

THE DIALIST

APR.

OFFICIAL PUBLICATION
OF THE
NEWARK NEWS RADIO CLUB

1935



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A COPY

DOINGS OF THE DXERS
LOGS OF BROADCASTING STATIONS
EUROPEAN STATIONS
NEWS OF THE STARS
SHORT WAVE SCHEDULES

APRIL
VOLUME ONE

1935
NUMBER SIX

THE DIALIST

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CONTENTS

Frontispiece

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Editorial	2
Micro Chats	3
A Pioneer	5
Interesting Radio Calls	5
The DXers' Corner.....	6
Monthly Frequency Tests	8
Canadian Tests.....	10
The Month's Changes	10
European Stations	11
Studio Gossip	12
Broadcasting Stations (By Frequencies).....	14
Broadcasting Stations (By Call Letters).....	28
Spanish Veries	35
NNRC Ham Notes.....	36
Short Wave Notes	37
Principal Short Wave Stations of the World.....	38
Last Minute Changes	40
Hot Shots	40
NNRC Tips Periods	40

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EDITORIAL

A DXers ambition. To be able to say he has logged every station in the United States. How many have come close to that goal only to have a lot of new stations come on the air or to have a number change call. Insofar as we have been able to determine, no one has ever accomplished that feat but hope springs eternal in the human breast and still they try. Perhaps some one will succeed one of these days and he who does will have won for himself an unique distinction.

J. W. Brauner, 17 East Spring Street, Williamsville, N. Y.; Henry T. Tyndall, Burlington, Vt.; S. Ray Lewis, Toledo, O.; Milton P. Christa, Detroit, have come within reach of that achievement only to have their hopes thwarted by new stations and call changes, but to the latter goes the credit of having logged and verified every W station in this country.

However, what is one man's poison is to another's liking; especially those whose logs have not assumed the size of the above mentioned DXers, and who feel kindly disposed towards the Federal Communications Commission for the issuance of so many new licenses during the past year or so. New stations and call changes are welcome to the dial twisters endeavoring to qualify for the certificates of DX qualification of the various clubs and there is no doubt but that even the one with a log hovering around the 1,000 mark feels that DXing is given added zest when there is something new to dial for.

Summing up we would say that DXing is getting better every year. What with the South Americans, Europeans, Aussies and Zedders going in for power increases and newer and more efficient transmitters and equipment, the surface of DXing has only been scratched. Although this present DX season is just about over, we believe DXers are already looking forward to another and better one next Fall. Until then The Newark News Radio Club wishes you all a pleasant and enjoyable vacation from the dial.

NNRCers

The following have been admitted to membership in The Newark News Radio Club: Vernon R. Grassie, Duncan, British Columbia; Herman F. Arthur, Vancouver, British Columbia; Glen Warlow,



BOAKE CARTER

An exceedingly candid camera finds Boake Carter sitting coatless at his typewriter as he prepares his daily broadcast. The life of a commentator, judging from Carter's attitude, is no bed of roses.

Windsor, Ontario; Dr. W. B. Lain, Athens, Tex; Howard L. Booker, Jr., Antlers, Okla; Arthur L. Gerstner, South Chicago, Ill; Frank Strasser, Lafayette, Ind; O. S. Ellison, Lorain, O; Arnold Gerrard, Miamisburg, O; Ibbie Smith, Carroll, O; Mrs. Dessye Bannerman, Shreveport, La; Alexander L. Von Cannon, Richmond, Va; Arthur J. Parfitt, Villamont, Va; Edgar E. Heilprin, Port Deposit, Md; Earl Godfrey, Holyoke, Mass; Henry Bialoglowy, Bridgeport, Conn; O. E. Witherell, Oxford, N. Y; Jo Ranson, David A. Madders, Brooklyn, N. Y; Samuel Stutson, New York City, and in New Jersey—George R. Cox, Jr., Sparta; Frederick E. Bartholy, Rutherford; Mrs. Elizabeth Oppel, Mrs. Jean Koempel, Irvington; Mr. and Mrs. Jack T. Weller, Jane Owens, Arthur Lemke, Raymond McGuinness and Eugene Perlman, Newark.

KXYZ, Houston, Texas, has been granted an increase of power from 500 to 1,000 watts and are anxious for reports of reception.

Micro Chats

Georgia takes pardonable pride in its peaches and its Pickens sisters, Helen, Jane and Patti, whose harmonies are heard over the Columbia network each Sunday from 7:30 to 8:00 P. M., EST. Their simple arrangements reflect the influence of the negro spirituals and ballads the girls learned as children on their Macon plantation.

Ever since they can remember the sisters have been harmonizing. First, under the magnolia trees on lazy afternoons; then at church socials, parties and charity affairs; and now on the radio, in musical comedies and in motion pictures. At first Patti was too young to join in the harmonies of her other sisters, and the trio was comprised of Grace, Helen and Jane.

It was shortly after the family moved to Atlanta that they discovered the possibilities of Jane's voice. She was sent to the Curtis Institute of Music in Philadelphia where she learned all about theory, harmony and counterpoint. For two successive years Jane won the Marcella Sembrich Honorary Scholarship and was under the direct tutelage of that great singer. Meanwhile, Helen studied at the Atlanta Conservatory of Music, and her contralto voice developed a richness to equal that of Jane's mezzo-soprano.

A few years later both Jane and Helen were sent to Paris to put the finishing touches on their educations. Jane studied for one year at Fontainebleau with the famous maestro, Camille Decreus, and Helen took a course in costume designing. On their return they found Patti quite grown up and possessing a charming voice that harmonized perfectly with Jane's and Helen's. Once more three of the Pickens sisters combined to make one of the best harmony trios ever heard on the air, but this time it was Helen, Jane and Patti. Grace manages the business details of the trio and is always ready to substitute for any one of her sisters should she be taken ill.

+ +

It used to be Eleanor Holm, swimming champion and Olympic star. Now it's Eleanor Holm, radio contralto, who sings for NBC listeners from Chicago's College Inn with Art Jarrett's orchestra. The role of featured vocalist with her husband's band is a brand new one for Eleanor, who except for a few inter-



ALICE REINHART

A talented young lady who fills a variety of parts on one of Columbia's oldest programs "The True Story Court of Human Relations."

ludes during which she performed in Ziegfeld's Follies and appeared in vaudeville, has devoted most of her time to breaking one world's swimming record after another since 1927.

A Musical Pair

A flashing brunette with a world of personality and a rich contralto voice, she has learned vocal technique from Jarrett, whom she married a year and a half ago after a whirlwind courtship of three days in California. Art, a network maestro at twenty-six, climbed to fame as the "counter melody" vocalist with Ted Weems and as a radio and motion picture singer. Although singing is now Eleanor's first ambition, she does not intend to withdraw from active sports competition. She will take part in national meets and the books still list her as holder of practically every one of the world's backstroke records. Now only twenty-one years of age, Eleanor began swimming at the age of thirteen and started her assault on the world records in 1927 by setting a new medley mark in Buffalo while winning the national women's championship.

Although both Eleanor and Art were born in Brooklyn about four blocks from each other and their parents still live there, they didn't meet until 1930, at a New York radio studio where Jarrett was broadcasting. "Run along now", he told her. "You'll be a cute kid when you grow up." Eleanor was only sixteen then. They didn't see each other again until 1933 when Art was making pictures in Hollywood and singing at the Cocoanut Grove and Eleanor was giving an exhibition at the Ambassador pool in Los Angeles. This time Art came to see her and found that she had grown up. Seventy-two hours later she was Mrs. Jarrett. Eleanor is five feet two inches tall and weighs 115 pounds. She has hazel eyes and brown hair. And believe it or not, her favorite pastime is—swimming.

* *

News item! Actress Anne Seymour said radio singing was a snap. Singer Jane Froman said comedy was the soft spot.

"So a radio comedian has a soft job, eh Miss Froman?" questioned Phil Baker, who was knee deep in scripts in his apartment when he read what the dark-haired singer had to say about the soft jobs in radio. Miss Froman thought comics had the easiest time of all. "A laugh a day keeps the doctor away but it puts the laugh getter within a stone's throw of the bug house," the Jester went on. "Your program is over. The announcer says, 'This is the National Broadcasting Company'. (And then your headaches begin. What about next week's show? Your material writer brings in an idea. It is older than the antiques I am gathering for my home. It won't do. Sit down. Let's think. Your program was Friday night at 9:30. Here it is Wednesday and you are still thinking. Maybe, after an hour's writing, you have five minutes of comedy. But you got to have twelve by Thursday. What'll I do? becomes your theme song. You tear what is left of your hair. You think, your whole cast thinks—even Beetle thinks. Then it is Thursday, and the script is typed. Three rehearsals and the show goes on. The announcer says: 'This is the National Broadcasting Company', and again the show is over. You look around to see if anyone has drawn a pistol. Here comes somebody. 'Hello Phil,' he says, 'the show was all right, but not up to the one five weeks ago'. And Miss Froman thinks that's a soft job, eh? Now an orchestra leader—he has a real cinch!"

Don Bestor makes no bones about being a home body. When he is in New York he seldom has his meals anywhere but at home, where they are cooked to a turn by his wife, the former Frankie Klassen, who was a famous dancer before she married Don.

But the victuals are frequently shopped for and purchased by Don. One of the keen pleasures he gets out of life he claims, is to go to market with his eight year old daughter, Mary Ann. Together, they go to the grocer, the butcher and the bakery. Bestor is no mean cook, but holds himself a rank amateur in comparison to his wife. But on the air Don is supreme when he leads the orchestra on his programs with Jack Benny every Sunday at 7 P. M. EST., over an NBC-WJZ network.

* *

Marjorie Hannon, twenty-three year old star of "Sally of the Talkies" received a fan letter of particular interest to her the other day because it came from a man who fired her from an eight dollar a week job in a women's dress shop and indirectly caused her to enter radio and become the leading lady of a network program.

Marjorie, now heard over an NBC-WEAF network each Sunday at 3 P. M., EST., as "Sally Madison", had to pay her own way through dramatic school in Cincinnati. She got a job in a women's dress shop, clerking six hours a day and six days a week for eight dollars. When business was bad and no customers were in the shop Marjorie practiced her ballet dancing in the center aisle, imagining it as the proscenium of a magnificent theatre and the clothes dummies in the rear as the front row of an admiring audience. A real audience soon appeared, however, in the persons of curious passers-by, who stopped and gathered about the front window to gaze at the nimble-footed clerk. One day the boss came in in the middle of one of Marjorie's dances and discharged her forthwith.

Then Radio

She might have been compelled to leave school for lack of funds if a teacher hadn't suggested that she take an audition at WLW, Cincinnati. Marjorie did, and joined the staff. Among other microphone beginners there at the time were Jane Froman, Ramona, Anne Seymour and Virginia Payne, all of whom are now starred over NBC networks.

(Continued on Page 35)

A PIONEER

Since its beginning, February 22, 1922, and throughout its existence, WOR has been an outstanding leader in the independent broadcasting field. It has always attempted to bring to the listener the finest in symphonic and orchestral music. It has always been one of the first broadcasting companies to bring to its microphones outstanding personalities in the day's news, and has been a stepping stone for some of the finest radio talent.

Many of today's famous radio personalities were the first heard over WOR. To name a few the station can point with pride to Rudy Vallee, Paul Whiteman, Al Johnson, Phil Cook, Alexander Woolcott, John B. Kennedy, the Picken Sisters and Gertrude Niesen.

WOR was the first to broadcast concerts of the New York Philharmonic orchestra; it was the first to develop the "spot news" type of broadcast and to install remote control lines in every possible place where this type of program might be picked up.

The cavalcade of world personalities that have spoken into its microphones has been a never-ending stream of front page figures. The late Sir Thomas Lip-ton spoke from London; the late Harry Houdini, Peggy Hopkins Joyce, Thurston, the magician; the late Presidents Warren G. Harding and Calvin Coolidge, Mahatma Ghandi, Mrs. August Belmont, Charles Chaplin, and many outstanding national political figures have expressed opinions on myriads of subjects over WOR.

Aided Shenandoah

Several of the "spot" events WOR has presented have been recognized in the radio world as extremely ingenious. In January, 1924, the station played a dramatic role in aiding the giant airship Shenandoah, when the storm-battered ship was helplessly adrift in a driving gale and blinding fog. WOR broadcast a plea to all listeners to be on the lookout for the ship and if sighted to report it. Through the assistance of the station the ship was safely brought through the storm.

When the Lindbergh baby kidnaping occurred, WOR kept an anxious world posted on all developments as they happened. During the trial of Richard Bruno Hauptman, Gabriel Heatter talked on the air twice a day from WOR's remote control point at Flemington, giving

the highlights of the trial. On the night the jury brought in the verdict, WOR brought dramatic street noises and personalities to the mike and was the first station in the metropolitan district to bring the correct verdict to interested millions.

The dedication ceremonies of the interstate bridges between Elizabeth and Perth Amboy, the Bayonne Bridge and the George Washington Bridge were all heard over this station. To make the broadcast of the Elizabeth-Perth Amboy Bridge possible, WOR laid the longest temporary remote control line ever extended for a single radio broadcast.

When President Harding died in 1923, Jack Popple, chief engineer, went to the studio which was off the air at the time, turned on the apparatus and notified the nation of its tragedy.

Thus WOR has been foremost in radio endeavors for the past thirteen years. It is dedicated to continue to bring to its audience the best possible radio entertainment and service.

Interesting Radio Calls

KGW—Keep Growing Wiser
KHJ—Kindness, Happiness, Joy
WIP—Watch Its Progress
WDRC—Doolittle Radio Corp.
WESG—Elmira Star-Gazette
KWFF—Kilauea World Famous Volcano
CIGC—Canadian Joy Givers Club
WCLO—Camp Lake Oaks
WBIG—Where Business Is Good
WJAC—Johnstown Automobile Co.
CFCA—Canada's Finest Covers America
WADC—Watch Akron Develop Commercially
WFBL—When Feeling Blue, Listen
WCAU—Where Cheer Awaits U
WDAG—Where Dollars Always Grow
WPCH—Park Central Hotel
WGAL—World's Garden At Lancaster

Tim Ryan is finding the atmosphere of Joe Cook's new program, "Circus Night in Silvertown", much to his liking for it was with a carnival company that he began his career. He had just graduated from the lots to a touring musical and dramatic company when he met and married Irene Noblette, a member of the same troupe. His familiar "hi-yuh, boys" greeting was born on a carnival lot.

The DXers' Corner

Carl Forestieri, (The Bronx Owl) 463 East 185th Street, New York City, reports his verifications now total 770 of which 104 are in the 2,000 mile category. In six months Carl has acquired ninety-six confirmations of reception and he considers XEE, Durango, Mexico, a 20 watter, his best catch of the season. Since February 20 he has added IYA, W8XAR, CPX, KIBS, CHCK, KLO to complete his forty-first state—Utah: CP4, HHK, KYW, WMFJ, WAIM, WATR, CKCW WMFF and WIRE. Veries have been received from Rennes, France: CX26, CTIGL, XFX, KJBS, XEE, XELO, XEI, CRCW, W8XAR, KLCN, WHIO, W3XDD, KFRO, WMEX, CHCK, KLO, KYW, WFIL, KABN, CHMI and WMFF who answered in four days. Carl found it necessary to use the double post card method to procure verifications from KLCN, WMEX, WFIL, KFRO, KABN and WHIO.

At the beginning of the present DX season last September, Perry L. Hoskins, Spring Brook, Wis., set a goal of 100 verifications. To date he has received eighty-nine of that number which bring his total to 541. He lists HHK, TGW, LR5 and CJLS as his best catches this year. Perry asks: "How many have logged the new call of KSO, Des Moines, Ia., KRMT, 1320 kcs.? They come on the air at 7 A. M., EST!"

According to Ray E. Everly, 102 West Washington Street, Newton, Ill., KXA, Seattle, Wash., is on daily from 1 to 4 A. M., EST. KPCB, Seattle, that state, transmits from 9:30 A. M. to 6 A. M., the following day. Ray adds that CR-CV, Vancouver, British Columbia, is now using 500 watts and broadcasts daily until 1 A. M., EST.

Cubans and Mexicans

Carroll H. Weyrich, 4310 Evans Chapel Road, Baltimore, has resorted to the double post card method to secure his Cuban and Mexican delinquent verifications. The Cuban cards cost 35 cents for twenty-five and may be obtained by writing to Sr. Francisco Hierro, administrator, The Secretary de Comunicaciones, Administracion de Correos, Havana. Sr. Aleiandro P. Carrillo, Tuxpan 105, Mexico City, will forward the Mexican cards upon written request. The cost \$1.12 per hundred. It isn't necessary to purchase the entire 100 and Sr. Carrillo will supply the desired number at the amount charged him at his post office,

plus postage for first class, registered mail. Carroll procured sixteen for 40 cents which included postage.

Hedley Simmonds, 23 Clyde Street, Hamilton, Ontario, is getting along nicely in the DXing world. His log now totals 950 of which 851 are verified and he is awaiting replies from twelve others. Hedley's latest confirmations came from KYW, WNEL, WABY, WPAX, WEED, WDNC, KGIW, CJCB, XEWZ, KFRO, WHIO, WLNH, WAGF, WBN, NO, WJBO, KKKL, XFX, W3XDD, XELO, CRCW, KVOD, CMCJ, WFIL, CHCK, KJBS. Outstanding are CMOA, CMCU, WGPC and HHK which came through into Hamilton despite heavy static and local electrical disturbance.

Through reception of W2XR, Long Island City, N. Y., Dudley Clarke, 3411 Northcliffe Avenue, Montreal, has boosted his total to 479 of which 228, or approximately forty-one per cent are verified. Other recent additions are WRBX, CMHI and HHK. On the short waves Dud has added VK3LR.

Applegate Adds KRLC

Bill Applegate, 447 No. Waller Avenue, Chicago, added a new one the morning of March 26—KRLC, 1420 kcs., Lewiston, Ida., who were testing. Very few DXers have reported logging that one.

"DXing has fallen off here decidedly during the past month and I have very little to my credit for March", admits J. Kenneth Vetter, 964 Waukegan Road, Deerfield, Ill. "However, verifications arrived a few days ago from IYA and 4QG and I now have three TPs confirmed".

Robert E. Base, 4105 Alto Road, Baltimore, reports three additions for March—CFJC, CHCK and the short waver—HJ1ABA. New ones so far this month are KTW, WMFF, KGVO, WIRE, KABR and KIUI.

Although he has been DXing only since the latter part of 1934, Howard Booker, Antlers, Okla., has logged 215 BC stations of which twenty-two are verified and six more have been supplied with reports of reception; six SW stations in the U. S., and nine in foreign countries. Mr. Booker used a model 90 Philco which has recently been supplanted by a model 559, all-wave, nine-tube Atwater Kent.

Fred Schmidt's List

Counting only verified stations, Fred M. Schmidt, 1064 Clifford Avenue, Rochester, N. Y., has boosted his total up to 845 through acquisition of WLNH, TGW, CFNB, KWTO, WROK, WCHS, WH- EF, WNRA, WALA, WKOK, WSAJ, W2XR, KPAC, WLLH, KVOD, CFCH, CFQC, XEMO, WSGN, CJIC, WFAB, CJLS, CJRC, CJKL, CHSJ, CHNC, C- RCS, KADA, YVIRC, CMBC, KGDM, CRCK, WBNS, CJGX, VE9EK, WH- DL, CMJP, WHDF, WKZO, WOSU, WLB, KGFL, WJDX, WDNC, WNEL, WABY, KYW, WMBR, Radio Norman- die, CKOV, WBRB, KASA, WHJB, WJIM, CKUA, WCNW, WVFW, W- AGF, WGPC, WBNO, WACO, KLUF, WDAH, KONO, KOTN, WCOL, KF- PL, KGFG, WCRW, WMBH, KGHF, CP4, CPX, W9XBY, WOC, WTCN, WHBI, KIEM, CKX, KOL, KJBS, XEAF, KLX, XEU, WRAX, KLCN, CJCX, CMOX, WIXBS, WPAX, CF- PL, KABN, XFX, WHIO, KPPM, W8XAR, CHCK, CKCW and WMFF.

Has No Complaint

"Like Lloyd Hahn of Baltimore, I have no kick about this season's recep- tion", writes Henry T. Tyndall, Jr., 285 North Street, Burlington, Vt. "There has been more local QRM than ever be- fore but somehow or other stations came through and after all, that is what counts. The biggest thrill of this season was the way the TAs came in. I logged seven- teen new ones and all but Hamburg, Konigsburg, Genoa, Florence, Toulouse and Madrid have replied. The NNRC CPC, under the able direction of Louis Hahn, has performed nobly and that HHK special was his crowning achieve- ment. Alec Kinghorn has been handi- capped by continual strife down in Cuba but perhaps next season it will be differ- ent. I still have reports out to COX, CMBX, CMOX, CMOA, CMCQ, and CMJH. My verified Cuban total is 41. Since last Fall I have added the follow- ing South Americans: LS2, CP4, CX26 and YVIRC, all verified, and a report is out to CPX. Bill Applegate has done some wonderful work with the Cana- dians and I am indebted to him for CKBI and CKCW".

J. Herbrt Hyde, 902 Ouaker Lane, South, Elmwood, Conn., writes: "DX'ing wasn't so hot here the latter part of Feb- ruary and during March. One reason is that man-made interference of one kind or another was terrible and almost in- cessant. However, there has been a decided improvement the first week of April, especially on the 49 and 31 meter SW bands. Recent catches are YV6RV,



JULIA and FRANK

Presenting Julia Sanderson and Frank Crumit as audiences see them at the microphone.

HP5B, GSL, HJ4ABE, HJ4ABL, VK- 3LR, HJ1ABE, and on the BC band— XFX, CFCH, KTUL, CRCS, WLB, CFIC, WHB, WEHC, 10AK, CKCW, WWSW, WISN and W4XAJ. My heard log now stands at 490 with 213 verified. The reason for the difference in the heard and verified totals is that for several years I did not verify and only wish I had. At any rate, I am go- ing to try hard for an NNRC Super Ace certificate. DXers might be interested to know that W4XAJ, listed above, is the experimental station of the State Highway Patrol, 1666 kcs., 1,000 watts, Nashville, Tenn. I heard them conduct- ing field strength measurement tests. Their signal was loud, clear and free from any interference except slight static. I wonder if any of the boys have heard that station".

