

Radio Programs (Who Cares Whether the Newspapers
Print Them or Not—You'll Prefer to
Read Them Here, if You Like Them **) In Handy Form**

APRIL

Radio Log and Lore

25 Cents

FOR ONE DOLLAR (This Magazine Provides Just the Right Kind of Service
Needed to Keep You Well Acquainted With Your Radio **) FOR ONE YEAR**

THE RADIO PARADE

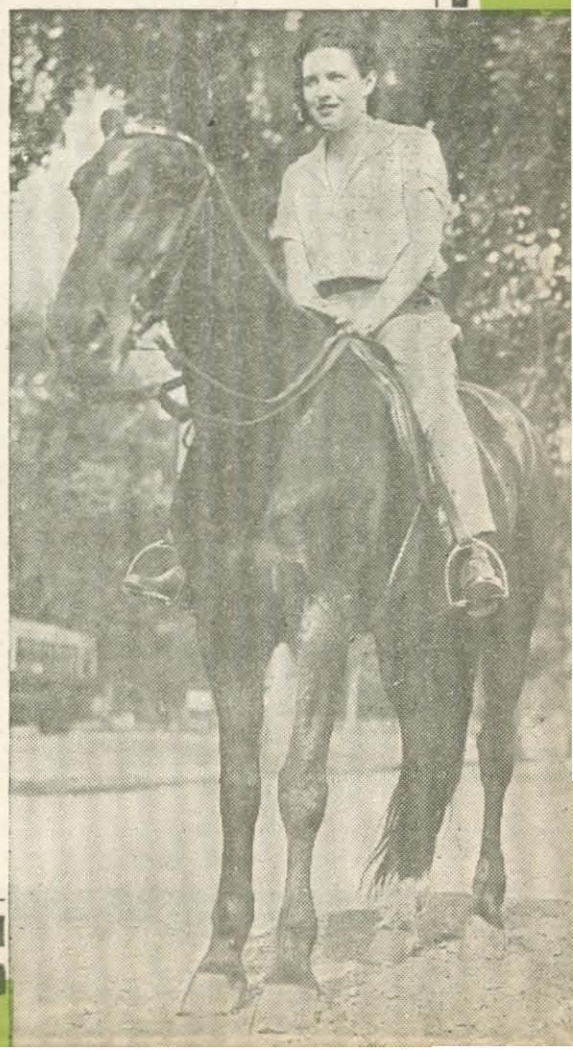
When Marjorie Anderson, who plays the leading roles in the Beatrice Fairfax presentations over NBC, appeared for a picture, the obliging photographer, who had heard that Miss Anderson had been a sure enough miner in the silver mines of Mexico, dug up this old Mexican vase, and lo, the atmosphere and background were both correct, particularly after Miss Anderson donned the old Mexican sombrero. She secured work in the mine, only after dressing as a Mexican peon, and being used to surmounting obstacles and getting what she goes after, she secured her present assignment by her insistence, after wandering into the studio where one of the programs was being rehearsed, by mistake. There success followed quickly.



Jean Sargent, deep-voiced Ziegfeld Follies singer who scored such a hit over Columbia a few months ago, just dotes on the outdoors and loves to canter around scenes of her childhood.



June Joy sings choruses for Sam Robbins and his orchestra at the McAlpin grill in New York. Columbia says she is blue-eyed and raven-haired.



A De Luxe Log for the Merchants

A group of Canadian Radio Merchants have commissioned the publishers of Radio Log and Lore, to publish for them a comprehensive book on North America and world broadcasting. They want the book, they write, for the use of salesmen in set demonstrations and for general reference in matters connected with broadcasting. They ask that particular attention be paid to short wave, in view of the action of manufacturers in specializing in the all-wave sets this year. They ask for a book just as big and complete as we know how to make and one that will in no way resemble the ordinary log, in magazine form, which on account of cost, are necessarily restricted in size. It's easy to see that they want something elaborate and out-of-the-ordinary, and their requirements will also be for sufficient copies to supply customers of the store (especially those buying a new radio) with a gratis copy. Radio Log and Lore congratulates these merchants on their enterprise and assures them that they have come to the right place. We are going to publish just the kind of book they have in mind, but their request has given us an idea.

Perhaps other radio merchants have felt the need of a book of this sort,

perhaps other merchants' salesmen have buyers of new sets everywhere who would appreciate it just as much.

We have planned, therefore, to bring out as an annual publication, just the sort of book these merchants have requested—a work so complete and comprehensive that it could be issued only as an annual publication. It will not be a newsstand publication in any sense and it will not be offered for newsstand sale. The specifications will be a comprehensive directory of world broadcasting that will meet the call for almost any kind of non-technical information connected with radio, whether the information be sought by the merchants or the buyer of a radio set.

The book will, of course, deal with the 1934-1935 broadcasting season, and will appear around October. Further announcements will give more definite plans as they are worked out. The purpose at this time is to inform radio merchants everywhere of the plan to publish a book of this nature, so that they may, if they so desire, order sufficient copies for their own use, of a work already prepared for the press. Full information will be furnished on request, including quantity prices.

Suffice to say here, that many merchants are planning to place their

own advertising on the covers of their copies and many are planning for their use during the holiday season.

Present plans call for a book of 100 magazine-size pages, or more—probably 132. It will have a profusely illustrated section devoted to the great radio stars of today and covering the entire field of broadcasting.

It will contain an elaborate atlas of probably 32 pages, graphically illustrating world broadcasting including maps and charts showing airline distances and standard time changes. Included will be much reference and statistical information of broadcasting generally.

The short wave department will undoubtedly be the most comprehensive ever published, and will include a series of charts dealing with the various kinds of short wave stations, that will be simple and handy for the dialer, and we can safely promise that it will be a delight to the short wave fan.

In short, we promise an enlarged and de luxe broadcasting directory—a complete log and program book and a combined atlas and encyclopedia of radio information. We believe every radio fan in North America, and in fact, the English speaking countries of the world, will want to possess a copy. Regarding the distribution:

FIRST—The Merchants Broadcast Annual will be distributed by radio merchants and the publishers will attempt to have it on sale at the leading radio stores everywhere, and while many copies will doubtless be given gratis to patrons of the store, the publishers will request each merchant to respect the retail price of 50 cents.

SECOND—Where purchasers are unable to secure a copy from their local radio merchant, copies will be forwarded by mail prepaid by the publishers on receipt of 50 cents.

Another reason that the bringing out of the new annual has had great appeal to the publishers, in that it presents an opportunity for something the publishers have long sought—an appropriate gift for each member of the big family of Radio Log and Lore subscribers. It is true that the new edition will contain many of the features of Radio Log and Lore, that we do not know how to improve upon—such as Whitman's Rapid Station Finder, but it will be of so comprehensive a nature as to be impossible

to be duplicated in a monthly publication. The only requisite to a copy as a gift is that you forward a full year's subscription to Radio Log and Lore, advancing your present expiration date one year. New subscriber or old, the offer is the same—one dollar for the subscription and the book will be forwarded from the first edition off the press. If so desired, the subscription may be sent to one address and the annual delivered to another. Also copies can be guaranteed only to subscribers whose orders

have been received prior to the time the first edition is made ready for the press. Frankly, the publishers are a little at sea regarding the cost of the new edition—we do not know just how large, in fact, we shall decide to make it. It is possible we will not be able to permanently offer it as a free gift to subscribers, with the subscription price of Radio Log and Lore as low as it is, but at present, copies will be booked for delivery, with each yearly renewal, so why not mail this coupon today:

WHITMAN RADIO PUBLISHING CO.,
Kirkland, Wash., U. S. A.

Please enter my order for the first edition of the Merchants Broadcast Guide, as checked herewith. My remittance enclosed.

Name

Street

City

State

(Residents of Canada and foreign countries should remit the regular subscription price of \$1.25)

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(\$1.00 Enclosed)

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(50 Cents Enclosed)

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Name

Street

City

State

Radio Log and Lore

WHITMAN RADIO PUBLISHING CO.

W. R. WHITMAN, PUBLISHER
ALICE M. WHITMAN, EDITOR

**[VOLUME FIVE
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COD From Havana With One Million

What is believed to be the largest broadcasting station in history, either in operation or under construction, is the proposed station COD, licensed by the Cuban government on channel 69, with a power of 1,000,000 watts. The owners and operators of the proposed air giant, are J. E. Mojarrieta and associates, which they are advertising as "The World's Voice," located in channel 69, "center of the dial," and in Havana, "center of the world's population." The literature issued by the station claims a listening audience of 100,000,000 people, and a

financial offering of \$500,000 in bonds bearing 10 per cent interest, on a proposed million dollar investment in station equipment, is included. The rate card lists time at \$100 a minute or \$2,000 an hour—all of which makes Dr. Brinkley look like a piker. The channel assigned by the Cuban authorities for the new venture is an exclusive Canadian channel under the United States-Canada pact. The promoters of the station announce that the dedication will take place on November 1. Many believe this is another case of Mexican border stations.

Broadcast Station Owners Displeased with Agreement Between Radio and Press

(New York Correspondence)

Broadcast station owners, up and down the land, are wondering if the new agreement between the radio and the press is a real thing or a mere figment of the imagination. The feeling is that the agreement is a mere figment of the imagination. The feeling is that the agreement is a mere figment of the imagination. The feeling is that the agreement is a mere figment of the imagination.

The largest unit to repudiate the peace agreement is the Yankee network, which is the New England Broadcasting System. Its executives have announced that not only do they disapprove of the action in surrendering to the news-

papers, but that the Yankee Network will have its own complete news coverage.

The same feeling prevails on the Pacific Coast, and both KFI and KNX are making plans to go ahead with the broadcasting of the latest news, as soon as possible, after it happens, instead of a day later, as proposed by the newspapers. KNX has been appealing to its listeners, asking cooperation and moral support, in what it believes to be the duty and the privilege of the broadcasting station. KFI is said to have organized some 10 or 12 stations into a cooperative group that will carry on in the broadcasting of the days' events. Both KNX and KFI are cleared channel stations, the latter the Los Angeles outlet

of the National Broadcasting Co. Senator Dill has lent considerable moral stamina to the group, when he commented to the effect that, after all, the interests of the people were the most important point in the controversy. "There are literally thousands of people in this country," said Senator Dill, "who look to the radio stations to give them information. No suppression of this kind can long keep the people from securing the service from the radio stations which those stations are able to give, and I earnestly hope that they will see that it will be to their interest to satisfy the desires of the people for this information and not attempt to shut off a great radio service in the form of news in this country."

GOOD NEWS FOR THE BROADCASTERS

(New York Correspondence)

About Wire Tolls

Opposition from radio stations—particularly independent radio stations—is developing against the alleged monopoly of the radio field by the American Telephone and Telegraph Company, which, it is alleged, promulgates contracts with broadcasters that precludes the use of any other than its own wires for the transmission of radio programs. As is quite generally known, one of the heaviest expenses of stations that bring in outside programs, is the wire cost, and while this expense is necessarily passed along to the sponsors of programs, it is said to be, never-the-less, a little degree, broadcasters who have to pay the high tolls and then are told where and where not, they can spend their money.

Many station owners are making no bones of the fact that they intend to defy the Bell company, and ignore the clause in the contract that precludes the use of any but Bell system wires. It is also said that several of the regional networks are also planning to break away from the alleged monopoly by the Bell system and have gone so far as to get lower bids from independent lines.

Also, the broadcasters profess to be not one bit alarmed by any reprisals that might be made by the telephone company, declaring that they will take their case directly to the people, if necessary, over their own transmitters. Also, it is whispered that the alleged wire

monopoly may come in for some overhauling at Washington when Congress gets around to tinkering with the radio law.

About Transcriptions

Still more good news for the radio station operator. The world Broadcasting System, according to an announcement recently made by President Percy L. Deutsch, is now prepared to service all stations with the very finest electrical transcriptions recorded by the Western Electric Wide Range method, and recorded by a profusion of talent that does not have to take a back seat for the networks or any one else.

Radio station operators have long felt that some time the worm was going to turn, and the networks and their rich sponsors cease to be the only ones that could put on a program the public was interested in, and this announcement may be the one the little fellow among the stations has long been waiting for. It is said that the company will start off with seventy stations taking the service, with more promised.

The service will embrace all sorts of entertainment, with orchestra, regulation and dance bands, playing all kinds of music, from classical to the latest musical comedy and dance hits. The service has been built around the idea of giving the station without network affiliation talent that will compare very favorably with that of the chains, and yet in such form as to meet the requirements of the local sponsor.

About "Restricted"

Operators of radio stations, and others, it would appear, are soon to have their innings in court, for the purpose of threshing out the alleged high-handed manner in which the American Society of Authors, Composers and Publishers, have been controlling the playing of practically all the music in places and over the air. Violation of the anti-trust laws is charged in a petition recently filed as follows:

"That before any proprietor of any business can play or use music in his establishment, he is compelled to take a license from the composers' organization, at fees fixed by the organization, or face civil or criminal prosecution on the theory of infringement of copyrighted matter.

"That the society is in a position to dictate the terms upon which a business dependent upon the use of music might continue to exist, a power which it has exercised to a degree, where, in some instances, persons have been forced out of business.

"That large users of music, such as radio broadcasting stations, theaters, etc., because of the organization's alleged monopoly, deal only with it.

"That the requirements and qualifications demanded by the society of a composer or publisher seeking membership are so strict for the average (small) composer that it is practically impossible to become a member."

WIDOW OF HAWAII'S HEIR TO ROYAL THRONE CONDUCTS CONCERT BY NATIVE TALENT IN TRIBUTE TO PRESIDENT

(Honolulu Correspondence)



Princess Abigail Kawanakoa of Hawaii and Lorin P. Thurston, President of the Honolulu Advertiser Company and Station KGU

At one time or another practically every affiliate of either of the transcontinental networks, becomes the point of origination, and a program is broadcast from its studios, but the first time that a Hawaiian station so functioned, in broadcasting a program of importance, was on the occasion of the anniversary of President Roosevelt's inauguration, March 4. The program was produced by Station KGU, NBC affiliate and owned by the Honolulu Advertiser, and consisted of native Hawaiian music. The entire program was supervised by Princess Abigail Kawanakoa, widow of Prince David, who would have succeeded to the throne of Hawaii, but for the overthrow of the monarchy. She assembled a cast of over fifty vocalists and instrumentalists, and from the grounds of the Royal Palace was heard in all parts of North America, the songs dear to the hearts of all Hawaiians. A feature was the singing of a new song, written for Mrs. Roosevelt, by Charles E. King, author of "Song of the Islands," and other Hawaiian successes, in collaboration with Keka Kealakai, former director of the Royal Hawaiian Band. It was sung by Ululani Robertson, Hawaiian opera star, who has achieved fame in the opera of Paris and other European centers.

Rosa Ponselle and Nick Lucas regaled two extremes in microphone technique. While the crooning troubadour finds it advantageous to "almost bite the microphone," the opera star stands six feet from it.

Ted Husing, who collects autographed photos, has one sent to him by his colleague, David Ross, which was signed "To the Napoleon of Annapolis from the Little Corporal". Ted just found out what it meant.

(New York Correspondence)
VIVIAN Ruth is the warm-voiced contralto whose solos are heard with the Happy Wonder Bakers on



the CBS network, Monday, Wednesday and Friday evenings. Here's something else: Vivian is very fussy about her pictures and this is the first one to appear in a long time.

(New York Correspondence)
THE famous former tenor of the Revelers, James Melton, now sings on the Ward Theater program



over Columbia and his offerings include some of the songs that he has rendered for President Roosevelt as well as a variety of negro spirituals and old-time melodies.

(New York Correspondence)
FASCINATING stories of far-away places and interesting people, has been resumed by Malcolm

LaPrade, who takes the part of narrator, as "The Man from Cooks", in a return engagement over an NBC network. His talk will take listeners to every country on earth.

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 RADIO LOG AND LORE



PICTURES IN THE



(New York Correspondence)
STILL another great star of the stage and screen, Bernice Claire, made a guest radio appearance, over an NBC network recently. She was on the same program with Alex Gray with whom she co-starred in "The Desert Song", "Song of the Flame" and other pictures.

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(Toronto Correspondence)
WISHART Campbell, who is conceded to be Canada's most popular baritone, was trained as an



organist and pianist, taught school and played in University dance bands before achieving fame as a radio singer. He has fine stage presence as well as a lovely voice.

(New York Correspondence)
MARY Eastman, the lyric soprano who achieved stardom over the Columbia network during the past



year, has returned to the microphone after a brief absence, to star in the new "Voice of America" programs over the CBS network Thursday evenings, at 8:30, EST.

(New York Correspondence)
IN spite of his youth, Johnny Green has many claims to fame. Already renowned as a pianist, ar-



ranger and composer, he is winning fresh laurels with the baton. He was arranger for Guy Lombardo's orchestra at 18 and a year later secured his degree from Harvard.

(New York Correspondence)
HELEN Hayes is another of the famous stars of stage and screen, who recently made a guest ap-



pearance on a Hinds Hall of Fame program over an NBC network. When a little girl, she wanted to become a nun until she took part in a juvenile play; after that the stage.

(Chicago Correspondence)
SWEET Singer Adele Starr, heard on Plough's musical cruiser program over an NBC network, is a



native of Ohio, born on the shores of Lake Huron. Her favorite diversion, since a very young Miss has been to brave the white caps that came rolling in during a blow.

(New York Correspondence)
ROBERT Armbruster heads the cast of artists and directs the orchestra that produces "Music on the



Air", heard over Columbia Monday, Wednesday and Friday evenings. Included on the broadcast are Jimmy Kemper, dramatist of song, the Humming Birds and male octet.

(New York Correspondence)
LENNIE Hayton, who wields the baton for the broadcast of Ipana Troubadours, over an NBC net-



work, is a young man who had a childish desire, way back in the early twenties, to be the director of those Troubadours, as he confided to his mother at the time.

(New York Correspondence)
COLUMBIA refers to Connie Gates as the lunch singer, meaning that she sings for Columbia over a



nation-wide network, during the noonday period. Connie came to New York last summer from the Mid-West and the accompaniment you hear is played by herself.

(Chicago Correspondence)
THERE is a new addition to the cast of the Armour program—the newcomer being Margot Elean-



ore Baker. The little one's father is now a floorwalker, in his leisure moments. It is said that the regular line of Baker gags make no kind of a hit with the new arrival.

(New York Correspondence)
FANNY Brice, star of radio and many Broadway successes, appeared again on an NBC network



as a guest artist. She started out as a "straight" singer, but soon adopted the Jewish dialect. For just 14 years she has been in the Follies and in vaudeville.

(New York Correspondence)
HYMAN Brown, the young man who writes the script and plays the lead in Columbia's serial, "Lit-



tle Italy", looks the part of an enterprising young business man, but in his character makeup of "Papa Filomena", it is different. He has written several radio plays.

(Regina Correspondence)
LISTENERS on the Canadian Commission's network have been listening to a voice of great



beauty from Regina. The owner of the voice is Helene Morton, and she features the program, "Twilight Echoes from the Fireside", a regular feature on the network.

(Washington Correspondence)
OLIVER Owen Kuhn, in his position as managing editor of the Washington Star, speaks to a large



audience, yet hardly as large as the one that hears the National Radio Forum which he conducts for the National Broadcasting Company, over a nation-wide network weekly.

(San Francisco Correspondence)
THIS is Lindy, the newcomer on the "One Man's Family" cast; in real life Thelma Hubbard. The



slim, charming girl, who has unwittingly set Clifford and Jack warring in rivalry for her friendship, was well chosen for the part, as she is the type young men are apt to adore.

(New York Correspondence)
KATHLEEN Wells was a model in an exclusive fashion shop, when Peter van Steeden, the maestro,



heard her sing at a party. Peter asked her if she would like to sing with his orchestra, and she thought Peter was just being nice—until she was notified of an audition.

(New York Correspondence)
HELEN Morgan, in her chic new hat, finds her place in front of the Columbia microphone, with as



much zest as her position atop the piano. She's heard with Jerry Freeman's orchestra over the Columbia network, in the sparkling "Broadway Melodies", Sunday afternoons.

(New York Correspondence)
UNIFORMS are worn during performances of "Roses and Drums" as broadcast from Carnegie



Hall in this city, to help carry the illusion to the audience. John Griggs plays the lead as Captain Randy Claymore. The play is heard each Sunday afternoon, over CBS.

(New York Correspondence)
PARAGON of talents is Adele Girard, who supplies the feminine touch with Harry Sosnik and his



Edgewater Beach hotel orchestra, heard on the Columbia network up to midnight, Eastern time. Blues songs are her specialty, but she is a pianist and a harpist of note.

ORDERS AND
NEWS FROM
THE RADIO
COMMISSION

BROADCAST
STUDIO NEWS
AND GOSSIP

NO ONE ELSE
COULD AFFORD
SO MANY WIRES



(New York Correspondence)

The Lowell Thomas news broadcast is sponsored by the Sun Oil Company, but it would seem that the telegraph company must have been mixed up in it some way, for who could afford to pay for all these telegrams. At the close of his broadcast, recently, Thomas announced that he was speaking from the Western Union headquarters in New York, and that all who wished could send a message collect. Over a quarter of a million "wished" and it required nearly a ton of paper to transcribe the replies, and the next day the NBC audience mail department announced that a new record had been made.

XER FADES OUT OF PICTURE AS TROOPS PATROL

Demise Recalls Stormy Career of Doc Brinkley as Broadcaster

(Washington Correspondence)

Taps have been sounded for the original and most famous of the Mexican border stations—XER, operated at Villa Acuna, on the banks of the Rio Grande, across from Del Rio, Texas. As spectacular has been its brief existence, as hectic was its demise, with Mexican soldiers guarding the station property, and an ultimatum from the government to have the property removed within thirty days. Whether this is actually the end of the station, is not, however, clear, as the suspension order, by the Department of Communications, is shrouded in mystery.

The real story of XER began when Dr. John R. Brinkley was the moving spirit in station KFKB, in Milford, Kans., and who was described before a hearing in the House of Representatives, as a Gost Gand specialist. Dr. Brinkley did a lot of things, or rather said them over his station, not at all to the liking of the medical profession, the final climax being that the Federal Radio Commission suspended Dr. Brinkley's license and that the latter moved across the Mexican border and opened a station with a power wattage unheard of, not only in North America, but in fact the world.

With Dr. Brinkley duly ousted, and also firmly established across the Mexican border, the Commission then seems to have found time to look after Norman Baker, who was operating a station at Muscatine, Iowa. The situation was much the same, only instead of being a goat gland specialist, Baker is alleged to have assured the listeners that he could cure cancer without an operation, which also did not set well with the medical profession. Mr. Baker was duly ousted by the Commission, and duly established by the Mexican authorities, as licensee of the second large border station, XENT, at Nueva Laredo, across the Rio Grande, from Laredo, Texas. Both these stations were licensed

at such tremendous power, that it seems superfluous to figure that high, but each used over one hundred thousand watts. Their coverage has been practically all of the United States, and in fact, Canada, also.

In all respects aside from location of the transmitter, both of the stations—in fact all the border stations have been essentially American. The appeals, for the purpose of dragging in the revenue, have been in English and the programs have been principally in English. And without question the programs have been intended for both the people of the United States and Canada and in each case the principal studios have been located in Texas, across the border from the transmitters.

