: 98000-102000 Kc. POWER: Sight, 1000 Watts: Sound, 1000 Watts. OWNED AND OPERATED BY: Earle C. Anthony, Inc. BUSINESS ADDRESS: 141 N. Vermont St., Los Angeles, Calif.

## **W9XBK**\*

CHICAGO

FREQUENCY: 60000-66000 Kc. POWER: Sight, 1000 Watts; Sound, 1000 Watts. OWNED AND OPERATED BY: Balaban & Katz Corp. BUSINESS ADDRESS: Chicago, Ill.

## **W9XBT**\*

AREA OF CHICAGO (PORTABLE)

FREQUENCY: 204000-216000 Kc. POWER: 250 Watts (Sight only). OWNED AND OPERATED BY: Balaban & Katz Corp. BUSINESS ADDRESS: Chicago, Ill.

## **W2XBB**\*

NEW YORK CITY

FREQUENCY: 95000-102000 Kc. POWER: Sight, 1000 Watts; Sound, 1000 Watts. OWNED AND OPERATED BY: Bamberger Broadcasting Service. BUSINESS ADDRESS: 1440 Broadway, New York, N. Y.

## W2XAB

#### NEW YORK CITY

FREQUENCY: Sight 51.25 Mcs. SOUND, 55.75 Mcs. POWER: Sight, 15.000 Watts (measured at peak of synchronizing pulses): Sound, 7.500 Watts. OWNED AND OPERATED BY: Columbia Broadcasting System. BUSINESS ADDRESS: 485 Madison Ave. PHONE: Wickersham ,2-2000. STUDIO ADDRESS: Grand Central Terminal Bidg., 15 Vanderbilt Ave. TRANSMITTER AND ANTENNA LOCATION: Chrysler Bidg.

#### Personnel

Executive Director of Television,

Adrian Murphy

Manager of Television Operations,

Leonard Hole
Director of Television Programs. Gilbert Seldes
Chief Engineer......Dr. Peter C. Goldmark
Assistant Chief Engineer......John N. Dyer

#### **FACILITIES**

The transmitter facilities of Station W2XAB are located on the 73, 74 and 75 floors of the Chrysler Building. The video transmitter radiates a single side band signal of negative polarity with a frequency band width of 30 cycles to 4.25 Mc. DC transmission is employed. The transmitter radiates about 15 kw on the peaks of the synchronizing pulses. The audio transmitter radiates about 7.5 kw of carrier power. Pre-emphasis of the high audio frequencies is used in accordance with suggested standards. The video and the audio input and monitoring equipment is located in a shielded room on the 74 floor where the transmitters also are situated. On the 73 floor transformers, reactors. motor generators and water cooling equipment are placed, while the air conditioning equipment and the single side band filter are on the 75 floor.

#### COLOR TELEVISION

In September. 1940, CBS first showed to the press Color Television from film. Within less than four months Columbia's engineers had carried to the demonstration stage a large number of additional developments in the color television field.

The following specific developments of the Columbia laboratories were demonstrated to the Federal Communications Commission and representatives of the industry on January 25, 1941:

- Real life objects and human beings were televised in natural color.
- (2) Color breakup was proven to be no problem.
- (3) High fidelity of color rendition was shown. (This simplifies the makeup problems, since women now need only ordinary street makeup when appearing before the television camera).
- (4) The level of light intensity on the scene for color television was well within the bounds of practicality.
  - \* Station had a construction permit at time of going to press and no further information was available.

- (5) Cool fluorescent lighting was used. (The studio temperature was comfortable).
- (6) That a color television receiver need not be large was indicated by the small and compact table model receiver on which the full color images appeared.
- (7) Operation of a special speed control for the receiver color disc. This makes the receiver and studio color filters run at identical speeds even when on different power supplies.
- (8) A simple push button device for putting the colors at the receiver in step with the colors at the pick-up end.
- (9) A new 24-frame-per-second scanner of film showed that color film, taken by any amateur or commercial camera, can be picked up for color television.
- (10) Multi-channel operation for color television demonstrated a lap dissolve technique of one color scene fading smoothly and gradually into another.

That much in everyday life is given meaning by color was demonstrated comparatively by scenes in black and white, and then by the same scenes in color. Illustrations last year revealed that in fields of educational and cultural pursuits, such as geography and art, color is required for fuller understanding and appreciation.

The color television pictures also showed how in football, as in other sports, the distinctively colored uniforms of the players identify them at once, and make the play easy to follow. A dramatic example of a football sequence was televised from color film. Here, there were comparative shots showing the same plays in black and white, and then in color. In black and white, identity of the teams was lost, and the course of the play had little meaning. In the color pictures, however, even when the play was tangled and complicated, the ball carrier could be followed as he crashed through the opposing line.

## W2XCB\*

## AREA OF NEW YORK CITY (PORTABLE)

FREQUENCY: 336000-348000 Kc. POWER: 6<sup>1</sup>2 Watts (Sight only). OWNED AND OPERATED BY: Columbia Broadcasting System. BUSINESS ADDRESS: 485 Madison Ave., New York, N. Y.

## W9XCB\*

#### CHICAGO

FREQUENCY: 78000-84000 Kc. POWER: Sight, 1000 Watts: Sound, 1000 Watts. OWNED AND OPERATED BY: Columbia Broadcasting System, Inc. BUSINESS ADDRESS: 410 N. Michigan Ave., Chicago, Ill.

## W6XCB\*

#### LOS ANGELES

FREQUENCY: 182000-168000 Kc. POWER: Sight, 1000 Watts; Sound, 1000 Watts. OWNED AND OPERATED BY: Columbia Broadcasting System. Inc. BUSINESS ADDRESS: 6121 Sunset Blvd., Los Angeles, Calif.

# W8XCT\*

FREQUENCY: 50000-56000 Kc. POWER: Sight, 1000 Watts: Sound, 1000 Watts. OWNED AND OPERATED BY: Crosley Corp. BUSINESS ADDRESS: 1329 Arlington St., Cincinnati, Ohio.

## W6XAO

## LOS ANGELES (HOLLYWOOD)— EST. 1931

FREQUENCY: Sight, 51250 Kc.; Sound, 55750 Kc. POWER: Sight, 1000 Watts; Sound, 150 Watts. OWNED AND OPERATED BY: Don Lee Broadcasting System. BUSINESS ADDRESS: 5515 Melrose Ave., Hollywood. PHONE: VAndike 7111. STUDIO AND TRANSMITTER LOCATION: 1 Lee Drive, Mt. Lee, Hollywood. TIME ON THE AIR: Sunday, 1:15 to 4:00 P.M.; Monday and Friday, 8:15 to 10:30 P.M.; Tuesday and Thursday, 8:00 to 9:15 P.M.; Wednesday, 8:00 to 9:15 P.M.; Saturday, 2:00 to 4:30 P.M. and 8:00 to 9:15 M.

## Personnel

PresidentThomas S. Lee
Vice-President and General Manager,
Lewis Allen Weiss
Director of Television
Assistant Director of Television Wilbur E. Thorp
Television EngineerWilliam S. Klein
Television Engineer
Television Engineer Robert L. Pitzer
Television Producer
Assistant DirectorL. Turner
Audio Engineer
Makeup ManA. Cramer

#### **FACILITIES**

SYSTEM IN USE: 441 line 30-60 frame and 525 30-60 frame, Standard, cathode-ray. Horizontal Polarization. Film equipment for broadcasting newsreels, shorts, and test items.

Mosaic live-pickup camera equipment for studio pickup. Portable television cameras and equipment for outside events. (W6XDU) RCA Manufacture.

W6XDU operates on 324 Megacycles and is a beam relay type transmitter.

Station had a construction permit at time of going to press and no further information was available. DEVELOPMENTS OF 1940: During 1940. W6XAO provided Los Angeles and surrounding cities with a complete television service. Daily programs were transmitted for a total of 840 hours, including 224 hours of remote television pickup via W6XDU on 73 separate programs.

The studio presentations included educational items and demonstrations, interviews, singers, dancers, fashion shows, sports exhibitions and instruction, plays, dramas, musical comedies, serial plays and many variations of the above.

Film presentations included full-length features, comedies, travel shorts, educational reels, and industrial subjects. Many disaster pickups, such as an oilwell fire, metropolitan fires, flood damage, sea and wind damage at the Beach cities, and earthquake damage in Imperial Valley were recorded on 16mm, film and telecast soon after happening.

Remote television pickups included weekly pickup of the Hollywood Stars Coast League professional baseball, twice weekly pickup of professional boxing and wrestling bouts at the American Legion Stadium in Hollywood, pickup of the filming of the Lum-and-Abner picture "Dreaming Out Loud" from a major motion picture lot, televising the Soap-box Derby, the Pasadena New Year's Tournament of Roses Parade, the Hollywood Bowl Easter Sunrise Service, the Young Skippers Regatta, the Coast IRE-AIEE Convention, the Screen Actors Guild Bathing Beauty Parade and many other events of interest.

Personalities to appear before our cameras have included Dick Powell, Tyrone Power, Kenny Baker, Leo Carrillo, Maxine Gray, Betty Jane Rhodes, Fritz Leiber, Don Wilson, Max Rheinhardt, Clarence Brown, Sally Rand, Arturo Godoy, Rube Wolf, and many others, less well-known but ranking in top interest and ability over television.

RECEIVERS: Receivers are on sale to the public in large department stores and radio dealers. A few hundred receivers are estimated to be in operation in Los Angeles. Hollywood, Inglewood, West Hollywood, North Hollywood, Burbank, Glendale, Pasadena. Long Beach and Pomona. The greatest distance of public reception is recorded at the city of Pomona which is thirty miles airline east of W6XAO and behind a range of hills.

PUBLIC DEMONSTRATIONS: Public demonstrations of the Don Lee television transmission are held almost daily by large downtown department stores and radio dealers.

PATENTS: United States and foreign patents covering film and live pickup, amplification. scanning sources, synchronization. receiver and cathode-ray tubes of Harry R. Lubcke are used in the work. The methods and equipment of the Don Lee System, though

producing RMA Standard images functions considerably differently from those of other television organizations.

## W 6 X D U

## AREA OF LOS ANGELES (PORTABLE)

FREQUENCY: 318000-330000 Kc. POWER: 612 Watts (Sight only). OWNED AND OPER-ATED BY: Don Lee Broadcasting System. BUSINESS ADDRESS: 5515 Melrose Ave., Hollywood, Calif.

## W6XDL\*

## SAN FRANCISCO-EST, 1941

FREQUENCY: 50000-56000 Kc. POWER: Sight. 1000 Watts: Sound, 1000 Watts. OWNED AND OPERATED BY: Don Lee Broadcasting System. BUSINESS ADDRESS: 5515 Melrose Ave., Hollywood, STUDIO AND TRANSMITTER LOCATION: San Francisco.

## W2XVT

## PASSAIC, N. J.—EST. 1938

FREQUENCY: Sight, 79.25 Mc.; Sound, 83.75 Mc. POWER: 5000 Watts (Sight and Sound). OWNED AND OPERATED BY: Allen B, Du-Mont Laboratories, Inc. BUSINESS ADDRESS: 2 Main Ave. STUDIO ADDRESS: Same. TRANSMITTER AND ANTENNA LOCATION: Same.

#### **FACILITIES**

The transmitter is being used to test out the features of the DuMont Television System which does away with the necessity of the standardization of the number of pictures per second or lines per picture. This system requires approximately one-half the frequency band over that required by conventional systems now in use. At the end of 1940 transmitter was testing with 735 lines and 15 pictures per second.

## W10XKT

## AREA OF PASSAIC, N. J. (PORTABLE)

FREQUENCY: Sight, 264 Mc. POWER: 50
Watts (Sight only). OWNED AND OPERATED
BY: Allen B. DuMont Laboratories, Inc. BUSINESS ADDRESS: 2 Main Ave.. Passaic, N. J.
STUDIO ADDRESS: Variable. TRANSMITTER

Station had a construction permit at time of going to press and no further information was available. AND ANTENNA LOCATION: Variable. TIME ON THE AIR: No stated schedule.

## **FACILITIES**

This transmitter is used to pick up outside events.

## W 2 X W V \*

## NEW YORK CITY

FREQUENCY: Sight, 79.25 Mc.; Sound, 83.75 Mc. POWER: 1000 Watts (Sight and Sound). OWNED AND OPERATED BY: Allen B. DuMont Laboratories, Inc. BUSINESS ADDRESS: 515 Madison Ave., New York, N. Y. STUDIO ADDRESS: Same. TRANSMITTER AND ANTENNA LOCATION: Same.

#### **FACILITIES**

This transmitter utilizing DuMont television system has complete facilities for the transmission of film, direct pick-up and studio programs.

## **W3XWT**\*

## WASHINGTON, D. C.

FREQUENCY: 50000-56000 Kc. POWER: 1000 Watts (Sight and Sound). OWNED AND OPERATED BY: Allen DuMont Laboratories, Inc. BUSINESS ADDRESS: 2 Main Ave., Passaic, N. J. STUDIO, TRANSMITTER AND ANTENNA LOCATION: Washington, D. C.

## unassigned\* FORT WAYNE, IND.

FREQUENCY: 66000-72000 Kc. POWER: Sight, 1000 Watts; Sound, 1000 Watts. OWNED AND OPERATED BY: Farnsworth Television & Radio Corp. BUSINESS ADDRESS: Fort Wayne, Ind.

## W 1 X A \*

#### BRIDGEPORT—EST. 1939

FREQUENCY: 60.000 to 86.000 Kc. POWER: Sight, 175 Watts; Sound, 100 Watts, OWNED AND OPERATED BY: General Electric Co. BUSINESS, STUDIO, TRANSMITTER AND ANTENNA LOCATIONS: Bridgeport.

## W2XB

## SCHENECTADY-EST, 1939

FREQUENCY: Sight, 67.250 Kc.; Sound, 71.750 Kc. (Channel 3). POWER: Sight, 10,000 Watts; Sound, 3000 Watts. OWNED AND OPERATED BY: General Electric Co. BUSINESS ADDRESS: 1 River Road. STUDIO ADDRESS: Same. THANSMITTER AND AN-

TENNA LOCATION: Helderberg Mountains, 12 miles south of Schenectady. TIME ON THE AIR: No stated schedule.

#### Personnel

Technical Supervisor......W. J. Purcell Program Manager........J. G. T. Gilmour

#### **FACILITIES**

G. E. uses a system similar to the RCA-NBC equipment but with several entirely new variations. This includes low level modulation with radio relay link between studio and transmitter and linear Class B R.F. amplifiers to bring the power up to 40 kilowatts black level. It is an all-electric system designed to produce a 441-line definition, 30 frames per second, 60 fields per second with an aspect ratio of 4 to 3. General Electric has developed high power transmission at television frequencies and proper modulation of the television carrier signal. It has also developed improved vacuum tubes which exhibit more favorable characteristics, developed wide band output coupling circuits without sacrificing plate efficiency and increased transmission fldelity by expanding the frequency range up to 4 megacycles. Simultaneous operation of stations at Schenectady and Bridgeport on the same frequency is expected to increase knowledge of diurnal and seasonal signal strength variations and determination of the amount of interference permissable, necessary geographic separation and effect of directional antennas.

This transmitter provides a high signal level to Albany, Troy, Schenectady and other nearby cities.

Engineering field tests are now in progress and a regular schedule of public broadcasts is expected to be announced late in 1939 or early in 1940. Engineering tests also under way on receiving equipment at a special receiving site in the Helderbergs near the transmitter which are expected to result in high quality reception of programs from New York City suitable for rebroadcast transmission over W2XB.

Technical supervision under W. J. Purcell; program manager, J. G. T. Gilmour.

## W 2 X D - W 2 X H

SCHENECTADY-EST. 1939

FREQUENCY: W2XD: 156,000 to 168,000 Kcs., used for relaying programs; W2XH: 288,000 to 294,000 Kcs.. used for experimental laboratory work. POWER: 40 Watts (Sight, only). OWNED AND OPERATED BY: General Electric Co. BUSINESS AND STUDIO ADDRESS: 1 River Road, TRANSMITTER AND

<sup>\*</sup> Station had a construction permit at time of going to press and no further information was available.

ANTENNA LOCATION: Schenectady. TIME ON THE AIR: No stated schedule.

### **FACILITIES**

These stations, on completion, will be used for the most part in connection with experimental work in the laboratory and to supplement the experimental public service television programs of the G.E.'s Helderberg and Bridge-port transmitters. One of the Schenectady transmitters, W2XD, serves as a relay visual station to transmit programs from the studio to the transmitter on a sharply directive beam obviating the necessity of a coaxial cable. For further information concerning system used for these stations, facilities, etc., see information listed under W2XB, Schenectady, N. Y. (above).

## W 1 X G

#### **BOSTON**

FREQUENCY: 51.25 Mc. POWER: 500 Watts (visual). OWNED AND OPERATED BY: General Television Corp. PHONE: Commonwealth 6410. BUSINESS ADDRESS: 70 Brookline Ave. STUDIO, TRANSMITTER AND ANTENNA LOCATION: 70 Brookline Ave. TIME ON THE AIR: Monday through Friday, 2:30 to 3:30 P.M. and 8:30 to 9:30 P.M.

## Personnel

President	.Thompson L. Gu	ernsey
Program Director	Stuart I	Mosher
Musical Director	William	Fuller
Chief Engineer	Hollis	Baird

## W6XHH\*

#### LOS ANCELES

FREQUENCY: 60000-66000 Kc. POWER: Sight, 10000 Watts; Sound, 10000 Watts. OWNED AND OPERATED BY: Hughes Tool Co. BUSINESS ADDRESS: Los Angeles, Calif.

## **W6XHT**\*

## SAN FRANCISCO

FREQUENCY: 60000-66000 Kc. POWER: Sight, 1000 Watts; Sound, 1000 Watts. OWNED AND OPERATED BY: Hughes Tool Co. BUSINESS ADDRESS: San Francisco, Calif.

## W 9 X M J

## MILWAUKEE

FREQUENCY: 66000 to 72000 Kc. POWER: 1000 Watts (Sight and Sound). OWNED AND OPERATED BY: The Journal Co. BUSINESS ADDRESS: 333 West State St., Milwaukee, Wisc.

## W6XLJ\*

## LOS ANGELES

FREQUENCY: 186000-192000 Kc. POWER: Sight, 1000 Watts; Sound, 1000 Watts. OWNED AND OPERATED BY: B. B. Shapiro, F. P. Shapiro and H. Shapiro, d b as Leroy's Jewelers. BUSINESS ADDRESS: Los Angeles, Calif.

## W9XAK\*

## MANHATTAN, KANS.

FREQUENCY: 50000-56000 Kc. POWER: Sight, 100 Watts; Sound, 100 Watts. OWNED AND OPERATED BY: Kansas State College of Agriculture & Applied Science. BUSINESS ADDRESS: Manhattan, Kans.

## W6XMC\*

## LOS ANGELES

FREQUENCY: 210000-216000 Kc. POWER: Sight, 1000 Watts: Sound, 1000 Watts. OWNED AND OPERATED BY: May Department Stores Co. BUSINESS ADDRESS: Los Angeles, Calif.

## W 2 M T \*

## NEW YORK CITY

FREQUENCY: 162000-168000 Kc. POWER: Sight, 250 Watts; Sound, 1000 Watts. OWNED AND OPERATED BY: Metropolitan Television, Inc. BUSINESS ADDRESS: New York, N. Y.

## W2XBS

## NEW YORK CITY-EST. 1928

FREQUENCY: Sight, 51250 Kc.; Sound, 55750 Kc. POWER: Sight, 12000 Watts; Sound, 15000 Watts. OWNED AND OPERATED BY: National Broadcasting Co. BUSINESS ADDRESS: 30 Rockefeller Plaza. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Empire State Bldg.

#### Personnel

Vice-President In Charge of Television,

A. H. Morton

Assistant to the Vice-President, Noran E. Kersta Manager of Television Program Division,

Thomas H. Hutchinson

Chief Television Engineer....Robert E. Shelby FACILITIES

This station uses the RCA television system. Beginning on April 30, 1939, a regular television program service for the public in the New York City area was inaugurated. Service continued until July 31, 1940 when a tempo-

Station had a construction permit at time of going to press and no further information was available.

rary cessation occurred to permit alteration in transmitter equipment necessary to comply with a new channel assignment made by the Federal Communications Commission. Since October 27, 1940, testing of the new equipment has been taking place in the form of an irregular and limited program schedule. When these tests are completed an increased program service is contemplated.

Television transmissions over W2XB5 have been in accordance with RMA Technical Standards. RCA studio and transmitter equipment is utilized. The programs are supplied from a direct pickup studio equipped with three cameras, a film studio equipped with two cameras, a mobile unit having two cameras for televising scenes outside the studio and a transportable unit for supplementing mobile unit service. A large variety of programs utilizing all methods of pickup has been transmitted, and a systematic study of audience reaction has been developed. The National Broadcasting Co. employs over 50 persons in its television activity.

Signals of this station have been received within a radius of approximately 60 miles. Considerably longer distances are not uncommon. In fact, W2XB, a television transmitter in Schenectady, has relayed program from W2XBS after receiving signals over an air line distance of 120 miles.

Besides this station the National Broadcasting Co. operates Television Station W2XBT, mobile television station thich operates on Channel No. 8 (162.000-168.000 Kc.) with a power of 400 Watts for sight transmission and 100 Watts for sound transmission. A transportable sight transmitter, W2XBU, is also operated by the National Broadcasting Co. This transmitter is licensed to operate in two channels (282.000 to 288.000 Kc. and 288.000 to 294,000 Kc.) The power for sight transmission for the latter is 15 watts.

#### HISTORY

Experimental television station W2XBS was originally installed at the RCA Technical and Test Laboratory, Van Cortlandt Park, New York City. The first construction permit was granted on April 4, 1928 and the first temporary license was issued in June, 1928. From time to time various station permits allowed television experimental transmission on 4800 Kc., 2300 to 3300 Kc., 2050 to 2150 Kc., 2000 to 2100 Kc. and 2100 to 2200 Kc. The first permanent license was issued on December 1. 1928 with an assigned frequency band of 2100 to 2200 Kc. In the latter part of 1928 the station was moved to the RCA Photophone Building, 411 Fifth Avenue. On June 27, 1930, it was moved to the Times Square Studio of the National Broadcasting Company, where on July 7, 1930 it passed from RCA to NBC management.

In 1931 NBC television was carried on from

W2XBS's present location on the top of the Empire State Building.

During 1936 and 1937 NBC operated with the new high definition standards, demonstrating television to hundreds of groups from all walks of industrial and national life.

In 1938 standards were further improved to conform with the Radio Manufacturers Association recommendations.

Television mobile equipment was demonstrated in Washington, D. C., for Congress in February, 1939, just prior to the beginning of the New York public service on April 30, 1939. Outstanding transmissions since then include the Inaugural Exercises of the New York World's Fairs of 1939 and 1940; the complete proceedings of the Republican National Convention meeting in Philadelphia (sent by coaxial cable from Philadelphia to New York for transmission by W2XBS); the Democratic and Republican political rallies from Madison Square Garden prior to the 1940 election; and the transmission of actual returns on Election night.

Standards of transmission continue to contorm to recommendations of the RMA. Future standards to be used will be those chosen by the National Television Systems Committee.

## W2XBT

## AREA OF NEW YORK, N. Y. (PORTABLE)

FREQUENCY: Sight 162000-168000 Kc. POWER: Sight, 400 Watts; Sound, 100 Watts. OWNED AND OPERATED BY: National Broadcasting Co. BUSINESS ADDRESS: 30 Rockefeller Plaza. STUDIO ADDRESS: Variable (outdoor and indoor remotes). TRANSMITTER AND ANTENNA LOCATION: Variable (Mobile Unit 1B).

## **FACILITIES**

This transmitter is a mobile unit used for pickups of remote programs with public interest such as baseball, football, boxing, wrestling, parades, public meetings, sidewalk interviews, aircraft flying and performance, etc. The technical staff for the unit consists of nine persons. Two cameras connect to the unit by means of 400 to 800 feet of 32 conductor cable. Picture in its completed state is sent to the transmitter unit through the cable and thence to the Empire State Building receiving location by means of a permanent antenna on the unit or a portable antenna which is affixed to roof tops, etc. At the end of 1940 power was obtained from public utility mains (750 foot cable carried). greatest distance of successful transmissions at the time of going to press was 27 miles on test and 24 miles on a regularly scheduled tennis telecast.

## W2XBU

## AREA OF NEW YORK, N. Y. (PORTABLE)

FREQUENCY: Sight only licensed at present 282,000-288,000 Kc. and 288,000-294,000 Kc. POWER: Sight only, 15 watts. OWNED AND OPERATED BY: National Broadcasting Co. BUSINESS ADDRESS: 30 Rockefeller Plaza. STUDIO ADDRESS: Locale of use variable. Outdoor and indoor remotes. TRANSMITTER LOCATION: Variable.

#### **FACILITIES**

This transmitter is transportable. It is a very compact unit weighing under 1000 pounds divided into carrying cases not exceeding 75 to 90 pounds each. It is used for difficult remote pickups impractical for the larger Mobile unit W2XBT. The equipment includes in addition to the transmitter, two cameras with appropriate monitoring apparatus and operates from 60 cycle AC current. In practice W2XBU would relay its signal to the Mobile Unit nearby (W2XBT) for re-transmission by W2XBS atop the Empire State Building.

## W3XPP\*

FREQUENCY: 102000 to 108000 Kc. POWER: 1000 Watts (Sight and Sound). OWNED AND OPERATED BY: National Broadcasting Co. BUSINESS ADDRESS: 30 Rockefeller Plaza. New York, N. Y. STUDIO, TRANSMITTER AND ANTENNA LOCATION: Philadelphia, Pa.

# W3XNB \* WASHINGTON, D. C.

FREQUENCY: 60000 to 66000 Kc. POWER: 1000 Watts (Sight and Sound). OWNED AND OPERATED BY: National Broadcasting Co., VISINESS ADDRESS: 30 Rockefeller Plaze. Now York, N. Y. STUDIO, TRANSMITTER AND AN, TENNA LOCATION: Washington, D. C.

## W3XE

#### PHIL. VDELPHIA --- EST. 1931

FREQUENCY: 68000 to 72000 Kc. POWER: Sight, 10000 Watts: Sound, 10000 Watts. OWNED AND OP. RATED BY: Philos Radio & Television Corp. BY SINESS ADDRESS: Tioga and "C" Sts. STUD O AND TRANSMITTER LOCATION: Same. TIME ON THE AIR: No stated schedule: at the e. vd of 1940 station was maintaining a minimum program schedule of 10 hours per week.

## Personnel

Program Director......E. N. Alexander Engineer in Charge.....William N. Parker FACILITIES

This station uses the Philco Television System. Reception is heard in the homes throughout Philadelphia and surrounding territory and has been reported from points 50 miles from the transmitter.

This station is used for experimentation and research in connection with television development. It has been used in field testing many new standards such as 525 lines, etc.

## **W3XP**

## PHILADELPHIA (PORTABLE)— EST. 1938

FREQUENCY: 234000 to 246000 Kc. POWER: 15 Watts (Sight and sound) (C.P. 125 watts). OWNED AND OPERATED BY: Phileo Radio & Television Corp. BUSINESS ADDRESS: Tioga and "C" Sts. STUDIO ADDRESS: Same TRANSMITTER AND ANTENNA LOCATION: Remote pick-ups in and around Philadelphia. TIME ON THE AIR: No stated schedule.

#### Personnel

Program Director.....E. N. Alexander Engineer in Charge......William N. Parker FACILITIES

This transmitter is used for relaying television pickups to the main transmitter. W3XE. Typical of such programs were the 1940 Republican National Convention and the entire home football schedule of the University of Pennsylvania.

## **W9XG\***

## WEST LAFAYETTE, IND.—EST. 1931 (PORTABLE)

FREQUENCY: 66000 to 72000 Kc. POWER: 750 Watts (Sight and Sound). OWNED AND OPERATED BY: Purdue University. BUSINESS ADDRESS: Electric Bldg., Purdue University. PHONE: 2917. TRANSMITTER LOCATION: West Lafayette.

Station had a construction permit and was under reconstruction at time of going to press. Upon completion experimental programs only will be broadcast.

## W2XDR

LONG ISLAND CITY, N. Y.

FREQUENCY: 42000 to 55000 Kc. and 60000 to 86000 Kc. POWER: Sight, 1000 Watts:

Station had a construction permit at time of going to press and no further information was available. Sound, 500 Watts. OWNED AND OPERATED BY: Radio Pictures, Inc.

## W3XAD

CAMDEN, N. J.—EST. 1931

(PORTABLE)

FREQUENCY: 321,000 to 327,000 Kcs. POW-ER: Sight, 500 Watts; Sound, 500 Watts. OWNED AND OPERATED BY: RCA Manufacturing Co. BUSINESS ADDRESS: RCA Frequency Bureau, 30 Rockefeller Plaza, New York City. TRANSMITTER LOCATION: Portable Laboratories in Camden, N. J. TIME ON THE AIR: No stated schedule.

## **FACILITIES**

This station is an experimental portable unit and no one system is strictly adhered to; a complete description of the basic method ased in transmission is given in the Proceeding of the Institute of Radio Engineers (Vol. 22, No. 1, November, 1934).

Several experimental television receivers have been set up within a 2 or 3 mile radius for experimental purposes.

The frequency band occupied by this transmitter varies from one to six megacycles on each side of the carrier. The band emitted during a particular lest period is dependent upon the particular experimental project under test. This band width is determined by measuring the overall frequency characteristics of the system.

## W3XEP

CAMDEN, N. J.—EST. 1935

FREQUENCY: 84000 to 90000 Kc. POWER: Sight. 30000 Watts: Sound, 30000 Watts. OWNED AND OPERATED BY: RCA Manufacturing Co. BUSINESS ADDRESS: RCA Frequency Bureau. 30 Rockefeller Plaza. New York City. TRANSMITTER LOCATION, Camden, N. J. TIME ON THE AIR: No stated schedule.

#### **FACILITIES**

This station is experimental and no one system is strictly adhered to; a complete description of the basic method used in transmission is given in the Proceeding of the Institute of Radio Engineers (Vol. 22, No. 11, November. 1934)

Several experimental television receivers have been set up within 2 or 3 miles of each other. The receivers are a part of the equipment used in television research.

The frequency band accupied by the transmitter varies from one to six megacycles on each side of the carrier. The band emitted during a particular test period is dependent upon the particular experimental project

under test. This band width is determined by measuring the overall frequency characteristics of the system.

## W6XLA\*

LOS ANGELES

FREQUENCY: 234000-246000 Kc. POWER: Sight, 250 Watts: Sound, 250 Watts. OWNED AND OPERATED BY: Television Productions. Inc. BUSINESS ADDRESS: Los Angeles, Calif.

## W9XUI

**IOWA CITY** 

FREQUENCY: 50000 to 56000 Kc. and 210000 to 216000 Kc. (Sight only). POWER: 100 Watts (Sight only). OWNED AND OPERATED BY: University of Iowa. BUSINESS ADDRESS: Iowa City. STUDIO, TRANSMITTER AND ANTENNA LOCATION: Same.

Personnel

Head of Electrical Engineering Department,

E. B. Kurtz

## **W** 6 **X Y Z** \*

LOS ANGELES

FREQUENCY: 78000 to 84000 Kc. POWER: 1000 Watts (Sight and Sound). OWNED AND OPERATED BY: Television Productions, Inc. BUSINESS ADDRESS: Los Angeles, Calif. STUDIO, TRANSMITTER AND ANTENNA LOCATION: Same.

## W3XAU\*

PHILADELPHIA

FREQUENCY: 84000 to 90000 Kc. POWER: 1000 Watts (Sight and Sound). OWNED AND OPERATED BY: WCAU Broadcasting Co. BUSINESS ADDRESS: 1622 Chestnut St., Philadelphia, Pa. STUDIO, TRANSMITTER AND ANTENNA LOCATION: Philadelphia, Pa.

## W9XZV

CHICAGO, ILL.

FREQUENCY: Sight, 51.25 Mc.: Sound, 55.75 Mc. POWER: 1000 Watts (Sight and Sound). OWNED AND OPERATED BY: Zenith Radio Corp. BUSINESS ADDRESS: 6001 Dickens Ave. PHONE: BErkshire 7500. STUDIO ADDRESS: Same. TRANSMITTER AND ANTENNA LOCATION: Same.

Personnel

President E. F. McDonald, Jr. Station Manager J. E. Brown

Station had a construction permit at time of going to press and no further information was available.

## Television Headlines Of 1940-From Radio Daily

## JANUARY

- Jan. 3-Philco's Prexy Gubb Sees Television In For Big Improvement.
- Jan. 9-More Film Material Set For NBC's Tele-
- Jan. 10-Bulova Uses Television To Show New Line.
  - Low Cost "Boosters" Speed Television Network.
- Jan. 12-FM Group To Ask FCC Delay On Television Decision.
- Jan. 16-Television Hearing Under Way; Varied Viewpoints Heard By FCC Both Defending And Attacking The Commission's Report.
- Jan. 18-Kesten Offers Television Plan; Proposals For Protecting Both Public And Industry Against Kickback; FCC Hearing Resumes.
- Jan. 22-Television Hearing Gets Serious; Ramifications Over RMA Standards Keeps Chairman Fly On The Alert; DuMont Battles "Freezing."
- Jan. 23-Television Standards In "Middle" Of Confusing Free-For-All.
- Jan. 24—Fly Ends Television Hearing; Scrappy Pros And Cons Over Patents, License-Agreements Toward Close; Summaries To Be Filed. Germany Resuming Television On a Skeleton
- Basis. Jan. 31-New RCA Television Relay Developed; Can Cover Vast Area. Lubcke Sees Don Lee Telecasting 100 Miles.

## **FEBRUARY**

- Feb. 1—Television's "Crucial" Moment: Much Depends On Commission's Tour Which Starts Today; All Concerns File Hearing-Memoranda.
- Feb. 2-Television Briefs Differ Widely As To Standard And Public. Great Britain May Resume Television Utilizing Phone Wires.
- Feb. 6-FCC Concludes Television Tour; Views RCA's Large Screen.
- Feb. 7-Complete Legitimate Drama Gets Equity Television Okay.
- Feb. 9-Television's Light Sensitivity Aided By New Discovery.
- Feb. 14—Equity Names Its Representatives For Union Television Board.
- Feb. 16-Philco Television Progresses With 605-Line Picture.
  - Asks FCC To Approve Immediate Commercial Television.
- Feb. 19-See IATSE Grabbing Television For Own Jurisdiction.

- Feb. 20-Seeks "Junior" Union Talent For Experimental Television And FM.
- Feb. 23-Coast Television Impresses FCC Field Inspector.
- First Dual Television Show Gets Under Way Over NBC. Fcb. 27—Television Hook-up Feasible Between
- New York And Chicago.
- Feb. 29—See United States In Television Lead, Says Scophony Official.

## MARCH

- Mar. 1-Television Standards Kept Open; Limited Commercials With Coast Borne By Sponsor Set For September 1; Larger Screens Favored By FCC
  - NBC Boosting Schedule Of Special Television Shows.
- Mar. 5-Television Steps Np Survey Of Film Availability. International Television Convention Readies
- For Coast In June. Mar. 6—NBC Television "Mysteries" To Give Cash Prizes.
  - KFRC Closes Television Deal To Give Don Lee Films.
- Mar. 7-Television From Airplane Proves Revela-
  - Morton Of NBC Tells Chicago It Is Second Television Market.
- Mar. 13—RCA Television Sales Drive; As Expected, Set Prices Are To Be Cut One-Third And To Hold For Two Years; Extensive Advertising Campaigns.
- Mar. 14-Esso Signs For NBC Television; Limited Commercial Set, While RCA Files For Three More Stations.
- Mar. 19-Armstrong Fires First FM Gun; Inventor Presents Case As Opening Witness In FCC Hearing; Sees Television Use For Higher Frequency.
- Mar. 21-Special NBC Service For Television Set Owners.
  - Agency Radio Executives Attend Esso Television Debut.
  - Cath-Ray Introduces Low Priced Television Set.
- Mar. 22-Public Reaction Good To Lower Priced Television Units.
- Mar. 25-RCA-NBC Covers On FM; Application In For Five Such Stations In Key Cities Across The Country; Also Files For Television CPs.
  - NBC Television Film Supply Goor For Whole Year.
  - FCC Calls Television Hearing; Kills Limited Commercials.

Mar. 26-RCA Halts Campaign But Not Sale Of Television Sets.

Mar. 27-Press Reaction Unfavorable Anent FCC's New Television Order.

#### APRIL

Apr. 2-Radio Writer's Guild Seeks To Hold Television Rights.

Apr. 3—Fly Explains Television Stand; Makes Two Speeches Defending Action Harping On Public Protection: Defines Regulatory Powers.

Apr. 4—Television Setup Grows Tense; RCA et al Completing Their Briefs For FCC's Hearing Next Monday; Stiff Battle Indicated. Television And Facsimile Looms In ANPA Report.

Apr. 9-FCC Opens With DuMont; RCA Tact Avoids Early Clash In Television Hearing.

Apr. 11-Senate Hears Television Story; Fly Defends Recent Action: Sarnott Foresees Billion Dollar Industry; Barbour Introduces FCC

Indie Television Manufacturers Ask FCC For Free Rein On Selling,

Apr. 15-FDR Fights Monopoly In Television Field. First W2XBS Serial Set; DuMont Sales In-

crease.

Apr. 17—DuMont's September Start Using 625-Line Pix.

Apr. 19-Television Set Sales Mount In Metropolitan Area.

Apr. 22—Biow Agency Installing Complete Television Eulpment.

Apr. 23-Joyce Sees Television As Aid To All Picture Companies. Paramount Pictures To Be Telecast By Du-

Mont; FCC Receives Squawk.

Apr. 24-Say New Television System Aids Camera's Scope. Apr. 25—Television-FM Interests File

Brings With FCC.

Apr. 26-Morton Reviews Television Year; Sees Regional Net In Offing.

Apr. 29-Philco New Financing To Cover Television And FM.

Apr. 30-Farnsworth For Television; Zenith Will Lay Off.

#### MAY

May 1-Urges FCC To Free Television; Farnsworth Brief Favors Commercial Status Immediately. Unrestricted; See Public's Role Important.

May 6-RCA's Strong Plea For Television's Freedom.

NBC Will Present A Television Beauty Show. May 7-Television Political Debut At GOP Convention.

May 8-Attack FCC's Policies; Lundeen And GOP Chairman Both Denounce Commission Tactics As Fly Speeds Television Report. NBC Large Screen Television Show Reveals Perfect Reception.

May 9-Over 100 Television Sets Weekly Being Sold In New York.

May 10-CBS Strong For Television; Denies Opposition To Its Development, Citing Very Costly Pioneering Although Not Owning Patents.

May 14-Television Report In Few Days; Final Draft Being Set By Counsel But FCC Remains Non-Committal As To Actual Content.

May 16-Television's Relay System Visioned By Harbord.

Television Headline 1940 New York World's Fair.

May 21-Fly Sees Television Report Delay; NBC-RCA Mulls Channel Loss.

May 22-DuMont Off Smaller Sets; Large Television Screens Only.

May 23-Twenty-Nine Television Patent Being Sold By Receiver.

May 24—Secures Patent For New Television Color System.

May 28-DuMont Has Television Subject At Paramount Theaters.

May 28-Quash Television Commercials: FCC's Report Still Holds Off September 1 Order For Limited Business, Until All Are Agreed On Standards.

May 29-Television Report Flayed By Senator Lundeen.

#### JUNE

June 3-Fair Radio Time Booms: More Than 100 Shows Originating On Grounds Weekly; Television And Facsimile Attract Large Crowds. DuMont Expanding Plant To Meet Heavy Demand.

June 4-Fly Finds No Television Hurry: Others View Big Industry.

June 7—Farnsworth Shows Television Units At Sales Session.

June 11-Monopoly Report Ready; Release Within Three Days Says Fly Who Adds That Television Setup Has "Proved Encouraging."

June 13-Sees Television Mobile Unit As U. S.

Defense Measure. June 14-Craven Tells Lundeen Television Will Be Helped.

NBC Gets Details Of Its Television Coverage Ready For GOP Convention.

June 18-Net Cuts Television Staff; Time Schedule Remains.

June 19-FCC Sets New Rules Governing Television

June 20-DuMont's Transmitter Opens New York Television Tests. Kolorama Television Lab. Seeks Okay For

Reorganization. June 24—Television's Severest Test Underway

In Philadelphia. June 25—Television From Philadelphia Hold

Highly Satisfactory. June 28-Initial Deliveries Made Of New Du-

Mont Television Set.

#### JULY

July 1-Don Lee Rushing Plans For Television Plant On January 1.

July 5--RMA Withholds Tie-Up With Coast Television Show.

July 8—Extensive Television Program For New York World's Fair.

July 11-Television-Pathe In Tieup To Cover Convention.

IATSE Sets Committee To Survey Television On Coast.

July 15—Balaban & Katz's Television Station Readied For January 1 Debut.

July 17-DuMont Reverts To Leases in Television Set Selling Plan.

July 18—NBC And Don Lee Television Taking

No. 1 Channel.

July 22-Baker Made Chairman Of New Television Committee.

Television Improvement Revealed By New York World's Fair Poll.

July 23-Assign New Channels For CBS-DuMont Television. Television Outlook "Encouraging" And Setup

Good. Says Fly. July 25-English Large-Screen Television Plans

Early Debut In U. S. July 26-WCAU Gets Television Construction Permit; Purdue And Iowa University Also Get Okay.

DuMont Commends NBC In Making Television Change.

"Unit Assembly" Urged In Television Construction.

## AUGUST

Aug. 1-National Television Committee Set; Nine Subcommittees To Prepare Studies Of Individual Problems; Compromise On Standards In Offing. Television Takes Vacation.

Aug. 2—Zenith Television Transmitter Closes For Line Changes.

Aug. 6-FCC Grants Two Television CPs In Chicago And Washington.

Aug. 8—Two New Television Stations In Los Angeles And New York.

Aug. 13-Television Committee Confabs Set For Next Six Weeks.

Aug. 14—Expects \$200,000,000 Television Sales Within Coming Decade.

Aug. 15-Additional Television CPs Sought By CBS, Balaban & Katz And Television Productions, Inc.

Aug. 16—Frank Mullen Sees Television-FM Eventually Accepted.

Aug. 19—Television History Being Compiled By RMA For National Television Systems Com-

Aug. 20—Television Study Ready January 1: Television Committee Sets Informal Goal For Completion Of Studies.

Aug. 22-Commercial Television Otulook Brightens As Committee Chairmen Meet. Aug. 26-Television Confab Predicts Broad Re-

organization. Aug. 27-Ultimate Television-Motion

Unity Imperative-Fly.

Aug. 29-Television Okay Received By Crosley From FCC.

DeForest's Television-Plane To Be Ready In Year.

Gulf Oil To Sponsor KDKA Television Show. Aug. 30-CBS Develops Color Television System.

#### SEPTEMBER

Sept. 3—DuMont Polling Television Audiences Regarding Programs.

Sept. 5—CBS Shows Color Television; Special Demonstration Reveals Sharp, Detailed Transmission For Films; To License Receiver Manufacturers.

Sept. 17—See Television Standards Ready By End Of Year.

Sept. 18-Agency-Oil Company Join To Televise Football.

Sept. 19-WOR Granted Permit For New York Television Otulet.

Sept. 24—Unions Still Worrying Over Television Supervision.

Sept. 25-RMA Sets Big Meet Oct. 7-8; Will Hear FM-Television Reports. Sept. 26—Saturday Evening Post Article Attacks

FCC Television Stand.

## **OCTOBER**

Oct. 1-National Television Systems Committee To Convene For Panel Discussions.

Oct. 4-NBC Advances Plans For Television In Capital.

Oct. 9-Rush Television Standards For January 1 Completion.

Oct. 14-See Television Resuming On Big Scale Soon.

Oct. 18—CBS Sets Television Tests For January 1941.

Balaban & Katz Gets Television Permit.

Oct. 23-NBC Resuming Television; First Program On Sunday.

Cct. 29-Will Rush FM Says Fly; FCC Meeting Called For Next Friday To Expedite Station Applications; Television Committee Reports Soon.

Oct. 31-Television Election Coverage; Complete Pictorial Story To Show Returns—Progress Of Candidates In Elaborate NBC Plan.

#### NOVEMBER

Nov. 1-FCC Stalls Television Confab To Sometime In January.

Nov. 7-1,400,000 Saw Television During New York World's Fair.

Nov. 12-IRE Opens 12th Confab; RMA-Engineer Institute Starts Sessions With Talks On Industry Problems; CBS Color Television Study Today.

Nov. 13-Optimistic Television Note At Engineer Conclave.

Nov. 28-NBC Not Letting Down In Television Experiments.

Nov. 29-Future Television Plans Revealed By Mullen. IATSE Considers Television During AFL Convention.

#### DECEMBER

Dec. 9-DuMont And WOR Cooperating On Televising Pigskin Games.
Dec. 10—NBC Television Transmitter Resumes

Minus 'Bugs.

Dec. 11—Big Television-FM Agenda For Engineer Confab.

Dec. 13-W2XBS Television Schedule Accents Mobile Pickups. FM-Television Activity To Be Synchronized

By Metropolitan Television, Inc. Dec. 26-General Electric Television Show Readied For Shell Oil.

## TELEVISION STANDARDS

As an aftermath of the granting of limited commercial television operations, which were to start on September 1, 1940, and the subsequent revocation of the order by the Federal Communications Commission, television's engineering leaders, representing diverse and in some cases conflicting schools of thought, met last August to form the National Television Systems Committee in an attempt to reach an agreement on standards. This committee, while a non-governmental group, received the full cooperation of the FCC and operated under the auspices of the Radio Manufacturers' Association. Nine sub-committees made exhaustive studies of the problem and the result of their work was submitted in the form of a report to the Commission at the end of January.

Twenty-two standards for commercial television were submitted to the FCC by the Committee, following reports of the various sub-committee chairmen. The recommendations provided:

- 1. The width of the standard television broadcast channel shall be six megacycles per second.
- 2. It shall be standard to locate the picture carrier 4.5 megacycles per second lower in frequency than the unmodulated sound carrier.
- 3. It shall be standard to locate the unmodulated sound carrier 0.25 megacycles per second lower than the upper frequency limit of the channel.
- 4. The standard picture transmission amplitude characteristic agreed upon was represented by a diagram.
- 5. The standard number of scanning lines per frame period in monochrome shall be 441, interlaced two to one.
- 6. The standard frame frequency shall be 30 per second and the standard field frequency shall be 60 per second in monochrome.
- 7. The standard aspect ratio of the transmitted television picture shall be 4 units horizontally to 3 units vertically.
- 8. It shall be standard, during the active scanning intervals, to scan the scene from left to right horizontally and from top to bottom vertically, at uniform velocities.
- 9. It shall be standard in television transmission to use amplitude modulation for both picture and synchronizing signals, the two signals occupying different amplitude ranges.
- 10. It shall be standard that decrease in initial light intensity cause an increase in radiated power.
- 11. It shall be standard that the black level be represented by a definite carrier level, independent of light and shade in the picture.
- 12. It shall be standard to transmit the black level at 75 per cent (with a tolerance of plus or minus 2.5 per cent) of the peak carrier amplitude.

- 13. It shall be standard to use frequency modulation for the television sound transmission.
- 14. It shall be standard to pre-emphasize the sound transmission in accordance with the impedance frequency characteristic of a series inductance-resistance network having a time constant of 100 microseconds.
- 15. It shall be standard in television transmission to radiate the synchronizing waveform shown in (diagram).
- 16. It shall be standard that the time interval between the leading edges of successive horizontal pulses shall vary less than one-half of one per cent of the average interval.
- 17. It shall be standard in television studio transmission that the rate of change of the frequency of recurrence of the leading edges of the horizontal synchronizing signals be not greater than 0.15 per cent per second, the frequency to be determined by an averaging process carried out over a period of not less than 20, nor more than 100 lines, such lines not to include any portion of the vertical blanking signal.
- 18. It shall be standard to rate the picture transmitter in terms of its peak power when transmitting a standard television signal.
- 19. It shall be standard in the modulation of the picture transmitter that the radio frequency signal amplitude be 15 per cent or less of the peak amplitude, for maximum white.
- 20. It shall be standard to employ in undulated radiated carrier power of the sound transmission not less than 50 per cent nor more than 100 per cent of the peak radiated power of the picture transmission.
- 21. It shall be standard in the modulation of the sound that the maximum deviation shall be plus or minus 75 kilocycles per second.
- 22. It shall be standard in television broadcasting to radiate horizontally polarized waves.