"Now that bootlegging is fast going out, the old copper coils of stills make a wonderful ground", volunteers Ailee (Owlgen) Jones, 260 South Mathilda Street, Pittsburgh. "They should be bur- ied about four or five feet deep and set vertical with a square wooden pipe drill- ed full of 1/2 inch holes and set in the middle of the coil and extending to the surface so that water may be poured in- to it to keep the ground moist. Coils from old water heaters will of course, do

(continued on page 34)

Monthly Frequency Tests

(Time is A.M., Eastern Standard; Frequencies in Kilocycles)

FIRST MONDAY

2.00 to 2.20	1500—WCNW, Brooklyn, N. Y.
	1310—WJAC, Johnstown, Pa.
2.10 to 2.30	1210—WEAS, White Plains, N. Y.
	1370—WRAK, Williamsport, Pa.
2.20 to 2.40	1500—WNBZ, Binghamton, N. Y.
	580—WCHS, Charleston, W. Va.
2.30 to 2.50	1420—WAGM, Presque Isle, Me.
	1370—WBTV, Danville, Va.
2.40 to 3.00	1200—WLVA, Lynchburg, Va.
	1310—WMFF, Plattsburg, N. Y.
2.50 to 3.10	1420—WHDL, Olean, N. Y.
	1310—WHAT, Philadelphia, Pa.
3.00 to 3.20	1200—WCAX, Burlington, Vt.
3.10 to 3.30	1500—WSYB, Rutland, Vt.
	1310—WTEL, Philadelphia, Pa.
3.20 to 3.40	1200—WIBX, Utica, N. Y.
3.30 to 3.50	1370—WQDM, St. Albans, Vt.
	1210—WKOK, Sunbury, Pa.
3.40 to 4.00	1310—WMBO, Auburn, N. Y.
3.50 to 4.10	1370—WABY, Albany, N. Y.
	1210—WBAX, Wilkes-Barre, Pa.
4.00 to 4.20	1220—WCAD, Canton, N. Y.
	1200—KOOS, Marshfield, Ore.
4.10 to 4.30	1210—WBBL, Richmond, Va.
	900—KGBU, Ketchikan, Alaska.
4.40 to 4.60	1290—WNBZ, Saranac Lake, N. Y.
	1310—WBRE, Wilkes-Barre, Pa.
	1260—KGVO, Missoula, Mont.
4.30 to 4.50	1500—KPQ, Wenatchee, Wash.
4.40 to 5.00	1310—WRAW, Reading, Pa.
	1210—KGY, Olympia, Wash.
4.50 to 5.10	940—WAAT, Jersey City, N. J.
	1370—KRKO, Everett, Wash.
5.00 to 5.20	570—WSYR-WSYU, Syracuse, N.Y.
	1200—KFSD, Nampa, Idaho.
5.10 to 5.30	600—WCAC, Storrs, Conn.
	1370—KVL, Seattle, Wash.
5.20 to 5.40	1310—KGEZ, Knappton, Mont.
5.30 to 5.50	1370—KUJ, Walla Walla, Wash.
5.40 to 6.00	1310—KGCX, Wolf Point, Mont.
5.50 to 6.10	780—KFQD, Anchorage, Alaska.
6.00 to 6.20	900—KSEI, Pocatello, Idaho.
6.10 to 6.30	1200—KYOS, Bellingham, Wash.
6.20 to 6.40	1310—KIT, Yakima, Wash.
6.30 to 6.50	1120—KRSC, Seattle, Wash.
6.40 to 7.00	1310—KXRO, Aberdeen, Wash.
6.50 to 7.10	1120—KFIO, Spokane, Wash.
7.00 to 7.20	1210—KFJI, Klamath Falls, Ore.
7.10 to 7.30	1310—KMED, Medford, Ore.
7.20 to 7.40	1420—KORE, Eugene, Ore.
7.40 to 8.00	1420—KRLC, Lewiston, Ida.

FIRST TUESDAY

2.00 to 2.20	1210—WPAN, Thomasville, Ga.
2.10 to 2.30	1200—WBHS, Huntsville, Ala.
2.20 to 2.40	1370—WHBQ, Memphis, Tenn.
2.30 to 2.50	1420—WEED, Rocky Mount, N. C.
2.40 to 3.00	1500—WOPI, Bristol, Tenn.
2.50 to 3.10	1320—WSMB, New Orleans, La.
3.00 to 3.20	1370—WMBR, Jacksonville, Fla.
3.10 to 3.30	1420—WNRA, Muscle Shoals, Ala.
3.20 to 3.40	1310—WSJS, Winston-Salem, N. C.
	1280—WCAM, Camden, N. J.

3.30 to 3.50	1500—WHEF, Kosciusko, Miss.
3.40 to 4.00	1200—KMLB, Monroe, La.
3.50 to 4.10	1370—WAGE, Dothan, Ala.
4.00 to 4.20	1200—KWG, Stockton, Calif.
	1290—WNEL, San Juan, P. R.
4.10 to 4.30	1310—WTJS, Jackson, Tenn.
	1500—KPJM, Prescott, Ariz.
4.20 to 4.40	1370—WPFB, Hattiesburg, Miss.
	1370—KERN, Bakersfield, Calif.
4.30 to 4.50	1420—WGPC, Albany, Ga.
	1500—KXO, El Centro, Calif.
4.40 to 5.00	1200—WBNO, New Orleans, La.
	1210—KIEM, Eureka, Calif.
4.50 to 5.10	1310—WROL, Knoxville, Tenn.
	1440—KLS, Oakland, Calif.
5.00 to 5.20	1500—WDNC, Durham, N. C.
	1420—KGIX, Las Vegas, Nev.
5.10 to 5.30	1200—WJBW, New Orleans, La.
	1320—KGMH, Honolulu, Hawaii.
5.20 to 5.40	1310—WAML, Laurel, Miss.
	1370—KRE, Berkeley, Calif.
5.30 to 5.50	1210—WSIX, Springfield, Tenn.
	750—KGU, Honolulu, Hawaii.
5.40 to 6.00	1370—KGAR, Tucson, Ariz.
5.50 to 6.10	1310—KCRJ, Jerome, Ariz.
6.00 to 6.20	1100—KGDV, Stockton, Calif.
6.10 to 6.30	1200—KSUN, Bismarck, N.D.
6.20 to 6.40	740—KTRB, Modesto, Calif.

FIRST WEDNESDAY

2.00 to 2.20	1310—WEBB, Buffalo, N. Y.
2.10 to 2.30	920—WPEN, Philadelphia, Pa.
2.20 to 2.40	1310—WSAJ, Grove City, Pa.
2.30 to 2.50	1410—WHIS, Bluefield, West Va.
2.40 to 3.00	1310—WFBG, Altoona, Pa.
2.50 to 3.10	880—WPHR, Petersburg, Va.
3.00 to 3.20	1370—WDAS, Philadelphia, Pa.
	1500—WKBB, East Dubuque, Ill.
3.10 to 3.30	1410—WRBX, Roanoke, Va.
	1200—WHEC, Canton, O.
	1420—KGIW, Alamosa, Colo.
3.20 to 3.40	1210—WMBG, Richmond, Va.
	1310—WTRC, Elkhart, Ind.
3.30 to 3.50	1370—KICA, Clovis, N. M.
	1370—WSVS, Buffalo, N. Y.
	1410—WRCM, Bay City, Mich.
3.40 to 4.00	1200—KGHI, Little Rock, Ark.
	1310—WGH, Newport News, Va.
	630—WGBF, Evansville, Ind.
3.50 to 4.10	1420—KIDW, Lamar, Colo.
	1210—WOCL, Jamestown, N. Y.
	1410—WRCK, Rockford, Ill.
	1200—KBTM, Jonesboro, Ark.
4.00 to 4.20	880—WQAN, Scranton, Pa.
	1310—WBOW, Terre Haute, Ind.
	1280—KFBB, Great Falls, Mont.
4.10 to 4.30	1430—WHEC, Rochester, N. Y.
	570—WOSU, Columbus, Ohio.
	1370—KGFL, Roswell, N. M.
4.20 to 4.40	1190—WSAZ, Huntington, W. Va.
	1310—WBEO, Marquette, Mich.
4.30 to 4.50	1500—WGAL, Lancaster, Pa.
	570—WKBN, Youngstown, Ohio.
	1250—WCAL, Northfield, Minn.

4.40 to 5.00	1970—WCAZ, Carthage, Ill.
	1200—KFJB, Marshalltown, Ia.
5.40 to 6.00	1370—KFRO, Longview, Tex.
4.50 to 5.10	1400—WIRE, Indianapolis, Ind.
	1420—WACO, Waco, Tex.
5.00 to 5.20	1070—WDZ, Tuscola, Ill.
	1200—KGDE, Fergus, Falls, Minn.
5.10 to 5.30	990—WLBL, Stevens Point, Wis.
	1250—WLB, Minneapolis, Minn.
5.20 to 5.40	890—WBAA, West Lafayette, Ind.
	1200—WIL, St. Louis, Mo.
5.30 to 5.50	1440—WTAD, Quincy, Ill.
	1320—KGHF, Pueblo, Colo.
5.40 to 6.00	1240—WXYZ, Detroit, Mich.

FIRST THURSDAY

2.00 to 2.20	1210—WSOC, Charlotte, N. C.
2.10 to 2.30	1420—WSPA, Spartanburg, S. C.
2.30 to 2.50	1310—WSGN, Birmingham, Ala.
2.40 to 3.00	1420—WJBO, Baton Rouge, La.
2.50 to 3.10	1210—WGCM, Mississippi City, Miss.
3.00 to 3.20	1500—WRDW, Augusta, Ga.
	1200—WHBY, Green Bay, Wis.
	1310—WDAH, El Paso, Tex.
3.10 to 3.30	1240—WKAQ, San Juan, P. R.
	1420—WJMS, Ironwood, Mich.
	1370—KLUF, Galveston, Tex.
3.20 to 3.40	1360—WCSC, Charleston, S. C.
	1210—WEDC, Chicago, Ill.
	1310—KTSM, El Paso, Tex.
3.30 to 3.50	1440—WBIG, Greensboro, N. C.
	1370—KGKL, San Angelo, Tex.
3.40 to 4.00	1340—WCOA, Pensacola, Fla.
	1210—WSBC, Chicago, Ill.
	1310—KFPN, Greenville, Tex.
3.50 to 4.10	1360—WQBC, Vicksburg, Miss.
	1420—KFIZ, Fond du Lac, Wis.
	1370—KMAC, San Antonio, Tex.
4.00 to 4.20	580—WDBO, Orlando, Fla.
	1210—WEBQ, Harrisburg, Ill.
	1310—KFYO, Lubbock, Tex.
4.10 to 4.30	1430—WNBR, Memphis, Tenn.
	1200—WMPC, Lapser, Mich.
	1370—KONO, San Antonio, Tex.
4.20 to 4.40	560—WQAM, Miami, Fla.
	1210—WHBF, Rock Island, Ill.
	1420—KABR, Aberdeen, S. D.
4.30 to 4.50	1220—WDAE, Tampa, Fla.
	1500—WKBB, Muskegon, Mich.
	1370—KFJM, Grand Forks, N. D.
4.40 to 5.00	1310—KIJJ, Sante Fe, N. M.
	1210—WCBS, Springfield, Ill.
4.50 to 5.10	1370—KGFK, Boone, Ia.
	880—WCOC, Meridian, Miss.
	1500—WKBY, Richmond, Ind.
5.00 to 5.20	1300—WIOD, Miami, Fla.
	1210—WTAX, Springfield, Ill.
	1230—KGBX, Springfield, Mo.
5.10 to 5.30	1260—WTOG, Savannah, Ga.
	1370—WHBD, Portsmouth, Ohio
	1420—KCMC, Texarkana, Ark.
5.20 to 5.40	1210—WHBU, Anderson, Ind.
5.30 to 5.50	1370—WIBM, Jackson, Mich.
	1420—KGFF, Shawnee, Okla.
5.40 to 6.00	1210—WOMT, Mantowoc, Wis.
	1500—KNOW, Austin, Tex.

FIRST FRIDAY

3.00 to 3.20	1210—WJW, Akron, O.
	1310—KRMD, Shreveport, La.
3.10 to 3.30	1420—WPAD, Paducah, Ky.
	1500—KOTN, Pine Bluff, Ark.
3.20 to 3.40	1210—WCOL, Columbus, O.
	1310—KFXR, Oklahoma City, Okla.
3.30 to 3.50	1420—WELL, Battle Creek, Mich.
	1200—KGEK, Sterling, Colo.
3.40 to 4.00	1210—WALR, Zanesville, O.
	1310—KFPL, Dublin, Tex.
3.50 to 4.10	1420—WMBC, Detroit, Mich.
	1200—WCAT, Rapid City, S. D.
4.00 to 4.20	1310—WEDE, Flint, Mich.
	1240—KGCN, Mandan, N. D.
4.10 to 4.30	1200—WFBE, Cincinnati, O.
	1370—KWYO, Sheridan, Wyo.
4.20 to 4.40	1450—WGAK, Cleveland, O.
	1240—KLPM, Minot, N. D.
4.30 to 4.50	1200—WCLO, Janesville, Wis.
	1370—KGFG, Oklahoma City, Okla.
4.40 to 5.00	1310—WCLS, Joliet, Ill.
	1420—KABC, San Antonio, Tex.
4.50 to 5.10	1200—WJBL, Decatur, Ill.
	1370—KFJZ, Fort Worth, Tex.
5.00 to 5.20	1500—WJBK, Detroit, Mich.
5.10 to 5.30	1210—WBHU, Poyette, Wis.
	1500—KGFI, Corpus Christi, Tex.
5.20 to 5.40	1370—WHDF, Laurium, Mich.
	1420—WLBK, Kansas City, Kan.
5.30 to 5.50	1210—WCWW, Chicago, Ill.
	1500—KGKB, Tyler, Tex.
5.40 to 6.00	1330—WTAQ, Eau Claire, Wis.
	1420—WMBH, Joplin, Mo.
5.50 to 6.10	1210—WJIM, Lansing, Mich.

FIRST SATURDAY

2.10 to 2.30	1210—WBRB, Red Bank, N. J.
2.20 to 2.40	1500—WWRL, Woodside, N. Y.
2.30 to 2.50	1210—WGNV, Chester Twp. N. Y.
2.40 to 3.00	1500—WMBQ, Brooklyn, N. Y.
2.50 to 3.10	1210—WGBB, Freeport, N. Y.
3.00 to 3.20	1430—WOKO, Albany, N. Y.
	1200—WJBC, Normal, Ill.
	1290—KTRH, Houston, Tex.
3.10 to 3.30	1370—WGL, Fort Wayne, Ind.
	1210—KFPW, Fort Smith, Ark.
3.20 to 3.40	810—WNYC, New York City.
	1200—WWAE, Hammond, Ind.
	1120—WTAW, College Station, Tex.
3.30 to 3.50	1130—WQV, New York City.
	1310—WLBC, Muncie, Ind.
	1210—KASA, Elk City, Okla.
3.40 to 4.00	1180—WINS, New York City.
	1200—WFAM, South Bend, Ind.
	1270—KWLC, Decorah, Ia.
3.50 to 4.10	1280—WCAP, Asbury Park, N. J.
4.00 to 4.20	610—WJAY, Cleveland, O.
	1270—KGCA, Decorah, Ia.
4.10 to 4.30	1280—WTNJ, Trenton, N. J.
	1430—WBNS, Columbus, O.
	1210—KFVS, Cape Girardeau, Mo.
4.20 to 4.40	920—WWJ, Detroit, Mich.
	780—KGHL, Billings, Mont.
	1310—WLNH, Laconia, N. H.
4.30 to 4.50	1380—KQV, Pittsburgh, Pa.
	1210—KDLR, Devils Lake, N. D.

4.40 to 5.00	1420—WLAP, Lexington, Ky.
4.50 to 5.10	1380—WSMK, Dayton, O.
	1200—KFJ, Grand Junction, Colo.
5.00 to 5.20	940—WAVE, Louisville, Ky.
	560—KFDM, Beaumont, Tex.
5.10 to 5.30	1320—WADC, Akron, O.
	1210—KWTN, Watertown, S. D.
5.20 to 5.40	1340—WSPD, Toledo, O.
	760—WEW, St. Louis, Mo.
5.30 to 5.50	1210—KWEA, Shreveport, La.
5.40 to 6.00	880—WSUI, Iowa City, Ia.
5.50 to 6.10	1230—KGGM, Albuquerque, N. M.

FIRST SUNDAY

3.00 to 3.20	1290—KLON, Blytheville, Ark.
3.30 to 3.50	1440—KXYZ, Houston, Tex.
3.50 to 4.10	1400—KTUL, Tulsa, Okla.
4.00 to 4.20	1260—KPAC, Port Arthur, Tex.
4.10 to 4.30	1340—KGDY, Huron, S. D.
4.20 to 4.40	1260—KRGV, Weslaco, Tex.
4.50 to 5.10	890—KARK, Little Rock, Ark.
5.00 to 5.20	1240—KGKO, Wichita Falls, Tex.
5.20 to 5.40	1010—WNAD, Norman, Okla.
5.40 to 6.00	1260—KUOA, Fayetteville, Ark.

CANADIAN TESTS

Following is a list of eastern Canadian stations required to transmit special test programs the 19th and 20th of each month for the CRC monitor at Ottawa. Time is A. M., and Eastern Standard:

1.11 to 1.19	CHNS, 930 kes., Halifax Nova Scotia.
1.21 to 1.29	CFY, 630 kes., Charlottetown, P. E. I.
1.31 to 1.39	CJLS, 1310 kes., Yarmouth, Nova Scotia.
1.41 to 1.49	CRCS, 950 kes., Chicoutimi, Quebec.
1.51 to 1.59	CHSJ, 1120 kes., St. John, N. B.
2.01 to 2.09	CFNB, 550 kes., Fredericton, N. B.
2.11 to 2.19	CHRC, 580 kes., Quebec City, Quebec.
2.21 to 2.29	CFCH, 930 kes., North Bay, Ontario.
2.31 to 2.39	CFPL, 730 kes., London, Ontario.
2.41 to 2.49	CJKL, 1310 kes., Kirkland Lake, Ontario.
	CKCL, 580 kes., Toronto, Ontario.
3.01 to 3.09	CKTB, 1200 kes., Port Dalhousie, Ontario.
3.11 to 3.19	CHNC, 1210 kes., New Carlisle, Quebec.
3.21 to 3.29	CKNC, 1410 kes., Toronto, Ontario.
3.31 to 3.39	CFCO, 1050 kes., Chatham, Ontario.

THE MONTH'S CHANGES

DELETIONS

980	XEAE, Tijuana, B. C., Mexico
1200	WNBO, Washington, Pa.
1430	KWCR, Des Moines, Iowa

FREQUENCIES

600	CMW, Havana, Cuba, from 930
660	CMCX, Havana, Cuba, from 860
680	CMCQ, Havana, Cuba, from 600
720	CMJO, Ciego de Avila, Cuba, from 1010
730	CMAF, Havana, Cuba, from 680
760	CMJK, Camaguey, Cuba, from 790
770	CMBB, Havana, Cuba, from 780
790	CMOA, Havana, Cuba, from 1175
810	CMHW, Cienfuegos, Cuba, from 910
920	CMX, Havana, Cuba, from 880
940	CMBC, Havana, Cuba, from 1030
1010	CMJG, Camaguey, Cuba, from 1050
1030	CMCY, Havana, Cuba, from 1100
1060	CMK, Havana, Cuba, from 730
1070	CMHA, Sagua la Grande, Cuba, from 1103
1110	CMCO, Havana, Cuba, from 1280
1140	CMBG, Havana, Cuba, from 1150
1150	CMJF, Camaguey, Cuba, from 930
1180	CMHJ, Cienfuegos, Cuba, from 1125
1210	CMHI, Santa Clara, Cuba, from 1037
1230	CMCB, Havana, Cuba, from 1060
1250	CMKC, Santiago, Cuba, from 1034
1255	CMCG, Havana, Cuba, from 1380
1270	CMHD, Caibarien, Cuba, from 950
1280	CMCU, Havana, Cuba, from 1255
1280	KFBB, Great Falls, Mont., from 610
1330	CMHK, Cruces, Cuba, from 1225
1350	CMCA, Havana, Cuba, from 1230
1360	CMJH, Ciego de Avila, Cuba, from 1150
1380	CMBX, Havana, Cuba, from 1440
1390	CMJC, Camaguey, Cuba, from 1382
1410	CMCR, Havana, Cuba, from 1400
1420	CMGI, Colon, Cuba, from 1094
1430	CMJP, Moron, Cuba, from 1360
1460	CMKF, Holquin, Cuba, from 1363

NEW STATIONS AND CALLS

610	KINY, Juneau, Alaska
1210	KIUO, Ardmore, Okla.
1310	WISC, Milwaukee, Wis.
1310	WCMI, Ashland, Ky. (was WMFP)
1400	WIRE, Indianapolis, Ind. (was WKBF)
1420	KABR, Aberdeen, S. D. (was KABN)
1420	KIUN, Pecos, Texas
1420	KWBG, Hutchinson, Kansas
1430	KENT, Des Moines, Ia.
1500	KPLC, Lake Charles, La.
1500	WTMV, East St. Louis, Ill.

POWER

600	WICC, Bridgeport, Conn., from 500 to 1000
610	WIP, Philadelphia, Pa., from 1000 to 500
680	HJN, Bogota, Colombia, from 500 to 1000
680	WPTF, Raleigh, N. C., from 5000 to 1000
770	KFAB, Lincoln, Nebr., from 5000 to 10000
770	WBBM, Chicago, Ill., from 25000 to 50000
1250	WDSU, New Orleans, La., from 1000 to 1500
1320	KGMB, Honolulu, Hawaii, from 250 to 1000
1420	WELL, Battle Creek, Mich., from 50 to 100

LOCATION

1500	KGFK, to Duluth, Minn.
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European Stations

By JOHN J. BAXTER

Station	Country	Power in Watts	Meters	Kes.
Budapest	Hungary	120,000	549.5	546
Beromunster	Switzerland	100,000	539.6	556
Athlone	Ireland	60,000	531	565
Stuttgart	Germany	100,000	522.6	574
Riga	Latvia	15,000	514.6	583
Grenoble	France	15,000	514.6	583
Vienna	Austria	100,000	503.8	592
Rabat	Morocco	25,000	499.2	601
Sundsvall	Sweden	10,000	499.2	601
Florence	Italy	20,000	491.8	610
Brussels No. 1	Belgium	15,000	483.9	620
Cairo	Egypt	20,000	483.9	620
Trondelag	Norway	20,000	476.9	629
Lisbon	Portugal	15,000	476.9	629
Prague No. 1	Czechoslovakia	120,000	470.2	638
Lyons (La Doua)	France	15,000	463	648
Petrozavodsk	U. S. S. R.	10,000	463	648
Cologne	Germany	100,000	455.9	658
North Regional	England	50,000	499.1	668
Sottens (Radio Suisse Romande)	Switzerland	25,000	443.1	677
Paris P. T. T.	France	7,000	431.7	695
Stockholm	Sweden	55,000	426.1	704
Rome	Italy	50,000	420.8	713
Kiev	U. S. S. R.	36,000	415.3	722
Tallinn	Estonia	20,000	410.4	731
Munich	Germany	100,000	405.4	740
Marseilles	France	5,000	400.5	749
Katowice	Poland	12,000	395.8	758
Scottish Regional	Scotland	25,000	391.1	767
Leipzig	Germany	100,000	382.2	785
Barcelona	Spain	5,000	382.2	785
Lwow	Poland	16,000	377.4	795
West Regional	England	50,000	373.1	804
Milan No. 1	Italy	50,000	368.6	814
Bucharest	Roumania	12,000	364.5	823
Moscow	U. S. S. R.	100,000	360.6	832
Berlin	Germany	100,000	356.7	841
Simferopolo	U. S. S. R.	10,000	349.2	859
Strasbourg	France	25,000	349.2	859
London Regional	England	50,000	342.1	877
Graz	Austria	7,000	338.6	886
Helsinki	Finland	10,000	335.2	895
Hamburg	Germany	100,000	331.9	904
Radio Toulouse	France	60,000	328.6	913
Brno	Czechoslovakia	32,000	325.4	922
Brussels No. 2	Belgium	15,000	321.9	932
Algiers	North Africa	12,000	318.8	941
Goteborg	Sweden	10,000	318.8	941
Breslau	Germany	100,000	315.8	950
Poste Parisien	France	100,000	312.8	959
Odessa	U. S. S. R.	10,000	309.9	968
Belfast	Ireland	50,000	307.1	977
Genoa	Italy	10,000	304.3	986
Touen	Poland	16,000	304.3	986
Hilversum	Holland	20,000	301.5	995
Bratislava	Czechoslovakia	13,500	298.8	1004
Midland Regional	England	50,000	296.2	1013
Heilsberg	Germany	17,000	291	1031
Paredo (CTIGL)	Portugal	5,000	291	1031
Rennes	France	120,000	288.5	1040
Scottish National	Scotland	50,000	285.7	1050
Bordeaux Lafayette	France	12,000	278.6	1077
Madrid (EAJ7)	Spain	7,000	274	1095
Vinnitsa	U. S. S. R.	10,000	274	1095
Madona	Latvia	50,000	271.7	1104
Moravska-Ostrava	Czechoslovakia	11,200	269.5	1113
Horby	Sweden	10,000	265.3	1131
Turin	Italy	7,000	263.2	1140
London National	England	50,000	261.1	1149
North National	England	50,000	261.1	1149
West National	England	50,000	261.1	1149
Monte Cerini	Switzerland	15,000	257.1	1167
Copenhagen	Denmark	10,000	255.1	1178
Frankfurt-am-Main	Germany	17,000	251	1195
Freiburg-im-Breisgau	Germany	5,000	251	1195
Prague No. 2	Czechoslovakia	5,000	249.2	1204
Lille (Radio PTT Nord)	France	5,000	247.3	1213
Trieste	Italy	10,000	245.5	1222
Gleiwitz	Germany	5,000	243.7	1231
Montpellier (PTT)	France	5,000	224	1339
Radio-Lyons	France	5,000	215.4	1393
Radio Normandie	France	10,000	206	1456

Studio Gossip

Colonel Stoopnagle and Budd were having luncheon in a restaurant near the studios of WABC. Suddenly the Colonel leaned toward Budd and whispered: "Don't look now, but two fellows are just going out the door and one of them has your hat on."