The seriousness of the situation was at once realized by the United States authorities, but Mexico's only answer to the protests, appears to have been the licensing of more border stations. In protesting to Mexico it was pointed out that almost exclusively was American talent used by the border stations and the reply was a suggestion that the United States take steps to place an embargo on this talent. Then followed the All-America radio conference in Mexico City last summer, that ended, as well known, in a deadlock, and at which the Mexican government insisted on being conceded the two channels that were in use by the stations of Brinkley and Baker.

The broadcasting situation has looked pretty serious to the Washington authorities, and still does. But the suppression of Dr. Brinkley's station has been a rift in the sky. As it was the first to come, so has it been the first to go. Will the others follow? Has there been a change of Mexican heart, and was the State Department, that was asked to sit in on the question, able to cause the Mexican government to see the light?

There are still four border stations operating: XEPN, close to XER, across from Del Rio; XEAW across from Eagle Pass; XENT, across from Laredo; and XEBC, near San Diego, Calif. A license has been granted for another near San Diego and two have been licensed to operate near Brownsville, Texas, while a fourth has been licensed to build near El Paso.

Power? The point seems quite negligible, that is unless the applicant should become too grasping, and ask for a million watts. If he proves to be at all reasonable, and satisfied with five hundred thousand the matter can be easily arranged.

But the eight stations, listed above, could easily blanket all of the United States and Canada. Are they to go ahead with plans and was the suspension of Brinkley's station of no particular international significance. Or, are the others to follow the path of the Brinkley station into oblivion? The radio authorities would like to know.

STORIES OF DOGS

(New York Correspondence)



Albert Payson Terhune, famous writer and authority on dogs, has fresh evidence of the truth of the old adage that "Man's best friend is his dog." Terhune as been writing dog stories for years, but not even in his fiction has he surpassed the examples of canine heroes and loyalty revealed in his dramatizations of true dog stories over an NBC network, each Sunday afternoon, the material for which is contributed by listeners everywhere, and authenticated and dramatized by Terhune.

Mrs. Graham McNamee, nee Ann Ramona, the singing pianist, and Lee Sims, is the daughter of a Harriet Hilliard, vocalist, were classmates in Kansas City.

"AMOS JONES" CALLS ON A REAL-LIFE AMOS JONES, ILL IN A PITTSBURGH HOSPITAL



"Yuh is gonna be betoh, now," says Freeman Gosden, Amos of Amos 'n' Andy, to Amos Jones in real life, who was in a Pittsburgh hospital, stricken with pneumonia. The real Amos said that he was fourteen years old and that he came in from Virginia on a freight train. He tried his best to smile for the photographer, but failed until Amos 'n' Andy went to work just like they do on the air.

FLOYD GIBBONS NOT IN GLASS WITH THIS GIRL



(New York Correspondence)

When Cygna Conly steps up to a microphone and begins to talk, believe-it-or-not, Floyd Gibbons hasn't a chance. Miss Conly, who is one of the world's fastest talkers, recently performed the almost unbelievable feat of reciting Lincoln's Gettysburg address in thirty seconds—a rate of nine words a second, at the Saturday Night Terraplane Party, as a Ripley Believe-It-Or-Not feature over an NBC network.

Sure, Free Speech If Time Is Bought

Those most familiar with the management of radio stations, will vouch that at most broadcasting plants the money of the aspirant for public office is more than welcome, and that, therefore, the piece of proposed legislation on the subject is entirely uncalled for and unnecessary. However, Representative McFadden, of Pennsylvania, has introduced a resolution calling for free speech for the politician—that is, free, if he lays the cash on the table. A station failing to keep its latch string out, on being adjudged guilty, may have its license revoked.

New West Coast Unit For Hearst

Fourth Station in San Francisco Added TO HIS CHAIN

(San Francisco Correspondence)

The National Broadcasting Company, which owns and operates as keys, the two largest stations in this city—KPO and KGO—has sold its third station—KYA—to William Randolph Hearst, according to advices received from New York, where the deal was consummated. While those who acted for the publisher in the negotiations, deny that he has radio chain ambitions, it is a fact that the Hearst interests are gradually acquiring established stations at strategic points. Only recently, Hearst's new acquisition in Pittsburgh—WCAE—was dedicated, to be followed by the purchase of the most important station in San Francisco, aside from the chain key stations.

The most important of the Hearst stations is WINS of New York City. Since taking over this station, the publisher has built it into an enviable position as far as popularity and prestige is concerned.

KYA was operated by the Pacific Broadcasting Company, a subsidiary of NBC. It was acquired by the company, in a deal that included the purchase of the network stations of the late American Broadcasting Company. The other three stations of the group, KJR of Seattle, KEX of Portland and KGA of Spokane, were leased and consolidated with the stations in those cities that were releasing the NBC productions.

Fan mail is a sacred thing to Annette Hanshaw, curly haired singer of the Maxwell House Show Boat Company. She answers her own letters in her own handwriting, holding that a typewritten acknowledgement from a secretary is too formal and impersonal. Needless to say, Annette is kept pretty busy with her pen and paper.

RUSSIAN GENIUS

(New York Correspondence)



Efrem Zimbalist
Mischa Elman



Two of the world's greatest violinists, appeared as guest artists during the past month—over an NBC network and each has considerable in common with the other. Both Mischa Elman and Efrem Zimbalist were born in Russia; both spent many years under the tutelage of the great master, Leopold Auer, whose genius produced Heifetz and Seidel. Elman was born at Tolna, a child of the ghetto, and Zimbalist first saw the light of day at Rostoff on the Don, and both as small children manifested a great love for the violin, when first heard in the hands of their fathers. Both scored great triumphs in this country, following conquests of the capitals of Europe. Both have settled permanently in this country and Zimbalist is married to Alma Gluck, famous grand opera star.

LAST CONTINENT

(Cape Town Correspondence)



John McCormack (left) and John Thomas

With the arrival here of John McCormack, beloved and famous tenor of the Old Sod, that sterling artist will be close to his realization of a long cherished ambition—to have carried his art to all of the six of the world's largest divisions. America was the first to hear the silver-voiced tenor, nearly thirty years ago, after the young singer had won much fame at home and the Dublin Music Festival Medal. His singing was a sensation at the St. Louis World's Fair, and following this appearance he won renown on every continent excepting Africa.

Thomas Triumphs at Metropolitan

(New York Correspondence)

John Charles Thomas, distinguished American baritone, whose recent debut with the Metropolitan Opera Company was one of the sensational successes of the current season, replaces John McCormack on the NBC network, the latter, having been booked for a concert tour of Africa.

The young baritone, who came up from musical comedy, to the front of Africa.

rank of great singers, is an American by birth and training, and his debut with the Metropolitan came after he had sung for years with the leading opera organizations of Europe. He made his appearance on the Metropolitan stage last month in "Traviata" and literally stopped the show when he received a fifteen-minute ovation at the end of the famous De Provenza aria.

Al Goodman, who furnishes the musical background for the George M. Cohan broadcasts, was discovered by Al Jolson several years ago conducting a musical show.

Representative Bland has introduced a bill in the lower house that provides a fine and jail sentence for persons who conduct a lottery or offer prizes over the air.

Aunt Betty Knows All the Old Tunes

Old-Time Music of the South Sponsored by NBC in New Series

(Richmond Correspondence)



Aunt Betty Smith knows all the old folk songs of the Southland, and when she tunes up the old fiddle, all the folks down that way just naturally begin to limber up for the double shuffle, for there is nothing like the old tunes for putting a little life into an old fashioned hoe-down. The fact that Aunt Betty made her bow to the radio audience, came as the result of the determination of John Powell, Richmond composer, to present to the public more of the old music of the South, and the series in which Mrs. Smith appeared was broadcast over an NBC network from station WRVA of Richmond, Virginia.

BROADCAST
EVENTS OF
AUSTRALIA
NEW ZEALAND

HAPPENINGS
IN CAPITOLS
OF EUROPE

Dill Asks Schools to Use Bands

Senator Believes New Channels Ideal for Education

(Washington Correspondence)

Senator C. C. Dill of Washington, the senate's recognized authority on radio, is sponsoring a plan to move the schools and colleges of the land into the new channels authorized at the recent North American conference in Mexico City—channels 150 to 160. Senator Dill, who is chairman of the Senate Interstate Commerce Committee, has mailed a letter outlining his plan to colleges and universities, and the Federal Radio Commission has taken kindly to the idea and formulated rules and regulations governing the use of these experimental broadcast channels, a copy of which have also been forwarded to the schools. In the letter Senator Dill states:

"I have long hoped to see some kind of educational station set up in this country and it has been suggested to me, and the suggestion seems wise, that if various colleges and universities would apply for the use of these new frequencies for experimental purposes, that it might become the nucleus around which to build a great system of educational broadcast stations throughout the entire United States."

VIOLETS ARE BLUE, ROSES PINK;
SEND YOU FIFTY, I DON'T THINK
—Yours as ever, Jack

"If you can send me fifty dollars," wrote Mrs. Jack Benny (Mary Livingstone), to Mr. Jack, "I can stay a while longer; otherwise I'll leave." She left and rejoined Jack, Frank Parker and Frank Black on the Chevrolet program.



Some Opera and Radio Folks

Opera Stars on the Radio and Radio Stars on the Stage

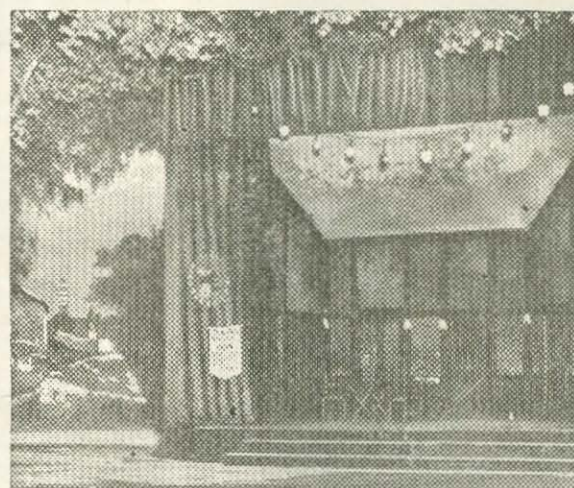
Fame and renown for the singer may lie in the opera, but at least lucrative engagements for its stars are found in radio. Likewise the big names in radio are successfully capitalized as stage attractions. Those on this page, and many others have appeared recently in sponsored broadcasts.

Gladys Swarthout Appears in Beauty Box Theater Series

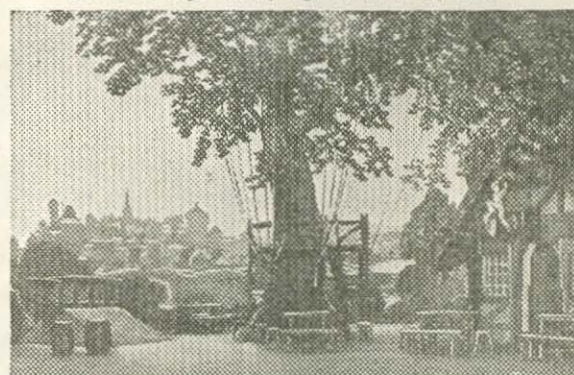
The manufacturers of Palmolive soap, who used to sponsor the Olive Palmer-Paul Oliver program, have taken on something quite pretentious in the Beauty Box Theater series, in which famous operettas of the past are produced. The cast includes Gladys Swarthout, Metropolitan star, Paul Oliver of the former series and a host of other stars.

Sheriff Role Appeals to Lawrence Tibbett; His Father a Sheriff

Lawrence Tibbett, famous baritone of the opera, the movies and radio, has been quoted as declaring his favorite operatic role to be "Sheriff Rance," in "Girl of the Golden West." Tibbett's father was a frontier sheriff of early days and was killed in a shooting affray with outlaws.



(Thousands of people listened to grand opera in New York recently, and thousands multiplied, possibly, by thousands heard radio carry the voices to a nation. Only those who could see, however, beheld these scenes from the stage. Above, Pangiacci and below, Faust.



(It would seem that great opera and radio stars are pretty human after all—just regular folks. Quite a far call from one of the gilded costumes of the Metropolitan to this ski scene in which Richard Crooks is enjoying himself with the wife and the kiddies.



Coe Glade



Mario Chamlee



Mme. Frances Alda



Elisabeth Rethberg



Lucrezia Bori and Richard Bonelli



This is the Lane Team (upper right) of Harmonizers De Luxe,

and the one with the face profile at the right, is Priscilla, whom the press agent says has a shy look; he does not include Sister Rosemary in this, but avers that while she is the elder of the two, she is still too young to go to the polls.

Loretta Lee (upper left) is a Deep Blues Singer from New Orleans

and she is said to have the true Southern accent. She is Dance Bander George Hall's only girl — meaning the girl dispensing songs with the Hall aggregation at the Hotel Taft; heard over Columbia.

Kay Frances (lower right) Was Interviewed From Hollywood

by Louella Parsons, motion picture critic, over the Columbia network recently.

Columbia Says This Contraption (lower left) is a Rocket Gun;

it is in the hands of Dr. Huer of the Buck Rogers serial, heard over Columbia, (Edgar Stehli in real life). Adele Ronson is Wilma Dearing, and Curtis Arnall is Buck himself.



Let These Pages Help You Find the Programs You Will Enjoy

Because most of the interest in radio programs is in the transcontinental features, attention is paid in these pages only to these releases. An orchestra begins to play in New York City; far away in another time zone, you listen to the music. You hear it regularly each day until you come to fix in your mind a certain hour; yet others are still different from the time in the studio where the orchestra is playing. Yet the music that is going across the continent is going on the air at precisely the same second and the answer to this is the changes in standard time that have a great deal to do with radio programs. Time-zone network maps are published frequently in this magazine, showing the time changes that occur, while program time (for the Evening programs that go across the continent) are given in each of the five zones.

Just as the day begins first in the East, so do the first programs appear. On this page are listed the afternoon chain releases, from noon to six in the evening (Eastern time). A few of these programs go across the continent but in the main it is too early for Coast-to-Coast releases. Following these are the Evening Programs, listed on the following double page. Practically this is the entertainment guide of the nation, and the programs listed include radio's most important. From six in the evening until midnight (Eastern Time) all releases on four networks are shown, the majority of which go from Coast to Coast. The period, however, is a little too early for the Pacific Coast (three in the afternoon to nine in the evening). So on the following page the Pacific Coast networks are shown from four in the afternoon to midnight (seven to three in the morning Eastern time). While these schedules overlap the Evening Program schedules, the Coast networks do not carry all of the Eastern releases, supplanting a part of them with their own attractions.

All three schedules are based on 15-minute periods—four to the hour. Three simultaneous releases are listed, one for Columbia and two for NBC (the Blue and Red in the East; the Orange and Gold in the West). The Evening Program schedule includes a fourth network—the Canadian chain. This schedule also gives, where possible, the point of origination of each program, and the zones covered. NBC has but one chain on the Coast (the Orange) but a second program schedule is maintained alternately by the two San Francisco key stations, KGO and KPO, the one broadcasting singly while the other heads the chain on which are carried either Coast NBC programs or Eastern Blue and Red releases.

Quarter Hour Periods in Eastern Standard Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
12:00 NOON	NBC Blue. College Glee Club. Capitol Family. Salt Lake Organ.	Morin Sisters. Arlene Jackson, Songs. Voice of Experience.	U. S. Marine Band. Piano Duo. Voice of Experience.	Eva Taylor, Crooner. The Commodores. Voice of Experience.	Harmony Trio. Piano Recital. Voice of Experience.	Mouth Health. The Commodores. Voice of Experience.	Fireside Songs. Pietro Yon, Organist. Vincent Travers Orch.
12:15	NBC Blue. Baby Rose Marie. Gordon String Quar. Salt Lake Organ.	Josephine Gibson. Johnny Marvin, Tenor. Betty Barthell, Song	U. S. Marine Band. Johnny Marvin, Tenor. Connie Gates, Songs.	Harmony Trio. Johnny Marvin, Tenor. Betty Barthell, Songs	Wendell Hall. Johnny Marvin, Tenor. Connie Gates, Songs.	Wendell Hall. Johnny Marvin, Tenor. Betty Barthell, Songs	Genia Fonarova. Pietro Yon, Organist. Vincent Travers Orch.
12:30	NBC Blue. Radio City Concert. Round Table. Tito Guizar.	Farm and Home Hour. Rex Battle Orch. Emery Deutsch Orch.	Farm and Home Hour. Concert Ensemble. Russian Gypsy Orch.	Farm and Home Hour. On Wings of Song. Smiling Ed McConnell	Farm and Home Hour. Concert Ensemble. Russian Gypsy Orch.	Farm and Home Hour. Rex Battle Orch. George Hall Orch.	Farm and Home Hour. Rex Battle Orch. PianoPainters
12:45	NBC Blue. Radio City Concert. Round Table. Madison Ensemble.	Farm and Home Hour. Rex Battle Orch. Emery Deutsch Orch.	Farm and Home Hour. Concert Ensemble. Russian Gypsy Orch.	Farm and Home Hour. On Wings of Song. M. Raginsky Orch.	Farm and Home Hour. Concert Ensemble. Russian Gypsy Orch.	Farm and Home Hour. Rex Battle Orch. George Hall Orch.	Farm and Home Hour. Rex Battle Orch. Enoch Light Orch.
1:00	NBC Blue. Radio City Concert. Gypsy Music. Church of the Air.	Farm and Home Hour. Markets, Weather. George Hall Orch.	Farm and Home Hour. Markets, Weather. French Princess.	Farm and Home Hour. Markets, Weather. French Princess.	Farm and Home Hour. Markets, Weather. French Princess.	Farm and Home Hour. Markets, Weather. French Princess.	Farm and Home Hour. To Be Announced. Savitt String Quartet
1:15	NBC Blue. Radio City Concert. Gypsy Music. Church of the Air.	Farm and Home Hour. Pinky Hunter Orch. George Hall Orch.	Farm and Home Hour. Emil Velazco. Joan Marrow Orch.	Farm and Home Hour. Close Harmony. Musical Album.	Farm and Home Hour. Pedro Via Orch. Joan Marrow Orch.	Farm and Home Hour. Pinky Hunter Orch. Hurdy Gurdy Man.	Farm and Home Hour. Too Be Announced. Savitt String Quartet
1:30	NBC Blue. Youth Conference. Mary Small, Juvenile. Minstrel Man.	Vic and Sade. Frances Healey. M. Raginsky Orch.	Vic and Sade. Art Exhibit. Easy Aces.	Vic and Sade. Art Exhibit. Educational Program.	Vic and Sade. Art Exhibit. Easy Aces.	Vic and Sade. Art Exhibit. Easy Aces.	Vic and Sade. To Be Announced. Harold Knight Orch.
1:45	NBC Blue. Youth Conference. Mary Small, Juvenile. Minstrel Man.	The Merriemen. Concert Ensemble. M. Raginsky Orch.	Merry Macs. Merle Jacobs Orch. Louis Panico Orch.	The Merriemen. Concert Ensemble. The Playboys.	The Merry Macs. Concert Ensemble. The Captivators.	The Merriemen. Concert Ensemble. Playboys.	Metropolitan Opera. Harold Knight Orch.
2:00	NBC Blue. Bar-X Days, Nights. The Commodores. Broadway Melodies.	Musical Originalities. Revolving Stage. Ann Leaf, Organ.	Meredith Willson Orch. Merry Madcaps. Ann Leaf, Organ.	Happy Days in Dixie. Ned Parish Orch. Thie Captivators.	Foreign Broadcast. William Hain, Tenor. Ann Leaf, Organ.	Musical Originalities. Magic of Speech. Bill Huggins, Songs.	Metropolitan Opera. Metropolitan Opera. Artist Recital.
2:15	NBC Blue. Bar-X Days, Nights. The Commodores. Broadway Melodies.	Musical Originalities. Revolving Stage. Ann Leaf, Organ.	Meredith Willson Orch. Merry Madcaps. Ann Leaf, Organ.	Happy Days in Dixie. Ned Parish Orch. Artist Recital.	Foreign Broadcast. Yasha Bunchuk, Cello. Ann Leaf, Organ.	Musical Originalities. Magic of Speech. Mark Wamow Orch.	Metropolitan Opera. Metropolitan Opera. Artist Recital.
2:30	NBC Blue. Rings of Melody. Cook Travelogues. Hollywood Show.	Smack Out. Dramatic Sketch. School of Air.	Smack Out. Theater of Air. School of Air.	Smack Out. Two Seats in Balcony. School of Air.	Smack Out. Trio Romantique. School of Air.	Boston Symphony. Musical Variety Show. School of Air.	Metropolitan Opera. Metropolitan Opera. Dancing Echoes.
2:45	NBC Blue. Rings of Melody. Gems of Melody. Hollywood Show.	Words and Music. Dramatic Sketch. School of Air.	Nellie Revell. Vocal Program. School of Air.	Words and Music. Two Seats in Balcony. School of Air.	Economics. Talk. School of Air.	Boston Symphony. Musical Variety Show. School of Air.	Metropolitan Opera. Metropolitan Opera. Dancing Echoes.
3:00	NBC Blue. Spartan Trillians. Lady Esther Serenade. Symphony Orchestra.	Radio Guild. Ma Perkins. Oahu Serenaders.	Rochester Civic Orch. Ma Perkins. Metropolitan Parade.	Joe White, Tenor. Ma Perkins. Berumen Musicale.	Reed Kennedy. Ma Perkins. Metropolitan Parade.	Boston Symphony. Ma Perkins. Artist Recital.	Metropolitan Opera. Metropolitan Opera. Round Towners.
3:15	NBC Blue. Spartan Trillians. Lady Esther Serenade. Symphony Orchestra.	Radio Guild. Ray Heatherton. Voice of Experience.	Rochester Civic Orch. Blue Room Echoes. Metropolitan Parade.	Heinie's German Band. The Golden Treasury. Berumen Musicale.	Synopators. Upstaters Quartet. Metropolitan Parade.	Boston Symphony. Ray Heatherton. Artist Recital.	Metropolitan Opera. Metropolitan Opera. Round Towners.
3:30	NBC Blue. The Yeast Foamers. Swift Garden Program. Symphony Orchestra.	Radio Guild. Woman's Radio Review. U.S. Marine Band.	Rochester Civic Orch. London Broadcast. Emery Deutsch Orch.	Heinie's German Band. Woman's Radio Review. Manhattan Moods.	The Merriemen. Woman's Radio Review. Student Federation.	Boston Symphony. Woman's Radio Review. Variety Program.	Metropolitan Opera. Metropolitan Opera. Ann Leaf, Organ.
3:45	NBC Blue. The Yeast Foamers. Swift Garden Program. Symphony Orchestra.	Radio Guild. Woman's Radio Review. U.S. Marine Band.	Rochester Civic Orch. London Broadcast. Emery Deutsch Orch.	Piano Duo. Woman's Radio Review. Manhattan Moods.	The Merriemen. Woman's Radio Review. Curtis Institute.	Boston Symphony. Woman's Radio Review. Variety Program.	Metropolitan Opera. Metropolitan Opera. Ann Leaf, Organ.
4:00	NBC Blue. Dog Drama, Terhune. John B. Kennedy. Symphony Orchestra.	Betty and Bob. Headlines in Song. Bill Huggins, Songs.	Betty and Bob. Woman's Radio Review. U. S. Navy Band.	Betty and Bob. Pop Concert. Musical Classics.	Betty and Bob. Winters and Weber. Curtis Institute.	Betty and Bob. Horacio Zito Orch. Grab Bag.	Metropolitan Opera. Metropolitan Opera. Sat. Synopators.
4:15	NBC Blue. Organ Recital. Wildroot Program. Symphony Orchestra.	Piano Duo. To Be Announced. Congress Musicale.	Musical Program. Prehistoric Trails. U. S. Navy Band.	Alice Joy, Dream Girl. Pop Concert. Musical Classics.	Alice Joy, Dream Girl. Winters and Weber. Curtis Institute.	Music and Drama. Nellie Revell. Grab Bag.	Metropolitan Opera. Metropolitan Opera. Sat. Synopators.
4:30	NBC Blue. Dramatic Sketch. Hoover Sentinels. Symphony Orchestra.	Monday Matinee. Roxanne Wallace, Song. Congress Musicale.	Musical Magic. Horacio Zito Orch. Bob Standish Orch.	Hutchins Haggood. Jack-Loretta Clemens. Science Service.	Musical Magic. Hazel Glenn, Sopr. Bob Standish, Bari.	Temple of Song. Concert Orchestra. U. S. Army Band.	Metropolitan Opera. Metropolitan Opera. M. Raginsky Ensemble.
4:45	NBC Blue. Dramatic Sketch. Hoover Sentinels. Symphony Orchestra.	Monday Matinee. Lady Next Door. Congress Musicale.	Harry Owens Orch. Lady Next Door. Madison Ensemble.	Concert Favorite. Lady Next Door. The Merry-makers.	Musical Magic. Lady Next Door. Artist Recital.	Temple of Song. Concert Orch. U. S. Army Band.	Metropolitan Opera. Metropolitan Opera. M. Raginsky Ensemble.
5:00	NBC Blue. National Vespers. To Be Announced. Roses and Drums.	Your Health. Leo Zollo Orch. Skippy.	Harry Owens Orch. The Music Box. Skippy.	Roy Shields Orch. Folk Music of South. Skippy.	Fed. Women's Clubs. Meredith Willson Orch. Skippy.	William Lundell. Concert Artists. Skippy.	Metropolitan Opera. Metropolitan Opera. Pancho Orch.
5:15	NBC Blue. National Vespers. Waves of Romance. Roses and Drums.	Jackie Heller, Tenor. Leo Zollo Orch. The Dictators.	Jackie Heller, Tenor. The Music Box. Madison Ensemble.	Roy Shields Orch. Ted Black Orch. Brooks and Copeland.	Max Dolin, Violinist. Meredith Willson Orch. George Hall Orch.	Jackie Heller, Tenor. Concert Artists. Dick Messner Orch.	Harmony Trio. Metropolitan Opera. Pancho Orch.
5:30	NBC Blue. Grand Hotel. Talkie Picture Time. Crumit and Sanderson.	The Singing Lady. To Be Announced. All American Boy.	Singing Lady. Children's Program. All American Boy.	Singing Lady. To Be Announced. All American Boy.	The Singing Lady. Winnie the Pooh. All American Boy.	Singing Lady. To Be Announced. All American Boy.	Jackie Heller, Tenor. Economics. All American Boy.
5:45	NBC Blue. Grand Hotel. Roses and Drums. Talkie Picture Time.	Little Orphan Annie. Wizard of Oz. Maurie Sherman Orch.	Little Orphan Annie. Rex Cole Mountaineers. Maurie Sherman Orch.	Little Orphan Annie. Wizard of Oz. Maurie Sherman Orch.	Little Orphan Annie. Rex Cole Mountaineers. Stamp Club.	Little Orphan Annie. Wizard of Oz. Maurie Sherman Orch.	Little Orphan Annie. Chas. Carille, Tenor.