## F.C.C. REGULATIONS REGARDING BROADCAST STATIONS FOR TELEVISION AND FACSIMILE

As of January 1, 1941

The term "visual broadcast service" means a service rendered by stations broadcasting images for general public reception. There are two classes of stations recognized in the visual broadcast service, namely: Television broadcast stations and Facsimile broadcast stations.

## **Television Broadcast Stations**

The term "television broadcast station" means a station licensed for the transmission of transient visual images of moving or fixed objects for simultaneous reception and reproduction by the general public. The transmission of the synchronized sound (aural broadcast) is considered an essential phase of television broadcasting and one license will be authorized for both visual and aural broadcast as herein set forth.

A license for a television broadcast station will be issued for the purpose of carrying on research, which must include engineering experimentation tending to develop uniform transmission standards of acceptable technical quality, and which may include equipment tests, training of technical personnel, and experimental programs.

## Licensing Requirements

- A license for a television broadcast station will be issued only after a satisfactory showing has been made in regard to the following:
- 1. That the applicant has a definite program of research and experimentation in the technical phases of television broadcasting, which indicates reasonable promise of substantial contributions to the developments of the television art.
- 2. That upon the authorization of the proposed station the applicant can and will proceed immediately with its program of research.
- 3. That the transmission of signals by radio is essential to the proposed program of research and experimentation.

- 4. That the program of research and experimentation will be conducted by qualified personnel.
- 5. That the applicant is legally, financially, technically, and otherwise qualified to carry forward the program.
- 6. That the public interest, convenience or necessity will be served through the operation of the proposed station.

## Charges

No charges either direct or indirect shall be made by the licensec of a television station for the production or transmission of either aural or visual programs transmitted by such station.

#### **Announcements**

- A licensee of a television broadcast station shall make station identification announcement (call letters and location) at the beginning and ending of each time of operation and during operation (other than purely test operation) on the hour and half hour as provided below:
- 1. Such identification announcement during operation need not be made when to make such announcement would interrupt a single consecutive speech, play, religious service, symphony concert, or operatic production of longer duration than 30 minutes. In such cases the identification announcement shall be made at the first interruption of the entertainment continuity and at the conclusion of such program.
- 2. In case of variety-show program, baseball-game broadcasts, or similar program of longer duration than 30 minutes, the identification announcement shall be

made within 5 minutes of the hour and half hour.

- 3. In case of all other programs (except as provided in paragraphs (1) and (2) of this section) the identification announcement shall be made within 2 minutes of the hour and half hour.
- 4. In making the identification announcement, the call letters shall be given only on the channel of the station identified thereby.

At the same time station identification announcements are made, there shall be added the following:

"This is a special television broadcast made by authority of the Federal Communications Commission for experimental purposes."

## Operating Requirements

Each licensee of a television broadcast station shall diligently prosecute its program of research from the time its station is authorized.

Each licensee of a television station will from time to time make such changes in its operation as may be directed by the Commission for the purpose of promoting experimentation and improvement in the art of television broadcasting.

## Frequency Assignment

(a) The following groups of channels are allocated for assignment to television broadcast stations licensed experimentally:

Group .	A	Group	В
Channel	Cn	annel	
	0 <b>-56,</b> 000 keNd 0-66,000	8 162-000-1 9 180,000-1	
	0 <b>-72,00</b> 0 0 <b>-84</b> ,000	10 186,000-1 11 204,000-2	
5 84.00	0-90.000 0-102.000	12 210,000-2	16,000
7 102,000	0-108,000	13 234,000-2 14 240,000-2	46,000
Group 6		15 258,000-2 16 264,000-2	
above 300.00		17 282,000-2	
excluding t		18 288,000-2	94,000

No television broadcast station will be authorized to use more than one channel in Group A except for good cause shown. Both aural and visual carriers with side bands for modulation are authorized but no emission shall result outside the authorized channel.

No person (including all persons under common control) shall, directly or indirectly, own, operate or control more than three television stations on channels in Group A and no such person shall, directly or indirectly, own, operate or control on channels in Group A more than one television station which would serve in whole or substantial part the same service area as another station operated or controlled by such person. This paragraph shall not apply to stations which do not transmit programs for public reception.

Channels in Groups B and C may be assigned to television stations to serve auxiliary purposes such as television relay stations. No mobile or portable station will be licensed for the purpose of transmitting television programs to the public directly.

## Power

The operating power of a television station shall be adequate for but not in excess of that necessary to carry forward the program research and in no case in excess of the power specified in its license.

## Reports

A report shall be filed with each application for renewal of station license which shall include a statement of each of the following:

- 1. Number of hours operated.
- 2. Full data on research and experimentation conducted including the type of transmitting and studio equipment used and their mode of operation.
- 3. Data on expense of operation during the period covered.
- 4. Power employed, field intensity measurements and visual and aural observations and the types of instruments and receivers utilized to determine the service area of the station and the efficiency of respective types of transmissions.
- 5. Estimated degree of public participation in reception, and the results of public observation as to the efficiency of types of transmission.
  - 6. Conclusions, tentative and final.
- 7. Program for further developments in television broadcasting.
- 8. All developments and major changes in equipment.
  - 9. Any other pertinent developments.

Special or progress reports shall be submitted from time to time as the Commission shall direct.

#### **Facsimile Broadcast Stations**

The term "facsimile broadcast station" means a station licensed to transmit images of still objects for record reception by the general public.

A license for a facsimile broadcast station will be issued only after a satisfactory showing has been made in regard to the following, among others:

- 1. That the applicant has a program of research and experimentation which indicates reasonable promise of substantial contribution to the development of the facsimile broadcast service.
- 2. That sufficient facsimile recorders will be distributed to accomplish the experimental program proposed.
- 3. That the program of research and experimentation will be conducted by qualified engineers.
- 4. That the applicant is legally and financially qualified and possesses adequate technical facilities to carry forward the program.
- 5. That the public interest, convenience and/or necessity will be served through the operation of the proposed station.

## Conditions of Licensing

- (a) A licensec of a facsimile broadcast station shall not make any charge, directly or indirectly, for the transmission of programs.
- (b) No licensee of any standard broadcast station or network shall make any additional charge, directly or indirectly, for the transmission of some phase of the programs by a facsimile broadcast station, nor shall commercial accounts be solicited by any licensee of a standard broadcast station or network, or others acting in their behalf, upon representation that images concerning that commercial program will be transmitted by a facsimile station.

## Frequencies Allotted

a. The following groups of frequencies are allocated for assignment to facsimile broadcast stations which will be licensed experimentally only:

Group A	Group B	Group C
25,025  kc	43,540 kc	Any fre-
25,050	43,580	quency
25,075	43,620	a b o v e
25,100	<b>43,66</b> 0	300,000
25,125	43,700	kc exclud-
25,150	<b>43</b> , <b>74</b> 0	ing band
25,175	43,780	400,000 to
25,200	43,820	401,000
25,225	43,860	kc.
25,250	43,900	
	43,940	

b. Other broadcast or experimental fre-

- quencies may be assigned for the operation of facsimile broadcast stations on an experimental basis provided a sufficient need therefor is shown and no interference will be caused to established radio stations.
- c. One frequency only will be assigned to a facsimile station from the Groups in subsection (a) of this rule. More than one frequency may be assigned under provisions of subsection (b) of this rule if a need therefor is shown.
- d. Each applicant shall specify the maximum modulating frequencies proposed to be employed.
- e. The operating frequency of a facsimile broadcast station shall be maintained in accordance with the frequency tolerance of 0.05 per cent or less as required, provided, however, where a lesser tolerance is necessary to prevent interference, the Commission will specify the tolerance.
- f. A facsimile broadcast station authorized to operate on frequencies regularly allocated to other stations or services shall be required to abide by all rules governing the stations regularly operating thereon, which are applicable to facsimile broadcast stations and are not in conflict with other FCC rules which apply to all stations generally.

## Power Limitations

The operating power of a facsimile broadcast station shall not be in excess of that necessary to carry forward the program of research, provided, however, not more than 1000 watts will be authorized on a frequency in Group A. The operating power may be maintained at the maximum rating or less, as the conditions of operation may require.

A supplemental report shall be filed with and made a part of each application for renewal of license and shall include statements of the following:

- 1. Number of hours operated for transmission of facsimile programs.
- 2. Comprehensive report of research and experimentation conducted.
- 3. Conclusions and program for further developments of the facsimile broadcast service.
- 4. All developments and major changes in equipment.
  - 5. Any other pertinent developments.

## **Distinctive Calls For FM** As Directed By The FCC

TO PROVIDE distinctive calls for FM (frequency modulation) broadcast stations, the Federal Communications Commission has adopted a new system of call letters with interposed numbers for this now commercially

recognized broadcast service.

Under international agreement, to which the United States is a party, the first letter (in some cases the first two letters) of a call signal indicates the nationality of a station. The United States is assigned the use of three letters—N, K, and W. Hence the present domestic assignment of combinations beginning with these letters. Call letters beginning with N are reserved for the exclusive use of the Navy and Coast Guard. Call letters beginning with K are assigned to broadcast stations located west of the Mississippi River and in the territories. Call letters beginning with W are assigned to stations east of the Mississippi River. Any existing call letters not in accordance with this procedure is due to the fact that the station was licensed before the allocation plan was adopted.

Consequently, the first call letter of an FM station must be K or W,

depending on its geographical location.

## Alphabetical Order

A second letter for an FM station will be assigned in alphabetical order (with exception of E, which will be reserved for non-commercial educational stations using frequency modulation) to each station on a given frequency as licensed, thus providing 25 stations in each area for a given frequency. If more than 25 stations are assigned on a given frequency, an additional letter will be necessary.

However, between the initial letter and supplemental letter (or letters) two numbers will be utilized. These numbers will indicate the frequency assignment. This is possible because all FM stations are in the 12,500-50,000 kilocycle band, and because all FM frequencies are assigned on the odd hundreds in kilocycles. Thus, the first figure and the last two figures of the frequency assignment can be dropped.

#### City Indication

In addition, and where possible, the city or area will be indicated by the second letter or a combination of second and third letters. Letter combinations of this mnemonic character have been assigned to each of the metropolitan trading centers. Thus, stations in Boston will terminate with the letter B, while stations in New York City will terminate with NY. Similarly, stations in the District of Columbia wll be identified with the suffix DC.

In brief, here is how the system works: W41B would indicate an FM station in the castern section of the country (Bos-

ton) operating on the frequency of 44,100 kilocycles. By the same token, K43SF would apply to an FM station in the western part of the United States (San Francisco) on the 44,300 kilocycle fre-

The letter E in the alphabetical arrangement will identify non-commercial educational broadcast stations employing FM on the new high frequency broadcast band. Five channels (42,000 to 43,000 kilocycles) are available to these educa-

tional stations.

There is no international regulation to bar the use of this FM identifying system. In fact, a like principle is followed by Chile in assigning calls to standard broadcast stations in that country. The arrangement provides ample source of calls for future FM stations. It is about the only source of new call combinations which can be adapted, inasmuch as other types of calls are assigned by treaty to stations and services other than broadcast. It has the additional advantage of permitting identification of the frequency actually used, and for that reason should be popular with listeners as well as broadcasters.

Further, it will not disturb the approximately 15,000 remaining four-letter call combinations which are being assigned to the older services at the rate of between 10 and 50 a week. Even if this average does not increase, such a reservoir will not last more than six years. Under treaty, ship stations have priority in the assignments of radio call letters from the

four-letter group.

# HIGH FREQUENCY— FREQUENCY MODULATION BROADCAST STATIONS

The term "high frequency broadcast station" means a station licensed primarily for the transmission of radiotelephone emissions, intended to be received by the general public and operated on a channel in the high frequency broadcast band. Commercial high frequency broadcast stations must use frequency modulation.

LOCATION	Call Letters	Licensec	Frequency Kilocycles	
Baton Rouge, La	. W45RG	Baton Rouge Broadcasting Co	44500	8100
Binghamton, N. Y	. W49BN	Howitt-Wood Radio Co	44900	6500
Boston, Mass,	W39B	The Yankee Network, Inc	43900	31000
Brooklyn, N. Y	W59NY	Frequency Broadcasting Corp	45900	8500
Chicago, Ill	W67C	Columbia Broadcasting System, In	ic. 46700	10800
Chicago, Ill	W63C	National Broadcasting Co	46300	10800
Chicago, Ill	W59C	WGN, Inc	45900	10800
Chicago, Ill	W47C	WJJD, Inc	44700	10800
Chicago, Ill	W51C	Zenith Radio Corp	45100	10760
Columbus, Ohio	. W45CM	WBNS, Inc.	. 44500	12400
Detroit, Mich.	W45D	The Evening News Association	44500	6820
Evansville, Ind	W45V	Evansville On the Air, Inc	44500	8397
Hartford, Conn.	. , <b>W</b> 53 <b>H</b>	Travelers Broadcasting Service Con	p. 45300	6100
Hartford, Conn	W65H	WDRC, Inc	46500	6100
Los Angeles, Calif	.K45LA	Don Lee Broadcasting System	44500	6944
Nashville, Tenn	W47NV	National Life & Accident		
		Insurance Co	44700	16000
Milwaukee, Wisc	W55M	The Journal Co	44500	8540
New York, N. Y	W71NY	Bamberger Broadcasting Service,		
		Inc	47100	8500
New York, N. Y		Columbia Broadcasting System, In		8500
New York, N. Y	. , W55NY	William G. H. Finch		8500
New York, N. Y		Marcus Loew Booking Agency		8500
New York, N. Y		Metropolitan Television, Inc		<b>850</b> 0
New York, N. Y	W51NY	National Broadcasting Co		8500
Philadelphia, Pa	W69PH	WCAU Broadcasting Co		9300
Philadelphia, Pa	W53PH	WFIL Broadcasting Co	45300	9300
Pittsburgh, Pa	W47P	Walker & Downing Radio Corp	44700	8400
Pittsburgh, Pa	. W75P	Westinghouse Radio Stations, Inc.	47500	8400
Schenectady, N. Y		Capitol Broadcasting Co		6589
Schenectady, N. Y	<b>W</b> 57 <b>A</b>	General Electric Co		6600
Salt Lake City, Utah		Radio Service Corp. of Utah		623
South Bend, Ind	W71SB	South Bend Tribune	47100	4300

## Pending Applications

-			Service
LOCATION	Licensee	Frequency, Kilocycles	Area
Albany, N. Y	WOKO, Inc	45100	7164
Amarille, Texas	Amarillo Broadcasting Co	45100	6503.89
	Ashland Broadcasting Co		5119.5
Baltimore, Md	The A. S. Abell Co	44300	15489
Battle Creek, Mich			4100
	Columbia Broadcasting System, I		16230
Boston, Mass	Westinghouse Radio Stations, Inc.	46500	6652
Boston, Mass	The Yankee Network, Inc	44300	19230
Cedar Rapids, Ia	The Gazette Company	44700	7400
Chicago, Ill	The Moody Bible Institute		
	of Chicago	43900	15300
Cicero. III			2885
Detroit. Mich.	John Lord Booth	44100	4400
Detroit, Mich.	James F. Hopkins, Inc	46500	2130
Detroit. Mich	WJR, The Goodwill Station	43700	14144
Duluth, Minn	Head of Lakes Broadcasting Co	44500	2754
Ft. Lauderdale, F'a.	Tom M. Bryan	44500	2150
Ft, Wayne, Ind.	Westinghouse Radio Stations, Inc.	44900	6150
Grand Rapids, Mith.	Federated Publications, Inc	46100	5300
Kansas City, Mo	Commercial Radio Equipment Co	44900	2995
Lansing, Mich.	Federated Publications, Inc	47100	3820
Lexington, Ky.			7290
Los Angeles, Calif	-		1371
Los Angeles, Calif	- · · · · · · · · · · · · · · · · · · ·		1344
Los Angeles, Calif	_	45100	1427.97
New York, N. Y.	•	47100	8500
New York, N. Y.		48300	8600
New York, N. Y.	_		8500
New York, N. Y.			8500
Philadelphia, Pa			9585
Philadelphia, Pa			9600
Philadelphia, Pa	-		11492
Pittsburgh. Pa.	_		11488
Portland, Ore.			8175
Providence, R. L.			6207
Providence, R. I.	**		16370
Rochester, N. Y	Stromberg-Carlson Telephone		
Rockford, Ill.	Mfg. Co.	45100	2240
St. Louis, Mo			6000 6564
St. Louis, Mo	St. Louis University	44300	13500
St. Louis, Mo	Star-Times Publishing Co	44700	12480
Springfield, Mas	Westinghouse Radio Stations, Inc	48100	2022
San Francisco, Calif	South Rend Tribune	43500 47100	3080 4330
	Central New York Broadcasting	, 11100	7330
·	Corp		6800
Trenton, N. J.			3700
Winston-Salem, N. C	Gordon Gray	44100	69400
Winston-Salem, N. C			4600 19230
Youngstown, Ohio	William F. Maag, Jr	43500	12304
<del>-</del>	<del>-</del> -		

# F. M. HEADLINES Of 1940—From Radio Daily

#### JANUARY

Jan. 8—FM Interests Organize; Will Coordinate Setup For FCC And Make Future Studies.

Jan. 12—New Armstrong System To Be Shown In Capital.

FM Group To Ask FCC To Delay Television Decision.

Jan. 16—Stewart Warner Readying FM Receivers.

Jan. 25—Western Eelectric To Build New FM Transmitters.

Jan. 26—Quick Universal Use Of FM Seen By Zenith's McDonald. Armstrong Licenses Pilot Radio Corp.

Jan. 29-FM Sets On Sale At Macy's.

#### FEBRUARY

Feb. 2—Stromberg Carlson Drive To Sell FM Receivers. More Stations Expected To Start FM Tests Soon.

Feb. 16—FM Gathers Momentum; 12 Experimental Transmitters In Use With 5 Manufacturers Making Receivers; Investment Now \$1,500,000.

Feb. 20—Seek "Junior" Union Talent For Experimental Television And FM.

Feb. 23—Big FM Watter Sought By Brooklyn
Concern.

General Electric To Push FM Sets: Sees Expanding Market.

Feb. 29—Four-Way FM Hookup Does Its Stuff Tonight.

#### MARCH

Mar. 4--FM Hookup Schedule To Start This Summer.

Two Web Schedules Available For Owners Of FM Sets.

Mar. 6—FM Group's Strong Front; Will Battle For Commercial Status At March 18th Hearing Before FCC; Big Delegation Readied. All WHN Programs Set For Finch FM Station.

Mar. 8—Marshall FM Witnesses; Some 29 Individuals And Organizations Signify Intention Of Appearance At FCC Hearing On March 18.

Experimental FM Rolay Started Today By WOR.

Four New York Stations Testing FM Operation.

Mar. 11—FCC Allots Six Hours To Hear FM Broadcasters Story.

Mar. 13—Big Chicago Delegation To Attend FM Hearing.

Mar. 14—Set Makers Prepared For Larger FM Sales.

Mar. 15—FCC Allotting More Time To FM Hearing Schedule.

Mar. 18—FCC Opens FM Hearing; Strong Attendance On Tap Including Networks, Stations, Manufacturers, Et AI; To Last Through Thursday.

Mar. 19—Armstrong Fires First FM Gun; Inventor Presents Case As Opening Witness In FCC Hearing; Sees Television Use For Higher Frequency.

Mar. 20—Explain FM Advantages: Major Armstrong Again Heads Witnesses Informing FCC Of Various Angles; Universal Adoption Far Off.

Mar. 21-Shepard Makes Plea For FM Green Light.

Mar. 22-Allocation Crops Up; FM Hearings Ad-

Mar. 25—RCA-NBC Covers On FM; Application In For Five Such Stations In Key Cities Across The Country; Also Files Television CPs.

Mar. 28—RCA Gives Stand On FM; No 100 Percent Adoption Possible, It Believes, But Urges Approval; Cites Own Experiments.

#### APRIL

Apr. 3—WDRC Makes Application For 50,000-Watt FM Construction Permit. Stromberg-Carlson Optimistic On Television-FM Activity.

Apr. 5—Newspapers And Stores Rush To Get FM Licenses. Scott Labs Readying FM Receivers.

Apr. 10—FM Radio Men Meet To Discuss Policies.

Apr. 12—FCC Extends Time Limit For Filing Briefs On FM. FM Tries Mobile Transmitter.

Apr. 24—RMA Opens Studies Anent FM Standards.

Apr. 26—FM "Limited" Tube Developed.

Apr. 29—Philco Financing To Cover Television
And FM.

#### MAY

May 1—CBS Asks FCC Permit To Build FM Stations.

May 2—Sees 116 FM Applications Filed With FCC.

May 10—FM Manufacturers See Boom After FCC Action.

Facsimile-FM Showing By Finch Laboratories.

May 17—Western Eelectric Introduces First FM

Transmitter.

May 20—FM Gets Commercial Okay; Goes Into Effect Forthwith As FCC Sees Full Industry Accord: Other Activity By Commission. May 21-Tremendous FM Activity; Progress On All Fronts As Stations And Manufacturers. Et Al, Rush To Benefit By Commercial Status.

May 23—FM Potential Sales Up For RMA Studies.

May 24-FM Broadcasters, Inc. Call Confab To Discuss FM Moves.

May 27-FM Gathers Momentum; Wide Activity Among Receiver Manufacturers While FCC Paves Way For Filing New Station Permits.

May 28-All Possible Speed Is Keynote Of FM Broadcasters, Inc., Meeting.

May 31-NAB To Consider Expansion of Membership. Such As FM.

#### JUNE

June 7-Yankee Network Uses FM To Transmit Pictures

Westinghouse Stations Readied for FM On January 1.

June 13-Farnsworth's Spot Advertising Campaign In Behalf Of FM.

June 24—WOR's FM Transmitter Takes Skyscraper Site.

June 25-FM Gets Green Light As FCC Sets Up Rules.

June 26-General Electric Readics FM Line.

June 27-Worcester's FM Station On Full Time Schedule.

June 28-Institute Of Radio Engineers' Members See FM At Boston Gathering.

#### JULY

July 8-General Electric Sells Four FM Transmitters To Civil Aeronautics Authority.

July 11-FCC Readies New Forms For FM Applicants.

July 12-RCA's FM Transmitter To Be Offered On August 1.

July 22—FCC Simplifies Plan For FM Applications.

July 25-New FM Outlet Debuts In New York On August 1.

July 26-WGN Makes Application For 50 Kw. FM Station.

#### AUGUST

Aug. 2-WOR's FM Transmitter Makes Formal Debut.

Freed-Eisemann In FM Field. Aug. 5-Miller Request FCC To Simplify FM

Form. Aug. 7—NIB Discusses BM1-AFM-FM; Sets Chi-

cago And New York Meetings.

Aug. 8-FM Gets Complete Once-Over At NAB Convention.

Aug. 9-Western Electric Sees FM Creating New Replacement Sales. U. S. Army Tests FM.

Aug. 16-First FM Educational Use Planned By San Francisco Schools.

Aug. 21—Huge FM Audience Seen; Station Operators Plan Coverage of 15,000 Square Miles; Fifty New Stations Expected by January 1.

Aug. 28-Special FM Meeting Explores Web Plans.

Aug. 29-FM Station Costs \$20,000.

#### SEPTEMBER

Sept. 3-FM Reports Headway As NBC Sets Activity.

WDRC Begins Exclusive FM Program Service. Sept. 6-FM Network To Start In 1941 With

42 Outlets. Sept. 13-WIP To Woo Advertisers To FM With Special Show.

Educators Hop On FM Bandwagon.

Sept. 18—Two Daily FM Programs Via General

Electric And WOR At New York World's Fair.

Sept. 26—See FM Development Air By News-

Sept. 30-FM Inventor Wins Additional Patent. General Electric And Other Utilities Buy FM Units.

### **OCTOBER**

Oct. 2-Chicago FM Outlet For NBC.

Oct. 3-FCC Further Defines Rules For FM Area. Oct. 4-W. R. G. Baker Sees Gradual Advances

For FM.

Oct. 7-FM Programs In New York Area Heard 60 Hours Weekly.

Oct. 11--Cleveland Schools To FM.

Oct. 24-A. T. & T. Says It Can Handle Wire Transmissions Of FM.

Oct. 29-Will Rush FM Says Fly; FCC Meeting Called For Next Friday To Expedite Station Applications: Television Committee Reports Soon.

## NOVEMBER

Nov. 1—FM Goes Commercial; FCC Working Fast Gives 15 Outlets Okay To Sell Time Immediately They Find It Feasible. FM Applicants Reduce Station Coverage

Claims. Nov. 4-Mull FM Call Letters; Coverage Area

Issued. Nov. 7—Nashville Goes For FM As City

Emergency Setup. Nov. 8-FCC Explains Unusual FM Coverage Problems.

DeMars Sees FM Web As No. 1 Network. Nov. 14-FM And Color Television Talk Closes Institute Of Radio Engineers' Meeting.

Nov. 15-General Eelectric Readies FM Schedule; First Program November 20.

Nov. 19-CBS Files Request For Chicago FM Station.

Nov. 22—FCC Grants 2 FM Commercial Licenses. George Henry Payne Lauds FM At General Electric Company's Inauguration.

Nov. 29-FM Product Okay Despite War Orders. *DECEMBER* 

Dec. 2-General Electric Makes Arrangements To Handle Opera Via FM.

Dec. 10-First FM Commercial; WOR Sells Longine Co.

Dec. 11-Big Television-FM Agenda For Engineer Confab.

Dec. 17—Commission Releases New FM Applications; Sets Simplified Procedure.

Dec. 18-Yankee Network's FM Station On Air Soon.

Dec. 20-FCC Extending Time For FM Adjust-

Dec. 27-Two New York Firms File Far FM Permits.

Yankee Network's FM Station Set For Maine And New Hampshire.

## —F. C. C. Regulations Regarding— High Frequency Broadcast Stations

■ As of January 1, 1941 ■

The term "high frequency broadcast station" means a station licensed primarily for the transmission of radiotelephone emissions intended to be received by the general public and operated on a channel in the High Frequency broadcast band. High frequency broadcast stations must use frequency modulation.

#### **Definitions**

High Frequency Broadcast Band. The term "high frequency broadcast band" means the band of frequencies extending from 43,000 to 50,000 kilocycles, both inclusive.

Frequency Modulation. The term "frequency modulation" means a system of modulation of a radio signal in which the frequency of the carrier wave is varied in accordance with the signal to be transmitted while the amplitude of the carrier remains constant.

Center Frequency. The term "center frequency" means the frequency of the carrier wave with no modulation. (With modulation the instantaneous operating frequency swings above and below the center frequency. The operating frequency with no modulation shall be the center frequency within the frequency tolerance).

High Frequency Broadcast Channel. The term "high frequency broadcast channel" means a band of frequencies 200 kilocycles wide and is designated by its center frequency. Channels for high frequency broadcast stations begin at 43,100 kilocycles and continue in successive steps of 200 kilocycles to and including the frequency of 49,900 kilocycles.

Service Area. The term "service area" of a high frequency broaderst station means the area in which the signal is not subject to objectionable interference or objectionable fading. (High frequency broadcast stations are considered to have only one service area; for determination of such area see Standards of Good Engineering Practice for High Frequency Broadcast Stations.)

Antenna Field Gain. The term "antenna field gain" of a high frequency broadcast antenna means the ratio of the effective free space field intensity produced at one mile in the horizontal plane expressed in millivolts per meter for 1 kilowatt antenna input power to 137.6.

Free Space Field Intensity. The term "free space field intensity" means the

field intensity that would exist at a point in the absence of waves reflected from the earth or from reflecting objects.

Frequency Swing. The term "frequency swing" is used only with respect to frequency modulation and means the instantaneous departure of the carrier frequency from the center frequency resulting from medulation.

Multiplex Transmission. The term "multiplex transmission" means the simultaneous transmission of two or more signals by means of a common carrier wave. (Multiplex transmission as applied to high frequency broadcast stations means the transmission of facsimile or other aural signals in addition to the regular broadcast signals.)

Percentage Modulation. The term "percentage modulation" with respect to frequency modulation means the ratio of the actual frequency swing to the frequency swing required for 100 per cent modulation expressed in percentage. (For high frequency broadcast stations, a frequency swing of 75 kilocycles is standard for 100 per cent modulation.)

standard for 100 per cent modulation.)

Experimental Period. The term "experimental period" means that period of time between 12 midnight and sunrise. This period may be used for experimental purposes in testing and maintaining apparatus by the licensee of any high frequency broadcast station, on its assigned frequency and with its authorized power, provided no interference is caused to other stations maintaining a regular operating schedule within such period.

#### Allocation of Facilities1

Bosis of Licensing High Frequency Broadcast Stations. High frequency broadcast stations shall be licensed to serve a specified area in square miles. The contour bounding the service area and the radii of the contour shall be

The rules relating to allocation of facilities are intended primarily for the information of applicants. Nothing contained in said rules shall be regarded as any recognition of any legal right on behalf of any person to a grant or denial of any application.

determined in accordance with the Standards of Good Engineering Practice for High Frequency Broadcast Stations.

#### Service Areas (Definitions)

For the purpose of determining the areas to be served by high frequency broadcast stations, the following defini-

tions apply:

(a) "Basic trade areas" and "limited trade areas" consist of areas the boundaries of which are determined by the Commission on the basis of showings made in applications as to retail trading areas or consumer trading areas and for government data". Each basic trade area includes one "principal city." The boundaries of the basic trade areas are adjoining and the aggregate of all such areas is the total area of the United States. Each "limited trade area" includes one city. The boundaries of limited trade areas are not necessarily adjoining. Such areas may include portions of other limited trade areas and may extend into more than one basic trade

(b) "Principal city" means the largest city or the city or cities designated as "principal city" by the Commission, within a basic trade area. "City" means any city, town, or borough in a basic trade area except the principal city. Each "city" has a limited trade area.

(c) "Rural area" means all land area outside incorporated towns or cities with population greater than 2500 and where the density of population is less than 150 per square mile. Incorporated towns or cities with population from 2500 to 5000 without a high frequency broadcast station and not adjacent to larger cities may be considered rural area.

#### Service Areas—Established

The Commission in considering applications for high frequency broadcast stations will establish service areas. Such stations will be licensed to serve areas having the following characteristics:

(a) An area comprising a limited trade area and a city. The station shall render good service to the city and its service area shall conform generally with the limited trade area.

(b) An area comprising a basic trade area and a principal city. The station shall render good service to the principal city and its service area shall conform generally with the basic trade area.

(c) An area of at least 15,000 square

miles comprising primarily a large rural area, and particularly that part of basic trade areas which cannot be served by stations assigned basic trade areas due to economical and technical limitations. The service area may include one or more principal city or cities, provided that in rendering service to such cities, the service to rural areas which the station is designated to serve is not impaired. The transmitter of such a station shall be located in such a manner that the service area, (1) shall extend into two or more basic trade areas, (2) shall not conform generally with a basic trade area, and (3) shall not merely extend beyond a basic trade area.

(d) An area having substantially different characteristics (social, cultural, or economic) from those areas specified in subsections (a), (b) and (c) of this section where, by reason of special conditions, it is shown that a need (which cannot be supplied by a station serving areas under subsections (a), (b) or (c) of this section) for the proposed service both program and technical exists which makes the establishment of the service area in the public interest, convenience or necessity. The Commission will give particular consideration in this connection to competitive advantages which such stations would have over other stations established under other provisions.

(e) In case it is not economically and technically feasible for a station assigned a basic or limited trade area to serve substantially all such area. the Commission will establish the service area on the basis of conditions which obtain in the trade area.

(f) In case an applicant proposes a change in an established service area, the applicant shall make a full showing as to need for such change and the effect on other stations serving the area.

Time of Operation. All high frequency broadcast stations shall be licensed for unlimited time operation.

Showing Required. Authorization for a new high frequency broadcast station or increase in facilities of an existing station will be issued only after a satisfactory showing has been made in regard to the following matters:

(a) That the area which the applicant proposes to serve has the characteristics of an area described in subparagraphs (a), (b), or (c) of the section on Service Areas stated above. The application shall be accompanied by a full analysis of the basis upon which the area as set forth in the application was determined. No application for construction permit for a new station or change of service area will be accepted unless a definite

<sup>&</sup>lt;sup>2</sup>There are several current and recognized authorities on retail trading areas or consumer trading areas from which the applicant may preparits showing and to which the Commission will give consideration in making its determination

site, full details of the proposed antenna, and a suitable map showing the expected service area are furnished with

the application.

(b) Where a service area has been established in which one or more existing high frequency broadcast stations are in operation, that the contours of any new station proposed to serve such area will compare with those of the existing station or stations as nearly as possible, or that the service area already established should be modified.

(c) That objectionable interference will not be caused to existing stations or that if interference will be caused the need for the proposed service outweigh the need for the service which will be lost by reason of such interfer-

ence.

(d) That the proposed station will not suffer interference to such an extent that its service would be reduced to an un-

satisfactory degree.

(c) That the technical equipment proposed, the location of the transmitter, and other technical phases of operation comply with the regulations governing the same, and the requirements of good engineering practice.

(f) That the applicant is financially qualified to construct and operate the proposed station; and, if the proposed station is to serve substantially the same area as an existing station, that applicant will be able to compete effectively with the existing station or stations.

- (g) That the program service will include a portion of programs particularly adapated to a service utilizing the full fidelity capability of the system, as set forth in the Standards of Good Engineering Practice for High Frequency Broadcast Stations.
- (h) That the proposed assignment will tend to effect a fair, efficient, and equitable distribution of radio service among the several states and communities.

(i) That the applicant is legally qualified, is of good character, and possesses other qualifications sufficient to provide

a satisfactory public service.

- (j) That the facilities sought are subject to assignment as requested under existing international agreements and the Rules and Regulations of the Commission.
- (k) That the public interest, convenience, and necessity will be served through the operation under the proposed assignment.

## Channel Assignments

The channels set forth below with the indicated center frequencies are available for assignment to high frequency broad-

cast stations to serve the areas provided in the section on Service Areas Established stated above:

(a) An applicant for a station to serve an area specified in paragraphs (a) or (b) of that section to be located in a principal city or city which has a population less than 25,000 (city only) shall apply for one of the following channels: 48900 49300 49500 49700 49900

(b) An applicant for a station to serve an area specified in paragraph (a) or (b) of that section to be located in a principal city or city which has a population greater than 25,000 (city only) shall apply for one of the following channels:

44500	45700	47900	46700
44700	45900	48100	46900
44900	46100	48300	47100
45100	46300	48500	47300
45300	46500	48700	47500
15500			47700

(c) An applicant for a station to serve primarily a large rural area, specified in paragraph (d) of that section shall apply for one of the following channels:

43100 43500 43900 44300

43100 43500 43900 43300 43700 44100

## Special Provisions Concerning Assignments

- (a) Stations located in the same city shall have substantially the same service area.
- (b) High frequency broadcast stations shall use frequency modulation exclusively.
- (c) Stations serving a substantial part of the same area shall not be assigned adjacent channels.
- (d) One channel only will be assigned to a station.

## Multiple Transmission

Facsimile Broadcasting and Multiplex Transmission. The Commission may grant authority to a high frequency broadcast station for the multiplex transmission of facsimile and aural broadcast programs provided the facsimile transmission is incidental to the aural broadcast and does not either reduce the quality of or the frequency swing required for the transmission of the aural program. The frequency swing for the modulation of the aural program should be maintained at 75 kc and the facsimile signal added thereto. No transmission outside the authorized band of 200 kg shall result from such multiplex operation nor shall interference be caused to other stations operating on adjacent channels. The transmission of multiplex signals may also be authorized on an

experimental basis in accordance with standard broadcast station rule on special experimental authorizations.

Proof of Performance Required. Within one year of the date of first regular operation of a high frequency broadcast station, continuous field intensity records along several radials shall be submitted to the Commission which will establish the actual field contours, and from which operating constants required to deliver service to the area specified in the license are determined. The Commission may grant extensions of time upon showing of reasonable need therefor.

Multiple Ownership. (a) No person (including all persons under common control') shall, directly or indirectly, own, operate, or control more than one high frequency broadcast station that would serve substantially the same service area as another high frequency broadcast station owned, operated, or

controlled by such person.

(b) No person (including all persons under common control) shall, directly or indirectly, own, operate, or control more than one high frequency broadcast station, except upon a showing (1) that such ownership, operation, or control would foster competition among high frequency broadcast stations or provide a high frequency broadcasting service distinct and separate from existing services; and (2) that such ownership, operation, or control would not result in the concentration of control of high frequency broadcasting facilities in a manner inconsistent with public interest. convenience, or necessity; provided, however, that the Commission will consider the ownership, operation, or control of more than six high frequency broadcast stations to constitute the concentral of control of high frequency broadcasting facilities in a manner inconsistent with public interest, convenience, or necessity.

Normal License Period. All high frequency broadcast station licenses will be issued so as to expire at the hour of 3 a.m., Eastern Standard Time, and will be issued for a normal license period of one year, expiring as follows:

(a) For stations operating on the frequencies 48900, 49100, 49300, 49500,

49700, and 49900. April 1.

(b) For stations operating on the frequencies 44500, 44700, 44900, 45100, 45300, 45500, 45700, 45900, 46100, 46300, and 46500, May 1.

(c) For stations operating on the frequencies 46700, 46900, 47100, 47300.

47500, 47700, 47900, 48100, 48300, 48500, and 48700, June 1.

(d) For stations operating on the frequencies 43100, 43300, 43500, 43700, 43900, 44100, and 44300, July 1.

## Equipment

Maximum Power Rating. The Commission will not authorize the installation of a transmitter having a maximum rated power more than twice the operating power of the station.

Maximum Rated Carrier Power; How Determined. (a) The maximum rated carrier power of a standard transmitter shall be determined by the manufac-

turer's rating of the equipment.

(b) The maximum rated carried power of a composite transmitter shall be determined by the sum of the applicable commercial ratings of the vacuum tubes employed in the last radio stage.

Frequency Monitor. The licensee of each high frequency broadcast station shall have in operation at the transmitter a frequency monitor independent of the frequency control of the transmitter. It shall have a stability of 20 parts per million.

Modulation Monitor. The licensee of each high frequency broadcast station shall have in operation at the transmitter an approved modulation monitor.

Required Transmitter Performance. (a) The external performance of high frequency broadcast transmitters shall be within the minimum requirement prescribed by the Commission contained in the Standards of Good Engineering Practice for High Frequency Broadcast Stations.

(b) The transmitter center frequency shall be controlled directly by automatic means which do not depend on inductances and capacities for inherent sta-

bility.

(c) The transmitter shall be wired and shielded in accordance with good engineering practice and shall be provided with safety features in accordance with the specifications of article 810 of the current National Electrical Code as approved by the American Standards Association.

Indicating Instruments. The direct plate circuit current and voltage shall be measured by instruments having an

acceptable accuracy.

Changes in Equipment and Antenna System. Licensees of high frequency broadcast stations shall observe the following provisions with regard to change in equipment and antenna system:

(a) No changes in equipment shall be

made:

1. That would result in the emission of signals outside of the authorized channel.

The word "control" as used berein is not limited in majorn, stock ownership out includes actual working control in whatever manner exercised.

2. That would result in the external performance of the transmitter being in disagreement with that prescribed in the Standards of Good Engineering Practice for High Frequency Broadcast Stations.

(b) Specific authority, upon filing formal application therefor, is required for a change in service area or for any of the

following changes:

1. Changes involving an increase in the maximum power rating of the transmitter.

2. A replacement of the transmitter

as a whole.

3. Change in the location of the trans-

mitter antenna.

- 4. Change in antenna system, including transmission line, which would result in a measurable change in service or which would affect the determination of the operating power by direct method. If any change is made in the antenna system or any change made which may affect the antenna system, the method of determining operating power shall be changed immediately to the indirect method.
- 5. Change in location of main studio to outside of the borders of the city, state, district, territory, or possession.

6. Change in the power delivered to

the antenna.

- (c) Specific authority, upon filing informal request therefor, is required for the following change in equipment and antenna:
- 1. Change in the indicating instruments installed to measure the antenna current or transmission line, direct place circuit voltage and the direct current of the last radio stage, except by instruments of the same type, maximum scale reading and accuracy.

2. Minor changes in the antenna system and or transmission line which would not result in an increase of ser-

vice area.

3. Changes in the location of the main studio except as provided for in subsec-

tion (b) 5.

(d) Other changes, except as above provided for in this section or in Standards of Good Engineering Practice for High Frequency Broadcast Stations prescribed by the Commission may be made at any time without the authority of the Commission, provided that the Commission shall be promptly notified thereof, and such changes shall be shown in the next application for renewal of license.

Operating Power; How Determined. The operating power, and the requirements for maintenance thereof, of each high frequency broadcast station shall be de-

termined by the Standards of Good Engineering Practice for High Frequency Broadcast Stations.

Modulation. (a) The percentage of modulation of all stations shall be maintained as high as possible consistent with good quality transmission and good broadcast practice and in no case less than 85 per cent on peaks of frequent recurrence during any selection which normally is transmitted at the highest level of the program under consideration.

Frequency Tolerance. The operating frequency without modulation of each broadcast station shall be maintained within 2000 cycles of the assigned center frequency.

## Operation

Minimum Operating Schedule; Service. (a) Except Sundays, the licensee of each high frequency broadcast station shall maintain a regular daily operating schedule which shall consist of at least three hours of operation during the period 6 a.m. to 6 p.m., local standard time, and three hours of operation during the period 6 p.m. to midnight, local standard time. In an emergency, however, when due to causes beyond the control of the licensee, it becomes impossible to continue operating, the station may cease operation for a period not to exceed ten days. provided that the Commission and the Inspector in Charge of the radio district in which the station is located shall be notified in writing immediately after the emergency develops. (b) Such stations shall devote a mini-

mum of one hour each day during the period 6 a.m. to 6 p.m., and one hour each day during the period 6 p.m. to midnight, the programs not duplicated simultaneously as primary service in the same area by an standard broadcast station or by any high frequency broadcast station. During said one hour periods, a service utilizing the full fidelity capability of the system, as set forth in the Standards of Good Engineering Practice for High Frequency Broadcast Stations, shall be rendered. However, the Commission may, upon request accompanied by a showing of reasons therefor, grant exemption from the foregoing requirements, in whole or in part, for periods

(c) In addition to the foregoing minimum requirements, the Commission will consider, in determining whether public interest, convenience, and necessity has been or will be served by the operation of the station, the extent to which the station has made or will make use of the facility to develop a distinct and separate service from that otherwise available in

not in excess of three months.

the service area.

<sup>&</sup>lt;sup>2</sup> See Standards of Good Engineering Practice for High Frequency Brondcast Stations for specific application form required.

# EXPERIMENTAL FACSIMILE BROADCAST STATIONS

Call Letters	Frequency Kilocycles	Power	Emission
	- Tittoegetes		
. W2XUP	25250	100	A3 & A4
.waxwt	25250	500	A3 & A4
. W8XUJ	25025	1000	A3 & A4
(17.45 <del>0.77.7</del>	0.5050	1000	
.W4XIH	25250	1000	A4
. W9XZY	25100	100	A4
.W7XSW	25150	100	A4(C.P. only)
. W8XUM	25200	100	A4
. W2XWE	25050	500	A3 & A4
	Letters .W2XUP .W9XWT .W8XUJ .W4XIH .W9XZY .W7XSW	Letters       Kilocycles         .W2XUP       25250         .W9XWT       25250         .W8XUJ       25025         .W4XIH       25250         .W9XZY       25100         .W7XSW       25150         .W8XUM       25200	Letters       Kilocycles       Watts         .W2XUP       25250       100         .W9XWT       25250       500         .W8XUJ       25025       1000         .W4XIH       25250       1000         .W9XZY       25100       100         .W7XSW       25150       100         .W8XUM       25200       100

## BROADCAST STATIONS LICENSED FOR EXPERIMENTAL TRANSMISSION OF FACSIMILE SIGNALS

Call Letters	Licensee and Location	Frequency Kilocycles	Power Authorized Watts
WGN .	. WGN, Inc	720	50000
WHK .	United Broadcasting Co	1390	1000
wlw .	Crosley Corp	700	50000
WOR .	Bamberger Broadcasting Service, Inc Newark, N. J.	710	50000



# ORGANIZATIONS



NATIONAL ASSOCIATION OF BROADCASTERS

RADIO GROUPS
PERSONNEL
ADDRESSES
UNIONS
GUILDS
CLUBS
ASSOCIATIONS

## ATIONA ASSOCIATION OF BROADCASTERS



## Headquarters: 1626 K. St., N.W., Washington, D. C.

## HEADQUARTERS STAFF

Neville Miller President

C. E. Arney, Jr. Assistant to the President and Acting Secretary-Treasurer

> Russell P. Place Counsel

Edward M. Kirby Director of Public Relations Joseph L. Miller

Director of Labor Relations Paul F. Peter
Director of Research
Lynne C. Smeby
Director of Engineering

Arthur Stringer Promotion

J. Robert Meyers Research Assistant

Everett E. Revercomb Auditor

## New York Office: 30 Rockefeller Plaza, Room 1812 Phone, Circle 5-5965

#### STAFF

A. K. Mills Executive-in-Charge

> Jo Millward Publicity Staff

Richard Tryon Publicity Staff Research Staff Barbara Hunt

John Murphy Barbara Brandt Press Secretary to the President

> Robinson MacLean Publicity Staff

#### District No. \*1.

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Radio Station WEEU Reading, Pa.

4. John A. Kennedy, President Radio Station WBLK Clarksburg, W. Va.

5. W. Walter Tison, Director. Radio Station WFLA

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Delaware, New Jersey, Pennsylvania

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Kentucky, Ohio

..... Illinois, Wisconsin

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*11.	Omaha, Nebr. Earl H. Gammons, General Manager. Radio Station WCCO		Minnesota, North Dakota, South Dakota
12.	Minneapolis, Minn. Herbert Hollister, President Radio Station KANS		Kansas, Oklahoma
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14.	Amarillo, Texas Eugene P. O'Fallon, President Radio Station KFEL		Colorado, Idaho, Wyoming, Utah, Montana
*15.	Denver, Colo. Howard Lane, General Manager Radio Station KFBK Sacramento, Calif.	 1.1	Nevada, Hawaii, California (excluding the counties of San Luis Obispo, Kern,
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16.	Harrison Holliway, General Manager Radio Stations KFI-KECA Los Angeles, Calif.		Arizona, California (counties of San Luis Obispo, Kern, San Bernardino,
			Santa Barbara, Ventura, Los Angeles, Orange Riv- erside, San Diego and Im- perial, only), New Mexico.

\* Term expires in 1941.

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\*17. C. W. Myers, President

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John Elmer, President Radio Station WCBM

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Columbia Broadcasting System New York, N. Y.

Edward Klauber, Executive Vice-Pres.

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District 6

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# Departments and Activities of

## National Ass'n. of Broadcasters

The National Association of Broadcasters is the trade organization of the radio broadcasting industry. Its headquarters staff is headed by President Neville Miller, and C. E. Arney, Jr., Assistant to the President and acting Secretary-Treasurer, both of whom are responsible to the Board of Directors. In addition there are seven departments each in charge of a Director who reports to the president. These are as follows:

Edward M. Kirby	Director of Public Relations
Joseph L. Miller	Director of Labor Relations
Paul F. Peter	Director of Research
Russell P. Place	
Lynne C. Smeby	
Arthur Stringer. Supervisor of	Circulation and Promotion Dept.

For purposes of equitable representation on the Board of Directors, the United States and its territories and possessions has been divided into seventeen districts. Each District elects one Director to the Board for a two-year term; each class of station (class of station is based upon power and frequency and is referred to as small, medium and large) elects two Directors and each of the three major networks appoints one Director. These two latter classes of Directors serve for only one year.

The objects of this Association are to foster and promote the development of the art of radio broadcasting; to protect its members in every lawful and proper manner from injustices and unjust exactions; to foster, encourage and promote laws, rules, regulations, customs and practices which will be for the best interest of the public and the radio industry.

The NAB is the united front of the industry. It not only attempts to solve the problems of the broadcasters, but also strives to educate the listener to the American System of Privately-owned and Competitively-operated Radio.

There has been an appreciable increase in the membership of the Association. From a total of 428 at the beginning of 1940, the year closed with the figure pushing the 500 mark. This is a result of a membership campaign in which the seventeen District Directors and fifty-two area chairmen actively participated.