"Singin' Sam" heard over the Mutual Broadcasting System and WOR, weekly, has announced his permanent settlement near Cincinnati, where he has bought a 250 acre farm. This fills a long cherished ambition of Sam, who is an exponent of the back to the farm movement.

In tribute to the work they have done in promoting the welfare of amateur entertainers, the new Association of Radio Amateurs has presented a scroll to Arnold Johnson, conductor, and Ray Perkins, master of ceremonies, of Columbia's "National Amateur Night" broadcasts. Johnson is giving free musical advice to two non-professionals who he believes have exceptional talent. Carl Good is president of the amateur association, which aims to provide for the employment of a musical, vocal and dramatic coach for its members and the organization of regional branches throughout the United States.

Connie a DXer

Connie Gates, popular Columbia songstress, is learning all about short wave radio, and she has hit upon a novel way of memorizing the code. She sings the dots and dashes, generally while walking along the street. She says the code often fits into interesting rhythms.

Years ago Irving (Lazy Dan) Kaufman was billed as a child actor in Hagersville, Ont., where he played "Itsky, the Russian Midget". And it was a cold homecoming for Irving when he made a return appearance at the same theatre recently. When he was "Itsky" he always had to break the ice in the alley horse-trough to wash off the grease paint. He found, in his 1935 Hagersville appearance that the routine was the same, and he used the same old horse-trough.

A Persian cat of which Lucille Peterson, contralto on the WOR Musical Memory Book, is very fond, broke away from its leash the other evening while she was walking the pet along Central Park, South. The cat, having been badly scared by a dog, climbed a tree in double-time order. After coaxing



JIMMY WALLINGTON

Jimmy isn't making a face nor trying to amuse anyone. He is just using a radio sign language to tell a control room engineer that it is time to ring the chimes for WJZ's station announcement.

the animal for an hour, using every type of persuasion with no apparent response, Lucille was compelled to call the fire department. They responded with a hook and ladder and after a tussle and a few scratches the cat was returned to its grateful owner.

Bad Medicine

Fritz Ciark, end man of the Greater Minstrels, has been getting a laugh from Monday evening listeners all these years with his famous catch line, "My Mammy Calls Me T-Bone". But that's the only kind of a bone it is safe to mention in Fritz' presence. It is particularly unwise to mention shoulder bones in the presence of this six-foot, 215 pound member of the minstrel troupe. For, if it hadn't been for the misfortune of a dislocated shoulder bone, Fritz might have become a big league baseball player instead of a radio entertainer. While in school he was considered one of the best pitchers ever developed at Valparaiso University and at the end of his junior year was offered a tryout with the Chicago White Sox the following Spring. But Fritz also played basketball and dur-

ing his final season he suffered the shoulder injury and had several tendons badly pulled, thus ending all hopes for baseball stardom.

Larry Harding and Frank (The Shadow) Readick joined a friendly poker game after a recent "Shadow" broadcast. Came a point when Readick had a pair of aces showing and Harding displayed three queens. After a ponderous few moments of tense silence, Larry suddenly began stroking imaginary mustaches, and growled: "Heh, heh, heh, heh, heh! The Shadow knows! But he doesn't know what card I've got in the hole. Raise!"

When Arthur Bagley, well known director of early morning gym classes leaves the air the latter part of April, John Gambling, WOR's amiable exerciser, will be conducting the only early morning gym class in the metropolitan area. This feature has long been a favorite of the radio audience and is eagerly awaited each morning by thousands of WOR listeners.

Maxwell Turner, Columbia announcer recently assigned to CBS in New York from WEAN, the network's Providence, R. I., outlet, arrived well-equipped to take care of himself in repartee. But he found himself no match for David Ross, who can quip with the best of them. As they were introduced the following exchange was heard:

Ross: And where are you from, Mr. Turner?

Turner: I was weaned at WEAN.

Ross: Oh, so you came to New York to learn your WABC's?

Jessica Dragonette is in demand by her friends to tell their fortunes in the cards. She has uncanny skill for telling events that way. Perhaps it is because she was born in the land of mystics—India. . . . In ten years Willard Robinson has composed more than a thousand Deep River melodies. . . . Frank Black, master musician at Radio City, does most of his musical arranging at night pillow-propped in bed. . . . What's in a name? Plenty, in the case of Don Mario, tenor of the Penthouse Serenade program on NBC. His full name is Jose Francisco Antonio Ildelberto Israel Alvarez del Rio Loyola. He was born in Cuba, the son of a wealthy sugar man, and educated in the United States. He speaks five languages.

Joe Bolton, WOR announcer, was recently featured in a New York newspaper comic strip as the picker of a win-

ning horse for the day. Bolton announces to all and sundry, but not via the microphone, that he doesn't bet on the galloping nags and can't imagine where they got his name.



FRED and LOIS

"The beginning of every Town Hall show is the script," Fred Allen is telling Lois Elliman, young social registrite who recently turned nightclub singer.

Edwin Jerome, one of the most capable actors on the CBS "March of Time" and other dramatic programs, boasts of a background colored by the ancient and respected art of clowning. Jerome is a New Yorker by birth but studied for the stage at the Conservatoire de Paris. He went to Spain later, and King Alfonso appointed him premier clown of the Grand Circus Barcelona. Ed, by the way, is the son of the former Emily McDonalds who were noted for generations as race horse trainers, and he is one of the most popular personalities around the studios of WABC.

Ozzie Nelson, who supplies the music background for the Joe Penner programs is taking violin lessons. Although the bandsman plays the saxophone, guitar, piano, bass fiddle, banjo and drums, the violin is the first instrument he has had to take instruction for. The others he learned to play by ear.

Broadcasting Stations

(BY FREQUENCIES)

HEARD VERIFIED

540 Kilocycles 555.2 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CJRM	Moose Jaw, Sask.	1000	Jas. Richardson & Sons, Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	HAL	Budapest, No. 2, Hungary	548 120000	

550 Kilocycles 545.1 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CFNB	Fredericton, N. B.	500	Jas. S. Neill & Sons, Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	KFUO	St. Louis, Mo.	500	Evangelical Lutheran Church.
<input type="checkbox"/>	<input type="checkbox"/>	KFYR	Bismarck, N. D.	1000	Mayer Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	KOAC	Corvallis, Ore.	1000	Oregon State Agr. College.
<input type="checkbox"/>	<input type="checkbox"/>	KSD	St. Louis, Mo.	500	Pulitzer Publishing Co.
<input type="checkbox"/>	<input type="checkbox"/>	KTSA	San Antonio, Tex.	1000	Southwest Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	TISO	San Jose, Costa Rica	250	P. F. Saborio.
<input type="checkbox"/>	<input type="checkbox"/>	WDEV	Waterbury, Vt.	500	Harry C. Whitehill.
<input type="checkbox"/>	<input type="checkbox"/>	WGR	Buffalo, N. Y.	1000	Buffalo Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WKRC	Cincinnati, Ohio	1000	WKRC, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WSVA	Staunton, Va.	500	Marion K. Gilliam.
<input type="checkbox"/>	<input type="checkbox"/>		Beromunster, Switz.	556 120000	

560 Kilocycles 535.4 Meters

<input type="checkbox"/>	<input type="checkbox"/>	KFDM	Beaumont, Texas	500	Sabine Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	KLZ	Denver, Colo.	1000	Reynolds Radio Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	KTAB	San Francisco, Cal.	1000	Associated Broadcasters, Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	KWTO	Springfield, Mo.	1000	KGBX, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	TGW	Guatemala City, Gua.	10000	Radio Nacional de Guatemala
<input type="checkbox"/>	<input type="checkbox"/>	WFIL	Philadelphia, Pa.	500	WFIL Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WIND	Gary, Ind.	1000	Johnson-Kennedy Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WNOX	Knoxville, Tenn.	1000	WNOX, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WQAM	Miami, Fla.	1000	Miami Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	XEAO	Mexicali, B. C.	250	Luis L. Castro.
<input type="checkbox"/>	<input type="checkbox"/>	2CO	Corowa, Aust.	5000	

570 Kilocycles 526.0 Meters

<input type="checkbox"/>	<input type="checkbox"/>	HIX	Santo Domingo, D. R.	1000	Dominican Republic, J. R. Saladin, Dir.
<input type="checkbox"/>	<input type="checkbox"/>	KMTR	Hollywood, Cal.	1000	KMTR Radio Corp.
<input type="checkbox"/>	<input type="checkbox"/>	KTAT	Fort Worth, Texas	1000	Southwest Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	KVI	Tacoma, Wash.	1000	Puget Sound Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WKBN	Youngstown, Ohio	500	WKBN Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WMCA	New York, N. Y.	500	Knickerbocker Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WNAX	Yankton, S. D.	1000	The House of Gurney, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WOSU	Columbus, Ohio	750	Ohio State University
<input type="checkbox"/>	<input type="checkbox"/>	WSYR	Syracuse, N. Y.	250	Central New York Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WSYU	Syracuse, N. Y.	250	Syracuse University
<input type="checkbox"/>	<input type="checkbox"/>	WWNC	Asheville, N. C.	1000	Citizen Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	2YA	Wellington, N. Z.	5000	New Zealand Broadcasting Board
<input type="checkbox"/>	<input type="checkbox"/>		Stuttgart, Germany	574 100000	Rundfunk Stuttgart.

580 Kilocycles 516.9 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CHRC	Quebec, Que.	100	CHRC, Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	CKCL	Toronto, Ont.	100	Dominion Battery Co., Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	CKUA	Edmonton, Alta.	500	University of Alberta.
<input type="checkbox"/>	<input type="checkbox"/>	KMJ	Fresno, Cal.	500	James McClatchy Co.
<input type="checkbox"/>	<input type="checkbox"/>	KSAC	Manhattan, Kans.	500	State College of Agriculture.
<input type="checkbox"/>	<input type="checkbox"/>	WCHS	Charleston, W. Va.	500	Charleston Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WDBO	Orlando, Fla.	250	Orlando Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WIBW	Topeka, Kans.	1000	Topeka Broadcasting Assn., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WTAG	Worcester, Mass.	500	Worcester Telegram Pub. Co.

590 Kilocycles 508.2 Meters

<input type="checkbox"/>	<input type="checkbox"/>	KHQ	Spokane, Wash.	1000	Louis Wasmer, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	LS10	Buenos Aires, Arg.	2870	"Radio America"
<input type="checkbox"/>	<input type="checkbox"/>	WEEI	Boston, Mass.	1000	Edison Electric Illuminating Co.
<input type="checkbox"/>	<input type="checkbox"/>	WKZO	Kalamazoo, Mich.	1000	John E. Fetzner.
<input type="checkbox"/>	<input type="checkbox"/>	WOW	Omaha, Neb.	1000	Woodmen of the World.
<input type="checkbox"/>	<input type="checkbox"/>	XEPN	Piedras Negras, Coah.	50000	Piedras Negras Broadcasting Co.

600 Kilocycles 499.7 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CFCF	Montreal, Que.	500	Canadian Marconi Co.
<input type="checkbox"/>	<input type="checkbox"/>	CJOR	Vancouver, B. C.	500	G. C. Chandler.
<input type="checkbox"/>	<input type="checkbox"/>	CMW	Havana, Cuba	1400	Troncosa y Gil.
<input type="checkbox"/>	<input type="checkbox"/>	CRCW	Windsor, Ont.	500	Canadian Radio Com.
<input type="checkbox"/>	<input type="checkbox"/>	KFSD	San Diego, Cal.	1000	Airfan Radio Corp., Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	WCAC	Storrs, Conn.	500	Connecticut State College.
<input type="checkbox"/>	<input type="checkbox"/>	WCAO	Baltimore, Md.	500	Monumental Radio Co.
<input type="checkbox"/>	<input type="checkbox"/>	WICC	Bridgeport, Conn.	1000	Southern Connecticut Broadcasting Corp.

<input type="checkbox"/>	<input type="checkbox"/>	WMT	Cedar Rapids, Iowa	1000	Waterloo Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WREC	Memphis, Tenn.	1000	WREC, Inc.
610 Kilocycles 491.5 Meters					
<input type="checkbox"/>	<input type="checkbox"/>	CX4	Montevideo, Uruguay	1000	
<input type="checkbox"/>	<input type="checkbox"/>	FQN	St. Pierre, Miquelon Is.	250	St. Pierre Radio Club.
<input type="checkbox"/>	<input type="checkbox"/>	KFRG	San Francisco, Cal.	1000	Don Lee, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	KINY	Juneau, Alaska	250	Northwest Advertising Co.
<input type="checkbox"/>	<input type="checkbox"/>	KZRM	Manila, P. I.	50000	
<input type="checkbox"/>	<input type="checkbox"/>	WDAF	Kansas City, Mo.	1000	Kansas City Star Co.
<input type="checkbox"/>	<input type="checkbox"/>	WIP	Philadelphia, Pa.	500	Pennsylvania Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WJAY	Cleveland, Ohio	500	Cleveland Radio Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	XFX	Mexico City, D. F.	1000	Secretaria de Educacion Publica
<input type="checkbox"/>	<input type="checkbox"/>	3AR	Melbourne, Australia	4500	National Broadcasting Service.
620 Kilocycles 483.6 Meters					
<input type="checkbox"/>	<input type="checkbox"/>	KGW	Portland, Ore.	1000	Oregonian Publishing Co.
<input type="checkbox"/>	<input type="checkbox"/>	KTAR	Phoenix, Ariz.	1000	KTAR Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WFLA	Clearwater, Fla.	1000	Florida West Coast Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WHJB	Greensburg, Pa.	250	Pennsylvania Radio Supply House
<input type="checkbox"/>	<input type="checkbox"/>	WLBS	Bangor, Me.	500	Maine Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WSUN	St. Petersburg, Fla.	1000	Florida West Coast Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WTMJ	Milwaukee, Wisc.	1000	The Journal Co.
<input type="checkbox"/>	<input type="checkbox"/>	XEZ	Merida, Yucatan	625 500	J. L. Falomeque
630 Kilocycles 475.9 Meters					
<input type="checkbox"/>	<input type="checkbox"/>	CFCY	Charlottetown, P. E. I.	1000	Island Radio Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	CJGX	Yorkton, Sask.	500	Dawson, Richardson Publications, Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	KCOV	Kelowna, B. C.	100	Okanagan Broadcasters, Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	CMBY	Havana, Cuba	250	Callajas-Estafani
<input type="checkbox"/>	<input type="checkbox"/>	KFRU	Columbia, Mo.	500	KFRU, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	KGFX	Pierre, S. D.	200	Dana McNeil.
<input type="checkbox"/>	<input type="checkbox"/>	LS3	Buenos Aires, Arg.	5070	"Radio Mayo"
<input type="checkbox"/>	<input type="checkbox"/>	WGBF	Evansville, Ind.	500	Evansville On The Air, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WMAL	Washington, D. C.	250	National Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WOS	Jefferson City, Mo.	500	State Highway Control.
<input type="checkbox"/>	<input type="checkbox"/>	WPRO	Providence, R. I.	250	Cherry & Webb Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	5CK	Crystal Brook, Aus.	7500	National Broadcasting Service.
<input type="checkbox"/>	<input type="checkbox"/>	OKP	Prague, Czech.	638 120000	
640 Kilocycles 468.2 Meters					
<input type="checkbox"/>	<input type="checkbox"/>	KFI	Los Angeles, Cal.	50000	Earle C. Anthony, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WAIU	Columbus, Ohio	500	Associated Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WOI	Ames, Iowa	5000	Iowa State College.
<input type="checkbox"/>	<input type="checkbox"/>	XEOX	Saltillo, Coah.	250	Antonio G. Castro
<input type="checkbox"/>	<input type="checkbox"/>		Lyon La Doua, France	648 60000	
650 Kilocycles 461.3 Meters					
<input type="checkbox"/>	<input type="checkbox"/>	CX5	Montevideo, Uruguay	5000	Ministerio Instruccion Publica.
<input type="checkbox"/>	<input type="checkbox"/>	WSM	Nashville, Tenn.	50000	National Life & Accident Insurance Co.
<input type="checkbox"/>	<input type="checkbox"/>	1YA	Auckland, N. Z.	10000	N. Z. Broadcasting Board.
660 Kilocycles 454.3 Meters					
<input type="checkbox"/>	<input type="checkbox"/>	CMCX	Havana, Cuba	150	New Station.
<input type="checkbox"/>	<input type="checkbox"/>	WAAW	Omaha, Neb.	500	Omaha Grain Exchange.
<input type="checkbox"/>	<input type="checkbox"/>	WEAF	New York, N. Y.	50000	National Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	XEAL	Mexico City, D. F.	1000	Pan American Radio Co.
<input type="checkbox"/>	<input type="checkbox"/>	XGOA	Nanking, China	75000	
<input type="checkbox"/>	<input type="checkbox"/>	2FC	Sydney, Aust.	665 3500	
<input type="checkbox"/>	<input type="checkbox"/>		Cologne, Germany	100000	Rundfunk Cologne
670 Kilocycles 447.5 Meters					
<input type="checkbox"/>	<input type="checkbox"/>	LS4	Buenos Aires, Arg.	5090	"Radio Portena"
<input type="checkbox"/>	<input type="checkbox"/>	WMAQ	Chicago, Ill.	50000	National Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	YV6RV	Valencia, Venezuela	675 3000	
<input type="checkbox"/>	<input type="checkbox"/>		Sottens, Switzerland	677 25000	
680 Kilocycles 440.9 Meters					
<input type="checkbox"/>	<input type="checkbox"/>	CMCQ	Havana, Cuba	1000	Andres Martinez.
<input type="checkbox"/>	<input type="checkbox"/>	HJN	Bogota, Colombia	1000	Ministry of Posts
<input type="checkbox"/>	<input type="checkbox"/>	KFEQ	St. Joseph, Mo.	2500	Scroggin & Co. Bank.
<input type="checkbox"/>	<input type="checkbox"/>	KPO	San Francisco, Cal.	50000	National Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	RDN	San Salvador, E. S.	500	Republic of El Salvador.
<input type="checkbox"/>	<input type="checkbox"/>	VAS	Glace Bay, N. S.	2000	Canadian Marconi Co., Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	VOWR	St. John's, Nfd.	500	Wesley United Church.
<input type="checkbox"/>	<input type="checkbox"/>	WPTF	Raleigh, N. C.	1000	Durham Life Insurance Co.
690 Kilocycles 434.5 Meters					
<input type="checkbox"/>	<input type="checkbox"/>	CFRB	Toronto, Ont.	10000	Rogers Majestic Co., Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	CJCI	Calgary, Alta.	100	Albertan Publishing Co., Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	CX8	Montevideo, Uruguay	1000	

<input type="checkbox"/>	<input type="checkbox"/>	NAA	Arlington, Va.	1000	United States Navy.
<input type="checkbox"/>	<input type="checkbox"/>	XET	Monterrey, N. L.	500	Cadena Radiodifusora Mexicana, S. A.
<input type="checkbox"/>	<input type="checkbox"/>	6WF	Perth, Aust.	3500	
700	Kilocycles	428.3 Meters			
<input type="checkbox"/>	<input type="checkbox"/>	WLW	Cincinnati, Ohio	500000	Crosley Radio Corp.
710	Kilocycles	422.3 Meters			
<input type="checkbox"/>	<input type="checkbox"/>	KMPC	Beverly Hills, Cal.	500	Beverly Hills Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	KPCB	Seattle, Wash.	250	Queen City Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	LSI	Buenos Aires, Arg.	5000	Municipalidad de Buenos Aires.
<input type="checkbox"/>	<input type="checkbox"/>	WOR	Newark, N. J.	50000	Bamberger Broadcasting Service, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	XEN	Mexico City, D. F.	1000	Cerveceria Modelo, S. A.
<input type="checkbox"/>	<input type="checkbox"/>	IRKO	Rome, Italy	50000	
720	Kilocycles	416.4 Meters			
<input type="checkbox"/>	<input type="checkbox"/>	CMJO	Ciego de Avila, Cuba	50	Jose M. Rey.
<input type="checkbox"/>	<input type="checkbox"/>	KZEG	Manila, P. I.	1000	Erlanger & Galinger, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WGN	Chicago, Ill.	50000	WGN, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	3YA	Christchurch, N. Z.	10000	N. Z. Broadcasting Board.
730	Kilocycles	410.7 Meters			
<input type="checkbox"/>	<input type="checkbox"/>	CFPL	London, Ont.	100	Free Press & Printing Co.
<input type="checkbox"/>	<input type="checkbox"/>	CJCA	Edmonton, Alta.	500	Taylor & Pearson, Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	CKAC	Montreal, Que.	5000	La Presse Publishing Co., Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	CMAF	Havana, Cuba	1000	International Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	CX10	Montevideo, Uruguay	1000	
<input type="checkbox"/>	<input type="checkbox"/>	XEBC	Agua Caliente, B. C.	5000	Agua Caliente Broadcasting Station.
<input type="checkbox"/>	<input type="checkbox"/>	5CL	Adelaide, Australia	5000	National Broadcasting Service.
740	Kilocycles	405.2 Meters			
<input type="checkbox"/>	<input type="checkbox"/>	KMMJ	Clay Center, Neb.	1000	M. M. Johnson Co.
<input type="checkbox"/>	<input type="checkbox"/>	KTRR	Modesto, Cal.	250	T. R. McTammany & W. H. Bates, Jr.
<input type="checkbox"/>	<input type="checkbox"/>	WHEB	Portsmouth, N. H.	250	Granite State Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WSB	Atlanta, Ga.	50000	Atlanta Journal.
<input type="checkbox"/>	<input type="checkbox"/>	XELC	Col. del Vaila, D. F.	100	Manuel V. Bravo
<input type="checkbox"/>	<input type="checkbox"/>		Munich, Germany	745 100000	Rundfunk Munich.
750	Kilocycles	399.8 Meters			
<input type="checkbox"/>	<input type="checkbox"/>	CMCW	Havana, Cuba	150	Vilarino y Cervantes
<input type="checkbox"/>	<input type="checkbox"/>	KGU	Honolulu, Hawaii	2500	Advertiser Publishing Co.
<input type="checkbox"/>	<input type="checkbox"/>	WJR	Detroit, Mich.	10000	WJR, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	XEAM	Nuevo Laredo, Tams.	50	Edificio Banco Longoria
760	Kilocycles	394.5 Meters			
<input type="checkbox"/>	<input type="checkbox"/>	CMJK	Camaguey, Cuba	150	Comp. Cubana Nacl. de Radio.
<input type="checkbox"/>	<input type="checkbox"/>	KXA	Seattle, Wash.	250	American Radio Telephone Co.
<input type="checkbox"/>	<input type="checkbox"/>	WBAL	Baltimore, Md.	10000	American Radio News Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WEW	St. Louis, Mo.	1000	St. Louis University
<input type="checkbox"/>	<input type="checkbox"/>	WJZ	New York, N. Y.	50000	National Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	XEOK	Tijuana, B. C.	250	E. R. Morris
<input type="checkbox"/>	<input type="checkbox"/>	4QG	Brisbane, Australia	5000	National Broadcasting Service.
770	Kilocycles	389.4 Meters			
<input type="checkbox"/>	<input type="checkbox"/>	CMBS	Havana, Cuba	150	Enrique Artalajo
<input type="checkbox"/>	<input type="checkbox"/>	KFAB	Lincoln, Neb.	10000	KFAB Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WBBM	Chicago, Ill.	50000	WBBM Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>		Toulouse-Muret, Fr.	776 150000	
780	Kilocycles	384.4 Meters			
<input type="checkbox"/>	<input type="checkbox"/>	CHWK	Chilliwack, B. C.	100	Chilliwack Broadcasting Co., Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	CKSO	Sudbury, Ont.	1000	The Sudbury Star
<input type="checkbox"/>	<input type="checkbox"/>	KELW	Burbank, Cal.	500	Evening Herald Publishing Co.
<input type="checkbox"/>	<input type="checkbox"/>	KFDY	Brookings, S. D.	1000	South Dakota State College.
<input type="checkbox"/>	<input type="checkbox"/>	KFQD	Anchorage, Alaska	250	Anchorage Radio Club, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	KGHL	Billings, Mont.	1000	N. W. Auto Supply Co.
<input type="checkbox"/>	<input type="checkbox"/>	KTM	Los Angeles, Cal.	500	Evening Herald Publishing Co.
<input type="checkbox"/>	<input type="checkbox"/>	WEAN	Providence, R. I.	500	Shepard Broadcasting Service, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WMC	Memphis, Tenn.	1000	Memphis Commercial Appeal, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WTAR	Norfolk, Va.	500	WTAR Radio Corp.
<input type="checkbox"/>	<input type="checkbox"/>	XEYZ	Mexico, D. F.	10000	Radiodifusora Continental, S. A.
<input type="checkbox"/>	<input type="checkbox"/>		Leipzig, Germany	785 120000	Rundfunk Leipzig.
790	Kilocycles	379.5 Meters			
<input type="checkbox"/>	<input type="checkbox"/>	CMOA	Havana, Cuba	500	Aguiar y Muralla
<input type="checkbox"/>	<input type="checkbox"/>	KGO	San Francisco, Cal.	7500	National Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	LR10	Buenos Aires, Arg.	11050	"Radio Cultura"
<input type="checkbox"/>	<input type="checkbox"/>	WGY	Schenectady, N. Y.	50000	National Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	4YA	Dunedin, N. Z.	500	N. Z. Broadcasting Board
800	Kilocycles	374.8 Meters			
<input type="checkbox"/>	<input type="checkbox"/>	TIGP	San Jose, Costa Rica	75	Gonzalo Pinto.
<input type="checkbox"/>	<input type="checkbox"/>	WBAP	Fort Worth, Texas	50000	Carter Publications, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WFAA	Dallas, Texas	50000	Morning News and Journal.