Quarter Hour Periods in Pacific Standard Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
4:00	NBC Gold. Ted Weems' Orch. Community Forum. Cystex Detective.	Art and Music. Horsensense Philosophy. Melodies Organistique.	Family Cook Book. Mary Small, Juvenile. Correct English.	Irving Kennedy, Tenor. Martha Mears, Songs. Melodies Organistique.	Family Cook Book. Mary Small, Juvenile. Recordings.	Studio Chatter. Dance Masters. Hodge Podge Lodge.	Stringwood Ensemble. Three Stamps. Elder Michaux Cong.
4:15	NBC Gold. Ted Weems' Orch. Community Forum. Welsh Madrigal Choir.	Agatha Turley, Songs. Oriental Gardens Orch. Texas Rangers.	John and Ned. Your Government. Texas Rangers.	Children's Hour. Oriental Gardens Orch. Texas Rangers.	The Supper Club. Ave. Restaurant Orch. Texas Rangers.	Studio Chatter. Stradivarius Quartet. Hodge Podge Lodge.	Tom Coakley, Orch. Religion in News. Elder Michaux Cong.
4:30	NBC Gold. J. Penner, Comedian. Silhouettes. Clarence Wheeler Orch.	Mary and Her Garden. Stringwood Ensemble. Shumate Bros. Quar.	Mary and Her Garden. Your Government. Melodies Organistique.	Mary and Her Garden. Dialogue and Song. Ruth and Russ.	Romantic Melodies. Arion Trio. Recordings.	George Gershwin Orch. Three X Sisters. Clarence Wheeler Orch.	Tom Coakley, Orch. Martha Mears, Songs. Mixed Quartet.
4:45	NBC Gold. J. Penner, Comedian. Silhouettes. Organ and Harp.	Little Orphan Annie. Stringwood Ensemble. Town Topics.	Little Orphan Annie. Nane'te LaSalle, Songs. Town Topics.	Little Orphan Annie. Tone Portraits. Town Topics.	Romantic Melodies. Arion Trio. Town Topics.	Mary and Her Garden. Juvenile Program. Town Topics.	Nane'te LaSalle, Songs. News Broadcast. Town Topics.
5:00	NBC Gold. Cantor and Rubinoff. Silhouettes. An Evening in Paris.	Julie Stein Orch. Stringwood Ensemble. Charlie Lung Gang.	Balladettes. Organ Concert. Theatre of the Air.	Royal Gelatine Review. Tone Portraits. Charlie Lung Gang.	Fleischmann Hour. Arion Trio. Little Theatre of Air.	Stories Hum'n Behavi'r. Arion Trio. Joleup Program. Charlie Lung Gang.	Arion Trio. Art in America. Dance Music.
5:15	NBC Gold. Cantor and Rubinoff. Walter Behan Orch. An Evening in Paris.	Julie Stein Orch. News Broadcast. H Bar O Rangers.	Balladettes. News Broadcast. H Bar O Rangers.	Royal Gelatine Review. News Broadcast. H Bar O Rangers.	Fleischmann Hour. Joleup Program. H Bar O Rangers.	Sax Appeal. News Broadcast. H Bar O Rangers.	Arion Trio. The Cavaliers. Gus Arnheim Orch.
5:30	NBC Gold. Cantor and Rubinoff. Walter Behan Orch. Waring Pennsylvanians.	Billy Batchelor. Piano Pals. Bing Crosby.	Billy Batchelor. Arion Trio. Charlie Lung Gang.	Billy Batchelor. Arion Trio. A. Spalding, Violin.	Fleischmann Hour. Organ Concert. Round Table.	Billy Batchelor. Josef Hornik, Orch. March of Time.	Billy Batchelor. Soule's Pons de Paris. Helen Nagin, Pianist.
5:45	NBC Gold. Cantor and Rubinoff. Henry M. Hyde, Astr. Waring Pennsylvanians.	Little Orphan Annie. Carlos Molina Orch. Bing Crosby.	Little Orphan Annie. Peasant Band. Sports Authority.	Little Orphan Annie. Hal Kemp Orch. A. Spalding, Violin.	Fleischmann Hour. Behind the Footlights. Clarence Wheeler, Orch.	Little Orphan Annie. Ross, Dog Stories. March of Time.	Little Orphan Annie. Soule's Pons de Paris. Trade and Mark.
6:00	NBC Gold. Man. Merry-Go-Round. Gunnar Johansen. Seven Star Revue.	Sinclair Minstrels. Paul Carson, Organ. Chesterfield Program.	Canzonetta. Doric Quartet. To Be Announced.	Ipana Troubadours. Melody Mixers. Chesterfield Program.	Maxwell House. Marshall's Mavericks. To Be Announced.	Phil Harris, Orch. Stringwood Ensemble. Chesterfield Program.	Colgate House Party. Melody Mixers. Chesterfield Program.
6:15	NBC Gold. Man. Merry-Go-Round. Gunnar Johansen. Seven Star Revue.	Sinclair Minstrels. Paul Carson, Organ. Chesterfield Program.	Historical Sketches. Doric Quartet. Ruth Etting.	Ipana Troubadours. Melody Mixers. Chesterfield Program.	Maxwell House. Marshall's Mavericks. Fray and Braggiotti.	Phil Harris, Orch. Stringwood Ensemble. Chesterfield Program.	Colgate House Party. Melody Mixers. Chesterfield Program.
6:30	NBC Gold. Album Familiar Music. Paul Carson, Organ. Seven Star Revue.	Dobbie Ship of Joy. Saxef First. The Big Show.	Texaco Fire Chief. Josef Hornik Orch. Grunow Refrigerators.	Vince Program. Melody Mixers. Guy Lombardo Orch.	Maxwell House. Business Talk. Waring Pennsylvanians.	Phil Baker, Armour Musical Program. Powder Box Revue.	Beatrice Fairfax. Stringwood Ensemble. George Jessel.
6:45	NBC Gold. Album Familiar Music. Paul Carson, Organ. Seven Star Revue.	Dobbie Ship of Joy. Deets. Black and Blue. The Big Show.	Texaco Fire Chief. Josef Hornik Orch. Grunow Refrigerators.	Vince Program. Deets. Black and Blue. Guy Lombardo Orch.	Maxwell House. Josef Hornik Orch. Waring Pennsylvanians.	Phil Baker, Armour Deets. Black and Blue. Powder Box Revue.	Beatrice Fairfax. Stringwood Ensemble. George Jessel.
7:00	NBC Gold. Chevrolet Program. Knickerbocker Quar. Angelo Patri.	Contented Program. Southern Harmony. Wayne King's Orch.	Seth Parker. Flori and Lev Shorr. Camel Caravan.	Corn Cob Pipe Club. Agriculture Today. Ted Fio Rito's Orch.	Paul Whiteman, Orch. Josef Hornik Orch. Camel Caravan.	First Nighter. Sport's Revue. Swift Revue.	B. A. Rolfe, Orch. Educational Program. Byrd Expedition.
7:15	NBC Gold. Chevrolet Program. Personal Close-Ups. Angelo Patri.	Contented Program. Paul Martin, Banjo. Wayne King's Orch.	Seth Parker. Flori and Lev Shorr. Camel Caravan.	Corn Cob Pipe Club. Cleff Dwellers. Ted Fio Rito Orch.	Paul Whiteman, Orch. Political Address. Camel Caravan.	First Nighter. Melody Mixers. Swift Revue.	B. A. Rolfe, Orch. Cleff Dwellers. Byrd Expedition.
7:30	NBC Gold. Hall of Fame. Rainbow Harmonies. The Merry-makers.	Demi-Tasse Revue. Emil Polak Orch. Mark Warnow.	Madame Sylvia. Chamber of Com. Harlem Serenade.	Chester Rowell. Edna Fischer, Piano. Andre Kostelanetz.	Paul Whiteman, Orch. Edna Fischer, Piano. Evan Evans Orch.	Jack Benny. Edna Fischer, Piano. Rocket Gasoline.	Barn Dance. Bal Tabarin Orch. General Mills Program.
7:45	NBC Gold. Hall of Fame. Rainbow Harmonies. The Merry-makers.	Demi-Tasse Revue. Stanford U. Program. Myrt and Marge.	Caswell Concert. Robt. Simmons, Tenor. Myrt and Marge.	Walter Behan Orch. Song Thots. Myrt and Marge.	Paul Whiteman, Orch. Nane'te LaSalle, Songs. Myrt and Marge.	Jack Benny. Hart Instrumentalists. Myrt and Marge.	Barn Dance. Bal Tabarin Orch. General Mills Program.
8:00	NBC Gold. Wendell Hall. Rudy Seiger's Orch. The Merry-makers.	Amos 'n' Andy. Edna Fischer, Piano. Shell Show.	Amos 'n' Andy. Emil Polak Orch. Chas. Carlie, Tenor.	Amos 'n' Andy. Song Thots. Edith Murray.	Amos 'n' Andy. Arion Trio. Vera Van, Songs.	Amos 'n' Andy. Hart Instrumentalists. Freddie Rich Orch.	Barn Dance. Musical Program. General Mills Program.
8:15	NBC Gold. Walter Winchell. Rudy Seiger's Orch. The Merry-makers.	Hotel St. Regis Orch. Dramatic Sketch. Shell Show.	Memory Lane. Holly. Looking Glass. Minute Melodies.	Knight's Cuckoos. Red Davis Sketch. Minute Melodies.	Standard Symphony. Arion Trio. News Broadcast.	One Man's Family. Red Davis, Sketch. Jeffrey Gill, Crooner.	Barn Dance. Musical Program. General Mills Program.
8:30	NBC Gold. Death Valley Days. Phil Harris Orch. Little Jack Little.	Voice of Firestone. Magnolia Minstrels. Shell Show.	Memory Lane. Meredith Willson Orch. Ozzie Nelson, Orch.	Knight's Cuckoos. Stringwood Ensemble. Little Jack Little.	Standard Symphony. Eno Crime Clues. Isham Jones, Orch.	One Man's Family. Eno Crime Clues. Isham Jones, Orch.	Piano Pals. Emil Polak Orch. Peter the Great.
8:45	NBC Gold. Death Valley Days. Phil Harris Orch. Ace Brigade Orch.	Voice of Firestone. Magnolia Minstrels. Shell Show.	Adven. in Health. Meredith Willson Orch. Voice of Experience.	To Be Announced. Stringwood Ensemble. Buccaneers.	Standard Symphony. Eno Crime Clues. Harry Sosnik Orch.	Hollywood on the Air. Eno Crime Clues. Friday Frolic.	Musical Program. Emil Polak Orch. Peter the Great.
9:00	NBC Gold. Reader's Guide. To Be Announced. Louis Panico Orch.	To Be Announced. NBC Drama Hour. Leon Belasco Orch.	Ben Bernie's Orch. Frankie Masters Orch. Crazy Crystals.	Sal Hepatica Revue. Ralph Kirby, Songs. Sports Parade.	Standard Symphony. Jimmy Lunceford Orch. Blue Monday Jamb'ree.	Hollywood on the Air. Buddy Rogers Orch. Friday Frolic.	Nathan Abas, Violinist. Carefree Carnival. Gus Arnheim Orch.
9:15	NBC Gold. True Story Program. Louis Panico Orch. Bal Tabarin Orch.	To Be Announced. NBC Drama Hour. Leon Belasco Orch.	Ben Bernie's Orch. Frankie Masters Orch. Crazy Crystals.	Sal Hepatica Revue. Book Parade. Sports Parade.	Winning the West. Quartet Time. Blue Monday Jamb'ree.	Jay Whidden Orch. Buddy Rogers Orch. Crazy Crystals.	Nathan Abas, Violinist. Carefree Carnival. Gus Arnheim Orch.
9:30	NBC Gold. True Story Program. U. of C. Program. Ted Fio Rito Orch.	Memory Box. Meredith Willson Orch. Pancho Orch.	Song of Araby. Tom Coakley, Orch. Hodge Podge Lodge.	Sal Hepatica Revue. Seven Seas. Griff Williams Orch.	Winning the West. Waltz Time. Blue Monday Jamboree.	Memory Box. Big Ten Program. Crazy Crystals.	Jay Whidden Orch. Carefree Carnival. Jackie Souder Orch.
9:45	NBC Gold. True Story Program. U. of C. Program. Ted Fio Rito Orch.	Harry Sosnik Orch. Meredith Willson Orch. Pancho Orch.	Song of Araby. Police Chief Quinn. Hodge Podge Lodge.	Sal Hepatica Revue. Seven Seas. Griff Williams Orch.	William Scotti Orch. Waltz Time. Blue Mon Jamboree.	Hal Kemp Orch. Big Ten Program. Louis Panico Orch.	Jay Whidden Orch. Carefree Carnival. Jackie Souder Orch.
10:00	NBC Gold. Richfield News Flashes. Smith Ballew Orch. News Editor of Air.	Richfield News Flashes. Powder Puff Revue. News Editor of Air.	Richfield News Flashes. Pacific Serenaders. News Editor of Air.	Richfield News Flashes. Marshall's Mavericks. Dramatic Sketch.	Richfield News Flashes. Zizz Black Orch. News Editor of Air.	Richfield News Flashes. Stringwood Ensemble. Bill Fleck, Orch.	Stringwood Ensemble. Alvino Rey, Guitar. News Editor of Air.
10:15	NBC Gold. Paul Carson, Organ. Smith Ballew Orch. Griff Williams' Orch.	Jay Whidden Orch. Powder Puff Revue. Bill Fleck Orch.	Jay Whidden Orch. Pacific Serenaders. Bill Fleck Orch.	Jay Whidden Orch. Marshall's Mavericks. Bill Fleck Orch.	Jay Whidden Orch. 7-12 Black Orch. Bill Fleck Orch.	Jack Bain Orch. Stringwood Ensemble. Bill Fleck, Orch.	Alvino Rey, Guitar. Alvino Rey, Guitar. Ted Fio Rito Orch.
10:30	NBC Gold. Paul Carson, Organ. Josef Hornik Orch. Griff Williams' Orch.	Jay Whidden Orch. Pacific Serenaders. Jack Ross Roundup.	Jay Whidden Orch. Pacific Serenaders. Ted Fio Rito Orch.	Jay Whidden Orch. Pacific Serenaders. Gus Arnheim Orch.	Jay Whidden Orch. Josef Hornik Orch. Ted Fio Rito Orch.	Club Villa Orch. Hart Instrumentalists. Ted Fio Rito Orch.	Club Villa Orch. Hart Instrumentalists. Ted Fio Rito Orch.
10:45	NBC Gold. Paul Carson, Organ. Josef Hornik Orch. Griff Williams' Orch.	Jay Whidden Orch. Pacific Serenaders. Jack Ross Roundup.	Jay Whidden Orch. Pacific Serenaders. Ted Fio Rito Orch.	Jay Whidden Orch. Pacific Serenaders. Gus Arnheim Orch.	Jay Whidden Orch. Josef Hornik Orch. Ted Fio Rito Orch.	Jack Bain Orch. Musical Program. Gus Arnheim Orch.	Club Villa Orch. Hart Instrumentalists. Ted Fio Rito Orch.
11:00	NBC Gold. Tom Coakley Orch. Midnight Melodies. Midnight Moods.	Organ Concert. Ted Fio Rito Orch. Jack Ross Roundup.	Tom Coakley Orch. Ted Fio Rito Orch. Bill Fleck Orch.	Tom Coakley Orch. Ted Fio Rito Orch. Bill Fleck Orch.	Tom Coakley Orch. Ted Fio Rito Orch. Bill Fleck Orch.	Tom Coakley Orch. Ted Fio Rito Orch. Bill Fleck Orch.	Tom Coakley, Orch. Ted Fio Rito Orch. To Be Announced.
11:15	NBC Gold. Tom Coakley Orch. Midnight Melodies. Midnight Moods.	Organ Concert. Ted Fio Rito Orch. Jack Ross Roundup.	Tom Coakley Orch. Tom Coakley Orch. Bill Fleck Orch.	Tom Coakley Orch. Ted Fio Rito Orch. Bill Fleck Orch.	Tom Coakley Orch. Ted Fio Rito Orch. Bill Fleck Orch.	Tom Coakley Orch. Ted Fio Rito Orch. Bill Fleck Orch.	Tom Coakley, Orch. Ted Fio Rito Orch. To Be Announced.
11:30	NBC Gold. Tom Coakley Orch. Midnight Melodies. Midnight Moods.	Stringwood Ensemble. Organ Concert. Bill Fleck Orch.	Organ Concert. Bal Tabarin Orch. Midnight Moods.	Organ Concert. Bal Tabarin Orch. Midnight Moods.	Organ Concert. Bal Tabarin Orch. Midnight Moods.	Organ Concert. Bal Tabarin Orch. Midnight Moods.	Emil Polak, Orch. Organ Recital. Tony Pecetti Orch.
11:45	NBC Gold. Tom Coakley Orch. Midnight Melodies. Midnight Moods.	Stringwood Ensemble. Organ Concert. Bill Fleck Orch.	Organ Concert. Bal Tabarin Orch. midnight Moods.	Organ Concert. Bal Tabarin Orch. Midnight Moods.	Organ Concert. Bal Tabarin Orch. Midnight Moods.	Organ Concert. Bal Tabarin Orch. Midnight Moods.	Emil Polak Orch. Organ Recital. Tony Pecetti Orch.

This table covers six hours of evening broadcasting for each day of the week, each day being in a vertical panel and the six hours of each day are in black horizontal panels, from six to midnight New York time (3 to 9 Pacific Coast). Consider only the time in your own time zone.

In this column time is shown in five zones, each hour divided into quarter hour periods and each of these showing the four chains whose programs are listed on these pages.