However, behind this membership drive was the recognition of those in the industry that the Association is really making headway in meeting the problems of the industry. Its various services and activities have been recognized and appreciated by broadcasters, large and small. The Association enters the year 1941 in a position where it can truly say it represents the united front of the broadcasting industry.

#### Labor Relations

The NAB set up its Labor Relations Department in May, 1938, to foster friendship between the broadcasting industry and organized labor. Joseph L. Miller, for many years labor editor of the Associated Press, was appointed director.

The department deals with all problems involving broadcasting stations and labor — both personnel problems and problems concerning labor programs on the air. The department advises all member stations on the application of labor laws to their employees; furnishes information and advice with regard to collective bargaining; and keeps the membership informed of all labor developments affecting the industry.

The director's principal work, however, has been to mediate in countless minor disputes between labor unions and broadcasting stations. In this field the director has been singularly successful.

## **Research Department**

Recognition that research can material contribute to the success of broadcasting caused the Board of Directors to establish the office of Research Director as a vital part of the Associa-

tion. The director maintains contact and relations with organizations engaged in radio research and cooperates with the government departments concerned with radio and business information.

The work of this department dovetails into all NAB activities in that its collection, analysis and dissemination of facts supplies the raw materials for the other departments.

Information gathered by the NAB Research Department is instantly available in usable form to members. This is essential to an industry accustomed to

move at incredible speed.

An important function of the department is to develop the values of research as a management tool. Proper research methods are being developed so that NAB member stations will be able to gather pertinent facts with which to gauge the success of station operation in all its departments. Naturally, in this work, the Research Department is readily available to the membership for research counsel.

Constant effort is made to expand and improve the existing store of information on radio set ownership, listening habits of the radio audience and other fundamental data on the broadcasting industry. In this work contact is maintained with the research heads of advertiser organizations and advertising agencies.

## **Promotion Department**

Institutional promotion of broadcasting in 1940 was themed on the premise that John Q. Public and no other is the real

boss of American radio.

His response to the superlative services of broadcasters and his appreciation of their value was stimulated by vigorous and sustained promotion. Results were easily measurable. Set ownership crossed the 50 million mark. In many localities the hours devoted to listening exceeded the time consumed by every other activity except working and sleeping.

In one section of the country or another promotions were in progress every month of the year. Simultaneous coast to coast promotions were four in number: "National Radio Festival"; "Listen before You Vote"; "Radio's 20th Birthday" and "50,000,000 Radio Sets by Christmas." Official status was given National Radio Festival by National Radio Festival proclamations issued by nine governors and more than one hundred mayors of American cities.

Other promotions included an essay

contest on the "American System of Broadcasting—Why It Is Best for Americans"; "Listen Before You Vote" campaign which emphasized that the American way means listening to both sides of the question and then registering a decision at the polls. It further pointed out that radio has become the modern, streamlined counterpart of the New England town meeting which served the cause of democracy so well in earlier days. Two color "Listen before You Vote" posters were displayed and distributed by radio stations, set and tube manufacturers, servicemen and jobbers.

Observance of Radio's 20th Birthday covered a period of twenty days, November 11-30. A birthday dinner in Washington, November 26, was attended by industry leaders, government officials and

members of Congress.

"50,000,000 Radio Sets by Christmas" was the year's final promotion. One phase was concerned with the giving of new radios as Christmas gifts; the other was the giving of reconditioned radio sets to the needy and to charitable institutions. Radio Servicemen of America, set and parts distributors and manufacturers were extremely cooperative in this work.

One of the year's developments was the large increase of studio radio shows (of sets), sponsored jointly by stations and the local radio trade.

During the year assistance was given the industry by electric leagues and in-

stitutes.

Assistance of leading radio manufacturers was likewise helpful.

Early in the year just under half a million copies of a sixteen page rotogravure booklet, "Radio's Riches," were purchased by stations for distribution to their listeners.

## The Bureau of Radio Advertising

The NAB has long recognized the importance of radio's commercial side through the existence of the NAB Sales Managers' Division. This recognition has now been given new emphasis with the establishment of the Bureau of Radio Advertising.

The Bureau is designed to promote radio as an advertising medium. Its work takes two major forms: 1. To provide the industry with facts and figures of a promotional nature and in other ways to assist stations to sell more time in the national and local fields. 2. To cooperate with broadcasters and others

in increasing the effectiveness of radio advertising.

Special efforts are made to develop certain untapped fields of business for stations, and to combat the claims and challenges of competing media. The Bureau is also charged with protecting members from the so-called "time chiselers"—and from advertisers who seek to place business on a percentage or "cost-per-inquiry" basis. It acts as a buffer against exorbitant publicity and merchandising requests by sponsors.

In cooperation with the NAB Sales Managers' Committee, of which E. Y. Flannigan, commercial manager of WSPD, Toledo, is chairman, the Bureau formulates its plans and policies for furthering the commercial aspects of the industry.

## **Engineering Department**

The engineering activities of NAB are carried out by the Director of Engineering with the assistance of an Engineering Committee. The duties of the Director of Engineering were assumed by Lynne C. Smeby on December 1, 1939. The Engineering Department of NAB deals with the general industry problems. All FCC hearings of general interest to broadcasters are attended and reported to the membership by the Director, Liaison work is also carried on with the Engineering Department of the FCC, on rules and regulations pertaining to engineering. As an example of this work, a Sample Transmitter Log with instructions for its use was drawn up with the cooperation of the FCC Engineering Department. This was distributed to all NAB members. Another duty of the Engineering Department is to keep the NAB "Engineering Handbook" up-to-date. The handbook is now being revised and much new data will be added such as material on Frequency Modulation and Ultra-High-Frequencies.

Each year in February, a Broadcast Engineering Conference is conducted at Ohio State University. The Conference functions to keep the engineers up-to-date with their profession under class-room conditions. NAB was privileged to cooperate in the 1940 Conference and the Director of Engineering is taking an active part in assisting Dr. W. L. Everitt, Director of the Conference, in formulating the plans for the Fourth Conference, to be held February 10 through 21, 1941.

The Director of Engineering is available to the individual members of NAB for service on individual matters that do

not transcend the field of private engineers.

## Legal Department

The work of the legal department divides itself into several categories: (1) Study and analysis of all bills, introduced in the Congress and the State Legislatures affecting broadcasters directly or indirectly: (2) assistance or advice in litigation whose decision will have a direct or indirect bearing on the interests of broadcasters; (3) assistance to member stations and their attorneys; (1) assistance to the NAB staff and committees.

Congressional bills which drew the attention of the legal department during 1940 were the Thomas Bill, the McGrancry Bill, the Johnson Bill, the Ditter Bill, the Pepper Bill, the Walter-Logan Bill, among others. (For a digest of these bills refer to the Legislative Digest in the legal section of this volume.) The NAB, through its legal department, cooperated with New York broadcasters in contesting the Perry Bill in the New York Legislature; this bill, which was the only one of importance in state legislatures, was eventually killed in one of the committees after having been passed by the State Senate.

The major litigation which has engaged the legal department's attention was the RCA vs. Whiteman case, which has now reached the Supreme Court; special counsel was employed in connection with this case to protect and repre-sent the interests of the broadcasting industry. The legal staff has given upon request of member stations and their attorneys specific information and advice concerning FCC rules and regulations and on matters pertaining to performing rights licenses, the playing of phonograph records. lotteries, treatment of political candidates, defamation, income tax, Social Security and Wage-Hour rulings, misleading advertising and other topics of importance to members.

In addition the legal staff has been in touch with government agencies and commissions and has attended hearings which affect the interests of broadcasters. A special study of Federal anti-trust laws as they affect the NAB was made and submitted to the Board of Directors of the organization. And finally the legal department made analyses of statutes, contracts, forms, the drafting of resolutions and proposed amendments, and rendered general assistance to NAB members.

#### Annual Report of Neville Miller, President, National Association of Broadcasters

As Presented to the 1940 NAB Convention

WITH this Eighteenth Annual Convention, the National Association of Broadcasters rounds out another twelve months of activity. It has been radio's greatest year. The trend which has heretofore existed in all phases of radio continued throughout the year and gives promise of continuing far into the future. A constant growth in listening audience is evidence of the public's confidence and approval, and broadcasters have responded by steady improvement in the scope and quality of programs.

During the past year, more than 9,000,-000 radio sets were sold, increasing the total number of sets in American homes and automobiles to over 45,000,000. With less than 7% of the world's population, our country has nearly a half of all broadcasting stations and receiving sets. and a greater percentage of radio equipped homes than any other nation. The American people want radio sets more than they want anything else in the line of electrical equipment, for more sets were sold than electric irons or toasters, or washing machines, or vacuum cleaners, or any other electrical device. In various polls, radio has won first place time and again in the preference of the American family. The American radio industry has grown faster in units, in dollar volume and in public service- than has the ridio industry of any other country.

Naturally, there is a reason for this continued development and improvement, and it is not hard to find. Radio has a tremendously intimate effect upon American life. Today it is impossible to conceive of our way of life without radio. Annihilating space and distance, American radio has in a short span of two decades commanded the largest single audience of listeners ever gathered in the history of mankind, over 100,000,000 men, women and children. Today we receive the last minute bulletins directly from Europe as an everyday occurrence. New cultural avenues have been opened and educational features developed; new technical frontiers have been broken through in frequency modulation and television, However, a brilliant future surpassing all the achievements of the past lies before us. It is our task to consolidate our advances along many fronts and to lay a firm foundation upon which the

future structure of public service broadcasting and television may soon be built.

I am sure that broadcasters realize that radio, although mighty as a force for good, can do equal evil. The experiences abroad of the past year have all too clearly proved this fact and have stirred us to still greater efforts to keep radio in America free, free for all to speak, for all views of all sides, and from breakfast to bedtime to fill the day of the American people with enfertainment, education and news reflecting our culture and aspirations, impossible in any nation where democratic principles do not flourish.

The broadcasters have borne well their part of radio's responsibilities of the past year. Your Association has experienced a busy and most satisfactory year. You will find it the report of each Staff Director, detailed information concerning the activities of his Department. I urge you to read these reports, because by so doing you will secure an excellent idea of the varied and manifold activities of the NAB Staff and by reason of this knowledge will make in the future more and constant use of the services which are available to you in the way of assistance by Staff members. I shall not duplicate those reports, but shall review briefly the larger aspects of the work of this Association,

The value of trade associations to industries has resulted in rapid growth of associations over a period of years. Today trade associations occupy a definite place in business life and perform a useful social and economic function sanctioned by law. The work of your Trade Association divides itself roughly into two divisions—one—tangible services rendered to our members, and the other—intangible services, which occupy the greater portion of our time.

Without minimizing the importance of our tangible assets, may I emphasize the necessity for protecting our intangible assets, such as, freedom of speech, public confidence, the basic value of advertising as a force in developing industry and employment and freedom from unnecessary and burdensome government regulation. No one individual can alone protect these, but united we can—and to unite the industry, to organize the common effort, to promote a working together of competing units, to encourage

a broader outlook based on research and facts, and to mobilize the best experience and opinion in the industry—this is one of the major tasks of the NAB.

Persistent effort has been maintained throughout the year to perfect the united front of the radio industry. With the enthusiastic cooperation of the Directors and members who served as membership Chairmen in the various states and areas. it is gratifying to report a gain in membership from 427 at the time of our last Convention, to 462 as of today. I cannot emphasize too strongly the need of continued and everlasting effort to bring into membership every radio station in the United States.

The District Meetings have become forums of practical usefulness and of great value in promoting discussion of our problems on an informal basis. I believe these meetings can be developed to even greater usefulness. Together with the meetings of the Board of Directors; the Executive Committee, and the various other committees they have enabled us to develop an industry consciousness and unification greater than has ever existed before within the industry.

May I here express our appreciation to the Directors, to those who served on the various committees and to the entire membership for so generously giving of your time and energy to the work of the Association. Without your assistance, it would have been impossible to carry on the affairs of the NAB during

the past year.

I am happy to report that for the first time in the history of either major political party, the platform of each party this year contains a radio plank. This is not only a well deserved recognition of the importance of radio but indicates that the leaders of Congress are well aware of our problems and encourages us to believe that helpful legislation may be enacted in the not too distant future. giving to American radio by law the dignity and protection that has already been given by public opinion.

#### Legislation

The Johnson Bill prohibiting the advertising on the radio of alcoholic beverages and the Thomas Resolution for adherence to the International Copyright Union were the two major legislative threats during the present session of Congress. We are pleased to report that neither of these pieces of legislation, nor any other legislation adversely affecting The Assobroadcasters, was enacted. ciation's Staff scrutinized all national and state legislation, did not blindly oppose all legislation, but in cooperation with other organizations helped steer the legislation into constructive channels.

Following our custom of being represented by special counsel in litigation involving matters affecting the entire industry, the Association retained special counsel in the RCA v. Whiteman case and has kept in close touch with all phases of the problems dealing with the playing of phonograph records. We are happy to report that we have been successful in our fight to prevent the levy of an additional burden on stations through another license system. On July 25 the United States Circuit Court of Appeals in New York reversed the decision of the District Court and held that broadcasters had the right to play records without a license.

Radio must not be content to fight a purely defensive legislative battle. We must take the initiative. The present Copyright Law was passed in 1909, prior to the advent of commercial broadcasting. It has many antiquated provisions, such as, the statutory minimum damage provision. The Law should be revised

and brought down to date.

The libel law as it applies to broadcasters is unsatisfactory. Broadcasters should either be given the right to eliminate libelous matter, or they should be exempted from liability. The decision in Summit Hotel v. Jolson, in which case the NAB was represented by special counsel, was a decision favorable to broadcasters, and was a step in the right direction, but many phases of the subject justify further study, to the end that this troublesome question may be correctly solved.

The present conception of the functions of administrative agencies leaves much to be desired. Granting that administrative agencies should be free of supervision by the courts, certainly some procedure should exist for the testing of the legality of an agency's rules and regulations, without requiring the applicant to first violate them.

In all quasi-judicial proceedings, before the FCC, we believe that there should be an opportunity for facts to be judicially found by an independent examiner or some independent quasi-judicial or judicial tribunal. Some such separation of the powers of the Commission as recommended by the President's Committee on Administrative Procedure would be an acceptable solution. In particular, in those cases which involve revocation of or failure to renew broadcast licenses, and where the lisensee's entire business is at stake, we have urged that there be provided a separate judicial determination of the facts as well as of the law. Our views on these matters have been submitted to the Attorney General's Committee on Administrative Procedure, which is at present considering the entire subject.

These are but a few of the many legislative problems which we face and which I am sure with assured industry-wide cooperation we can solve.

#### **Public Relations**

In our community life today there are propagandists about and we in radio, like many other businesses, are in the line of fire. Public opinion is the controlling factor in our Democracy, and therefore we have a legitimate interest in the public's knowing the real facts about radio in all its manifold branches. To do the job right, it must be done both nationally and locally. During the past year, with your help, we have endeavored to do it nationally, and to supply you with the tools, the weapons and the ammunition to do it locally.

Our public relations activity has covered a broad field. We have worked closely with the United States Office of Education through the Federal Radio Education Committee, and have taken a leading part in the Ohio State Institute on Radio and Education, and in many other conferences. There has been a marked change in the attitude of educators generally with reference to radio and radio relationship. The idea that education needed more time on the air has been abandoned because of the realization that educational radio needs not more, but less time on the air, and more time in preparation and rehearsal. Pressure for legislation to set aside a specific time for educational programs has therefore been eliminated.

For some time, advertising has been under attack from several angles. It has been charged that advertising is wasteful and burdensome to the consumer and that it gives an undue advantage to large companies and thereby fosters monopoly. These attacks are not directed against abuses in the use of advertising, but against advertising as a business tool.

This is a serious threat to radio and to all media. We have believed it important that consumers, educators and public officias should be convinced of the specific economic benefits and social improvements gained through advertising. We have taken an active part in the work of the Committee on Consumer Relations in Advertising, Inc., through which, in cooperation with other media, agencies and advertisers, the public will be given the real story of advertising's contribution to our standard of living. We have been represented at every consumers relations conference held in the last two years. We are working closely with such organizations as the Association of National Advertisers, the American Association of Advertising Agencies and the Advertising Federation of America, all of which are giving serious attention to the consumer movement. The preparation is under way of a program to demonstrate the contribution made by advertising to better consumer service and lower consumer costs.

Our relations with the press have steadily improved. In this connection, we report a most cordial attitude on the part of J. S. Gray, Radio Chairman of the American Newspaper Publishers Associal, whose friendly report on radio was a feature of the recent ANPA convention. In passing, it is well to observe that much of the change toward friendliness in the attitude of the newspapers is attributable to the excellent manner in which radio has acquitted itself in the war crisis and the use by radio of newspaper war correspondents, and the cooperation between these and radio correspondents constitutes a noteworthy chapter in this relationship. Still another factor in bringing about better relationship with the press has been the affirmative manner in which the NAB Bureau of Radio Advertising has been conducted. Its purpose has been to sell radio as a medium of advertising by constructive methods rather than through negative belittling competition. We proceed upon the theory that there is room for both the radio and the newspaper advertising dollar.

In cooperation with committees of the American Bar Association, the American Newspaper Publishers Association and the Newspaper Editors Association, the reporting of judicial proceedings has been studied to the mutual advantage of all groups.

The list of outstanding national or-

ganizations with which we have worked during the past year is too long to include here, but you may be sure we have overshooked no opportunity to tell the story of the American System of Broadcasting and to make friends for radio. The effects of the year were brought to a fitting close in the unprecedented radio ceremonies o last Saturday, when the New York World's Fair of 1940 and the San Francisco Golden Gate Exposition joined hands to convey the thanks of our listeners for public service rendered and to dedicate plaques symbolic of American free radio.

Code

The widespread acceptance and endorsement of the Code bespeaks the regard in which it is held not only by broadcasters generally but by women's organizations, labor groups, religious groups, civil liberties groups and the public at large. It has been said, "When all think alike, no one thinks very much." The discussions which have taken place during the past year have emphasized the fact that broadcasters have been thinking a lot and the Code has rendered a real service in stimulating this think-We all realize that many times right and wrong dress in shades of gray and that, although we have much of which to be proud, we must not be smug or refuse to listen to criticism. Also. we must be careful not to be more concerned with profits than prestige lest the result be that we lose both. Although our action may be attributed partly to enlightened self-interest, may I emphasize that broadcasters have learned a great deal through experience; they, better than any other group, krow what the public prefers and it certainly is in the public interest to prevent the kind of legislation which would mean that pressure groups would succeed in ramming down the throats of the public that which we know from our study and experience the public does not want.

I believe the adoption of the Code was a distinct step forward; that it has proved its value during the past year and that it will continue to grow in usefulness. To the Code Committee and its able chairman, we owe a debt of gratitude. It is especially pleasing to mention that the American Trade Association Exceptives bestowed a certificate of Honorable Mention on the NAB for its Code, citing the "achievement of instituting a system of self-regulation designed to make further government

regulation or control unnecessary, and which would deserve and earn public confidence."

#### Labor Relations

For another year the industry has operated without any major labor trouble. and, generally speaking, the relationship between our industry and organized labor is friendly. Our employees are well paid; our average weekly pay check of \$45.20 is believed to be the highest in Without surrendering our the country. rights, we have complied with both the spirit as we'l as the letter of the various laws enacted in recent years, and both labor officials and government officials dualing with labor problems have publicly praised the policy and activity of the NAP Labor Relations Department. Labor is a friend of the American System of Broadcasting.

#### Research

The activities of the Research Departmen, have been many and varied, in the form of supplying facts and information for the work of the various departments and cannultiees; in working with the FCC, the Census Bureau, the FREC and other governmental agencies, and with various groups and associations in assisting in analyzing the music copyright problem; in the preparation of a master station file, primarily designed for research purposes, but of immeasurable value to the crime industry; and, in aking a leading part in the preparation of the Pregram Log and Accounting Martual.

The Program Log Recommendation, and the Transmitter Log Recommendation prepared by the Engineering Department, furnish excellent examples of what can be accomplished by cooperation between the staffs of the FCC and the NAB.

We believe the recently issued FCC Forms 301 and 319—the new forms for application for construction permit or modification thereof for stindard broadcast stations and high frequency broadcast stations—impose an excessive burd in upon applicants. Although we are in sympathy with the Commission's desire to secure on these forms full information regarding the applicant's on liftcations, we believe that many of the questions can be so modified as to relieve the applicants of considerable burden in supplying information without unduly increasing the work of the Com-

mission. We hope that by cooperative effort the excellent result which was obtained with respect to the Log Recommer dations can be duplicated with respect to these forms.

A Plan for Unit Volume Measur ment

has been prepared in detail and will be submitted to this Convention for consideration, and we believe this is but the first of many very definite accomplishments which we believe will be achieved in the vary near future.

#### Bureau of Radio Advertising

The Bureau of Radio Advertising was three in full time operation on September 1-1, to assist members in sales and promotion problems. Trade studies, sales maruel: c weting specific selling problems, regether with other material, have be n issued and many members report having secured tangible results with the necterial. The Bureau is getting at the true facts in fields where resistance in radio advertising has existed and has given the commercial managers not only an impetus to get together, discuss their problems and exchange ideas, but has old given sales data with the aid of which many contracts were closed.

In cooperation with the Sales Managers' Division, the Bureau has taken an active part in AFA and NRDGA conventions, and has cooperated with the ANA and AAAA. It has done a good job in promoting the use of radio as

an advertising medium.

#### Promotion

The relationship with the RMA has been most friendly and cooperative and the Joint RMA-NAB Promotion Campaign has producer very satisfactory result. A continuous campaign has been carried on to increase the number of listeners, to increase the hours of Ist ming per day, to increase the apprecicli r of the American radio programs and to spread an understanding of the American system of broadcasting. During the past year, it has sponsored such rationwide events as the "Curtain Raiser," "Radio Christmas," the "National Rodio Festival," "Listen While You Ride," and "List; n While You Play," and now has in active swing the "Listen Before You Vote" campaign. Under the theme, "Your Electric Utility Can Be Your Best Local Account," a campaign for utility advertising has been conducted.

This department has also worked in

cooperation with the radio servicemen and the set manufacturers to reduce the number of inoperative or partially inoperative set and much progress has been made.

#### Engineering

In an industry such as radio, it is but natural that engineering is fundamentally first and foremost. This past year has been one of great activity due to the development of television and frequency modulation. Also the ratifi-cation of the Havana Treaty by Mexico brings to the front not only the problem of changing the frequency of most of the stations in the country but also other problems in connection with the public and the receivers. I wish to here express the hope that the difficulties which have arisen in connection with the Havana Treaty will be solved, and that the Treaty will become effective at an early date. In addition to keeping in close touch with all these problems, in working with the FCC and the NAB members, our Director of Engineering took a leading part in the preparation of the Transmitter Log and has under preparation a revision of the Engineering Hardbook which should be of real value to the industry.

#### Information Pool

Before ending the report on the work of the various Staff members, may I mention a service of the Association Staff, the value of which I do not believe is fully appreciated by NAB members. Each Staff member has collected a pool of information for the use of members labor statistics, legal authorities, recearch methods, engineering data, information for speeches, for promotional activities, and data on various other subjects.

We urge you to use this for two reasons: First, because we know it will be of value to you; and second, by using it instead of diminishing its value, you increase its value by testing its usefulness. adding your results to the peol, and thereby making it of greater value to the industry.

#### Music Copyright

Proadcasters have always been willing to pay a fair and equitable price for th euse of music. They are the first to acknewledge the cultural value of music. and that music has played a prominent part in the development of radio. However, they demand the right to purchase music in a free and competitive market the same as they purchase their other requirements. They are unwilling to pay ASCAP on news broadcasts, on sports broadcasts, and on other programs using no music. They are also unwilling to pay ASCAP on programs which use non-ASCAP music. They are unwilling to be required to pay the entire price for music to a relative few composers merely because those composers have secured a monopolistic control of the means of exploitation of their output. They believe the cultural life of America would be greatly benefited by encouraging the creative genius of young and able composers whose works are at present never played because of the character of ASCAP's present contracts. Today. broadcasters pay forty times as much per dollar of their gross as any other customer of ASCAP, and the new ASCAP contracts now demand they pay eighty times as much, increasing their payments from \$4.500,000 to nearly \$9,000,000. This we will not do!

A year ago, a sincere and honest attempt was made to sit across the table from representatives of ASCAP to negotiate a renewal of the contracts on a business basis. This effort was thwarted by the refusal of the President of ASCAP to appoint a committee to meet with the broadcasters; even though ASCAP's Board of Directors had authorized the appointment of such a committee. accordance with the mandate of the NAB convention held last year, a final positive effort was made to reach an agreement with ASCAP, upon the failure of which. the special convention was called last September in Chicago. In accordance with the practically unanimous vote of that convention, Broadcast Music, Inc., was organized for the purpose of developing a pool of non-ASCAP music and to assure the broadcasters of the right to purchase their music in a free competitive market. BMI has passed through the organization stage and today is a well-staffed organization, with a membership of over 300 stations. These BMI member stations pay over two-thirds of the revenue which ASCAP receives from the entire industry. Complete information concerning BMI will be given you Tuesday and plans for the future will be discussed at length. Suffice it here to say that today broadcasters have it within their power for once and all to end ASCAP monopoly, to solve this most troublesome question, to give the young composers a chance, and to stimulate creative effort in the United States. Moreover, the solution of this problem by a united industry will have a very salutary effect upon a number of our other pressing problems. Now is a most critical time for broadcasters. We must not fail! Let this Convention send out that San Francisco is to be no Munich! We are in this fight to win!

#### Conclusion

What of the future? Today we meet in a very different world from that which existed this time last year. It would be a bold man indeed who would attempt to prophesy under what conditions we shall meet this time next year. There is need for much long-range thinking, realizing as we must that radio will have a most influential and material effect upon the future of this country. It is not our job to decide for the citizens the questions which must be decided, but it is our task to fairly, adequately and honestly bring them the facts. In so doing, we perform a service in assisting people to govern themselves. We must do it courageously. fearlessly and effectively.

Our part in the world picture today is to do our job-and it is a most important job well and right in the hope and confidence that in the scheme of things the many stones which form the mosaic we call the American way of life will fit together. We must be sure that, regardless of what may happen, radio's pillar in the temple of Democracy will be sound and will not crumble. fountain of that pillar must be a free radio. There must not only be no censorship, but no threat of censorship. For, as the U.S. Supreme Court recently said, "It is not the sporadic abuse of power by the censor but the pervasive threat inherent in its very existence that constitutes the danger to freedom of discussion."

The foundation of free radio must be good broadcasting. The American public is the only champion radio needs. So long as our thinking is dominated by intelligence and common sense, there will be no serious threat to free speech, a free press or to a free radio. The American broadcasting industry has good reason to be proud of its record. Its position is one to be treasured and guarded from any hands within and without, which may threaten to destroy it. The American public we serve is marching with us.

# THE NAB CODE

SINCE it became effective on October 1, 1939, the NAB Code has received increasingly wide-spread acceptance and endorsement among broadcasters, sponsors and listeners. In his message to the 1940 annual convention NAB President Neville Miller stated: "I believe the adoption of the Code was a distinct step forward; that it has proved its value during the past year and that it will continue to grow in usefulness." A citation of "achievement for instituting a system of self-regulation designed to make further governmental regulation or control unnecessary, and which would deserve and earn public confidence" was bestowed on the NAB for its Code by the American Trade Association Executives. Code provisions are six, as follows:

#### Children's Programs

Programs designed specifically for children reach impressionable minds and influence social attitudes, aptitudes and approaches and, therefore, they require the closest supervision of broadcasters in the selection and control of material, characterization and plot.

This does not mean that the vigor and vitality common to a child's imagination and love of adventure should be removed. It does mean that programs should be based upon sound social concepts and presented with a superior degree of craftsmanship; that these programs should reflect respect for parents, adult authority, law and order, clean living, high morals, fair play and honorable behavior. Such programs must not contain sequences involving horror or torture or use of the supernatural or superstitious or any other material which might reasonably be regarded as likely to overstimulate the child listener, or be prejudicial to sound character development. No advertising appeal which would encourage activities of a dangerous social nature will be permitted.

To establish acceptable and improving standards for children's programs, the National Association of Broadcasters will continuously engage in studies and consultations with parent and child study groups. The results of these studies will be made available for application to all children's programs.

#### Controversial Public Issues

As part of their public service, networks and stations shall provide time for the presentation of public questions including those of controversial nature. Such time shall be allotted with due regard to all the other elements of balanced program schedules and to the degree of public interest in the questions to be presented. Broadcasters shall use their best efforts to allot such time with fairness to all elements in a given controversy.

Time for the presentation of controversial issues shall not be sold,

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except for political broadcasts. There are three fundamental reasons for this refusal to sell time for public discussion and, in its stead, providing time for it without charge. First, it is a public duty of broadcasters to bring such discussion to the radio audience regardless of the willingness of others to pay for it. Second, should time be sold for the discussion of controversial issues, it would have to be sold, in fairness, to all with the ability and desire to buy at any given time. Consequently, all possibility of regulating the amount of discussion on the air in proportion to other elements of properly balanced programming or of allotting the available periods with due regard to listener interest in the topics to be discussed would be surrendered. Third, and by far the most important, should time be sold for the discussion of controversial public issues and for the propagation of the views of individuals or groups, a powerful public forum would inevitably gravitate almost wholly into the hands of those with the greater means to buy it.

The political broadcasts excepted above are any broadcasts in connection with a political campaign in behalf of or against the candidacy of a legally qualified candidate for nomination or election to public office, or in behalf of or against a public proposal which is subject to ballot. This exception is made because at certain times the contending parties want to use and are entitled to use more time than broadcasters could possibly afford to give away.

Nothing in the prohibition against selling time for the presentation of controversial public issues shall be interpreted as barring sponsorship of the public forum type of program when such a program is regularly presented as a series of fair-sided discussions of public issues and when control of the fairness of the program rests wholly with the broadcasting station or network.

#### **Educational Broadcasting**

While all radio programs possess some educative values, broadcasters nevertheless desire to be of assistance in helping toward more specific educational efforts, and will continue to use their time and facilities to that end and, in cooperation with appropriate groups, will continue their search for improving applications of radio as an educational adjunct.

#### News

News shall be presented with fairness and accuracy and the broadcasting station or network shall satisfy itself that the arrangements made for obtaining news insure this result. Since the number of broadcasting channels is limited, news broadcasts shall not be editorial. This means that news shall not be selected for the purpose of furthering or hindering either side of any controversial public issue nor shall it be colored by the opinions or desires of the station or network management, the editor or others engaged in its preparation or the person actually delivering it over the air, or, in the case of sponsored news broadcasts, the advertiser.

The fundamental purpose of news dissemination in a democracy is to enable people to know what is happening and to understand the meaning of

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events so that they may form their own conclusions and, therefore, nothing in the foregoing shall be understood as preventing news broadcasters from analyzing and elucidating news so long as such analysis and elucidation are free of bias.

News commentators as well as all other newscasters shall be governed by these provisions.

#### Religious Broadcasts

Radio, which reaches men of all creeds and races simultaneously, may not be used to convey attacks upon another's race or religion. Rather it should be the purpose of the religious broadcast to promote the spiritual harmony and understanding of mankind and to administer broadly to the varied religious needs of the community.

#### Commercial Programs and Length of Commercial Copy

Acceptance of programs and announcements shall be limited to products and services offered by individuals and firms engaged in legitimate commerce; whose products, services, radio advertising, testimonials and other statements, comply with pertinent legal requirements, fair trade practices and acceptable standards of good taste.

Brief handling of commercial copy is recommended procedure.

Member stations shall hold the length of commercial copy, including that devoted to contests and offers, to the following number of minutes and seconds:

#### Daytime

Fifteen-minute programs	4:30						
Nighttime							

Fifteen-minute programs. 2:30
Thirty-minute programs. 3:00
Sixty-minute programs. 6:00

#### Exceptions:

The above limitations do not apply to participation programs, announcement programs, "musical clocks," shoppers' guides and local programs falling within these general classifications.

Because of the varying economic and social conditions throughout the United States, members of the NAB shall have the right to present to the NAB for special ruling local situations which in the opinion of the member may justify exceptions to the above prescribed limitations.

## INDEPENDENT RADIO NETWORK AFFILIATES, INC.

I NDEPENDENT RADIO NETWORK AFFILIATES. INC., under the Chairmanship of Samuel R. Rosenbaum, put in an active year, procedure being centered on certain network operating practices, particularly regarding the chainbreak periods and "hitch-hiker" announcements.

IRNA has also been actively called in for discussions of industry policy in connection with the Ascap situation and the suits as proposed by the

government.

Somewhat of a furor was caused during the course of filing briefs with the FCC relative to the latter's Committee report on chains, when IRNA denounced the report under consideration. It was subsequently revealed however, that only one affiliate dropped its membership as a result of this move. Thus the organization is considered to have taken a course feasible to the majority of the affiliates.

During the year approximately 120 affiliates paid dues to IRNA, but as pointed out by Chairman Rosenbaum, the policy is to function on behalf of all of the affiliated outlets whether or not they pay dues. Members who

forwarded their dues paid in a total of nearly \$8,000.

It is expected that during the 1941-2 season, IRNA will become more active than ever, having already proven its worth in reaching its original objective when it averted serious trouble with the AFM. Formal incorporation of IRNA was directed by its membership in September 1939, after nearly two years of activity as an informal group.

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# NATIONAL INDEPENDENT BROADCASTERS, INC.

National Independent Broadcasters, Inc. put in a full year of progressive activity during 1940, the organization, comprised of independently owned local broadcasting stations having concerned itself with at least eight important developments.

Two convention meetings were held during the year, the first August 5th, in San Francisco at the time of the NAB Convention and the second October 21st and 22nd in New York. Harold A. Lafount, president, presided over the two meetings. Earlier in the year permanent offices were opened at 500 Edmonds Building, Washington, D. C., and on November 1, 1940 all association activities were transferred there and a permanent staff installed under Edwin M. Spence, managing director.

Summary of the outstanding activities of the Association during 1940 include: FCC Rule 3.93 was amended in regard to transcription announcements; Modification of the Sunrise Rule, for the benefit of part-time stations; Revision of the Application Forms 301 and 319, the former concerning standard broadcast stations and the latter FM; Broadcast Music, Inc. held conferences with NIB officials and a low scale license fee was arranged, effective April 1, 1941.

Throughout the summer conferences were held with the AFM relative to independent station contracts which expired on September 15, and it was agreed by President Petrillo of the AFM that relations would remain status quo.

HAROLD A. LAFOUNT, President 630 Fifth Avenue, New York City

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BRANCH CEFICES Los Angeles: I. B. Kornblum, 6331 Hallywood Blvd., Hollywood, Calif.

San Francisco: Theodore Hale, 111 O'Farrell Street. Chicago: Frank Dare, 729 Waveland Avenue.

#### Advertising Federation of America 330 West 42nd St., New York, N. Y. BRyant 9 0430

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FUNCTIONS FUNCTIONS

To provide a common forum and a central medium for cooperative effort on behalf of all individuals and groups interested in advertising.

To elevate the standards of advertising practice and to combat any unfair competitive methods in its sale.

To help increase the effectiveness of advertising as an instrument of distribution, with its resulting benefits to business and the general public.

To determine and disseminate more accurate knowledge of the functions of advertising in business, and

social and economic values. To aid in raising the standards of education and training for advertising practitioners.

#### American Association of Advertising Agencies

420 Lexington Ave., New York, N. Y. MOhawk 4-7932

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FUNCTIONS The American Association of Advertising Agencies was formed in 1917 by the amalgamation of the New England, New York, Philadelphia, Southern and Western Advertising Agency Associations—to promote the interests and raise the standards of advertising and the advertising agency business.

It welcomes to membership any advertising agency qualified to aid in this purpose by reason of its ability to serve the cause of advertising, its financial soundness and its demonstrated desire to adhere to sound and ethical business practices.

The aims of the Association are partly ethical and partly economic. It is a professional body and also a trade association. It aims to raise standards, to improve technique to ascertain values, to safeguard relations, and to cooperate with other organized effort in related fields.

One of the major aims of the Association is to keep advertising agency practice on a high level, in order that it may be most useful to the advertiser, most helpful to the publisher and respected by business

Early in its career the Association adopted for the Early in its career the Association adopted for the guidance of its members two official statements. One is entitled "Agency Service Standards." in which agency service is defined, so that advertisers and publishers may know what to expect and agencies may know what should be required of them, thus discouraging the incompetent and encouraging those equipped to render effective service.

The other statement entitled "Standards of Practice." deals with agency relations with media, clients and the public, with fair and ethical agency comcetition, and other professional ethics.

petition, and other professional ethics.

#### American Bar Association (Standing Committee on Communications)

Office of the Chairman; 920 Southern Bldg., Office of the Committee
Washington, D. C.
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FUNCTIONS

The main function of this committee is to keep in touch with any phase of the field of communications in which the American Bar Association may have an interest. It reports to the Bar Association at intervals with recommendations for action, and carries out such mandates as it receives from the Association.

#### American Communications Association (C. I. O.)

10 Bridge St., New York, N. Y. BOwling Green 9-3006 OFFICERS

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#### American Council on Education

744 Jackson Place, Washington, D. C. NAtional 5691

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FUNCTIONS		

This Council's purpose is to advance American edu-cation through comprehensive voluntary, cooperative action on the part of educational associations, organizations and institutions, through the promotion, initiation and administration of systematic studies, cooperative experiments, and conferences. It has sponsored two national conferences on educational broadcasting to provide a national forum of educational and broad-casting interests for the furthering of education by radio. It also has an educational motion picture project which is evaluating and producing classroom films

#### American Federation of Musicians

1450 Broadway, New York, N. Y PEnnsylvania 6-2545

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2 West 45th St., New York, N. Y. VAnderbilt 6-1810 NATIONAL OFFICERS

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Lcs Angeles Local—6331 Hollywood Boulevard, Hollywood, Calif.; I. B. Kornblum, Executive Secretary; Phone, Hillside, 5121.

San Francisco Loca!—111 O'Farrell Street, San Francisco, California: Vic Connors, Executive Secretary: Phone, Sutter 3196. San Francisco, California. Cincinnati Local—Box No. 2, Burnet Woods Station,

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Montreal Local—1126 St. Catherine St., West Mon-

treal, Canada.

Detroit Local—1003 Tuller Hotel, Detroit, Mich. St. Louis Local—4317 Lindell Blvd., St. Louis, Mo.

Minmi Local—Box 3082, Minmi, Fla.

Denver Local—598 South Navajo St. Denver, Colo.
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#### American Guild of Musical Artists, Inc. (A. F. L.)

545 Fifth Ave., New York, N. Y. VAnderbilt 6-6340

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Hollywood: 7046 Hollywood Blvd.—Phone, Hollywood 7311; San Francisco: 111 O'Farell St.—Phone, Sutter 3196; Chicago: 540 N. Michigan Blvd.—Phone. Superior 6517.

**FUNCTIONS** 

ACMA is a union whose purpose is to bargain collectively on behalf of solo musical artists in the protection of their common interests. It is not directly engaged in the radio industry and is affiliate of the American Federation of Radio Artists which has direct jurisdiction over broadcasting artists.

#### American Guild of Radio Announcers and Producers

13-26 142nd St., Melba, Long Island INdependence 3-2633

OFFICERS

Secretary-Treasurer . . . . . . . . . . . . Roger Bower FUNCTIONS

This organization is an independent labor union, industrial in character, representing announcers, producers, sound effects technicians, radio engineers, etc... at radio stations throughout the United States.

#### American Institute Of Electrical Engineers

33 West 39th St., New York, N. Y. PEnnsylvania 6-9220

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**FUNCTIONS** 

The major purposes of the American Marketing Association are: (1) To foster scientific study and research in the field of marketing; (2) To develop sound thinking in marketing theory and more exact knowledge and definition of marketing principles; knowledge and definition of marketing principles; (3) To improve the methods and technique of marketing research; (4) To contribute to the improvement of the teaching of marketing; (5) To develop better public understanding and appreciation of mar-keting problems: (6) To study and discuss legislation and judicial decisions regarding marketing; (7) To improve marketing personnel and study personnel problems: (8) To record progress in marketing through the publication of a journal; (9) To encourage and uphold sound, honest practices, and to keep marketing work on a high ethical plane.

#### American Newspaper Publishers Association

370 Lexington Avc., New York, N. Y. CAledonia 5-2000

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Secretary	lorman	Chandler
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FUNCTIONS		

FUNCTIONS

To foster and protect the business and business interests of daily newspapers.

#### The American Radio Relay League,

38 LaSalle Road, West Hartford, Conn. Hartford 3-6269

OFFICERS President George W. Bailey
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radio, for the advancement of the radio art and of the public welfare, for the representation of the amathe public welfare, for the representation of the amareur in legislative matters, and for the maintenance of traternalism and a high standard of conduct. The League publishes QST, a publication devoted solely to amateur radio, issued monthly. It also publishes The Radio Amateur's Handbook annually and other publications.

#### American Society of Composers, Authors and Publishers

30 Rockefeller Plaza, New York, N. Y. COlumbus 5-7464

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COLORADO: H. O. Bergkamp, 1101-2 Security Bldg.,

Colo.

CONNECTICUT: R. W. Rome, 44 School Street,

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DELAWARE: E. A. Sherwood, 1616 Baltimore Trust
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DISTRICT OF COLUMBIA: E. A. Sherwood, 1616

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Indianapolis, Ind. IOWA: John C. Wooden, 601 Des Moines Bldg.,
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45 West 47th St., New York, N. Y.
Phone: BRyant 9-3550
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Associated Actors and Artistes of America, generally known as the Four A's, holds the international charter from American Federation of Labor covering theatrical entertainers. Actors' Equity, American Federation of Radio Artistes, Screen Actors Guild, Chorus Equity, American Guild of Variety Artists, American Guild of Musical Artists, etc., are granted
American Guild of Musical Artists, etc., are granted charters via Four A's.
•
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FUNCTIONS  This association is a labor union representing broad- cast technicians only.
Association of Canadian Advertisers,

Inc. 85 Richmond St., West, Toronto, Ont. ADelaide 9774 OFFICERS

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Association of Canadian Advertisers (ACA) is a mutual organization of national advertisers in Canada, organized to make advertising better and mbore effective for its members. The organization compiles "Analysis of Circulation of Canadian Publications," which is published every two years.  Association of National Advertisers,	rights and property of all those who create copy- rightable material of whatever kind or nature; to advise and assist all such in business matters relat- ing to the disposal of their productions and to obtain for them prompt remuneration therefor; to disseminate information among them as to their just rights and remedies. Its membership is ap-
_	proximately 4.200.
330 West 42nd St., New York, N. Y. BRyant 9-6330	Broadcast Music, Inc. (BMI) 580 Fifth Ave., New York, N. Y. PEnnsylvania 6-4566
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The Pepsodent Co.; D. P. Smelser, The Prector G Gamble Co.; H. M. Warren, National Carbon Co. FUNCTIONS The Association of National Advertisers is com-	The functions of BMI are: (1) To buy and publish original music; (2) to coordinate and license the performing rights to music published under its own imprint and of music in the catalogs of affiliated
posed of the leading companies of the United States who use advertising. Its function is to represent them and further their interests as buyers of advertising.	publishers and performing rights societies; (3) to provide equal opportunity of recognition for all writers and composers.
Association of Radio Transcription	Canadian Association of Advertising Agencies
Producers of Hollywood, Inc. Hollywood Blvd. at Cosmo, Hollywood, Calif. HOllywood 3545	401 Yardley House, Toronto Ont., Canada Waverly 6157
OFFICERS Fresident Gerald King Secretary C. P. MacGregor	OFFICERS  President E. W. Reynolds  (E. W. Reynolds & Co.)  Vice-President J. W. Thain
Secretary. C. P. MacGregor Treasurcr J. Messer General Counsel John J. Wilson	A. McKim. Ltd.)
DIRECTORS Gerald King C. P. MacGregor, A. Schrade.	Treasurer A. J. Denne (A. J. Denne & Co.) FUNCTIONS
This organization is a cooperative trade association of companies active in the transcription business in Hollywood. Membership is composed of: Allied Tho-	Canadian Association of Advertising Agencies is a trade organizations made up of the majority of advertising agencies in Canada.
nograph & Record Co.; Radio Transcription Co. of America, Ltd.; C. P. MacGregor Sound Studios; Ray Morgan & Co. Standard Radio; Field Bros.; Edward Sloman Productions. Ltd.: George Logan Price, Inc.	Canadian Association of Broadcasters
Authors' Guild	801 Victory Bldg Toronto, Ont. Canada Elgin 5623
6 E. 39th St., New York, N. Y. Murray Hill 5-6930	OFFICERS President
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FUNCTIONS

The Canadian Association of Broadcasters is a trade association comprising 57 privately owned radio

stations

#### Canadian Performing Right Society,

1003 Royal Bank Bldg., Toronto, Canada OFFICERS President-Managing Director. H. T. Jamieson, F.C.A.

BOARD OF DIRECTORS
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### Catholic Actors Guild of America,

Hotel Astor. New York, N. Y. Circle 6-5566

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Recording Secretary	Don Cautier
Counsel Hon.	Afred J. They
Historian	Allyn Gillyn
Executive Secretary	. Groige Buck
Chairman of Executive Board	William David
Social Secretary (Theatrical)	Jane Hoy
Social Secretary (Non Theatrical)	
	nelius J. Gallagher
FUNCTIONS	

The Catholic Actors Guild is a charitable, benevolent and social organization for the people of the theatre, screen and radio, non-sectarian in scope.

#### Catholic Writers Guild of America, Inc.

128 W. 71st St., New York, N. Y. ENdicott 2-0411 OFFICERS

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Clear Channel Group

914 National Press Building, Washington, D. C. Metropolitan 1464

OFFICERS

Chairman Edwin W. Craig
Chairman, Engineering Committee J. H. DeWitt, Jr.
Counsel Louis C. Caldwell Counsel FUNCTIONS

The function of the Clear Channel Group is to

foster the interests of independently-owned clear channel standare broadcast stations in matters of en-gineering allocation, national and international, to the end of preserving and improving radio reception to rural and sparsely settled areas and to cities and towns having no stations of their own.

#### Defense Communications Board

Chairman's Office: c-o Federal Communications Commission, Washington, D. C. PERSONNEL

James Lawrence Fly. Chairman. Federal Communica-James Lawrence Fiy. Chairman, Federal Communica-tions Commission: Major General Joseph O. Mauborgne. Chief Signal Officer of U. S. Army; Rear Admiral Leigh Noves Director of Naval Communications: Brockenridge Long. Assistant Secretary of State in charge of the Division of international Communica-tions; Herbert E. Gaston, Assistant Secretary of Treasury in charg: of Coast Guard.

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Labor Advisory: Inot named at time of going to Dress) Industry Advisory: (not named at time of going to

Domestic Broadcasting: Neville Miller, Chairman; Andrew D. Ring, Secretary.

Subsidiary Committees: International Radio Advisory Committee. International Broadcasting Committee. Radio Communications Committee. State and Municipal Facilities Committee, Telegraph Committee, Tele-phone Committee, Anateur Radio Committee Avia-tion Radio Committee, Cable Committee.

#### The Dramatists' Guild

6 E. 39th St., New York, N. Y. MUrray Hill 5-6930 OFFICERS

President Elmer Rice
Vice-President George S. Kaufman
Chairman of the Board Edward Childs Carpenter
Socretary Secretary Richard Rodgers
Executive Secretary Luise Silleox Annual meeting and election: November; Membership: 2500.

FUNCTIONS The Dramatists' Guild is one of the guilds of the Authors' League of America, Inc. The guild is primarily a protective organization for playwrights

#### Federal Communications Bar Association

9\_1 Tower Bidg., Washington, D. C. OFFICERS

Herbert M. Bingham Fresident First Vice-President John M. Littlepage Ralph A. Van Orsdel Percy H. Russell, Jr. Paul A. Porter Second Vice-President . . . Sccietary . Treasurer

FUNCTIONS

To promote the proper administration of the Com-munications Act of 1934 and related acts, to up-hold the heavy of practice before the Federal Comnote the new or process before the reaeral com-munications Commission, and to encourage condial intercourse among the practitioners. It issues a monthly publication, the Federal Communications Bar Journal, which is devoted to matters of interest pertaining to communications law.