<input type="checkbox"/>	<input type="checkbox"/>	WTBO	Cumberland, Md.	250	Associated Broadcast Corp.
<input type="checkbox"/>	<input type="checkbox"/>	3LO	Melbourne, Australia	4500	National Broadcasting Service.
<input type="checkbox"/>	<input type="checkbox"/>	SR	Falkirk, Scotland	804 50000	

810 Kilocycles 370.2 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CMCF	Havana, Cuba	250	Raoul Karman.
<input type="checkbox"/>	<input type="checkbox"/>	CMHW	Cienfuegos, Cuba	100	
<input type="checkbox"/>	<input type="checkbox"/>	CX14	Montevideo, Uruguay	1000	
<input type="checkbox"/>	<input type="checkbox"/>	WCCO	Minneapolis, Minn.	50000	N. W. Broadcasting, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WNYC	New York, N. Y.	1000	City of New York.
<input type="checkbox"/>	<input type="checkbox"/>	XFC	Aguascalientes, Ags.	350	Gobierno del Edo de Aguascalientes
<input type="checkbox"/>	<input type="checkbox"/>	IMI	Milan, Italy	814 50000	

820 Kilocycles 365.6 Meters

<input type="checkbox"/>	<input type="checkbox"/>	WHAS	Louisville, Ky.	50000	Courier Journal.
<input type="checkbox"/>	<input type="checkbox"/>	XETW	Mexico, D. F.	500	Rafael M. Pada

830 Kilocycles 361.2 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CMC	Havana, Cuba.	500	Radio Corp. of Cuba.
<input type="checkbox"/>	<input type="checkbox"/>	KOA	Denver, Colo.	50000	General Electric Co.
<input type="checkbox"/>	<input type="checkbox"/>	LR5	Buenos Aires, Arg.	30000	"Radio Excelsior"
<input type="checkbox"/>	<input type="checkbox"/>	WEEU	Reading, Pa.	1000	Berks Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WHDH	Boston, Mass.	1000	Matheson Radio Co.
<input type="checkbox"/>	<input type="checkbox"/>	WRUF	Gainesville, Fla.	5000	State University.

840 Kilocycles 356.9 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CFQC	Saskatoon, Sask.	1000	Electric Shop, Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	CMQ	Havana, Cuba	5000	Jose Fernandez.
<input type="checkbox"/>	<input type="checkbox"/>	CRCT	Toronto, Ont.	5000	Canadian Radio Broadcasting Com.
<input type="checkbox"/>	<input type="checkbox"/>	VOGY	St. John's, Nfd.	400	Newfoundland Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	XEP	Mexico, D. F.	500	Ana Maria de Pasalgua
<input type="checkbox"/>	<input type="checkbox"/>		Berlin Germany	100000	Rundfunk, Berlin

850 Kilocycles 352.7 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CX16	Montevideo, Uruguay	10000	"Radio Carve"
<input type="checkbox"/>	<input type="checkbox"/>	KIEV	Glendale, Cal.	250	Cannon System, Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	WESG	Elmira, N. Y.	1000	Elmira Star Gazette, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WWL	New Orleans, La.	10000	Loyola University.
<input type="checkbox"/>	<input type="checkbox"/>	YWPA	Clarion, Pa.	250	Clarion Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	XEXX	Mexico, D. F.	500	
<input type="checkbox"/>	<input type="checkbox"/>	ZBL	Sydney, Australia	5000	National Broadcasting Service.

860 Kilocycles 348.6 Meters

<input type="checkbox"/>	<input type="checkbox"/>	WABC	New York, N. Y.	50000	Atlantic Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WBOQ	New York, N. Y.	50000	Atlantic Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WHB	Kansas City, Mo.	1000	WHB Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	XEMO	Tijuana, B. C.	2500	Radio Station XEMO.
<input type="checkbox"/>	<input type="checkbox"/>		Strasbourg, France	859 40000	"Radio Strasbourg."

870 Kilocycles 344.6 Meters

<input type="checkbox"/>	<input type="checkbox"/>	LR6	Buenos Aires, Arg.	39000	"Radio La Nacion"
<input type="checkbox"/>	<input type="checkbox"/>	WENR	Chicago, Ill.	50000	Great Lakes Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WLS	Chicago, Ill.	50000	Agricultural Broadcasting Co.

880 Kilocycles 340.7 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CFJC	Kamloops, B. C.	100	Review Publishing Co., Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	CRCT	Ottawa, Ont.	1000	Canadian Radio Com.
<input type="checkbox"/>	<input type="checkbox"/>	KFKA	Greeley, Colo.	500	Mid-Western Radio Corp.
<input type="checkbox"/>	<input type="checkbox"/>	KLX	Oakland, Cal.	1000	Tribune Publishing Co.
<input type="checkbox"/>	<input type="checkbox"/>	KPOF	Denver, Colo.	500	Pillar of Fire.
<input type="checkbox"/>	<input type="checkbox"/>	WCOC	Meridian, Miss.	500	Mississippi Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WGBI	Seranton, Pa.	500	Seranton Broadcasters, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WPHR	Petersburg, Va.	500	WLBG, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WQAN	Seranton, Pa.	250	Seranton Times.
<input type="checkbox"/>	<input type="checkbox"/>	WSUI	Iowa City, Iowa	500	State University of Iowa.
<input type="checkbox"/>	<input type="checkbox"/>	YV2RC	Caracas, Venezuela	100	

890 Kilocycles 336.9 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CJIC	S. Ste. Marie, Ont.	100	J. G. Hyland & J. C. Whitby.
<input type="checkbox"/>	<input type="checkbox"/>	KARK	Little Rock, Ark.	250	Arkansas Radio & Equipment Co.
<input type="checkbox"/>	<input type="checkbox"/>	KFNT	Shenandoah, Iowa	500	Henry Field Co.
<input type="checkbox"/>	<input type="checkbox"/>	KSEI	Pocatello, Idaho	250	Radio Service Corp.
<input type="checkbox"/>	<input type="checkbox"/>	KUSD	Vermillion, S. D.	500	University of South Dakota.
<input type="checkbox"/>	<input type="checkbox"/>	WBAA	West Lafayette, Ind.	1000	Purdue University.
<input type="checkbox"/>	<input type="checkbox"/>	WGST	Atlanta, Ga.	500	Georgia School of Technology.
<input type="checkbox"/>	<input type="checkbox"/>	WILL	Urbana, Ill.	250	University of Illinois.

<input type="checkbox"/>	<input type="checkbox"/>	WJAR	Providence, R. I.	500	Outlet Co.
<input type="checkbox"/>	<input type="checkbox"/>	WMMN	Fairmont, W. Va.	250	A. M. Rowe, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	XEW	Mexico City, D. F.	50000	Cadena Radiodifusora Mexicana.
900 Kilocycles 333.1 Meters					
<input type="checkbox"/>	<input type="checkbox"/>	KGA	Spokane, Wash.	5000	N. W. Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	KGBU	Ketchikan, Alaska	500	Alaska Radio & Service Corp.
<input type="checkbox"/>	<input type="checkbox"/>	KHJ	Los Angeles, Cal.	1000	Don Lee Broadcasting System.
<input type="checkbox"/>	<input type="checkbox"/>	WBEN	Buffalo, N. Y.	1000	Buffalo Evening News.
<input type="checkbox"/>	<input type="checkbox"/>	WJAX	Jacksonville, Fla.	1000	City of Jacksonville.
<input type="checkbox"/>	<input type="checkbox"/>	WKY	Oklahoma City, Okla.	1000	Oklahoma Publishing Co.
<input type="checkbox"/>	<input type="checkbox"/>	WLBL	Stevens Point, Wisc.	2500	Wisconsin Dept. of Agriculture & Markets.
<input type="checkbox"/>	<input type="checkbox"/>	WMFI	New Haven, Conn.	500	Patrick H. Goode.
<input type="checkbox"/>	<input type="checkbox"/>		Hamburg, Germany	100000	Nordischer Rundfunk.
910 Kilocycles 329.6 Meters					
<input type="checkbox"/>	<input type="checkbox"/>	CJAT	Trail, B. C.	250	Kootenay Broadcasting Co., Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	CRCM	Montreal, Que.	5000	Canadian Radio Com.
<input type="checkbox"/>	<input type="checkbox"/>	LR2	Buenos Aires, Arg.	9620	"Radio Argentina"
<input type="checkbox"/>	<input type="checkbox"/>	TICR	San Jose, Costa Rica	75	Government of Costa Rica.
<input type="checkbox"/>	<input type="checkbox"/>	XENT	Nuevo Laredo, Tamps.	70000	Cia Industrial Universal, S. A.
<input type="checkbox"/>	<input type="checkbox"/>	4RK	Rockhampton, Aus.	5000	National Broadcasting Service.
<input type="checkbox"/>	<input type="checkbox"/>		Toulouse, France	913 60000	"Radio Toulouse"
920 Kilocycles 325.9 Meters					
<input type="checkbox"/>	<input type="checkbox"/>	CMX	Havana, Cuba	1000	"Casa Lavin"
<input type="checkbox"/>	<input type="checkbox"/>	HHK	Port-au-Prince, Haiti	1000	Haitian Government.
<input type="checkbox"/>	<input type="checkbox"/>	KFEL	Denver, Colo.	500	Eugene P. O'Fallon, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	KOMO	Seattle, Wash.	1000	Fishers Blend Station.
<input type="checkbox"/>	<input type="checkbox"/>	KPRC	Houston, Texas	1000	Houston Printing Co.
<input type="checkbox"/>	<input type="checkbox"/>	KVOD	Denver, Colo.	500	Colorado Radio Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WAAF	Chicago, Ill.	500	Drovers Journal.
<input type="checkbox"/>	<input type="checkbox"/>	WBSO	Boston, Mass.	500	Broadcasting Service Organization.
<input type="checkbox"/>	<input type="checkbox"/>	WPHN	Philadelphia, Pa.	250	Wm. Penn Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WRAX	Philadelphia, Pa.	250	WRAX Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WWJ	Detroit, Mich.	1000	Evening News Association.
<input type="checkbox"/>	<input type="checkbox"/>	XEAA	Mexicali, B. C.	200	Carlos Blando
930 Kilocycles 322.4 Meters					
<input type="checkbox"/>	<input type="checkbox"/>	CFAC	Calgary, Alta.	100	Calgary Herald.
<input type="checkbox"/>	<input type="checkbox"/>	CFCH	North Bay, Ont.	100	Northern Broadcasting Co., Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	CFCL	Prescott, Ont.	100	Radio Association of Prescott.
<input type="checkbox"/>	<input type="checkbox"/>	CHNS	Halifax, N. S.	1000	Maritime Broadcasting Co., Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	CKPC	Brantford, Ont.	100	Telephone City Broadcast, Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	CKPR	Fort William, Ont.	50	Dougall Motor Co., Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	KGBZ	York, Neb.	1000	KGBZ Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	KMA	Sherandoah, Iowa	1000	Earl E. May Seed Co.
<input type="checkbox"/>	<input type="checkbox"/>	KROW	Oakland, Cal.	1000	Educational Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WBRC	Birmingham, Ala.	1000	Birmingham Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WDBJ	Roanoke, Va.	1000	Times World Corp.
940 Kilocycles 319.0 Meters					
<input type="checkbox"/>	<input type="checkbox"/>	CMBC	Havana, Cuba	150	Domingo Fernandez.
<input type="checkbox"/>	<input type="checkbox"/>	CMKM	Manzanillo, Cuba	100	Jesus Armeste, Merchant y Figuerado.
<input type="checkbox"/>	<input type="checkbox"/>	KOIN	Portland, Ore.	1000	KOIN, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	VOAS	St. John's, Nfd.	100	Ayre & Sons, Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	WAAT	Jersey City, N. J.	500	Bremer Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WAVE	Louisville, Ky.	1000	WAVE, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WCSE	Portland, Me.	1000	Congress Square Hotel Co.
<input type="checkbox"/>	<input type="checkbox"/>	WDAY	Fargo, N. D.	1000	WDAY, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WHA	Madison, Wisc.	1000	University of Wisconsin.
<input type="checkbox"/>	<input type="checkbox"/>	XEFO	Mexico City, D. F.	5000	Partido Nael. Revolucionario.
<input type="checkbox"/>	<input type="checkbox"/>	XFO	Mexico City, D. F.	5000	Partido Nael. Revolucionario
950 Kilocycles 315.6 Meters					
<input type="checkbox"/>	<input type="checkbox"/>	CRCS	Chicoutimi, Que.	100	Canadian Radio Commission.
<input type="checkbox"/>	<input type="checkbox"/>	KFWB	Hollywood, Cal.	1000	Warner Bros.
<input type="checkbox"/>	<input type="checkbox"/>	KHSL	Chico, Cal.	250	Golden Empire Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	KMBC	Kansas City, Mo.	1000	Midland Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	LR3	Buenos Aires, Arg.	13900	"Radio Belgrano"
<input type="checkbox"/>	<input type="checkbox"/>	WRC	Washington, D. C.	1000	National Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>		Breslau, Germany	60000	Schlessische Funkstude, A. G.
960 Kilocycles 312.3 Meters					
<input type="checkbox"/>	<input type="checkbox"/>	CKY	Winnipeg, Man.	15000	Manitoba Telephone System.
<input type="checkbox"/>	<input type="checkbox"/>	CMCD	Havana, Cuba	250	
<input type="checkbox"/>	<input type="checkbox"/>	CMJD	Camaguey, Cuba	50	Enrique Artime.
<input type="checkbox"/>	<input type="checkbox"/>	XEAW	Reynosa, Tamps.	10000	International Broadcasting Co., S. A.
<input type="checkbox"/>	<input type="checkbox"/>	YVIRC	Caracas, Venez.	5000	Cia Ama Almacen Americana.
<input type="checkbox"/>	<input type="checkbox"/>		Paris, France	100000	Poste. Parisien.

970 Kilocycles 309.1 Meters

<input type="checkbox"/>	<input type="checkbox"/>	KJR	Seattle, Wash.	5000	Fishers Blend Station, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WCFL	Chicago, Ill.	1500	Chicago Federation of Labor.
<input type="checkbox"/>	<input type="checkbox"/>	WIBG	Glenside, Pa.	100	WIBG, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	XES	Tampico, Tams.	250	Fernando Sada.

980 Kilocycles 305.9 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CMGF	Matanzas, Cuba	100	Bernabe R. de la Torre.
<input type="checkbox"/>	<input type="checkbox"/>	KDKA	Pittsburgh, Pa.	50000	Westinghouse Electric & Mfg. Co.

990 Kilocycles 302.8 Meters

LB4	Buenos Aires, Arg.	15960	"Radio Splendid."
WBZ	Boston, Mass.	50000	Westinghouse Electric & Mfg. Co.
WBZ4	Springfield, Mass.	1000	Westinghouse Electric & Mfg. Co.
XEAF	Nogales, Son.	500	Francisco G. Elias.
XEK	Mexico City, D. F.	100	Arturo Martinez.

1000 Kilocycles 299.8 Meters

CMBZ	Havana, Cuba	100	Manuel y G. Salas
KFVD	Los Angeles, Cal.	250	E. L. Cord.
WHO	Des Moines, Iowa	50000	Central Broadcasting Co.
XEFG	Mexico, D. F.	250	E. R. de Gonzalez

1010 Kilocycles 296.9 Meters

CHML	Hamilton, Ont.	50	Maple Leaf Radio Co., Ltd.
CHWC	Regina, Sask.	500	R. H. Williams & Sons, Ltd.
CKCD	Vancouver, B. C.	100	Vancouver Daily Province.
CKCK	Regina, Sask.	500	Leader-Post, Ltd.
CKCO	Ottawa, Ont.	100	Dr. G. M. Geldert.
CKIC	Wolfville, N. S.	50	Acadia University.
CKWX	Vancouver, B. C.	100	Western Broadcasting Co., Ltd.
CMJG	Camaguey, Cuba	50	Jose Antonio Lefran.
CX24	Montevideo, Uruguay	1000	
KGGF	Coffeyville, Kans.	1000	H. J. Powell & Stanley Platz.
KQW	San Jose, Cal.	1000	Pacific Agricultural Foundation.
WHN	New York, N. Y.	1000	WIS, Inc.
WIS	Columbia, S. C.	1000	Marcus Loew Booking Agency.
WNAD	Norman, Okla.	1000	University of Oklahoma.
XEU	Veracruz, Vera.	250	Fernando Pazos

1020 Kilocycles 293.9 Meters

<input type="checkbox"/>	<input type="checkbox"/>	KYW	Philadelphia, Pa.	10000	Westinghouse Electric & Mfg. Co.
<input type="checkbox"/>	<input type="checkbox"/>	XEJ	Juarez, Chih.	1250	Juan G. Buttner

1030 Kilocycles 291.1 Meters

<input type="checkbox"/>	CFCN	Calgary, Alta.	10000	W. W. Grant & H. G. Love.
<input type="checkbox"/>	CKLW	Windsor, Ont.	5000	Western Ont. Broadcasting Co., Ltd.
<input type="checkbox"/>	CMCY	Havana, Cuba	500	M. D. Autran.
<input type="checkbox"/>	LR9	Buenos Aires, Arg.	3880	"Radio Fenix"
<input type="checkbox"/>	XEB	Mexico City, D. F.	10000	El Buen Tono, S. A.
<input type="checkbox"/>	CTIGL	Paredo, Portugal	5000	Radio Club of Portugal
<input type="checkbox"/>		Heilsburg, Germany	60000	Deutsche Stunde in Bayern

1040 Kilocycles 288.3 Meters

CMGH	Matanzas, Cuba	15	Octavul y Julio Alvarez.
CP4	LaPaz, Bolivia	10000	Compania Radio Boliviano
KRLD	Dallas, Tex.	10000	KRLD Radio Corp.
KWJJ	Portland, Ore.	500	KWJJ Broadcast Co.
WKAR	East Lansing, Mich.	1000	Michigan State College.
WTIC	Hartford, Conn.	50000	Travelers Broadcasting Service.
	Rennes, France	120000	PTT.

1050 Kilocycles 285.5 Meters

CFCO	Chatham, Ont.	100	John Beardall.
CRQC	Quebec, P. of Q.	1000	Canadian Radio Commission.
OX26	Montevideo, Uruguay	2000	Figueira Canera y Cia
KFBH	Abilene, Kans.	5000	Farmers & Bankers Life Insurance Co.
KXN	Hollywood, Cal.	50000	Western Broadcast Co., Inc.

1060 Kilocycles 282.8 Meters

CMK	Havana, Cuba	3150	National Broadcasting Co. of Cuba
KTHS	Hot Springs, Ark.	10000	Chamber of Commerce.
WBAL	Baltimore, Md.	10000	American Radio News Corp.
WJAG	Norfolk, Neb.	1000	Norfolk Daily News.
XEA	Guadalajara, Jal.	125	Alberto Palos Souza.

1070 Kilocycles 280.2 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CMHA	Sagua la Grande, Cuba	50	Abelardo Menocal.
<input type="checkbox"/>	<input type="checkbox"/>	KJBS	San Francisco, Cal.	500	Julius Brunton & Sons Co.
<input type="checkbox"/>	<input type="checkbox"/>	WCAZ	Carthage, Ill.	100	Superior Broadcasting Service.
<input type="checkbox"/>	<input type="checkbox"/>	WDZ	Tuscola, Ill.	100	James L. Bush.
<input type="checkbox"/>	<input type="checkbox"/>	WTAM	Cleveland, Ohio	50000	National Broadcasting Co.

1080 Kilocycles 277.6 Meters

<input type="checkbox"/>	<input type="checkbox"/>	WBT	Charlotte, N. C.	50000	Station WBT, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WCBF	Waukegan, Ill.	5000	Wilbur Glenn Voliva.
<input type="checkbox"/>	<input type="checkbox"/>	WMBI	Chicago, Ill.	5000	Moody Bible Institute.
<input type="checkbox"/>	<input type="checkbox"/>	XEMA	Tampico, Tams.	50	Manuel M. Pier
<input type="checkbox"/>	<input type="checkbox"/>		Bordeaux, France	60000	"Radio Bordeaux."