Atlantic Time	Eastern Time	Central Time	Mountain Time	Pacific Time
7:00	6:00	5:00	4:00	3:00
7:15	6:15	5:15	4:15	3:15
7:30	6:30	5:30	4:30	3:30
7:45	6:45	5:45	4:45	3:45

Atlantic Time	Eastern Time	Central Time	Mountain Time	Pacific Time
8:00	7:00	6:00	5:00	4:00
8:15	7:15	6:15	5:15	4:15
8:30	7:30	6:30	5:30	4:30
8:45	7:45	6:45	5:45	4:45

Atlantic Time	Eastern Time	Central Time	Mountain Time	Pacific Time
9:00	8:00	7:00	6:00	5:00
9:15	8:15	7:15	6:15	5:15
9:30	8:30	7:30	6:30	5:30
9:45	8:45	7:45	6:45	5:45

Atlantic Time	Eastern Time	Central Time	Mountain Time	Pacific Time
10:00	9:00	8:00	7:00	6:00
10:15	9:15	8:15	7:15	6:15
10:30	9:30	8:30	7:30	6:30
10:45	9:45	8:45	7:45	6:45

Atlantic Time	Eastern Time	Central Time	Mountain Time	Pacific Time
11:00	10:00	9:00	8:00	7:00
11:15	10:15	9:15	8:15	7:15
11:30	10:30	9:30	8:30	7:30
11:45	10:45	9:45	8:45	7:45

Atlantic Time	Eastern Time	Central Time	Mountain Time	Pacific Time
12:00	11:00	10:00	9:00	8:00
12:15	11:15	10:15	9:15	8:15
12:30	11:30	10:30	9:30	8:30
12:45	11:45	10:45	9:45	8:45

SUNDAY EVENING PROGRAMS

Origin	TITLE	Zones
NY	Cadillac Concerts	EandC
NY	Catholic Hour	ECMP
NY	To Be Announced	EandC
Vanc.	Educational Program	AtoP
NY	Cadillac Concerts	EandC
NY	Catholic Hour	ECMP
NY	To Be Announced	EandC
Tor.	Ian Clark, Baritone	AandE
NY	Cadillac Concerts	EandC
Wash.	Our American School	ECMP
Hal.	Smiling Ed McConnell	EandC
Hal.	Organ Program	AandE
NY	Cadillac Concerts	EandC
Wash.	Our American School	ECMP
Hal.	Ward's Family Theater	EandC
Hal.	Organ Program	AandE

Chi.	Ted Weems' Orchestra	ECMP
NY	True Story Program	EandC
NY	The Marx Brothers	ECMP
Mon.	Le Vieil Album	AandE
Chi.	Ted Weems' Orchestra	ECMP
NY	True Story Program	EandC
NY	Welch Madrigal Choir	EandC
Mon.	The Sax Masters	AandE
NY	The Bakers' Broadcast	ECMP
NY	True Story Program	EandC
Wards	Family Theatre	EandC
Mon.	Masters of Music	AandE
NY	The Bakers' Broadcast	ECMP
Chi.	The Fitch Program	EandC
NY	Rin Tin Tin Thrillers	EandC
Mon.	Masters of Music	AandE

Barnhart	Symphony Band	EandC
NY	Chase & Sanborn Hour	ECMP
Ott.	Chateau Laurier	AECM
Barnhart	Symphony Band	EandC
NY	Chase & Sanborn Hour	ECMP
Ott.	Chateau Laurier	AECM
Barnhart	Symphony Band	EandC
NY	Chase & Sanborn Hour	ECMP
Waring's	Pennsylvanians	ECMP
Angelus	Vocal Ensemble	AtoP
Barnhart	Symphony Band	EandC
NY	Chase & Sanborn Hour	ECMP
Waring's	Pennsylvanians	ECMP
Angelus	Vocal Ensemble	AtoP

NY	Gulf Headliners	EandC
NY	Manhattan Merry-Go-Round	ECMP
NY	The Seven Star Revue	ECMP
NY	Operetta	AtoP
NY	Gulf Headliners	EandC
NY	Manhattan Merry-Go-Round	ECMP
NY	The Seven Star Revue	ECMP
NY	Operetta	AtoP
NY	Walter Winchell	EandC
NY	American Album Familiar Music	ECMP
NY	The Seven Star Revue	ECMP
NY	Operetta	AtoP
NY	To Be Announced	EandC
NY	American Album Familiar Music	ECMP
NY	The Seven Star Revue	ECMP
NY	Operetta	AtoP

NY	Kay-Seven	EandC
NY	Chevrolet Program	ECMP
Vanc.	"Patri's Drama Of Childhood"	ECMP
Vanc.	Artist Series	AtoP
NY	Kay-Seven	EandC
NY	Chevrolet Program	ECMP
Phil.	Virginia Old Timers	ECMP
Vanc.	Artist Series	AtoP
NY	Concert Ensemble	EandC
NY	Hall of Fame	ECMP
NY	Ernest Hutcheson, Pianist	ECMP
Vanc.	Artists Series	AtoP
NY	Concert Ensemble	EandC
NY	Hall of Fame	ECMP
NY	Ernest Hutcheson, Pianist	ECMP
Tor.	Mendelssohn Choir	AtoP

NY	International Tid-Bits	EandC
NY	Siberian Singers	EandC
Reg.	H. V. Kaltenborn, News	ECM
Reg.	Twilight Echoes From the Fires	ECMP
Chi.	Ennio Bolognini	EandC
NY	Roxanne Wallace, Contralto	EandC
Reg.	Little Jack Little	ECMP
Reg.	Twilight Echoes From the Fires	ECMP
NY	Ben Pollack Orchestra	EandC
Chi.	Phil Harris Orchestra	EandC
NY	Ace Brigade Orchestra	ECMP
NY	To Be Announced	EandC
NY	Ben Pollack Orchestra	ECMP
Chi.	Phil Harris Orchestra	EandC
NY	Ace Brigade Orchestra	EandC
NY	To Be Announced	ECMP

MONDAY EVENING PROGRAMS

Origin	TITLE	Zones
Wash.	U. S. Army Band	EandC
NY	Peter Van Steeden Orch.	ECMP
NY	Buck Rogers in 25th Century	EandC
Wash.	U. S. Army Band	EandC
NY	Peter Van Steeden Orch.	ECMP
Chi.	Gene and Charlie	ECM
NY	Three X Sisters	EandC
Chi.	To Be Announced	EandC
NY	Sam Robbins Orch.	EandC
Que.	Musicale	AandE
NY	Lowell Thomas; News	EandC
NY	Henry Burbig Rhythm Boys	EandC
NY	Sam Robbins Orch.	EandC
Que.	Musicale	AandE

Chi.	Amos 'n' Andy	EandC
NY	Horsemanship Philosophy	EandC
Chi.	Myrt and Marge	EandC
Mon.	Chas. Dornberger's Orchestra	AandE
NY	Baby Rose Marie, Songs	EandC
NY	Billy Batchelor	EandC
NY	Vincent Travers Orchestra	EandC
Mon.	Chas. Dornberger's Orchestra	AandE
NY	George Gershwin Orch.	ECMP
NY	The Mollie Show	EandC
NY	Music on the Air	EandC
Tor.	Music, Chatter and Song	AandE
NY	Krauter String Quartet	ECMP
NY	The Goldbergs	EandC
NY	Boake Carter, News	EandC
Tor.	Music, Chatter and Song	AandE

NY	To Be Announced	EandC
NY	Socoyland Sketches	EandC
NY	Happy Bakers	EandC
Edm.	Al Oliver's Hawaiians	AEC
NY	To Be Announced	EandC
NY	Socoyland Sketches	EandC
NY	Edwin C. Hill, News	EandC
Edm.	Al Oliver's Hawaiians	AEC
NY	To Be Announced	EandC
NY	The Voice of Firestone	ECMP
NY	Bing Crosby	ECMP
Tor.	Conservatory String Quartet	AEC
NY	To Be Announced	EandC
NY	The Voice of Firestone	ECMP
NY	Bing Crosby	ECMP
Tor.	Conservatory String Quartet	AEC

NY	Sinclair Greater Minstrels	ECM
NY	A & P Gypsies	EandC
NY	Andre Kostelanetz Orch.	ECMP
Tor.	Gaiety and Romance	AtoP
NY	Sinclair Greater Minstrels	ECM
NY	A & P Gypsies	EandC
NY	Andre Kostelanetz Orch.	ECMP
Tor.	Gaiety and Romance	AtoP
NY	Jack Frost's Melody Moments	EandC
NY	Capt. Dobbsie, Ship of Joy	ECM
NY	The Big Show	ECMP
Tor.	Gaiety and Romance	AtoP
NY	Jack Frost's Melody Moments	EandC
NY	Capt. Dobbsie, Ship of Joy	ECM
NY	The Big Show	ECMP
Tor.	Gaiety and Romance	AtoP

NY	Dramatic Program	EandC
NY	Contended Program	ECMP
NY	Lady Esther Serenade	ECMP
Mont.	An Evening in Monte Carlo	AandE
NY	Dramatic Program	EandC
NY	Contended Program	ECMP
NY	Lady Esther Serenade	ECMP
Mont.	An Evening in Monte Carlo	AandE
NY	Henri Deering, Piano	EandC
Wash.	National Radio Forum	EandC
Reg.	Mark Wamow Orch.	ECM
Reg.	Moonlight on the River	AtoP
NY	Hillbilly Program	EandC
Wash.	National Radio Forum	EandC
Reg.	Myrt and Marge	ECMP
Reg.	Moonlight on the River	AtoP

Chi.	Amos 'n' Andy	CMP
NY	John B. Kennedy	EandC
NY	Charles Carlie, Tenor	ECM
Win.	Rural Dramatic Sketch	AtoP
NY	The Poet Prince	EandC
Chi.	Oriental Gardens Orchestra	EandC
Win.	News Service	ECMP
Win.	Rural Dramatic Sketch	AtoP
NY	Phil Harris Orchestra	EandC
NY	Paul Whiteman Orchestra	EandC
NY	Ozzie Nelson's Orchestra	ECMP
Win.	Rural Dramatic Sketch	AtoP
NY	Adventures in Health	EandC
NY	Paul Whiteman Orchestra	EandC
NY	Enoch Light Orchestra	ECMP

TUESDAY EVENING PROGRAMS

Origin	TITLE	Zones
NY	Angelo Ferdinand Orch.	EandC
NY	Mme. Frances Alda	ECMP
NY	Buck Rogers in 25th Century	EandC
NY	Angelo Ferdinand Orch.	EandC
NY	Mme. Frances Alda	ECMP
Chi.	Bob Nolan and Norm Sherr	ECM
NY	The Ivory Stamp Club	EandC
NY	Mid-Week Hymn Sing	ECMP
NY	M. Raginsky Orchestra	EandC
Ham.	Carefree Harmony	AandE
NY	Lowell Thomas; News	EandC
NY	Cheerio Musical Mosaics	ECMP
NY	Tito Guizar, Mexican Tenor	ECM
Ham.	Carefree Harmony	AandE

Chi.	Amos 'n' Andy	EandC
NY	Mary Small, Juvenile Songs	EandC
NY	Myrt and Marge	EandC
Tor.	Chateau Laurier	AandE
NY	You and Your Government	ECMP
NY	Billy Batchelor	EandC
NY	Warwick Sisters	EandC
Tor.	Beautiful Lady	AandE
NY	You and Your Government	ECMP
NY	Arlene Jackson, Songs	EandC
Phil.	Silver Dust Serenaders	EandC
Hal.	Song Sketches	AandE
NY	Grace and Eddie Albert	EandC
Chi.	The Goldbergs	EandC
NY	Boake Carter, News	EandC
Hal.	Song Sketches	AandE

NY	Eno Crime Clues	EandC
NY	Leo Reisman Orchestra	ECMP
NY	Little Jack Little Orchestra	EandC
Tor.	Rex Battle's Orchestra	AandE
NY	Eno Crime Clues	EandC
NY	Leo Reisman Orchestra	ECMP
NY	Freddie Rich Orchestra	ECM
NY	Edwin C. Hill, News	EandC
Cal.	The Serenaders	AECM
NY	Eno Crime Clues	EandC
NY	The Royal Gelatine Review	ECMP
NY	Edwin C. Hill, News	EandC
Cal.	The Serenaders	AECM
NY	Dangerous Paradise	EandC
NY	Lady Esther Serenade	EandC
NY	Albert Spalding, Violin	ECMP
Ott.	Joe De Courcy's Orchestra	AECM
NY	To Be Announced	EandC
NY	Lady Esther Serenade	EandC
NY	Albert Spalding, Violin	ECMP
Ott.	Joe De Courcy's Orchestra	AECM

NY	Raymond Knight Cuckoos	EandC
NY	Sal Hepatica Revue	ECMP
NY	Chesterfield Program	ECMP
Mont.	Une heure pres de vous	AtoP
NY	Raymond Knight and Cuckoos	EandC
NY	Sal Hepatica Revue	ECMP
NY	Chesterfield Program	ECMP
Mont.	Une heure pres de vous	AtoP
NY	The Vince Program	ECMP
NY	Sal Hepatica Revue	ECMP
NY	Guy Lombardo's Orchestra	ECMP
Mont.	Une heure pres de vous	AtoP
NY	The Vince Program	ECMP
NY	Sal Hepatica Revue	ECMP
NY	Guy Lombardo's Orchestra	ECMP
Mont.	Une heure pres de vous	AtoP

Chi.	Vincent Lopez Orchestra	EandC
Rich.	Corn Cob Pipe Club	ECMP
NY	Old Gold Program	ECMP
Ott.	Sign of the Three Pigeons	AandE
Chi.	Vincent Lopez Orchestra	EandC
Rich.	Corn Cob Pipe Club	ECMP
NY	Old Gold Program	ECMP
Ott.	Sign of the Three Pigeons	AandE
NY	Conoco Tourist Adventures	ECM
NY	Ghost Stories	EandC
NY	Freddie Rich Orchestra	ECM
Ott.	Hotel Saskatchewan Orchestra	AtoP
NY	Conoco Tourist Adventures	ECM
NY	Ghost Stories	EandC
NY	Freddie Rich Orchestra	ECM
Ott.	Hotel Saskatchewan Orchestra	AtoP

Chi.	Amos 'n' Andy	CMP
NY	John B. Kennedy	EandC
NY	Charles Carlie, Tenor	ECM
Win.	Rural Dramatic Sketch	AtoP
NY	The Poet Prince	EandC
Chi.	Oriental Gardens Orchestra	EandC
Win.	News Service	ECMP
Win.	Rural Dramatic Sketch	AtoP
NY	Phil Harris Orchestra	EandC
NY	Paul Whiteman Orchestra	EandC
NY	Ozzie Nelson's Orchestra	ECMP
Win.	Rural Dramatic Sketch	AtoP
NY	Adventures in Health	EandC
NY	Paul Whiteman Orchestra	EandC
NY	Enoch Light Orchestra	ECMP

WEDNESDAY EVENING PROGRAMS

Origin	TITLE	Zones
Phil.	Westminster Choir	EandC
NY	Xavier Cugat's Orchestra	EandC
NY	Buck Rogers in 25th Century	EandC
Phil.	Westminster Choir	EandC
NY	Xavier Cugat's Orchestra	EandC
Chi.	Gene and Charlie	ECM
Chi.	Irene Beasley	EandC
Wash.	George R. Holmes, News	EandC
NY	Enoch Light's Orchestra	EandC
Ott.	Children's Corner	AandE
Chi.	Lowell Thomas; News	EandC
NY	Jan Pearce, Tenor	EandC
NY	Tito Guizar, Mexican Tenor	ECMP
Ott.	Children's Corner	AandE

Chi.	Amos 'n' Andy	EandC
NY	Mary Small, Juvenile Songs	EandC
NY	Myrt and Marge	EandC
Tor.	Chateau Laurier	AandE
NY	You and Your Government	ECMP
NY	Billy Batchelor	EandC
NY	Warwick Sisters	EandC
Tor.	Beautiful Lady	AandE
NY	You and Your Government	ECMP
NY	Arlene Jackson, Songs	EandC
Phil.	Silver Dust Serenaders	EandC
Hal.	Song Sketches	AandE
NY	Grace and Eddie Albert	EandC
Chi.	The Goldbergs	EandC
NY	Boake Carter, News	EandC
Hal.	Song Sketches	AandE

NY	Eno Crime Clues	EandC
NY	The Royal Gelatine Review	ECMP
NY	Happy Bakers	EandC
Cal.	The Serenaders	AECM
NY	Eno Crime Clues	EandC
NY	The Royal Gelatine Review	ECMP
NY	Edwin C. Hill, News	EandC
Cal.	The Serenaders	AECM
NY	Dangerous Paradise	EandC
NY	Lady Esther Serenade	EandC
NY	Albert Spalding, Violin	ECMP
Ott.	Joe De Courcy's Orchestra	AECM
NY	To Be Announced	EandC
NY	Lady Esther Serenade	EandC
NY	Albert Spalding, Violin	ECMP
Ott.	Joe De Courcy's Orchestra	AECM

Channel	Call	City	Power	Channel	Call	City	Power	Channel	Call	City	Power	
Eastern (23)				121	CHNC	New Carlisle	100	93	CFAC	Calgary	500	
93	CKPC	Brantford	100	93	CFCH	North Bay	100	103	CFCN	Calgary	10,000	
63	CFCY	Charlottetown	500	112	CKCG	St. Cathar's	100	78	CHWK	Chilliwack	100	
60	CFCO	Chatham	50	121	CFBO	St. John	500	73	CJCA	Edmonton	1,000	
150	CRCS	Chicoutimi	100	112	CHGS	Summerside	100	78	CKPR	Ft. William	100	
103	CFNB	Fredericton	100	88	CJCB	Sydney	50	131	CFJG	Kamloops	100	
105	CHNS	Halifax	500	103	CKNC	Toronto	100	121	CKOV	Kelowna	100	
120	CKTB	Hamilton	50	58	CKCL	Toronto	500	84	CJOC	Lethbridge	100	
101	CHML	Hamilton	500	96	CRCT	Toronto	5,000	54	CJRM	Moose Jaw	500	
121	CKCH	Hull, P. Q.	100	110	CRCV	Vancouver	1,000	121	CKBI	Prince Albert	(...)	
91	CRCM	Montreal	5,000	Western (17)				501	CHWC	Regina	500	
88	CRCO	Ottawa	1,000	145	CKX	Brandon	500	101	CKKC	Regina	500	
73	CHRC	Quebec	100	69	CJGJ	Calgary	500	123	CFQC	Saskatoon	500	
73	CFPL	London	100	500	63	CJGX	Yorkton	500	91	CKY	Winnipeg	5,000

This Shows You How



What was it the poet said about seeing ourselves as others see us; anyhow these pictures should be of interest to some of the first people of radio, for here they are pictured as seen through the eyes of Xavier Cugat, who just can't resist the temptation to set down his impressions of people, friends and otherwise, with whom he comes in contact. This Xavier person, as a matter of fact, is some shucks as a caricaturist, the only reason that he is not world famous as such,

Steady There, Claire



ANN LEAF is the diminutive Miss who does the pipe organing in one of New York's largest playhouses and over the Columbia network Saturday nights, with Brad Reynolds, tenor. Notice the resemblance between this picture and that of Miss Lang at the right



Xavier Cugat Visualizes:



evidently being that he is an even better musician. When Xavier strolled into the NBC press room one day with his little collection of ruminations in art, the news hawks swallowed both hook and sinker and lost no time in passing on to the radio fans his efforts, without waiting to see what Mr. Cantor, the Old Maestro, the Fire Chief, the Baron, and the others, thought or did not think of this form of art. As to Xavier, he is said to be torn between two loves—his bow and his pen.

Several pretty young women, staff members of Columbia, were energetically re-arranging the decorations of one of the studios, but lost their pep when it was necessary to climb a stepladder—all except Claire Willis.



LEFT Jack, Whiting, a musical comedy baritone and Right Jack, Denny, the dance band impresario. In the center is Miss Jeanie Lang, personality singer, and the three are teaming up on a Columbia program, "Marvelous Melodies," heard each Friday evening.



(Wielding the Baton is Andre Kostelanetz, of Columbia, a Genius for Unusual Arrangement of Popular Music)



(Frances Langford, Florida's Deep-Voiced Blues Singer Lanny Ross Seems Pleased With His Hollywood Home)



(Marjorie (Blond) Briggs, Dottie (Brunette) Hill and Betty (Auburn) Noyes of Ted Fio Rito's Old Gold Cast)



(Ginger Rogers, George Gershwin and Ethel Merman Henrietta Schumann, Youthful Russian Concert Pianist)



150 U. S. Local Channel
KREG-KDB
Santa Ana, (100) Santa Barbara
WMBQ-WCNW-WWRL
Brooklyn, Brooklyn, Woodside, 100
CRCS—Chicoutimi, Que. 100
KPJM—Prescott, Ariz. 100
KNOW—Austin, Texas 100
WKBB—East Dubuque, Ill. 100
KPQ—Wenatchee, Wash. 100

151 Canadian Channel
CFRC-CKCR
Kingston, Ont. (100) Kitchener

**WHITMAN'S
RAPID
STATION
FINDER**
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W. R. WHITMAN
Kirkland, Wash.
A complete listing of
all North American radio
stations by channels. Local
channel stations continued
on following page.

54 Canadian Channel
CJRM
Moose Jaw, Sask., 1000

55 U. S. Regional Chan.
KFDY-KFYR
Brookings, (1000) Bismarck
KOAC—Corvallis, 1,000
WGR—Buffalo, 1,000
WKRC—Cincinnati, 1,000
KFUO—(St. Louis, 500)—KSD
WDEV—Waterbury, Vt. 500

56 U. S. Regional Chan.
WIND—Gary, 1000
KLZ—Denver, 1000
WQAM—Miami, Fla. 1000
KWTO—Springfield, Mo. 1000
KWAB—Oakland, Calif. 1000
WNOX—Knoxville, Tenn. 1000
KFDM—Beaumont, Texas 500
WFI—(Philadelphia, 500)—WLIT
XEA0—Mexicali, Mex. 100

57 U. S. Regional Chan.
WMCA—New York, 500
KVI—Tacoma, 500
WNAX—Yankton, 1000
WWNC—Asheville, 1000
KMTR—Los Angeles, 500
WOSU-WKBM
Columbus, 1000; Youngstown, 500
KGKO—Wichita Falls, Tex. 250
WSYR—Syracuse, N. Y. 250
FQW—St. Pierre, Miq. Is. 250

58 U. S.-Canada Shared
WIBW-KSAC
Topeka, 1000; Manhattan, 500
WTAG—Worcester, Mass. 750
KMJ—Fresno, Calif. 500
CKUA—Edmonton, 500
WDBO—Orlando, Fla. 250
WCHS—Charleston, W. Va. 250
CKCL—Toronto, Ont. 1000

59 U. S. Regional Chan.
XEPN
Piedras Negras, Mexico, 50,000
CMW—Havana, 1400
KHQ—Spokane, 1,000
WEEI—Boston, 1,000
WKZO—K'lmaz, 1,000
WOW—Omaha, 1,000

60 U. S.-Canada Shared
KFSD
San Diego, Calif., 1000
HIX—Santa Domingo, 1000
WICC-WCAC
Bridgeport, Conn. (500) Storrs, Conn.
WEE—Hartford, Conn. 500
WEE—Hartford, Conn. 500
WEE—Hartford, Conn. 500
WEE—Hartford, Conn. 500

61 U. S. Regional Chan.
KFRC
San Francisco, 1000
WDAF—Kansas City, 1000
WIP—Philadelphia, 500
WJAY—Cleveland, 500
TIXA—San Jose, Costa Rica, 8

62 U. S. Regional Chan.
KGW
Portland, Ore., 1000
WFLA—Clearwater, 1000
WTMJ—Milwaukee, 1000
WLBZ—Bangor, Me., 500
KTAR—Phoenix, Ariz. 500
VP2NF—Nassau, Bahamas, ()

63 U. S.-Canada Shared
CJGX—Yorkton, 500
XEZ—Merida, 500
CMQ-CMCU
250—(Havana, Cuba), 150
CFCY—Charlottetown, PEI 500
KTRH—Houston, Texas 500
KFRU-WSCBF
Corvallis, Wash. 500; Seattle, Wash. 500
WFLA—Clearwater, 1000
WTMJ—Milwaukee, 1000
WLBZ—Bangor, Me., 500
KTAR—Phoenix, Ariz. 500
VP2NF—Nassau, Bahamas, ()

64 U. S. Cleared Channel
KFI
LOS ANGELES, 50,000
WOL—Ames, Iowa, 5000
WAIU—Columbus, Ohio, 500

65 U. S. Cleared Channel
WSM
NASHVILLE, 50,000
KPCB—Seattle, Wash., 100

66 U. S. Cleared Channel
WEAF
NEW YORK, 50,000
RDN—San Salvador, Salvador, 500
WAAW—Omaha, Nebraska, 500

67 U. S. Cleared Channel
WMAQ
CHICAGO, 5,000

68 U. S. Cleared Channel
KPO
SAN FRANCISCO, 50,000
WPTF—Raleigh, N. C., 5,000
KFEQ—St. Joseph, Mo., 2500
CMAE—Havana, Cuba, 500

69 Canadian Channel
CFRB
TORONTO, Ont., 10,000
XET—Monterrey, Mexico, 500
CJCL—Calgary, Alta., 100

70 U. S. Cleared Channel
WLW
CINCINNATI, 50,000
VOAC—St. Johns, Newf'd., 40
TIGP—San Jose, Costa Rica, 75

71 U. S. Cleared Channel
WOR
NEWARK, 50,000
XEN—Mexico City, Mex., 1,000
KMPC—Berkeley Hills, Cal., 500
TIFB—San Jose, Costa Rica, 30
VSI—Grand Turk, Bahamas, ()