#### Federal Radio Education Committee

Room 3355 South Interior Bldg., Washington, D. C. REpublic 1820, Extension 2280

OFFICERS OFFICERS

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National Association of Educational Broad-

Carthy, National Association of Educational Broadcariny, National Association or Educational Broad-casters; A. D. Ring, Federal Communications Commis-sion: Walter G. Preston, Jr., National Broadcasting Co.; Levering Tyson, Muhlenberg College; Sterling Fisher, Columbia Broadcasting System; John W. Stude-baker, United States Commissioner of Education. FUNCTIONS

The Federal Radio Education Committee was appointed in 1935 by the Federal Communications Commission with the recommendation at that time that the broadcasters, on one hand, and the educations, on the other, would combine forces which would: (1) eliminate controversy and misunderstanding between groups of educators and between the industry and educators; (2) promote actual cooperative arrangements between educators and broadcasters on national. regional and local bases. Publications to date include Script Exchange Catalog, Glossary of Radio Terms.
"Americans All—Immigrants All," a supplementary teaching aid in the use of recordings of program series of the same name, the FREC Service Bulletin, and Forums on the Air.

#### Federal Trade Commission

Constitution Ave. at 6th St., N.W., Washington, D.C. NAtional 8206

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PERSONNEL
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Col. William H. England Chairman Commissioner... Commissioner..... Commissioner. . Commissioner.... Secretary ..... Secretary Otis B. Johnson
Chief Economist Col. William H. England
Director, Radio & Periodical Division P. B. Morehouse Assistant Director, Radio & Periodical Division

William F. Davidson **FUNCTIONS** 

The Federal Trade Commission is a Governmental agency whose object is to prevent unfair methods of competition and unfair and deceptive acts and practices in commerce. For a description of the actual procedure and work of this body see articles appearing in other sections of this volume.

#### Financial Advertisers Association

221 S. La Salle St., Chicago, III. State 5547

**OFFICERS** 

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First Vice-President Victor Cullin
Second Vice-President L. E. Townsend
Third Vice-President Lewis F. Gordon
Treasurer Fred W. Mathison Treasurer.....Fre
Executive Vice-President Preston E. Reed

#### First Advertising Agency Group

524 Union Commerce Bldg., Cleveland. Ohio Main 5194

**OFFICERS** 

Lee E. Donnelley .Norman Lewis Melvin F. Hall Secretary-Treasurer. BRANCH OFFICES

Membership in this organization includes advertis-

ing agencies in the following cities: Albany, N. Y.; Atlanta, Ga.; Buffalo, N. Y.; Cincinnati, Ohio; Cleveland, Ohio; Denver, Colo.; Des Moines, Iowa; Detroit, Mich.; Jacksonville, Fla.; Los Angeles, Calif.; Nashville, Tenn.: New York, N. Y.; Oakland, Calif.; Philadelphia, Pa.; Pittsburgh, Pa.; Portland, Ore.; Richmond, Va.; San Francisco, Calif.; San Jose, Calif.; Salt Lake City, Utah; Seattle, Wash.; St. Louis, Mo.; Tacoma, Wash.; Toronto, Ont.; Montreal, Que.; Halifax, Nova Scotia; Vancouver, B. C.: Winnipeg. Manitoba.

**FUNCTIONS** 

This organization is a cooperative group of inde-pendently owned advertising agencies using identical standards of agency procedure and acting as branch offices in the interest of each member.

#### F M Broadcasters, Inc. (FMBI)

21 Brookone Ave., Boston, Mass. Commonwealth 0800

OFFICEES John Shepard, 3rd
John V. L. Hogan
Robert T. Bartley President. Vice-President Secretary-Treasurer DIRECTORS

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BRANCH OFFICE
52 Vanderbilt Ave., New York, N. Y.
Phone, Murray Hill 7201
Director of Promotion.

. . Dick Dorrance FUNCTIONS

FM Broadcasters. Inc., is a national organization of a non-profit nature, representing the concerted efforts of leading FM proponents to see that FM advances in a coordinated, logical manner,

#### Georgia Association of Broadcasters

c-o Radio Station WRBL, Columbus, Ga.

OFFICERS

OFFICERS

Woodruff, Jr. President ... (WRBL, Columbus) Vice-President

(WRDL, Augusta)

FUNCTIONS

The Georgia Association of Broadcasters is a re-gional trade association of 19 Georgia broadcasting stations.

#### Independent Radio Network Affiliates, Inc. (IRNA)

Chairman's Office: 200 Bankers Securities Bldg., Philadelphia, Pa.

OFFICERS .... Samuel R. Rosenbaum

WKRC, Cincinnati, Ohio; L. B. Wilson, WCKY, Cincinnati, Ohio.

#### Institute of Radio Engineers, Inc.

330 West 42nd St., New York, N. Y. MEdallion 3-5661

OFFICERS

President .... FUNCTIONS Secretary

The Institute of Radio Engineers is a professional organization of engineers in radio and allied fields. It publishes a magazine entitled "Proceeding of the Institute of Radio Engineers" and conducts meetings in New York and various other cities in the United States, Canada and Argentine.

#### Interdepartment Radio Advisory Committee (IRAC)

Chairman's Office: Federal Communications Commission, Washington, D. C.
OFFICERS

Chairman E K Jett
Vice-Chairman J H Dellinger
Secretary Gerald C Cross
Assistant Secretary P F, Siling
MEMBERS

Department of Agriculture.....E. W. Loveridge Department of Commerce.....Dr. J. H. Dellinger Prederal Communications Commission . E. K. Jett Department of Interior . C. D. Monteith Department of Justice . T. D. Quinn Maritime Commission . D. S. Brierly Department of Navy . Admiral S. C. Hooper Post Office Department . Roy M. Martin Department of State . Thomas Burke Department of Treasury . Commander J. F. Farley Department of Treasury . Commander J. F. Farley Department of Gariculture . Wallace L. Kadderly Department of Agriculture . Wallace L. Kadderly Department of Commerce . L. H. Simson Federal Communications Commission . Gerald C. Cross

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This committee, composed of representative officials from the various government departments and agencies is charged with advising the President in regard to the assignment of frequencies to government station or classes of station. Little of the committee's work is divulged for public information because of its nature (e.g. National Defense), which is confidential.

#### International Committee On Radio (Comite International de la T. S. F.)

President's Office: c-o Federal Communications Com-

mission, Washington, D. C.
Treasurer's Office: Colorado Bidg., Washington, D.C.
Secretary's Office: 1112 Connecticut Ave., N.W.,
Washington, D. C.
OFFICERS

President T. A. M. Craven
Vice-President Louis G. Caldwell
Treasurer Howard S. LeRoy
Secretary F. P. Guthrie

EXECUTIVE COUNCIL

John W. Guider. Chairman; A. L. Ashby, Thad H.

Brown, J. H. Dellinger, Francis C. DeWolf, William R. Vallance.

**FUNCTIONS** 

This organization is the American Section of the Comite International de la T. S. F.

#### International Radio Club

Court House Bldg., Miami, Fla. Phone, 3-4431

**OFFICERS** .....F. C. Sowell President ...E. K. Cargill Vice-President... (WMAZ, Macon, Ga.) Vice-President Vice-President . (KFEL, Denver, Colo.) Secretary Peggy Tooke Legal Counsellor Roger E Davis ...Joseph Ries Program Director ... (WLW Cincinnati. Ohio) Historian . . . . . . . . . George (WTIC, Hartford, Conn.) George Malcolm-Smith ... Vincent Sorey

#### International Short Wave Club

923 Vine Street, East Liverpool, Ohio

Phone, 3546-W

President & Editor Arthur J. Green
Board of Advisors Joseph B. Sessions
Board of Advisors Jacob N. Kleimans
Board of Advisors Charles H. Schroeder
European Representative Arthur E. Bear

(Note: the Ling.....
pended operations.)
FUNCTIONS

The purpose of the organization is to gather information, helpful hints, station schedules, etc., and send this to members of the organization. The club has members in 141 countries and possessions that act as news reporters.

The Lambs
130 W. 44th St., New York, N. Y.
BRyant 9-8020
OFFICERS 

#### Market Research Council

122 East 42nd St., New York, N. Y.

LExington 2-9680 OFFICERS

EXECUTIVE COMMITTEE

Arno H. Johnson, Arthur Hirose (McCall Corp.), Frank M. Surface, Will S. Johnson, Elmo Roper Frank M. Service.
(Elmo Roper, Inc.).
FUNCTIONS

This organization is a small informal group (limited membership) of leading market research men interested in general market research who meet monthly for a discussion of mutual problems.

The Mo	rsquers		
1765 N.	Sycamore	Ave ,	Holl

ywood. Calif. HOllywood 2164 OFFICERS

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Fig.		. Alan Mowbray
Ponchinelio	 	Stanley Taylor
Croesus		Howard B. Hinshey
Pantaloon		Joe E. Brown
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The Masque's is a non-profit social club catering to majo members of the stage and screen with a limited number of non-professional members.

#### Music Publishers' Protective Association, Inc.

45 Rockefeller Plaza, New York, N. Y. Chole 6-3084

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General Manager	

#### National Advisery Council on Radio in Education

60 E. 42nd St., New York, N. Y. MUrray Hi!l 2-3420

OFFICERS

Secretary .Dr. Levering Tyson FUNCTIONS

The National Advisory Council on Radio in Education was organized to promote the more effective utilization of the art of broadcasting in the general field of American education. Its membership includes representatives in the field of education appropriate and industry as a membership includes representatives. cation government and industry as well as the gen-

#### National Association of Broadcasters

OFFICERS

Normandy Bidg., 1627 "K" Street, N. W., Washington, D. C. National 2030

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Assistant to President-Acting	
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7-J. H. Ryan, WSPD, Toledo, Ohio

Mark Ethridge, WHAS, Louisville, Ky. (director-atlarge) George W. Norton, Jr., WAVE, Louisville, Ky.

(director-at-large)

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11—Earl H. Gammons. WCCO, Minneapolis, Minn.
12—Herbert Hollister. KFBI, Wichita, Kans.
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Harold Hough, WBAP, Fort Worth, Tex. (directorat-large)

ar-large)

14 -Eugene P. O'Fallon, KFEL, Denver, Colo.

15 - Howard Lane, KFBK, Sacramento, Calif.

16 - Harrison Holliway, KFI-KECA, Los Angeles, Calif.

17 - C. W. Myers, KOIN, Portland, Ore.

Harry R. Spence, KXRO, Aberdeen, Wash, (director-at-large)

EXECUTIVE COMMITTEE
Neville Miller, Paul W. Morency, Don Searle, John
Kennedy, Edwin W. Craig, Heibert Hollister, John

#### National Association of Educational Broadcasters

Exec. Secy., Radio Station WILL. Univ. of Illinois. Urbana, Illinois OFFICERS

Harold G. Ingham President.... (KFKU, Lawrence, Kans.) M. C. Jensen Vicc-President (WCAL, Northfield, Minn.) .. W. I. Griffith

Treasurer (WOI, Ames, lowa) ....Frank Schooley

nies, Illinois)

To further the interests of educational broad-casting stations and educators broadcasting over commercial stations.

#### National Association of Performing Arlists

630 Fifth Ave., New York, N. Y. Circle 7-8194

OFFICERS President James J. Walker First Vice-President Fred Waring Vice President Meyer Davis Vice-President Paul Whiteman Vice-President Al Jolson
Secretary Frank Crumit
Trackurer Don Vocabees .. Don Voorhees Treasurer

James J. Walker, Paul Whiteman, Efrom Zimbalist.

FUNCTIONS

The object of the Association is to protect the recordings of its members and the prevention of their unauthorized use primarily by broadcast stations, coin-operated machines, etc.

#### National Association of Regional Broadcast Stations

Munsey Bldg., Washington, D. C. MEtropolitan 0023 OFFICERS

(The Yankee Network, Boston)

Secretary-Treasurer... ... Grace C. Inge!s

**FUNCTIONS** 

The objects of this association are to protect the interests of the members of the Association by opposing the enactment or adoption of any laws, rules, regulations, customs or practices which would discriminate against or in any way injure the members to any greater degree or in any different manner than licensees of broadcast stations who are ineligible for membership.

#### National Better Business Bureau, Inc.

405 Lexington Ave., New York, N. Y. Murray Hill 6-3535

	OFFICERS
President	R. P. Clayberger
Vice-President	Harry Dwight Smith
Secretary	. Warren C. Agry
Treasurer	John L. Andersor
General Manager	Edward L. Greeno
9	FUNCTIONS
This	to the state of the continues of the con

This organization assists the public, advertisers and publishers to avoid false and deceptive advertising. It cooperate with law enforcement agencies in this

#### National Committee on Education by

Roam 308, One Madison Ave., New York, N. Y. CAledonia 5-6965

**OFFICERS** 

Chairman (Pres., University of Wyoming) H. J. Umberger (Dir., Division of Extension, Kansas State College)

S. Howard Evans Oir., Division C.
Secretary FUNCTIONS

Acts as spokesman in radio matters for organized education. Publishes a bulletin titled "Education By Radio." Aids and encourages non-commercial radio stations. Promotes cooperation between educators and commercial broadcasters. Acts as clearing house for information about education by radio.

#### National Independent Broadcasters, Inc. (NIB)

President's Office: 730 Fifth Avc., New York, N. Y. Washington Office: Edmonds Bldg., 917 Fifteenth St., N.W., Washington, D. C. Phone, Republic 3607

OFFICERS

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District

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**FUNCTIONS** This association was organized by independent and local broadcasting stations to meet the need of special representation for such stations in handling the problems and activities peculiar to them as a group.

#### Hational Industrial Advertisers Association, Inc.

100 E. Ohio St., Chicago, III. Superior 8140

Richard P. Dodds Truscon Steel Co.1 Vice-President..... .......E. J. Goes (Kechring Co.) ..... Herbert V. Mercready Vice-President. (Magnus Chemical Co.) (Frick Co.) Vice-President William D. Murphy

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Past President
Combustion Mtg. Co.
M. R. Webster

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The Lunkenheimer Co.: J. L. Beltz, The Thew Shovel
Co.: H. W. Furtey, The Warner & Swascy Co.; Lloyd
R. V.vian, Ditzler Color Co.: Tom Moule, Ralph L.
Wolfe & Associates, Inc.: M. W. Da'las, E. C. Atkins
Co.: B. C. O'Brigh, Roots-Connersville, Blower Con. Vol. 6 Associates, Inc., Mr. W. Dalas, E. C., Arking G. Co.; B. C. O'Brien Roots-Connersville Blower Corp.; Richard F. C'Mara. Western Precipitation Corp.; Martin R. Kiltten, The McCarthy Co.; Frank W. Pensinger, Landis Tool Co.; F. S. Foltz, Foltz-Wessinger. tin R. Kiltten, The McCarthy Co.; Frank W. Pensinger, Landis Tool Co.; F. S. Foltz, Foltz-Wossinger, Inc.; P. C. Ritchie, Waukesha Mator Co.; Arnold J. Andrews Bucyrus-Eric Co.; F. A. McLean, Canadian Indestroll-Rand Co., Ltd.; D. W. Kelley, Canadian Industries, Ltd.; Richard S. Hayes, The Okonite Co.; F. H. Pinkerton, United States Rubber Co.; Robert J. Barbour, The Bakelite Corp.; Keith B. Lydiard, Alan Bridgeman Sanger; Douglas C. Miner, E. F. Houghton Co.; R. E. Lovekin, R. E. Lovekin, Corp.; David A. Wolff, Edwin L. Wiegand Co.; Edmund D. Kennedy, Copperwald Steel Co.; E. L. Mathy Victor Equipment Co.; R. T. Reinhardt, California Corrugated Culvert Co.; Clifferd F. Boyer, Kwick-Kut Mfg. Co., Inc.; Antheny Noher, Cintury Ejectric Co.; Allen P. Colby, The National Supply Co.; Philip Linne, Owens-Corning Fibergias Corp. T. S. Glover, Bussell T. Kelley, Ltd.; John A. M. Galilee, Canadian Westinghouse Co., Ind.; E. V. Creigh, American Chain & Cable Co., Inc.; Corge B. Wright, Nash Engineering Co.; Paul L. Callahan, Truscon Steel Co.; L. H. Taylor, The Deming Co.; C. D. Davenport, Union Steel Products Co.; C. M. Buchanan, Van Sant, Dugdale & Co. FUNCTIONS

This organization is a trade association devoting its efforts exclusively to the advancement of industrial advertising and marketing technique and practice.

#### National Television Systems Committee

PERSONNEL

Dr. W. R. G. Baker (General Electric Co.: Adrian Murphy Committeeman (Columbia Broadcasting System)

Harry R. Lubcke Committeeman (Dan Lec Broadcasting System)

Man Lec Broadcasting System)

Man B. DuMont

Committeeman. Allen B DuMont Laboratories Inc. B Ray Cummings Farnsworth Television & Radio Corp.)

Committeeman E. F. W. Alexanderson (General Electric Co.) Committeeman	Pacific Advertising Clubs Association 215 Bank of Commerce Bldg., Oakland, Calif. TEmplebar 5181
CommitteemanJohn V. L. Hogan	OFFICERS President
(WQXR, New York, N. Y.) Committeeman	(Lord & Thomas) Senior Vice-President
(Hughes Tool Co.)  Committeeman	(Foster & Kleiser Co.)
Committeeman David B. Smith	Secretary-Treasurer
1Philo Corp.1  Committeeman E. W. Engstrom	(Káy's Advertising Mail) V-P District 1
(Radio Corp. of America)  Committeeman	(McCandlish Lithograph Co.) V-P District 2
(Stromberg-Carlson Telephone Mfg. Co.)  CommitteemanJohn R. Rutland (Zenith Radio Corp.)	(Salt Lake City Tribune-Telegram) V-P District 3
SURCOMMITTEE CHAIRMAN	(Portland Oregonian)  V-P District 4Jack Leatherman
Subjective Aspects A. N. Coldsmith	(Blake, Moffitt & Towne) V-P District 5
System Analysis P. C. Goldmark Subjective Aspects A. N. Goldsmith Television Spectre J. J. E. Brown Transmitter Power E. W. Engstrom Transmitter Characteristics B. R. Cummings	(KOY, Salt Lake City) Vice-President-At-Large
	Director
Picture Resolution D. E. Harnett Synchronization T. T. Goldsmith Radiation Polarization D. B. Smith	Chairman Junior Division
•	This Association is composed of advertising and sales clubs in the states of California, Washington,
National Variety Artists, Inc. 225 W. 46th St. New York, N. Y. COlumbus 5-2638	Oregon, Utah, Nevada, Arizon aand Idaho and Van- couver, B. C. Convention is held annually.
OFFICERS	George Foster Peabody Radio
President Louis Handin First Vice-President Al Edwards	Awards Board
First Vice-President Al Edwards Second Vice-President Billy Gould	c o Board of Regents, University System of Georgia,
Treasurer William Marble DIRECTORS	Athens, Ga. PERSONNEL
Joseph McInerney, Charles H. Preston, Jack Boyle, Joe Verdi, Nick Elliott. Charles Johnson, Harry Brooks,	Dr. S. V. Sanford. University System of Georgia; Bruce Barton, Batten, Barton, Durstine & Osborn; John
Lester Rose, John Connery. FUNCTIONS	<ul> <li>H. Benson, American Association of Advertising Agencies; Virginius Dabney, Richmond Times Dispatch;</li> </ul>
The function of National Variety Artists, Inc., is to promote Americanism and fraternal and welfare activities among the members of the theatrical profession.	Norman H. Davis, American Red Cross; Jonathan Dan- iels, Raleigh News & Obscrver: Mark F. Ethridge, Louisville Courier-Journal & Times; Waldemar Kaempf- fort, New York Times; Alfred A. Knopf; Dr. John W.
Nebraska Broadcasters Association Secretary's Office: c o WJAG, Norfolk, Nebr.	Studebaker, U. S. Office of Education; Marjorie Pea- body Waite; Edward Weeks, Atlantic Monthly; Grace Moore.
Phone: 432 OFFICERS	Professional Music Men, Inc.
President W. I. LeBarron	1270 Sixth Ave., New York, N. Y. Circle 7-6075
Vice-President	OFFICERS President Rocca Vocco
Secretary-Treasurer	President Rocca Vocco First Vice-President Joseph Santly
DIRECTORS  John Gillin, Jr., WOW, Omaha; Vernon H. Smith,	First Vice-President Joseph Santly Second Vice-President Charles Warren Third Vice-President Solly Cohn
KOWH Omaha	Treasurer
MEMBER STATIONS KFAB, Lincoln; KFOR, Lincoln; KGFW, Kearney; KCKY, Scottsbulff, KGNF, North Platte; KMMJ, Grand	Recording Secretary Louis E. Schwartz Sergeant-at-Arms David Kent
island; KUKN, Fremont; KUWH. Omaha; KOIL, Oma-	Executive Director
ha; WJAC, Norfolk; WOW, Omaha.	54 West Randolph St., Chicago, III. Regional Director
North Carolina Association of Broadcasters	6425 Hollywood Blvd., Hollywood, Calif. Regional Director
President's Office: c o WPTF, Raleigh, N. C.	11 Lewis Street, Somerville, Mass. Regional Director
OFFICERS President	316 Porter St., Philadelphia, Pa. Regional Director
Vice-President (WAIR, Winston-Salem) George Walker	Professional Music Men, Inc., is a benevolent and charitable organization of people engaged in promot-
Secretary (WMIR, Wilston-Salem)  Richard A. Dunlea  (WMFD, Wilmington)	ing music as professional music men.
Treasurer	Pennsylvania Broadcasters
FUNCTIONS This association coordinates the association of the	Association
This association coordinates the activities of all member stations in connection with problems in which they have a mutual interest.	P. O. Box 11, Harrisburg, Pa. OFFICERS
•	President

Vice-President	(WEEU,	Reading)		,
Secretary			C. 0	a. Moss
Treasurer	(WCAU, P	Harrisburg) 	Or. Leo	n Levy

Kenneth Brennen, WJAS, Pittsburgh; George by, WRAK, Williamsport; Arthur Simon, WPEN, Ĵοy, Philadelphia.

**FUNCTIONS** 

This organization is a mutual association of the broadcasting stations of Pennsylvania, formed for the purpose of conducting business negotiations concerning matters of interest to the radio broadcasting stations of the state. Its membership is active on the part of practically every station in the state.

The Proprietary Association
701 Oris Bldg., 810 Eighteenth St., N. W.,
Washington, D. C. National 1914

. . Charles S. Beardsley President... ....W. W. White First Vice-President.......

(Emerson Drug Co.) ....H. H. Hoyt

(Syracuse Medicine Co.)

Dr. F. J. Cullen ... Charles P. Tyrrell Secretary-Treasurer...

Executive Vice-President..... Rogers, Ramsay & Hills Counsel........

possible with other advertising problems. Members are turnished with digests of FTC Cease and Desist orders or Stipulations issued against advertising in the proprietary field.

#### The Radio Club of America, Inc.

11 W. 42nd St., New York, N. Y. LOngacre 5-6622

**OFFICERS** 

J. K. Henney
J. L. Callahan
...C. E. Dean
.C. F. Goudy
J. J. Stantley President Vice-President
Corresponding Secretary Recording Secretary.... Treasurer..... **FUNCTIONS** 

Object of the club is the promotion of cooperation among those interested in scientific investigation and amateur operation in the art of radio communica-

#### Radio Correspondents' Association

United States Capitol. Washington, D. C. NAtional 3120, Extension 1410

**OFFICERS** .....Albert Warner .....W. R. McAndrew President Secretary.... . Fred Morrison Treasurer. Stephen McCormick Ex-Officia Member, Executive Committee

Fulton Lewis

**FUNCTIONS** This is an organization of radio news reporters and correspondents in the National Capitol, gathering daily news for dissemination through the medium of radio. It controls the membership of the Senate and House radio galleries and is vested with complete responsibility for any radio representatives who aftend news conferences at the White House or government as well as providing facilities for radio newsmen at national political conventions.

#### Radio Council On Children's Programs

9 Rockefeller Plaza, New York, N. Y. Circle 6-8430

**OFFICERS** 

Dr. Alice B. Keller, Wilson Parkhill, Rita Hockheimer, Dr. Paul Lazarsfelder, Mary Gould Davis.

#### Radio Manufacturers Association

1317 F Street, N. W., Washington, D. C. OFFICERS

...J. S. Knowlson Stewart-Warner Corp.) Executive Vice-President-General Manager Bond Geddes Paul V. Galvin Vice-President (Galvin Manufacturing Corp.) Vice-President .. Roy Burlew (Ken-Rad Tube & Lamp Co.) .....H. E. Osmun (Centralab) Vice-President..... . Donald MacGregor

(Webster-Chicago Corp.) (The Muter Co.) Treasurer......

(Buffalo, N. Y.) General Counsel

(Buffalo, N. Y.)
DIRECTORS

Ben Abrams. Emerson Radio & Phonograph Corp.;
Powel Crosley, Jr., The Crosley Radio Corp.; Octave
Blake, Cornell-Dubilier Electric Co.; James C. Daley,
Jefferson Electric Co.; B. G. Erskine, Hygrade Sylvania Corp.; Jerome J. Kahn, Standard Transformer
Corp.: James S. Knowlson, Stewart-Warner Corp.;
Ernest Searing. International Resistance Co.; H. E.
Cosmun, Centralab; Donald MacGregor, Webster-Chicago Corp.; Ray H. Manson, Stromberg-Carlson Tel.
Mfg. Co.; H. C. Bonfig, RCA Mfg. Co.; E. A. Nicho-las, Farnsworth Television & Radio Corp.; G. W.
Thompson Noblitt-Sparks Industries, Inc.; P. S. Billings, Belmont Radio Corp.; P. V. Galvin, Galvin
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Production Corp.; James T. Buckley, Philadelphia Storage Battery Co.; Ernest Alschuler, Electric Research
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Co.; Roy Burlew, Ken-Rad Tube & Lamp Corp.; A. H.
Gardner, Colonial Radio Corp.; A. S. Wells,
Gardner & Co.
Honorary Directors: Hebert H. Frost, A. Atwater
Kent, Paul B. Klugh. DIRECTORS

#### Radio Manufacturers Association of Canada

159 Bay St., T Adelaide 1531 Toronto, Ont., Canada

OFFICERS President..... (RCA Victor Co.) Vice-President.... Chairman of Engineering Committee ... Allan B. Oxley
(RCA-Victor Company)
FUNCTIONS
This association is

This association is a non-profit and cooperative organization founded in 1926 to promote all interests of radio industry.

#### The Radio Writers' Guild of the Authors' League of America, Inc.

6 E. 39th Street, New York, N. Y. MUrray Hill 5-6930 1655 N. Cherckee Ave., Hollywood, Calif. Giadstone 4131

OFFICERS

National President Forcest Barnes Katharine Seymour Vice-Picsident, Eastern Region. Vice-President, Middle Western Region

Courtenay Savage Vice-President, Western Region ... Assistant Secretary, Eastern Region ....Luise Sillcox

Margaret Scheuerman Assistant Secretary, Western Region . Pauline Lauber FUNCTIONS

The Guild is one of the Guilds of The Authors' League of America, Inc. The Guild is primarily a protective organization for writers in the radio field.

#### Society of European Stage Authors and Composers, Inc. (SESAC)

113 W. 42nd St., New York, N. Y. BRyant 9-3223

**OFFICERS** 

FUNCTIONS Faul Heinecke President ...

Licensing use of copyrighted music.

#### Society of Jewish Composers, Publishers and Song Writers

152 W. 42nd St., New York, N. Y. LOngacre 5-9124

OFFICERS President Sholom Secunda
Vice-President Rev. Pinchus Jassinowsky
Secretary Alexander Olshanetsky
Secretary FUNCTIONS
This association Formation

This association licenses public performance rights of music copyrighted by its members and on which they collect royalties. Association owns approximately 95 percent of the Jewish compositions.

#### Society of Motion Picture Engineers

Hotel Pennsylvania. New York, N. Y. PEnnsylvania 6-0620 OFFICERS

E. A. Williford fresident Past Fresident Fast resident H. Gritfin Engineering Vice-President D. E. Hyndman Editorial Vice-President A. S. Dickinson Convention Vice-President W. C. Kunzmann Secretary P. J. Larsen Treasurer COVERNORS Executive Vice-President .H. Griffin GOVERNORS

M. C. Batsel, A. C. Hardy, A. N. Coldsmith, L. L. Ryder, T. E. Shea, R. O. Strock, J. G. Frayne, BRANCH OFFICE

928 Equitable Bldg., Los Angeles, Calif. 

In addition to its motion picture activities, this association is actively interested in television. It publishes a monthly organ in which various subjects are discussed by men in the industry.

#### Song Writers' Protective Association (SPA)

1250 Sixth Avc., New York, N. Y. CClumbus 5-3758 OFFICERS

President..... ... Irving Caesar Vice-President.....L. Wolfe Gilbert

	cc-President				
Secretary				Fred E.	Ahlert
Chairman	of Council	(	Oscar h	lammerste	in, 2nd
Executive	Secretary			Lillian	Lange
	BRAN	CH O	FFICE		

6912 Hollywood, Calif. ... L. Wolfe Gilbert West Coast Representative

FUNCTIONS Song Writers' Protective Association aims to foster the interests of all persons engaged in writing musical compositions. By cooperative effort it seeks to eliminate inequitable conditions and harmful practices and to assist members when disputes arise over enforcement of contracts or the collection of royal-

#### Texas Inter-Collegiate Broadcasters' Council

c-o Texas State Network, 1201 W. Lancaster Ave., Fort Worth, Texas

OFFICERS

President-Coordinating Chairman. Forrest W. Clough VICE-CHAIRMEN
Sara Lowrey, Baylor University: Dr. A. L. Boeck,
Texas Christian University: Dr. S. D. Myres, Southern Texas Christian ..... Methodist University. FUNCTIONS

The chief purpose of the Texas Inter-Collegiate Broadcasters' Council is to arrange an extensive series of Texas State Network Broadcasts for adult listeners.

#### Western Association of Broadcasters c-o Radio Station CJOR, 846 Howe St., Vancouver,

B. C., Canada **OFFICERS** 

CJOR, Vancouver, B. C.) President ...

DIRECTORS

H. C. Bunchanan, CHAB, Moose Jaw, Sask.; R. A. White, CFJC, Kamloops, B. C.; V. F. Neilsen, CFAC, Calgary, Alberta; G. R. A. Rice, CFRN, Edmonton,

CANADIAN ASSOCIATION OF BROADCASTERS

DELECATES
H. G. Love, CFCN, Calgary, Alberta; H. R. Carson, CFAC, Calgary, A'berta; G. C. Chandler, CJOR, Vancouver, B. C.

**FUNCTIONS** Western Association of Broadcasters is a trade association of broadcasting stations in Manifeba, Saskatchewan, Alberta and British Columbia, closely affiliated with the Canadian Association of Broadcasters. It is virtually a western division of the latter organization, as all members are in both associations.

#### Woman's National Radio Committee

113 West 57th St., New York, N. Y. Circle 7-4110

OFFICERS ..... Mme. Yolanda Mero-Irion Chairman Chairman Mrs. Marion M. Miller Second Vice-Chairman Mrs. Edith Lowry Secretary. Miss Helen Havener
Treasurer. Mrs. D. Leigh Colvin
Executive Secretary Miss Ruth Rich
Chairman, Publications Committee Mrs. M. D. Jackson
Members-at-Large Mrs. Benjamin Spitzer
Mrs. E. C. Lewis, Mrs. Samuel Kubie, Mrs. Sidonie Gruenberg **FUNCTIONS** 

This committee has for its purpose to raise the standard of radio programs for adults, young people and children by: (1) retaining on the air the finer type of program; (2) removing objectionable features: (3) improving advertising content of broadcasts; (4) encouraging the production and presentation of more fine programs, worthwhile from the educational, cultural and entertainment viewpoint.



# THE LEGAL SIDE



Seventy-Sixth Congress Legislative Digest—1940

Federal Communications
Bar Association

## LEGISLATIVE DIGEST

Digest of Radio Legislation Introduced Into The Senate and House of Representatives During The Seventy-Sixth Congress, from September 21, 1939, to September 30, 1940.

#### SENATE

S. 547. Mr. Lodge; January 12, 1939 (Patents).

As passed by Senate June 13, 1939:

Approved March 15, 1940: Public Law No. 434.

Permits an author who has contributed to a periodical, a cyclopedic or other composite work, whether such contribution was separately registered or not, to obtain a renewal copyright for 28 years. (Under present law [U. S. C. 17:23] such contribution must have been separately registered.)

S. 915. Mr. Logan; January 24, 1939 (Judiciary).

As passed by Senate, November 27, 1940. See House of Representatives Bill No. 6234.

S. 2611. Mr. Wheeler: June 15, 1939 (Interstate Commerce).

As passed by Senate July 18, 1939:

Approved June 24, 1940; Public Law No. 649.

Authorizes the Federal Communications Commission to purchase land, etc., in Massachusetts and to erect thereon a radio-monitoring station.

S. 2689. Mr. Bone; June 23, 1939 (Patents). As passed by Senate August 1, 1939; Approved April 11, 1940; Public Law No. 450.

Requires the Secretary of the Treasury and the Postmaster General individually or jointly (at present, jointly) to make and enforce rules, etc., to prevent importation (at present, limited to the mails) of articles in violation of the copyright act.

S. 3018. Mr. Walsh: November 3, 1939 (Naval Affairs).

Approved June 25, 1940; Public Law No. 659.

Amends Sec. 210 of the Communications Act of 1934 (U. S. C. 47: 210), so as to permit communication utilities to contribute free services to any agency of the Government in preparation for the national defense.

3. Mr. Thomas of Utah; January 8, 1940 (Patents).

This is a general revision and consolidation of the copyright laws bringing them into conformity with the International Copyright Convention of June 2, 1928. A few of the more important provisions follow: (1) Copyright protection is based on creation of a literary or artistic work while registration and deposit are made permissive; (2) duration shall be for the life of the author and 50 years after his death; (3) grantees of rights in copyrighted works are protected from infringement and may sue therefor in their own names; (4) provides for recodation of grants to use a copyrighted work; and (5) secures the author's reversionary interest in cases of grants not on the basis of continuing royalties.

Mr. Pepper; March 4, 1940 (Interstate Commerce).

Requires notice of an application for a radio station license under the Communications Act of 1934 [U. S. C. 47: 309] to be published once a week for four consecutive weeks in a newspaper of general circulation in the locality of the proposed station. During such publication period a public hearing will be held if requested.

Mr. Bailey; March 5, 1940 (Interstate Commerce).

Amends the Communications Act of 1934 [U. S. C. 47: ch. 5, title III] mainly as follows: to provide for the protection of persons from governmental abridgement or interference with liberty of expression; to prohibit the President assigning a frequency to a government station which will cause objectionable interference with a licensed station; to grant licenses to broadcasting stations for not less than 3 years nor more than 10 years; to place the burden of proving the truth of its charges in revoking a license on the Commission; and to prohibit the revocation of a license, because of the character or contents of the program. 5. Mr. Barbour; April 10, 1940 (Interstate Commerce).

Prohibits the Federal Communications Commission from regulating radio experimentation, research, or development, or the manufacture, sale, or use of radio apparatus for transmission or reception, or the business policies of radio broadcasters [amending U. S. C. 47: 326].

#### HOUSE OF REPRESENTATIVES

H. R. 926. Mr. Daly; January 3, 1939 (Patents). (See H. R. 6160.)

1. Miscellaneous amendments to the copyright provisions of the code (act of Mar. 4, 1909; U. S. C. title 17), so that the law will conform more closely to the pending international convention for protection of literary and artistic works, and protect more fully literary and artistic efforts disseminated by recent scientific inventions—motion pictures, radio, telegraphy, television, and other means of transmission. Some of the more important provisions to this end:

(a) Protect dramatico-musical works, artistic models and designs, geographical charts, and architectural designs, as well as composite works or periodicals (as though each part or contribution were individually copyrighted in the

author's or owner's name).

(b) Extend the copyright protection now accorded nationals of the United states to authors within the jurisdiction of any country a party to the Convention for Protection of Literary and Artistic Works and to no other alien authors unless such persons are domiciled in United States at time their works are produced or unless they are nationals of a country granting reciprocal privileges to American authors.

(c) Permit the author of unpublished writings, drawings, designs, etc., by depositing copies, models, or prints of such work to acquire copyright privileges.

(d) Provide that copyrighted material in the English language, if distributed in the United States, shall be printed from type set, plates made, or process performed within the limits of the United States, except books with raised characters for the use of the blind.

(e) Define what shall constitute adequate copyright notice.

(f) Allow maximum liquidated damages of \$20,000 (now \$5,000) to prevent continued infringement but limit such recovery against newspapers to \$200.

(g) Prohibit importation of piratical copies of works copyrighted in United States, of falsely copyrighted material not copyrighted in United States, or of foreign editions of works in the English language when there has been an authorized American edition already published or in the process of being published.

(h) Establish more specific regulations governing assignment, divisibility, mortgage, license, and ownership of copyright privileges and retention of claims of authorship after assignment with right of author to object to mutilation or rejudicial changes in his works except for necessary editing, arranging, or adapting of such works for use on the radio, motion-picture screen, etc.

2. Requests President to take necessary steps to make United States a member of the Union for Protection of Literary and Artistic Works.

H. R. 6160. Mr. McGranery; May 4, 1939 (Patents).

General amendments to the copyright law—mainly similar to H. R. 926, except that section 1 (e) of the law is amended to eliminate the compulsory license and royalty provisions thereof in regard to the reproduction of musical works, and except that a new subsection is added to provide copyright protection of an artist's rendition of a musical work.

H. R. 6324. In Senate, read twice and placed on calendar April 22, 1940.

Requires all administrative rules and regulations issued by a government department or agency, which implement or fill in the details of a statute affecting the rights of persons or property, to be published in the Federal Register and such rules and regulations shall not become effective until so published. Persons affected by existing rules may petition the head of the agency for a reconsideration thereof, and such head, after notice and hearing, shall determine whether such rules shall be continued in force, modified or rescinded. Persons committing acts in good faith in conformity with a rule which has been rescinded shall not be penalized therefor unless such act was committed more than 30 days after the recession of the rule was published in the Federal Register. Restricts the hearing by an agency of a controversy seeking affirmative relief against the United States which arose more than 1 year prior to the filing of a request for such hearing.

Authorizes the United States Court of Appeals for the District of Columbia, on petition within 30 days after publication of rules in the Federal Register, to determine whether such rule is in conflict with the United States Constitution or statutes. The court shall have no power except to render a declaratory judgment holding the rule valid or invalid. This shall not affect the determination of the validity of any rule involved in any suit or review of an administrative decision

or order in any United States court.

Sets up intradepartment or agency boards composed of three employees to hear the claims of persons aggrieved by decisions, acts, or failures to act. Persons having a substantial interest in the controversy shall have the right to intervene. The Board shall render its decision within 30 days after the hearing, and such decision shall be subject to the written approval, disapproval, or modification of the agency or department head. Where the delay of a hearing is contrary to the public interest, and action or inaction takes place which results in damage to the aggrieved person, the Board shall in its decision, state the amount of pecuniary damage, which, if approved by the department or agency head and the person aggrieved, shall be certified to the Congress for an appropriation with which to pay the same. It may be provided that matters arising out of the activities of any independent agency may be heard and determined in the first instance by a trial examiner; rehearing before the agency members or a board may be demanded.

Parties aggrieved by the final decision of the department or agency may petition the Circuit Courts of Appeals (or the Court of Claims if the cause is one within its jurisdiction) for a review thereof, and such decision shall be set aside if it appears; (1) that the findings of fact were clearly erroneous or not supported by substantial evidence; (2) that the decision was not supported by the findings of fact, was issued without due notice and hearing, was beyond the jurisdiction of the department or agency, infringed the Constitution or statutes, or was otherwise contrary to law. Judgments of such courts shall be final but may be reviewed on certification, or certification to the Supreme Court under U. S. C. 28, 346, 347. Damages may be assessed where the decision of the department or agency is affirmed and it appears that the petition was filed merely for delay.

The right of any person to have his controversy with the United States determined by the district or circuit courts, as now provided by law, shall not be repealed or modified by this act, nor shall this act affect matters relating to the conduct of the military or naval establishments, various government departments or agencies and trademark, copyright, etc.

H. R. 7863. Mr. Bland; January 12, 1940 (Merchant Marine and Fisheries). Approved March 18, 1940; Public Law No. 441.

Extends from December 31, 1939, to January 1, 1941, the time within which the Federal Communications Commission shall report to Congress upon the radio requirements for ships on the Great Lakes and inland waters.

H. R. 8263. Mr. O'Brien; February 1, 1940 (Patents).

The amount of damages recoverable for infringement of copyright of musical compositions played in hotels or restaurants not charging an entrance or cover fee is limited to \$10 except where greater damages are shown.

- H. R. 8509. Mr. Ditter; February 16, 1940 (Interstate and Foregn Commerce). See Senate Bill No. 3515.
- II. R. 9665. Mr. Clason; May 6, 1940 (Patents).

The amount of damages recoverable for infringement of copyright of musical compositions played in hotels or restaurants not charging an entrance or cover fee is limited to \$10 except where greater damages are shown.

H. R. 10205. Mr. Bland; July 11, 1940. Passed by House, August 19, 1940.

Amends § 4 (f) of the Communications Act of 1934 so as to provide overtime compensation for inspectors in charge and radio inspectors of the Field Division of the Engineering Department of the Federal Communications Commission.

H. R. 10446. Mr. Izac; September 3, 1940 (Interstate and Foreign Commerce).

Amends the Communications Act of 1934 [48 Stat. 1064], by prohibiting the issuance of radio licenses to operators of any station on any ship of the United States who are or have been members of the Communist Party, the German-American Bund, or an organization subject to foreign control which engages in political activity, i.e., its aim is the establishment, control, conduct, seizure, or overthrow of the Government, its membership is limited to non-citizens or a majority thereof, it accepts financial support directly or indirectly from a foreign government, and its policies are determined by or in collaboration with a foreign government.

H. J. Resolution 585. Mr. Dingell; July 25, 1940 (Judiciary). Designates August 26, annually, as National Radio Day.

# FEDERAL COMMUNICATIONS ☆ BAR ASSOCIATION ☆

Headquarters: 921 Tower Bldg., Washington, D. C.

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ALBERTSON, FRED W. Munsey Building Washington, D. C.

ASHRY, A. L. 30 Rockefeller Plaza New York, N. Y

RAILEY, CLYDE S. New Post Office Bldg Washington, D. C.

BALDWIN, JAMES W. National Press Bldg. Washington, D. C.

RASTIAN, WALTER M. National Press Building Washington, D. C.

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Doscher Building
Sweetwater, Texas

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BRACELEN, CHARLES M. 195 Broadway New York, N. Y.

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BRADY, JOHN B.
Barrister Bldg.
Washington, D. C.

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CALDWELL, LOUIS G. National Press Bldg. Washington, D. C.

CALLAHAN, LEONARD DAVID 113 West 42nd St. New York, N. Y.

CALLISTER, REED E. 650 So. Spring St. Los Angeles, Calif.

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# THE EDUCATIONAL AND CULTURAL SIDE



National Association of Educational Broadcasters

Colleges and Universities Offering Courses in Radio

**Non-Commercial Stations** 

F.C.C. Regulations

# NATIONAL ASSOCIATION OF EDUCATIONAL BROADCASTERS

As	of	January	1.	1941
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Call Letters	Institutions	Address	Director
KFDY	S. Dak. State College	Brookings, S. D.	S. W. Jones
KFJM	Univ. of N. Dakota	Grand Forks, N. D.	D. R. Jenkins
KF <b>K</b> U	Univ. of Kansas	Lawrence, Kansas	Harold G. Ingham
KOAC	Oregon State College	Corvallis, Oregon	Luke L. Roberts
KUSD	Univ. of S. Dakola	Vermillion, S. D.	G. R. Bauer
KWSC	State College of Wash.	Pullman, Wash.	Kenneth E. Yeend
WBAA	Purdue University	Lafayette, Ind.	Gilbert D. Williams
WCAL	St. Olaf College	Northfield, Minn.	M. C. Jensen
WCAT	S. Dakota School of Mines	Rapid City, S. D.	C. M. Rowe
WESG	Cornell University	Ithaca, N. Y.	Wilmer S. Phillip
WHA	Univ. of Wisconsin	Madison, Wis.	H. B. McCarty
WHAZ	Rensselaer Poly.	Troy, New York	W. J. Williams
WILL	Univ. of Illinois	Urbana, III.	Jos. F. Wright
WNAD	Cklahoma University	Norman, Okla.	Homer Heck
WNYC	City of New York, Municipal Broadcasting Syste	New York, N. Y.	M. S. Novik
woi	Iowa State College	Ames, Iowa	W. I. Griffith
wosu	Ohio State University	Columbus, Ohio	R. C. Higgy
WRUF	Univ. of Florida	Gainesville, Fla.	Garland Powell
WSAJ	Grove City College	Grove City, Pa.	H. W. Harmon
wsui	State Univ. of Iowa	Iowa City, Iowa	Carl Menzer
WRUL & WRUW	World Wide Broadcasting Foundation	Boston, Mass.	Walter S. Lemmon
	Cleveland College	Cleveland, Ohio	Gazella P. Shepherd (Mrs.)
	University of Kentucky	Lexington, Ky.	Elmer G. Sulzer
	University of Michigan	Ann Arbor, Mich.	Waldo Abbot
	Western State Teachers College	Kalamazoo, Mich.	W. G. Marburger
	Indiana University	Bloomington, Ind.	Robert Allen
	Chicago Radio Council	Chicago, Ill.	Harold W. Kent
	University Broadcasting Council	Chicago, Ill.	Allen Miller
	Oklahoma Baptist University	Shawnee, Okla.	Ralph E. Matthews
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## EDUCATIONAL BROADCASTING DURING 1940

By

#### W. D. Boutwell

Chief, Division of Radio, ~ Publications and Exhibits of U.S. Office of Education, Department of Interior

PROGRESS of educational broadcasting in radio during the past year may be resolved into four divisions:

- 1. Technical developments of special advantage to education:
- 2. Work of the Federal Radio Education Committee, the Educational Radio Script Exchange, and U. S. Office of Education Radio Division:
- 3. Network contributions to education:
- 4. Noteworthy achievements of states, universities or other independent organizations.

#### Rise of FM

What will probably become the most significant development of educational radio in 1940 was the popular debut of FM. On May 20, two months after its public hearings, the Federal Communications Commission opened the ultra high frequencies from 43 to 50 megacycles for commercial FM broadcasting.

Education, intent on protecting the exclusive 41-42 megacycle band it had been allotted in 1938, was well represented at the March hearings. U. S. Commissioner of Education, John W. Studebaker, had written educational organizations before the hearings explaining the potential threat to the educational band, and the high percentage of response did much to

convince the industry that education would fight for its channels. Many persons in commercial radio also felt that a separate education broadcasting band was desirable if only because it would relieve them of some pressure from education groups who strove to secure broadcast of programs of non-commercial character.

The FCC in its decision on FM, therefore, continued the exclusive band, moving it up to 42-43 megacycles to adjoin the commercial channels.

This is not to say that commercial broadcasters want to get away from educational programs. But there is another broad field in educational broadcasting which the commercial stations cannot be expected to serve.

#### **Educational Outlets**

In broadcasting classroom subjects or carrying on other teaching functions, schools need their own broadcast stations. As a teaching aid radio has proved its value.

"Broadcasts from schools to homes greatly enhance facilities for adult education." Commissioner Studebaker says. "Persons over school age, shut-ins, and, to some extent, the blind, have at their radio dial ar opportunity to study in common with pupils in classrooms. In times of extremely bad weather, epidemics or other such emergencies which might temporarily close schools, classes may be carried on by radio without interruption.

"Still another advantage, especially important today, lies in helping to establish a closer bond of understanding between schools and the public. The American people have a right to know what subjects schools are teaching today and how they are tought. Schools can report on education's part in the national defense program and can show how schools are promoting the ideals of democracy and contributing to the preservation of the American way of life."

FM is going ahead. It is up to the schools to see that they are progressive enough to make full use of this new medium of education.

#### High Frequency

Cleveland's pioneer high frequency educational radio broadcast station, WBOE, operated by the Cleveland Board of Education, has completed its second year of broadcasts direct to the 156 receivers in Cleveland schools. In September, 1940. it was authorized by the Federal Communications Commission to change its type of transmission from amplitude to frequency modulation. San Francisco's Board of Education has received a construction permit for its proposed FM station, KALW. San Mateo, California, Junior College and Chicago's Board of Education have indicated that they will file applications soon. New York's school system, like Cleveland, has been operating a high frequency AM station and has applied for permission to change to FM.