1090 Kilocycles 275.1 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CX28	Montevideo, Uruguay	2000	Miquel Biere.
<input type="checkbox"/>	<input type="checkbox"/>	KMOX	St. Louis, Mo.	50000	The Voice of St. Louis, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	EAJ7	Madrid, Spain	7000	

1100 Kilocycles 272.6 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CRCV	Vancouver, B. C.	1000	Canadian Radio Com.
<input type="checkbox"/>	<input type="checkbox"/>	KGDM	Stockton, Cal.	250	E. F. Pepper.
<input type="checkbox"/>	<input type="checkbox"/>	KWKB	Shreveport, La.	10000	International Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	TIRCA	San Jose, Costa Rica	500	Perry Girtin.
<input type="checkbox"/>	<input type="checkbox"/>	WLWL	New York, N. Y.	5000	Universal Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WPG	Atlantic City, N. J.	5000	Columbia Broadcasting System.
<input type="checkbox"/>	<input type="checkbox"/>	XEFG	Mexico City, D. F.	250	Ricardo Gonzales Montero.

1110 Kilocycles 270.1 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CMCO	Havana, Cuba	150	Radio Emisora CMCO
<input type="checkbox"/>	<input type="checkbox"/>	KSOO	Sioux Falls, S. D.	1000	Sioux Falls Broadcasting Association.
<input type="checkbox"/>	<input type="checkbox"/>	LS5	Buenos Aires, Arg.	5060	"Radio Rivadavia"
<input type="checkbox"/>	<input type="checkbox"/>	WRVA	Richmond, Va.	5000	Larus & Bro. Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	XELO	Piedras Negras, Coah.	10000	Rio Grande Broadcasting System

1120 Kilocycles 267.7 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CHLP	Montreal, Que.	100	La Patrie Publishing Co., Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	CHSJ	St. John, N. B.	100	N. B. Broadcasting Corp., Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	CKOC	Hamilton, Ont.	500	Wentworth Radio Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	CKX	Brandon, Man.	100	Manitoba Telephone System.
<input type="checkbox"/>	<input type="checkbox"/>	KFSG	Spokane, Wash.	100	Spokane Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	KFSG	Los Angeles, Cal.	500	Echo Park Evang. Assn.
<input type="checkbox"/>	<input type="checkbox"/>	KRKB	Los Angeles, Cal.	1000	Radio Broadcasters, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	KRSC	Seattle, Wash.	100	Radio Sales Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WDEL	Wilmington, Del.	250	WDEL, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WISN	Milwaukee, Wisc.	250	Hearst Radio, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WMFH	Boston, Mass.	500	Joseph M. Kirby.
<input type="checkbox"/>	<input type="checkbox"/>	WTAW	College Station, Texas	500	Agric. & Mech. College.

1130 Kilocycles 265.3 Meters

<input type="checkbox"/>	<input type="checkbox"/>	KSL	Salt Lake City, Utah	50000	Radio Service Corp. of Utah.
<input type="checkbox"/>	<input type="checkbox"/>	WJJD	Chicago, Ill.	20000	WJJD, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WOV	New York, N. Y.	1000	International Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	SBH	Horby, Sweden	10000	Royal Board of Telegraphs.

1140 Kilocycles 263.0 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CMBG	Havana, Cuba	225	John L. Stowers.
<input type="checkbox"/>	<input type="checkbox"/>	KVOO	Tulsa, Okla.	25000	Southwestern Sales Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WAPI	Birmingham, Ala.	5000	WAPI Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	ITTO	Turin, Italy	7000	E. I. A. R.

1150 Kilocycles 260.7 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CMJF	Camaguey, Cuba	200	John L. Stowers.
<input type="checkbox"/>	<input type="checkbox"/>	CMJH	Ciego de Avila, Cuba	50	Luis Marauri Mendosa.
<input type="checkbox"/>	<input type="checkbox"/>	LR8	Buenos Aires, Arg.	3540	"Radio Paris"
<input type="checkbox"/>	<input type="checkbox"/>	WHAM	Rochester, N. Y.	50000	Stromberg-Carlson Tel. Mfg. Co.
<input type="checkbox"/>	<input type="checkbox"/>	XEH	Monterrey, N. L.	250	Tarnava y Cia.
<input type="checkbox"/>	<input type="checkbox"/>	XEWZ	Mexico, D. F.	100	Jesus Esparzo

1160 Kilocycles 258.5 Meters

<input type="checkbox"/>	<input type="checkbox"/>	WOWO	Fort Wayne, Ind.	10000	Main Auto Supply Co.
<input type="checkbox"/>	<input type="checkbox"/>	WVVA	Wheeling, W. Va.	5000	W. Va. Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	XED	Guadalajara, Jal.	500	Radiofonografica de Guadalajara, S. A.
<input type="checkbox"/>	<input type="checkbox"/>	XEFL	Tijuana, B. C., Mexico	5000	

1170 Kilocycles 256.3 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CMBD	Havana, Cuba	150	Luis Perez Garcia
<input type="checkbox"/>	<input type="checkbox"/>	CMJE	Camaguey, Cuba	50	Manuel Fernandez.
<input type="checkbox"/>	<input type="checkbox"/>	WCAU	Philadelphia, Pa.	50000	WCAU Broadcasting Co.

1180 Kilocycles 254.1 Meters

CMHJ	Cienfuegos, Cuba	60	Victorinó Lopez Hontanón.
KEX	Portland, Ore.	5000	Western Broadcasting Co.
KOB	Albuquerque, N. M.	10000	Albuquerque Journal.
WDGY	Minneapolis, Minn.	1000	Dr. Geo. W. Young.
WINS	New York, N. Y.	1000	Hearst Radio, Inc.
WMAZ	Macon, Ga.	1000	Southeastern Broadcasting Co.
XEFA	Mexico, D. F.	500	Eduardo Limon Segui.
	Copenhagen, Den.	1177 25000	"Radio Copenhagen."

1190 Kilocycles 252.0 Meters

LSZ	Buenos Aires, Arg.	30000	Radio Prieto.
VE9EK	Montmagny, Que.	10	J. A. Marquis.
VONF	St. John's Nfld.	5000	Dominion Broadcasting Co., Ltd.
WATR	Waterbury, Conn.	100	The WATR Co., Inc.
WOAI	San Antonio, Texas	50000	Southern Industries, Inc.
WSAZ	Huntington, W. Va.	1000	WSAZ, Inc.
	Frankfurt-am-Main, Ger.	17000	

1200 Kilocycles 249.9 Meters

CHAB	Moose Jaw, Sask.	100	Moose Jaw Radio Assn.
CKTB	St. Catharines, Ont.	100	E. T. Sandell.
CMCJ	Havana, Cuba	500	Rafael Rodriguez
KADA	Ada, Okla.	100	C. C. Morris.
KBTM	Jonesboro, Ark.	100	J. P. Beard.
KFJB	Marshalltown, Iowa	100	Marshall Electric Co.
KFXD	Nampa, Idaho	100	Frank E. Hurt.
KFXJ	Grand Junction, Colo.	100	Western Slope Broadcasting Co.
KGDE	Fergus Falls, Minn.	100	C. L. Jaren.
KGEK	Sterling, Colo.	100	Elmer G. Beehler.
KGFJ	Los Angeles, Cal.	100	Ben S. McGlashan.
KGHI	Little Rock, Ark.	100	Arkansas Broadcasting Co.
KMLB	Monroe, La.	100	Liner's Broadcasting Station, Inc.
KOOS	Marshfield, Ore.	100	H. H. Hanseth
KSUN	Bisbee, Ariz.	100	Copper Electric Co., Inc.
KVOS	Bellingham, Wash.	100	KVOS, Inc.
KWGG	Stockton, Cal.	100	McClatchy Newspapers, Inc.
WABI	Bangor, Me.	100	1st Universalist Society.
WAIM	Anderson, S. C.	100	Wilton E. Hall.
WBBZ	Ponca City, Okla.	100	Estate of C. L. Carrell, deceased.
WBHS	Huntsville, Ala.	100	Radio Station WBHS, Inc.
WBNO	New Orleans, La.	100	Coliseum Baptist Church.
WCAT	Rapid City, S. D.	100	State School of Mines.
WCAX	Burlington, Vt.	100	Burlington Daily News, Inc.
WCLO	Janesville, Wisc.	100	Gazette Printing Co., Inc.
WFAM	South Bend, Ind.	100	South Bend Tribune.
WFBE	Cincinnati, Ohio	100	WFBE, Inc.
WHBC	Canton, Ohio	100	Edw. P. Graham.
WHBY	Green Bay, Wisc.	100	WHBY, Inc.
WIRX	Utica, N. Y.	100	WIBX, Inc.
WIL	St. Louis, Mo.	100	Missouri Broadcasting Corp.
WJBC	Normal, Ill.	100	Kaskaskia Broadcasting Co.
WJBL	Decatur, Ill.	100	Commodore Broadcasting, Inc.
WJBW	New Orleans, La.	100	C. C. Carlson.
WKBO	Harrisburg, Pa.	100	Keystone Broadcasting Corp.
WKJC	Lancaster, Pa.	100	Lancaster Broadcasting Service.
WLVA	Lynchburg, Va.	100	Lynchburg Broadcasting Corp.
WMPC	Lapeer, Mich.	100	1st Methodist Protestant Church.
WRBL	Columbus, Ga.	100	WRBL Radio Station, Inc.
WWAE	Hammond, Ind.	100	Hammond Calumet Broadcasting Corp.
XEY	Merida, Yuc.	50	
YV3RC	Caracas, Venez.	1000	Degwitz & Siblesz
10AK	Stratford, Ont.	15	M. I. Higgins.
10BP	Wingham, Ont.	25	W. T. Cruickshank.

1210 Kilocycles 247.8 Meters

CHNC	New Carlisle, Que.	100	Gaspesian Broadcasting Co.
CJCU	Aklavik, Canada	100	Dr. J. A. Urquhart
CKBI	Prince Albert, Sask.	100	Prince Albert Radio Club.
CKCH	Hull, Que.	100	Radio Broadcasting of Hull, Ltd.
CKMC	Cobalt, Ont.	50	R. L. MacAdam.
CMHI	Santa Clara, Cuba	150	Lavis y Paz.
CMJI	Ciego de Avila, Cuba	150	Gilberto Gessa Loper
KASA	Elk City, Okla.	100	E. M. Woody.
KDLR	Devils Lake, N. D.	100	KDLR, Inc.
KFJI	Klamath Falls, Ore.	100	KFJI Broadcasters, Inc.
KFOR	Lincoln, Neb.	100	Howard Shuman.
KFPW	Fort Smith, Ark.	100	Southwestern Hotel Co.
KFVS	Cape Girardeau, Mo.	100	Oscar C. Hirsch.
KFXM	San Bernardino, Cal.	100	Lee Bros. Broadcasting Co.
KGY	Olympia, Wash.	100	KGY, Inc.
KIEM	Eureka, Cal.	100	H. H. Hanseth.

	100	GIUL	Garden City, Kans.	100	Garden City Broadcasting Co.
	100	KIUO	Ardmore, Okla.	100	The Ardmoreite Publishing Co., Inc.
	100	KPPC	Pasadena, Cal.	100	Pasadena Presbyt. Church.
	100	KWEA	Shreveport, La.	100	International Broadcasting Corp.
	100	KWFF	Hilo, T. H.	100	Hilo Broadcasting Co., Ltd.
	100	KWTN	Watertown, S. D.	100	Greater Kampeska Radio Corp.
	100	WALR	Zanesville, Ohio	100	WALR Broadcasting Corp.
	100	WBAX	Wilkes-Barre, Pa.	100	John H. Stenger, Jr.
	100	WBBL	Richmond, Va.	100	Grace Covenant Presby. Church.
	100	WBBB	Red Bank, N. J.	100	Monmouth Broadcasting Co., Inc.
	100	WCBS	Springfield, Ill.	100	WCBS, Inc.
	100	WCOL	Columbus, Ohio	100	International Bible Students Ass'n.
	100	WCRW	Chicago, Ill.	100	Clinton R. White.
	100	WEBQ	Harrisburg, Ill.	100	Harrisburg Broadcasting Co.
	100	WEDC	Chicago, Ill.	100	Emil Denmark.
	100	WFAS	White Plains, N. Y.	100	Westchester Broadcasting Corp.
	100	WGBB	Freeport, N. Y.	100	H. H. Carman.
	100	WGCM	Mississippi City, Miss.	100	WGCM, Inc.
	100	WGNY	Chester, N. Y.	100	Peter Goelet.
	100	WHBF	Rock Island, Ill.	100	Rock Island Broadcasting Co.
	100	WHBU	Anderson, Ind.	100	Leo M. Kennett
	100	WIBU	Poynette, Wisc.	100	Wm. C. Forrest.
	100	WJBY	Gadsden, Ala.	100	Gadsden Broadcasting Co.
	100	WJEJ	Hagerstown, Md.	100	Hagerstown Broadcasting Co., Inc.
	100	WJIM	Lansing, Mich.	100	Capitol City Broadcasting Co.
	100	WJW	Akron, Ohio	100	WJW, Inc.
	100	WKOK	Sunbury, Pa.	100	Sunbury Broadcasting Co.
	100	WMBG	Richmond, Va.	100	Havens & Martin, Inc.
	100	WMFG	Hibbing, Minn.	100	Head of Lakes Broadcasting Co.
	100	WMFN	Clarksdale, Miss.	100	Attala Broadcasting Corp.
	100	WOCL	Jamestown, N. Y.	100	A. E. Newton.
	100	WOMT	Manitowoc, Wisc.	100	Francis M. Kadow.
	100	WPAX	Thomasville, Ga.	100	H. Wimpy.
	100	WSBC	Chicago, Ill.	100	Gene T. Dyer.
	100	WSIX	Springfield, Tenn.	100	638 Tire & Vulcanizing Co.
	100	WSOC	Charlotte, N. C.	100	WSOC, Inc.
	100	WTAX	Springfield, Ill.	100	WTAX, Inc.
	50	XEE	Durango, Dgo.	50	A. C. Sterenson, Jr.
	100	XEFV	Juarez, Chih.	100	J. Onfre Meza.
	30	XEMZ	Tijuana, B. C.	30	Adolfo Labatida, Jr.
	100	XETH	Puebla, Pue.	100	Ramon Huerta

1220 Kilocycles 245.8 Meters

	1000	KFKU	Lawrence, Kans.	1000	University of Kansas.
	1000	KTW	Seattle, Wash.	1000	First Presbyterian Church.
	1000	KWSC	Pullman, Wash.	1000	State College of Wash.
	500	WCAD	Canton, N. Y.	500	St. Lawrence University.
	1000	WCAE	Pittsburgh, Pa.	1000	WCAE, Inc.
	1000	WDAE	Tampa, Fla.	1000	Tampa Times Co.
	1000	WREN	Lawrence, Kans.	1000	WREN Broadcasting Co.
	12	XETF	Vera Cruz, Ver.	12	Jose M. Lopez
	10000	XETR	Trieste, Italy	10000	E. I. A. R.

1230 Kilocycles 243.8 Meters

	100	CJOC	Lethbridge, Alta.	100	H. R. Carson, Ltd.
	150	CMCB	Havana, Cuba	150	Metropolitan Building.
	5000	CPX	LaPaz, Bolivia	5000	Costas y Cia., Comercio 423
	500	KGBX	Springfield, Mo.	500	KGBX, Inc.
	250	KGM	Albuquerque, N. M.	250	New Mex. Broadcasting Co.
	1000	KYA	San Francisco, Cal.	1000	Pacific Broadcasting Corp.
	15460	LS8	Buenos Aires, Arg.	15460	"Radio Stentor"
	1000	WFBM	Indianapolis, Ind.	1000	Indianapolis Pow. & Lt. Co.
	1000	WNAC	Boston, Mass.	1000	Shepard Broadcasting Service, Inc.
	50	XEFJ	Monterrey, N. L.	50	The Monterrey Sun

1240 Kilocycles 241.8 Meters

	1000	CJCB	Sydney, N. S.	1000	N. Nathanson.
	20	CMHB	San Spiritus, Cuba	20	
	250	KGCU	Mandan, N. D.	250	Mandan Radio Assn.
	250	KGKO	Wichita Falls, Texas	250	Wichita Falls Broadcasting Co.
	250	KLPM	Minot, N. D.	250	John B. Cooley.
	1000	KTFI	Twin Falls, Idaho	1000	Radio Broadcasting Corp.
	1000	WKAQ	San Juan, P. R.	1000	Radio Corp. of P. R.
	1000	WXYZ	Detroit, Mich.	1000	Kunsky-Trendle Broadcasting Corp.
	100	XEAI	Mexico, D. F.	100	Carlos Gonzales Caballero
	500	XEKL	Leon, Guan.	500	Cia Difusora del Bajio, S. A.
	50	XELA	Saltillo, Coah.	50	Enrique Gomez

1250 Kilocycles 239.9 Meters

	150	CMCG	Havana, Cuba	150	E. Pareda.
	150	CMCK	Santiago, Cuba	150	Pinol Batlle y Cia.
	1000	KFOX	Long Beach, Cal.	1000	Nicholas & Warinner, Inc.
	1000	WCAL	Northfield, Minn.	1000	St. Olaf College.

<input type="checkbox"/>	<input type="checkbox"/>	WDSU	New Orleans, La.
<input type="checkbox"/>	<input type="checkbox"/>	WHBI	Newark, N. J.
<input type="checkbox"/>	<input type="checkbox"/>	WLB	Minneapolis, Minn.
<input type="checkbox"/>	<input type="checkbox"/>	WNEW	Newark, N. J.
<input type="checkbox"/>	<input type="checkbox"/>	WTCN	Minneapolis, Minn.

1500	WDSU, Inc.
1000	Hoyt Bros., Inc.
1000	Univ. of Minnesota.
1000	WODAAM Corp.
1000	Minnesota Broadcasting Corp.

1260 Kilocycles 238.0 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CFRN	Edmonton, Alta.
<input type="checkbox"/>	<input type="checkbox"/>	KGVO	Missoula, Mont.
<input type="checkbox"/>	<input type="checkbox"/>	KOIL	Council Bluffs, Iowa
<input type="checkbox"/>	<input type="checkbox"/>	KPAC	Port Arthur, Tex.
<input type="checkbox"/>	<input type="checkbox"/>	KRGV	Weslaco, Texas
<input type="checkbox"/>	<input type="checkbox"/>	KUOA	Fayetteville, Ark.
<input type="checkbox"/>	<input type="checkbox"/>	KVOA	Tucson, Ariz.
<input type="checkbox"/>	<input type="checkbox"/>	WHIO	Dayton, Ohio
<input type="checkbox"/>	<input type="checkbox"/>	WNBX	Springfield, Vt.
<input type="checkbox"/>	<input type="checkbox"/>	WTOC	Savannah, Ga.

100	G. R. A. Rice.
1000	Mosby's Inc.
1000	Mona Motor Oil Co.
500	Port Arthur College.
500	KRGV, Inc.
1000	KUOA, Inc.
500	Arizona Broadcasting Co.
1000	The Dayton Daily News
1000	WNBX Broadcasting Corp.
500	Savannah Broadcasting Co., Inc.

1270 Kilocycles 236.1 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CMHD	Calbarien, Cuba
<input type="checkbox"/>	<input type="checkbox"/>	KGCA	Decorah, Iowa
<input type="checkbox"/>	<input type="checkbox"/>	KOL	Seattle, Wash.
<input type="checkbox"/>	<input type="checkbox"/>	KVOR	Colorado Springs, Col.
<input type="checkbox"/>	<input type="checkbox"/>	KWLC	Decorah, Iowa
<input type="checkbox"/>	<input type="checkbox"/>	LS9	Buenos Aires, Arg.
<input type="checkbox"/>	<input type="checkbox"/>	WASH	Grand Rapids, Mich.
<input type="checkbox"/>	<input type="checkbox"/>	WFBR	Baltimore, Md.
<input type="checkbox"/>	<input type="checkbox"/>	WJDX	Jackson, Miss.
<input type="checkbox"/>	<input type="checkbox"/>	WOOD	Grand Rapids, Mich.
<input type="checkbox"/>	<input type="checkbox"/>	XEG	Ensenada, B. C.
<input type="checkbox"/>	<input type="checkbox"/>	XFB	Jalapa, Ver.

250	Manuel Alvarez.
100	Chas. W. Greenley.
1000	Seattle Broadcasting Co.
1000	S. H. Patterson.
100	Luther College.
3000	"Radio La Voz del Aire"
500	Kunsky-Trendle Broadcasting Corp.
500	Baltimore Radio Show, Inc.
1000	Lamar Life Ins. Co.
500	Kunsky-Trendle Broadcasting Corp.
250	Voice of the Pacific.
1000	Gobierno Estado de Veracruz.

1280 Kilocycles 234.2 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CMCU	Havana, Cuba
<input type="checkbox"/>	<input type="checkbox"/>	KFBB	Great Falls, Mont.
<input type="checkbox"/>	<input type="checkbox"/>	LU7	Bahia Blanca, Arg.
<input type="checkbox"/>	<input type="checkbox"/>	WCAM	Camden, N. J.
<input type="checkbox"/>	<input type="checkbox"/>	WCAP	Asbury Park, N. J.
<input type="checkbox"/>	<input type="checkbox"/>	WDOD	Chattanooga, Tenn.
<input type="checkbox"/>	<input type="checkbox"/>	WIBA	Madison, Wisc.
<input type="checkbox"/>	<input type="checkbox"/>	WORC	Worcester, Mass.
<input type="checkbox"/>	<input type="checkbox"/>	WRR	Dallas, Texas
<input type="checkbox"/>	<input type="checkbox"/>	WTNJ	Trenton, N. J.
<input type="checkbox"/>	<input type="checkbox"/>	XEMX	Mexico, D. F.

150	Jorge Garcia Serra.
1000	Buttrely Broadcasting Co.
5000	
500	City of Camden.
500	Radio Industries Broadcasting Co.
1000	WDOD Broadcasting Corp.
500	Badger Broadcasting Co., Inc.
500	A. F. Kleindienst.
500	City of Dallas.
500	WOAX, Inc.
12	Alfonso T. Avalos

1290 Kilocycles 232.4 Meters

<input type="checkbox"/>	<input type="checkbox"/>	KDYL	Salt Lake City, Utah
<input type="checkbox"/>	<input type="checkbox"/>	KLCN	Blytheville, Ark.
<input type="checkbox"/>	<input type="checkbox"/>	KTRH	Houston, Texas
<input type="checkbox"/>	<input type="checkbox"/>	WEBC	Superior, Wisc.
<input type="checkbox"/>	<input type="checkbox"/>	WJAS	Pittsburgh, Pa.
<input type="checkbox"/>	<input type="checkbox"/>	WNBZ	Saranac Lake, N. Y.
<input type="checkbox"/>	<input type="checkbox"/>	WNEL	San Juan, P. R.

1000	Intermountain Broadcasting Corp.
100	C. L. Lintzenich.
500	KTRH Broadcasting Co.
1000	Head of Lakes Broadcasting Co.
1000	Pitts. Radio Supply House.
100	Smith & Mace.
500	Juan Piza.

1300 Kilocycles 230.6 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CMKJ	Guantanamo, Cuba
<input type="checkbox"/>	<input type="checkbox"/>	KALE	Portland, Ore.
<input type="checkbox"/>	<input type="checkbox"/>	KFAC	Los Angeles, Cal.
<input type="checkbox"/>	<input type="checkbox"/>	KFH	Wichita, Kans.
<input type="checkbox"/>	<input type="checkbox"/>	KFJR	Portland, Ore.
<input type="checkbox"/>	<input type="checkbox"/>	VOAC	St. John's, Nfd.
<input type="checkbox"/>	<input type="checkbox"/>	WBBR	Brooklyn, N. Y.
<input type="checkbox"/>	<input type="checkbox"/>	WEVD	New York, N. Y.
<input type="checkbox"/>	<input type="checkbox"/>	WFAB	New York, N. Y.
<input type="checkbox"/>	<input type="checkbox"/>	WFBC	Greenville, S. C.
<input type="checkbox"/>	<input type="checkbox"/>	WHAZ	Troy, N. Y.
<input type="checkbox"/>	<input type="checkbox"/>	WIOD	Miami, Fla.