72 U. S. Cleared Channel
WGN
CHICAGO, 50,000

73 Canadian Channel
CKAC
MONTREAL, 5000
CMK
HAVANA, Cuba, 3150
CJCA—Edmonton, 1000
CFPL—London, Ont., 100

74 U. S. Cleared Channel
WSB
ATLANTA, 50,000
XER—Villa Acuna, Mex., 150,000
KMMJ—Clay Center, Neb., 1,000
WHEB—Portsmouth, N. H., 250
KTRB—Modesto, Calif., 250

75 U. S. Cleared Channel
WJR
DETROIT, 10,000
KGU—Honolulu, Hawaii, 2,500

76 U. S. Cleared Channel
WJZ
NEW YORK, 50,000
XEYZ—Mexico City, 10,000
XEOK—Tijuana, Mex., 2,500
WEW—St. Louis, 1,000
KXA—Seattle, Wash., 250

77 U. S. Cleared Channel
WBBM-KFAB
Chicago—25,000—Lincoln

78 U. S.-Canada Shared
CMCQ
Havana, 1000
WEAN—Providence, R. I., 500
CMBS—Havana, Cuba, 150
CHWK—Chilliwack, B. C., 100
CKPR—Fort William, Ont., 50
WPR—Hartford, Conn. 500
WPR—Hartford, Conn. 500
WPR—Hartford, Conn. 500
WPR—Hartford, Conn. 500

79 U. S. Cleared Channel
WGY-KGO
SCHENECTADY, 50,000 and
SAN FRANCISCO, 7,500
XET—Monterrey, Mexico, 500
CJCL—Calgary, Alta., 100

80 U. S. Cleared Channel
WBAP-WFAA
Fort Worth—50,000—Dallas
VOAC—St. Johns, Newf'd., 40
TIGP—San Jose, Costa Rica, 75

81 U. S. Cleared Channel
WCCO
MINNEAPOLIS, 50,000
WNYC—New York, N. Y., 500
VOAS—St. Johns, Newf'd., 100

82 U. S. Cleared Channel
WHAS
LOUISVILLE, 50,000
CMGC—Matanzas, Cuba, 30

83 U. S. Cleared Channel
KOA
DENVER, 50,000
WRUF—Gainesville, Fla., 5000
WEE—Hartford, Conn. 500
WEE—Hartford, Conn. 500
WEE—Hartford, Conn. 500
WEE—Hartford, Conn. 500

84 Canadian Channel
CKLW
Windsor, Ont., 5000
CMC—Havana, Cuba, 500
CJOC—Lethbridge, Alta., 100

85 U. S. Cleared Channel
KWKH-WWL
Shreveport—10,000—New Orleans
KIEV—Glendale, Cal., 100

86 U. S. Cleared Channel
WABC
NEW YORK, 50,000
WHB—Kansas City, 500
XETH—Puebla, Mexico, 100
TIVL—San Jose, Costa Rica, 30

87 U. S. Cleared Channel
WLS-WEKR
CHICAGO, 50,000

88 U. S.-Canada Shared
CRCO—Ottawa, Ont., 1000
KLX—Oakland, 1000
WCOC—Meridian, Miss., 500
WSUI—Iowa City, Iowa, 500
WCBI-WQAN
500—(Cincinnati, Ohio), 250
WCBI-WQAN
500—(Cincinnati, Ohio), 250
WCBI-WQAN
500—(Cincinnati, Ohio), 250
WCBI-WQAN
500—(Cincinnati, Ohio), 250

89 U. S.-Canada Shared
WJAR
Providence, R. I., 500
KFNF-KUSD-WILL
Shen'doah, Vermillion, Urb'n, 500
KARK—Little Rock, Ark., 250
WMNN—Fairmont, W. Va., 250
WGST—Atlanta, Ga., 250
XETU—Pachuca, Mexico, 100
CMCF—(250, Havana, 1000)—CMX

90 U. S. Regional Chan.
KHJ
Los Angeles, 1000
WBEN—Buffalo, 1000
WJAX—Jacksonville, 1000
WKY—Oklahoma City, 1000
WBL—Stevens Pt., Wisc., 2500
VOWR—St. Johns, Newf'd., 500
KGBU—Ketchikan, Alaska, 500
KSEI—Pocatello, Idaho, 250

91 Canadian Channel
CRCM
Montreal, 5000
CKY—Winnipeg, 5,000
XEW—Mexico C., 5,000
TICR—San Jose, Costa Rica, 75

92 U. S.-Canada Shared
WWJ—Detroit, 1000
KPRC—Houston, 1000
KOMO—Seattle, 1000
HHK—Port au Prince, Haiti, 1000
WBSO—Needham, Mass., 500
WAAF—Chicago, 500
KFXF—(Denver, 500)—KFEL
WRAX—(Phil'd'phia, 250)—WPEN

93 U. S.-Canada Shared
KMA-KGBZ
Shenandoah, Ia., (500) York, Pa.
KROW—Oakland, Calif., 500
WDBJ—Roanoke, Virginia, 500
WBRC—Birmingham, Ala., 500
CMJF—Camaguey, Cuba, 200
CMBW—Havana, Cuba, 150
CMH—Santa Clara, Cuba, 30

94 U. S. Regional Chan.
XEFO-XFO
Mexico City, 5000
WHA—Madison, Wis., 1000
WAVE—Louisville, Ky., 1000
WDAY—Fargo, N. D., 1000
WCSH—Portland, Me., 1000
KOIN—Portland, Ore., 1000
WAAT—Jersey City, N. J., 500

95 U. S.-Canada Shared
KGHL—Billings, Mont., 1000
KMBC—Kansas City, 1000
KFWB—Hollywood, 1000
WRC—Washington, D. C., 500
CMHD—Caibarien, Cuba, 250
TIANRH—Heredia, Costa Rica, 75
VOGY—St. Johns, Newf'd., 75

96 Canadian Channel
CRCT
Toronto, 5000
CMJL—Camaguey, Cuba, 50

97 U. S. Cleared Channel
KJR
SEATTLE, 5,000
XEAW—Reynosa, Mex., 10,000
WCFL—Chicago, 5000
WBG—Glenside, Pa., 100
CMCW—(Havana, 150)—CMBD

98 U. S. Cleared Channel
KDKA
PITTSBURGH, 50,000
WCB—Zion, Ill., (5000)—Chicago
XEF—Mexico City, 250

99 U. S. Cleared Channel
WBZ-WBZA
BOSTON, 50,000
WJEM—Tupelo, Miss., 500
XEAE-XE-XE
Tijuana 500, Mex., N. Laredo, 100
CMJF—Matanzas, Cuba, 100

100 U. S. Cleared Channel
WOC-WHO
DES MOINES, 50,000
WORK—York, Pa., 1,000
KFVD—Los Angeles, 250

101 U. S.-Canada Shared
KQW
San Jose, Calif., 500
CKWX—(Vancouver, 100)—CKCD
WHN—New York, N. Y., 250
XEJ—Cuidad Juarez, Mexico, 250
KQCF-WHAD
San Jose, Calif., 500
CHWC-CKCK
San Jose, Calif., 500
KQCF-WHAD
San Jose, Calif., 500
CHWC-CKCK
San Jose, Calif., 500

102 U. S. Cleared Channel
KYW
PHILADELPHIA, 10,000
XES—Tampico, Mexico, 250

103 Canadian Channel
CFCN
Calgary, 10,000
XEB
Mexico City, 10,000
CFNB—Fredericton, N. B., 500
CKMC—Santiago de Cuba, 150
CKNC—Toronto, Ont., 250
CMHI—Santa Clara, Cuba, 30

104 U. S. Cleared Channel
KTHS-KRLD
Hot Springs, 10,000—Dallas
WESG—Elmira, N. Y., 1000
WKAR—E. Lansing, Mich., 1000
CMGH—Matanzas, Cuba, 15

105 U. S. Cleared Channel
KNX
LOS ANGELES, 50,000
KFBI—Abilene, Kansas, 5000
WIS—Columbia, S. C., 5000
KFBI—Abilene, Kansas, 5000
WIS—Columbia, S. C., 5000
KFBI—Abilene, Kansas, 5000
WIS—Columbia, S. C., 5000

106 U. S. Cleared Channel
WBAL-WTIC
BALTIMORE, 10,000 and
HARTFORD, 50,000
WJAG—Norfolk, Nebr., 1,000
KWJJ—Portland, Ore., 500

107 U. S. Cleared Channel
WTAM
CLEVELAND, 50,000
CMBG—(Havana, 225)—CMCB
KJBS—San Francisco, 100
WJZ—Tuscola, Ill., 1000
WCAZ—Carthage, Ill., 100

108 U. S. Cleared Channel
WBT
CHARLOTTE, N. C., 50,000
WCB—Zion, Ill., (5000)—Chicago
XEF—Mexico City, 250

109 U. S. Cleared Channel
KMOX
ST. LOUIS, 50,000
XEAI—Mexico City, Mex., 100
VOKW—St. Johns, Newf'd., 30

110 U. S. Cleared Channel
WLWL-WPG
New York—5,000—Atlantic City
CRCV—Vancouver, B. C., 1000
KGDW—Stockton, Cal., 250
XEWV—Veracruz, Mexico, 250

111 U. S. Cleared Channel
WRVA
RICHMOND, 5000
CMJD—Ciego de Avila, Cuba, 15
XENT—N. Laredo, Mex., 150,000
KS00—Sioux Falls, S. D., 2,500

112 U. S.-Canada Shared
CKOC
Hamilton, Ont., 500
WTAW—College Sta., Texas, 500
WDEL—Wilmington, Del., 250
KFSC-KRKO
San Jose, Calif., 500
WISN-WHAD
San Jose, Calif., 500
KFSC-KRKO
San Jose, Calif., 500
WISN-WHAD
San Jose, Calif., 500

113 U. S. Cleared Channel
KSL
SALT LAKE CITY, 50,000
WJJD—Mooseheart, Ill., 20,000
WVO—New York, 1,000
XEH—Monterrey, Mex., 250
CMHJ—Cienfuegos, Cuba, 40

114 U. S. Cleared Channel
WAPI-KV00
Birmingham, 5,000; Tulsa, 25,000
CMBW—Havana, Cuba, 600
CMCD—Havana, Cuba, 250

115 U. S. Cleared Channel
WHAM
ROCHESTER, 50,000
XED—Guadalajara, Mexico, 500
CMJH—Ciego de Avila, Cuba, 30

116 U. S. Cleared Channel
WWVA-WOVO
WHEELING, 5,000 and
FORT WAYNE, 10,000
WJAG—Norfolk, Nebr., 1,000
KWJJ—Portland, Ore., 500

117 U. S. Cleared Channel
WCAU
PHILADELPHIA, 50,000
CMJE—Camaguey, Cuba, 50

118 U. S. Cleared Channel
KEX-KOB
Portl'nd, 5000; Alb'g, 10,000
WDGY—Minneapolis, 1000
WINS—New York, 500
WMAZ—Macon, Ga., 500
TIRC—San Jose, Costa Rica, 30

119 U. S. Cleared Channel
WOAI
SAN ANTONIO, 50,000
WSAZ—Hunt'gton, W. Va., 1,000
WATR—Waterbury, Conn., 100
CMCJ—(400, Havana, 50)—CMBN
HJ—Santo Domingo, D. R., 15

120 U. S. Local Channel
WBHS-WFBC
Huntsville, (100) Greenville, S. C.
WJBC-WJBL
La Salle, Ill., (100) Decatur, Ill.
WWAE-WFAM
Hammond, Ind., (100) So. Bend
WKBO-WKJC
Harrisburg, (100) Lancaster
WBBX—(N. Orleans, 100)—WJBW

121 U. S. Local Channel
WCRW-WEDC-WBSC
Chicago, 100
KFVS-WEBQ
Cape Girardeau, (100)—Harrisburg
WBAX-WKOK
Wilkes Barre, (100)—Sunbury
WCBS—(Springfield, 100)—WTAX
KFXM-KPPC
San Bernardino, 100; Pasadena, 50

122 U. S. Regional Chan.
WREN-KFKU
1000—(Lawrence), 500
WDAE—Tampa, Fla., 1000
WCAE—Pittsburgh, 1000
KWSC-KTW
Pullman, Wash., (1000)—Seattle
WCAD—Canton, N. Y., 500

123 U. S. Regional Chan.
KYA
San Francisco, 1000
WNAC—Boston, 1000
WFBM-WBSB
Indianapolis, 1000; So. Bend, 500
CFQC—Saskatoon, Sask., 500
CMHK-CMCA-CMBY
Crucis, 15 and Havana, 150, 350
KGGM—Albuquerque, N. M., 250

124 U. S. Regional Chan.
KTAT—Fort Worth, 1000
WXYZ—Detroit, 1000
WKAQ—San Juan, P.R., 1000
KTFI—Twin Falls, Idaho, 500
KLPM—Minot, N. D., 250
KGUU—Mandan, N. D., 250
CMJN—Camaguey, Cuba, 50

125 U. S. Regional Chan.
WNEW-WGCP
Newark, 1000
KFOX—Long Beach, 1,000
WDSU—New Orleans, 1000
WLB-WRHM-WCAL
Minneapolis, (1000)—North Id
XEFA—Tacuba, Mexico, 500
CMAB—Pinar del Rio, 20

126 U. S. Regional Chan.
KVOA—Tucson, 500
WLBW—Erie, 500
KUOA—Fayetteville, 1000
KOIL—Council Bluffs, 1000
WTOG—Savannah, Ga., 500
KWVG—Brownsville, Texas, 500
KRGV—Harlingen, Texas, 500
WNBX—Springfield, Vt., 250
XEFI—Chihuahua, Mex., 250

127 U. S. Cleared Channel
KOL
Seattle, 1000
WOOD—(Gr. Rapids, 500)—WASH
KWLC—(Dec'rah, Ia., 100)—KGCA
CMBC—(Havana, 150)—CMCP
KVOR—Colorado Springs, 1000
WJDX—Jackson, Miss., 1000
WFB—Baltimore, Md., 500

128 U. S. Regional Chan.
WDOD
Chattanooga, 1000
KFB—Great Falls, 1000
WBR—Dallas, Texas, 500
WIBA—Madison, Wisc., 500
WCMC-WCAP-WTNJ
Camden, Asbury Park, Trenton, 500
WDR—Worcester, Mass., 500
XEFV—Tampico, Mexico, 70

129 U. S. Regional Chan.
KDYL
Salt Lake, 1000
WJAS—Pittsburgh, 1000
WBC—Superior, 1000
KTSA—San Antonio, 1000
XFB—Jalapa, Mexico, 1000
WNE—San Juan, P. R., 500
KJRC—Middlechurch, Man., 100

130 U. S. Regional Chan.
WOQ-KFH
Kansas City, (1000)—Wichita
WIOD—Miami, Fla., 1000
KFAC—Los Angeles, 1000
KFJR—(Portland, 500)—KALE
WBBR-WFAB-WED-WHAZ
New York, 1000, 1000, 500 Troy 500
CMKJ—Guantanamo, Cuba, 20
HIZ—Santo Domingo, D. R., 10

131 U. S. Local Channel
WJAC-WFBG
Johnstown, (100)—Altoona
WRAW-WGAL
Reading, Pa., (100)—Lancaster
WTRC-WLBC
Elkhart, 50; Muncie, Ind., 100
KTSM—(El Paso, 100)—WDAH
WHAT—(Phil'd'phia, 100)—WTEL

132 U. S. Cleared Channel
WADC
Akron, Ohio, 1000
WSMB—New Orleans, La., 500
CMCY—Havana, Cuba, 500
KMGB—Honolulu, 250
KGHF—Pueblo, Colo., 250
KID—Idaho Falls, Ida., 250
TGW—Guatemala, Guat., 250

133 U. S. Regional Chan.
KSCJ-WTAQ
Sioux City, (1000)—Eau Claire
WDR—Hartford, 1000
WSAI—Cincinnati, 1000
KGB—San Diego, 1000
TITR—San Jose, Costa Rica, 75
KMO—Tacoma, Wash., 250

134 U. S. Regional Chan.
KFPY
Spokane, 1000
WSPD—Toledo, 1,000
WCOA—Pensacola, Fla., 500
KGDY

CFAC	Calgary, Alta. (100)	The Calgary Herald	93
CFBO	St. John, N. B. (100)	C. A. Munro, Ltd.	121
CFCH	Montreal, Que. (500)	Canadian Marconi Co.	60
CFCH	North Bay, Ont. (100)	Northern Supplies, Ltd.	93
CFCH	Calgary, Alta. (10,000)	W. W. Grant & H. G. Love	103
CFCH	Chatham, Ont. (50)	John Beardsall	60
CFCT	Victoria, B. C. (550)	Victoria Broadcasting Assn.	145
CFCH	Charlottetown, PEI (500)	Island Radio Bldg. Co.	63
CFJC	Kamloops, B. C. (100)	Review Publishing Co., Ltd.	131
CFJC	Prescott, Ont. (100)	Radio Asso. of Prescott	93
CFNB	Fredericton, N. B. (500)	James S. Neill & Sons, Ltd.	103
CFPL	London, Ont. (100)	London Free Press	73
CFQC	Saskatoon, Sask. (500)	The Electric Shop, Ltd.	123
CFRB	Toronto, Ont. (10,000)	Rogers-Majestic Corp., Ltd.	69
CFRC	Kingston, Ont. (100)	Queen's University	151
CFTP	Edmonton, Alta. (100)	Taylor & Pearson, Ltd.	112
CHAB	Moose Jaw, Sask. (100)	Moose Jaw Radio Asso.	120
CHCK	Charlottetown, PEI (50)	W. E. Burke and J. A. Gesner	131
CHCS	Summerside, PEI (50)	R. T. Holman, Ltd.	112
CHLP	Montreal, Que. (100)	La Patrie Pub. Co., Ltd.	112
CHML	Hamilton, Ont. (50)	Maple Leaf Radio Co., Ltd.	101
CHNC	New Carlisle, Que. (100)	Dr. Charles Houde	121
CHNS	Halifax, N. S. (500)	Maritime Broadcasting Co.	105
CHPR	St. John, N. B. (100)	H. P. Robinson	137
CHRC	Quebec, Que. (100)	CHRC, Limited	93
CHWC	Regina, Sask. (500)	R. H. Williams & Sons, Ltd.	101
CHWK	Chilliwack, B. C. (100)	Chilliwack, B. C.	78
CJAT	Trail, B. C. (50)	Trail Amateur Radio Ass'n	120
CJCA	Edmonton, Alta. (1000)	The Edmonton Journal, Ltd.	73
CJCB	Sydney, N. S. (50)	N. Nathanson	88
CJCG	Calgary, Alta. (100)	The Alberta Pub. Co., Ltd.	69
CJCS	Sudbury, Ont. (500)	Geo. McLeod Coates	78
CJGX	Yorkton, Sask. (500)	The Winnipeg Grain Ex.	63
CJKL	Kirkland Lake, Ont. (100)	O. J. Thorpe & Branchaud	131
CJLS	Yarmouth, N. S. (100)	Laurie & Smith	131
CJOC	Lethbridge, Alta. (100)	Harold R. Carson	84
CJOR	Vancouver, B. C. (500)	G. C. Chandler	60
CJRC	Middlesex, Man. (100)	Jas. Richardson & Sons	139
CJRM	Moose Jaw, Sask. (1000)	C. Richardson & Sons Ltd.	54
CKAC	Montreal, Que. (5000)	La Presse Pub. Co., Ltd.	73
CKBI	Prince Albert, Sask. (100)	Prince Albert Radio Club	121
CKCD	Vancouver, B. C. (100)	Vancouver Daily Province	101
CKCH	Hull, Que. (100)	Dr. J. L. Chabot	121
CKCK	Regina, Sask. (500)	Leader-Post, Limited	101
CKCL	Toronto, Ont. (100)	The Dominion Battery Co.	58
CKCO	Ottawa, Ont. (100)	Dr. G. M. Geldert	101
CKCR	Kitchener, Ont. (100)	Mitchell and Liddle	151
CKCV	Quebec, Que. (50)	Vandry, Inc.	131
CKFC	Vancouver, B. C. (50)	United Church of Canada	141
CKGB	Timmons, Ont. (100)	R. H. Thompson	142
CKIC	Wolfville, N. S. (50)	Acadia University	101
CKLW	Windsor, Ont. (5000)	Western Ontario Bldg. Co.	84
CKMC	Cobalt, Ont. (50)	R. L. MacAdam	121
CKMO	Vancouver, B. C. (100)	Sprott-Shaw Radio Co.	141

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CALL (City, Owner, Power) CHANNEL

CKNC	Toronto, Ont. (100)	Canadian Natl. Carbon Co.	103
CKOC	Hamilton, Ont. (500)	Wentworth Bldg. Co. Ltd.	112
CKOV	Kelowna, B. C. (50)	J. W. B. Browne	121
CKPC	Brantford, Ont. (100)	Cyrus Dolph	93
CKPR	Fort William, Ont. (50)	Dougall Motor Car Co. Ltd.	78
CKTB	St. Catharines, Ont. (100)	E. T. Sandell	120
CKUA	Edmonton, Alta. (500)	University of Alberta	58
CKWX	Vancouver, B. C. (100)	Western Broadcasting Co.	101
CKX	Brandon, Man. (500)	Manitoba Telephone System	145
CKY	Winnipeg, Man. (5000)	Manitoba Tel. System	91
CMAB	Pinar del Rio, Cuba (20)	Jose Silveira	125
CMAC	Havana, Cuba (1000)	Int. Broadcasting Co.	68
CMBC	Havana, Cuba (150)	Domingo Fernandez Cruz	127
CMBD	Havana, Cuba (250)	Luis Perez Garcia	97
CMBC	Havana, Cuba (225)	John L. Stowers	107
CMBJ	Havana, Cuba (150)	Emilio Perera	114
CMBK	Havana, Cuba (15)	Alberto Alvarez	148
CMBL	Havana, Cuba (200)	Julio C. Hidalgo	145
CMBN	Havana, Cuba (150)	G. de Sequeira	119
CMBR	Havana, Cuba (40)	Tomas Basail	149
CMBS	Havana, Cuba (200)	Enrique Artalejo	78
CMBW	Havana, Cuba (600)	Alvarez-Moris	150
CMBY	Havana, Cuba (250)	Calles-Estefani	123
CMCZ	Havana, Cuba (150)	Manuel y Guillermo Salas	101
CMC	Havana, Cuba (500)	Radio Corp. of Cuba	84
CMCA	Havana, Cuba (150)	Manuel Cruz	123
CMCB	Havana, Cuba (150)	Antonio Capablanca	107
CMCD	Havana, Cuba (250)	Angel Bertemati	114
CMCF	Havana, Cuba (250)	Raoul Karman	89
CMCH	Havana, Cuba (50)	Wilfredo Fontanals	141
CMCJ	Havana, Cuba (400)	Rafael Rodriguez	119
CMCM	Havana, Cuba (15)	Aurelio Balino	141
CMCN	Havana, Cuba (250)	Antonio Ginar	138
CMCP	Havana, Cuba (150)	Jose A. Yaniz	127
CMCQ	Havana, Cuba (1000)	Andres Martinez	78
CMCR	Havana, Cuba (150)	Aurelio Hernandez	138
CMCU	Havana, Cuba (500)	Jorge Garcia Serra	63
CMCW	Havana, Cuba (150)	Vilarino y Cervantes	97
CMCY	Havana, Cuba (500)	M. D. Autran	132
CMDE	Havana, Cuba (150)	Radio Aerial, Ad.	93
CMGA	Colum, Leopoldo V. Figueroa	(100)	83
CMGB	Matanzas, Cuba (30)	Jose Anorga	121
CMGC	Matanzas, Cuba (30)	Oscar S. Mechoso	82
CMGE	Cardenas, Cuba (30)	Genaro Sabater	138
CMGF	Matanzas, Cuba (100)	Bernabe R. de la Torre	99
CMGH	Matanzas, Cuba (15)	Octavio J. Alvarez	104
CMHD	Caibarien, Cuba (250)	Manuel Alvarez	95
CMHI	Santa Clara, Cuba (250)	Lavir y Paz	103
CMHJ	Cienfuegos, Cuba (60)	Victorino Lopez	113