The University of Kentucky is ready to begin regular broadcasts on WBKY, an AM high frequency station, which intends to broadcast educational programs to schools and community listening centers in rural Kentucky areas. WBKY is the only educational station planned or proposed which does not expect to use FM. Kentucky had built and installed more than 50 high frequency receivers AMin listening throughout rural areas on several counties just before the FM hearings and a change in the near future is improbable because of the expense.

Rensselaer Polytechnic Institute, Troy, N. Y., is reported to be building an FM station. The Universities of Illinois and Wyoming, and New River State College, Montgomery, W. Va., are collecting equipment, and an alumnus has offered the University of Michigan equipment for an FM station. Nearly a score more educational institutions and school systems are developing plans for a station in the educational band.

#### Script Exchange

Educational radio is able to take advantage of FM's popular debut because it has prepared for production of radio programs since 1936. The Educational Radio Script Exchange, founded in June

1936 as a division of the Federal Radio Education Committee, has issued its 4th edition catalog and supplement listing 746 scripts which are available on loan and which greatly reduce the difficulties of getting adequate broadcast material.

The Exchange has endeavored to meet needs related to the production and broadcast of educational programs with bulletins of advice on production and sound effects, a radio glossary, radio bibliography, and electrical transcriptions. It also has prepared a mimeographed list of 348 colleges and universities offering courses in radio.

During 1940 more than 1200 producing groups were known to have used the services of the Exchange an increase of more than 400 per cent since the first year, 1936, when 300 groups used its facilities.

Helping schools share their responsibility of training and teaching for defense is a catalog of 97 scripts especially selected because of their timeliness in the defense emergency.

The Exchange has also pioneered in making available transcriptions of educational programs. Just at the close of the year it arranged with the Public Relations Division of the Council of National Defense to distribute transcriptions of "How We Build Airplanes," broadcast over Mutual December 14, 1940. This was the first of a "Defense in Action" series of on-the-spot broadcasts showing the steps entering into production of an essential defense need.

Also under preparation were plans to distribute a transcription series on our civil liberties to highlight heritages of democratic life.

The first series in the Exchange's transcription library was "Americans All—Immigrants All," 24 half-hour transcriptions originally presented over the Columbia Broadcasting System by the U. S. Office of Education with the cooperation of the Service Bureau for Intercultural Education. "Help Yourself To Health," six programs recorded in cooperation with the Public Health Service, and several individual broadcasts are also available through the Exchange.

#### Radio Division

Since 1936 the U.S. Office of Education had been operating a radio project which wrote and produced a series of factual broadcasts over the major networks. Among the programs were "Brave New World," an appreciation of the history and culture of Latin America and forerunner to today's emphasis on Western Hemisphere cultural relationships; "Let Freedom Ring," a series on our civil rights; "Democracy in Action," the story of our Federal Government and how it works; "Gallant American Women," telling of women's contributions to our national life, and "Americans All-Immi-grants All," 26 episodes about the peoples who have joined to make America. which won four major awards in educational radio.

The radio project had been made possible through allocation of W.P.A. funds; the value of its contributions to radio is evidenced by the number of stations in the major networks which voluntarily carried the programs. "Democracy in Action," for instance, was regularly earried each Sunday afternoon by 104 outlets of the CBS chain. "Gallant American Women" was broadcast by 90 stations on NBC-Blue.

Of this group of outstanding programs only one series remains. It is "The World is Yours," which has brought research and discoveries of the Smithsonian Institution to the nation via NBC-Red for four years. When Congress wrote in a general limitation on the use of W.P.A. funds for radio and motion pictures the Smithsonian and NBC took over backing of "The World is Yours," with the Office of Education administering the programs. In November 1940 the time of this 4-year old program was changed from 4:30 p.m. Sunday to 5 p.m. Saturday. For the past two years scripts have been written by Irve Tunick from information provided by Smithsonian Institu tion specialists.

#### Library of Congress

The Rockefeller Foundation placed at the disposal of the Library of Congress the services of two Fellows in Radio Research whose first duty was to survey those resources of the Library which might be of service to educational broadcasting groups. They are Philip Cohen, former production manager of the U. S. Office of Education's radio project and associate director of the New York University Radio Workshop, and Charles T. Harrell, on leave as Program Director of University of Minnesota's radio station WLB. Jerome Wiesner, formerly engi-

neer of the University of Michigan radio studios, is engineering consultant through a grant of the Carnegie Corporation of New York.

Archibald MacLeish, progressive Librarian of Congress, has used them as a nucleus to form a Radio Research project in the Library. University broadcasting stations and other educational stations or groups throughout the country may apply to the Radio Research project for assistance in planning programs, in requesting background material and bibliographic and other supplementary information. The project should be of particular use in connection with programs drawing upon the rich resources of the Library of Congress in the fields of American history and of American folk music and folk tales.

Other chiefs in the project are Joseph Liss. Script Editor, and Alan Lomax, Consultant in Folk Lore. A studio to produce recordings and broadcasts has just been constructed in the Congressional library under Mr. Wiesner's supervision.

#### **Education Committee**

Much valuable research work of the FREC was coordinated during the year by Dr. Leonard Power, Director of FREC research. Among most important projects were study of cooperation among educators and broadcasters and of the preparation of teacher training courses in radio, Fruits of these and other research projects are shown in publications named follow.

Director of this project, centered at Columbia University, is Dr. Paul S. Lazarsfeld, who is accepted by educators and commercial broadcasters alike as a first-line authority on evaluating effectiveness of radio presentations. Dr. Lazarsfeld's findings in the operation of this project are set forth in a recently published book, "Radio and the Printed Page." summarized below.

#### Listening Groups

This project, directed by Frank Hill and sponsored by the National Advisory Council on Radio in Education, is surveying extent and influence of listening groups, many of which precede or follow "public service" broadcasts with forum discussions. A lateral study has been made in England by W. E. Williams of the British Institute of Adult Education, London. Reports by Mr. Williams and Mr. Hill are to be published soon by the Columbia University Press.

To determine the degree of effectiveness of the use of radio in the classroom and to help teachers become more familiar with educational uses of radio by

helping to point out desirable programs and by conveying to broadcasters, for their information and guidance, the reaction of pupils and teachers to specific educational broadcasts, are the two major divisions of the project being carried on at Ohio State University under direction of I. Keith Tyler.

The project is also examining out of school listening by high school children and the effects of such listening. It is hoped that data from this project may be helpful to broadcasters in planning in the future more effective programs for education, especially for children.

The separate studies fall into three broad classifications: First is the community study in progress in Zanesville, Ohio, selected as a typical American community. Another classification covers an investigation of the application of radio to specific courses in certain high schools—the teaching of English in Rochester, of music in Cleveland, and of science in Chicago; the third is an analysis in the use of electrical transcriptions available to schools.

#### Summer Conferences

Among significant factors contributing to radio's murch toward fuller development as an educational instrument were the 13 conferences held during the summer in colleges and universities throughout the country under auspices of the FREC.

Approximately 3,000 educators, broadcasters and laymen attended the conferences, and a summery report prepared by Dr. Leonard Power, Coordinator of Research, reveals current trends in educational radio.

Besides Dr. Power, conferences were attended by Dr. I. Keith Tyler, Dr. Norman Woelfel, and Dr. R. R. Lowdermilk, of the Evaluation of School Broadcasts research project and by Dr. Paul S. Lazarsfeld of the Office of Radio Research

The conferences afforded opportunity for school educators and others concerned with radio education to meet with experts who conducted research projects and to explore with them various aspects of research activities which were of special interest. Informal discussion of such work and conclusions reached through them afforded an opportunity for the researchers to amplify and qualify their conclusions. In the light of the rather turbulent history of educational radio prior to the last four or five years, the spirit of cooperation which dominated the conferences and the joint striving of broadcasters and educators toward common goals constitutes one of the notable achievements of the FREC

#### Conclusions

Overall conclusions reached by conferees:

1. Effective use of radio in education depends on proper ultilization. A few programs, well planned, properly organized and correlated, and produced with a high degree of professional skill are far more effective in enriching instruction than a much large number of programs not reflecting intensive planning and effort.

2. Teachers are coming to realize importance of out-of-school listening. Many make it their business to know every available educational program of merit, and they assume responsibility for guiding student selection by taking school time to develop standards of appreciation and discrimination.

3. Adults who have had to forego formal education but who would like to broaden their cultural background should have guidance in discriminating among radio programs. School children who have had such guidance show better discrimination than most adults.

Radio is the best medium to help out of school adults find cultural training because costs of concerts, lectures and books may be beyond means of many. To develop an audience among these adults, conferees suggested a plan for pooling interests of broadcasters and educators to merchandise programs designed for serious listening. Educators indicated they realize the necessity for including those elements of mass appeal which will induce acceptance of such programs by untrained adult listeners.

Several centers have requested that the conferences be held again this summer and indications now are that they will be.

#### FREC Publications

The FREC Bulletin, launched in November 1939, has been issued each month during 1940 and has provided information on research achievements and educational broadcasting in general. Included in its mailing list of 6,000 are all radio stations, colleges and universities offering courses in radio, State and city superintendents of schools, libraries, trade and educational journals, and individuals interested in educational broadcasting.

Local Cooperative Broadcasting—Emphasizes constructive solution of problems of corperation between education and the broadcast industry through description of examples of local, State, regional and national cooperation.

Teacher Training Syllabus—An aid to teachers of college radio courses. Drawn

up by a committee of FREC field research experts, under direction of Dr. Leonard Power, director of FREC research.

The Groups Tune In—Examines organi-

The Groups Tune In—Examines organization and motivation behind listening groups, their educational value, and how to establish and promote such groups. Written by Frank Hill.

College Radio Workshops — Study of four typical workshops at Syracuse University, Indiana State Teacher's College, University of Kentucky, and Drake University.

Forums on the Air — When, where, why, and how of radio forums from the

educational viewpoint.

Local Station Policies—Examination of outstanding example of effective serving of a community by its radio station, together with a general survey of cooperative broadcasting.

Radio and the Printed Page—Paul F. Lazarsfeld, director of the Columbia University FREC radio project, pointing out that individuals and groups in American society tend to listen rather than to real. evaluates radio broadcasts as a substitute for reading. Results of Dr. Lazarsfeld's research, much of which has been incorporated into this look, have been valuable to broadcasters in discovering what makes a broadcast effective.

#### NAB

The National Association of Broadcasters' Code of ethical and progressive broadcasting practices was drawn up and approved at the 17th Annual Convention of the NAB in July 1939 and went into effect in January 1940.

Included in the code is the following paragraph on educational broadcasting:

"While all radio programs possess some educative values, broadcasters nevertheless desire to be of assistance in helping toward more specific educational efforts, and will continue to use their time and facilities to that end, and, in cooperation with appropriate groups, will continue their search for improving applications of radio as an educational adjunct."

#### CBS School of the Air

Columbia Broadcasting System's leading educational radio program, American School of the Air, was extended during 1940 to cover Latin America as well.

CBS itself reports on this event:

"During 1940, 64 radio stations in Latin American nations were added to the Columbia Broadcasting System. Sixteen American nations and the Philippine Commonwealth either officially or through broadcast channels joined the School of the Air of the Americas—a new international, cultural institution which is geographically the world's largest educational organization. Many of the nations have appointed official committees which are already contributing material for inclusion in the broadcast.

After the programs are written, they are translated and supplied, without charge, to the participating nations.

#### **NBC's Educational Programs**

NBC appointed Dr. James R. Angell, formerly president of Yale University, as public service counsellor which, NBC reported, was a step toward a more thorough educational broadcasting program during 1940. Among presentations of educational value reported by NBC are:

University of Chicago "Round Table," American Education Committee's "Education Forum," "Man and the World," sponsored by American Museum of Natural History and Chicago Museum of Science and Industry; "Music and American Youth," by National Music Educator's Conference, "Town Meeting of the Air," Town Hall, Inc.; National Vocational Guidance Association's "On Your Job," and "The World Is Yours," sponsored by the Smithsonian Institution and U. S. Office of Education.

Experiments with recordings of educational broadcasts were conducted last spring by schools of Philadelphia, Pa., Elizabeth, N. J., and Greenwich, Conn., with NBC cooperation.

#### University Programs

State University of Iowa's radio station, WSUI, under direction of H. Clay Harshbarger, is housed in a new fourstory radio building at Iowa City. Building has complete broadcasting and station management facilities, including five studios.

One of the few full time educational stations, WSUI was among the first to own and operate its own station and has been a pioneer in broadcasting radio courses.

Following the lead of New York University, first higher institution to establish a four-year radio course, is the University of Alabama, which has established a complete radio curriculum. Director is John Carlisle, formerly in charge of production for CBS.

# COLLEGES AND UNIVERSITIES IN THE UNITED STATES OFFERING COURSES IN BROADCASTING

The alphabetical list that follows is the result of a project, executed by the Federal Radio Education Committee with the cooperation of the U.S. Office of Education, and intended to answer certain fundamental questions regarding colleges offering courses for training teachers in the preparation and utilization of radio programs and for giving training to persons who plan to choose broadcasting as a cocation. No attempt is made to evaluate the courses. The following code should be used to interpret the listings in this survey, the courses being indicated by letters as follows: (A) General Course in Radio, (B) Radio Program Planning and Production, (C) Education by Radio, (D) Radio Script Writing, (E) Radio Announcing (F) Radio Speech, (G) Radio Dramatics, (H) Radio Music, (I) Radio Station Management, (I) Radio Advertising, (K) Technical Courses in Radio. (L) Television, and (M) Radio Law.

Whenever credit hours were reported for any course, the number of hours will be found bracketed with the identifying letter of that particular course. For example, (D-2) (E) indicates a course in Radio Script Writing for which 2 credit hours are given and a course in Radio Announcing for which no credit hours were reported. The symbol (F and G-4) signifies that a course involving both Radio Speech and Radio Dramatics is offered with 4 hours of credit given. The symbol (K-varies) means that technical courses in radio are available for which credit hours vary. Included with each listing will be found the name of an instructor who is in charge of radio instruction. These persons should be consulted for further information. The asterisk before the name of the institution indicates that the school has its own broadcasting station and equipment.

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College Abilene Christian College, Abilene, Tex.			In Charge of Radio
Abilene Christian College, Abilene, Tex.	(D & F-3)		Mrs. A. B. Morris
Akron, University of, Akron, Ohio. (F-2	\$) <b>.</b>		O. A. Hitchcock
Alabama University of University, Ala			
Alabama College, Montevallo, Ala. (A-2			
Alabama Polytechnic Institute, Auburn,			
Adelphi College, Garden City, N. Y. (	B-3)		(not known)
Alliance Technical Institute, Cambridge	Springs, Pa.	(A-3)	F. Kowalko
Alma College, Alma, Mich, (K-3)			
Alma College, Alma, Mich. (K-3) American International Colloge, Springl	field. Mass.	(K-12)	
Antioch College, Yellow Springs, Ohio.	( <b>K-12</b> )		
Arizona, University of, Tucson, Ariz.	(K-3)		
Arkansas, University of, Fayetteville, A			
Armour Institute, 3300 Federal Street,	Chicago, III.	(K-4) (L	-4)
Asbury College, Wilmore, Ky. (F-2).			
Asbury College, Wilmore, Ky. (F-2). Asheville Normal and Teachers College	, Asheville, N	N. C. (C-2)	
Augustana College, Rock Island, III.	(A-2) (G)		
Augustana College, Sioux Falls, S. Dak.	(F) (G)	(E) (H)	
Aurora College, Aurora, III. (B-2)			
Baker University, Baldwin, Kans. (E-:	3)		Floyd K. Riley
Bard College, Annandale-on-Hudson, N.	Y. (K & L	8) (A-8)	Harold Hughes
Bates College, Lewiston, Me. (K-3).			
Baylor University, Waco, Tex. (A-3 1)			
Berry College, Mt. Berry, Ga. (K-2)			
Birmingham Southern College, Birmingha	am, Ala. (A-	· <b>3</b> 1	
Blue Ridge College, New Windsor, Md.	(G)		
Bob Jones College, Cleveland, Tenn.			
Boston College, Chestnut Hill, Mass. (			
Boston University College of Business A	Administration.	, Boston, Mas	S.,
(B-2) (D-2 (F-2) (G-2) (J-2).			
Bradley Polytechnic Institute, Peoria. II	l. (A-2) (I	<b>(-3</b> )	F. E. Dace
Briar Cliff College, Sioux City, Ia. (F-2	)		Sister Jean Marie

Bucknell University, Lewisburg, Pa. (K-3)	George A. Irland
Butler University, Indianapolis, Ind. (F-3) (K-6)	L. Grav Burdin
California, University of, Extension Division, Los Angeles, Calif. (B) (D) (G)	Margaret Wotten
California, Institute of Technology Pasadena Calif (K-18)	S S Mackeown
California, Institute of Technology, Pasadena, Calif. (K-18)	R G Faton
Capital University, Columbus, Ohio. (B-3)	Prof W C Craig
Carnegic Institute of Technology, Pittsburgh, Pa. (K)	Charles Williamson
Carroll College Wankesha Wis (F-2) (K)	V D Ratha
Carson Newman College Lofferson City Tenn (A-3)	Alay Chavis
Case School of Applied Science Claveland Object (K.17)	I P Mastin
Catholic University Washington D. C. (D.2) (E.2) (G.2) (M. unaign)	Pau G V Handia
Carson Newman College, Jefferson City, Tenn. (A-3)  Case School of Applied Science, Cleveland, Ohio. (K-12).  Catholic University, Washington, D. C. (D-2) (E-2) (G-2) (K-varies).  C. C. N. Y. School of Technology, New York, N. Y. (A-3) (K-3) Ale	wander H Wing Is
Contensive Junior College Harkottstaum N. L. (A.2)	Ellan C Canal
Centenary Junior College, Hackettstown, N. J. (A-2) Chicago, University of, Chicago, III. (A-3 1/3) (D-7) (F-3 1/3)	Ellen C. Crouch
Chicago, University of, Chicago, III. (A-3 1/3) (E-7) (F-3 1/3)	Snerman Dryer
Chicago Musical College, Chicago, III. (D) (E) (G) (H). Chicago School of Expression and Dramatic Art, Chicago, III. (A) (B) (D) (E) (G)	Chor known
Chicago School of Expression and Dramatic Art, Chicago, III. (A) (b) (b) (c)	Helen C. Esple
Cinciago Teacners Correge, Chicago, III. (B) (C-1) (D-3)	Lucila moskins
Chicago Teachers College, Chicago, III. (B) (C-1) (D-3)	W. C. Osterbrock
Cincinnati College of Music, Cincinnati, Onto. (B-4)	Uberto Neely
Cincinnati Conservatory of Music, Cincinnati, Ohio. (A) (D) (G) Citadel, The, Charleston, S. C. (A-6)	Hubert Kockritz
Cleal Callery Dubuses Is (A.2)	N. F. Smith
Clark College, Dubuque, Ia. (A-2)	(not known)
Clarkson College, Potsdam, N. Y. (K-varies).	J. L. Stiles
Clemson College, Clemson, S. C. (K-4)	Prof. A. B. Credle
Coe College, Cedar Rapids, Iowa. (A-4) (F)	J. Dale Welsch
College of St. Scholastica, Duluth, Minn. (A-2)	Sister Bernard
College of St. Theresa, Winona, Minn. (B) (G) (H)	ister M. Marcelline
College of Wooster, Wooster, Ohio. (A-8)	Earl W. Ford
Colorado College, Colorado Springs, Colo. (K-8)	Howard Olson
Colorado School of Mines, Golden, Colo. (K-12) Myron G. Pawley.	Raymond Dickinson
Colorado State College, Fort Collins, Colo. (A 3).	Frank P. Goeder
Colorado State College, Fort Collins, Colo. (A 3). Colorado State College of Education, Greeley, Colo. (A-4).	F. L. Herman
Colorado, University of, Boulder, Colo. (K-2½)	Herbert S. Evans
	,
Colorado Woman's College, Denver, Colo. (K-2)	Helen R. Robinson
Colorado Woman's College, Denver, Colo. (K-2)	Helen R. Robinson
Colorado, University of, Boulder, Colo. (K-2½). Colorado Woman's College, Denver, Colo. (K-2). Columbia College of Drama and Radio, Chicago, III. (B-2) (C) (D-2) (E-2) (F-2) (G-4).	Helen R. Robinson Norman Alexandroff
Colorado Woman's College, Denver, Colo. (K-2)	Helen R. Robinson Norman Alexandroff James C. Egbert
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(F-2) (G-4).  Columbia University, New York, N. Y. (A-2) (D-3)  Compton Junior College, Compton, Calif. (K-5) (G).  Concordia College, Moorhead, Minn. (A-2) (B-2) (K-3).  (A) (B) (D) (E) (F) (G) (1) (J) (M).  Connecticut State College, Storrs, Conn. (K-6).  Cornell College, Mount Vernon, Iowa. (A-3) (B-3) (D-3) (E-3) (G-3) (H-3).  Cornell University, Ithaca, N. Y. (A-2) (K-4).  Cornish School, The, Seattle, Wash. (A) (B) (D) (E) (F) (G) (I) (J) (M).  Creighton University, Omaha, Nebr. (B-3) (D-3).  Cumnock Junior College, Los Angeles, Calif. (F).  Curry School, 251 Commonwealth Ave., Biston, Mass. (F-2) (G-2).  Davidson College, Davidson, N. C. (K-4).  Dayton, University of, Dayton, Ohio. (G) (K-3).  Denison University, Granville, Ohio. (A-3).  Denver, University of, Detroit, Mich. (A-2) (F).  Doane College, Crete, Nebr. (A-4) (B) (G).  Dr. E.  Dodd College, Shreveport, La. (A-3).  Drake University, Des Moines, Iowa.  (A-2) (B-2) (D-4) (E) (G-2) (I-3) (J-2).  Note: Drake offers a major in radio.  Drexel Institute of Technology, Philadelphia, Pa. (K).  Dubuque, University, Durham, N. C. (K-7).  Duquesne University, Durham, N. C. (K-7).  Duquesne University, Duquesne, Pa. (B-6) (G-6).  East Central Teachers College, Ada, Okla. (A-2).	Norman Alexandroff James C. Egbert Jesse E. Hathaway Howard Nelson Donald MacLean R. B. Corbett Albert Johnson Chas. A. Tayler Donald MacLean Edwin Puls Josephine Dillon (not known) F. L. Jackson Prof. Louis Rose Richard H. Howe Roscoe K. Stockton E. A. McFaul Russell Wightman (not known)  Edwin G. Barrett R. G. Wilson W. J. Seeley Madeleine S. Foust D. J. Nabors
(F-2) (G-4).  Columbia University, New York, N. Y. (A-2) (D-3)  Compton Junior College, Compton, Calif. (K-5) (G).  Concordia College, Moorhead, Minn. (A-2) (B-2) (K-3).  (A) (B) (D) (E) (F) (G) (1) (J) (M).  Connecticut State College, Storrs, Conn. (K-6).  Cornell College, Mount Vernon, Iowa. (A-3) (B-3) (D-3) (E-3) (G-3) (H-3).  Cornell University, Ithaca, N. Y. (A-2) (K-4).  Cornish School, The, Seattle, Wash. (A) (B) (D) (E) (F) (G) (I) (J) (M).  Creighton University, Omaha, Nebr. (B-3) (D-3).  Cunnock Junior College, Los Angeles, Calif. (F)  Curry School, 251 Commonwealth Ave., Biston, Mass. (F-2) (G-2)  Davidson College, Davidson, N. C. (K-4).  Dayton, University of, Dayton, Ohio. (G) (K-3).  Denison University, Granville, Ohio. (A-3).  Denver, University of, Denver, Colo. (B-2!2) (D 2!2) (F-2!2).  Detroit, University of, Detroit, Mich. (A-2) (F).  Doane College, Crete, Nebr. (A-4) (B) (G).  Dr. E  Dodd College, Shreveport, La. (A-3).  Drake University, Des Moines, Iowa,  (A-2) (B-2) (D-4) (E) (G-2) (I-3) (J-2).  Note: Drake offers a major in radio.  Drexel Institute of Technology, Philadelphia, Pa. (K).  Dubuque, University of, Dubuque, Iowa. (A-4) (K 4).  Duke University, Durham, N. C. (K-7).  Duquesne University, Duquesne, Pa. (B-6) (G-6).  East Central Teachers College, Ada, Okla. (A-2).  Eastern Washington College of Education, Cheney, Wash. (K-2).	Norman Alexandroff James C. Egbert Jesse E. Hathaway Howard Nelson Donald MacLean R. B. Corbett Albert Johnson Chas. A. Taylor Donald MacLean Edwin Puls Josephine Dillon (not known) F. L. Jackson Prof. Louis Rose Richard H. Howe Roscoe K. Stockton E. A. McFaul Russell Wightman (not known) Edwin G. Barrett R. G. Wilson W. J. Seeley Madeleine S. Foust D. J. Nabors James S. Lane
(F-2) (G-4).  Columbia University, New York, N. Y. (A-2) (D-3)  Compton Junior College, Compton, Calif. (K-5) (G).  Concordia College, Moorhead, Minn. (A-2) (B-2) (K-3).  (A) (B) (D) (E) (F) (G) (1) (J) (M).  Connecticut State College, Storrs, Conn. (K-6).  Cornell College, Mount Vernon, Iowa. (A-3) (B-3) (D-3) (E-3) (G-3) (H-3).  Cornell University, Ithaca, N. Y. (A-2) (K-4).  Cornish School, The, Seattle, Wash. (A) (B) (D) (E) (F) (G) (I) (J) (M).  Creighton University, Omaha, Nebr. (B-3) (D-3).  Cumnock Junior College, Los Angeles, Calif. (F).  Curry School, 251 Commonwealth Ave., Biston, Mass. (F-2) (G-2).  Davidson College, Davidson, N. C. (K-4).  Dayton, University of, Dayton, Ohio. (G) (K-3).  Denison University, Granville, Ohio. (A-3).  Denver, University of, Detroit, Mich. (A-2) (F).  Doane College, Crete, Nebr. (A-4) (B) (G).  Dr. E.  Dodd College, Shreveport, La. (A-3).  Drake University, Des Moines, Iowa.  (A-2) (B-2) (D-4) (E) (G-2) (I-3) (J-2).  Note: Drake offers a major in radio.  Drexel Institute of Technology, Philadelphia, Pa. (K).  Dubuque, University, Durham, N. C. (K-7).  Duquesne University, Durham, N. C. (K-7).  Duquesne University, Duquesne, Pa. (B-6) (G-6).  East Central Teachers College, Ada, Okla. (A-2).	Norman Alexandroff James C. Egbert Jesse E. Hathaway Howard Nelson Donald MacLean R. B. Corbett Albert Johnson Chas. A. Taylor Donald MacLean Edwin Puls Josephine Dillon (not known) F. L. Jackson Prof. Louis Rose Richard H. Howe Roscoe K. Stockton L. A. McFaul Russell Wightman (not known) Edwin G. Barrett R. T. Zern R. G. Wilson W. J. Seeley Madeleine S. Foust James S. Lane Geraldine Quinlon

Emory University, Emory University, Ga. (A-5) (K)	
Emporia, College of, Emporia, Kans. (A-4)	
Fenn College, Cleveland, Ohio (A-3)	William A. Millson
Florida, University of, Gainesville, Fla. (F-3) (K-varies)	
Florida Agricultural and Mechanical, Tallahassee, Fla. (A-2) (K-4)	
Florida Southern College, Lakeland, Fla. (A-2)	Miss Alma Johnson
Fort Hays Kansas State College, Hays, Kans. (A-3)	Harvey A. Zinszer
Frances Shimer College, Mount Carroll, III. (D-2) (G-3)	George E. Hoffman
Franklin University YMCA, Columbus, Ohio. (A-12)	E. E. Dysart
Friends University, Wichita, Kans. (B-1) (E-1) (G) (K-5) (D-2) (H-12	.)Irene Vickers Baker
George Peabody Teachers College, Nashville, Tenn. (E-2)	
George Washington University, Washington, D. C. (A-2) (K-10)	
Georgetown University, Washington, D. C. (M-2)	P. J. Donovan
Georgia, University of, Athens, Ga. (D & E-5)	Prof. Edward C. Crouse
Georgia School of Technology, Atlanta, Ga. (A-3) (D & F-3) (K-3)	Irving H. Gerks
Gila Junior College, Thatcher, Ariz. (A-3) (G-2) (H-2)	William C. Kauffman
Glendale Junior College, Glendale, Calif. (A-3) (F-2)	B. L. Griffing
Gonzaga University, Spokane, Wash. (K-5)	Richard A. Brown
Grays Harbor Junior College, Aberdeen, Wash. (A)	(Not Known)
Grove City College, Grove City, Pa. (A-4) (G) (H) (K-4)	R. A. Walters
Harding College, Searcy, Ark. (A-5) (E-4) (A) (B) (D) (E) (G) (H	DLeonard Kirk
Hardin-Simmons University, Abilene, Tex. (G-3) (A-3)	Katherine Boyd
Harvard University, Cambridge, Mass. (K)	
Hastings College, Hastings, Nebr. (A-2) (F)	
Haverford College, Haverford, Pa. (A-3) (K-3)	J. D. Elder
Houston, University of, Houston, Tex. (K-31/2)	Harvey W. Harris
Howard College, Birmingham, Ala. (K-2)	
Idaho, University of, Moscow, Idaho. (D) (E) (F) (H)	Dr. C. W. McIntosh, Jr.
Illinois College, Jacksonville, Ill. (K-varies)	
Illinois, University of, Urbana, III. (K)	Josef F. Wright
Illinois State Normal University, Normal, III. (F-2)	
Illinois Wesleyan University, Bloomington, III. (A-4)	
Indiana State Teachers College, Terre Haute, Ind. (A-4) (B-4) (C-4) (D-4)	B 61 14 14
(E-4)	.Dr. Clarence M. Morgan
(E-4)	.Dr. Clarence M. Morgan Dr. Lee Norvelle
(E-4)	.Dr. Clarence M. Morgan Dr. Lee Norvelle I-3)
(E-4)	.Dr. Clarence M. Morgan Dr. Lee Norvelle (-3) Bruce E. Mahan
(E-4). Indiana University, Bloomington, Ind. (A-3) (D-3) (E). Iowa, State University of, Iowa City, Iowa. (A-3) (B-2) (D-3) (F-3) (G-3) (K-2). Iowa State College, Ames, Iowa. (D-3) (F-3) (K-4) (L-4).	.Dr. Clarence M. Morgan Dr. Lee Norvelle I-3) Bruce E. Mahan W. I. Griffith
(E-4) Indiana University, Bloomington, Ind. (A-3) (D-3) (E). Iowa, State University of, Iowa City, Iowa. (A-3) (B-2) (D-3) (F-3) (G-3) (K-2). Iowa State College, Ames, Iowa. (D-3) (F-3) (K-4) (L-4) Iowa Wesleyan College, Mount Pleasant, Iowa. (A-3).	.Dr. Clarence M. Morgan Dr. Lee Norvelle 1-3) Bruce E. Mahan W. I. Griffith Roger M. Morrow
(E-4). Indiana University, Bloomington, Ind. (A-3) (D-3) (E). Iowa, State University of, Iowa City, Iowa. (A-3) (B-2) (D-3) (F-3) (G-3) (J-3) (K-2). Iowa State College, Ames, Iowa. (D-3) (F-3) (K-4) (L-4). Iowa Wesleyan College, Mount Pleasant, Iowa. (A-3). Itasca College, Coleraine, Minn. (A-2).	.Dr. Clarence M. MorganDr. Lee Norvelle 1-3)Bruce E. MahanW. I. GriffithRoger M. MorrowDelwin B. Dusenbury
(E-4). Indiana University, Bloomington, Ind. (A-3) (D-3) (E). Iowa, State University of, Iowa City, Iowa. (A-3) (B-2) (D-3) (F-3) (G-3) (J-3) (K-2). Iowa State College, Ames, Iowa. (D-3) (F-3) (K-4) (L-4). Iowa Wesleyan College, Mount Pleasant, Iowa. (A-3). Itasca College, Coleraine, Minn. (A-2). Ithaca College, Ithaca, N. Y. (D) (E-4) (G-4).	.Dr. Clarence M. MorganDr. Lee Norvelle 1-3)Bruce E. MahanW. I. GriffithRoger M. MorrowDelwin B. DusenburyDr. Winn F. Zeller
(E-4) Indiana University, Bloomington, Ind. (A-3) (D-3) (E) Iowa, State University of, Iowa City, Iowa. (A-3) (B-2) (D-3) (F-3) (G-3) (L-2) Iowa State College, Ames, Iowa. (D-3) (F-3) (K-4) (L-4) Iowa Wesleyan College, Mount Pleasant, Iowa. (A-3). Itasca College, Coleraine, Minn. (A-2) Ithaca College, Ithaca, N. Y. (D) (E-4) (G-4) John B. Stetson University, DeLand, Fla. (G-6) (H-6) (K-6)	.Dr. Clarence M. Morgan
(E-4) Indiana University, Bloomington, Ind. (A-3) (D-3) (E) Iowa, State University of, Iowa City, Iowa. (A-3) (B-2) (D-3) (F-3) (G-3) (L-4) Iowa State College, Ames, Iowa. (D-3) (F-3) (K-4) (L-4) Iowa Wesleyan College, Mount Pleasant, Iowa. (A-3). Itasca College, Coleraine, Minn. (A-2). Ithaca College, Ithaca, N. Y. (D) (E-4) (G-4). John B. Stetson University, DeLand, Fla. (G-6) (H-6) (K-6). John Brown University, Siloam Springs, Ark. (A-3) (B-3) (I-3) (K-varies) (N-4)	Dr. Clarence M. Morgan Dr. Lee Norvelle  Jay Bruce E. Mahan W. I. Griffith Roger M. Morrow Delwin B. Dusenbury Dr. Winn F. Zeller Dr. Robert I. Allen  Jay Charles
(E-4) Indiana University, Bloomington, Ind. (A-3) (D-3) (E) Iowa, State University of, Iowa City, Iowa. (A-3) (B-2) (D-3) (F-3) (G-3) (K-2) Iowa State College, Ames, Iowa. (D-3) (F-3) (K-4) (L-4) Iowa Wesleyan College, Mount Pleasant, Iowa. (A-3). Itasca College, Coleraine, Minn. (A-2) Ithaca College, Ithaca, N. Y. (D) (E-4) (G-4) John B, Stetson University, DeLand, Fla. (G-6) (H-6) (K-6) John Brown University, Siloam Springs, Ark. (A-3) (B-3) (I-3) (K-varies) (N-4) John Carroll University, Cleveland, Ohio. (B-3) (D-3) (E-3) Johns Hapkins University Homewood Baltimore Md. (K-4)	Dr. Clarence M. Morgan Dr. Lee Norvelle  -3) Bruce E. Mahan W. I. Griffith Roger M. Morrow Delwin B. Dusenbury Dr. Winn F. Zeller Dr. Robert I. Allen 1-2) Wm. A. Millson Ferdinand Hamburger Jr.
(E-4) Indiana University, Bloomington, Ind. (A-3) (D-3) (E) Iowa, State University of, Iowa City, Iowa. (A-3) (B-2) (D-3) (F-3) (G-3) (K-2) Iowa State College, Ames, Iowa. (D-3) (F-3) (K-4) (L-4) Iowa Wesleyan College, Mount Pleasant, Iowa. (A-3). Itasca College, Coleraine, Minn. (A-2) Ithaca College, Ithaca, N. Y. (D) (E-4) (G-4) John B, Stetson University, DeLand, Fla. (G-6) (H-6) (K-6) John Brown University, Siloam Springs, Ark. (A-3) (B-3) (I-3) (K-varies) (N-4) John Carroll University, Cleveland, Ohio. (B-3) (D-3) (E-3) Johns Hapkins University Homewood Baltimore Md. (K-4)	Dr. Clarence M. Morgan Dr. Lee Norvelle  -3) Bruce E. Mahan W. I. Griffith Roger M. Morrow Delwin B. Dusenbury Dr. Winn F. Zeller Dr. Robert I. Allen 1-2) Wm. A. Millson Ferdinand Hamburger Jr.
(E-4) Indiana University, Bloomington, Ind. (A-3) (D-3) (E) Iowa, State University of, Iowa City, Iowa. (A-3) (B-2) (D-3) (F-3) (G-3) (L-4) Iowa State College, Ames, Iowa. (D-3) (F-3) (K-4) (L-4) Iowa Wosleyan College, Mount Pleasant, Iowa. (A-3). Itasca College, Coleraine, Minn. (A-2). Ithaca College, Ithaca, N. Y. (D) (E-4) (G-4) John B. Stetson University, DeLand, Fla. (G-6) (H-6) (K-6) John Brown University, Siloam Springs, Ark. (A-3) (B-3) (I-3) (K-varies) (N. John Carroll University, Cleveland Ohio. (B-3) (D-3) (E-3)	Dr. Clarence M. Morgan Dr. Lee Norvelle  -3) Bruce E. Mahan W. I. Griffith Roger M. Morrow Delwin B. Dusenbury Dr. Winn F. Zeller Dr. Robert I. Allen  1-2) Harold Fristoe Wm. A. Millson Ferdinand Hamburger. Jr. Robert A. Simon
(E-4) Indiana University, Bloomington, Ind. (A-3) (D-3) (E) Iowa, State University of, Iowa City, Iowa. (A-3) (B-2) (D-3) (F-3) (G-3) (L-2) Iowa State College, Ames, Iowa. (D-3) (F-3) (K-4) (L-4) Iowa Wesleyan College, Mount Pleasant, Iowa. (A-3). Itasca College, Coleraine, Minn. (A-2). Ithaca College, Ithaca, N. Y. (D) (E-4) (G-4) John B. Stetson University, DeLand, Fla. (G-6) (H-6) (K-6). John Brown University, Siloam Springs, Ark. (A-3) (B-3) (I-3) (K-varies) (N. John Carroll University, Cleveland, Ohio. (B-3) (D-3) (E-3). Johns Hopkins University, Homewood, Baltimore, Md. (K-4) Juilliard School of Music, 130 Clarement Avenue, New York, N. Y. (A) Kansas City Baptist Theological Seminary, Kansas City, Kans. (A-2) (C-2)	Dr. Clarence M. Morgan Dr. Lee Norvelle  Bruce E. Mahan W. I. Griffith Roger M. Morrow Delwin B. Dusenbury Dr. Winn F. Zeller Dr. Robert I. Allen  July Marold Fristoe Wm. A. Millson Ferdinand Hamburger. Jr. Robert A. Simon  (D-2)
(E-4) Indiana University, Bloomington, Ind. (A-3) (D-3) (E) Iowa, State University of, Iowa City, Iowa. (A-3) (B-2) (D-3) (F-3) (G-3) (L-4) Iowa State College, Ames, Iowa. (D-3) (F-3) (K-4) (L-4) Iowa Wosleyan College, Mount Pleasant, Iowa. (A-3). Itasca College, Coleraine, Minn. (A-2). Ithaca College, Ithaca, N. Y. (D) (E-4) (G-4). John B. Stetson University, DeLand, Fla. (G-6) (H-6) (K-6). John Brown University, Siloam Springs, Ark. (A-3) (B-3) (I-3) (K-varies) (Normalized College). Johns Hopkins University, Homewood, Baltimore, Md. (K-4). Juilliard School of Music, 130 Clarement Avenue, New York, N. Y. (A). Kansas City Baptist Theological Seminary, Kansas City, Kans. (A-2) (C-2) (G-2) (H-2). Kansas, University of, Lawrence, Kans. (G-2).	Dr. Clarence M. Morgan Dr. Lec Norvelle  Bruce E. Mahan W. I. Griffith Roger M. Morrow Delwin B. Dusenbury Dr. Winn F. Zeller Dr. Robert I. Allen  L. Wm. A. Millson Ferdinand Hamburger. Jr. Robert A. Simon  (D-2) Alvin J. Lee Harold G. Ingham
(E-4) Indiana University, Bloomington, Ind. (A-3) (D-3) (E) Iowa, State University of, Iowa City, Iowa. (A-3) (B-2) (D-3) (F-3) (G-3) (L-4) Iowa State College, Ames, Iowa. (D-3) (F-3) (K-4) (L-4) Iowa Wosleyan College, Mount Pleasant, Iowa. (A-3). Itasca College, Coleraine, Minn. (A-2). Ithaca College, Ithaca, N. Y. (D) (E-4) (G-4). John B. Stetson University, DeLand, Fla. (G-6) (H-6) (K-6). John Brown University, Siloam Springs, Ark. (A-3) (B-3) (I-3) (K-varies) (Normalized College). Johns Hopkins University, Homewood, Baltimore, Md. (K-4). Juilliard School of Music, 130 Clarement Avenue, New York, N. Y. (A). Kansas City Baptist Theological Seminary, Kansas City, Kans. (A-2) (C-2) (G-2) (H-2). Kansas, University of, Lawrence, Kans. (G-2).	Dr. Clarence M. Morgan Dr. Lec Norvelle  Bruce E. Mahan W. I. Griffith Roger M. Morrow Delwin B. Dusenbury Dr. Winn F. Zeller Dr. Robert I. Allen  L. Wm. A. Millson Ferdinand Hamburger. Jr. Robert A. Simon  (D-2) Alvin J. Lee Harold G. Ingham
(E-4) Indiana University, Bloomington, Ind. (A-3) (D-3) (E) Iowa, State University of, Iowa City, Iowa. (A-3) (B-2) (D-3) (F-3) (G-3) (L-4) Iowa State College, Ames, Iowa. (D-3) (F-3) (K-4) (L-4) Iowa Wosleyan College, Mount Pleasant, Iowa. (A-3). Itasca College, Coleraine, Minn. (A-2). Ithaca College, Ithaca, N. Y. (D) (E-4) (G-4). John B. Stetson University, DeLand, Fla. (G-6) (H-6) (K-6). John Brown University, Siloam Springs, Ark. (A-3) (B-3) (I-3) (K-varies) (N-4) John Carroll University, Cleveland, Ohio. (B-3) (D-3) (E-3). Johns Hopkins University, Homewood, Baltimore, Md. (K-4). Juilliard School of Music, 130 Clarement Avenue, New York, N. Y. (A) Kansas City Baptist Theological Seminary, Kansas City, Kans. (A-2) (C-2) (G-2) (H-2). Kansas, University of, Lawrence, Kans. (G-2). Kansas State College, Manhattan, Kans. (A-8) (B-2) (D-2) (E-2) (F-3) (H-1)	Dr. Clarence M. Morgan Dr. Lec Norvelle  Jay Bruce E. Mahan W. I. Griffith Roger M. Morrow Delwin B. Dusenbury Dr. Winn F. Zeller Dr. Robert I. Allen  Jay Marcold Fristoe Wm. A. Millson Ferdinand Hamburger. Jr. Robert A. Simon  (D-2) Harold G. Ingham  Lay Lec Harold G. Ingham
(E-4) Indiana University, Bloomington, Ind. (A-3) (D-3) (E) Iowa, State University of, Iowa City, Iowa. (A-3) (B-2) (D-3) (F-3) (G-3) (L-4) Iowa State College, Ames, Iowa. (D-3) (F-3) (K-4) (L-4) Iowa Wesleyan College, Mount Pleasant, Iowa. (A-3). Itasca College, Coleraine, Minn. (A-2). Ithaca College, Ithaca, N. Y. (D) (E-4) (G-4) John B. Stetson University, DeLand, Fla. (G-6) (H-6) (K-6) John Brown University, Cleveland, Ohio. (B-3) (D-3) (E-3). Johns Hopkins University, Cleveland, Ohio. (B-3) (D-3) (E-3). Johns Hopkins University, Homewood, Baltimore, Md. (K-4) Juilliard School of Music, 130 Clarement Avenue, New York, N. Y. (A). Kansas City Baptist Theological Seminary, Kansas City, Kans. (A-2) (C-2) (G-2) (H-2). Kansas, University of, Lawrence, Kans. (G-2) Kansas State College, Manhattan, Kans. (A-8) (B-2) (D-2) (E-2) (F-3) (H-(J-3)) (K-4) Kansas State Teachers College, Emporia, Kans. (A-2) (D) (E) (F) (G).	Dr. Clarence M. Morgan Dr. Lee Norvelle  Bruce E. Mahan W. I. Griffith Roger M. Morrow Delwin B. Dusenbury Dr. Winn F. Zeller Dr. Robert I. Allen  J. Marold Fristoe Wm. A. Millson Ferdinand Hamburger. Jr. Robert A. Simon  (D-2) Alvin J. Lee Harold G. Ingham  (not known) S. Winston Cram
(E-4) Indiana University, Bloomington, Ind. (A-3) (D-3) (E) Iowa, State University of, Iowa City, Iowa. (A-3) (B-2) (D-3) (F-3) (G-3) (L-4) Iowa State College, Ames, Iowa. (D-3) (F-3) (K-4) (L-4) Iowa Wosleyan College, Mount Pleasant, Iowa. (A-3). Itasca College, Coleraine, Minn. (A-2). Ithaca College, Ithaca, N. Y. (D) (E-4) (G-4) John B. Stetson University, DeLand, Fla. (G-6) (H-6) (K-6). John Brown University, Siloam Springs, Ark. (A-3) (B-3) (I-3) (K-varies) (N-4) John Carroll University, Cleveland, Ohio. (B-3) (D-3) (E-3) Johns Hopkins University, Homewood, Baltimore, Md. (K-4) Juilliard School of Music, 130 Clarement Avenue, New York, N. Y. (A) Kansas City Baptist Theological Seminary, Kansas City, Kans. (A-2) (C-2) (G-2) (H-2). Kansas, University of, Lawrence, Kans. (G-2). Kansas State College, Manhattan, Kans. (A-8) (B-2) (D-2) (E-2) (F-3) (H-1) Kansas State Teachers College, Emporia, Kans. (A-2) (D) (E) (F) (G) Kent State University, Kent, Ohio. (A-3).	Dr. Clarence M. Morgan Dr. Lee Norvelle  J.3) Bruce E. Mahan W. I. Griffith Roger M. Morrow Delwin B. Dusenbury Dr. Winn F. Zeller Dr. Robert I. Allen  J. Harold Fristoe Wm. A. Millson Ferdinand Hamburger. Jr. Robert A. Simon (D-2) Alvin J. Lee Harold G. Ingham  Z) (not known) S. Winston Cram G. Harry Wright
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(E-4) Indiana University, Bloomington, Ind. (A-3) (D-3) (E) Iowa, State University of, Iowa City, Iowa. (A-3) (B-2) (D-3) (F-3) (G-3) (L-4) Iowa State College, Ames, Iowa. (D-3) (F-3) (K-4) (L-4) Iowa Wesleyan College, Mount Pleasant, Iowa. (A-3). Itasca College, Coleraine, Minn. (A-2). Ithaca College, Ithaca, N. Y. (D) (E-4) (G-4) John B. Stetson University, DeLand, Fla. (G-6) (H-6) (K-6) John Brown University, Siloam Springs, Ark. (A-3) (B-3) (I-3) (K-varies) (N-1) John Brown University, Cleveland, Ohio. (B-3) (D-3) (E-3) Johns Hopkins University, Homewood, Baltimore, Md. (K-4) Juilliard School of Music, 130 Clarement Avenue, New York, N. Y. (A) Kansas City Baptist Theological Seminary, Kansas City, Kans. (A-2) (C-2) (G-2) (H-2) Kansas, University of, Lawrence, Kans. (G-2) Kansas State College, Manhattan, Kans. (A-8) (B-2) (D-2) (E-2) (F-3) (H-1) Kansas State College, Manhattan, Kans. (A-8) (B-2) (D-2) (E-2) (F-3) (H-1) Kansas State Teachers College, Emporia, Kans. (A-2) (D) (E) (F) (G) Kent State University, Kent, Ohio. (A-3) Kentucky, University of, Lexington, Ky. (C-3) (K-3) Knox College, Galesburg, III. (A-4) Lafayette College, Easton, Pa. (A-3) (K & L-6) La Grange College, La Grange, Ga. (B) (D-2) (G-3) La Sierra College, Arlington, Calif. (A-2) (K-3) Lawrence Institute of Technology, Hiehland Park, Mich. (K-5) Lehigh University, Bethlehem, Pa. (K-varies) Lenoir Rhyne College, Hickory, N. C. (A-3) Lincoln University, Jefferson City, Mo. (A)	Dr. Clarence M. Morgan Dr. Lee Norvelle  Bruce E. Mahan W. I. Griffith Roger M. Morrow Delwin B. Dusenbury Dr. Winn F. Zeller Dr. Robert I. Allen  Jewn A. Millson Ferdinand Hamburger Jr. Robert A. Simon  (D-2) Alvin J. Lee Harold G. Ingham  (D-2) (not known) S. Winston Cram G. Harry Wright Elmer G. Sulzer Paul A. Foley C. H. Page Mae Kirkland L. H. Cushman (not known) H. C. Knutson Karl Z. Morgan Albert A. Kildare
(E-4) Indiana University, Bloomington, Ind. (A-3) (D-3) (E) Iowa, State University of, Iowa City, Iowa. (A-3) (B-2) (D-3) (F-3) (G-3) (L-4) Iowa State College, Ames, Iowa. (D-3) (F-3) (K-4) (L-4) Iowa Wosleyan College, Mount Pleasant, Iowa. (A-3). Itasca College, Coleraine, Minn. (A-2). Ithaca College, Ithaca, N. Y. (D) (E-4) (G-4) John B. Stetson University, DeLand, Fla. (G-6) (H-6) (K-6). John Brown University, Siloam Springs, Ark. (A-3) (B-3) (I-3) (K-varies) (N-1) John Carroll University, Cleveland, Ohio. (B-3) (D-3) (E-3) Johns Hopkins University, Homewood, Baltimore, Md. (K-4) Juilliard School of Music, 130 Clarement Avenue, New York, N. Y. (A) Kansas City Baptist Theological Seminary, Kansas City, Kans. (A-2) (C-2) (G-2) (H-2) Kansas, University of, Lawrence, Kans. (G-2) Kansas State College, Manhattan, Kans. (A-8) (B-2) (D-2) (E-2) (F-3) (H-1) (J-3) (K-4) Kansas State Teachers College, Emporia, Kans. (A-2) (D) (E) (F) (G) Kent State University, Kent, Ohio. (A-3) Kentucky, University of, Lexington, Ky. (C-3) (K-3) Knox College, Galesburg, III. (A-4) Lafayette College, Easton, Pa. (A-3) (K & L-6) La Grange College, La Grange, Ga. (B) (D-2) (G-3) La Sierra College, Arlington, Calif. (A-2) (K-3) Lawrence Institute of Technology, Highland Park, Mich. (K-5) Lehoir Rhyne College, Hickory, N. C. (A-3) Lincoln University, Jefferson City, Mo. (A) Little Rock Junior College, Little Rock, Ark. (G)	Dr. Clarence M. Morgan Dr. Lee Norvelle  J.3) Bruce E. Mahan W. I. Griffith Roger M. Morrow Delwin B. Dusenbury Dr. Winn F. Zeller Dr. Robert I. Allen  J. Harold Fristoe Wm. A. Millson Ferdinand Hamburger. Jr. Robert A. Simon  (D-2) Alvin J. Lee Harold G. Ingham  S. Winston Cram G. Harry Wright Elmer G. Sulzer Paul A. Foley C. H. Page Mae Kirkland L. H. Cushman (not known) H. C. Knutson Karl Z. Morgan Albert A. Kildare Dell Park McDermott
(E-4) Indiana University, Bloomington, Ind. (A-3) (D-3) (E) Iowa, State University of, Iowa City, Iowa. (A-3) (B-2) (D-3) (F-3) (G-3) (L-4) Iowa State College, Ames, Iowa. (D-3) (F-3) (K-4) (L-4) Iowa Wosleyan College, Mount Pleasant, Iowa. (A-3). Itasca College, Coleraine, Minn. (A-2). Ithaca College, Ithaca, N. Y. (D) (E-4) (G-4) John B. Stetson University, DeLand, Fla. (G-6) (H-6) (K-6). John Brown University, Siloam Springs, Ark. (A-3) (B-3) (I-3) (K-varies) (N-1) John Hopkins University, Cleveland, Ohio. (B-3) (D-3) (E-3) Johns Hopkins University, Homewood, Baltimore, Md. (K-4) Juilliard School of Music, 130 Clarement Avenue, New York, N. Y. (A) Kansas City Baptist Theological Seminary, Kansas City, Kans. (A-2) (C-2) (G-2) (H-2) Kansas, University of, Lawrence, Kans. (G-2) Kansas, University of, Lawrence, Kans. (G-2) Kansas State College, Manhattan, Kans. (A-8) (B-2) (D-2) (E-2) (F-3) (H-1) Kansas State Teachers College, Emporia, Kans. (A-2) (D) (E) (F) (G) Kent State University, Kent, Ohio. (A-3). Kentucky, University of, Lexington, Ky. (C-3) (K-3) Knox College, Galesburg, III. (A-4) Lafayette College, Easton, Pa. (A-3) (K & L-6) La Grange College, La Grange, Ga. (B) (D-2) (G-3) La Sierra College, Arlington, Calif. (A-2) (K-3) Lawrence Institute of Technology, Highland Park, Mich. (K-5) Leh'gh University, Bethlehem, Pa. (K-varies) Lenoir Rhyne College, Hickory, N. C. (A-3) Lintcoln University, Jefferson City, Mo. (A) Little Rock Junior College, Little Rock, Ark. (G) Long Beach Junior College, Long Beach, Calif. (F-6)	Dr. Clarence M. Morgan Dr. Lee Norvelle  1-3) Bruce E. Mahan W. I. Griffith Roger M. Morrow Delwin B. Dusenbury Dr. Winn F. Zeller Dr. Robert I. Allen  1-2) Harold Fristoe Wm. A. Millson Ferdinand Hamburger. Jr. Robert A. Simon  (D-2) Alvin J. Lee Harold G. Ingham  2) (not known) S. Winston Cram G. Harry Wright Elmer G. Sulzer Paul A. Foley C. H. Page Mae Kirkland L. H. Cushman (not known) H. C. Knutson Karl Z. Morgan Albert A. Kildare Dell Park McDermott Miss Edith Hitchcock
(E-4) Indiana University, Bloomington, Ind. (A-3) (D-3) (E) Iowa, State University of, Iowa City, Iowa. (A-3) (B-2) (D-3) (F-3) (G-3) (L-4) Iowa State College, Ames, Iowa. (D-3) (F-3) (K-4) (L-4) Iowa Wosleyan College, Mount Pleasant, Iowa. (A-3). Itasca College, Coleraine, Minn. (A-2). Ithaca College, Ithaca, N. Y. (D) (E-4) (G-4) John B. Stetson University, DeLand, Fla. (G-6) (H-6) (K-6). John Brown University, Siloam Springs, Ark. (A-3) (B-3) (I-3) (K-varies) (N-1) John Carroll University, Cleveland, Ohio. (B-3) (D-3) (E-3) Johns Hopkins University, Homewood, Baltimore, Md. (K-4) Juilliard School of Music, 130 Clarement Avenue, New York, N. Y. (A) Kansas City Baptist Theological Seminary, Kansas City, Kans. (A-2) (C-2) (G-2) (H-2) Kansas, University of, Lawrence, Kans. (G-2) Kansas State College, Manhattan, Kans. (A-8) (B-2) (D-2) (E-2) (F-3) (H-1) (J-3) (K-4) Kansas State Teachers College, Emporia, Kans. (A-2) (D) (E) (F) (G) Kent State University, Kent, Ohio. (A-3) Kentucky, University of, Lexington, Ky. (C-3) (K-3) Knox College, Galesburg, III. (A-4) Lafayette College, Easton, Pa. (A-3) (K & L-6) La Grange College, La Grange, Ga. (B) (D-2) (G-3) La Sierra College, Arlington, Calif. (A-2) (K-3) Lawrence Institute of Technology, Highland Park, Mich. (K-5) Lehoir Rhyne College, Hickory, N. C. (A-3) Lincoln University, Jefferson City, Mo. (A) Little Rock Junior College, Little Rock, Ark. (G)	Dr. Clarence M. Morgan Dr. Lee Norvelle  1-3) Bruce E. Mahan W. I. Griffith Roger M. Morrow Delwin B. Dusenbury Dr. Winn F. Zeller Dr. Robert I. Allen  1-2) Harold Fristoe Wm. A. Millson Ferdinand Hamburger. Jr. Robert A. Simon  (D-2) Alvin J. Lee Harold G. Ingham  2) (not known) S. Winston Cram G. Harry Wright Elmer G. Sulzer Paul A. Foley C. H. Page Mae Kirkland L. H. Cushman (not known) H. C. Knutson Karl Z. Morgan Albert A. Kildare Dell Park McDermott Miss Edith Hitchcock