20	Luis Morlote.
500	KALE, Inc.
1000	Los Angeles Broadcasting Co., Inc.
1000	Radio Station KFH Co.
500	Ashley C. Dixon.
40	
1000	Peoples Pulpit Assn.
1000	Jewish Daily Forward.
1000	5th Ave. Broadcasting Corp.
1000	Greenville News-Piedmont Co.
500	Rensselaer Poly. Inst.
1000	Metropolis Publishing Co.

1310 Kilocycles 228.9 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CHCK	Charlottetown, P. E. I.
<input type="checkbox"/>	<input type="checkbox"/>	CJKL	Kirkland Lake, Ont.
<input type="checkbox"/>	<input type="checkbox"/>	CJLS	Yarmouth, N. S.
<input type="checkbox"/>	<input type="checkbox"/>	CKCV	Quebec, Que.
<input type="checkbox"/>	<input type="checkbox"/>	KCRJ	Jerome, Ariz.
<input type="checkbox"/>	<input type="checkbox"/>	KFBK	Sacramento, Cal.
<input type="checkbox"/>	<input type="checkbox"/>	KFPL	Dublin, Texas
<input type="checkbox"/>	<input type="checkbox"/>	KFPM	Greenville, Texas
<input type="checkbox"/>	<input type="checkbox"/>	KFXR	Oklahoma City, Okla.
<input type="checkbox"/>	<input type="checkbox"/>	KFYO	Lubbock, Texas
<input type="checkbox"/>	<input type="checkbox"/>	KGCX	Wolf Point, Mont.
<input type="checkbox"/>	<input type="checkbox"/>	KGEZ	Kalispell, Mont.
<input type="checkbox"/>	<input type="checkbox"/>	KGEW	Kearney, Neb.
<input type="checkbox"/>	<input type="checkbox"/>	KIT	Yakima, Wash.

50	W. E. Burke & J. A. Gesner.
100	Northern Broadcasting Co., Ltd.
100	Laurie L. Smith
50	Vandry, Inc.
100	Chas. C. Robinson.
100	Jas. McClatchy Pub. Co.
100	C. C. Baxter.
15	New Furniture Co.
100	Exchange Ave. Baptist Church.
100	Kirksey Bros.
100	E. E. Krebsbach.
100	Donald C. Treloar.
100	Cent. Neb. Broadcasting Corp.
100	Valley Broadcasters, Inc.

KIUJ	Santa Fe, N. Mex.	100	J. H. Speck.
KMED	Medford, Ore.	100	Mrs. W. J. Virgin.
KRMD	Shreveport, La.	100	Radio Station KRMD, Inc.
KTSM	El Paso, Texas	100	Tri-State Broadcasting Co., Inc.
KXRO	Aberdeen, Wash.	100	KXRO, Inc.
	Rochester, Minn.	100	Southern Minnesota Broadcasting Co.
	Tallahassee, Fla.	100	Florida Capitol Broadcasters, Inc.
WAML	Laurel, Miss.	100	Southland Radio Corp.
WBEO	Marquette, Mich.	100	Lake Superior Broadcasting Co., Inc.
WBOW	Terre Haute, Ind.	100	Banks of Wabash, Inc.
WBRE	Wilkes-Barre, Pa.	100	Louis G. Baltimore.
WCLS	Joliet, Ill.	100	WCLS, Inc.
WCMJ	Ashland, Ky.	100	Ashland Broadcasting Co.
WDAH	El Paso, Texas	100	Tri-State Broadcasting Co., Inc.
WEBR	Buffalo, N. Y.	500	Howell Broadcasting Co., Inc.
WEXL	Royal Oak, Mich.	50	Royal Oak Broadcasting Co.
WFBG	Altoona, Pa.	100	Gable Broadcasting Co.
WFDF	Flint, Mich.	100	Flint Broadcasting Co.
WGH	Newport News, Va.	100	Hampton Rds. Broadcasting Corp.
WHAT	Philadelphia, Pa.	100	Curtis-Martin Newspapers, Inc.
WISC	Milwaukee, Wis.	100	Milwaukee Broadcasting Co.
WJAC	Johnstown, Pa.	100	WJAC, Inc.
WLBC	Muncie, Ind.	50	D. A. Burton.
WLNH	Laconia, N. H.	100	Northern Broadcasting Co., Inc.
WMBO	Auburn, N. Y.	100	WMBO, Inc.
WMFF	Plattsburg, N. Y.	100	Plattsburg Broadcasting Corp.
WNBH	New Bedford, Mass.	100	E. Anthony & Sons, Inc.
WOL	Washington, D. C.	100	American Broadcasting Co.
WRAW	Reading, Pa.	100	Reading Broadcasting Co.
WROL	Knoxville, Tenn.	100	Stuart Broadcasting Corp.
WSAJ	Grove City, Pa.	100	Grove City College.
WSGN	Birmingham, Ala.	100	R. B. Broyles.
WSJS	Winston-Salem, N. C.	100	Winston-Salem Journal.
WTEL	Philadelphia, Pa.	100	Foulkrod Radio Eng. Co., Inc.
WTJS	Jackson, Tenn.	100	Sun Publishing Co.
WTRC	Elkhart, Ind.	50	Truth Radio Corp.
XEAJ	Cazaca, Cam.	15	Enrique M. Cihuela
XEC	Tijuana, B. C., Mexico	100	Luis F. Enciso
XECW	Mexico City, D. F.	10	Maria Elena Bravo de Cardero.
XEFC	Merida, Yuc.	100	J. Molina.
XEFW	Tampico, Tamps.	250	J. Expedito Martinez.
XELM	Mineral del Monte, Dgo.	15	Jose Sanchez
XETB	Torreón, Coah.	125	Jose A. Berumen.
XEX	Monterrey, N. L.	125	L. F. Petit Jean.
XFA	Aguascalientes, Ags.	5	Gobierno del Edo de Aguascalientes

1320 Kilocycles 227.1 Meters

CMOX	Havana, Cuba	1325	Perez y Chisholm
KGHF	Pueblo, Colo.	500	C. P. Ritchie.
KGMB	Honolulu, T. H.	1000	Honolulu Broadcasting Co.
KID	Idaho Falls, Idaho	250	KID Broadcasting Co., Inc.
KSO	Des Moines, Iowa	500	Iowa Broadcasting Co.
WADC	Akron, Ohio	1000	Allen T. Simmons.
WORK	York, Pa.	1000	York Broadcasting Co.
WSMB	New Orleans, La.	500	WSMB, Inc.

1330 Kilocycles 225.4 Meters

CMHK	Cruces, Cuba	50	Virgilio Villaeuva Fernandez.
KGB	San Diego, Cal.	1000	Don Lee, Inc.
KMO	Tacoma, Wash.	250	KMO, Inc.
KSCJ	Sioux City, Iowa	1000	Perkins Bros. Co.
WDRC	Hartford, Conn.	1000	WDRC, Inc.
WSAI	Cincinnati, Ohio	1000	Crosley Radio Corp.
WTAQ	Eau Claire, Wisc.	1000	Gillette Rubber Co.

1340 Kilocycles 223.7 Meters

KFPY	Spokane, Wash.	1000	Symons Broadcasting Corp.
KGDY	Huron, S. D.	250	Voice of So. Dakota, Inc.
KGNO	Dodge City, Kans.	250	KGNO Broadcasting Station.
KCOA	Pensacola, Fla.	500	Pensacola Broadcasting Co.
WFEA	Manchester, N. H.	500	New Hampshire Broadcasting Co.
WSPD	Toledo, Ohio	1000	Toledo Broadcasting Co.
XFD	Orizaba, Ver.	250	Gobierno Estado de Veracruz.

1350 Kilocycles 222.1 Meters

CMCA	Havana, Cuba	150	J. M. Gonzales.
KIDO	Boise, Idaho	1000	C. G. Phillips & F. L. Hill.
KWK	St. Louis, Mo.	1000	Thomas Patrick, Inc.
LS6	Buenos Aires, Arg.	4000	"Radio del Pueblo"
WAWZ	Zarephath, N. J.	500	Pillar of Fire.
WBNX	New York, N. Y.	250	Standard Cahill Co.

1360 Kilocycles 220.4 Meters

KGEE	Long Beach, Cal.	1000	Consolidated Broadcasting Co.
KGIR	Butte, Mont.	1000	KGIR, Inc.
WCSC	Charleston, S. C.	500	So. Car. Broadcasting Co., Inc.
WFBL	Syracuse, N. Y.	1000	Onondaga Radio Broadcasting Corp.
WGES	Chicago, Ill.	500	Oak Leaves Broadcasting Station, Inc.
WQBC	Vicksburg, Miss.	500	Delta Broadcasting Co.
WSBT	South Bend, Ind.	500	S. B. Tribune.

1370 Kilocycles 218.8 Meters

CKCW	Moncton, N. B.	100	Moncton Broadcasting Co., Ltd.
CMGE	Cardenas, Cuba	30	Genaro Sebatier.
CX42	Montevideo, Uruguay	1000	
KCRC	Enid, Okla.	100	Enid Radiophone Co.
KELD	Eldorado, Ark.	100	T. H. Barton
KERN	Bakersfield, Cal.	100	Bee Bakersfield Broadcasting Co.
KFGQ	Boone, Iowa	100	Boone Biblical College.
KFJM	Grand Forks, N. D.	100	Univ. of No. Dakota.
KFJZ	Fort Worth, Texas	100	Ft. Worth Broadcasters, Inc.
KFRQ	Longview, Texas	100	Voice of Longview.
KGAR	Tucson, Ariz.	100	Tucson Motor Service Co.
KGFG	Oklahoma City, Okla.	100	Oklahoma Broadcasting Co.
KGFL	Roswell, N. M.	100	KGFL, Inc.
KGKL	San Angelo, Texas	100	KGKL, Inc.
KICA	Clovis, N. M.	100	Southwest Broadcasting Co.
KLUF	Galveston, Texas	100	George R. Clough.
KMAC	San Antonio, Texas	100	W. W. McAllister.
KONO	San Antonio, Texas	100	Mission Broadcasting Co.
KRE	Berkeley, Cal.	100	1st Congregational Church.
KRKO	Everett, Wash.	50	Lee E. Mudgett.
KSLM	Salem, Ore.	100	Oregon Radio, Inc.
KUJ	Walla Walla, Wash.	100	KUJ, Inc.
KVL	Seattle, Wash.	100	KVL, Inc.
KWKC	Kansas City, Mo.	100	Wilson Duncan Broadcasting Co.
KWYO	Sheridan, Wyo.	100	Big Horn Broadcasting Co.
WABY	Albany, N. Y.	100	Adirondack Broadcasting Co., Inc.
WAGF	Dothan, Ala.	100	Dothan Broadcasting Corp.
WBTM	Danville, Va.	100	Piedmont Broadcasting Corp.
WCBM	Baltimore, Md.	100	Baltimore Broadcasting Corp.
WDAS	Philadelphia, Pa.	10	WDAS Broadcasting Co., Inc.
WGL	Fort Wayne, Ind.	100	F. C. Zieg.
WHBD	Portsmouth, Ohio	100	Veebee Corp.
WHBQ	Memphis, Tenn.	100	Broadcasting Station WHBQ, Inc.
WHDF	Laurium, Mich.	100	Upper Mich. Broadcasting Co.
WIBM	Jackson, Mich.	100	WIBM, Inc.
WJTL	Atlanta, Ga.	100	Oglethorpe University.
WLH	Lowell, Mass.	100	Albert S. Moffat.
WMBR	Jacksonville, Fla.	100	F. J. Reynolds.
WMFD	Wilmington, N. C.	100	Richard A. Dunlea.
WMFO	Decatur, Ala.	100	James R. Doss, Jr.
WOC	Davenport, Ia.	100	Palmer School of Chiropractic.
WPEB	Hattiesburg, Miss.	100	George T. Bishop.
WQDM	St. Albans, Vt.	100	A. J. St. Antoine & E. J. Regan.
WRAC	Williamsport, Pa.	100	WRAC, Inc.
WRDO	Augusta, Me.	100	WRDO, Inc.
WRJN	Racine, Wisc.	100	Racine Broadcasting Corp.
WSVS	Buffalo, N. Y.	50	Seneca Voca. High School.
XEFE	Nuevo Laredo, Tamps.	100	R. T. Carrenza
XEFZ	Mexico City, D. F.	100	Manuel Zetina.
XEI	Morelia, Meh.	125	Carlos Gutierrez.
XEZZ	San Luis Potosi, Slp.	100	Emilio Delgado.

1380 Kilocycles 217.3 Meters

	CMBX	Havana, Cuba	250	Alberto Alvarez.
	KOH	Reno, Nev.	500	The Bee, Inc.
	KQV	Pittsburgh, Pa.	500	KQV Broadcasting Co.
	WALA	Mobile, Ala.	500	Pape Broadcasting Corp.
	WKBH	La Crosse, Wisc.	1000	WKBH, Inc.
	WMFE	New Britain, Conn.	250	William J. Sanders.
	WSMK	Dayton, Ohio	200	WSMK, Inc.

1390 Kilocycles 215.7 Meters

□	CJRC	Winnipeg, Man.	100	Jas. Richardson & Sons, Ltd.
□	CMJC	Camaguey, Cuba	150	Feliciano Isaac.
□	HHH	S. Pedro de Macoris, D.R.	15	Domingo Dominguez.
□	KLRA	Little Rock, Ark.	1000	Arkansas Broadcasting Co.
□	KOY	Phoenix, Ariz.	500	Nielson Radio Sptg. Gds. Co.
□	WHK	Cleveland, Ohio	1000	Radio Air Service Corp.

1400 Kilocycles 214.2 Meters

<input type="checkbox"/>	<input type="checkbox"/>	KLO	Ogden, Utah	500	Interstate Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	KTUL	Tulsa, Okla.	250	Tulsa Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	TGX	Guatemala City, Gua.	150	
<input type="checkbox"/>	<input type="checkbox"/>	WARD	Brooklyn, N. Y.	500	U. S. Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WBBC	Brooklyn, N. Y.	500	Brooklyn Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WIRE	Indianapolis, Ind.	500	Indianapolis Broadcasting, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WLTH	Brooklyn, N. Y.	500	Voice of Brooklyn, N. Y.
<input type="checkbox"/>	<input type="checkbox"/>	WVFW	Brooklyn, N. Y.	500	Paramount Broadcasting Corp.

1410 Kilocycles 212.6 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CKFC	Vancouver, B. C.	50	United Church of Canada.
<input type="checkbox"/>	<input type="checkbox"/>	CKMO	Vancouver, B. C.	100	Sprott-Shaw Radio Co.
<input type="checkbox"/>	<input type="checkbox"/>	CMCR	Havana, Cuba	150	Antonio Glnard.
<input type="checkbox"/>	<input type="checkbox"/>	CX44	Montevideo, Uruguay	1000	
<input type="checkbox"/>	<input type="checkbox"/>	KGRS	Amarillo, Texas	1000	E. B. Gish.
<input type="checkbox"/>	<input type="checkbox"/>	WAAB	Boston, Mass.	500	Bay State Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WBCM	Bay City, Mich.	500	James E. Davidson.
<input type="checkbox"/>	<input type="checkbox"/>	WDAG	Amarillo, Texas	1000	Natl. Radio & Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WHBL	Sheboygan, Wisc.	500	Press Publishing Co.
<input type="checkbox"/>	<input type="checkbox"/>	WHIS	Bluefield, W. Va.	250	Daily Telegraph Printing Co.
<input type="checkbox"/>	<input type="checkbox"/>	WRBX	Roanoke, Va.	250	Richmond Development Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WROK	Rockford, Ill.	500	Rockford Broadcasters, Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	WSFA	Montgomery, Ala.	500	Montgomery Broadcasting Co., Inc.

1420 Kilocycles 211.1 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CKGB	Timmins, Ont.	100	Northern Broadcasting Co., Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	CKNC	Toronto, Ont.	100	Canadian National Carbon, Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	CMGI	Colon, Cuba	30	Armando Linanza.
<input type="checkbox"/>	<input type="checkbox"/>	KABC	San Antonio, Texas	100	Alamo Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	KABR	Aberdeen, S. D.	100	Aberdeen Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	KBFS	Portland, Ore.	100	Benson Polytech. School.
<input type="checkbox"/>	<input type="checkbox"/>	KCMC	Texarkana, Ark.	100	M. P. Mims.
<input type="checkbox"/>	<input type="checkbox"/>	KEFZ	Fond du Lac, Wisc.	100	Reporter Printing Co.
<input type="checkbox"/>	<input type="checkbox"/>	KGFF	Shawnee, Okla.	100	KGFF Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	KGGC	San Francisco, Cal.	100	Golden Gate Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	KGIW	Alamosa, Colo.	100	Leonard E. Wilson.
<input type="checkbox"/>	<input type="checkbox"/>	KGIX	Las Vegas, Nev.	100	J. M. Heaton.
<input type="checkbox"/>	<input type="checkbox"/>	KIDW	Lamar, Colo.	100	Lamar Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	KIUN	Pecos, Texas	100	Jack W. Hawkins & Barney N. Hubbs
<input type="checkbox"/>	<input type="checkbox"/>	KORE	Eugene, Ore.	100	C. G. Phillips & F. L. Hill.
<input type="checkbox"/>	<input type="checkbox"/>	KRLC	Lewiston, Idaho	100	H. E. Studebaker.
<input type="checkbox"/>	<input type="checkbox"/>	KUMA	Yuma, Ariz.	100	Dr. A. H. Schermann.
<input type="checkbox"/>	<input type="checkbox"/>	KWBG	Hutchinson, Kans.	100	W. B. Greenwald.
<input type="checkbox"/>	<input type="checkbox"/>	KXL	Portland, Ore.	100	KXL Broadcasters.
<input type="checkbox"/>	<input type="checkbox"/>	WACO	Waco, Texas	100	Southwest Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WAGM	Presque Isle, Me.	100	Aroostook Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WAZL	Hazleton, Pa.	100	Hazleton Broadcasting Service, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WEED	Rocky Mount, N. C.	100	Wm. Avera Wynne.
<input type="checkbox"/>	<input type="checkbox"/>	WEHC	Charlottesville, Va.	100	Community Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WEHS	Cicero, Ill.	100	WEHS, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WELL	Battle Creek, Mich.	100	Enquirer News Co.
<input type="checkbox"/>	<input type="checkbox"/>	WGFC	Albany, Ga.	100	Americus Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WHDL	Olean, N. Y.	100	Olean Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WHFC	Cicero, Ill.	100	WHFC, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WILM	Wilmington, Del.	100	Delaware Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WJBO	Baton Rouge, La.	100	Baton Rouge Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WJMS	Ironwood, Mich.	100	WJMS, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WKBI	Cicero, Ill.	100	WKBI, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WLAP	Lexington, Ky.	100	Amer. Broadcasting Corp. of Ky.
<input type="checkbox"/>	<input type="checkbox"/>	WLBF	Kansas City, Kans.	100	WLBF Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WMAS	Springfield, Mass.	100	WMAS, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WMBC	Detroit, Mich.	100	Michigan Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WMBH	Joplin, Mo.	100	W. M. Robertson.
<input type="checkbox"/>	<input type="checkbox"/>	WMFJ	Daytona Beach, Fla.	100	W. W. Esch.
<input type="checkbox"/>	<input type="checkbox"/>	WNRA	Muscle Shoals, Ala.	100	Muscle Shoals Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WPAD	Paducah, Ky.	100	Paducah Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WPRP	Ponce, P. R.	100	Julio M. Conesa.
<input type="checkbox"/>	<input type="checkbox"/>	WSPA	Spartanburg, S. C.	1000	Voice of South Carolina
<input type="checkbox"/>	<input type="checkbox"/>	XEAZ	Guanajuato, Gto.	7	Antonio Zavala
<input type="checkbox"/>	<input type="checkbox"/>	XEFB	Monterrey, N. L.	100	Jesus Quantanilla.

1430 Kilocycles 209.7 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CMJP	Moron, Cuba	75	Cesar Canail.
<input type="checkbox"/>	<input type="checkbox"/>	KECA	Los Angeles, Cal.	1000	Earle-C. Anthony, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	KGNF	North Platte, Neb.	500	Great Plains Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	KENT	Des Moines, Ia.	250	Iowa Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WBNS	Columbus, Ohio	500	Internatl. Bible Students Assn.
<input type="checkbox"/>	<input type="checkbox"/>	WHEC	Rochester, N. Y.	500	WHEC, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WHP	Harrisburg, Pa.	500	Harrisburg Telegraph.
<input type="checkbox"/>	<input type="checkbox"/>	WNBR	Memphis, Tenn.	500	Memphis Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WOKO	Albany, N. Y.	500	WOKO, Inc.

1440 Kilocycles 208.2 Meters

□	□	KDFN	Casper, Wyo.
□	□	KLS	Oakland, Cal.
□	□	KXYZ	Houston, Texas
□	□	WBIG	Greensboro, N. C.
□	□	WCBA	Allentown, Pa.
□	□	WMBD	Peoria, Ill.
□	□	WSAN	Allentown, Pa.
□	□	WTAD	Quincy, Ill.
□	□	XEFI	Chihuahua, Chih.

500	D. L. Hathaway.
250	Warner Bros.
500	Harris County Broadcasting Co.
500	No. Car. Broadcasting Co., Inc.
500	Lehigh Valley Broadcasting Co.
500	Peoria Broadcasting Co.
500	WSAN, Inc.
500	Illinois Broadcasting Corp.
250	Feliciano Lopez.

1450 Kilocycles 206.8 Meters

□	□	CFCT	Victoria, B. C.
□	□	CHGS	Summerside, P. E. I.
□	□	KTBS	Shreveport, La.
□	□	WGAR	Cleveland, Ohio
□	□	WHOM	Jersey, City N. J.
□	□	WSAR	Fall River, Mass.
□	□	WTFI	Athens, Ga.
□	□		Fecamp, France

75	Victoria Broadcasting Assn.
50	R. T. Holman, Ltd.
1000	Tri-State Broadcasting System.
500	WGAR Broadcasting Co.
250	N. J. Broadcasting Corp.
250	Doughty & Welch Elec. Co., Inc.
500	Liberty Broadcasting Co.
20000	"Radio Normandie."

1460 Kilocycles 205.4 Meters

□	□	CMKF	Holquin, Cuba
□	□	KSTP	St. Paul-Mpls., Minn.
□	□	WJSV	Washington, D. C.

30	Libertad Esq. Arias
10000	Natl. Battery Broadcasting Co.
10000	Old Dominion Broadcasting Corp.

1470 Kilocycles 204.0 Meters

□	□	CMOK	Havana, Cuba
□	□	WLAC	Nashville, Tenn.

250	Rafael Valdes
5000	WLAC, Inc.

1480 Kilocycles 202.6 Meters

□	□	KOMA	Oklahoma City, Okla.
□	□	WKBW	Buffalo, N. Y.

5000	Natl. Radio Mfg. Co.
5000	Buffalo Broadcasting Co.

1490 Kilocycles 201.2 Meters

□	□	CX48	Montevideo, Uruguay
□	□	WCKY	Covington, Ky.

1500	
5000	L. B. Wilson, Inc.