CALL (City, Owner, Power) CHANNEL

CMHK	Cruces, Cuba (50)	Virgilio Vilan. Fernandez	123
CMHL	Cienfuegos, Cuba (20)	Oscar Zayas	129
CMHW	Cienfuegos, Cuba (100)	San Carlos No. 106	120
CMJC	Camaguey, Cuba (150)	Felix Sanchez	138
CMJE	Camaguey, Cuba (50)	Manuel Fernandez	118
CMJF	Camaguey, Cuba (200)	John L. Stowers	93
CMJG	Camaguey, Cuba (50)	Jose Antonio Lefran	105
CMJH	Ciego de Avila, Cuba (50)	Luis Marauri Mendosa	115
CMJI	Ciego de Avila, Cuba (45)	Gilberto Gesso Lopez	134
CMJL	Camaguey, Cuba (50)	Enrique Artime	96
CMJN	Camaguey, Cuba (50)	Ernesto de Ugarriza	124
CMJO	Ciego de Avila, Cuba (15)	Jose M. Rey	110
CMJP	Moron, Cuba (75)	Oscar Canals	136
CMK	Havana, Cuba (5000)	Natl. Bldg. Co. of Cuba	73
CMKC	Santiago, Cuba (150)	Pinol, Battle y Compania	103
CMKJ	Guantanamo, Cuba (20)	Luis Morlete	130
CMQ	Havana, Cuba (500)	Miguel Gabriel	63
CMW	Havana, Cuba (1400)	Troncoso-Gil	59
CMX	Havana, Cuba (1000)	Casa "Lavin"	89
CRCM	Montreal, Que. (5000)	Canadian Radio Bldg. Com.	91
CRCO	Ottawa, Ont. (1000)	Canadian Radio Bldg. Com.	88
CRCG	Chicoutimi, Que. (100)	Canadian Radio Bldg. Com.	150
CRCT	Toronto, Ont. (5000)	Canadian Radio Bldg. Com.	96
CRCV	Vancouver, B. C. (1000)	Canadian Radio Bldg. Com.	110
FQN	S. Pierre, Miq. Is. (250)		57
HHK	Pt. Prince, Haiti (1000)	Garde d'Haiti	92
HIJ	San Domingo, D.R. (15)	F. A. Baez	119
HIL	San Domingo, D.R. (25)	J. C. Teixido	88
HIT	San Domingo, D.R. (10)	F. A. Sanabia	105
HIX	San Domingo (1000)	Government	60
HIZ	San Domingo, D.R. (10)	Frank Hutton	130
HRB	Tegucigalpa, Hon. (2300)	Topical Radio Telegraph Co.	137
JRL	San Pedro Sula, Hond. (8)	Jose Lopez	135
KABC	San Antonio, Texas (100)	Alamo Broadcasting Co. Inc.	142
KALE	Portland, Ore. (500)	KALE, Inc.	130
KARK	Little Rock, Ark. (250)	Arkansas Radio and Equip.	89
KASA	Eik City, Okla. (100)	E. M. Woody	121
KBPS	Portland, Ore. (100)	Benson Polytechnic School	142
KBTM	Jonesboro, Ark. (100)	W. J. Beards Temple of Mus.	120
KCMC	Texarkana, Ark. (100)	N. Miss. Broadcasting Corp.	142
KCRC	Enid, Okla. (100)	Enid Radiophone Co.	137
KCRJ	Jerome, Ariz. (100)	Charles C. Robinson	131
KDB	Santa Barbara, Cal. (100)	Santa Barbara Bldg., Ltd.	150
KDFN	Casper, Wyo. (500)	Donald Lewis Hathaway	144
KDKA	Pittsburgh, Pa. (50,000)	Westinghouse Electric	98
KDLR	Devils Lake, N.D. (100)	KDLR, Inc.	121
KDYL	Salt Lake, Utah (1000)	Intermountain Bldg. Corp.	129
KECA	Los Angeles, Cal. (1000)	Earl C. Anthony, Inc.	143
KELW	Burbank, Calif. (500)	Magnolia Park, Ltd.	78

CALL (City, Owner, Power) CHANNEL

KERN	Bakersfield, Calif. (100)	Bee Bakersfield Bldg. Co.	137
KEX	Portland, Ore. (5000)	The Oregonian Pub. Co.	118
KFAB	Lincoln, Neb. (25,000)	KFAB Broadcasting Co.	77
KFAC	Los Angeles, Cal. (1000)	Los Angeles Bldg. Co.	130
KFBB	Great Falls, Mont. (1000)	Buttery Broadcast, Inc.	128
KFBI	Abilene, Kansas (5000)	Farmers & Bankers Life Ins.	105
KFBK	Sacramento, Calif. (100)	James McClatchy Co.	131
KFBL	Everett, Wash. (50)	Leese Bros.	137
KFDM	Beaumont, Texas (500)	Sabine Bldg. Co. Inc.	56
KFDY	Brookings, S. D. (1000)	South Dakota State Col.	55
KFEL	Denver, Colo. (500)	Eugene P. O'Fallon, Inc.	92
KFEQ	St. Joseph, Mo. (2500)	Scroggin & Co. Bank	68
KFGQ	Boone, Iowa (100)	Boone Biblical College	131
KFH	Witchita, Kan. (1000)	Radio Station KFH Co.	130
KFI	Los Angeles (50,000)	Earl C. Anthony, Inc.	64
KFIO	Spokane, Wash. (100)	Central Nebraska Bldg. Co.	112
KFIZ	Fon du Lac, Wis. (100)	The Reporter Printing Co.	142
KFJB	Marshalltown, Iowa (100)	Marshall Electric Co., Inc.	120
KFJI	Klamath Falls, Ore. (100)	KFJI Broadcasters, Inc.	121
KFJM	Grand Forks, N.D. (100)	University of North Dakota	137
KFJR	Portland, Ore. (500)	A. C. Dixon-KFJR Inc.	130
KFJZ	Fort Worth, Texas (100)	Fort Worth Bldg. Co.	137
KFKA	Greeley, Colo. (500)	Mid-Western Radio Corp.	88
KFKU	Lawrence, Kan. (500)	University of Kansas	122
KFNF	Shenandoah, Iowa (500)	Henry Field Co.	89
KFOR	Lincoln, Neb. (100)	Cornell Broadcasting Corp.	121
KFOX	Long Beach, Calif. (1000)	Nichols & Warner, Inc.	125
KFPL	Dublin, Texas (100)	C. C. Baxter	131
KFPM	Greenville, Texas (15)	The New Furniture Co.	131
KFPW	Fort Smith, Ark. (100)	Southwestern Hotel Co.	121
KFPY	Spokane, Wash. (1000)	Symons Broadcasting Co.	134
KFQD	Anchorage, Alaska (250)	Anchorage Radio Club Inc.	60
KFRG	San Francisco (1000)	Don Lee Broadcasting Syst.	61
KFRU	Columbia, Mo. (500)	KFRU, Incorporated	63
KFSD	San Diego, Cal. (1000)	African Radio Corp., Ltd.	60
KFSG	Los Angeles, Cal. (500)	Echo Park Evang. Asso.	112
KFUO	St. Louis, Mo. (500)	Missouri Seminary	55
KFVD	Los Angeles, Calif. (250)	Los Angeles Bldg. Co.	100
KFVS	Cape Girardeau, Mo. (100)	Hirsch Radio and Battery	121
KFWB	Hollywood, Calif. (1000)	Warner Bros. Bldg. Co.	95
KFXD	Nampa, Idaho (100)	Frank E. Hurt	120
KFXF	Denver, Colo. (500)	Colorado Radio Corp.	92
KFXJ	Gr. Junction, Colo. (100)	Western Slope Bldg. Co.	120
KFXM	San Bernardino, Cal. (100)	J. C. and E. W. Lee	121
KFXR	Oklahoma City (100)	Exch. Ave. Baptist Church	131
KFYD	Lubbock, Texas (100)	Kirksey Bros.	131
KFYR	Bismarck, N. D. (1000)	Meyer Broadcasting Co.	55
KGA	Spokane, Wash. (5000)	Louis Wasmer (Lessee)	147
KGAR	Tucson, Ariz. (100)	Gusson Motor Service Co.	137
KGB	San Diego, Calif. (1000)	Don Lee Bldg. System	133
KGBU	Ketchikan, Alaska (500)	Alaska Radio & Service Co.	90
KGBX	Springfield, Mo. (100)	KBX, Inc.	131
KGBZ	York, Neb. (500)	KGBZ Broadcasting Co.	93
KGCA	Decorah, Iowa (100)	Chas. W. Greenley	127

CALL (City, Owner, Power) CHANNEL

KCCR	Watertown, S. D. (100)	Bee Kampeska Radio Corp.	121
KCCU	Mandan, N. D. (250)	Mandan Radio Assn.	124
KCCX	Wolf Point, Mont. (100)	E. E. Krebsbach	131
KCDE	Fergus Falls, Minn. (100)	Charles L. Jaren	120
KCDM	Stockton, Calif. (250)	E. F. Peffer	110
KCDY	Huron, S. D. (250)	Voice of So. Dakota	134
KCEK	Yuma, Colo. (100)	Elmer G. Beehler	120
KGER	Long Beach, Cal. (1000)	Cons. Bldg. Corp., Ltd.	136
KGEZ	Kalispell, Mont. (100)	Donald C. Treloar	131
KGFF	Shawnee, Okla. (100)	KGFF Broadcasting Co.	142
KGFG	Oklahoma City (100)	Oklahoma Bldg. Co. Inc.	137
KGFI	Corpus Christi, Tex. (100)	Eagle Broadcasting Co., Inc.	150
KGFJ	Los Angeles, Cal. (100)	Ben S. McGlashan	120
KGFK	Duluth, Minn. (100)	Red River Bldg. Co., Inc.	150
KGFL	Roswell, N. M. (100)	KGFL, Inc.	137
KGFW	Kearney, Neb. (100)	Central Nebraska Bldg. Co.	131
KGFX	Pierre, S. D. (200)	Dana McNeil	63
KGGC	San Francisco (100)	Golden Gate Bldg. Co.	142
KGGF	Coffeyville, Kan. (500)	Powell & Platz	101
KGGM	Albuquerque, N.M. (250)	New Mexico Bldg. Co.	123
KGHF	Pueblo, Colo. (250)	Curtis P. Ritchie	132
KGHI	Little Rock, Ark. (100)	Lloyd Judd Company	120
KGHL	Billings, Mont. (1000)	Northwest Auto Sup. Co.	95
KGIR	Butte, Mont. (500)	KGIR, Inc.	136
KGIW	Alamosa, Colo. (100)	Leonard E. Wilson	142
KGIX	Las Vegas, Nev. (100)	J. M. Heaton	142
KGKB	Tyler, Texas (100)	East Tex. Broadcasting Co.	150
KGKL	San Angelo, Texas (100)	KGKL, Inc.	137
KGKO	Wichita Falls, Tex. (250)	Wichita Falls Bldg. Co.	57
KGKY	Scottsbluff, Neb. (100)	Hillard Co., Inc.	150
KGMB	Honolulu, T. H. (250)	Honolulu Bldg. Co., Ltd.	132
KGNF	North Platte, Neb. (500)	Great Plains Bldg. Co.	143
KGNO	Dodge City, Kan. (250)	Dodge City Bldg. Co., Inc.	134
KGO	San Francisco (7500)	National Bldg. Co., Inc.	79
KGRS	Amarillo, Texas (1000)	Gish Radio Service	141
KGU	Honolulu, T. H. (2500)	Honolulu Mulroney Pub. Co.	75
KGVO	Missoula, Mont. (100)	Mosby's, Incorporated	120
KGW	Portland, Ore. (1000)	Oregonian Publishing Co.	62
KGY	Olympia, Wash. (100)	KGy, Incorporated	121
KHJ	Los Angeles, Cal. (1000)	Don Lee Broadcasting Syst.	90
KHQ	Spokane, Wash. (1000)	Louis Wasmer, Inc.	59
KICA	Clovis, N. M. (100)	Southwest Bldg. Co.	137
KICK	Carter Lake, Iowa (100)	Red Oak Radio Corp.	142
KID	Idaho Falls, Ida. (250)	KID Broadcasting Co.	132
KIDO	Boise, Idaho (1000)	Boise Broadcast Station	135
KIDW	Lamar, Colo. (100)	Lamar Broadcasting Co.	142
KIEM	Eureka, Cal. (100)	Harold Hanseth	121
KIEV	Glendale, Cal. (100)	Cannon System, Ltd.	85
KIFH	Juneau, Alaska (100)	Juneau Broadcasting Co.	131
KIT	Yakima, Wash. (100)	Carl E. Haymond	131
KJBS	San Francisco, Cal. (100)	Julius Brunton & Sons Co.	107
KJR	Seattle, Wash. (5000)	Fishers Blend Station, Inc.	97
KLCN	Blytheville, Ark. (100)	Charles Leo Lintzsch	129
KLO	Ogden, Utah (500)	Interstate Bldg. Corp.	140

APRIL — Radio Log and Lore — PAGE [23] ALPHABETICAL CALL LIST

CALL (City, Owner, Power) CHANNEL

KLPM	Minot, N. D. (250)	John B. Cooley	124
KLRA	Little Rock, Ark. (1000)	Arkansas Broadcasting Co.	139
KLS	Oakland, Calif. (250)	Warner Bros.	144
KLUF	Galveston, Tex. (100)	George Roy Clough	137
KLX	Oakland, Cal. (1000)	Tribune Building Co.	88
KLZ	Denver, Colo. (1000)	Reynolds Radio Co., Inc.	56
KMA	Shenandoah, Iowa (100)	May Seed & Nursery Co.	93
KMAC	San Antonio, Tex. (100)	W. W. McAllister	137
KMBC	Kansas City, Mo. (1000)	Midland Bldg. Co. Inc.	93
KMED	Medford, Ore. (100)	Mrs. W. J. Virgin	137
KMJ	Fresno, Cal. (500)	James McClatchy Co.	58
KMLB	Monroe, La. (100)	Liner's Brd. Station, Inc	120
KMMJ	Clay Center, Neb. (1000)	The M. M. Johnson Co.	74
KMO	Tacoma, Wash. (250)	KMO, Inc.	133
KMOX	St. Louis, Mo. (50,000)	Voice of St. Louis, Inc.	109
KMPC	Beverly Hills, Cal. (500)	Beverly Hills Brd. Corp.	77
KMTR	Los Angeles, Calif. (500)	KMTR Radio Corp.	57
KNOW	Austin, Texas (100)	Southwest Broadcasting Co.	150
KNX	Los Angeles (50,000)	Western Broadcast Co.	105
KOA	Denver, Colo. (50,000)	National Brd. Co., Inc.	83
KOAC	Corvallis, Ore. (1,000)	Oregon St. Agri. College	55
KOB	Albuquerque, NM (10,000)	N. M. College of Agri.	118
KOH	Reno, Nevada (500)	The Bee, Inc.	138
KOIL	Council Bluffs, Ia. (1,000)	Mona Motor Oil Co.	126
KOIN	Portland, Oregon (1,000)	KOIN, Inc.	94
KOL	Seattle, Wash. (1,000)	Seattle Brd. Co. Inc.	127
KOMA	Oklahoma City (5,000)	National Radio Mfg. Co.	148
KOMO	Seattle, Wash. (1,000)	Fisher's Blend Station Inc.	92
KONO	San Antonio, Texas (100)	Mission Broadcasting Co.	137
KOOS	Marshfield, Oregon (100)	H. H. Hanseth, Inc.	137
KORE	Eugene, Oregon (100)	Eugene Broadcast Station	142
KOTN	Pine Bluff, Ark. (100)	Wm. F. Chaplin	150
KOY	Phoenix, Arizona (500)	Nielsen Radio Company	139
KPCB	Seattle, Wash. (100)	Queen City Broadcast Co.	65
KPJM	Prescott, Arizona (100)	Scott and Sturn	150
KPO	San Francisco (50,000)	National Brd. Co., Inc.	68
KPOF	Denver, Colo. (500)	Pillar of Fire, Inc.	88
KPPC	Pasadena, Calif. (50)	Pasadena Pres. Church	127
KPQ	Wenatchee, Wash. (100)	Westcoast Brd. Co.	150
KPRC	Houston, Texas (1,000)	Houston Printing Co.	92
KQV	Pittsburgh, Penna (500)	KQV Broadcasting Co.	138
KQW	San Jose, Calif. (500)	Pacific Agri. Foundation	107
KRE	Berkeley, Calif. (100)	First Congregat'nal Church	137
KREG	Santa Ana, Calif. (100)	Voice of Orange Empire	150
KRGV	Harlingen, Texas (500)	KRGV, Inc.	126
KRKD	Los Angeles, Cal. (500)	Fireside Broadcasting Co.	112
KRLD	Dallas, Texas (10,000)	KRLD Radio Corp.	104
KRMD	Shreveport, La. (100)	Radio Station KRMD, Inc.	137
KROW	Oakland, Calif. (500)		

ALPHABETICAL CALL LIST

CALL	(City, Owner, Power)	CHANNEL	CALL	(City, Owner, Power)	CHANNEL
WBBL	Richmond, Va. (100)	121	WDEL	Wilmington, Del. (200)	112
WBBM	Chicago, Ill. (25,000)	77	WDEV	Waterbury, Vt. (500)	55
WBBR	Brooklyn, N.Y. (1000)	136	WDGY	Minneapolis (1000)	118
WBBX	New Orleans, La. (100)	120	WDOD	Chattanooga, Tenn. (1000)	128
WBBZ	Ponca City, Okla. (100)	120	WDRC	Hartford, Conn. (1000)	133
WBCM	Bay City, Mich. (500)	141	WDSU	New Orleans, La. (1000)	125
WBDN	Buffalo, N.Y. (1000)	90	WDZ	Tuscola, Ill. (100)	107
WBEO	Marquette, Mich. (100)	131	WEAF	New York, N.Y. (50,000)	66
WBHS	Huntsville, Ala. (100)	120	WEAN	Providence, R.I. (500)	78
WBIG	Greensboro, N.C. (500)	144	WEBC	Superior, Wis. (1000)	129
WBNS	Columbus, Ohio (500)	143	WEBQ	Harrisburg, Ill. (100)	121
WBNX	New York, N.Y. (250)	135	WEBR	Buffalo, N.Y. (100)	131
WBOV	Terry, Haute, Ind. (100)	131	WEDC	Chicago, Ill. (100)	121
WBRC	Birmingham, Ala. (500)	93	WEED	Greenville, N.C. (100)	142
WBRE	Wilkes-Barre, Pa. (100)	131	WEEL	Boston, Mass. (1000)	59
WBSO	Needham, Mass. (500)	92	WEEO	Reading, Pa. (1000)	83
WBT	Charlotte, N.C. (50,000)	108	WEHC	Charlottesville, Va. (500)	135
WBTM	Danville, Va. (100)	137	WEHS	Chicago, Ill. (100)	142
WBZ	Boston, Mass. (50,000)	53	WELL	Battle Creek, Mich. (50)	142
WCAC	Storrs, Conn. (500)	60	WENC	Albany, Ga. (100)	142
WCAD	Canton, N.Y. (500)	122	WENR	Chicago, Ill. (50,000)	87
WCAE	Pittsburgh, Pa. (1000)	122	WESB	Elmira, N.Y. (1000)	104
WCAL	Northfield, Minn. (1000)	125	WEVD	New York, N.Y. (1000)	130
WCAM	Camden, N.J. (500)	128	WEW	St. Louis, Mo. (1000)	76
WCAO	Baltimore, Md. (500)	60	WEXD	Royal Oak, Mich. (50)	131
WCAP	Asbury Park, N.J. (500)	128	WFAA	Dallas Texas (50,000)	80
WCAT	Rapid City, S.D. (100)	120	WFAB	New York, N.Y. (1000)	130
WCAU	Philadelphia (50,000)	117	WFAM	South Bend, Ind. (100)	120
WCAX	Burlington, Vt. (100)	120	WFAS	White Plains, N.Y. (100)	121
WCAZ	Carthage, Ill. (100)	107	WFBC	Greenville, S.C. (100)	120
WCBA	Allentown, Penna. (250)	144	WFBE	Cincinnati, Ohio (1000)	120
WCBF	Zion, Ill. (5000)	108	WFBC	Altoona, Penna. (100)	131
WCBM	Baltimore, Md. (100)	137	WFBL	Syracuse, N.Y. (1000)	136
WCBT	Springfield, Ill. (100)	121	WFBM	Indianapolis, Ind. (1000)	123
WCCO	Minneapolis (50,000)	81	WFBP	Baltimore, Md. (500)	127
WCFL	Chicago, Ill. (5000)	97	WFDF	Flint, Mich. (100)	131
WCHS	Charleston, W. Va. (250)	58	WFDV	Rome, Ga. (100)	150
WCKY	Covington, Ky. (5000)	149	WFEA	Manchester, N.H. (500)	143
WCLO	Janesville, Wis. (100)	120	WFI	Philadelphia, Pa. (500)	56
WCLS	Joliet, Ill. (100)	131	WFLA	Clearwater, Fla. (1000)	62
WCNW	Brooklyn, N.Y. (100)	150	WQAL	Lancaster, Penna. (100)	131
WCOA	Pensacola, Fla. (500)	134	WQAR	Cleveland, Ohio (500)	145
WCOC	Meridian, Miss. (500)	88	WGBB	Freeport, N.Y. (100)	121
WCRW	Chicago, Ill. (100)	121	WGBF	Evansville, Ind. (500)	63
WCSG	Charleston, S.C. (500)	136	WGBI	Scranton, Penna. (500)	88
WCSH	Portland, Maine (1000)	94	WGCM	Mississippi City (100)	121
WDAE	Tampa, Fla. (1000)	122	WGCP	Newark, N.J. (1000)	125
WDAF	Kansas City, Mo. (1000)	61	WGES	Chicago, Ill. (500)	136
WDAC	Amarillo, Texas (1000)	141	WGH	Newport News, Va. (100)	131
WDAH	El Paso, Texas (100)	131			
WDAS	Philadelphia, Pa. (100)	137			
WDAY	Fargo, N.D. (1000)	94			
WDBJ	Roanoke, Va. (500)	58			
WDBO	Orlando, Fla. (250)	112			