——————————————————————————————————————	The Charge of Italian
Louisiana State University, University, La. (A-3) (D-3) (F-3) (1-3) (K-3)	Ralph W. Steetle
Louisville Municipal College, Louisville, Ky. (K-4)	
Louisville, University of, Louisville, Ky. (K-10)	
Loyola University, Los Angeles, Calif. (A-2) (D-2) (E-1) (G-1) (J-1).	
Luther College, Decorah, Ia. (A-3)	F. C. Gamelin
Luther College, Decorah, Ia. (A-3).  Lynchburg College, Lynchburg, Va. (A)	K. K. Hodges
McMurray College, Abilene, Tex. (B-3)	
Mac Phail School of Music, Minneapolis, Minn. (A-4) (H-4)	Don Tuttle
Macalester College, St. Paul, Miss. (K-4)	
Madison College, Madison College, Tenn. (A-4) (K-4)	Bayard D. Goodge
Maine, University of, Orono, Me. (A-2) (B-2) (K-3)	
Manhattan College, New York, N. Y. (K-4)	J. Francis Reintjes
Marin Junior College, Kentfield, Calif. (K-2)	
Marjorie Webster School, The, Rock Creek Park, Washington, D. C. (B-3) (D-3) (G-3)	
(B-3) (D-3) (G-3)	Miss Florence McCracken
Marquette University, Milwaukee, Wis. (A-2) (F-2) (K-3)	
Marshall College, Huntington, W. Va. (A-3)	
Maryland, University of, College Park, Md. (A-2)	
Massachusetts Institute of Technology, Cambridge, Mass. (K-varies)	Prof. Edward L. Bowles
Massachusetts State College, Amherst, Mass. (K-6)	Francis C. Pray
Miami University, Oxford, Ohio. (D-3) (F) (G)	,A. Loren Gares
(K-12) (L-2)	
Michigan College of Mining and Technology, Houghton, Mich. (K-3) (1-2)	
Michigan State College, East Lansing, Mich. (D-2) (E-3) (F-5) (G-3) (K-	2) Pobort I Colomon
Milton College, Milton, Wis. (A-8) (B-2) (C) (D) (E) (G) (H)	(K) C F Oaklas
Minnesota, University of, Minneapolis, Minn. (C-3) (D-3) (E-3) (G).	
Mississippi College, Clinton, Miss. (A-3) (K-6) (M-3)	Henry A Carlock
Mississippi State College, State College, Miss. (A-3) (M-3) (K-6)	Horace M. Trent
Missouri, University of, Columbia, Mo. (A-4) (K-8)	Prof. C. M. Wallis
Missouri Valley College, Marshall, Mo. (K-3)	Dwight M. Pasek
Modesto Junior College, Modesto, Calif. (A-2)	Leonard I. Bartlett
Montana State College, Bozeman, Mont. (K-6)	Prof. C. F. Bowman
Moravian College, Bethlehem, Pa. (A-3) (K-3)	Cyril N. Hoyler
Morehead State Teachers College, Morehead, Ky. (K-3)	J. G. Black
Morehouse College, Atlanta, Ga. (A-3)	H. V. Eagleson
Morris Harvey College, Charleston, W. Va. (G-2)	Richard C. Brand
Mr. Holyoke College, South Hadley, Mass. (K-7) (L-3)	
Mount Mercy College, Pittsburgh, Pa. (A-3)	Anna Marie McConnel
Muhlenburg College, Allentown, Pa. (A-4) (C-4) (K-6)	Dr. Carl W. Roya
Mundelein College, Chicago, Ill. (D-2)	Miss Louise Litter
Murray State Teachers College, Murray, Ky. (K-4)	Charles Hire
Muskingum College, New Concord, Ohio. (A-2)	C. R. Layton
National Park College, Forest Glen, Md. (A-2)	Helen Hughes
National University, Washington, D. C. (M-4)	
Nebraska, University of, Lincoln, Nebr. (K-4)	Ferris W. Norris
Nebraska State Teachers College, Wayne, Nebr. (A-4)	Prof. J. E. Brock
Nehraska Weslevan University Lincoln Nehr (A-3) (B-3) (D-2)	J. C. Jenser
Nevada, University of, Reno, Nev. (K-3).  New Mexico, University of, Albuquerque, N. Mex. (B-3) (D) (K-8)	I. J. Sandorf
New Mexico, University of, Albuquerque, N. Mex. (B-3) (D) (K-8)	Dr. Herbert L. Jones
New River State College, Montgomery, W. Va. (A-3 (L-3) (M-3)	Ritter F. Maxwel
New Rochelle, College of, New Rochelle, N. Y. (D-4)	Margaret C. Richard
N. Y. State School of Agriculture, Alfred, N. Y. (K-6)	G. F. Crais
New York University, New York, N. Y. (A-3) (B-2) (D-2) (J) Robert S	
North Dakota State School of Science, Wahpeton, N. Dak. (K)	
Northern Illinois State Teachers College, DeKalb, III. (B-1) (K-1)	
North Texas State Teachers College, Denton, Tex. (A-3)	Mrs. Ulive M. Johnson
Manufak University, Evanston, III. (A-2) (B & G-2) (D & E-2) (F-2)	1J-Z)Albert K. Crew
Norwich University, Northfield, Vt. (K-3)	(1) (K 2) Pau Eugana Po-le
Ohio, University of, Athens, Ohio. (A-3) (B-3) (D-3) (G) (F-2) (K-4)	
Ohio State University, Columbus, Ohio (A-3) (B-2) (C-2) (D) (E-5)	
(J-3) (K-4)	
Ohio Wesleyan University, Delaware, Ohio. (A-2)	R C Hunte
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Oklahoma, University of, Norman, Okla. (B-2) (D-2) (F-1) (G-3) (J-2) (K-va	
Oklahoma College for Women, Chickasha, Okla. (F)	B. H. Mayall
Omaha, University of, Omaha, Nebr. (E-1) (J-1)	Russell Baker
Oregon, University of, Eugene, Ore. (B-2)	Mr. Luke Roberts
Oregon, University of, Eugene, Ore. (B-2)	C. D. Newman
Oregon State Agricultural College, Corvallis, Ore. (F) (3-2)	C. B. Mitchell
Pacific Union College, Angwin, Calif. (B-2)	N Vincont Parcons
Paterson, The College of Paterson, N. J. (D-3)	
Phillips University, Enid, Okla. (A-2)	Wilford Christopher
Phoenix Junior College, Phoenix, Ariz. (B-3) (D-3) (G-2) (H) (K-7) (M-2).	Donald F. Stone
Penn College, Cleveland, Ohio. (A-3). Pennsylvania, University of, Moore School of Electrical Engineering, Philadelphia,	Pa (R.2)
(D-4) (F-4) (K-3)	Knox McIlwain
Pittsburgh, University of Pittsburgh, Pa. (K-5)	Prof. H. E. Dyche
Polytechnic Institute of Brooklyn, 99 Livingston Street, Brooklyn, N. Y. (K-varies)	Frank E. Canavaciol
Presbyterian College, Clinton, S. C. (B-4) (D-3) (E-3) (J-3)	Hugh Holman
Principia College, Elsah, III. (K-3)	Dr C F Harding
Queens College, Charlotte, N. C. (C-3)	
Redlands, University of, Redlands, Calif. (A-2) (K-4).  Reed College, Portland, Ore. (A) (D) (E) (G)	Prof. Lynn W. Jones
Reed College, Portland, Ore. (A) (D) (E) (G)	Laurence C. Rodgers
Rhode Island State College, Kingston, R. I. (K-3)	Wynant J. Williams
Rice, Institute, Houston, Tex. (K-8)	S. H. Van Wambeck
Robert E. Lee Institute, Goose Creek, Tex. (K)	E. L. Langston
Rockhurst College Kansas City Mo. (A-3)	William C. Dovle
Rollins College, Winter Park, Fla. (E) (G)	Prof. Harry H. Pierce
Rollins College, Winter Park, Fla. (E) (G) Rosary College, River Forest, Ill. (A-2) (D-2) (E-1) (G-1) Rutgers University, New Brunswick, N. J. (A-3) (K-6)	P L Hoover
St. Catherine, College of, St. Paul, Minn. (B-1) (C-1) (D-1)	Thomas Rishworth
St. Lawrence University, Canton, N. Y. (A-3) St. Louis, University of, St. Louis, Mo. (K-3)	Ruth F. Williard
St. Louis, University of, St. Louis, Mo. (K-3)	.Rev. James I. Shannon
St. Mary's College, Notre Dame, Ind. (A.4) St. Mary's College, South Bend, Ind. (B) .F)	Winifred Hanley
St. Mary-of-the-Woods College, St. Mary-of-the-Woods, Ind. (F-2)	
Sacramento Junior College, Sacramento, Calif. (B-2) (D-2)	Vernon Mickelson
San Francisco Junior College, San Francisco, Calif. (A-10)	
San Francisco State College, San Francisco, Calif. (K-2) (F-3)	Carlos S. Mundt
Telegraph Code-1)	
Santa Monica Junior College, Santa Monica, Calif. (E) (G)	S. M. Hayden
San Mateo Junior College, San Mateo, Calif. (A & I-3) (E) (G)	Harry E. Redeker
Santa Barbara State College, Santa Barbara, Calif. (G-3) (D) (A-3) (B-3) Scranton, University of, Scranton, Pa. (A-1) (D-4) (F-1)	Dr. Austin I Ann
Seventh-day Adventist Theological Seminary, Washington, D. C. (F-1)	Prof. C. E. Weniger
Sherwood Music School, 410 So. Michigan Ave., Chicago, Ill. (D) (G) (H)	
Shorter College, North Little Rock, Ark. (B) (E) (H)	G. A. Gregg
Simpson College, Indianola, Iowa. (K-2)	Lester Spring
Sienna College, St. Joseph, Mo. (D-2) (G-2) (Radio Technique-2)	Lames F Koehler
South Carolina, University of Columbia, S. C. (A-6) (K)	A. C. Carlson
South Dakota State School of Mines, Rapid City, S. Dak. (A-2) (K-3)	E. E. Clark
Southeastern University, Washington, D. C. (M-2)	Joseph E. Keller
Southern California, University of, Los Angeles, Calif. (A-2) (B-2) (I-2) (K-2). Southern Junior College, Collegedale, Tenn. (K-4)	. Kichard E. Huddleston
Southwestern College, Winfield, Kans. (K-16)	W R Plum
Spring Hill College, Spring Hill, Ala. (K)	Frank E. Benedetto
Stanford University, Palo Alto, Calif. (F-2)	Miss E. L. Buckingham
(K-varies)	Kenneth Teend
State Teacher's College, Buffalo, N. Y. (C-3)	
State Teachers College, Indiana, Pa. (A-2)	Edna Lee Sprowls

College
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College		
State Taschers College, Rearney, Nebr. (C-3)   State Taschers College, Corss, Wis. (A-4).   State Taschers College, Memphis. Trans. (G-3)   State Taschers College, Memphis. Trans. (G-3)   State Taschers College, Perus. Nebr. (A-2) (E).   State Taschers College, Perus. Nebr. (A-2) (E).   State Taschers College, Perus. Nebr. (A-3).   State Taschers College, Perus. Nebr. (A-3).   State Taschers College, Perus. Nebr. (A-3).   State Taschers College, Superior. Wis. (A-3).   Stephens College, Columbia, Mo. (A-4) (B-3) (D-3).   Stephens College, Columbia, Mo. (A-4) (B-3).   Stephens College, Columbia, Mo. (A-4) (B-3).   Stephens College, Columbia, Mo. (A-4) (B-3).   Cassa Technological College, Lubbock, Tex. (A-2).   Stephens College, Hartford, Conn. (A-3).   Stephens College, Moline, Mediod, Moss. (K-3).   Stephens College, Moline, Moline	College	
State Teachers College, La Cross, Wis. (A-4).         Ross D. Spangle           State Teachers College, Paterson, N. J. (A-3) (K-3).         D. Lawrence E. Loveridg           State Teachers College, Pern. Nebr. (A-2) (E).         C. R. Lindston           State Teachers College, Pern. Nebr. (A-2) (E).         C. R. Lindston           State Teachers College, Superior, Wis. (A-3).         S. Section           Stephens College, Collegholish, Mo. (A-4).         (B-3) (D-3).         Sherman P. Lawton           Stephens College, Collegholish, Pa. (K-3).         C. S. Lindston         Kenneth Bartlet           Lemple University, Syracuse, N. Y. (A-3).         R. J. (C-3).         Kenneth Bartlet           Lemple University, Fort Worth, Tex. (A-3).         A. L. Chapman           Least Christian University, Fort Worth, Tex. (G-2).         McKinder Flower           Cross Technological College, Lubbock, Tex. (A-2).         McKinder Flower           Cross Texten London, University of Toledo, Ohio. (K. 4).         C. G. Brenneck           Trinity Dniversity, Of Toledo, Ohio. (K. 4).         C. G. Brenneck           Trinity Dniversity of Tusias, Okla. (A-2).         M. D. Dolinity           Tistate College, Anglan, O. A. (A-3).         M. D. Dolinity           Trinity Dniversity of Tusias, Okla. (A-2).         D. (B-3).         M. S. Yetta Mitchel           Trinity Dniversity of Tusias, Okla. (A-2).         D	State Teachers College, Kearney, Nebr. (C-3)	C G Ryan
State Teachers College, Per Pun Nebr. (A-2) (E)  State Teachers College, Per N. Nebr. (A-2) (E)  State Teachers College, Per N. Nebr. (A-2) (E)  State Teachers College, Per N. Nebr. (A-2) (E)  Stephens College, Columbia, Mo. (A-4) (B-3) (D-3)  Stephens College, Columbia, Mo. (A-4) (B-3) (D-3)  Syracuse University, Syracuse, N. Y. (A-3) (B-3) (D-3) (D-3) (D-3) (D-3) (D-3)  Fernan P. Lawton  Francis Christian University, Fort Worth Tex. (A-3) (N-4) (D-3) (D-3) (D-3) (D-3) (D-3) (D-3) (D-4) (N-4)	State Teachers College, La Cross, Wis. (A-4)	Ross D. Spangler
State Teachers College, Peru Nebr. (A-2) (E)	State Teachers College, Memphis, Tenn. (G-3).	John Noldham
Stapeh Schleige, Columbia, Mo. (A.4) (B.3) (D.3)	State Teachers College, Paterson, N. J. (A-3) (K-3)	Dr. Lawrence E. Loveridge
Stepnens College, Columbia, Mo. (A-4) (B-3) (D-3) (C-3) (D-3) J. Sherman P. Lawton Fartet Temple University, Protestin, Prot. (A-3) (B-3) (C-3) (D-3) J. Lloyd Boh Faxs, University of, Nation, Tex. (A-3).  Fexas Christian University, Fort Worth. Tex. (B-3) (F.6-G-3) (K-var.es) Dr. Newton Gaine Fexas Dental College, Houston, Tex. (G).  Protest College, College, Lubback, Tex. (A-2).  Richard Flower Clode, University of, Eddo, Ohio. (K-4).  Richard Flower Clode, University of, Teddo, Ohio. (K-4).  Richard Flower Clode, Chio. (K-4).  Richard Flower Clode, Ohio. (K-4).	State Teachers College, Feru, Nebr. (A-Z) (E)	
Syracus University Syracuse, N. Y. (A.3) (B.3) (C.3) J. Kenneth Barttet Emple University of, Austin, Tex. (A.3).   Legisland Legisland College, Holdson, Fort Worth, Tex. (B.3) (F.6) G.3) (K.var.es) J. Lloyd Boh Texas, University of, Austin, Tex. (A.3).   Legisland College, Houston, Tex. (G.). McKinder, Rode Texas Technological College, Lubbock, Tex. (A.2). McKinder, Rode Texas Technological College, Lubbock, Tex. (A.2). McKinder, Rode Texas Technological College, Lubbock, Tex. (A.2). McKinder, Rode Trinity College, Hartford, Conn. (A.3). H. D. Doolitth, Trinity University, Waxahachie, Tex. (A.3). Ms Yetta Mitchel Tris State College, Angloa, Ind. (K.var.es). Ms Yetta Mitchel Tris State College, Angloa, Ind. (K.var.es). Ms Yetta Mitchel Tufts, University of, Tusia, Olda, (A.2) (D) (E). Ban G. Hennek, Tuskagee Institute, Tuskagee Institute, Ala. (A.5) (K.5). W. C. Curit U.S. Naval Academy. Annapolis, Md. (K). W. C. Curit U.S. Naval Academy. Annapolis, Md. (K). W. C. Curit U.S. Naval Academy. Annapolis, Md. (K). W. C. Curit U.S. Naval Academy. Annapolis, Md. (K). W. C. Curit U.S. State Academy. Annapolis, Md. (K). W. C. Curit U.S. State Academy. Annapolis, Md. (K). W. C. Curit U.S. Naval Academy. Annapolis, Md. (K). W. C. Curit U.S. Naval Academy. Annapolis, Md. (K). W. C. Curit U.S. Naval Academy. Annapolis, Md. (K). W. C. Curit U.S. Naval Academy. Annapolis, Md. (K). W. C. Curit U.S. Naval Academy. Annapolis, Md. (K). W. C. Curit U.S. Naval Academy. Annapolis, Md. (K). W. C. Curit U.S. Naval More College, Virginia, Minn. (A.5) (B.3) (D.3) (E.3) (K.6). Dr. I. O. Horsfal U.S. Naval Academy. Annapolis, Md. (K). W. C. Curit U.S. Naval More College, Virginia, Minn. (A.2) (C. (D) (G). M.S. Henry. Lyman Villanova College, Virginia, Minn. (A.2) (C. (D) (G). M.S. Henry. Lyman Villanova College, Virginia, Minn. (A.2) (C. (D) (G). M.S. Henry. Lyman Villanova College, Virginia, Minn. (A.2) (C. (D) (G). More College, Virginia State College, Mass. (K-3). M. (K-3). R. D. Malor College, College Place, Wash. (E.2) (C-2) (G-2) (	Stephens College Columbia Mo. (A.4) (R.3) (D.3)	E. H. Schrieber
Temple University of Austin. Tex. (K-31).  Fexas, University of Austin. Tex. (K-31).  Fexas Christrian University, Fort Worth. Tex. (B-3).  Fexas Christrian University, Fort Worth. Tex. (G).  Richard College, Houston, Tex. (G).  Richard Flower.  Richard Richard Richard Richard Richard Richard Richard Richard Ri	Syracuse University, Syracuse, N. Y. (A-3) (B-3) (C-3) (D-3)	Konnoth Bastlett
Paxas   University of   Austin, Tex. (A-3)	Temple University, Philadelphia Pa. (K-315)	I Lloyd Robe
Casas   Dental College, Lubbock, Tex.   (A-2)   Richard Flower   Toledo, University of, Toledo, Ohio.   (K-4)   C. G. Brenneck   Trinity College, Hartford, Conn.   (A-3)   H. D. Doolitrit   Trinity University, Waxahachie, Tex.   (A-3)   M. S. Yetta Mitchel   Tristate College, Angloal, Ind.   (K-varies)   Wm. A. Pfeife   Tufts College of Engineering, Medford   Mass.   (K-3)   Edwin B. Rollin   Tulsa, University of, Tulsa, Okla.   (A-2)   (D)   (E)   Ben G. Henneck   Tufts College of Engineering, Medford   Mass.   (K-3)   Edwin B. Rollin   Tulsa, University of, Tulsa, Okla.   (A-2)   (D)   (E)   Ben G. Henneck   Tuskegee Institute.   Tuskegee Institute.   (A-2)   (D)   (E)   Ben G. Henneck   Tuskegee Institute.   (A-2)   (D)   (E)   Ben G. Henneck   Tuskegee Institute.   (A-2)   (D)   (E)   (E	Texas, University of, Austin. Tex. (A-3).	A. L. Chapman
Casas   Dental College, Lubbock, Tex.   (A-2)   Richard Flower   Toledo, University of, Toledo, Ohio.   (K-4)   C. G. Brenneck   Trinity College, Hartford, Conn.   (A-3)   H. D. Doolitrit   Trinity University, Waxahachie, Tex.   (A-3)   M. S. Yetta Mitchel   Tristate College, Angloal, Ind.   (K-varies)   Wm. A. Pfeife   Tufts College of Engineering, Medford   Mass.   (K-3)   Edwin B. Rollin   Tulsa, University of, Tulsa, Okla.   (A-2)   (D)   (E)   Ben G. Henneck   Tufts College of Engineering, Medford   Mass.   (K-3)   Edwin B. Rollin   Tulsa, University of, Tulsa, Okla.   (A-2)   (D)   (E)   Ben G. Henneck   Tuskegee Institute.   Tuskegee Institute.   (A-2)   (D)   (E)   Ben G. Henneck   Tuskegee Institute.   (A-2)   (D)   (E)   Ben G. Henneck   Tuskegee Institute.   (A-2)   (D)   (E)   (E	Texas Christian University, Fort Worth, Tex. (B-3) (F & G-3) (K-var.es)	Dr. Newton Gaines
Toledo, University of, Toledo, Ohio, (K.4)	rexas Dental College, Houston, Tex. (G)	McKinley Rhodes
	Toledo University of Toledo Obia (M.4)	
Trinsty University, Waxahachie, Tex. (A-3). Ms S Yetta Mitched Tri State College, Angola. Ind. (K-varies) Wm A Pfeife Tufts College of Engineering, Medford Mass. (K-3). Edwin B. Rollin Tufsa, University of, Tuits, Okla. (A-2). (D). (E). Ben G. Hennekk. Tuskegee Institute. Ala. (A-5). (K-5). W. C. Curti U.S. Naval Academy, Annapolis, Md. (K) W. C. Curti U.S. Naval Academy, Annapolis, Md. (K)	Trinity College Hartford Conn. (A-3)	C. G. Brennecke
Tri-State College, Angola. Ind. (K-varies)	Trinity University, Waxahachie, Tex. (A-3)	M'ss Yetta Mitchell
Jufts College of Engineering, Medford, Mass. (K.3)	Tri-State College, Angola, Ind. (K-varies)	Wm A Pfaifer
Tuskage Institute, Tuskage (Institute, Alia (A5) (K5).  Tuskage Institute, Alia (A5) (K5).  U. S. Naval Academy, Annapolis, Md. (K).  U. S. Naval Called, Call	Lutts College of Engineering Medford Mass (V 2)	E 1 '- B B 10'
Utah, University of, Salt Lake City, Utah, (A3) (B-3) (D-3) (G-3) (K-6). Dr. I. O. Horsfal Utah State Agricultural College, Logan, Utah. (A-5) (B-3) (D-3) (E-3) (K-16). Prof. S. R. Stack Vassar College, Poughkeepsie, N. Y. (F-1). Mrs. Henry Lyman Ventura Junior College, Ventura, Calif. (A-6) (G-6) (K-8). Burt Richardsor Vermont University of, Burlington, Vt. (K-3). E. R. Mcket Villanova College, Virginia, Minn. (A-2) (C) (D) (G). Mary E. Asseltynic Virginia Junior College, Virginia, Minn. (A-2) (C) (D) (G). Mary E. Asseltynic Virginia Polytechnic Institute, Blackburg, Va. (K-3). Roy Mary E. Asseltynic Virginia Polytechnic Institute, Blackburg, Va. (K-3). Roy Mary E. Asseltynic Virginia Polytechnic Institute, Blackburg, Va. (K-3). Roy Mary E. Asseltynic Virginia Polytechnic Institute, Blackburg, Va. (K-4). Dr. Shcrwood Githens, Jr. Roy Walla Walla College, College Place, Wash. (E-2) (F-2) (G-2) (K-3). Roy M. Masor Walla Walla College, College Place, Wash. (E-2) (F-2) (G-2) (K-3). A. A. A. Arda Warbburg Seminary, Dubuque, Iowa. (E) (H). Roy Mashington, University of, Seattle, Wash. (B-6) (C-3) (D-3) (E-2) (G-2) (K-2)	Tulsa, University of, Tulsa, Okla. (A-2) (D) (E)	Ben G. Henneke
Utah, University of, Salt Lake City, Utah, (A3) (B-3) (D-3) (G-3) (K-6). Dr. I. O. Horsfal Utah State Agricultural College, Logan, Utah. (A-5) (B-3) (D-3) (E-3) (K-16). Prof. S. R. Stack Vassar College, Poughkeepsie, N. Y. (F-1). Mrs. Henry Lyman Ventura Junior College, Ventura, Calif. (A-6) (G-6) (K-8). Burt Richardsor Vermont University of, Burlington, Vt. (K-3). E. R. Mcket Villanova College, Virginia, Minn. (A-2) (C) (D) (G). Mary E. Asseltynic Virginia Junior College, Virginia, Minn. (A-2) (C) (D) (G). Mary E. Asseltynic Virginia Polytechnic Institute, Blackburg, Va. (K-3). Roy Mary E. Asseltynic Virginia Polytechnic Institute, Blackburg, Va. (K-3). Roy Mary E. Asseltynic Virginia Polytechnic Institute, Blackburg, Va. (K-3). Roy Mary E. Asseltynic Virginia Polytechnic Institute, Blackburg, Va. (K-4). Dr. Shcrwood Githens, Jr. Roy Walla Walla College, College Place, Wash. (E-2) (F-2) (G-2) (K-3). Roy M. Masor Walla Walla College, College Place, Wash. (E-2) (F-2) (G-2) (K-3). A. A. A. Arda Warbburg Seminary, Dubuque, Iowa. (E) (H). Roy Mashington, University of, Seattle, Wash. (B-6) (C-3) (D-3) (E-2) (G-2) (K-2)	Tuskegee Institute, Tuskegee Institute, Ala. (A-5) (K-5)	W. C. Curtis
Utah State Agricultural College, Logan, Utah. (A-5) (B-3) (B-3) (E-3) (K-16) Prof. S. R. Stock Vassar College. Poughkeepsie, N. Y. (F-1) Ventura Junior College, Ventura, Calif. (A-6) (G-6) (K-8) Burt Richardsor Vermont University of, Burlington, Vt. (K-3).  Vermont University of, Burlington, Vt. (K-3).  E. R. Mcket Vilginary Doublege, Vilginia, Minn. (A-2) (C) (D) (G) Mary E. Asseltynt Vilginia Punior College, Virginia, Minn. (A-2) (C) (D) (G) Mary E. Asseltynt Virginia Punior College, Virginia, Minn. (A-2) (C) (D) (G) Mary E. Asseltynt Virginia Polytechnic Institute. Blackburg, Va. (K-3).  Wake Forest College, Wake Forest, N. C. (K-4).  Wake Forest College, Wake Forest, N. C. (K-4).  Waldorf College, Forest City, Ia. (B-1) Rev. (M-3).  Waldorf College, Forest City, Ia. (B-1) Rev. (M-3).  Waldorf College, Waverly, Iowa. (K-3).  Warburg Seminary, Dubuque, Iowa. (K-3).  Washington, University of, Seattle, Wash. (B-6) (C-3) (D-3) (E-2) (G-2) (K-3).  (K-varies) Professor L. V. Cochrar (K-varies) Dr. H. A. Dixor Webster College, Webster Groves, Mo. (B-1) (D).  Weber College, Webster Groves, Mo. (B-1) (D).  Webleselvan University, Middleton, Conn. (E) (K-varies) Dr. H. A. Dixor Webster College, Webslesh Mass. (A-3).  West Virginia State College, Institute, Va. (A-3).  West Virginia State College, Institute, Va. (A-3).  West Virginia State College, Institute, Va. (A-3).  West Virginia University, Morgantown, W. Va. (A-3) (F-1) (G-3) (K-3).  West Virginia University, Cleveland, Ohio. (C-2) (E-2).  Western Reserve University, Cleveland, Ohio. (C-2) (E-2).  Western Reserve University of Morgantown, W. Va. (A-3).  West Urginia University of Morgantown, W. Va. (A-3).  West Williame College, Welliamsburg, Va. (G-6) (H).  Western Reserve University of, Williamsburg, Va. (G-6) (H).  Williams College, Williamsburg, Va. (G-6) (H).  Williams College, Williamsburg, Va. (G-6) (H).  Williams College, Williamsburg, Va. (G-7) (E-4	U. J. Naval Academy, Annapolis, Md. (K)	F T Wastridge
Vassar College, Poughkeepsie, N. Y. (F-1). Ventura Junior College, Ventura, Calif. (A-6) (G-6) (K-8)  Wermont University of, Burlington, Vt. (K-3).  E. R. Mcket Villanova College, Villanova, Pa. (A-4). Virginia Junior College, Virginia, Minn. (A-2) (C) (D) (G)  Mary E. Asseltynt Virginia Polytechnic Institute, Blackburg, Va. (K-3).  R. D. Michae Wake Forest College, Wake Forest, N. C. (K-4).  Waldorf College, Forest City, Ia. (B-1).  Waldorf College, Forest City, Ia. (B-1).  Walla Walla College, College Place, Wash. (E-2) (F-2) (G-2) (K-3).  Walla Walla College, College Place, Wash. (E-3).  Warrburg Seminary, Dubuque, Iowa. (K-3).  Washington, University of, Seattle, Wash. (B-6) (C-3) (D-3) (E-2) (G-2)  (K-varies)  Wayne University, Detroit, Mich. (A-2) (B-2) (C-2) (D-2) (F-2) (G-2) (K-2)  (L-2)  Webster College, Webster Groves, Mo. (B-1) (D)  Webster College, Webster Groves, Mo. (B-1) (D)  Wester Liberty State Teachers College, West Liberty, W. Va. (A-2) (K-3).  West Virginia State College, Institute, Va. (A-3).  West Virginia State College, Institute, Va. (A-3).  West Virginia State Teachers College, Macomb, Ill. (A-4).  Western Reserve University, Morgantown, W. Va. (A-2)  Western Reserve University, Cleveland, Ohio. (C-2) (E-2)  Western Reserve University, Salem, Ore. (B) (H)  Western Robert College, Whattier, Calif. (A-3)  Western Robert College, Whattier, Calif. (A-3)  Western Robert College, Wolliamsburg, Va. (G-B-3)  Whitman College, Whittier, Calif. (A-3)  Whitman College, Walla Walla, Wash. (A-2).  Whitman College, Williamsburg, Va. (G-B-3)  Whitman College, Williamsburg, Va. (G-B-3)  Western Robert College, Williamsburg, Va. (G-B-3)  Whitman College, Williamsburg, Va. (G-B-3)  Whitman College, Williamsburg, Va. (G-B-3)  Western Robert College, Williamsburg, Va. (G-B-3)  We	Utah State Agricultural College Legan Utah (A-5) (B-3) (B-3) (K-6)	Dr. I. O. Horsfall
Vermont University of, Burlington, Vt. (K-3).  Vermont University of, Burlington, Vt. (K-3).  E. R. Mcket Villanova College, Villanova, Pa. (A-4).  Virginia Junior College, Virginia, Minn. (A-2). (C). (D). (G).  Mary E. Asseltynt Virginia Polytechnic Institute, Blackburg, Va. (K-3).  Waldorf College, Wake Forest, N. C. (K-4).  Waldorf College, Forest City, Ia.  Waldorf College, Forest City, Ia.  Waldorf College, Gollege Place, Wash. (E-2). (F-2). (G-2). (K-3).  M. L. Nef Warbburg College, Waverly, Iowa. (K-3).  Warbburg College, Waverly, Iowa. (K-3).  Washington, University of, Seattle, Wash. (B-6). (C-3). (D-3). (E-2). (G-2).  (K-varies).  Washington College, Chesterton, Md. (K-4).  Wayne University, Detroit, Mich. (A-2). (B-2). (C-2). (D-2). (F-2). (G-2). (K-2).  (L-2).  Weber College, Ogden, Utah. (C-3).  Webster College, Webster Groves, Mo. (B-1). (D).  Webster College, Webster Groves, Mo. (B-1). (D).  Weslevan University, Middleton, Conn. (E). (K-varies).  West Virginia State College, Institute, Va. (A-3).  West Virginia University, Morgantown, W. Va. (A-3). (F-1). (G-3). (K-3).  West Virginia University, Morgantown, W. Va. (A-3). (F-1). (G-3). (K-3).  Western State Teachers College, Macomb, Ill. (A-4).  Western State Teachers College, Wallawalla, Wash. (A-2).  Western State Teachers College, Wallawalla, Wash. (A-2).  Western State Teachers College, Wallawalla, Wash. (A-2).  Whittian College, Williamsburg, Va. (G & E-3).  Whitman Coll	Vassar College Poughkeensie N Y (F-1)	Mrs. Hanni Liman
Vermont University of Burlington, Vr. (K-3).  Villanova College, Villanova, Pa. (A-4).  Virginia Junior College, Virginia, Minn. (A-2). (C). (D). (G).  Mary E. Asseltynt Virginia Polytechnic Institute, Blackburg, Va. (K-3).  R. D. Michae Wake Forest College, Wake Forest, N. C. (K-4).  Dr. Sherwood Githens, Jr. Waldorf College, Forest City, Ia. (B-1).  Walla Walla College, Forest City, Ia. (B-1).  Walla Walla College, Forest City, Ia. (B-1).  Walla Walla College, College Place, Wash. (E-2). (F-2). (G-2). (K-3).  M. L. Nef Wartburg College, Waverly, Iowa.  (K-3).  Washington, University, Debroit, Mich. (B-6). (C-3). (D-3). (E-2). (G-2).  (K-varies).  Washington, University, Detroit, Mich. (A-2). (B-2). (C-2). (D-2). (F-2). (G-2). (K-2).  (L-2).  Weber College, Ogden, Utah. (C-3).  Webster College, Webster Groves, Mo. (B-1). (D).  Webster College, Webster Groves, Mo. (B-1). (D).  Wester College, Webster Groves, Mo. (B-1). (D).  Wester Liberty State Teachers College, West Liberty, W. Va. (A-2). (K-3).  West Virginia University, Middleton, Conn. (E). (K-varies).  West Virginia State College, Institute, Va. (A-3).  West Virginia University, Morgantown, W. Va. (A-3). (F-1). (G-3). (K-3).  Western State Teachers College, Macomb, Ill. (A-4).  Western State Teachers College, Malamazoo, Mich. (K-4).  Western State Teachers College, Kalamazoo, Mich. (K-4).  Western State Teachers College, Wallawalla, Wash. (A-2).  Whitman College, Walla Walla, Wash. (A-2).  Whitman College, Williamstown, Mass. (K-3).  Whitman College, Williamstown, Mass. (K-3).  Western State Teachers College, Kalamazoo, Mich. (K-4).  William & Mary College, Williamstown, Mass. (K-3).  Whitman College, Williamstown, Mass. (K-3).  Whitman College, Williamstown, Mass. (K-3).  Whitman College, Williamstown, Mass. (K-2).  Whaton College, Williamstown, Mass. (K-3).  Whitman College, Williamsto	Ventura Junior College, Ventura Calif. (A-6) (G-6) (K-8)	Rust Pichardson
Villanova College, Villanova, Pa. (A-4).  Virginia Junior College, Virginia, Minn. (A-2) (C) (D) (G)  Mary E. Asseltync Virginia Polytechnic Institute, Blackburg, Va. (K-3).  Virginia Polytechnic Institute, Blackburg, Va. (K-3).  Waldorf College, Eorest City, Ia. (B-1)  Waldorf College, College Place, Wash. (E-2) (F-2) (G-2) (K-3).  M. L. Nef Wartburg College, Waverly, Iowa. (K-3).  Walla Walla College, College Place, Wash. (E-2) (F-2) (G-2) (K-3).  M. L. Nef Wartburg Seminary, Dubuque, Iowa. (E) (H).  E. H. Schalkhause Washington, University of Seattle, Wash. (B-6) (C-3) (D-3) (E-2) (G-2)  (K-varies)  Washington College, Chesterton, Md. (K-4).  Washington College, Chesterton, Md. (K-4).  Washington College, Chesterton, Md. (K-4).  Washington College, Ogden, Utah. (C-3)  Weber College, Ogden, Utah. (C-3).  Weber College, Webster Groves, Mo. (B-1) (D).  Welseley College, Welcsley, Mass. (A-3).  Welseleyan University, Middleton, Conn. (E) (K-varies).  West Liberty State Teachers College, West Liberty, W. Va. (A-2) (K-3).  West Virginia State College, Institute, Va. (A-3).  West Virginia State College, Institute, Va. (A-3).  Western Reserve University, Morgantown, W. Va. (A-3) (F-1) (G-3) (K-3).  Western Reserve University, Cleveland, Ohio. (C-2) (E-2).  Grazella P. Sherhere Western State Teachers College, Kalamazoo, Mich. (K-4).  Western State Teachers College, Wallawalla, Wash. (A-2).  Western State Teachers College, Williamsburg, Va. (G-2) (E-2).  Western State Teachers College, Williamsburg, Va. (G-3) (D-2).  Western State Teachers College, Williamsburg, Va. (G-2).  Western State Teachers College, Williamsburg, Va. (G-3).  C. L. Nystrom Williams College, Williamsburg, Va. (G-2).  Calvin N. Washield Williams College, Williamsburg, Va. (G-3) (G-2).  Western State Teachers College, Williamsburg, Va. (G-3).  Calvin N. Washield Williams College, W	Vermont University of Burlington, Vt. (K-3).	F R Mckee
Virginia Polytechnic Institute, Blackburg, Va.       (K-3).       R. D. Michae         Wake Forest College, Wake Forest, N. C.       (K-4).       Dr. Shcrwood Githens, Jr.         Waldorf College, Forest City, Ia.       (B-1).       Rev. J. M. Masor         Walla Walla College, College Place, Wash.       (E-2) (F-2) (G-2) (K-3).       A. A. Aarda         Wartburg College, Waverly, Iowa.       (K-3).       A. A. Aarda         Wartburg Seminary, Dubuque, Iowa.       (E) (H).       E. H. Schalkhause         Washington, University of Seattle, Wash.       (B-6) (C-3) (D-3) (E-2) (G-2)       (G-2)         (K-varies)       Professor L. V. Cochrar         Washington College, Chesterton, Md.       (K-4).       Professor L. V. Cochrar         Wayne University, Detroit, Mich.       (G-2) (B-2) (F-2) (G-2) (F-2) (G-2)       (K-2)         Webster College, Webster Groves, Mo.       (B-1) (D).       Anna McClain Sankey         Wellesley College, Webster Groves, Mo.       (B-1) (D).       Anna McClain Sankey         West Liberty State Teachers College, Webst Liberty, W. Va.       (A-2) (K-3).       Dr. Paul N. Elbin         West Virginia State College, Institute, Va.       (A-3) (F-1) (G-3) (K-3).       A. W. Frienc         Western Reserve University, Morgantown, W. Va.       (A-3) (F-1) (G-3) (K-3).       A. W. Fienc         Western State Teachers College,	Villanova College, Villanova, Pa. (A-4)	H. S. Bucche
Virginia Polytechnic Institute, Blackburg, Va.       (K-3).       R. D. Michae         Wake Forest College, Wake Forest, N. C.       (K-4).       Dr. Shcrwood Githens, Jr.         Waldorf College, Forest City, Ia.       (B-1).       Rev. J. M. Masor         Walla Walla College, College Place, Wash.       (E-2) (F-2) (G-2) (K-3).       A. A. Aarda         Wartburg College, Waverly, Iowa.       (K-3).       A. A. Aarda         Wartburg Seminary, Dubuque, Iowa.       (E) (H).       E. H. Schalkhause         Washington, University of Seattle, Wash.       (B-6) (C-3) (D-3) (E-2) (G-2)       (G-2)         (K-varies)       Professor L. V. Cochrar         Washington College, Chesterton, Md.       (K-4).       Professor L. V. Cochrar         Wayne University, Detroit, Mich.       (G-2) (B-2) (F-2) (G-2) (F-2) (G-2)       (K-2)         Webster College, Webster Groves, Mo.       (B-1) (D).       Anna McClain Sankey         Wellesley College, Webster Groves, Mo.       (B-1) (D).       Anna McClain Sankey         West Liberty State Teachers College, Webst Liberty, W. Va.       (A-2) (K-3).       Dr. Paul N. Elbin         West Virginia State College, Institute, Va.       (A-3) (F-1) (G-3) (K-3).       A. W. Frienc         Western Reserve University, Morgantown, W. Va.       (A-3) (F-1) (G-3) (K-3).       A. W. Fienc         Western State Teachers College,	Virginia Junior College, Virginia, Minn. (A-2) (C) (D) (G)	Mary E. Asseltyne
Waldorf College, Forest City, Ia. (B-1).  Walla Walla College, College Place, Wash. (E-2) (F-2) (G-2) (K-3).  M. L. Nef Wartburg College, Waverly, Iowa. (K-3).  A. A. Aarda Wartburg Seminary, Dubuque, Iowa. (E) (H).  Washington, University of, Seattle, Wash. (B-6) (C-3) (D-3) (E-2) (G-2) (K-2) (K-2) (K-2) (K-2) (Washington, University, Detroit, Mich. (A-2) (B-2) (C-2) (D-2) (F-2) (G-2) (K-2) (G-2) (L-2) (L-2)  Weber College, Ogden, Utah. (C-3).  Weber College, Webster Groves, Mo. (B-1) (D).  Webster College, Webster Groves, Mo. (B-1) (D).  Weslesque, College, Wellseley, Mass. (A-3).  Wellesley, College, Wellseley, Mass. (A-3).  West Liberty State Teachers College, West Liberty, W. Va. (A-2) (K-3).  West Virginia University, Morgantown, W. Va. (A-3) (F-1) (G-3) (K-3).  Western Illinois State Teachers College, Macomb, III. (A-4).  Western State Teachers College, Macomb, III. (A-4).  Western State Teachers College, Kalamazoo, Mich. (K-4).  Westminster College, Fulton, Mo. (K-4).  Westminster College, Fulton, Mo. (K-4).  Westminster College, New Wilmington, Pa. (D-1).  Whittier College, Walla Walla, Wash. (A-2).  Whittier College, Whittier, Calif. (A-3) (B-2) (D-2)  William & Mary College, Williamsburg, Va. (G & E-3)  William & Mary College, Williamsburg, Va. (G & E-3)  William & Mary College, Williamsburg, Va. (G-3) (F-2) (E-2)  Woman's College, Williamsburg, Va. (G-3) (G-2) (E-2)  Woman's College, Williamsburg, Va. (G-3) (G-2) (E-3)  Winner State Teachers College, Winner, Mass. (K-2).  William & Mary College, Williamsburg, Va. (G-3) (G-2) (E-4) (H-2)  Wisconsin, University of, Madison, Wis. (A-2) (C-2) (E-4) (H-2)  H. B. McCarty Woman's College of University of N. C. Greensboro, N. C. (K-3)  Louis A. Mallory Wavering, University of, Laramie, Wyo. (C-3) (D-3) (F-2) (K-3)  James P. Glenn York College, York, Nebr. (A) (B) (D) (E) (G) (J) (K)  H. W. Haugan York College, York, Nebr. (A) (B) (D) (E) (G) (J) (K)	Virginia Polytechnic Institute, Blackburg, Va. (K-3)	R. D. Michael
Walla Walla College, College Place, Wash. (E-2) (F-2) (G-2) (K-3).  Marburg College, Waverly, Iowa. (K-3).  Washington, University of, Seattle, Wash. (B-6) (C-3) (D-3) (E-2) (G-2) (K-varies).  Washington College, Chesterton, Md. (K-4).  Weber College, Ogden, Utah. (C-3).  Weber College, Ogden, Utah. (C-3).  Webster College, Webster Groves, Mo. (B-1) (D).  Webster College, Webster Groves, Mo. (B-1) (D).  Wesleyan University, Middleton, Conn. (E) (K-varies).  Wesleyan University, Middleton, Conn. (E) (K-varies).  Wesleyan University, Middleton, Conn. (E) (K-varies).  West Virginia State College, West Liberty, W. Va. (A-2) (K-3).  West Virginia State College, West Liberty, W. Va. (A-2) (K-3).  West Virginia State College, West Liberty, W. Va. (A-3).  West Virginia University, Morgantown, W. Va. (A-3).  West Virginia University, Morgantown, W. Va. (A-3).  Western Reserve University, Cleveland, Ohio. (C-2) (E-2).  Western State Teachers College, Kalamazoo, Mich. (K-4).  Western State Teachers College, Kalamazoo, Mich. (K-4).  Westminster College, New Wilmington, Pa. (D-1).  Westminster College, Walla Walla, Wash. (A-2).  Whittier College, Walla Walla, Wash. (A-2).  Whittier College, Williamsburg, Va. (G-B-2).  Whittier College, Williamsburg, Va. (G-B-3).  Williams College, Williamsburg, Va. (G-B-3).  Williams College, Williamsburg, Va. (G-B-3).  Williams College, Williamsburon, Mass. (K-3).  Williams College, Williamsburon, Mass. (K-2).  Worcester Polytechnic Institute, Worcester, Mass. (K-2).  Worcester Polytechnic Institute, Worcester, Mass. (K-2).  Vavier Owntown College, Cincinnati, Ohio. (F-2) (K-3).  Louis A Mallory College, York, Nebr. (A) (B) (D) (E) (G) (J) (K).  H. W. Haugan	Wake Forest College, Wake Forest, N. C. (K-4).	Dr. Sherwood Githens, Jr.
Wartburg College, Waverly, Iowa. (K-3).  Wartburg Seminary, Dubuque, Iowa. (E) (H).  E. H. Schalkhause: Washington, University of, Seattle, Wash. (B-6) (C-3) (D-3) (E-2) (G-2)  (K-varies)  Washington College, Chesterton, Md. (K-4).  Wayne University, Detroit, Mich. (A-2) (B-2) (C-2) (D-2) (F-2) (G-2) (K-2)  (L-2)  Weber College, Ogden, Utah. (C-3).  Webster College, Webster Groves, Mo. (B-1) (D).  Webster College, Webster Groves, Mo. (B-1) (D).  Anna McClain Sankey Wellesley College, Wellesley, Mass. (A-3).  West Liberty, State Teachers College, West Liberty, W. Va. (A-2) (K-3).  West Virginia State College, Institute, Va. (A-3).  West Virginia State College, Institute, Va. (A-3).  Western Illinois State Teachers College, Macomb. Ill. (A-4).  Western State Teachers College, Macomb. Ill. (A-4).  Western State Teachers College, Macomb. Ill. (A-4).  Western State Teachers College, Kalamazoo, Mich. (K-4).  Western State Teachers College, Kalamazoo, Mich. (K-4).  Westminster College, Wheaton, Ill. (A-3).  Westminster College, Wheaton, Ill. (A-3).  Westminster College, Wheaton, Ill. (A-3).  Westminster College, Whaton, Ill. (A-3).  Westminster College, Whaton, Ill. (A-3).  Westminster College, Whaton, Ill. (A-3).  Westminster College, Whittier, Calif. (A-3).  Westminster College, Whittier, Calif. (A-3).  Westminster College, Whittier, Calif. (A-3).  Williams Mary College, Williamsburg, Va. (G & E-3).  Williams Mary College, Williamsburg, Va. (G & E-3).  Williams College, Williamsburg, Va. (G & E-3).  Williams College, Williamsburg, Va. (G-2) (E-4) (H-2).  Williams College, Williamsburg, Va. (G-2) (E-2).  Woman's College of University of N. C., Greensboro, N. C. (K-3).  Calvin N. Warfield Worcester Polytechnic Institute, Wo. (C-3) (D-3) (F-2) (K-3).  Louis A. Mallory College, Williams A. (B).  Worcester Polytechnic Institute, Worcester, Mass. (K-2).  Work College, York, Nebr. (A) (B).  Work College, (Ill. (A).  We Hausen.  Western State Teachers College, Williamsburg, Va. (G-3) (C-3) (C-4).  Worcester Polytechnic Inst	Wallo Walls Callage Callage Man (8-1)	Rev. J. M. Mason
Warburg Seminary, Dubuque, Iowa, (E) (H).  Washington, University of, Seattle, Wash. (B-6) (C-3) (D-3) (E-2) (G-2) (K-varies).  Washington College, Chesterton, Md. (K-4).  Washington College, Chesterton, Md. (K-4).  Washington College, Chesterton, Md. (K-4).  (L-2).  Weber College, Ogden, Utah. (C-3).  Weber College, Ogden, Utah. (C-3).  Webster College, Webster Groves, Mo. (B-1) (D).  Webster College, Webster Groves, Mo. (B-1) (D).  Wesleyan University, Middleton, Conn. (E) (K-varies).  West Liberty State Teachers College, West Liberty, W. Va. (A-2).  West Virginia State College, Institute, Va. (A-3).  West Virginia University, Morgantown, W. Va. (A-3) (F-1) (G-3) (K-3).  Western Reserve University, Cleveland, Ohio. (C-2) (E-2).  Westminster College, Fulton, Mo. (K-4).  Westminster College, New Wilmington, Pa. (D-1).  Westminster College, Whatla, Walla, Wash. (A-2).  Whitman College, Whatla, Walla, Wash. (A-2).  Whitman College, Walla Walla, Wash. (A-2).  Williamette University, Salem, Ore. (B) (H).  Williams College, Williamstown, Mass. (K-3).  Williams College, Williamstown, Mass. (K-3).  Williams College, Williamstown, Mass. (K-3).  Williams College, Williamstown, Mass. (K-2).  Woman's College, Williamstown, Mass. (K-2).  Woman's College, Williamstown, Mass. (K-2).  Woman's College, Clincinnati, Ohio. (F-2).  James P. Glenn York College, York, Nebr. (A) (B) (D) (E) (G) (J) (K).  H. W. Haugan York College, York, Nebr. (A) (B) (D) (E) (G) (J) (K).	Warthurg College, Warely Jours (K-2) (F-2) (G-2) (K-3)	M. L. Neft
Washington, University of, Seattle, Wash. (B-6) (C-3) (D-3) (E-2) (G-2) (K-varies)	Warthurg Seminary Duhuque Iowa (F) (H)	F H Schallbauen
(K-varies) Washington College, Chesterton, Md. (K-4) Wayne University, Detroit, Mich. (A-2) (B-2) (C-2) (D-2) (F-2) (G-2) (K-2)  (L-2)  (L-2)  Weber College, Ogden, Utah. (C-3) Webster College, Webster Groves, Mo. (B-1) (D) Webster College, Webster Groves, Mo. (B-1) (D) Wellesley College, Webster Groves, Mo. (B-1) (D) Wesleyan University, Middleton, Conn. (E) (K-varies) Wesleyan University, Middleton, Conn. (E) (K-varies) West Liberty State Teachers College, West Liberty, W. Va. (A-2) West Liberty State College, Institute, Va. (A-3) West Virginia State College, Institute, Va. (A-3) West Virginia University, Morgantown, W. Va. (A-3) (F-1) (G-3) (K-3) Western Illinois State Teachers College, Maccomb, Ill. (A-4) Western State Teachers College, Maccomb, Ill. (A-4) Western State Teachers College, Kalamazoo, Mich. (K-4) Western State Teachers College, Kalamazoo, Mich. (K-4) Westminster College, Pulton, Mo. (K-4) Westminster College, New Willmington, Pa. (D-1) Whaton College, Wheaton, Ill. (A-3) Wheaton College, Whaton, Ill. (A-3) Whitman College, Walla Walla, Wash. (A-2) Whitman College, Williamsburg, Va. (B-2) Williamette University, Salem, Ore. (B) (H) Williams & Mary College, Williamsburg, Va. (G & E-3) Williams College, Williamstown, Mass. (K-3) Williams College, Williamstown, Mass. (K-3) Wisconsin, University of, Madison, Wis. (A-2) (C-2) (E-4) (H-2) H. B. McCarty Woman's College of University of N. C., Greensboro, N. C. (K-3) Calvin N. Warfield Worcester Polytechnic Institute, Worcester, Mass. (K-2) Woman's College, York, Nebr. (A) (B) (D) (E) (G) (J) (K) H. W. Haugan	Washington University of Seattle, Wash (B-6) (C-3) (D-3) (E-2) (G-2)	II. Schalkhauser
Wayne University, Detroit, Mich. (A-2) (B-2) (C-2) (D-2) (F-2) (G-2) (K-2)  (L-2)	(K-varies)	Professor L. V. Cochran
Weber College, Ogden, Utah. (C-3) Webster College, Webster Groves, Mo. (B-1) (D) Webster College, Webster Groves, Mo. (B-1) (D) Weslesley College, Wellesley, Mass. (A-3) Wesleyan University, Middleton, Conn. (E) (K-varies) Wesleyan University, Middleton, Conn. (E) (K-varies) West Liberty State Teachers College, West Liberty, W. Va. (A-2) West Virginia State College, Institute, Va. (A-3) West Virginia State College, Institute, Va. (A-3) West Virginia University, Morgantown, W. Va. (A-3) (F-1) (G-3) (K-3) Western Illinois State Teachers College, Macomb, Ill. (A-4) Western Reserve University, Cleveland, Ohio. (C-2) (E-2) Grazella P. Sherhere Western State Teachers College, Kalamazoo, Mich. (K-4) Westminster College, Fulton, Mo. (K-4). Westminster College, Fulton, Mo. (K-4). Wallace R. Biggs Westminster College, New Wilmington, Pa. (D-1) Wallace R. Biggs Wheaton College, Walla Walla, Wash. (A-2). Whittier College, Whittier, Calif. (A-3) (B-2) (D-2) Whittier College, Whittier, Calif. (A-3) (B-2) (D-2) Wichita, University of, Wichita, Kans. (A-2)  Williams College, Williamsburn, Mass. (K-3) Williams College, Williamsburn, Mass. (K-3) Winona State Teachers College, Winona, Minn. (B) (G) (H) Dr. Ella Murphy Wisconsin, University of, Madison, Wis. (A-2) (C-2) (E-4) (H-2) H. B. McCarty Woman's College of University of N. C. Greensboro, N. C. (K-3) Calvin N. Warfield Worcester Polytechnic Institute, Worcester, Mass. (K-2) Louis A. Mallory Xavier Downtown College, Cincinnati, Ohio. (F-2) James P. Glenn York College, York, Nebr. (A) (B) (D) (E) (G) (J) (K) H. W. Haugan	Washington College, Chesterton, Md. (K-4)	<b>J</b> . J. Coop
Webster College, Webster Groves, Mo. (B-1) (D)  Wellesley College, Webster Groves, Mo. (B-1) (D)  Wellesley College, Wellesley, Mass. (A-3)  West Verles Teachers College, West Liberty, W. Va. (A-2) K-3)  West Liberty State Teachers College, West Liberty, W. Va. (A-2) K-3)  West Virginia State College, Institute, Va. (A-3)  West Virginia University, Morgantown, W. Va. (A-3) (F-1) (G-3) (K-3)  West Virginia University, Morgantown, W. Va. (A-3) (F-1) (G-3) (K-3)  Western Illinois State Teachers College, Macomb, Ill. (A-4)  Western Illinois State Teachers College, Macomb, Ill. (A-4)  Western State Teachers College, Kalamazoo, Mich. (K-4)  Western State Teachers College, Kalamazoo, Mich. (K-4)  Western State Teachers College, Kalamazoo, Mich. (K-4)  Westminster College, Fulton, Mo. (K-4)  Westminster College, New Wilmington, Pa. (D-1)  Wallace R. Bigg: Wheaton College, Walla Walla, Wash. (A-2)  Whittier College, Whatier, Calif. (A-3) (B-2) (D-2)  Whittier College, Whittier, Calif. (A-3) (B-2) (D-2)  Whittier College, Williamstorn, Mass. (K-2)  Williams College, Williamstorn, Mass. (K-3)  Williams College, Williamstorn, Mass. (K-3)  Williams College, Williamstorn, Mass. (K-3)  Wisconsin, University of, Madison, Wis. (A-2) (C-2) (E-4) (H-2)  H. B. McCarty Woman's College of University of N. C. Greensboro, N. C. (K-3)  Louis A. Mallory College, Cincinnati, Ohio. (F-2)  Vork College, York, Nebr. (A) (B) (D) (E) (G) (J) (K)  H. W. Haugan		
Wellesley College, Wellesley, Mass. (A-3) Wesleyan University, Middleton, Conn. (E) (K-varies) West Liberty State Teachers College, West Liberty, W. Va. (A-2) West Virginia State College, Institute, Va. (A-3) West Virginia University, Morgantown, W. Va. (A-3) West Virginia University, Morgantown, W. Va. (A-3) Western Illinois State Teachers College, Macomb, Ill. (A-4) Western Reserve University, Cleveland, Ohio. (C-2) (E-2) Western State Teachers College, Kalamazoo, Mich. (K-4) Westminster College, Fulton, Mo. (K-4). Westminster College, New Wilmington, Pa. (D-1) Westminster College, New Wilmington, Pa. (D-1) Whitman College, Wheaton, Ill. (A-3) Whittier College, Whittier, Calif. (A-3) William & Mary College, Williamsburg, Va. (G & E-3) Williams College, Williamsburg, Va. (G & E-3) Williams College, Williamsburg, Va. (G & E-3) Winona State Teachers College, Winona, Minn. (B) (G) (H) Wisconsin, University of, Madison, Wis. (A-2) (C-2) (E-4) (H-2) Woman's College of University of N. C., Greensboro, N. C. (K-3) Worcester Polytechnic Institute, Worcester, Mass. (K-2) Wyoming, University of, Laramie, Wyo. (C-3) (D-3) (F-2) (K-3) York College, York, Nebr. (A) (B) (D) (E) (G) (J) (K) H. W. Haugan		Garnet Garrison
Wellesley College, Wellesley, Mass. (A-3) Wesleyan University, Middleton, Conn. (E) (K-varies) West Liberty State Teachers College, West Liberty, W. Va. (A-2) West Virginia State College, Institute, Va. (A-3) West Virginia University, Morgantown, W. Va. (A-3) West Virginia University, Morgantown, W. Va. (A-3) Western Illinois State Teachers College, Macomb, Ill. (A-4) Western Reserve University, Cleveland, Ohio. (C-2) (E-2) Western State Teachers College, Kalamazoo, Mich. (K-4) Westminster College, Fulton, Mo. (K-4). Westminster College, New Wilmington, Pa. (D-1) Westminster College, New Wilmington, Pa. (D-1) Whitman College, Wheaton, Ill. (A-3) Whittier College, Whittier, Calif. (A-3) William & Mary College, Williamsburg, Va. (G & E-3) Williams College, Williamsburg, Va. (G & E-3) Williams College, Williamsburg, Va. (G & E-3) Winona State Teachers College, Winona, Minn. (B) (G) (H) Wisconsin, University of, Madison, Wis. (A-2) (C-2) (E-4) (H-2) Woman's College of University of N. C., Greensboro, N. C. (K-3) Worcester Polytechnic Institute, Worcester, Mass. (K-2) Wyoming, University of, Laramie, Wyo. (C-3) (D-3) (F-2) (K-3) York College, York, Nebr. (A) (B) (D) (E) (G) (J) (K) H. W. Haugan	Webster College, Ugden, Utan, (C-3)	Anna McClain Sankov
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	York College, York, Nebr. (A) (B) (D) (E) (G) (J) (K)	M. W. Haugan