1500 Kilocycles 199.9 Meters

□	□	CMCN	Havana, Cuba
□	□	KDB	Santa Barbara, Cal.
□	□	KGFI	Corpus Christi, Texas
□	□	KGFK	Duluth, Minn.
□	□	KGKB	Tyler, Texas
□	□	KGKY	Scottsbluff, Neb.
□	□	KNOW	Austin, Texas
□	□	KOTN	Pine Bluff, Ark.
□	□	KPJM	Prescott, Ariz.
□	□	KPLC	Lake Charles, La.
□	□	KPQ	Wenatchee, Wash.
□	□	KREG	Santa Ana, Cal.
□	□	KXO	El Centro, Cal.
□	□	WCNW	Brooklyn, N. Y.
□	□	WDNC	Durham, N. C.
□	□	WGAL	Lancaster, Pa.
□	□	WHEF	Kosciusko, Miss.
□	□	WJBK	Detroit, Mich.
□	□	WKBB	East Dubuque, Ill.
□	□	WKBY	Richmond, Ind.
□	□	WKBZ	Muskegon, Mich.
□	□	WKEU	Griffin, Ga.
□	□	WMBQ	Brooklyn, N. Y.
□	□	WMEX	Boston, Mass.
□	□	WNEF	Binghamton, N. Y.
□	□	WOPI	Bristol, Tenn.
□	□	WRDW	Augusta, Ga.
□	□	WRGA	Rome, Ga.
□	□	WSXB	Rutland, Vt.
□	□	WTMV	East St. Louis, Ill.
□	□	WWRL	Woodside, N. Y.
□	□	WWSW	Pittsburgh, Pa.

250	Aurelio Hernandez.
100	Santa Barbara Broadcasters.
100	Eagle Broadcasting Co., Inc.
100	Red River Broadcasting Co., Inc.
100	East Texas Broadcasting Co.
100	Hilliard Co., Inc.
100	Southwest Broadcasting Co.
100	William F. Chaplin.
100	Frank Mauthe.
100	Caloasieu Broadcasting Co.
100	Westcoast Broadcasting Co.
100	Voice of the Orange Empire.
100	E. R. Irey & F. M. Bowles.
100	Arthur Fiske.
100	Durham Radio Corp.
100	WGAL, Inc.
100	Attala Broadcasting Corp.
100	James F. Hopkins, Inc.
100	Sanders Bros. Radio Station.
100	Wm. O. Knox.
100	K. L. Ashbacher & Sons.
100	Radio Station WKEU.
100	Paul J. Gollhofer.
100	Northern Radio Corp.
100	Howitt-Wood Radio Co., Inc.
100	Radiophone Broadcasting Sta. WOPI.
100	Augusta Broadcasting Co.
100	Rome Broadcasting Corp.
100	Philip Weiss Music Co.
100	Mississippi Valley Broadcasting Corp.
100	Long Island Broadcasting Corp.
100	Walker & Downing Radio Corp.

1510 Kilocycles 198.6 Meters

□	□	CFRC	Kingston, Ont.
□	□	CKCR	Waterloo, Ont.

100	Queen's University.
100	W. C. Mitchell & G. Liddle.

1530 Kilocycles 196.0 Meters

□	□	W1XBS	Waterbury, Conn.
□	□	W9XBY	Kansas City, Mo.

1000	Waterbury Republican.
1000	First National Television, Inc.

1550 Kilocycles 193.5 Meters

□	□	W2XR	Bakersfield, Cal.
□	□	W6XAI	Long Island City, N. Y.

1000	Scientific Broadcasting Service.
1000	Pioneer Mercantile Co.

Broadcasting Stations

(BY CALL LETTERS)

<u>CALL</u>	<u>LOCATION</u>	<u>KCS.</u>	<u>CALL</u>	<u>LOCATION</u>	<u>KCS.</u>
CFAC—Calgary, Alta.		930	CKUA—Edmonton, Alta.		580
CFCF—Montreal, Que.		600	CKWX—Vancouver, B. C.		1010
CFCH—North Bay, Ont.		930	CKX—Brandon, Man.		1120
CFCN—Calgary, Alta.		1030	CKY—Winnipeg, Man.		960
CFCO—Chatham, Ont.		1050	CMAF—Havana, Cuba		730
CFCT—Victoria, B. C.		1450	CMBC—Havana, Cuba		940
CFCY—Charlottetown, P. E. I.		630	CMBD—Havana, Cuba		1170
CFJC—Kamloops, B. C.		880	CMBG—Havana, Cuba		1140
CFLC—Prescott, Ont.		930	CMBS—Havana, Cuba		770
CFNB—Fredericton, N. B.		550	CMBX—Havana, Cuba		1380
CFPL—London, Ont.		730	CMBY—Havana, Cuba		635
CFQC—Saskatoon, Sask.		1230	CMBZ—Havana, Cuba		1005
CFRB—Toronto, Ont.		690	CMC—Havana, Cuba		835
CFRC—Kingston, Ont.		1510	CMCA—Havana, Cuba		1350
CFRN—Edmonton, Alta.		1260	CMCB—Havana, Cuba		1230
CHAB—Moose Jaw, Sask.		1200	CMCD—Havana, Cuba		955
CHCK—Charlottetown, P. E. I.		1310	CMCF—Havana, Cuba		815
CHGS—Summerside, P. E. I.		1450	CMCG—Havana, Cuba		1255
CHLP—Montreal, Que.		1120	CMCJ—Havana, Cuba		1200
CHML—Hamilton, Ont.		1010	CMCM—Havana, Cuba		1405
CHNC—New Carlisle, Que.		1210	CMCN—Havana, Cuba		1500
CHNS—Halifax, N. S.		930	CMCO—Havana, Cuba		1110
CHRC—Quebec, Que.		580	CMCQ—Havana, Cuba		680
CHSJ—St. John, N. B.		1120	CMCR—Havana, Cuba		1410
CHWC—Regina, Sask.		1010	CMCU—Havana, Cuba		1280
CHWK—Chilliwack, B. C.		780	CMCW—Havana, Cuba		750
CJAT—Trail, B. C.		910	CMCX—Havana, Cuba		660
CJCA—Edmonton, Alta.		730	CMCY—Havana, Cuba		1030
CJCB—Sydney, N. S.		1240	CMGE—Cardenas, Cuba		1375
CJCC—Calgary, Alta.		690	CMGF—Matanzas, Cuba		987
CJCU—Aklavik, Canada		1210	CMGH—Matanzas, Cuba		1040
CJGX—Yorkton, Sask.		630	CMGI—Colon, Cuba		1420
CJIC—Sault Ste. Marie, Ont.		890	CMHA—Sagua la Grande, Cuba		1070
CJKL—Kirkland Lake, Ont.		1310	CMHB—San Spiritus, Cuba		1245
CJLS—Yarmouth, N. S.		1310	CMHD—Caibarien, Cuba		1270
CJOC—Lethbridge, Alta.		1230	CMHI—Santa Clara, Cuba		1210
CJOR—Vancouver, B. C.		600	CMHJ—Cienfuegos, Cuba		1180
CJRC—Winnipeg, Man.		1390	CMHK—Cruces, Cuba		1330
CJRM—Moose Jaw, Sask.		540	CMHW—Cienfuegos, Cuba		810
CKAC—Montreal, Que.		730	CMJC—Camaguey, Cuba		1390
CKBI—Prince Albert, Sask.		1210	CMJE—Camaguey, Cuba		1175
CKCD—Vancouver, B. C.		1010	CMJF—Camaguey, Cuba		1150
CKCH—Hull, Que.		1210	CMJG—Camaguey, Cuba		1010
CKCK—Regina, Sask.		1010	CMJH—Ciego de Avila, Cuba		1360
CKCL—Toronto, Ont.		580	CMJI—Ciego de Avila, Cuba		1210
CKCO—Ottawa, Ont.		1010	CMJK—Camaguey, Cuba		760
CKCR—Waterloo, Ont.		1510	CMJL—Camaguey, Cuba		960
CKCV—Quebec, Que.		1310	CMJO—Ciego de Avila, Cuba		720
CKCW—Moncton, N. B.		1370	CMJP—Moron, Cuba		1430
CKFC—Vancouver, B. C.		1410	CMK—Havana, Cuba		1060
CKGB—Timmins, Ont.		1420	CMKC—Sanitago, Cuba		1250
CKIC—Wolfville, N. S.		1010	CMKF—Holquin, Cuba		1460
CKLW—Windsor, Ont.		1030	CMKJ—Guantanamo, Cuba		1300
CKMC—Cobalt, Ont.		1210	CMKM—Manzanillo, Cuba		940
CKMO—Vancouver, B. C.		1410	CMOA—Havana, Cuba		790
CKNC—Toronto, Ont.		1420	CMOK—Havana, Cuba		1470
CKOC—Hamilton, Ont.		1120	CMOX—Havana, Cuba		1325
CKOV—Kelowna, B. C.		630	CMQ—Havana, Cuba		840
CKPC—Brantford, Ont.		930	CMW—Havana, Cuba		600
CKPR—Fort William, Ont.		930	CMX—Havana, Cuba		920
CKSO—Sudbury, Ont.		780	CP4—LaPaz, Bolivia		1040
CKTB—St. Catherines, Ont.		1200	CPX—LaPaz, Bolivia		1230

CRCK—Quebec, Que.	1050	KFJM—Grand Forks, N. D.	1370
CRCM—Montreal, Que.	910	KFJR—Portland, Ore.	1300
CRCO—Ottawa, Ont.	880	KFJZ—Fort Worth, Texas	1370
CRCS—Chicoutimi, Que.	950	KFKA—Greeley, Colo.	880
CRCT—Toronto, Ont.	840	KFKU—Lawrence, Kans.	1220
CRCV—Vancouver, B. C.	1100	KFNF—Shenandoah, Iowa	890
CRCW—Windsor, Ont.	600	KFOR—Lincoln, Neb.	1210
CTIGL—Paredo, Portugal	1031	KFOX—Long Beach, Cal.	1250
CX4—Montevideo, Uruguay	610	KFPL—Dublin, Texas	1310
CX5—Montevideo, Uruguay	650	KFFM—Greenville, Texas	1310
CX8—Montevideo, Uruguay	690	KFPW—Fort Smith, Ark.	1210
CX10—Montevideo, Uruguay	730	KFPY—Spokane, Wash.	1340
CX14—Montevideo, Uruguay	810	KFQD—Anchorage, Alaska	780
CX16—Montevideo, Uruguay	850	KFRC—San Francisco, Cal.	610
CX24—Montevideo, Uruguay	1010	KFRO—Longview, Texas	1370
CX26—Montevideo, Uruguay	1050	KFRU—Columbia, Mo.	630
CX28—Montevideo, Uruguay	1090	KFSD—San Diego, Cal.	600
CX42—Montevideo, Uruguay	1370	KFSG—Los Angeles, Cal.	1120
CX44—Montevideo, Uruguay	1410	KFUO—St. Louis, Mo.	550
CX48—Montevideo, Uruguay	1490	KFVD—Los Angeles, Cal.	1000
EAJ7—Madrid, Spain	1095	KFVS—Cape Girardeau, Mo.	1210
FQN—St. Pierre, Miq. Is.	609	KFWB—Hollywood, Cal.	950
HAL—Budapest No. 2, Hungary	546	KFXD—Nampa, Idaho	1200
HHK—Port-au-Prince, Haiti	920	KFXJ—Grand Junction, Colo.	1200
HHH—San Pedro de Macoris, D. R.	1395	KFXM—San Bernardino, Cal.	1210
HIX—Santo Domingo, D. R.	575	KFXR—Oklahoma City, Okla.	1310
HJN—Bogota, Colombia	680	KFYO—Lubbock, Texas	1310
IMI—Milan, Italy	814	KFYR—Bismarck, N. D.	550
IIO—Rome, Italy	713	KGA—Spokane, Wash.	900
IIO—Turin, Italy	1140	KGAR—Tucson, Ariz.	1370
IITR—Trieste, Italy	1223	KGB—San Diego, Cal.	1330
KABC—San Antonio, Tex.	1420	KGBU—Ketchikan, Alaska	900
KABR—Aberdeen, S. D.	1420	KGBX—Springfield, Mo.	1230
KADA—Ada, Okla.	1200	KGBZ—York, Neb.	930
KALE—Portland, Ore.	1300	KGCA—Decorah, Iowa	1270
KARK—Little Rock, Ark.	890	KGCU—Mandan, N. D.	1240
KASA—Elk City, Okla.	1210	KGEX—Wolf Point, Mont.	1310
KBPS—Portland, Ore.	1420	KGDE—Fergus Falls, Minn.	1200
KBTM—Jonesboro, Ark.	1200	KGDM—Stockton, Cal.	1100
KCMC—Texarkana, Ark.	1420	KGDY—Huron, S. D.	1340
KCRC—Enid, Okla.	1370	KGEK—Sterling, Colo.	1200
KCRJ—Jerome, Ariz.	1310	KGER—Long Beach, Cal.	1360
KDB—Santa Barbara, Cal.	1500	KGEZ—Kalispell, Mont.	1310
KDFN—Casper, Wyo.	1440	KGFF—Shawnee, Okla.	1420
KDKA—Pittsburgh, Pa.	980	KGFG—Oklahoma City, Okla.	1370
KDLR—Devils Lake, N. D.	1210	KGFI—Corpus Christi, Texas	1500
KDYL—Salt Lake City, Utah	1290	KGJJ—Los Angeles, Cal.	1200
KECA—Los Angeles, Cal.	1430	KGFK—Duluth, Minn.	1500
KELD—Eldorado, Ark.	1370	KGFL—Roswell, N. Mex.	1370
KELW—Burbank, Cal.	780	KGFW—Kearney, Neb.	1310
KERN—Bakersfield, Cal.	1370	KGFX—Pierre, S. D.	630
KEX—Portland, Ore.	1180	KGGC—San Francisco, Cal.	1420
KFAB—Lincoln, Neb.	770	KGGE—Coffeyville, Kans.	1010
KFAC—Los Angeles, Cal.	1300	KGGM—Albuquerque, N. Mex.	1230
KFBB—Great Falls, Mont.	1280	KGHF—Pueblo, Colo.	1320
KFBI—Abilene, Kans.	1050	KGHI—Little Rock, Ark.	1200
KFBK—Sacramento, Cal.	1310	KGHL—Billings, Mont.	780
KFDM—Beaumont, Texas	560	KGIR—Butte, Mont.	1360
KFDY—Brookings, S. D.	780	KGIW—Alamosa, Colo.	1420
KFEL—Denver, Colo.	920	KGIX—Las Vegas, Nev.	1420
KFEQ—St. Joseph, Mo.	680	KGKB—Tyler, Texas	1500
KFGQ—Boone, Iowa	1370	KGKL—San Angelo, Texas	1370
KFH—Wichita, Kans.	1300	KGKO—Wichita Falls, Texas	1240
KFI—Los Angeles, Cal.	640	KGKY—Scottsbluff, Neb.	1500
KFIO—Spokane, Wash.	1120	KGMB—Honolulu, Hawaii	1320
KFIZ—Fond du Lac, Wis.	1420	KGNE—North Platte, Neb.	1430
KFJB—Marshalltown, Iowa	1200	KGNO—Dodge City, Kans.	1340
KFJI—Klamath Falls, Ore.	1210	KGO—San Francisco, Cal.	790

KGRS—Amarillo, Texas	1410	KRE—Berkeley, Cal.	1370
KGU—Honolulu, Hawaii	750	KREG—Santa Ana, Cal.	1500
KGVO—Missoula, Mont.	1260	KRGV—Weslaco, Texas	1260
KGW—Portland, Ore.	620	KRKD—Los Angeles, Cal.	1120
KGY—Olympia, Wash.	1210	KRKO—Everett, Wash.	1370
KHJ—Los Angeles, Cal.	900	KRLC—Lewiston, Idaho	1420
KHQ—Spokane, Wash.	590	KRLD—Dallas, Texas	1040
KHSL—Chico, Cal.	950	KRMD—Shreveport, La.	1310
KICA—Clovis, N. Mex.	1370	KRNT—Des Moines, Ia.	1430
KID—Idaho Falls, Idaho	1320	KROW—Oakland, Cal.	930
KIDO—Boise, Idaho	1350	KRSC—Seattle, Wash.	1120
KIDW—Lamar, Colo.	1420	KSAC—Manhattan, Kans.	580
KIEM—Eureka, Cal.	1210	KSCJ—Sioux City, Iowa	1330
KIEV—Glendale, Cal.	850	KSD—St. Louis, Mo.	550
KINY—Juneau, Alaska	610	KSEI—Pocatello, Idaho	890
KIT—Yakima, Wash.	1310	KSL—Salt Lake City, Utah	1130
KIUL—Garden City, Kans.	1210	KSLM—Salem, Ore.	1370
KIUN—Pecos, Texas	1420	KSO—Des Moines, Iowa	1320
KIWO—Ardmore, Okla.	1210	KSOO—Sioux Falls, S. D.	1110
KJBS—San Francisco, Cal.	1070	KSTP—St. Paul—Minneapolis, Minn.	1460
KJR—Seattle, Wash.	970	KSUN—Bisbee, Ariz.	1200
KLCN—Blytheville, Ark.	1290	KTAB—San Francisco, Cal.	560
KLO—Ogden, Utah	1400	KTAR—Phoenix, Ariz.	620
KLPM—Minot, N. D.	1210	KTAT—Fort Worth, Tex.	570
KLRA—Little Rock, Ark.	1390	KTBS—Shreveport, La.	1450
KLS—Oakland, Cal.	1440	KTFI—Twin Falls, Idaho	1240
KLUF—Galveston, Tex.	1370	KTHS—Hot Springs, Ark.	1060
KLX—Oakland, Cal.	880	KTM—Los Angeles, Cal.	780
KLZ—Denver, Colo.	560	KTRB—Modesto, Cal.	740
KMA—Shenandoah, Iowa	930	KTRH—Houston, Texas	1290
KMAC—San Antonio, Tex.	1370	KTSA—San Antonio, Texas	550
KMBC—Kansas City, Mo.	950	KTSM—El Paso, Texas	1310
KMED—Medford, Ore.	1310	KTUL—Tulsa, Okla.	1400
KMJ—Fresno, Cal.	580	KTW—Seattle, Wash.	1220
KMLB—Monroe, La.	1200	KUJ—Walla Walla, Wash.	1370
KMMJ—Clay Center, Neb.	740	KUMA—Yuma, Ariz.	1420
KMO—Tacoma, Wash.	1330	KUOA—Fayetteville, Ark.	1260
KMOX—St. Louis, Mo.	1090	KUSD—Vermillion, S. D.	890
KMPC—Beverly Hills, Cal.	710	KVI—Tacoma, Wash.	570
KMTR—Hollywood, Cal.	570	KVL—Seattle, Wash.	1370
KNOW—Austin, Texas	1500	KVOA—Tucson, Ariz.	1260
KNX—Hollywood, Cal.	1050	KVOD—Denver, Colo.	920
KOA—Denver, Colo.	830	KVOO—Tulsa, Okla.	1140
KOAC—Corvallis, Ore.	550	KVOR—Colorado Springs, Colo.	1270
KOB—Albuquerque, N. Mex.	1180	KVOS—Bellingham, Wash.	1200
KOH—Reno, Nev.	1380	KWBG—Hutchinson, Kans.	1420
KOIL—Council Bluffs, Ia.	1260	KWEA—Shreveport, La.	1210
KOIN—Portland, Ore.	940	KWFF—Hilo, Hawaii	1210
KOL—Seattle, Wash.	1270	KWG—Stockton, Cal.	1200
KOMA—Oklahoma City, Okla.	1480	KWJJ—Portland, Ore.	1040
KOMO—Seattle, Wash.	920	KWK—St. Louis, Mo.	1350
KONO—San Antonio, Tex.	1370	KWKC—Kansas City, Mo.	1370
KOOS—Marshfield, Ore.	1200	KWKH—Shreveport, La.	1100
KORE—Eugene, Ore.	1420	KWLC—Decorah, Iowa	1270
KOTN—Pine Bluff, Ark.	1500	KWSC—Pullman, Wash.	1220
KOY—Phoenix, Ariz.	1390	KWTN—Watertown, S. D.	1210
KPAC—Port Arthur, Texas	1260	KWTO—Springfield, Mo.	560
KPCB—Seattle, Wash.	710	KWYO—Sheridan, Wyo.	1370
KPJM—Prescott, Ariz.	1500	KXA—Seattle, Wash.	760
KPLC—Lake Charles, La.	1500	KXL—Portland, Ore.	1420
KPO—San Francisco, Cal.	680	KXO—El Centro, Cal.	1500
KPOF—Denver, Colo.	880	KXRO—Aberdeen, Wash.	1310
KPPC—Pasadena, Cal.	1210	KXYZ—Houston, Tex.	1440
KPQ—Wenatchee, Wash.	1500	KYA—San Francisco, Cal.	1230
KPRC—Houston, Texas	920	KYW—Philadelphia, Pa.	1020
KQV—Pittsburgh, Pa.	1380	KZEG—Manila, P. I.	720
KQW—San Jose, Cal.	1010	KZRM—Manila, P. I.	618.5
		LR2—Buenos Aires, Arg.	910