WISN	Milwaukee, Wis. (250)	112	WJAC	Johnstown, Pa. (100)	131
WJAG	Norfolk, Neb. (1000)	106	WJAR	Providence, R.I. (500)	89
WJAS	Pittsburgh, Pa. (1000)	129	WJAX	Jacksonville, Fla. (1000)	90
WJBC	Cleveland, Ohio (500)	61	WJBI	Red Bank, N.J. (100)	121
WJBL	Decatur, Ill. (100)	120	WJBO	Baton Rouge, La. (100)	142
WJBW	New Orleans, La. (100)	120	WJBY	Gadsden, Ala. (100)	121
WJDX	Jackson, Miss. (1000)	127	WJEM	Tupelo, Miss. (500)	99
WJFD	Wichita, Kan. (100)	142	WJGS	Ironwood, Mich. (100)	142
WJH	Detroit, Mich. (1000)	137	WJIS	Washington, D.C. (10,000)	146
WJL	Atlanta, Ga. (250)	89	WJTL	Atlanta, Ga. (100)	137
WJN	Buffalo, N.Y. (1000)	55	WJW	Akron, Ohio (100)	121
WJQ	Chicago, Ill. (50,000)	72	WJZ	New York, N.Y. (50,000)	76
WJR	Chicago, Ill. (50,000)	75	WKAQ	San Juan, P.R. (1000)	124
WJSV	Washington, D.C. (10,000)	146	WKAR	Lansing, Mich. (1000)	104
WJTL	Atlanta, Ga. (100)	137	WKBB	East Dubuque, Ill. (100)	150
WJW	Akron, Ohio (100)	121	WKBF	Indianapolis, Ind. (500)	140
WJZ	New York, N.Y. (50,000)	76	WKBH	LaCrosse, Wis. (1000)	138
WKAQ	San Juan, P.R. (1000)	124	WKBI	Chicago, Ill. (100)	142
WKAR	Lansing, Mich. (1000)	104	WKBK	Youngstown, Ohio (500)	57
WKBB	East Dubuque, Ill. (100)	150	WKBQ	Harrisburg, Ill. (100)	120
WKBF	Indianapolis, Ind. (500)	140	WKBV	Buffalo, N.Y. (5000)	148
WKBH	LaCrosse, Wis. (1000)	138	WKBW	Ludington, Mich. (100)	150
WKBI	Chicago, Ill. (100)	142	WKBZ	Kalamazoo, Mich. (1000)	59
WKBK	Youngstown, Ohio (500)	57	WKEU	La Grange, Ga. (100)	159
WKBQ	Harrisburg, Ill. (100)	120	WKFI	Greenwood, Miss. (100)	121
WKBV	Buffalo, N.Y. (5000)	148	WKJC	Lancaster, Penna. (100)	120
WKBW	Ludington, Mich. (100)	150	WKOK	Sumbury, Penna. (100)	121
WKBZ	Kalamazoo, Mich. (1000)	59	WKRC	Cincinnati, Ohio (1000)	55
WKEU	La Grange, Ga. (100)	159	WKY	Oklahoma City (1000)	90
WKFI	Greenwood, Miss. (100)	121	WKZ	Albany, N.Y. (500)	143
WKJC	Lancaster, Penna. (100)	120	WKO	Washington, D.C. (100)	131
WKOK	Sumbury, Penna. (100)	121	WOL	Washington, D.C. (100)	131
WKRC	Cincinnati, Ohio (1000)	55	WOMT	Manitowoc, Wis. (100)	121
WKY	Oklahoma City (1000)	90	WOOD	Gr. Rapids, Mich. (500)	127
WKZ	Albany, N.Y. (500)	143	WOPI	Bristol, Tenn. (100)	150
WKO	Washington, D.C. (100)	131	WOQ	Kansas City, Mo. (1000)	130
WOL	Washington, D.C. (100)	131	WOR	Newark, N.J. (50,000)	71
WOMT	Manitowoc, Wis. (100)	121	WORC	Worcester, Mass. (100)	128
WOOD	Gr. Rapids, Mich. (500)	127	WORK	York, Penn. (1000)	100
WOPI	Bristol, Tenn. (100)	150	WOS	Jefferson City, Mo. (500)	63
WOQ	Kansas City, Mo. (1000)	130	WOSU	Columbus, Ohio (1000)	57
WOR	Newark, N.J. (50,000)	71	WOW	New York, N.Y. (1000)	113
WORC	Worcester, Mass. (100)	128			
WORK	York, Penn. (1000)	100			
WOS	Jefferson City, Mo. (500)	63			
WOSU	Columbus, Ohio (1000)	57			
WOW	New York, N.Y. (1000)	113			

WLS	Chicago, Ill. (50,000)	87	WMAQ	Springfield, Mass. (100)	142
WLTH	Brooklyn, N.Y. (500)	140	WMAZ	Macon, Ga. (500)	118
WLVA	Lynchburg, Va. (100)	137	WMBC	Peoria, Ill. (500)	144
WLW	Cincinnati, O. (50,000)	70	WMBD	Richmond, Va. (100)	121
WLWL	New York, N.Y. (5000)	110	WMBH	Joplin, Missouri (100)	142
WMAL	Washington, D.C. (250)	63	WMBI	Chicago, Ill. (5000)	108
WMAQ	Springfield, Mass. (100)	142	WMBO	Auburn, N.Y. (100)	131
WMAZ	Macon, Ga. (500)	118	WMBQ	Brooklyn, N.Y. (100)	150
WMBC	Peoria, Ill. (500)	144	WMBR	Jacksonville, Fla. (100)	137
WMBD	Richmond, Va. (100)	121	WMC	Memphis, Tenn. (500)	78
WMBH	Joplin, Missouri (100)	142	WMCA	New York, N.Y. (500)	57
WMBI	Chicago, Ill. (5000)	108	WMEX	Chelsea, Mass. (100)	150
WMBO	Auburn, N.Y. (100)	131	WMMN	Fairmont, W. Va. (250)	89
WMBQ	Brooklyn, N.Y. (100)	150	WMPC	Lapeer, Mich. (100)	150
WMBR	Jacksonville, Fla. (100)	137	WMT	Waterloo, Iowa (1000)	60
WMC	Memphis, Tenn. (500)	78	WNAC	Boston, Mass. (1000)	123
WMCA	New York, N.Y. (500)	57	WNAD	Norman, Okla. (500)	101
WMEX	Chelsea, Mass. (100)	150	WNAX	Yankton, S.D. (1000)	57
WMMN	Fairmont, W. Va. (250)	89	WNB	Binghamton, N.Y. (100)	150
WMPC	Lapeer, Mich. (100)	150	WNBH	N. Bedford, Mass. (100)	131
WMT	Waterloo, Iowa (1000)	60	WNBO	Alver Haven, Pa. (100)	120
WNAC	Boston, Mass. (1000)	123	WNBQ	Vicksburg, Miss. (500)	136
WNAD	Norman, Okla. (500)	101	WNB	St. Albans, Vt. (100)	137
WNAX	Yankton, S.D. (1000)	57	WNBX	Springfield, Vt. (250)	126
WNB	Binghamton, N.Y. (100)	150	WNBZ	Saranac Lake, N.Y. (50)	129
WNBH	N. Bedford, Mass. (100)	131	WNE	Newark, N.J. (1000)	125
WNBO	Alver Haven, Pa. (100)	120	WNOX	Knoxville, Tenn. (1000)	56
WNBQ	Vicksburg, Miss. (500)	136	WNRA	Mus. Shairs, Ala. (100)	142
WNB	St. Albans, Vt. (100)	137	WNYC	New York, N.Y. (500)	81
WNBX	Springfield, Vt. (250)	126	WOAI	S. Ant'io, Tex. (50,000)	119
WNBZ	Saranac Lake, N.Y. (50)	129	WOC	Des Moines, Ia. (50,000)	100
WNE	Newark, N.J. (1000)	125	WOCL	Jamestown, N.Y. (50)	121
WNOX	Knoxville, Tenn. (1000)	56	WODX	Mobile, Ala. (500)	141
WNRA	Mus. Shairs, Ala. (100)	142	WOI	Ames, Iowa (5000)	64
WNYC	New York, N.Y. (500)	81	WOKO	Albany, N.Y. (500)	143
WOAI	S. Ant'io, Tex. (50,000)	119	WOL	Washington, D.C. (100)	131
WOC	Des Moines, Ia. (50,000)	100	WOMT	Manitowoc, Wis. (100)	121
WOCL	Jamestown, N.Y. (50)	121	WOOD	Gr. Rapids, Mich. (500)	127
WODX	Mobile, Ala. (500)	141	WOPI	Bristol, Tenn. (100)	150
WOI	Ames, Iowa (5000)	64	WOQ	Kansas City, Mo. (1000)	130
WOKO	Albany, N.Y. (500)	143	WOR	Newark, N.J. (50,000)	71
WOL	Washington, D.C. (100)	131	WORC	Worcester, Mass. (100)	128
WOMT	Manitowoc, Wis. (100)	121	WORK	York, Penn. (1000)	100
WOOD	Gr. Rapids, Mich. (500)	127	WOS	Jefferson City, Mo. (500)	63
WOPI	Bristol, Tenn. (100)	150	WOSU	Columbus, Ohio (1000)	57
WOQ	Kansas City, Mo. (1000)	130	WOW	New York, N.Y. (1000)	113
WOR	Newark, N.J. (50,000)	71			
WORC	Worcester, Mass. (100)	128			
WORK	York, Penn. (1000)	100			
WOS	Jefferson City, Mo. (500)	63			
WOSU	Columbus, Ohio (1000)	57			
WOW	New York, N.Y. (1000)	113			

ALPHABETICAL CALL LIST

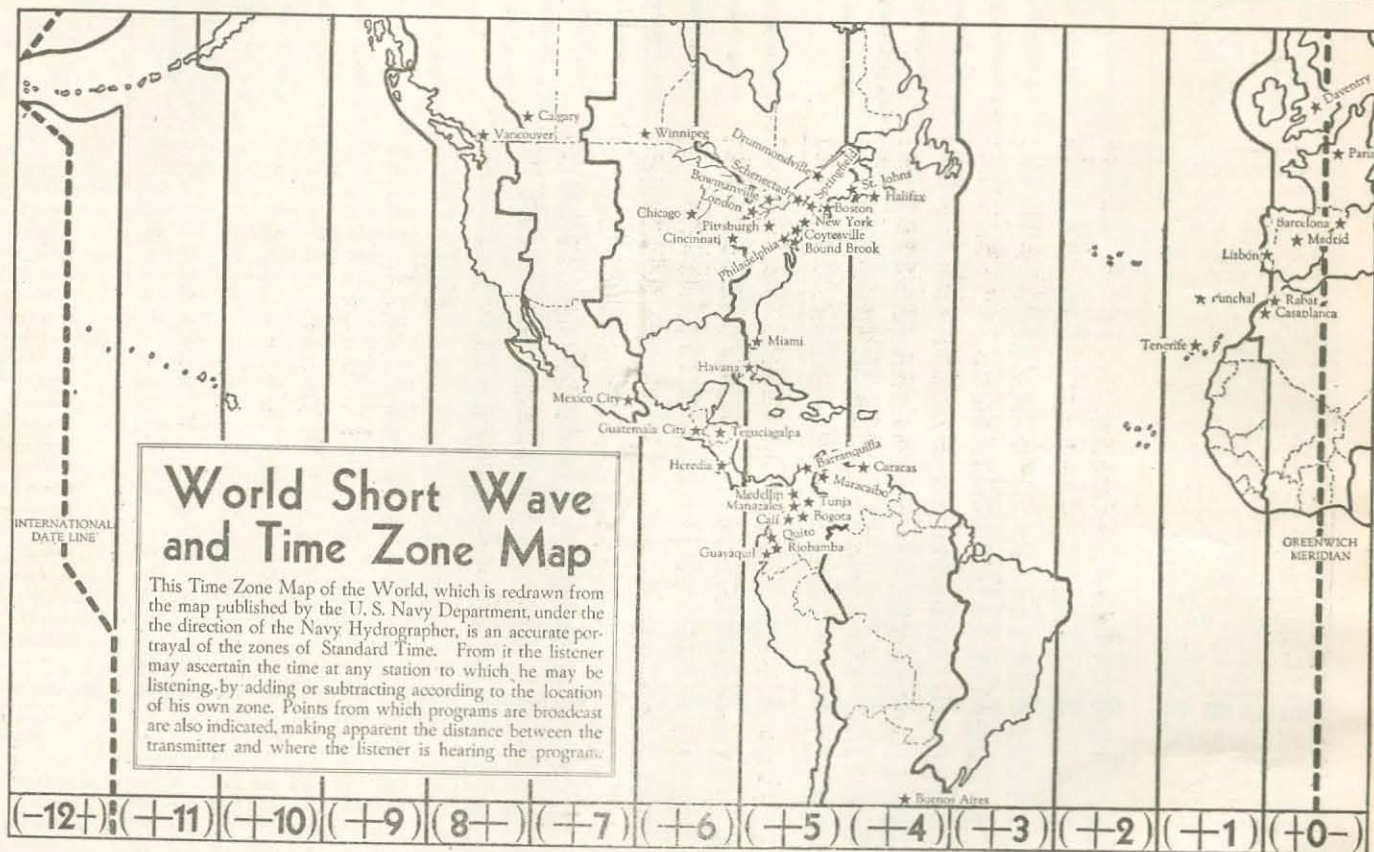
These four pages of alphabetical listings contain every broadcasting station in North America, indicating the station call, the channel in which it operates, the point from which it is licensed and the name of the registered owner. The list below shows the countries of North America that have broadcasting stations within their borders, the number in each country, together with the letters which may be used by each country under international assignment and regulation.

Country	Assigned Letters	Stations
United States	K and W	591
Dominion of Canada	CF and CK	69
Cuba	CM	57
Mexico	X	48
Costa Rica	TI	15
Newfoundland	VO	6
Dominican Republic	HI	5
Honduras	HR	2
Bahamas	VP and VS	2
El Salvador	R	1
Guatemala	TG	1
Haiti	HH	1
Miquelon Islands	F	1
Total		799

WOW	Omaha, Nebr. (1000) W. O. W. Linc. Ins. Assn.	59	WSB	Atlanta, Ga. (50,000) Atlanta Journal Co.	74
WOWO	Ft. Wayne, Ind. (10,000) Main Auto Supply Co.	116	WSBC	Chicago, Ill. (100) WSBC, Inc.	121
WPAD	Paducah, Ky. (100) Pabst Broadcasting Co.	142	WSBT	South Bend, Ind. (500) South Bend Tribune	123
WPEN	Philadelphia, Pa. (250) Wm. Penn Broadcasting Co.	92	WSEN	Columbus, Ohio (100) Columbus Brd. Corp.	121
WPFB	Hattiesburg, Miss. (100) Oils Perry Eure	137	WSFA	Montgomery, Ala. (500) Montgomery Brd. Co.	141
WPG	Atlantic City, N. J. (5000) Columbia Brd. System	110	WSCN	Birmingham, Ala. (250) R. B. Broyles Fur. Co.	131
WPHR	Petersburg, Va. (100) WLBG, Inc.	120	WSIX	Springfield, Tenn. (100) 638 Tire & Vulc. Co.	121
WPRO	Providence, R. I. (250) Cherry and Webb Brd. Co.	63	WSJS	Winston-Salem, N.C. (100) Winston-Salem Journal Co.	131
WPTF	Raleigh, N. C. (5000) WPTF Radio Co.	68	WSM	Nashville, Tenn. (50,000) Nat. Life & Acc. Ins. Co.	65
WQAM	Miami, Fla. (1000) Miami Broadcasting Co.	56	WSMB	New Orleans, La. (500) WSMB, Incorporated	132
WQAN	Scranton, Pa. (250) E. J. Lynett, Proprietor	88	WSMK	Dayton, Ohio (200) Stanley M. Krohn, Jr.	138
WQBC	Vicksburg, Miss. (500) Delta Brd. Co., Inc.	136	WSOC	Charlotte, N. C. (100) WSOC Incorporated	121
WQDM	St. Albans, Vt. (100) St. Antoine and Regan	137	WSPA	Spartanburg, S. C. (100) Voice of South Carolina	142
WQDX	Thomasville, Ga. (100) Sevens Luke	121	WSPD	Toledo, Ohio (1000) Toledo Broadcasting Co.	134
WRAK	Williamsport, Pa. (100) WRAK, Inc.	137	WSUI	Iowa City, Iowa (500) State University of Iowa	88
WRAM	Durham, N. C. (100) Wilmington Radio Ass. Inc.	150	WSVS	Buffalo, N. Y. (50) Sen. Vocat. High School	137
WRAX	Reading, Pa. (100) Reading Broadcasting Co.	131	WSYB	Rutland, Vt. (100) Philip Weiss Music Co.	150
WRAX	Philadelphia, Pa. (250) WRAX Broadcasting Co.	102	WSYR	Syracuse, N. Y. (250) Central N. Y. Brd. Co.	57
WRBL	Columbus, Ga. (100) WRBL Radio Station, Inc.	120	WTAD	Quincy, Ill. (500) Illinois Brd. Corp.	144
WRBX	Roanoke, Va. (250) Richmond Development Corp.	141	WTAG	Worcester, Mass. (750) Worcester Telegram Pub. Co.	58
WRC	Washington, D.C. (500) National Broadcasting Co.	95	WTAM	Cleveland Ohio (50,000) National Broadcasting Co.	107
WRDO	Augusta, Maine (100) WRDO, Inc.	137	WTAQ	Eau Claire, Wis. (1000) Gillette Rubber Co.	133
WRDW	Augusta, Ga. (100) Musicov, Inc.	150	WTAR	Norfolk, Va. (500) WTAR Radio Corp.	78
WREC	Memphis, Tenn. (500) WREC, Inc.	60	WTAW	College Sta., Tex (500) Agri. & Mech. Col. of Texas	112
WREN	Lawrence, Kan. (1000) Jenny Wren Co.	122	WTAX	Springfield, Ill. (100) WTAX, Inc.	124
WRHM	Minneapolis (1000) Minnesota Brd. Corp.	125	WTBO	Cumberland, Md. (100) Associated Brd. Corp.	125
WRJN	Racine, Wis. (100) Racine Broadcasting Corp.	137	WTEL	Philadelphia, Pa. (100) Foulkrod Radio Eng. Co.	126
WROK	Rockford, Ill. (500) Rockford Broadcasters, Inc.	141	WTFI	Athens, Ga. (500) Liberty Broadcasting Co.	127
WROL	Knoxville, Tenn. (100) Stuart Broadcasting Corp.	131	WTIC	Hartford, Conn. (50,000) Travelers Brd. Serv. Corp.	128
WRR	Dallas, Tex. (500) City of Dallas	128	WTJS	Jackson, Tenn. (100) The Sun Publishing Co.	129
WRUF	Gainesville, Fla. (5000) University of Florida	83	WTMJ	Milwaukee, Wis. (1000) The Journal Co.	130
WRVA	Richmond, Va. (5000) Larus & Bro. Co., Inc.	111	WTNJ	Trenton, N. J. (500) WOAX, Inc.	131
WSAI	Cincinnati, Ohio (1000) Crosley Radio Corp.	133	WTOG	Savannah, Ga. (500) Savannah Broadcasting Co.	132
WSAJ	Grove City, Pa. (100) Grove City College	131	WTRC	Elkhart, Ind. (50) The Truth Pub. Co., Inc.	133
WSAN	Allentown, Penna. (250) WSAN, Inc.	144	WVFW	Brooklyn, N. Y. (500) Paramount Brd. Corp	134
WSAR	Fall River, Mass. (250) Doughty & Welch Elec. Co.	145	WWAE	Hammond, Ind. (100) Hammond-Calumet Brd.	135
WSAZ	Hunt'gton, W. Va. (1000) WSAZ, Inc.	119	WWJ	Detroit, Mich. (1000) The Evening News Assn.	136

WESTERN (SHORT WAVE HEMISPHERE STATIONS OF

Location	Call	Megacycle	Location	Call	Megacycle	Location	Call	Megacycle	Location	Call	Megacycle	Location	Call	Megacycle				
UNITED STATES																		
Boston, Mass.	W1XAL	6.04	New York, N. Y.	W2XE	15.27	Bowmanville, Ont.	VE9GW	11.81	Mexico City, Mexico	XDA	5.86	Barranquilla, Colom.	HKD	6.24				
Boston, Mass.	W1XAL	21.46	New York, N. Y.	W2XBH	5.50	Bowmanville, Ont.	VE9GV	6.09	Mexico City, Mexico	XEW	6.03	Bogota, Colombia	HJ3ABF	7.61				
Boston, Mass.	W1XAL	11.79	New York, N. Y.	W2XE	6.12	Calgary, Alberta	VE9CA	6.03	Mexico City, Mexico	XDA	14.63	Bogota, Colombia	HJ3ABF	6.25				
Bound Brook, N. J.	W3XL	6.39	Philadelphia, Pa.	W3XAU	6.06	Calgary, Alta.	VE9CG	6.11	Mexico City, Mexico	XDA	11.76	Bogota, Colombia	HKC	6.20				
Bound Brook, N. J.	W3XAL	6.10	Philadelphia, Pa.	W3XAU	9.59	Drummondville, Ont.	VE9DR	11.78				Calumet, Colombia	HJ5AB	7.56				
Bound Brook, N. J.	W3XAL	17.78	Pittsburgh, Pa.	W8XK	11.85	Drummondville, Ont.	VE9DR	6.00	CENTRAL AMERICA					Manizales, Colom.	HJ4AB	7.38		
Chicago, Ill.	W9XF	17.78	Pittsburgh, Pa.	W8XK	6.18	Halifax N. S.	VE9HX	6.12	Guatemala City, Guat.	TGW	6.68	Medellin, Colombia	HJ4ABE	5.93				
Chicago, Ill.	W9XAA	17.78	Pittsburgh, Pa.	W8XK	17.78	Halifax N. S.	VE9HX	6.05	Guatemala City, Guat.	TGX	8.93	Tunja, Colombia	HJ2ABA	5.88				
Chicago, Ill.	W9XAA	6.08	Pittsburgh, Pa.	W8XK	21.54	London, Canada	VE9BY	4.79	CENTRAL AMERICA					Quito, Colombia	HC1DR	6.38		
Chicago, Ill.	W9XF	6.10	Pittsburgh, Pa.	W8XK	15.21	London, Ont.	VE9BY	6.43	Tegucigalpa, Hond.	HRB	6.00	ECUADOR			Quito Ecuador	HCJB	4.00	
Chicago, Ill.	W9XAA	11.83	Pittsburgh, Pa.	W8XK	9.57	London, Ont.	VE9BY	8.65	Heredia, Costa Rica	T14NRH	9.68	Riobamba, Ecuador	PRADO	6.62				
Cincinnati, Ohio	W8XAL	6.06	Schenectady, N. Y.	W2XO	12.85	St. Johns, N. B.	VE9BJ	6.09	ARGENTINE					Guayaquil, Ecuador	HC2JBS	8.00		
Coytesville, N. J.	W2XAL	15.25	Schenectady, N. Y.	W2XAD	15.33	Vancouver, B. C.	VE9CS	6.07	Buenos Aires, Argen.	LSX	10.35	Quito, Ecuador	HCJB	8.11				
Long Island City, N. Y.	W2XVB	4.79	Schenectady, N. Y.	W2XAF	9.53	Winnipeg, Canada	VE9CL	5.71	COLOMBIA					VENEZUELA		Caracas, Venezuela	YV1BC	6.11
Miami Beach, Fla.	W4XB	6.04	Springfield, Mass.	W1XAZ	9.57	Winnipeg, Man.	VE9CL	6.15	Barranquilla, Colom.	HJ1ABB	5.94	Maracaibo, Venez.	YB1TBM	6.11				
New York, N. Y.	W2XE	11.83				Winnipeg, Man.	VE9JR	11.72	Barranquilla, Colom.	HKA	6.15							
CUBA																		
Havana, Cuba	CMCI	6.06	Havana, Cuba	CM6XJ	15.01				Barranquilla, Colom.	HKD	6.00							