## F. C. C. Non-Commercial Educational Broadcast Stations

(As of January 1, 1941)

The term "non-commercial educational broadcast station" means a station licensed to an organized non-profit educational agency for the advancement of its educational work and for the transmission of educational and entertainment programs.

Licensee and Location	Call Letters	Frequency (K	c) Power
Board of Education of San Francisco, Unified School District, San Fran-		. –	
cisco, Calif	KALW	42100	1000 w (C. P. only)
University of Kentucky, Beattyville, Ky, Board of Education, City of New York,	WBKY	41900	100 w (C. P. only)
Brooklyn, N. Y.  Cleveland City Board of Education.  (Charles H. Lake, Superintendent)	WNYE	41100	100 w
Cleveland, Ohio	WBOE	41500	500 w

#### F. C. C. Regulations Regarding Non-Commercial Broadcast Stations

#### Operation and Service

The operation of, and the service furnished by, non-commercial educational broadcast stations shall be governed by

the following regulations:

(a) A non-commercial educational broadcast station will be licensed only to an organized non-profit educational agency and upon a showing that the station will be used for the advancement of the agency's educational program particularly with regard to use in an educational system consisting of several units.

(b) Each station may transmit programs directed to specific schools in the system for use in connection with the regular courses as well as routine and administrative material pertaining to the school system and may transmit educational and entertainment programs

to the general public.

(c) Each station shall furnish a non-profit and non-commercial broadcast service. No sponsored or commercial program shall be transmitted nor shall commercial announcements of any character be made. A station shall not transmit the programs of other classes of broadcast stations unless all commercial announcements and commercial references in the continuity are eliminated.

#### **Power Requirements**

The operating power of non-commercial education broadcast stations shall

be not less than 100 watts or greater than 1000 watts unless a definite need for

greater power is shown.

The transmitter of each non-commercial educational broadcast station shall be equipped with automatic frequency control apparatus so designed and constructed that it is capable of maintaining the operating frequency within plus or minus 0.01 percent of the assigned frequency.

Non-commercial educational broadcast stations are not required to operate on any definite schedule or minimum hours.

The transmitting equipment, installation, and operation as well as the location of the transmitter shall be in conformity with the requirements of good engineering practice as released from time to time by the Commission.

#### Frequencies Allotted

The following frequencies are allotted for assignment to non-commercial educational broadcast stations:

42,100 kc. 42,300 kc. 42,500 42,700 42,900

Stations serving the same area will not be assigned adjacent frequencies.

Frequency modulation shall be employed exclusively unless it is shown that there is a special need for the use of amplitude modulation.

Only one frequency will be assigned to

a station.



# THE TECHNICAL SIDE



1940 ———— 1941



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# R C A REVIEWS THE TECHNICAL PROGRESS OF RADIO IN 1940

Out of the ultra-high frequency field, once regarded as the "graveyard of wireless," came 1940's outstanding tech-

nical advance in radio.

Late in January, 1940, the Radio Corporation of America announced the development of the radio relay method of transmitting television to the point where it was ready for the first application as a public service. The development is designed to make possible the establishment of inter-city television networks similar in effect to the wire networks of sound broadcasting. It is expected that in the future relay stations, located approximately 30 milesapart, the actual distance depending on terrain, will carry television signals across country in a narrow beam.

Today there are no "useless" waves in radio; the engineer confesses that "the surface has not been scratched." In search of technical advantages of ultrahigh frequencies, two methods of transmission are under test: amplitude modulation as used in standard broadcasting and frequency modulation, popularly ab-

breviated "FM."

To meet the requirements of "FM," as well as of sound channel broadcasting for television, complete lines of standard transmitters of 250 watts to 50,000 watts were designed by several manufacturing companies. The requirements of these transmitters necessitated development of new tubes. Among them are a forced air-cooled triode, two types of which will produce a 3 kilowatt carrier; a forced air-cooled tetrode, of approximately the same rating, which may be operated on frequencies up to 108 megacycles; and a water-cooled tube having a capability of 25 kilowatts in the range of frequency modulated wavelengths.

Of major importance to the "FM"

field were exhaustive measurements made during the year, notably those by engineers of the National Broadcasting Company, to determine how much of the theoretical advantage of "FM" could be obtained in practice. A detailed account of the NBC engineers' findings was published in the RCA Review, October, 1940.

Spurred on by the call of national defense, development of transmission and reception devices operating on frequencies in the 100-150 megacycle band reached a new high in 1940. Expansion occurred chiefly in the aviation services and covered special instruments for direction finding, "blind" landing, and general air traffic control communications over short distances in and around air-

ports

Engineers report that the importance of technical advances in the application of ultra-high frequencies cannot be overemphasized. It is pointed out that these tiny wave channels are usually free of static and other forms of extraneous interference. They require a minimum of power, thereby permitting the construction of light weight, compact apparatus. Also, antennas may be quite small, yet highly efficient. Moreover, there are fields of application other than aviation, such as police and fire department activities, and military services. Engineers explain that ultra-high frequency devices are particularly well adapted to these latter fields because of a marked degree of mobility.

Technical progress on other radio fronts was reported under the following

headings:

#### Television

Technical development of television continued throughout the year. Among items that attracted wide-spread attention was the demonstration by RCA of large-screen, projection-type television reception for theaters. NBC, with the cooperation of the New York Telephone Company, demonstrated the feasibility of adapting ordinary telephone wire circuits to relay television programs over short distances.

With the advice of the Federal Communications Commission, the Radio Manufacturers Association appointed a National Television Systems Committee, which was charged with investigating special aspects of the television technical standards problem. This committee, organized in August, had not filed its report by the end of the year.

Re-allocation of frequency assignments by the FCC necessitated the rebuilding of the National Broadcasting Company's television transmitter, W2XBS, in New York. While this work was in progress, a number of refinements were incorporated in the installation which led to sharpening of the television image.

Another factor regarded as important by engineers was the development of a television camera tube for amateurs, which permits building of complete television systems at relatively low cost.

#### Facsimile and Radiophoto

Models of a new broadcast facsimile receiver were demonstrated at the New York World's Fair by RCA, and later in the year the same company exhibited a facsimile tape-recorder of radical new

design and capability.

The facsimile broadcast receiver included such improvements as double speed, self-synchronization, frequency shift modulation of the subcarrier instead of amplitude modulation, and visible printing. It also combined a three-band radio receiver and loudspeaker with an unique circuit which permitted the distant facsimile transmitting station to automatically turn on the facsimile recorder at any desired time and, similarly, to turn it off. This eliminated the need for a time clock, which allowed facsimile reception only at a few pre-set periods of the day.

The tape facsimile system was exhibited in a production model capable of printing at the rate of 60 to 70 words a minute. Typewritten words are reproduced on narrow paper tape, which can be glued to radiogram blanks. The principal feature of the system is the extremely small size of the recorder, which occupies no more space than half the glove compartment of an automobile. The unit is particularly adaptable to use in mobile vehicles, such as airplanes, police cars, and various military motor carriers.

The tape recorder also makes use of the self-synchronizing and frequency shift modulation circuits developed for the broadcast equipment. Self-synchronization permits the receivers and the transmitters to operate on different

sources of power.

Still another significant development in the facsimile field was the application of the frequency shift method of transmitting photographs and other graphic material overseas in the radiophoto scruce of the R.C.A. Communications, Inc. This method produced pictures of greater clarity and increased speed of transmission.

#### Standard Broadcasting

No radical changes in standard broadcast transmitter design occurred in 1940, although there were many minor improvements contributing to safety, convenience and efficiency. Air-fin cooled tubes experienced an increased demand.

Several equipment manufacturers began building 50-kilowatt transmitters using air-cooling throughout. Improved transmitter performance and simpler adjustments were attained through the increased use of feed-back. Styling and mechanical construction of transmitters were materially improved, facilitating easy accessibility to all parts.

In the broadcasting field, the year also was marked by the large number of applications for increased power. Many such requests were granted by the FCC with the proviso that the interference with other stations would be prevented

by the use of directive aerials.

Prominent among the new and ultramodern streamlined stations is WEAF of National Broadcasting Company, completely rebuilt at Port Washington, Long Island, from which site the lofty towers direct the programs over a "salt water route" to the New York audience. Reaching a high degree of engineering perfection, this transmitter has eliminated "shadows" in reception that might be caused by New York's steel structures, especially the skyscrapers. The broadcast power is distributed where it does the most good. The very important "ground system" consists of 120,000 feet of copper ribbon radiating in strips of about 500 feet in all directions from the base of the aerial towers.

Outstanding in the development of broadcast receivers was the introduction by RCA of the "personal" or "cameratype" receiver, weighing less than five pounds. In the larger receivers, the general adoption of loop antennas contained in the cabinet made unnecessary the erection of an outside antenna for local reception. Push-button tuning and shortwave bands came into general use on

automobile receivers.

#### Short-Wave Broadcasting

The NBC's International Division completed the work of increasing the power of its two international short-wave stations, WNBI and WRCA, at Bound Brook, N. J., from 25,000 to 50,000 watts, and of installing more efficient directive aerial systems.

#### Research Extends Radio's Influence

Radio research continued to spread its influence and usefulness into other fields of industry and science. Described as one of the most important developments of the year, in this connection, was the introduction by RCA of the electron microscope, an instrument capable of magnifying bacteria and other minute particles of matter far beyond any size her tofore obtainable with the most powerful optical microscopes.

#### Institute of

#### RADIO **ENGINEERS**

Personnel—Headquarters—History

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NEW YORK CITY

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#### History

On May, 13, 1912, the Institute of Radio Engineers was formed through the merging of two organizations active in the technical radio field. One of these was the Wireless Institute, the headquarters of which was in New York City and the other which was located in Boston was known as the Society of Wireless Telegraph Engineers. The former organization had a membership of fourteen at the start of 1909 and twenty-seven on January 1, 1912. The Society of Wireless Telegraph Engineers had eleven members on the first day of 1907 and forty-three on January 1, 1912. At the time of its foundation, the Institute of Radio Engineers had fewer than fifty mem-

Prominent in the early work of the Society of Wireless Telegraph Engineers were John Stone Stone, Lee de Forest, and Fritz Lowenstein. Those identified with the initial work of the Wireless Institute included John S. Murphy, R. A. Somerville, Joseph D.

Fountain, R. B. Respress, R. A. Cleva, John Gregg, E. Barnwell, Philip Farnsworth, Sidney L. Williams, R. H. Marriott, G. W. Pickard, Harry Shoemaker, and Eugene Thurston. The consolidation of these two societies and the initial work of organizing the Institute of Radio Engineers were done by Alfred N. Goldsmith, J. V. L. Hogan, and R. H. Marriott.

#### General

The Institute of Radio Engineers functions solely to advance the art and science of radio communication. It includes among its members those who have played prominent parts in the development of radio in the United States as well as many noted radio engineers and scientists in other countries.

Membership in the Institute is strictly personal and several grades have been established. The requirements for admission to these grades is contained in the Institute's Constitution and the eligibility of the applicant is passed on by the Board of Directors.

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REVR Dick Nichols KIRO James B. Hatfield	Destroying Carrest Car	
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Wenatchee, KPQE. E. Wylie	Manitoba	
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•	Winnings	
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WIBA Norman Hahn	Kenora, CKCA,	William McLellan
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Marinette, WMAN, Werner Schwartz	Ottawa, CBO	E. C. Siewart
Marinette, WMAN, Werner Schwartz	Ottawa, CBO Owen Sound, FOS St. Catharines, CKTB	
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Marinette, WMAN, Werner Schwartz Milwankee, Raymond H. Host WESN, D. A. Weller WTMJ, D. W. Gellecup Ragne WRAN, F. Lee Dechant	Ottawa, CBO, Owen Sound, FOS, St. Catharines, CKTB, S.S. Marie, CHC, Stratond, CHCS	E. C. Stewart Theodore Millen W. H. Allen S. C. Cusack 
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#### Taylor Tubes, Inc.

Chicago. Ill. Phone Armitage 1730

Contact......Frank Hajek PRODUCTS: Transmitting Tubes — Triodes and Rectifiers.

#### The Triplett Electrical Instrument Co.

Bluffton, Ohio

.....R. L. Triplett Instruments, Industrial, Laboratory and Radio Test Equipment.

#### Truscon Steel Co.

Youngstown, Ohio Phone Youngstown 32171

.....K. D. Mann BRANCH OFFICES: All principal U. S. cities, PRODUCTS: Vertical Radiators, uniform cross section guyed or narrow base self supporting type: Pure Copper Mesh for ground screens.

#### The Turner Co.

Cedar Rapids, Iowa Phone Cedar Rapids 32607

..... H. W. Johnson Contact. PRODUCTS: Microphones and Micronhone Accessories.

#### United Transformer Corp.

150 Variek St., New York, N. Y. Phone CAnal 6-1080

....... A. Mitchell PRODUCTS: Transformers, Reactors, Automatic Regulators, Voltage Control Units, Filters: Universal Broadcast Equalizers, Recording and Line Equalizers.

#### Universal Battery Co.

3410 S. La Salle St., Chicago, Ill. Phone Blyd, 6065

. . . . . Robert Mowry PRODUCTS: 2 and 6 Volt Batteries. Wet Storage Batteries.

#### Universal Microphone Co., Ltd.

Inglewood. Calif. Phone Orchard 71216

......James R. Fouch BRANCH OFFICE: 540 No. Michigan Ave., Chicago, PRODUCTS: Microphones, Stands and Accessories, Recording Machines and Supplies.

#### **Waveland Company**

1711 W. Rice St., Chicago, Ill. Phone Mansfield 1437

BRANCH OFFICE: 375 Mitchell Ave. Elmburst, III. PRODUCTS: Radio Tower Erection and Maintenance Service.

#### Webster-Chicago Corp.

5622 Bloomingdale, Chicago, Ill. Phone: Mer. 3100

......R. F. Blash PRODUCTS: Microphones. Amplifiers. Record Changers.

#### Western Electric Co., Inc.

(Specialty Products Division) 300 Central Ave., Kearney, New Jersey Phone Mitchell 2-7700

Manager......F. R. Lack Asst. Sales Mgr. H. N. Willets Sales Promotion E. W. Thurston Radio B'easting Sales L. F. Bockoven Sound Systems Sales C. W. Reynolds Aviation and Marine Radio Sales.

F. C. McMullen
Govt. Sales Engineer. . . . . J. A. Merquelin

PRODUCTS: Hearing Aids and Hearing Measuring Equipment: Aviation, Marine, Police Radio Transmitters and Receivers; Radio Broadcasting Equipment; Sound Dis-tribution Systems; Vacuum Tubes; Azimuth Indicating Radio Receivers; Radio Altimeters; Acoustic Measuring Equipment: Microphones. Loudspeakers, and allied items: Telephone Apparatus and Cable; Carrier Telephone Equipment and Train Dispatching Apparatus.

#### Westinghouse Elec. & Mfg. Co.

2519 Wilkens Ave., Baltimore, Md, Phone Gilmor 7320

Manager Sales C. J. Burnside Asst. Mgr. Sales E. T. Morris Mgr. Engineer J. A. Hutcheson BRANCH OFFICES: In all principal

cities. PRODUCTS: Radio Transmitting Apparatus for broadcast use; Antenna Phasing, Tuning and Lighting Equipment; Special Control Items and Operating Consoles: Power Equipment, Generators, Motors, Desion Circuit Breakers, Relays, Instruments, Meters, Indicating Lights, Supervisory Apparatus, Insulating Material, etc.

#### Weston Electrical Instrument Corp.

611 Frelinghuysen Ave., Newark, N. J. Phone Bigelow 3-4700

Contact......E. F. Weston

BRANCH OFFICES: All principal U. S. cities and Canada. PRODUCTS: Tubecheckers, Vacuum Tube Voltmeters, Power Level Indicators, Volume Indicators, Switchboard Voltmeters and Ammeters, Portable Voltmeters. Ammeters and Ohmmeters. Portable Capacity Testers, Portable Combination Volt-Ohm-Milliammeters.

#### Herbert L. Wilson

260 E, 161st St., New York, N. Y. Phone MElrose 5-0021 Contact......Herbert L. Wilson

#### Wincharger Corp.

E. Seventh and Division Sts., Sioux City, Iowa Phone Sioux City 8-6513

Contact......R. F. Weinig PRODUCTS: Vertical Radiators, Antenna Towers and Accessories.

#### Radio Manufacturers Ass'n

Officers and Executive Personnel—1940-41

Headquarters: 1317 F. St., N.W., Washington, D. C.

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#### Executive Vice-Pres.-General Mar.

Bond Geddes, 1317 F St., N. W., Washington, D. C.

#### Vice-Presidents

Paul V. Galvin, Galvin Manufacturing Corporation, Chicago. Illinois.

Roy Burley, Ken-Rad Tube & Lamp Co., Owensboro, Kentucky.

H. E. Osmun. Centralab, Milwaukee, Wisconsin

MacGregor. Webster-Chicago Donald Corp., Chicago, Illinois.

#### Treasurer

Leslie F. Muter The Muter Company, Chicago, Illinois.

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Harry R. Lubcke, Don Lee Broadcasting System

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Daniel E. Harnett, Hazeltine Service Corp.

Albert I. Lodwick, Hughes Tool Co.

Dr. Alfred N. Goldsmith, Institute of Radio Engineers J. V. L. Hogan, National Association of

Broadcasters

David B. Smith, Phileo Corp.

E. W. Engstrom, RCA Manufacturing Co.

Dr. R. H. Manson, Stromberg-Carlson Telephone Mfg. Co.

Paul Raibourn, Television Productions,

John R. Howland, Zenith Radio Corp.

#### Panel Organizations

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Panel No. 2-Subjective Aspects Dr. Alfred N. Goldsmith, Chairman, Institute of Radio Engineers

Panel No. 3—Television Spectra J. E. Brown, Chairman, Zenith Radio

Corp. Panel No. 4—Transmitter Power W. Engstrom, Chairman, RCA

Manufacturing Co. Panel No. 5—Transmitter Characteristics

B. Ray Cummings, Chairman, Farnsworth Television & Radio Corp.

Panel No. 6-Transmitter-Receiver Coordination

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Panel No. 7-Picture Resolution D. E. Harnett, Chairman, Hazeltine

Service Corp. Panel No. 8-Synchronization

Dr. T. T. Goldsmith, Chairman, Allen B. DuMont Laboratories, Inc.

Panel No. 9-Radiation Polarization David B. Smith, Chairman, Philco Corp.



## INTERNATIONAL



CUBA

MEXICO

SOUTH AMERICA

International

Broadcast

Stations

## HOW THE DEP'T OF COMMERCE HELPS RADIO

John H. Payne
Chief, Electrical Division
Washington, D. C.

THE Radio Section of the Electrical Division in the U. S. Department of Commerce has as its principal function the provision of fundamental information with respect to many commercial phases of the radio industry. Economic and statistical surveys and studies are conducted to determine various facts influencing situations which the industry is attempting to cover.

The central objective of the Electrical Division is that of providing specific information in regard to applications and opportunities within the electrical and radio industries in this and all other countries. In order to accomplish this, every effort is made to establish and maintain close contact with such branches of the industry as are regularly using or might advantageously use these services.

The Bureau serves industry through three rather distinct organizations first, its 33 domestic field offices located throughout the United States, which provides facilities for intimate contact with all American individuals or businesses wishing to avail themselves of its services; second, through 300 Foreign Offices located in the capitals and principal cities of practically all countries of the world, making close foreign contacts on behalf of American industry; third, a specialized headquarters organization in Washington, providing experienced contacts for industry and other commercial services.

In addition to supplying information of value to exporters (e.g. lists of markets for American goods, tarriff conditions, etc.) the Division recently took over the

responsibility of reporting on world wide communications from a public utility standpoint covering radio, telephone, telegraph and cable services.

The Foreign Offices are a vital factor for the Burgau's service. They constantly provide data on all the significant economic, commercial, and financial developments of the various countries. They report on the general business situation in a specific foreign market—the competition between American goods and the products of other countries-the import duties and restrictions that may be imposed-sales methods and credit termsand the foreign-exchange situation, when pertinent. They conduct surveys covering specific commodities in definite foreign markets, and provide a variety of other current special data.

Because of the multiphase character of radio, the Electrical Division is not the only division of the Bureau interested in radio subjects. Whether the Electrical Division or the Bureau generally is addressed is unimportant, since reference and collaboration methods assure that all informed individuals will have contributed when the reply is prepared. For instance, radio advertising comes under the Specialties Division. which handles advertising methods and media in general. Through their cooperation, the Electrical Division is enabled to answer any inquiry within the scope of the Bureau's activities.

While the 12 Industrial Divisions in Washington, such as the Electrical Division, render specialized services to specific industries, there are in the Bureau seven divisions giving intensive study to various distinctive phases of foreign business characteristics. In response to inquiries from industry, these Divisions can supply information not otherwise obtainable with respect to some of the highly specialized aspects of foreign trade.

#### These Divisions include:

Commercial Intelligence—compiles lists of foreign buyers or sellers. There are 32,000 such lists now available to American business. The Division maintains a "World Trade Directory" report giving commercial information on approximately 650,000 foreign buyers or sellers. Information on credit and collection conditions, and credit payment terms in foreign countries, through the "Credit Situation Abroad" service.

Commercial Laws- distributes information on the laws of all countries which relate to commerce and industry, including laws for transacting business, organization, commercial acts, and taxation, property problems (trade-marks, patents, copyrights, unfair competition, etc.), foreign insurance, factory, labor, and social-security laws affecting the cost of doing business abroad.

Finance—collects information regarding foreign banks and banking affairs, foreign monetary and exchange conditions, foreign trade financing in general, and related subjects. Is a prime source of statistics on (a) the balane, of international payments of the United States; (b) foreign securities publicly offered in the United States; (c) American investments abroad; (d) foreign investments in the United States; and (e) data on related subjects such as war debts, etc.

Foreign Tariffs -current detailed records of customs tariffs, quotas, trade regulations, and commercial policy of all foreign countries, reports to American firms changes in this important field. Information on trade agreements concluded with foreign countries, and on all other phases of foreign customs requirements.

Foreign Trade Statistics—gathers, compiles, and disseminates statistics on American imports and exports. Also contributes to numerous general statistical studies sponsored by the Industrial Divisions to meet the indicated requirements of individual industries.

Regional Information- furnishes general information about economic conditions abroad. A high degree of specialization is attained in this Division through placing the work under the supervision of regional specialists in charge of the European, Far Eastern, Latin American, and Russian Sections.

Transportation—collects and analyzes data from both foreign and domestic sources on such subjects as ocean shipping, packing and packaging, tourism, materials handling, inland waterways, railway and motor transport, warehousing, bills of lading, industrial traffic management, etc.

The Bureau maintains twelve Industrial Divisions, staffed by experts conversant with the details of each industry. These divisions bring the Bureau into direct touch with producers and exporters, making possible the establishment of mutually helpful relationships. For each

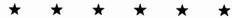
industry, there is provided a specialized service, satisfying some of its peculiar and characteristic needs for statistical and other information. Essential information and data are collected under competent supervision, and is disseminated to the many trades in the most efficient ways that can be devised. Most of the material is provided by representatives of the Foreign Offices; the information covers a wide field of industrial and trade activities and is released to business in periodical and special bulletins.

The Electrical Division, one of the twelve similar industrial divisions, renders broad commercial services to the American electrical and radio industries. Its Radio Section serves the manufacturers of broadcasting and rectiving equipment, as well as the broadcasting operators. Wide distribution of U. S. A. short wave programs has been established in cooperation with the Radio Manufacturers Association, whereby a compilation of all beamed American short wave programs is made available to publishers throughout the world.

The Division concentrates on obtaining and offering data which industry lacks the means of securing through its own With respect to radio, the endeavors. Division collects information regarding the widely varying conditions in other nations, in order to be able to inform American industry of world developments, prospective markets, needed adaptations, and other related matters. It also reports on the services of the broadcasting and communication operating companies whether serving by radio, telephone, telegraph or cable. Current information is published in 10 Statistical Statements, the "Survey of Current Business" tissued monthly with weekly supplements), "Foreign Commerce Weekly." "Domestic Commerce" (issued weekly) and in the Bureau of Foreign and Domestic Commerce looseleaf Industrial Reference Service.

Radio surveys have been made to develop the effectiveness of American short wave broadcasting throughout the world. Both its good qualities and its limitations as brought out in these surveys are passed on to the American short wave operations for their guidance.

Criticism from the radio or other electrical industries is solicited by the Division, in order that it may improve and make its services more useful.



# STATIONS OF CUBA

Letters Owner and/or Operator Kilocycles	Watts _			
Stations in Havana				
CMWLa Voz del Radio Phileo	200			
CMCYAutran & Carbo, Ltd	<b>1500</b> 0			
CMCDLa Voz del AireLa Voz del Aire, S. A 630	15000			
CMOA Juan F. Duran 660	200			
CMBCEl Progreso Cubano	2500			
CMKRadiodifusion O'Shea	200			
CMBLRadio Cadena SuaritosRadio-Cadena Suaritos, S. A. 750	200			
CMQJabon Candado	25000			
CMCFCadena Azul de Radio	5000			
CMCMTransradio Columbia Cia. Transradio Columbia,				
S. A 850	200			
	20000			
CMBQIdeas Pazos	5000			
CMBZRadio Salas	200			
CMCK Luis Casas Romero	5000			
CMCUGarcia Serra Jorge Garcia Serra 1010	200			
CMCHRadio-Popular, S. A Radio-Popular, S. A 1050	200			
CMBXA. Alvarez	200			
CMCJRodriguez & HermanoRodriguez & Bro	200			
CMBG, Voz de Oro Miguel Montero 1140	200			
CMBSCalzada Y D	200			
CMCOOficios 598	200			
CMCBLa Metropolitana	200			
CMBD Luis Perez Garcia 1260	200			
CMCGLa Balear	200			
CMCRBodegas Morera	200			
CMCA Augusto Testar & Jose M. Gonzalez 1350	200			
CMCW, Muebleria La Predilecta	200			
CMCQLa Voz de Cuba	200			
CMBYDe la Casa de las Medias	200			
CMCXLa Onda Popular	200			
CMOX, E de Apartamentos	200			
CMCLa Voz del TransporteRafael Valdes	200			
CMBFRadio Emisora NacionalCompania Cubana de Radio				
& Television, S. A 1560	5000			
COI.2Policia Nacional	• • •			
Short Wave Stations in Havana				
COCDLa Voz del AireLa Voz del Aire, S. A 6130	1000			
COCWLa Voz del Radio Philco				
COCOApartado 98	5000			
1006				

#### CUBA STATIONS

C-11		_ · · <u>-</u>		
Call Letters	Location Own	er and or Operator	requency Alocycles	Watts
COCQ	Colgate & Palmolive	o & Gabriel	. 8830	5000
COBZ	Radio Salas	el & Guillermo Salas.	. 9030	
COBX	Laboratorios Alvarez		. 9100	
COBC	El Progreso Cubano	ngo Ferdanez Cruz	. 9363	
COCH	Cadena Azul de RadioAmado	o Trinidad Velasco	. 9437	5000
COCA	Galiano No. 102		9700	
COCM	Radio-Cadena SuaritosRadio-			1000
COCX	Casa LavinFranci			1000
COCE	La Voz del Transporte Rafacl			
	Stations in the Inter	ior		
CMHW	Santa ClaraGuille	rmo Domenech	. 680	200
CMKS	Guantanamo	do Savon Suarez	. 710	200
CMJX	Camaguey	fo Gonzalez Solis	. 740	200
<b>CMKW</b>	Santiago de Cuba	io Alvarez Soriano	. 770	1000
CMGH	Matanzas			200
<b>CMHI</b>	Santa Clara	Trinidad	. 830	10000
CMJA	Camaguey			200
СМНО				200
	Santiago de Cuba Emisor		910	1000
	CamagueyGertru		. 930	200
	BayamoAlbert			200
CMJW	_			200
CMKM	ManzanilloRaimu			200
	Sagua La Grande			200
	Matanzas Barnal			200
	Ciego de Avila			200
	Santiago de Cuba Emilio			200
	CienfuegosRomus			200
	Santiago de CubaOscar	-		200
	CrucesVirgili			200
	CamagueyPrimo			200
	Pinar de Rio Franci			200
CMHB	Sancti-Spiritus	Weis & O. Ramirez	. 1240	200
CMKC CMJO	Santiago de CubaRobertCiego de AvilaBonifa			200 200
CMHD	Caibarien			200
CMKO	Holguin Manue	el Angula Farran	. 1280	200
CMJK	Camaguey Jones			500
CMJH CMGE	Ciego de AvilaLuis N			200 200
	CardenasGebaro Ciego de AvilaFernar	ndo Terron Bolanos	. 1370	200
	Santiago de CubaJaime			200
CMKZ	Palma SorianoJoaqui			200
	Moron			200
	Cienfuegos Jose R Holguin M. J. d			200 200
	CienfuegosFranci			200
	Santiago de Cuba			1000
Short Wave Stations in the Interior				
COKG	Santiago de CubaEmilio			1200
COHE	Sancti-Spiritus			200
COGF	MatanzasBernat	oe R. de la Torre	. 11880	1000
	1007			

# STATIONS OF MEXICO

Call Letters	Owner		frequency Cilocycles	
XEMII	Cia. Radiodifusora de P. Negras	Piedras Negras Coahuila	580	250
	Jorge L. Palomeque	• · · ·		2000
	Benito Garza Ortegon			250
	Chavez y Castro Sues	· ·		250
	Cia. Radiodifusora de P. Negras	•		10000
		Targetting, sanger danier	(Auth.:	
XET	El Pregonero del Norte S. A	. Monterrey, Nuevo Leon	690	5000
XEWE**	Jesus Gonzalez A	.Silao, Guanajuato	720	20
XEQ	Radio Panamericana S. A	Mexico City, Distrito Fede	ral 730	50000
XEH	Radio Tarnava S. de R. L	. Monterrey, Nuevo Leon		100
VELLA	A.11	<b>76</b>		1.: 250)
	Alberto Gonzalez			200
	Manuel L. Salinas	•	750	
	Cia. Radiodifusora Mexicana			
	Guillermina P. de del Conde	• .		1000
	Oscar Perez ERefigio Esparza Vda. doe Valezzi			
	Florea y Martinez	•		
	Angel B. Fernadez			1000
	Radio Popular de Mexico, S. A			
	Radio Metropolitana, S. A	• .		
	Fernando Federico Ferreira	• •		
	Jesus Quintanilla			
	Cadena Radiodifusora Mexicana			100000
	Carlos Balderrama			
	Rafael T. Carranza			
XEFO	Partido Revolucion Mexicana	. Mexico City, Distrito Fede	ral 940	5000
XERA .	Cia. Mex. Radiodifusora Fronteriza	.Villa Acuna, Coahuilla	960	500000
XEJ	Pedro Meneses, Jr	Juarez Chihuahua	970	1000
XEAC	Jorge I. Rivera	.Tijuana, Baja California	980	5000
XES	Difusora Portena, S. de R. L	.Tampico, Tamaulipas	990	100
				ո.: 250)
XENT .	Cia, Industrial Universal S. A	.Mexico City, Distrito Fede	eral 990 (Auth.:	
XEK	Arturo Martinez	Mexico City, Distrito Fede	ral 1000	200
XEAF	Francisco G. Elias	.Nogales, Sonora	1000	750
XEBI	Pedro C. Rivas	. Aguascalientes, Aguascalientes	1000	250
XEU	Fernando Pazos y Cia	.Vera Cruz, Vera Cruz	1010	500
XEFQ	Pedro L. Diaz	.Cananea. Sonora	1010	500
XEAW .	Cia. Internacional Dif. de Reynosa	Reynosam, Tamaulipas	1020	100000

#### MEXICO STATIONS

		_		Power
Call			requency	
Letters	Owne <del>r</del>	Location F	ilocycles	Actual
XEB	.El Buen Tono S. A	. Mexico City, Distrito Feder	al 1030	20000
			(Auth.: :	(00000
XEG	.Rudolfo Junco de la Vega	Monterrey Nuevo Leon	1050	500
1120	rizuadono vanteo de la vega		(Auth.:	
YFRA	.Javier Velasco	Ciudad Guzman Jalisco		20
	.C. Guajardo and J. M. Cortes			100
				500
XEDP***	Radio Gobernacion			
	.Radiodifusora Internacional S. A.			50000
	Alfonso A. Lacarra	_		1000
	.Delia Cubillas de Fernandez			100
	.Luis E. Enciso			100
XEL	.Ramon Ferreiro R	. Mexico City, Distrito Fedei	al 1150	250
XEBP	. Alejandro Stevenson, Jr	Pte. Torreon, Coahuila	1150	250
XEDW	.Hector Silva Canto	Minatitlan, Vera Cruz	1150	300
XEFM	.Sucs. R. Ortiz Gonzalez	Leon, Guanajuato	1160	20
	.Cia. Radiofonografica S. A	•		1000
	Esteban Parra	-		500
XEXX***	.Universidad Nacional de Mexico.			1000
	Alejandro Stevenson, Jr			50
	.Dario Cordoba			50
	.David G. Cervantes			
	Ignacio L. Sais			
	.Pedro Riestra Diaz			200
	.Jose Rodriguez Lopez			
	.Carmen Villasenor			125
XECA	.Nicolas M. Picot	Tampico, Tamaulipas	1230	<b>25</b> 0
XEHR	.Manuel R. Canale	Puebla, Puebla	1230	250
XEOX ,	.Felipe G. de Leon	Mochis, Sinaloa	1230	250
XELK	Jesus Macias G. (J. M. Acevedo).	Zacatecas, Zac	1230	100
XEJS	.Francisco Lopez Balcarzar	Cananea, Son	1230	100
	.Benjamin Briones			
	·	Potosi	1230	150
XEJK	Manuel Armenderiz	Chihuahua, Chih	1230	100
XEBU	.Feliciano Lopez Islas	Chihuahua, Chihuahua	1240	50
	.Fernando Corona			100
	.Perfecto Villamil Cisero			400
	.Juan Cedas M			250
	.Francisco Vidal			
	.J. Antonio de la Torre			
XEXT***	.Gobierno del Estado de Nayarit			
		Nuevo Laredo, Tamaulipa.		
	.J. Roberto Levy	-		
	.Carmen Gutierrez			
XEXE***	.H. Ayuntamiento de Texcoco			
	Alejandro A. Dias			
	.Alfonso Traslosheros Avalos			100
	.Diodoro Zuniga			
	.El Heraldo del Comercio S. A			
	Angel II. Ferreiro			
	Francisco Perez H			150
	.Aurelio G. Zaragoza			500
	.Alfonso Martinez			600
XEAP	.Emilio Manzanilla	Ciudad Obregon, Sonora	1340	50
	. Radio Emisora del Norte, S. de R. L			
	.Maria Remedios Delgado			
	The state of the s		1010	200

#### MEXICO STATIONS

-					
					Power
Call			Freq	uency	Watts
Letters	Owner	Location	Kilo	cycles	Actual
		<del></del> :			
XEDH	Vicente Hernandez	Villa Acuna Coahuila		1340	200
	Julio Molina Pont.			1340	100
	Salvador Galinda de la Torre			1340	<b>25</b> 0
					100
	Fernando Elizalde			1340	
	Ricardo Vazquez			1340	350
	Pedro E. Rocher			1340	300
XEMA	Jose M. Acevado Moya	Fresnillo, Zac		1340	100
XEXS***	Instituto Cientificio y Literario	Teluca, Mex		1340	75
XEI	Tiburcio Ponce	Morelia, Michoacan	<b>.</b>	1370	250
	Zeferino Z. Jimenez	San Luis Potosi, San Luis			
		Potosi		1370	100
	Maria Cardona de Zetina			1370	<b>250</b>
$\mathbf{XEM}$	Pedro Meneses, Jr	Chihuahua, Chihuahua .		1390	<b>500</b>
	Salvador Sanmartin			1400	<b>5</b> 00
	Emilio Manzanilla			1400	100
	Luis A. Maury			1400	250
	Alejandro A. Schober			1400	500
	Manuel Acuna Varela			1400	250
				1400	150
	Hector Sotomayer				
XEMR	. Frances Garcia de K	Monterrey, Nueva Leon.		1400	250
	Juan A. Palavicini			1420	1000
	Gabriel Hernadez Llergo		eral	1430	400
XEFI	Ramiro G. Uranga	Chihuahua, Chihuahua.		1440	1000
	Gilberto Gil			1450	100
	Dario Mondragon			1450	100
	Guillermo Calzada			1450	100
	Enrique Zaralegui			1450	100
	Lucinda Arenas de Meza Millan			1450	250
	Manuel Zapata Espinosa			1450	100
	Modesto Ortega			1490	100
	Rodolfo Llamas			1490	250
	Anastasio Gomez Gallardo			1490	100
XEAZ	Carlos V. Rodriguez	Revnosa, Tamaulipas		1490	250
XEDK .	Salvador Vazquez	Guadalajara Jalisco		1490	250
	Tubquen	addadadan, banbeb		1100	200
	Short Wave Stations (Cu	ıltural and Officio	ul)		
	`		-		
	El Buen Tono, S. A			<b>6</b> 00 <b>0</b>	500
XEWI**	Institucion Mundial de la V. I			6015	400
	Fernado Pazos Sosa			6020	250
	Jose Martinez Ramirez			6030	500
	Flore y Matinez			6045	100
	Pedro Coronel Aburto			6090	100
XEUZ	Partido Revolucion Mexicana			6130	100
	Cia. Radiofonografica S. A	Guadalajara, Jalisco		6155	100
XEXA***	.Radio Gobernacion			6175	100
XECR***	Sria. de Relaciones Exteriores			7380	20000
	Cadena Radiodifusora Mexicana			9500	10000
	lose Rodriguez Lopez			9550	12
XEYU***	Universidad Nacional de Mexico			9600	<b>25</b> 0
	Radio Panamericana S. A			9680	1000
	Carlos Balderrama			11820	150
	Partido Revolucion Mexicana				100
XEWW	Cadena Radiodifusora Mexicana	Mexico City, Distrito Fed	eral	15160	10000

<sup>\*</sup> Temporarily Suspended
\*\* Cultural Station
\*\*\* Official Station

## STATIONS OF —

## — SOUTH AMERICA

#### - ARGENTINA

Call Letters		Frequency Kilocycles	Power Watts
LU2	Bahia Blanca, Bahia Blanca	5	2500
LU7	General San Martin, Bahia Blanca		2500
LR1	El Mundo, Buenos Aires		50000
LR2	Argentina, Buenos Aires		10000
LR3	Belgrano, Buenos Aires	950	50000
LR4	Splendid, Buenos Aires	900	16000
LR5	Excelsior, Buenos Aires		29250
LR6	Mitre, Buenos Aires	870	25000
LR8	Paris, Buenos Aires	1150	6500
LR9	Fenix, Buenos Aires		5000
LR10	Cultura, Buenos Aires	790	11500
LRA	del Estado, Buenos Aires	750	10000
LS1	Municipal, Buenos Aires	710	50000
LS2	Prieto, Buenos Aires		30000
LS3	Ultra, Buenos Aires		50000
LS4	Portena, Buenos Aires	670	10000
LS5	Rivadavia, Buenos Aires	1110	5000
LS6	del Pueblo, Buenos Aires		6000
LS8	Stentor, Buenos Aires	. 1230	15000
LS9	Voz del Aire, Buenos Aires	1270	6000
LS10	Callao, Buenos Aires	590	6000
LU4	Comodoro Rivadavia, Comodora Rivadavia	640	1000
LV2	Central, Cordoba	. 950	5000
LV3	Cordoba, Cordoba	620	25000
LT7	Provincia Corrientes, Corrientes	1340	500
LV10	de Cuyo, Mendoza	1210	5000
LU6	Atlantica, Mar del Plata	1300	500
LR11	Universidad Nacional de La Plata, La Plata	1390	500
LS11	Provincia de Buenos Aires. La Plata	1310	30000
LT5	Chaco, Resistencia	1080	1500
LV9	Provincia de Salta, Salta	970	1000
LU12	Rio Gallegos, Santa Cruz	680	1000
LT1	del Litoral, Rosario	780	20000
LT3	Sociedad Rural de Cerealistas, Rosario	1160	5100
LT8	Rosario, Rosario	840	1000
LV1	Graffigna, San Juan	730	1000
LV5	Los Andes, San Juan	1090	1500
LV4	San Rafael, Mendoza	690	500
LT9	Roca Soler, Santa Fe		1000
LT10	del Instituto Social de la Universidad Litoral,		
	Rosario	1320	500

LV11 LV7	Station Name—Executive in Charge—Location del Norte, Santiago del Estero	1170 820	Power Watts 1500 2500 5000
	Short Wave Stations		
LRA	del Estado, Buenos Aires	6180	1000
LRX	El Mundo, Buenos Aires	9660	7000
LRA1	del Estado, Buenos Aires.	9660	10000
LRA3	del Estado, Buenos Aires	11730	1000
LRU	El Mundo, Buenos Aires	15290	7000

#### BOLIVIA - - - -

LettersStation NameLocationOwnerKilocyclesWattsCP44Radio PopularCochabamba Victor Veltze58050CP32Radio BoliviaLa PazJ. C. Salinas620150CP34Radio SucreLa PazGuillermoTeran680150
CP32Radio BoliviaLa PazJ. C. Salinas
CP34Radio SucreLa PazGuillermo Teran 680 150
CD10 D 15 D 5 T D 34 St Thomas 2 D 50
CP46Radio FenixLa Paz Mario Hurtado
CP20 Radio Condor La Paz Ramon Pelaez 900 250
CP19 Radio Cultura La Paz Hugo Aspiazu 950 50
CP31 Radio Patria La Paz Lizardo Suarez 975 50
CP4Radio IllimaniLa Paz Estado
CP10Radio La PazLa PazGonzalo Munoz A 1090 50
CP45Radio Rural Cochabamba Raul Montecinos 1090 50
CP16Radio ParisLa PazAbel Maldonado 1200 50
CP14Radio La NocheLa PazJavier Romero
CP13Radio El OrienteSanta Cruz.L. Canedo Reyes
CP18 Radio KosmosLa PazLuis Cortadellas 1300 50
CP29 Radio Fides La PazC. S. Calixto 1350 100
CP28 Radio CentralCochabamba.Gottret & Co 1360 150
CP3 Radio National La Paz Costas Bros 1390 5000
CP27 Radio Pilot Sucre Carlos Torres R 1420 50
CP36Radio MercurioOruroEnrique Wanting
CP8Radio AmericaLa Paz Luis Medina
CP17Radio CulturalPotosiAlfredo Ossio I 1600 50
CP41Radio ChuquisacaSucreJose Camacho
CP11 Radio Oruro Oruro Estado 6100 250
CP2Radio National La PazCostas Bros
CP15Radio Condor La PazRamon Pelaez
CP22Radio InternationalPotosiLuis Camacho A
CP30Radio El OrienteSanta Cruz.L. Cancdo Reyes 6135 250
CP12
CP39Radio Continental Cochabamba Remberto Zapata
CP37Radio PagadorOruroMariaca & Co
CP5 Radio Illimani La Paz Estado
CP1Radio ChuquisacaSucreJose Camacho B 9500 1000
CP38Radio NationalLa PazCostas Bros 9505 500
CP40Radio CentralCochabamba Gottret & Co 9570 25
CP25Radio SucreLa PazGuillermo Teran
CP7 Radio Illimani La Paz
1012

#### -- BRITISH GUIANA --- - -

Call Letters VP3BG*	Station Name and Location British Guiana United Broadcasting Co.,	Frequency Kilocycles	Power Watts
· · · · · · ·	Georgetown	. 6130	650

<sup>\*</sup> Operated on an experimental license and considered amaieur station.

#### - - - CHILE - · - - · ·

Call	Frequency P	ower
Letters Station Name Location Owner	Kilocycles W	
CA63Radio TarapacaIguiqueAntonio Cajiao		250
CA90		100
CA127 La Voz del Norte Antofagasta Raquel Palma de Pe		100
CA141 Radio Antofagasta Antofagasta Angel Garcia & Co.		1000
CB57 Soc. Nac. de Agriculture Santiago Soc. Nac. de Agricul		0000
CB62Radio ChilenaSantiagoInternational Machir CB64La Union de RecreoVina Del	nery Co. 620	1000
CB64La Union de RecreoVina Del  MarAdriano Iz	640	1000
CB68Radio MetroVina Del		1000
MarRenard & Garcia Te	110 680	1000
CB76Cooperative VitaliciaValparaisoSoc. Cooperative Vit	alicia 760 1	0000
CB78Cooperative VitaliciaSantiagoSoc. Cooperative Vit	alicia 780	1000
CB73	730	
CB84Radio del PacificioValparaisoAngel Prieto	840	1000
CB89Otto BeckerSantiagoOtto Backer, Ltd		2000
CB93Radio HuckeSantiagoOrlandini & Raggio,	Ltd 930	0008
CB90 El Mercurio Valparaiso. Empresa Periodistica		
Mercurio		1000
CB96Voz del NorteCoquimbo .Puerta Bros		200
CB97Radio SiamSantiagoSoc. Industrial de Ma	•	1000
CB101Radio MayoSantiagoHeriberto Bewais	1010	1000
CB103Univ. Tecnica Sta.  MariaValparaisoFundacion Santa Ma	ria 1030	400
CB106Sud AmericaSantiagoManuel Casablanca		5000
CB111Radio Los CastanosVina del	1000	3000
MarJoaquin Venegas	1110	1000
CB113 Abdon Salinas Quillote Abdon Salinas	1130	100
CB114Radio del Pacifico Santiago Ricardo Vivado	1140	5000
CB116Radio ValparaisoValparaisoOscar Cornejo Hark	er 1160	1000
CB118Radio NacionalSantiagoJiles & Co., Ltd	1180 10	0000
CB120Diario La UnionValparaisoAngel Prieto		1000
CB124Radio EspanaValparaisoRamon & Fernando G	farcia	
& Co		250
CB126Radio EspanaSantiagoFelix Vasquez .		1000
CB130 Seguros "La Americana". Santiago Lehman & Becker		2500
CB132Radio "Wallace"ValparaisoDavid Wallace	1320	1000
		1000
CB138 "El Mercurio" Santiago Emp. Periodistica "El		-000
Mercurio" CB140Onda AzulSan Antonio.Soc. Radiodifusora Or		5000
Azul, Ltd		100
CB144-B , Spitz & CoSantiagoSpitz & Co		100
Control of the Contro	1110	100

Call		requency Kilocycles	
Letters Station Name	Santiago , Oscar Moraga		100
	ValparaisoCalcagno & Widow		1000
	ilenaSantiagoRCA Victor Chilena		10000
	ericana".SantiagoEnrique Becker		1200
	talicia Valparaiso Soc. Cooperative Vitalicia		10000
	dSantiagoOtto Becker, Ltd		300
	SantiagoOrlandini & Raggio		4000
	riculture Santiago Soc. Nac. de Agricultura.		1000
			1000
• • • • • • • • • • • • • • • • • • • •	Concepcion Hucke & Co., Ltd.		100
	Talca Raul Grez		100
= =	Talcahuano l'rancisco Morales		100
	CuricoAlberto Guerra		100
	nRancaguaJorge Romero		100
• •	Concepcion Federico Sanchez		100
	TemucoCarlos Kaehler		100
	ChillanRafael Barrios		
	isionChillanMiguel Arrau		
	Concepcion Pedro Lopez de Heredia.		
	Talca Enrique Garcia		
	ena Rancagua Ramon Caceres		
	TemucoDaniel de Mayo		
	Valdivia Soc. Radio-Emisoras "Su		100
ODGO TITITING GUI TITI	de Chine	-	1000
CD84	Osorno Soc. Agricola & Ganadera	Ł	
	de Osorno		1500
CD101Radio Puerto l		-	
CD100 D. M. 3511-	Montt de Chile		-
	nes Magallanes Ramon Verde Ramos		
	Magallanes Emilio Turina		100
CD112 , , Radio Osomo	OsornoSoc. Agricola & Ganadera de Osorno		100
CD132 Radio Valdivia	Valudivia .Carlos Cockbaine		
	rMagallanes Ines Diez Paz		
	Puerto Ernesto Riedel		
	MonttSoc. Radio-Emisoras "Su		, 100
	Valdivia de Chile	11900	250
CD113	Magallanes.Julio Femenias	1130	1000
	Than A reserv		
·	BRAZIL		
	Engovern		
	n Nume and Location Frequency Kilocycles		Power Watts
PRD4 Club de Ara	araquara, Araraquara, Sao Paulo 1570		500
	e Baia S. A., Sao Salvador, Bahia 740		10000
PRG8 Bauru Radio	o Club, Bauru, Sao Paulo 1210		<b>25</b> 0
	ra, Belem. Para 670		2000
	Radio Mineira, Belo Horizonte.		
	Geraes		3000
	Radio Guarany, Belo Horizonte, Geraes		2000
	ia, Belo Herozinte, Minas Geraes 880		3000 22800
itto incomidence	ia, Delo Herozinte, Minas Geraes 000		44000

•

Call Letters	Station Name—Executive in Charge Location	Frequency	Power
PRC4	Club de Blumenau, Blumenau, Santa Catharina	Kilocycles 1330	Watts 250
PRC9	Sociedade Radio, E. de Campinas, Campinas,	1330	2.10
1 2000	Sao Paulo	1170	500
PRF7	Club de Campos, Campos, Rio De Janeiro	1330	2000
PRG6	Sociedade Mantiqueira, Cruzeiro, Sao Paulo.	640	500
PRB2	Club Paranaense, Curityba, Parana	1420	2000
PRE9	Ceara Radio Club, Fortaleza, Ceara	1320	2000
PRB5	Club Hertz, Franca, Sao Paulo	1240	250
PRG4	Club de Jaboticabal, Jaboticabal, Sao Paulo	1250	250
PRG7	Sociedade Jahuense, Jahu, Sao Paulo	1010	250
PRI4	Governo de Estado de Parahyba, Joan Pesson,	1010	200
	Parahyba	1110	10000
PRB3	Juiz de Fora	620	500
PR12	Club de Marilia, Marilia, Sao Paulo	1090	500
PRD8	Club Fluminense, Nictheroy, Rio de Janeiro.	1320	1000
PRE6	Sociedade Fluminense, Nictheroy, Rio de		
	Janeiro	1470	1000
PRH4	Sociedade Difusora Radio Culture, Pelotas,	1000	
	Rio Grande do Sul	1320	500
PRD3	Petropolis Radiodifusora S. A. Petropolis, Rio de Janeiro	1480	1000
PRD6	Club de Piracicaba, Piracicaba, Sao Paulo	820	250
PRH5	Cultura Pecos de Caldas, Pecos de Caldas,	020	230
FIGURE ,	Minas Geraes	1160	250
PRC2	Sociedade Gaucha, Porto Alegre, Rio Grande		
	do Sul	680	5000
PRF9	Emp. Radiodifusora Alegrense, Porto Alegre,		
	Rio Grande do Sul	640	3000
PRH2	Sociedade Radio Farroupilha, Porto Alegre,	600	00000
115.40	Rio Grande do Sul	600	20000
PRA8	Sociedade Radio Guararapes, Recipe, Pernambuco	720	25500
?RA7	Club de Ribeirao Preto, Ribeirao Preto,	•20	20000
	Sao Paulo	730	500
PRF2	Club de Rio Clara, Rio Clara, Sao Paulo	1460	250
PRA2	Ministerio Educação e Saude Publica, Rio de		
	Janeiro, Federal District	800	1500
PRA3	Club do Brasil, Rio de Janeiro, Federal District	860	10000
PRA9	Sociedade Mayrink Veiga, Rio de Janeiro,	1,100	00000
DDDE	Federal District	1220	22000
PRB7	Sociedade Radio Educadora do Brasil, Rio de Janeiro, Federal District	900	5000
PRC8	Sociedade Guanabara, Rio de Janeiro, Federal	500	2000
11100	District	1360	5000
PRD2	Sociedade Radio Cruzeiro do Sul, Rio de		
	Janeiro. Federal District	1060	5000
PRD5	Instituto Educação do Distrito Federal, Rio de		
	Janeiro, Federal District	1400	5000
PRE2	Sociedade Vera Cruz, Rio de Janeiro, Federal	1490	5000
DDEG	District	1430	5000
PRE3	Transmissora Brasileira, Rio de Janeiro, Federal District	1180	10000
PRES	Sociedade Radio Nacional, Rio de Janeiro.	1100	10000
	Federal District	980	22000

Call Letters	Station Name and Location	Frequency Kilocycles		Power Watts
PRF4	Jornal do Brasil S. A., Rio de Janeiro, Federa			10000
PRG3	District	940		10000
	Tupy S. A., Rio de Janeiro, Federal District	1280		10000
PRH8	Ipanema S. A., Rio de Janeiro, Federal District Rio Preto S. A., Rio Preto, Sao Paulo			5000
DDINA		640		250
PROF	Club de Santos, Santos, Sao Paulo	1450		1000
		580		750
PRD7	Club de Sorocaban, Sorocaba, Sao Paulo	1080		500
PRD9	Sociedade de Sorocaba, Sorocaba, Sao Paulo	970		250
PRA5 PRA6	Sao Paulo, Sao Paulo, Sao Paulo	1260		5000
	Sociedade Radio Educadora Paulista, Sao Paulo, Sao Paulo	760		10000
PRB6	Sociedade Radio Cruzeiro do Sul, Sao Paulo, Sao Paulo	1200		10000
PRB9	Sociedade Record, Sao Paulo, Sao Paulo	1000		20000
PRE4	Sociedade Cultura "Voz do Espaco," Sao Paulo, Sao Paulo	1300		
PRE7	Sociedade Radio Comos, Sao Paulo, Sao Paulo.	1410		5000
PRF3	Difusoro Sao Paulo, Sao Paulo	960		5000
PRG2	Tupy S. A., Sa Paulo, Sao Paulo	1040		5000 25000
PRG9	Excelsior, Sao Paulo, Sao Paulo	1100		25000
PRH3	Piratininga, Sao Paulo, Sao Paulo	620		5000
PRH9	Sociedade Bandeirante de Radiodifuao, Sao	020		5000
DDDS	Sao Paulo, Sao Paulo	840		5000
РКЕБ	Sociedade Triangulo Mineiro Uberaha, Minas Geraes	1390		1000
	Short Wave Stations			
PRF5	Comp. Radio Internacional Brasil, Rio de			
	Ĵaneiro	9500		12000
PRA8	Club de Pernambuco, Recipe, Pernambuco	6010		5000
	COLOMBIA		_	
Call		Era	~1.033.011	Dames
Letters	Location Owner	Kil	quency ocycles	
$HJ-FX \dots M$	anizalesAntonio Pin	con H	600	1000
HJ-CUB	ogota		720	5000
HJ-CI,B	•		810	2500
	ogotaGustavo Uri		870	5000
	ngotaCia. de Radi		920	50000
HJ-CMB	ogota	oadcasting	970	500
HJ-CZB	ogotaCipriano Rio	s Hoyos	1040	2500
HJ-CCBe	ogotaJulio Bernal		1060	500
HJ-AHB	arranquillaEmisora Atla	ntico	1080	1000
HJ-EECa	uli Jose T. Cald	eron	1090	500
HJ-CBBo	ogotaColombia Br	nadcasting	1105	1000
HJ-GEB	caramanga	ano	1130	1000
HJ-BJSa	ınta MartaJulio A. San	chez	1140	500
$HJ-DT \dots M$	edellinJoaquin Lone	dono	1150	500
HJ-EBCa	iliEduardo Cor	doba	1150	500
HJ-COB	ogotaJesus M. Gar	cia	1160	1000
	1014			

Call Letters	Location	Owner	Frequency Kilocycles	
HJ-FM	Armenia	.Botero & Compania	1180	500
	Barranquilla			1000
	Bogota			5000
HJ-CE	Bogota	.Gustavo Uribe Th	1220	1000
	Cartagena			500
	Medellin			500
HJ-EL	Cali			500
	Cucuta			500
	Barranquilla	-		1000
	Bucaramanga	•		500
	Bogota			500
	Cali			500
	Barranquilla	**		500
		.Cia. Ant. de Radiodifusio		750
-	Barranquilla			500
	Bogota			500
	Cali			250
HJ-FF	Pereira			500
				500 500
	Medellin			
	Pasto			500 500
	Barranquilla			
	Cali			500
	Medellin			500
	Bogota			500
	Manizales			500
	Cartagena	<del>-</del>		500
	Santa Marta			500
	,Buga			100
	Tulua			100
	Ibague			100
	Popayan			500
	Palmira			500 250
	5	Elvira De Pereira		500
	Pereira	_		500
	Medellin			300
		(Cultural)	1490	250
	Barranquilla	•		250
	Aguadas C			25
	Cali	- · · · · · · · · · · · · · · · ·		500
HJ-DM	Medellin	<del>-</del>		500
HJ-BF	Ocana	.Luis Linero	1525	100
HJ-FI	Armenia	Angel & Jaramillo	1540	500
HJ-FB	Manizales	.Cia. Radio Manizales	4765	500
HJ-GB	Bucaramanga	.Francisco A. Bueno	4775	2500
HJ-AB	Barranquilla	Paez, Reina & Bernal	4785	2500
	_	Francisco Guartas		750
	Quibdo			500
	Cucuta			750
110-00	Cucuta	.i ompino sanchez	4019	750

Call Getters Location		requency ilocycles	
HJ-EDCali		-	750
HJ-FHArmenia	Cotero & Compania	4875	500
HJ-DPMedellin			1000
HJ-CHBogota	. Manuel J. Gaitan	4895	750
HJ-AGBarranguilla	. Emisora Atlantico	4905	750
HJ-APCartagena	Lequerica Hermanos	4925	750
HJ-CWBogota	•		750
HJ-AECartagena			750
HJ-CXBogota			750
HJ-FAPereira	•		
	Gustavo Uribe Th		750
HJ-FK Pereira			2500
HJ-DEMedellin		0001	2000
	difusion	6145	5000
HJ-CDBogota	Colombia Broadcasting	6160	750
HJ-CTBogota	Cobierno Nacional	9630	2500
— — ECUA	DOR		
			_
Call Letters Owner and Location	Frequency Kilocycles		Power Watts
HC20DA . Guayaquil			100
HC2AJ Guayaquil	1050		1000
HCJB C. W. Jones, Quito			100
HC2RB Eric Williams, Guayaquil	1250		100
HC2JSB Juan S. Behr, Guayaquil			200
HC2CW Alfonso Wilmot, Guayaquil			50
Short Way	a Stations		
HCJB C. W. Jones, Quito			10000
HCJB C. W. Jones. Portoviej			200
HCLPM . Leonardo Ponce, Quito			500
HC2AK , . Guayaquil			1000
HCETC M. Mantilla, Quito			250
HC1GQ F. C. del Sur, Quito			150
HC2CW Alfonso Wilmot, Guayaquil			500
HC20DA . O. de Garcia, Guayaquil	9447		200
HC1IM W. B. Heimann, Ibarra			150
HC2ET J. S. Castillo, Guayaquil	9200		300
HCK Prop. del Estado, Quito			250
HC2RL . , Dr. R. Levi, Guayaquil	6647		200
PARA	CIIAV		

#### **PARAGUAY**

Call L	ette	rs	Station NameOwner and Location	Frequency Kilocycles	Power Watts
ZP1			Radio El Pais—Artaza Hnos., Asuncion	. 970	100
ZP4			Radio Continental—Isern & Sacarello,		
			Asuncion	. 730	100
ZP5			Radio Paraguay—Alfonso Sa, Asuncion	. 1360	100
ZP6			Radio Livieres-Livieres & Copi, Asuncion	. 1300	100

#### SOUTH AMERICAN STATIONS Frequency Kilocycles Power Watts Call Letters

ZP11	•	•	•	Radio Charitas—Juventud Antoniena,		
				Asuncion	1200	100
ZP13				La Voz del Aire—Julio Picozzi V., Asuncion	1430	100
ZP3				La Voz del Aire-Julio Coriulot, Encarnacion.	900	100

Station Name-Owner-Location

#### Short Wave Stations

		site it water stations		
		Radio Continental—Iser & Sacarello, Asuncion		500
ZP7		Encarnacion	11703	100
		Radio Continental—Friedmann Hnos., Villarrica		1000

#### PERU

Call Letters	Station Name—Operator—Location	Frequency Kilocycles	Power <b>Watts</b>
OAX4A	Peruvian Government, Radio Nacional, Lima.	854	12000
	Empresa Peruana Parlante Bolivar y		
	Carcovich., Lima	1200	250
OAX4E	Ing. Juan P. Goicochea, Lima	960	200
OAX4J	Radio Internacional, S. A., Lima	1320	250
OAX4L	Radio Miraflores, S. A., Lima	1250	200
OAX5B	J. Antonio Umbert F., Ica	1280	200
OAX6C	Radio Continental, Arequipa	1370	350

#### Short Wave Stations

SHOUL HALL BEALING		
Peruvian Government, Radio Nacional, Lima.	6080	15000
Peruvian Government, Radio Nacional, Lima.	9562	10000
Empresa Peruana Parlante Bolivar y		
Carcovich, Lima	6230	250
Radio Internacional, Lima	9520	200
J. Antonio Umbert F., Huancayo	5968	250
J. Antonio Umbert F., Ica	9590	150
Carlos Lizarraga Fisher, Cuzco	6128	100
J. Carlos Mountjoy D., Chiclayo	6150	200
Rafael Larco Hoyle, Trujillo	6000	250
Maximo J. Landa, Arequipa	11710	150
Radio Continental, Arequipa	9500	350
Radio Continental, Arequipa	6175	1000
	Carcovich, Lima Radio Internacional, Lima J. Antonio Umbert F., Huancayo J. Antonio Umbert F., Ica. Carlos Lizarraga Fisher, Cuzco. J. Carlos Mountjoy D., Chiclayo Rafael Larco Hoyle, Trujillo Maximo J. Landa, Arequipa. Radio Continental. Arequipa.	Peruvian Government, Radio Nacional, Lima 9562  Empresa Peruana Parlante Bolivar y Carcovich, Lima 6230  Radio Internacional, Lima 9520  J. Antonio Umbert F., Huancayo 5968  J. Antonio Umbert F., Ica 9590  Carlos Lizarraga Fisher, Cuzco 6128  J. Carlos Mountjoy D., Chiclayo 6150  Rafael Larco Hoyle, Trujillo 6000  Maximo J. Landa, Arequipa 11710

#### -URUGUAY

Call Letters	Owner and Location	Kilocycles	Watts
CW47	Julio J. Rabassa, Canelones	1470	300
CW37	R. Bernotti. Colonia	550	4500
CW25	Artola, Evangelista & Co., Durazno	1430	500
CW33	O. F. Barreiro, Florida	1200	75
CW29	Pedro Telesca, Mercedes	1080	50
CW43	Volante y Harispuru, Minas	1480	100
CX4	Direccion de Agronomia, Montevideo	610	5000
CX6	Government Station, Montevideo	650	10000
CX8	Ramon Puyal, Montevideo	690	500

Call Letters		Frequency Kilocycles	Power Watts
CX10	Ferrera, Gestoso & Cia., Montevideo	730	1000
CX12	Luis A. Artola, Montevideo	770	5000
CX14	El Espectador, Montevideo	810	5000
CX16	S.A.D.R.E.P., Montevideo	850	10000
CX18	El Espectador, Montevideo	890	5000
CX20		930	2000
CX22	Carlos L. Romay, Montevideo	970	1500
CX24	Harispuru Hermanos, Montevideo		5000
CX26	S.A.D.R.E.P., Montevideo		2000
	Figuera, Canepa & Cia., Montevideo	1050	3000
CX28	L. A. Gori Salvo, Montevideo	1090	
CX30	Barlecce. Silva & Larrea, Montevideo		1000
CX32	Bianchi & Patron, Montevideo	1170	500
CX34	Figuera, Canepa & Cia., Montevideo	1210	500
CX36	Vazquez & Walder, Montevideo	1250	250
CX38	S.O.D.R.E., Montevideo	1290	5000
CX40	Julio J. Rabassa, Montevideo		500
CX42	Hector Vernazza, Montevideo		500
CX44	S.A.D.R.E.P., Montevideo	1410	250
CX46	Vitale & Bertacchi, Montevideo	1450	1500
CX48	Vazquez & Cia., Montevideo	1490	1500
CX50	Dr. B. Ayala, Montevideo	1530	300
CW47A	Fassola Hnos, & Munoz, San Jose	1460	100
CW35	S.A.D.R.E.P., Paysandu	1240	250
CW39	Miguel Pena, Paysandu		100
CW23	Domingo Giordana, Salto	820	250
CW27	Ernesto Popelka, Salto	680	250
CW31	Salvador E. Pera, Salto	1120	250
	Short Wave Stations		
CXA1	S.A.D.R.E.P., Montevideo	11945	2500
CXA2	Racine & Cassiols, Montevideo		5000
CXA3	II. L. A. Landeira, Montevideo		2500
CXA4	Government Station, Montevideo		5000
CXA5	Figueira, Canepa & Cia., Montevideo.		2500
CXA6	S.O.D.R.E., Montevideo		5000
CXA7	Figueira, Canepa & Cia., Montevideo		2500
CXA8	Isaac Roisenvitz, Montevideo		5000
CXA9	El Espectador, Montevideo		2500
GTT 1 4 0	S.O.D.R.E., Montevideo		2500
CXA10 CXA11	Francisco Gomez Ciblis, Montevideo		2500
CXA12	Francisco Gomez Ciblis, Montevideo		2500 2500
	•		
CXA13	Jaime Yankelevich, Montevideo		2500
CXA14	Isaac Roisenvitz, Montevideo		1000
CXA15	Jaime Yankelevich, Montevideo.		2500
CXA16	Figueira, Canepa & Cia., Montevideo		2500
CXA17	Figueira, Canepa & Cia., Montevideo		2500
CXA18	S.O.D.R.E., Montevideo		2500
CXA19	El Espectador, Montevideo		2500
CXA20	S.A.D.R.E.P., Montevideo		2500
CXA21	S.O.D.R.E., Montevideo	26500	2500

Call Letters Owner and Location CXA22 S.O.D.R.E., Montevideo CXA23 S.O.D.R.E., Montevideo CXA24 S.O.D.R.E., Montevideo	43500		Power Watts 2500 2500 2500
VENEZU	J <b>ELA</b>	-	
Call Letters Station Name Location YV5RIRadio ContinenteCaracas	Director of Station Kilo Oscar Vicentelli	uency cycles 590	Power Watts 1000
YV5RBRadiodifusora VenezCaracas		790	10000
YV5RQRadio LibertadorCaracas		882	1000
YV5RARadio CaracasCaracas	Jose Gil Borges Cia. Anonima Almacen Americano Ricardo Espina	960	10000
YV2RBLa Voz del TachiraSan Cristo-	Jesus Diaz Gonzalez	980	500
	Jesus Diaz Gonzalez		
	Mario Garcia A.	1010	1000
YV5RZEmisora VargasLa Guaira	Gonzalo Veloz Mancera Gonzalo Veloz Mancera	1050	300
YV6REOndas del NeveriBarcelona .	L. J. Arreaza Almenar L. J. Arreaza Almenar	1080	250
YVIRFOndas del LagoMaracaibo		1120	350
YV1RDRadiodifusora MaracaiboMaracaibo	-	1150	250
YV4RDRadio MarconiMaracay		1150	200
YV5RLRadio TropicalCaracas		1160	1000
YV1RKRadio PopularMaracaibo .		1250	350
YV3RARadio AmericaBarquisi-	Arturo Ramos M	1270	1500
	Arturo Ramos M.		
	Luis Garcia Nebot	1300	100
	G. Degwitz	1350	830
YV1RWRadio CoroCoro	Roger Leyba	1370	1000
YV4RERadio ValenciaValencia	Miguel Ache Miguel Ache	1400	1000
YV1RCLa Voz de la FeMaracaibo .	Pedro A. Bermudez V Pedro A. Bermudez V.	1400	500
	E. Torres Valencia	1400	200
YV4RLRadio Maracay Maracay		1430	300
YV3RERadio BarquisimetoBarquisimeto	Atilio Ormezzano  Amilcar Segura  Amilcar Segura	1470	1500
	Timedi DeBuid		

Call Letters	Station Name LocationRadio Puerto Cabello Puerto Ca-	Owner and Director of Station	Frequency Kilocycles	
YV4RR		.Rafael A. Segura	1490	750
YV1RJ	Radio Falcon Coro		3300	750
YV4RX	Radio MarconiMaracay		3310	200
YVIRO	Radio TrujilloTrujillo		3340	1000
YV5RS	Radio LibertadorCaracas		3350	5000
YVIRT	La Voz de la FeMaracaibo		3370	700
YV5RY	Radio ContinenteCaracas	Cscar Vicentelli Oscar Vicentelli	3380	1000
YV5RW	Radio TropicalCaracas	Ponce & Viggiani	3400	1000
YV3RX	Radio AmericaBarquisi-	Ponce & Viggiani	2410	750
XXX OD C		Arturo Ramos M Arturo Ramos M.		750
YV2RC	La Voz de la SierraMerida	Rafael A. Segura Rafael A. Segura	3420	600
YVIRU	Radiodifusora MaracaiboMaracaibo		3440	1000
YV4RP	Radio ValenciaValencia		3460	1000
YV4RQ	Radio Puerto CabelloPuerto Ca-		2.400	<b>55</b> 0
*****		Rafael A. Segura R. Anzola Anzola		750
YV3RF	La Voz del LlanoAcarigua	Luis Barrios		1000
YV5RV	Emisora VargasLa Guaira	Gonzalo Veloz M.		350
YVIRV	Ecos del ZuliaMaracaibo	L. Garcia Nebot		300
YV4RO	La Voz de CaraboboValencia	G. Degwitz		300
YV1RY		Roger Leyba	4770	175
YV3RN	Radio BarquisimetoBarquisi- meto	Amilcar Segura	4780	300
YV6RU	Ecos del OrinocoCiudad	Amilcar Segura	4500	000
		E Torres Valencia		300
YV1RX	<u> </u>	N. Vale Quintero		2000
YVIRL	Radio PopularMaracaibo	Rafael Rivera Parra	4810	300
YV2RN		Jesus Diaz Gonzalez	4830	2000
YVIRZ	Radio ValeraValera		4840	300
YV5RU	Emisora UnidasCaracas .			
		Veloz Mancera Mario Garcia A.		5000
YV5RM		Degwitz & Siblesz H. Degwitz	4890	5000
YV5RN	Radio Caracas Caracas .	Cia, Anonima Almacen Americano Ricardo Espina	4920	5000

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		Frequency	Power
Call Letters	Operated by and Location	Kilocycles	Watts
ZIK2	Government, Belize	. 10600	200
	- COSTA RICA		
	COSIA IIICA		
		Frequency	Power
Cull Letters	Owner and Location	Kilocycles	Watts
TI5CV	Carlos Videche Aguilar, Alajuela		100
TI4NRH .	Amando Cespedes M., Heredia		750
TIRH	Rafael Hine Ch., San Jose		500
TIEP	Eduardo Pinto H., San Jose		3000
TIFA	Francisco Arie, San Jose		250
TIGPH	Gonzalo Pinto H., San Jose	. 1225	500
		650	1000
TISMG	Guillermo Zuniga R., San Jose	. 1030	500
TILJ	Lola Monge Peralta, San Jose	. 775	450
TILS	Luis Saenz Mata, San Jose	. 880	5000
TING	Narciso Garcia, San Jose		375
TIPG	Perry Girton, San Jose		10000
TIRCC	Carlos Borge, San Jose		500
TIRS	Rogelio Sotela B., San Jose		200
TIGQ	Gonzalo Garcia Q., San Jose		2000
TIGP	Gonzalo Pinto H., San Jose		250
TIXD	Andrea Vinegas, San Jose		1000
TIAFB	Mayid Barzuna, San Jose		150
TIOS	Guillermo Castro Saenz, San Jose		500
TINBC	Oscar Martinez Nussbaumer, San Jose		50 <b>0</b> 0
TIMC	Jorge Mario Cardos M., Cartago		700
TIME			100
	Short Wave Station	S	
TI4NRH .	Amando Cespedes, Heredia	9692	750
TIEP	Eduardo Pinto H., San Jose		1000
TIGPH	Gonzalo Pinto H., San Jose		1000
TIPG	Perry Girton, San Jose		2000
TIRCC	Carlos Borge, San Jose		500
TIRH	Rafael Hine Ch., San Jose		250
TILS	Luis Saenz Mata, San Jose		2000
TIRVM	Ruben Venegas Mora, Las Juntas de Abangar		500
	readen venegas mora, mas vantas de riodingar	CL 0000	300
	GUATEMALA		
	UAIDMALA		
		Frequency	Power
Call Letters	Owner and Location	Kilocycles	Watts
TGW	Government, Guatemala City	1520	5000
TGI	Government, Guatemala City	1320	<b>30</b> 0
TGX	A. Mejicano Novales, Guatemala City	1400	<b>3</b> 0
TGQ	Government, Quezaltenango	1440	200
	Short Wave Station	S	
TGWA	Government, Guatemala City		10000
TOWA	Government, Guatemaia City	15170, 17800	10000
TOMB	Covernment Custemale City		1000
TGWB	Government, Guatemala City		1000
IGWC	Government, Guatemala City	£34U	1000
	1021		

#### • STATIONS OF CENTRAL AMERICA

	Frequency		Power
Call Letters	Owner and Location Kilocycles		Watts
	Government, Guatemala City		300
	Government, Guatemala City	15/	250
	Fovernment, Guatemala City	130	or 300 300
IGQA C	overnment, Quezanenango 0400		200
	-HONDURAS		
	Short Wave Stations		
	Frequency		Power
Call Letters	Owner and Location Kilocycles		Watts
	afael Ferrari & Paul John, Tegucigalpa 5875  liguel R. Moncado, La Caibe 6235		750 100
	ilberto Diaz Zelaya, San Pedro Sula 6351		150
			100
	- NICARAGUA		
Call Letters Si		equency ilocycles	
	illan	-	800
	fillanManagua Ernesto Andrea		800
	acion Radio Emisora		00.,
	acional		1000
	Voz de los LagosManaguaErnesto Gutierrez U	. 6535	400
	ot	0500	200
	liodifusora Nicara		800 1000
YN7AGOri	ente & Mediodia Masaya Rafaci T. Arjona	. 7870	50
	Voz del Aire Leon J. A. Tijerino		600
	s del CaribeBluefields		100
-	- <b>PANAMA</b>		
Call Letters	Station Name- Owner—Location Kilocycles		Power Watts
	Miramar—Radio Panama, S. A., Panama City. 730		100
	a Voz de la Victor—J. Jaen Jaen Cia.,		-00
	Panama City 1440		250
	Short Wave Stations		
HOA F	ton Dalley—George Williams, Panama City 2310		500
	a Voz de la Victor—J. Jaen Jaen Cia.,		
	Colon 6005		500
	Airamar—Radio Panama, S. A., Panama City, 6030		100
	Colon		500
111511 1	Panama City		400
HP5J , L	a Voz de Panama—Cia. Servicio Publico de		100
	Radio, Panama City 9607		500
HP5A I	'eatro "Estrella de Panama''—J. Jaen Jaen		
	Cia., Panama City		300
	Ron Dalley—George Williams, Panama City 11780		800
11011	Colon 640 Panama City		250 250
HP6J F	aliania City		230
_	EL SALVADOR		
_	Frequency		Power
Call Letters	Owner and Location Kilocycles		Watts
	Government, San Salvador 640		500
YSP F	ernando Albayeros-Sosa, San Salvador 780		300
	Short Wave Stations		
	Government, San Salvador 7894		400
	ernando Albayeros-Sosa, San Fernando 10400		300
	Pernando Albayeros-Sosa, San Salvaor 6575		300
HUB C	Government (Experimental), San Salvador 5556		300
	1024		

## WHEN MINUTES MEAN MONEY\_



SEND IMPORTANT MESSAGES
VIA POSTAL TELEGRAPH!

remember this: A Postal Telegram is not kept waiting in an outer office. Postal messengers are trained to get a signed receipt!

when a DEAL'S ALMOST CLOSED, speed last-minute, important facts via Postal Telegraph. You can be sure they will be transmitted accurately!

when the unexpected happens, notify all concerned by Postal Telegraph. It costs surprisingly little, thanks to new low Postal Telegraph rates!

whenever speed is essential, count on the nation-wide Postal Telegraph system—for helpful, personal service. Just phone Postal Telegraph. Charges appear on your phone bill.

## Postal Telegraph

"SWIFT...ACCURATE...ECONOMICAL"



THAT'S as true of a radio "engagement" as it is of any other. "Acceptance" is one important advantage which The Colonial Network definitely has ... collectively ... and for each of the 19 home town stations in New England.

It's the kind of acceptance built by consistent service of entertainment, information and education . . . by being a part of the community life . . . and by meeting local radio needs and preferences in ways that no "stranger" station ever can.

The loyal listenership and friendliness resulting make every market a fertile field for radio promotion.

The Colonial Network's A.B.C. of more sales in New England is Acceptance . . . Buyability . . . and Coverage . . . at an investment cost which fits economical advertising budgets.

### THE COLONIAL NETWORK

21 BROOKLINE AVENUE

BOSTON, MASSACHUSETTS

EDWARD PETRY & CO., INC., Exclusive National Sales Representatives



ACH one of The Yankee Network's 19 stations is a good New England neighbor, not a "stranger" begging hospitality. As a friend and neighbor, its programs are always welcome in the home, the place where buying impulses are created. Use the Yankee Network's "good neighbor" stations for complete coverage and the most effective introduction of your product in New England's consistently prosperous and responsive market.

## THE YANKEE NETWORK

21 BROOKLINE AVENUE

BOSTON, MASSACHUSETTS

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# Symbol of the Racio Age

The richest man connot buy what the poorest man gets free by recito"

## Radio Corporation of America

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