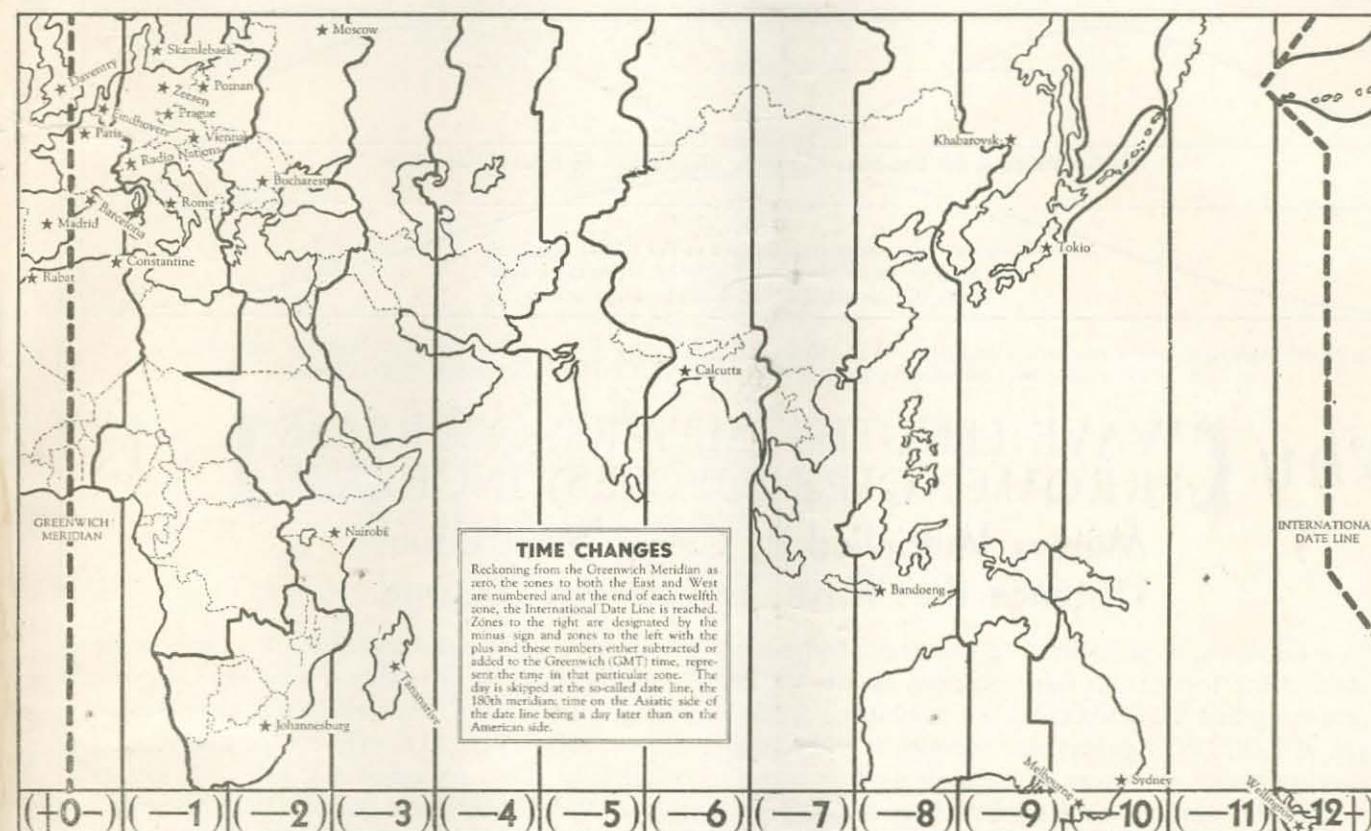


WORLD BROADCAST STATIONS (Alphabetically by Cities)

Location	Call	Megacycle	Location	Call	Megacycle	Location	Call	Megacycle	Location	Call	Megacycle	Location	Call	Megacycle
Barcelona, Spain	EAJ25	6.00	Chicago, Ill.	W9XF	17.78	Heredia, Costa Rica	T14NRH	9.68	Paris, France	FLE	6.12	Rome, Italy	I2R0	11.81
Barranquilla, Colom.	HKA	6.15	Chicago, Ill.	W9XAA	17.78	Johannesburg, S. Africa	ZTJ	6.10	Paris, France	FYA	15.24	Schenectady, N. Y.	W2XAF	9.53
Barranquilla, Colombia	HKD	6.00	Chicago, Ill.	W9XF	6.10	Johannesburg, S. Africa	ZTJ	6.12	Paris, France	FYA	11.90	Schenectady, N. Y.	W2XAD	12.83
Barranquilla, Colom.	HKD	6.24	Chicago, Ill.	W9XAA	11.82	Khabarovsk, Russia	RV15	4.27	Paris, France	FYA	11.70	Schenectady, N. Y.	W2XAD	15.33
Barranquilla, Colom.	HJ1AB	5.94	Chicago, Ill.	W9XAA	6.08	Lisbon, Portugal	CT1AA	9.60	Paris, France	FVB	10.51	Skamlebaek, Denmark	OXY	6.07
Bandoeng, Java	PMY	5.17	Cincinnati, Ohio	WSXAL	0.55	London, Canada	VE9BY	4.79	Philadelphia, Pa.	W3XAU	9.59	Skamlebaek, Denmark	OYJ	9.52
Bogota, Colombia	HJ3ABF	6.25	Constantine, Algeria	FSKR	6.67	London, Ont.	VE9BY	8.23	Philadelphia, Pa.	W3XAU	6.06	St. Johns, N. B.	VE9BJ	6.09
Bogota, Colombia	HKC	6.20	Coytesville, N. J.	W2XAL	15.25	Long Island City, N. Y.	W2XV	4.79	Pittsburgh, Pa.	WSXK	6.14	Springfield, Mass.	W1XAZ	9.57
Bogota, Colombia	HKF	7.56	Davenport, England	GSC	9.51	Madrid, Spain	EAR110	6.98	Pittsburgh, Pa.	WSXK	11.85	Sydney, Australia	VKZME	9.59
Bogota, Colombia	HJ3ABF	7.61	Davenport, England	GSE	9.51	Manizales, Colom.	HJ4AB8	7.87	Pittsburgh, Pa.	WSXK	11.85	Tananaive, Madagascar	FIUJ	5.69
Boston, Mass.	W1XAL	6.04	Davenport, England	GSD	11.85	Maracaibo, Vene.	YB11BM0	6.13	Pittsburgh, Pa.	WSXK	17.78	Tegucigalpa, Hond.	ESRB	6.00
Boston, Mass.	W1XAL	21.46	Davenport, England	GSE	11.86	Medellin, Colombia	HJ4ABE	5.93	Pittsburgh, Pa.	WSXK	21.54	Tenerife, Canary Isl.	EARS	7.82
Boston, Mass.	W1XAL	11.79	Davenport, England	GSE	15.20	Melbourne, Australia	VK2ME	9.51	Pittsburgh, Pa.	WSXK	15.21	Tokio, Japan	J1AA	15.49
Bound Brook, N. J.	W3XAL	6.39	Davenport, England	GSG	17.77	Mexico City, Mexico	XDA	11.76	Poznan, Poland	SRI	9.49	Tokio, Japan	J1AA	15.49
Bound Brook, N. J.	W3XAL	6.39	Davenport, England	GSA	6.05	Mexico City, Mexico	XDA	14.63	Prague, Czechoslovak	OK1PT	5.14	Tunja, Colombia	HJ2ABA	5.88
Bound Brook, N. J.	W3XAL	17.78	Davenport, England	GSA	6.05	Mexico City, Mexico	XDA	14.63	Quito, Ecuador	HCBJ	4.00	Vancouver, B. C.	VE9CS	6.07
Bowmanville, Ont.	VE9GW	6.09	Drummondville, Canada	VE9DR	11.78	Mexico City, Mexico	XDA	5.86	Quito, Ecuador	HCBJ	8.11	Vienna, Austria	U0R2	6.07
Bowmanville, Ont.	VE9GW	11.81	Eindhoven, Holland	PHI	17.77	Mexico City, Mexico	XDA	5.86	Quito, Colombia	HCIDR	6.38	Wellington, N. Z.	ZL2ZX	6.06
Bucharest, Roumania		6.00	Eindhoven, Holland	PHI	17.77	Miami Beach, Fla.	W4XB	6.03	Rabat, Morocco	CNR	12.85	Winnipeg, Canada	VE9CL	5.71
Bucharest, Roumania		13.95	Funchal, Madeira	CT3AO	11.81	Moscow, Russia	RW72	6.01	Rabat, Morocco	CNR	9.30	Winnipeg, Man.	VE9JR	11.72
Buenos Aires, Argen.	LSX	10.35	Guatemala City, Guat.	TGW	6.68	Moscow, Russia	RW59	6.00	Radio Nations, Switz.	HBL	9.59	Winnipeg, Man.	VE9CL	6.15
Calcutta, India	VUC	6.11	Guatemala City, Guat.	HC2JSB	8.90	Nairobi, Africa	V07L0	6.06	Radio Nations, Switz.	HBL	7.44	Zeezan, Germany	DJC	6.02
Calgary, Alta.	VE9CC	6.11	Guatemala City, Guat.	TGX	8.93	New York, N. Y.	W2XBH	5.50	Radio Nations, Switz.	HBL	7.44	Zeezan, Germany	DJA	9.56
Calgary, Alberta	VE9CA	6.03	Halifax, N. S.	VE9HX	6.05	New York, N. Y.	W2XBE	6.12	Riobamba, Ecuador	PRADO	6.62	Zeezan, Germany	DJD	11.76
Call, Colombia	HJ5ABD	6.38	Halifax, N. S.	VE9HX	6.12	New York, N. Y.	W2XE	11.83	Rome, Italy	I2R0	6.22	Zeezan, Germany	DJE	15.20
Caracas, Venezuela	YV1BC	6.11	Havana, Cuba	CMCI	6.06	New York, N. Y.	W2XE	15.27	Rome, Italy	HVJ	5.97	Zeezan, Germany	DJB	17.78
Casablanca, Morocco	CN8MC	6.25	Havana, Cuba	CMCJ	15.01				Rome, Italy	HVJ	15.14			

BROADCASTING) EASTERN
THE WORLD ◻ ◻ ◻ HEMISPHERE

Location	Call	Megacycle	Location	Call	Megacycle	Location	Call	Megacycle	Location	Call	Megacycle	Location	Call	Megacycle
AUSTRIA			Daventry, England	GSD..	11.75	POLAND			SWITZERLAND			INDIA		
Vienna, Austria	UOR2..	6.07	Daventry, England	GSE..	11.86	Poznan, Poland	SRI..	9.49	Radio Nations, Switz.,	HBQ..	7.44	Calcutta, India	VUC..	6.11
Sydney, Australia	VKZME..	9.59	Daventry, England	GSF..	15.20	PORTUGAL			Radio Nations, Switz.,	HBP..	7.80			
CZECHOSLOVAK			Daventry, England	GSG..	17.77	Lisbon, Portugal	CTIAA..	9.60	Radio Nations, Switz.,	HBL..	9.59	JAPAN		
Prague, Czechoslovak	OKIPT..	5.14	GERMANY			ROMANIA			MOROCCO			Tokio, Japan	JIAA..	7.88
DENMARK			Zeezan, Germany	DJC..	6.02	Bucharest, Roumania	(.....)	6.00	Rabat, Morocco	CNR..	12.85	Tokio, Japan	JIAA..	15.49
Skamlebaek, Denmark	OXY..	6.07	Zeezan, Germany	DJA..	9.56	Bucharest, Roumania	YDI..	13.95	Casablanca, Morocco	CNSMC..	6.25	Bandoeng, Java	PMY..	5.17
Skamlebaek, Denmark	OXY..	9.52	Zeezan, Germany	DJD..	11.76	RUSSIA			Rabat, Morocco	CNR..	9.30	AUSTRALIA		
FRANCE			Zeezan, Germany	DJE..	15.20	Khabarovsk, Russia	RV15..	4.27	SOUTH AFRICA			Melbourne, Australia	VKZME..	9.51
Paris, France	FLE..	6.12	Zeezan, Germany	DJB..	17.76	Moscow, Russia	RW59..	6.00	Nairobi, Africa	VQ7LO..	6.06	NEW ZEALAND		
Paris, France	FVB..	10.51	ITALY			Moscow, Russia	RW72..	6.61	Johannesburg, S. Africa	ZTJ..	6.10	Wellington, N. Z.	ZLZXX..	6.06
Paris, France	FYA..	11.90	Rome, Italy	HVJ..	5.97	SPAIN			Johannesburg, S. Africa	ZTJ..	6.12	MADIERA		
Paris, France	FYA..	15.24	Rome, Italy	I2RO..	6.22	Barcelona, Spain	EAJ25..	6.00	ALGERIA			Funchal, Madeira	CT3AQ..	11.81
Paris, France	FYA..	11.70	Rome, Italy	I2RO..	11.81	Madrid, Spain	EAR110..	6.98	Constantine, Algeria	F8KR..	6.67	CANARY		
ENGLAND			Rome, Italy	HVJ..	15.14	Madrid, Spain	EAAQ..	9.87	MADAGASCAR			Tananarive, Madagascar	FIU1..	5.69
Daventry, England	GSA..	6.05	HOLLAND			MADAGASCAR			ALGERIA			CANARY		
Daventry, England	GSB..	9.51	Eindhoven, Holland	PHI..	11.73	MADAGASCAR			ALGERIA			CANARY		
Daventry, England	GSC..	9.58	Eindhoven, Holland	PHI..	17.77	MADAGASCAR			ALGERIA			CANARY		



WORLD BROADCAST STATIONS (Frequency Arrangement)

Location	Call	Megacycle	Location	Call	Megacycle	Location	Call	Megacycle	Location	Call	Megacycle	Location	Call	Megacycle
Quito Ecuador	HCJB	4.00	Havana, Cuba	CMCI	6.06	Barranquilla, Colom.	HKD.	6.24	Skamlebaek, Denmark	OXY	9.52	Daventry, England	GSE	11.86
Khabarovsk, Russia	RV15	4.27	Cincinnati, Ohio	WXAL	6.06	Casablanca, Morocco	CNSMC	6.25	Schenectady, N. Y.	W2XAF	9.53	Pittsburgh, Pa.	WX8K	11.65
London, Canada	WEX	4.79	Philadelphia, Pa.	W3XAU	6.06	Bogota, Colombia	HJ3ABF	6.25	Zeezan, Germany	DJA	9.56	Paris, France	FYA	11.90
Long Island City, N. Y.	W2XV	4.79	Nairobi, Africa	V071	6.06	Call, Colombia	HJ5ABD	6.38	Springfield, Mass.	W1XAZ	9.57	Rabat, Morocco	CNR	12.85
Prague, Czechoslovak	OKPT1	5.19	Wellington, N. Z.	ZLZX	6.06	Quito, Colombia	HCI8R	6.38	Palm Bay, V.I.	W2XO	9.55	Chattanooga, N. Y.	W2XO	12.85
Bandoeng, Java	PMW	5.17	Vancouver, B. C.	VE9CS	6.07	Bound Brook, N. J.	W3XAL	6.39	Daventry, England	GSG	9.58	Bucharest, Roumania	YO1	12.95
New York, N. Y.	W2XHB	5.50	Vienna, Austria	U0R2	6.07	London, Ont.	VE9BY	6.43	Philadelphia, Pa.	W3XAU	9.59	Mexico City, Mexico	XDA	14.63
Tananarive, Madagascar	FIUI	5.69	Skamlebaek Denmark	OXY	6.07	Moscow, Russia	RW72	6.61	Sydney, Australia	VK2ME	9.59	Havana, Cuba	CMGK	15.01
Winnipeg, Canada	VE9CL	5.71	Chicago, Ill.	W9XAA	6.08	Riobamba, Ecuador	PRADO	6.62	Radio Nations, Switz.	HLB	9.59	Rome, Italy	HVJ	15.14
Mexico City, Mexico	XDA	5.86	St. Johns, N. B.	VE9BJ	6.09	Constantine, Algeria	F8KR	6.67	Lisbon, Portugal	CT1AA	9.60	Daventry, England	GSF	15.20
Tunja, Colombia	HJ2ABA	5.88	Bowmanville, Ont.	VE9GW	6.09	Guatemala City, Guat.	TGW	6.68	Heredia, Costa Rica	T14NRH	9.68	Zeezan, Germany	DJB	15.20
Medellin, Colombia	HJ4ABE	5.93	Johannesburg, S. Africa	TJTJ	6.10	Madrid, Spain	EA110	6.98	Madrid, Spain	EAQ	9.87	Pittsburgh, Pa.	WX8K	15.21
Barran'la, Colom.	HJ1ABB	5.94	Chicago, Ill.	W9XF	6.10	Manizales, Colom.	HJ4ABH	7.21	Buenos Aires, Argen.	LSX	10.35	Paris, France	FYA	15.24
Rome, Italy	HVJ	5.97	Bound Brook, N. J.	W3XAL	6.10	Tenerife, Canary Isl.	EA858	7.21	Paris, France	FYB	10.51	Coyville, N. J.	W2XAL	15.25
Bucharest, Roumania	()	6.00	Calcutta, India	VUC	6.11	Radio Nations, Switz.	HBQ	7.44	Funchal, Madeira	CT3AQ	11.81	New York, N. Y.	W2XE	15.27
Moscow, Russia	RW59	6.00	Calgary, Alta.	VE9CG	6.11	Bogota, Colombia	HKF	7.56	Paris, France	FYA	11.70	Schenectady, N. Y.	W2XAD	15.33
Barcelona, Spain	EAJ25	6.00	New Caracas, Venezuela	YV1BC	6.12	Bogota, Colombia	HJ3ABF	7.61	Winnipeg, Man.	VE9JR	11.72	Tokio, Japan	J1AA	15.49
Barranquilla, Colom.	HKD	6.00	Paris, France	FLE	6.12	Radio Nations, Switz.	HBQ	7.80	Eindhoven, Holland	PHI	11.73	Zeezan, Germany	DJE	17.77
Teagucigalpa, Hond.	HRB	6.00	Paris, France	FLE	6.12	Tokio, Japan	J1AA	7.88	Daventry, England	GSI	11.75	Eindhoven, Holland	PHI	17.77
Drummondville, Canada	VE9DR	6.00	Johannesburg, S. Africa	TJTJ	6.12	Guayaquil, Ecuador	HC2B	8.00	Zeezan, Germany	DJA	11.76	Daventry, England	GSG	17.77
Zeezan, Germany	DJC	6.02	Halifax, N. S.	VE9HX	6.12	Quito, Ecuador	HCJ8	8.11	Mexico City, Mexico	XDA	11.76	Bound Brook, N. J.	W3XAL	17.78
Mexico City, Mexico	XEW	6.03	Maracaibo, Vene.	YB118M	6.13	London, Ont.	VE9BY	8.65	Boston, Mass.	W1XAL	11.79	Chicago, Ill.	W9XF	17.78
Calgary, Alberta	VE9CA	6.03	Pittsburgh, Pa.	WX8K	6.14	Guatemala City, Guat.	TGX	8.93	Rome, Italy	I2RO	11.81	Pittsburgh, Pa.	WX8K	17.78
Miami Beach, Fla.	W4XB	6.04	Winnipeg, Man.	VE9CL	6.15	Rabat, Morocco	CNR	9.30	Bowmanville, Ont.	VE9GW	11.81	Chicago, Ill.	W9XAA	17.78
Boston, Mass.	W1XAL	6.04	Barranquilla, Colom.	HKA	6.15	Poznan, Poland	SRI	9.49	New York, N. Y.	W2XE	11.83	Boston, Mass.	W1XAL	21.46
Halifax, N. S.	VE9HX	6.05	Bogota, Colombia	HKC	6.20	Melbourne, Australia	VK2ME	9.51	Chicago, Ill.	W9XAA	11.83	Pittsburgh, Pa.	WX8K	21.46
Daventry, England	GSA	6.05	Rome, Italy	I2RO	6.22	Daventry, England	GSG	9.51						

ULTRA SHORT; ULTRA LONG

THE SHORT WAVES

This Line Illustrates a 6-Meter (50,000-Kilocycle) Wave Traveling 100 Cycles of 6 Meters Each or 600 Meters

This Line Illustrates a 60-Meter (5,000-Kilocycle) Wave Traveling 10 Cycles of 60 Meters Each or 600 Meters

This Line Illustrates a 100-Meter (3,000-Kilocycle) Wave Traveling 6 Cycles of 100 Meters Each or 600 Meters

THE LONG WAVES

This Line Illustrates a 200-Meter (1,500-Kilocycle) Wave Traveling 3 Cycles of 200 Meters Each or 600 Meters

This Line Illustrates a 300-Meter (1,000-Kilocycle) Wave Traveling 2 Cycles of 300 Meters Each or 600 Meters

This Line Illustrates one 600-Meter (500-Kilocycle) Wave for Purposes of Comparison

These lines are correct reproductions of the relative length of radio waves—from the ultra short (50,000 kilocycles) to the ultra long (500 kilocycles) just outside the broadcast band.

In North America, long wave broadcasting begins at 550 and ends at 1500 kilocycles; but in Europe, stations are assigned as high as 155 kilocycles. Short wave is generally known as the frequencies below 3000 kilocycles.

Why **WAVE LENGTHS (METERS) DECREASE** **As**
FREQUENCIES (CYCLES) INCREASE
Meters Multiplied By Cycles Must Equal
Distance the Wave Travels Per Second

As a kilocycle is equivalent to one thousand cycles, it will readily be seen that the ultra short wave illustrated at the top of this page, known as the 50,000 kilocycle wave, is in reality a 50,000,000 cycle wave, meaning that 50,000,000 is the number of cycles it makes in one second. As radio waves are known to travel 300,000,000 meters per second, it follows that a wave making 50,000,000 cycles per second must travel in cycles or waves of 6 meters each in order to travel at its given speed of 300,000,000 meters per second. This particular ultra-short wave is known either as a 50,000,000 cycle (or 50,000 kilocycles) wave, from the number of waves it makes a second, or as a 6-meter wave, the length of each wave so covered. Thus it is in each of the waves illustrated above. The number of cycles described by the wave multiplied by meters (the length of each wave) must equal the 300,000,000 meters each wave must travel in one second, bearing in mind that one kilocycle is the equivalent of 1,000 cycles. Thus do wavelengths (meters) and frequencies (kilocycles) increase and decrease conversely, not unlike the tall and the short man walking side by side. The latter takes more steps (kilocycles) but shorter ones (meters) than the tall man who takes fewer but longer steps and reaches his destination at the same time.

This illustration is presented, however, not to emphasize the theory of meter and kilocycle designation, but to illustrate the great difference between even the short waves themselves—the 100-meter wave and the ultra short 6-meter wave, which descends into an almost straight line of tiny pulsations.

So called short waves are below 100 meters and long waves, utilized for program broadcasting, above. Practically all broadcasting assignments are between the 500 kilocycle (600 meter) wave at the bottom and the 1500 kilocycle (200 meter) wave above, while practically all short wave broadcasting and commercial communications are carried on between the 6 and 100 meter bands.

It is interesting to note that the six waves, from the ultra-short to the ultra-long, actually travel the 600 meters as pictured above in a five hundred thousandth part of a second.

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