LR3—Buenos Aires, Arg.	950	WBEO—Marquette, Mich.	1310
LR4—Buenos Aires, Arg.	990	WBHS—Huntsville, Ala.	1200
LR5—Buenos Aires, Arg.	830	WBIG—Greensboro, N. C.	1440
LR6—Buenos Aires, Arg.	870	WBNO—New Orleans, La.	1200
LR8—Buenos Aires, Arg.	1150	WBNS—Columbus, O.	1430
LR9—Buenos Aires, Arg.	1030	WBNX—New York, N. Y.	1350
LR10—Buenos Aires, Arg.	790	WBOQ—New York, N. Y.	860
LS1—Buenos Aires, Arg.	710	WBOW—Terre Haute, Ind.	1310
LS2—Buenos Aires, Arg.	1190	WBRB—Red Bank, N. J.	1210
LS3—Buenos Aires, Arg.	630	WBRC—Birmingham, Ala.	930
LS4—Buenos Aires, Arg.	670	WBRE—Wilkes-Barre, Pa.	1310
LS5—Buenos Aires, Arg.	1110	WBSO—Babson Park, Mass.	920
LS6—Buenos Aires, Arg.	1350	WBT—Charlotte, N. C.	1080
LS8—Buenos Aires, Arg.	1230	WBTM—Danville, Va.	1370
LS9—Buenos Aires, Arg.	1270	WBZ—Boston, Mass.	990
LS10—Buenos Aires, Arg.	590	WBZA—Springfield, Mass.	990
LU7—Bahia Blanca, Arg.	1280	WCAC—Storrs, Conn.	600
NAA—Arlington, Va.	690	WCAD—Canton, N. Y.	1220
OKP—Prague, Czech.	638	WCAE—Pittsburgh, Pa.	1220
RDN—San Salvadore, Sal.	680	WCAI—Northfield, Minn.	1250
SBH—Hörby, Sweden	1130	WCAM—Camden, N. J.	1280
SR—Falkirk, Scotland	804	WCAO—Baltimore, Md.	600
TGW—Guatemala City, Guat.	565	WCAP—Asbury Park, N. J.	1280
TGX—Guatemala City, Guat.	1400	WCAT—Rapid City, S. D.	1200
TICR—San Jose, C. R.	912	WCAU—Philadelphia, Pa.	1170
TIGP—San Jose, C. R.	800	WCAX—Burlington, Vt.	1200
TIRCA—San Jose, C. R.	1100	WCAZ—Carthage, Ill.	1070
TISO—San Jose, C. R.	550	WCB—Allentown, Pa.	1440
VAS—Glac Bay, N. S.	685	WCB—Waukegan, Ill.	1080
VE9EK—Montmagny, Que.	1195	WCBM—Baltimore, Md.	1370
VOAC—St. John's, Nfd.	1300	WCBS—Springfield, Ill.	1210
VOAS—St. John's, Nfd.	940	WCCO—Minneapolis-St. Paul, Minn.	810
VOGY—St. John's, Nfd.	840	WCFL—Chicago, Ill.	970
VONF—St. John's, Nfd.	1195	WCHS—Charleston, W. Va.	580
VOWR—St. John's, Nfd.	681	WCKY—Covington, Ky.	1490
WAAB—Boston, Mass.	1410	WCLO—Jamesville, Wis.	1200
WAAF—Chicago, Ill.	920	WCLS—Joliet, Ill.	1310
WAAT—Jersey City, N. J.	940	WCML—Ashland, Ky.	1310
WAAW—Omaha, Neb.	660	WCNW—Brooklyn, N. Y.	1500
WABC—New York, N. Y.	860	WCOA—Pensacola, Fla.	1340
WABI—Bangor, Me.	1209	WCOC—Meridian, Miss.	880
WABY—Albany, N. Y.	1370	WCOL—Columbus, Ohio	1210
WACO—Waco, Texas	1420	WCRW—Chicago, Ill.	1210
WADC—Akron, Ohio	1320	WCSC—Charleston, S. C.	1360
WAGF—Dothan, Ala.	1370	WCSH—Portland, Me.	940
WAGM—Presque Isle, Maine	1420	WDAE—Tampa, Fla.	1220
WAIM—Anderson, S. C.	1200	WDAF—Kansas City, Mo.	610
WAIU—Columbus, Ohio	640	WDAG—Amarillo, Texas	1410
WALA—Mobile, Ala.	1380	WDAH—El Paso, Texas	1310
WALR—Zanesville, Ohio	1210	WDAS—Philadelphia, Pa.	1370
WAML—Laurel, Miss.	1310	WDAY—Fargo, N. D.	940
WAPI—Birmingham, Ala.	1140	WDBJ—Roanoke, Va.	930
WARD—Brooklyn, N. Y.	1400	WDBO—Orlando, Fla.	580
WASH—Grand Rapids, Mich.	1270	WDEL—Wilmington, Del.	1120
WATR—Waterbury, Conn.	1190	WDEV—Waterbury, Vt.	550
WAVE—Louisville, Ky.	940	WDGY—Minneapolis, Minn.	1180
WAWZ—Zarephath, N. J.	1350	WDNC—Durham, N. C.	1500
WAZL—Hazleton, Pa.	1420	WDOD—Chattanooga, Tenn.	1280
WBAA—W. Lafayette, Ind.	890	WDRC—Hartford, Conn.	1330
WBAL—Baltimore, Md.	760-1060	WDSU—New Orleans, La.	1250
WBAP—Ft. Worth, Tex.	800	WDZ—Tuscola, Ill.	1070
WBAX—Wilkes-Barre, Pa.	1210	WEAF—New York, N. Y.	660
WBBC—Brooklyn, N. Y.	1400	WEAN—Providence, R. I.	780
WBBL—Richmond, Va.	1210	WEBC—Superior, Wisc.	1290
WBBM—Chicago, Ill.	770	WEBQ—Harrisburg, Ill.	1210
WBBR—Brooklyn, N. Y.	1300	WEBR—Buffalo, N. Y.	1310
WBBZ—Ponca City, Okla.	1200	WEDC—Chicago, Ill.	1210
WBCM—Bay City, Mich.	1410	WEED—Rocky Mount, N. C.	1420
WBEN—Buffalo, N. Y.	900	WEEL—Boston, Mass.	590

WEEU—Reading, Pa.	830	WIBG—Glenside, Pa.	970
WEHC—Charlottesville, Va.	1350	WIBM—Jackson, Mich.	1370
WEHS—Cicero, Ill.	1420	WIBU—Poynette, Wis.	1210
WELL—Battle Creek, Mich.	1420	WIBW—Topeka, Kans.	580
WENR—Chicago, Ill.	870	WIBX—Utica, N. Y.	1200
WESG—Elmira, N. Y.	850	WICC—Bridgeport, Conn.	600
WEVD—New York, N. Y.	1300	WIL—St. Louis, Mo.	1200
WEW—St. Louis, Mo.	760	WILL—Urbana, Ill.	890
WEXL—Royal Oak, Mich.	1310	WILM—Wilmington, Del.	1420
WFAA—Dallas, Texas	890	WIND—Gary, Ind.	560
WFAB—New York, N. Y.	1300	WINS—New York, N. Y.	1180
WFAM—South Bend, Ind.	1200	WIOD—Miami, Fla.	1300
WFAS—White Plains, N. Y.	1210	WIP—Philadelphia, Pa.	610
WFBC—Greenville, S. C.	1300	WIRE—Indianapolis, Ind.	1400
WFBE—Cincinnati, Ohio	1200	WIS—Columbia, S. C.	1010
WFBG—Altoona, Pa.	1310	WISC—Milwaukee, Wis.	1310
WFB�—Syracuse, N. Y.	1360	WISN—Milwaukee, Wis.	1120
WFBM—Indianapolis, Ind.	1230	WJAC—Johnstown, Pa.	1310
WFBK—Baltimore, Md.	1270	WJAG—Norfolk, Neb.	1060
WFDF—Flint, Mich.	1310	WJAR—Providence, R. I.	890
WFEA—Manchester, N. H.	1340	WJAS—Pittsburgh, Pa.	1290
WFIL—Philadelphia, Pa.	560	WJAX—Jacksonville, Fla.	990
WFLA—Clearwater, Fla.	620	WJAY—Cleveland, Ohio	610
WGAL—Lancaster, Pa.	1500	WJBC—Normal, Ill.	1200
WGAR—Cleveland, Ohio	1450	WJBK—Detroit, Mich.	1500
WGBB—Freeport, N. Y.	1210	WJBL—Decatur, Ill.	1200
WGBF—Evansville, Ind.	630	WJBO—Baton Rouge, La.	1420
WGBI—Scranton, Pa.	880	WJBW—New Orleans, La.	1200
WGCM—Mississippi City, Miss.	1210	WJBY—Gadsden, Ala.	1210
WGES—Chicago, Ill.	1360	WJDX—Jackson, Miss.	1270
WGH—Newport News, Va.	1310	WJEJ—Hagerstown, Md.	1210
WGL—Fort Wayne, Ind.	1370	WJIM—Lansing, Mich.	1210
WGN—Chicago, Ill.	720	WJJD—Chicago, Ill.	1130
WGNV—Chester, N. Y.	1210	WJMS—Ironwood, Mich.	1420
WGPC—Albany, Ga.	1420	WJR—Detroit, Mich.	750
WGR—Buffalo, N. Y.	550	WJSV—Washington, D. C.	1460
WGST—Atlanta, Ga.	890	WJTL—Atlanta, Ga.	1370
WGY—Schenectady, N. Y.	790	WJW—Akron, Ohio	1210
WHA—Madison, Wis.	940	WJZ—New York, N. Y.	760
WHAM—Rochester, N. Y.	1150	WKAQ—San Juan, P. R.	1240
WHAS—Louisville, Ky.	820	WKAR—East Lansing, Mich.	1040
WHAT—Philadelphia, Pa.	1310	WKBB—East Dubuque, Ill.	1500
WHAZ—Troy, N. Y.	1300	WKBH—La Crosse, Wis.	1380
WHB—Kansas City, Mo.	860	WKBI—Cicero, Ill.	1420
WHBC—Canton, Ohio	1200	WKBN—Youngstown, Ohio	570
WHBD—Portsmouth, Ohio	1370	WKBO—Harrisburg, Pa.	1200
WHBF—Rock Island, Ill.	1210	WKBV—Richmond, Ind.	1500
WHBI—Newark, N. J.	1250	WKBW—Buffalo, N. Y.	1480
WHBL—Sheboygan, Wis.	1410	WKBZ—Muskegon, Mich.	1500
WHBQ—Memphis, Tenn.	1370	WKEU—Griffin, Ga.	1500
WHBU—Anderson, Ind.	1210	WKJC—Lancaster, Pa.	1200
WHBY—Green Bay, Wis.	1200	WKOK—Sunbury, Pa.	1210
WHDF—Laurium, Mich.	1370	WKRC—Cincinnati, Ohio	550
WHDH—Boston, Mass.	830	WKY—Oklahoma City, Okla.	900
WHDL—Olean, N. Y.	1420	WKZO—Kalamazoo, Mich.	590
WHEB—Portsmouth, N. H.	740	WLAC—Nashville, Tenn.	1470
WHEC—Rochester, N. Y.	1430	WLAP—Lexington, Ky.	1420
WHEF—Kosciusko, Miss.	1500	WLB—Minneapolis-St. Paul, Minn.	1250
WHFC—Cicero, Ill.	1420	WLBK—Muncie, Ind.	1310
WHIO—Dayton, Ohio	1260	WLBK—Kansas City, Kans.	1420
WHIS—Bluefield, W. Va.	1410	WLBL—Stevens Point, Wis.	900
WHJB—Greensburg, Pa.	620	WLBZ—Bangor, Me.	620
WHK—Cleveland, Ohio	1390	WLLH—Lowell, Mass.	1370
WHN—New York, N. Y.	1010	WLNH—Laconia, N. H.	1310
WHO—Des Moines, Ia.	1000	WLS—Chicago, Ill.	870
WHOM—Jersey City, N. J.	1450	WLTH—Brooklyn, N. Y.	1400
WHP—Harrisburg, Pa.	1430	WLVA—Lynchburg, Va.	1200
WIBA—Madison, Wis.	1280	WLW—Cincinnati, Ohio	700

WLWL—New York, N. Y.	1100	WQDM—St. Albans, Vt.	1370
WMAL—Washington, D. C.	630	WRAK—Williamsport, Pa.	1370
WMAQ—Chicago, Ill.	670	WRAW—Reading, Pa.	1310
WMAS—Springfield, Mass.	1420	WRAX—Philadelphia, Pa.	920
WMAZ—Macon, Ga.	1180	WRBL—Columbus, Ga.	1200
WMBC—Detroit, Mich.	1420	WRBX—Roanoke, Va.	1410
WMBD—Peoria, Ill.	1440	WRC—Washington, D. C.	950
WMBG—Richmond, Va.	1210	WRDO—Augusta, Me.	1370
WMBH—Joplin, Mo.	1420	WRDW—Augusta, Ga.	1500
WMBI—Chicago, Ill.	1080	WREC—Memphis, Tenn.	600
WMBO—Auburn, N. Y.	1310	WREN—Lawrence, Kans.	1220
WMBQ—Brooklyn, N. Y.	1500	WREG—Rome, Ga.	1500
WMBR—Jacksonville, Fla.	1370	WRJN—Racine, Wis.	1370
WMC—Memphis, Tenn.	780	WROK—Rockford, Ill.	1410
WMCA—New York, N. Y.	570	WROL—Knoxville, Tenn.	1310
WMEX—Boston, Mass.	1500	WRR—Dallas, Texas	1280
WMFD—Wilmington, N. C.	1370	WRUF—Gainesville, Fla.	830
WMFE—New Britain, Conn.	1420	WRYA—Richmond, Va.	1110
WMFF—Plattsburg, N. Y.	1310	WSAI—Cincinnati, Ohio	1330
WMFG—Hibbing, Minn.	1210	WSAJ—Grove City, Pa.	1310
WMFJ—Daytona Beach, Fla.	1420	WSAN—Allentown, Pa.	1440
WMFN—Clarksdale, Miss.	1210	WSAR—Fall River, Mass.	1450
WMFO—Decatur, Ala.	1370	WSAZ—Huntington, W. Va.	1190
WMMN—Fairmont, W. Va.	890	WSB—Atlanta, Ga.	740
WMPC—Lapeer, Mich.	1200	WSBC—Chicago, Ill.	1210
WMT—Cedar Rapids, Iowa	600	WSBT—South Bend, Ind.	1360
WNAC—Boston, Mass.	1230	WSFA—Montgomery, Ala.	1410
WNAD—Norman, Okla.	1010	WSGN—Birmingham, Ala.	1310
WNAX—Yankton, S. D.	570	WSIX—Springfield, Tenn.	1210
WNBK—Binghamton, N. Y.	1500	WSJS—Winston-Salem, N. C.	1310
WNBH—New Bedford, Mass.	1310	WSM—Nashville, Tenn.	650
WNBK—Memphis, Tenn.	1430	WSMB—New Orleans, La.	1320
WNBX—Springfield, Vt.	1260	WSMK—Dayton, Ohio	1380
WNBZ—Saranac Lake, N. Y.	1290	WSOC—Charlotte, N. C.	1210
WNEL—San Juan, P. R.	1290	WSPA—Spartanburg, S. C.	1420
WNEW—Newark, N. J.	1250	WSPD—Toledo, Ohio	1340
WNOX—Knoxville, Tenn.	560	WSUI—Iowa City, Iowa	880
WNRA—Muscle Shoals, Ala.	1420	WSUN—St. Petersburg, Fla.	620
WNYC—New York, N. Y.	810	WSVA—Staunton, Va.	550
WOAI—San Antonio, Texas	1190	WSVS—Buffalo, N. Y.	1370
WOC—Davenport, Iowa	1370	WSYB—Rutland, Vt.	1500
WOCL—Jamestown, N. Y.	1210	WSYR—Syracuse, N. Y.	570
WOI—Ames, Iowa	640	WSYU—Syracuse, N. Y.	570
WOKO—Albany, N. Y.	1430	WTAD—Quincy, Ill.	1400
WOL—Washington, D. C.	1310	WTAG—Worcester, Mass.	580
WOMT—Manitowoc, Wis.	1210	WTAM—Cleveland, Ohio	1070
WOOD—Grand Rapids, Mich.	1270	WTAQ—Eau Claire, Wis.	1330
WOPI—Bristol, Tenn.	1500	WTAR—Norfolk, Va.	780
WOR—Newark, N. J.	710	WTAW—College Station, Texas	1120
WORC—Worcester, Mass.	1280	WTAX—Springfield, Ill.	1210
WORK—York, Pa.	1320	WTBO—Cumberland, Md.	800
WOS—Jefferson City, Mo.	630	WTCN—Minneapolis-St. Paul, Minn.	1250
WOSU—Columbus, Ohio	570	WTEL—Philadelphia, Pa.	1310
WOV—New York, N. Y.	1130	WTFI—Athens, Ga.	1450
WOW—Omaha, Neb.	590	WTIC—Hartford, Conn.	1040
WOWO—Fort Wayne, Ind.	1160	WTJS—Jackson, Tenn.	1310
WPAD—Paducah, Ky.	1420	WTMJ—Milwaukee, Wis.	620
WPAX—Thomasville, Ga.	1210	WTMV—East St. Louis, Ill.	1500
WPEN—Philadelphia, Pa.	920	WTNJ—Trenton, N. J.	1280
WPFH—Hattiesburg, Miss.	1370	WTOC—Savannah, Ga.	1260
WPG—Atlantic City, N. J.	1100	WTRC—Elkhart, Ind.	1310
WPHR—Petersburg, Va.	880	WVFW—Brooklyn, N. Y.	1400
WPRO—Providence, R. I.	630	WWAE—Hammond, Ind.	1200
WPRP—Ponce, P. R.	1420	WWJ—Detroit, Mich.	920
WPTF—Raleigh, N. C.	680	WWL—New Orleans, La.	850
WQAM—Miami, Fla.	560	WWNC—Asheville, N. C.	570
WQAN—Scranton, Pa.	880	WWPA—Clarion, Pa.	850
WQBC—Vicksburg, Miss.	1360	WWRL—Woodside, N. Y.	1500

WWSW—Pittsburgh, Pa.	1500	XFA—Aguascalientes, Ags.	1310
WWVA—Wheeling, W. Va.	1160	XFB—Jalapa, V. C.	1270
WXYZ—Detroit, Mich.	1240	XFC—Aguascalientes, Ags.	810
W1XBS—Waterbury, Conn.	1530	XFD—Orizaba, V. C.	1340
W2XR—Long Island City, N. Y.	1550	XFO—Mexico City, D. F.	940
W6XAI—Bakersfield, Cal.	1550	AFX—Mexico City, D. F.	610
W9XBY—Kansas City, Mo.	1530	XGOA—Nanking, China	660
XEA—Guadalajara, Jal.	1060	YV1RC—Caracas, Venezuela	960
XEAF—Nogales, Sonora	990	YV2RC—Caracas, Venezuela	880
XEAI—Mexico City, D. F.	1240	YV3RC—Caracas, Venezuela	1200
XEAJ—Cazaca, Cam.	1310	YV6RV—Valencia, Venezuela	675
XEAL—Mexico City, D. F.	660	10AK—Stratford, Ont.	1200
XEAM—Nuevo Laredo Tamps.	750	10BP—Wingham, Ont.	1200
XEAO—Mexicali, B. C.	560	1YA—Auckland, N. Z.	650
XEAW—Reynosa, Tamps.	960	2BL—Sydney, Aust.	855
XEAZ—Leon, Guan.	1420	2CO—Corowa, Aust.	560
XEB—Mexico City, D. F.	1030	2FC—Sydney, Aust.	665
XEBC—Agua Caliente, B. C.	730	2YA—Wellington, N. Z.	570
XEC—Tijuana, B. C.	1310	3AR—Melbourne, Aust.	610
XECW—Mexico City, D. F.	1310	3LO—Melbourne, Aust.	806
XED—Guadalajara, Jal.	1160	3YA—Christchurch, N. Z.	720
XEE—Durango, Durango	1210	4QG—Brisbane, Aust.	760
XEFA—Mexico City, D. F.	1180	4RK—Rockhampton, Aust.	910
XEFB—Monterrey, N. L.	1420	4YA—Dunedin, N. Z.	790
XEFC—Merida, Yuc.	1310	5CK—Crystal Brook, Aust.	630
XEFE—Nuevo Laredo, Tamps.	1370	5CL—Adelaide, Aust.	730
XEFG—Mexico City, D. F.	1100	6WF—Perth, Aust.	690
XEFI—Chihuahua, Chih.	720		
XEFJ—Monterrey, N. L.	1230		
XEFL—Tijuana, B. C.	1160		
XEFO—Mexico City, D. F.	940		
XEFV—Juarez, Chih.	1210		
XEFW—Tampico, Tamps.	1310		
XEFZ—Mexico City, D. F.	1370		
XEG—Ensenada, B. C.	1270		
XEH—Monterrey, N. L.	1150		
XEI—Morelia, Mich.	1370		
XEJ—Juarez, Chih.	1020		
XEK—Mexico City, D. F.	990		
XEKL—Leon, Guan.	1240		
XELA—Saltillo, Coah.	1240		
XELC—Col. del Valle, D. F.	740		
XELM—Mineral del Monte, Dgo.	1310		
XELO—Piedras Negras, Coah.	1110		
XEMA—Tampico, Tamps.	1080		
XEMO—Tijuana, B. C.	865		
XEMX—Mexico City, D. F.	1280		
XEMZ—Tijuana, B. C.	1210		
XEN—Mexico City, D. F.	710		
XENT—Nuevo Laredo, Tamps.	910		
XEOK—Tijuana, B. C.	760		
XEOX—Saltillo, Coah.	640		
XEP—Mexico City, D. F.	840		
XEPN—Piedras Negras, Coah.	585		
XES—Tampico, Tamps.	970		
XET—Monterrey, N. L.	690		
XETB—Torreón, Coah.	1310		
XETH—Puebla, Puebla	1210		
XETW—Mexico City, D. F.	820		
XEU—Veracruz, V. C.	1010		
XEW—Mexico City, D. F.	890		
XEWZ—Mexico City, D. F.	1150		
XEX—Monterrey, N. L.	1310		
XEXX—Mexico City, D. F.	845		
XEY—Merida, Yuc.	1200		
XEYZ—Mexico City, D. F.	780		
XEZ—Merida, Yuc.	625		
XEZZ—San Luis Potosí, S. L. P.	1370		

THE DXERS' CORNER

(Continued from Page 7)

as well, or they may be made from copper tubing. In the latter case, fill the tubing with sand and coil around five or six inch log. This gives the greatest grounding surface possible and it is really an excellent ground system".

Manuel Romero, manager of XEFE, "The Voice of the Border, Nuevo Laredo, Tamps., Mexico, advises that his station will transmit a series of DX programs. The first, April 13, will be dedicated to the CDXR; the second, April 20, will be for the Globe Circlers DX Club and the final one, April 27, will be in honor of the NNRC. Time in all cases is from 1 to 5 A. M., Eastern Standard.

To Milton P. Christa, 18092 Fairfield Avenue, Detroit, goes the honor of being the first DXer to report logging of every active W station in the United States. That feat occurred Sunday morning, April 6, when he heard WHBI with a special broadcast for The Newark News Radio Club. Milt's other recent additions are XEFJ, HHK, XEFE, WMFJ, KADA, W1XBS, WAIM, WIRE, WATR, CKCW, WMFF. Verifications have been received from KABN, CRCW, CHNS, CX26, KNOW, XEWZ, XEAA, XEFJ, XFX, KFRO, (completing Texas) WFIL, WHIO, WMFJ, XEFE, WIRE, W1XBS, KWTN and WMFF to bring his verification total to 934. Forty states are completely verified.

MICRO CHATS

(Continued from Page 5)

Verna Burke is a real radio singer. The loud-speaker was her only singing teacher. Or maybe you'd say Gladys Swarthout and Jessica Dragonette were her only teachers. They were the radio stars she tuned in most often. Verna was a dancer to begin with. A very successful Russian ballet dancer in some of Broadway's biggest shows. Then she injured herself during a performance. When she got out of the hospital doctors told her she could never dance again. "That was when I began to glue my ear to the radio," Verna explains. "I was convalescing in the family home out in Kansas City. I knew I was through as a dancer and I remembered that once upon a time a radio man told me I ought to study voice. So I figured, why not study from the best teachers in the world. I knew I'd never be another Swarthout or another Dragonette, but just by listening to them and practicing I learned a lot about voice production and pitch."

Now Verna has her own weekly spot on the air, 11:15 A. M., EST., every Wednesday over an NBC-WEAF network. She features the work of at least one "unknown" composer during each program.

When Verna got her first chance at the air she knew only three songs. After every program she'd have to dash home and learn a whole new repertoire for the next performance. "I was so dumb I didn't know songs could be transposed from one key to another," she laughs. "If I heard a soprano or a tenor sing something I liked I didn't know I could find the same song in my own range. I thought, 'That's a tenor song', and forgot about it."

One thing that helped Verna much was her sense of rhythm. That was the basis of her dancing—and also the basis of her singing. As a matter of fact, although her training for the radio spotlight was unconventional, she heartily recommends it. "Get rhythm—and dancing's a good way to do it. And then, if you can't afford expensive voice lessons take a lesson from the larks of the microphone."

CMCA, Havana, have recently installed 140 foot aerial towers on a three-story building and are getting out much better according to Alec Kinghorn, Apartado 2488, Havana, who volunteers information that CMX, that city, was completely destroyed by four armed thugs about five weeks ago, and are off the air.

SPANISH VERIES

(Double Post Card Method)

ENGLISH:

My dear sir:

On.....I sent you a report of reception of your station and to date have received no answer. Please sign the attached card, verifying my reception.

Yours truly,

(1)

SPANISH:

Muy señor mio:

En el..... de yo le escribi a Vd. diciendo que yo habia oido su programa. Desgraciadamente sun yo he recibido una contestacion. Tenga la bondad de firmar la carta encerrada que significa que yo habia recibido perfectamente su programa.

Quedo de Ud. Atto y.s.s.

female—(Quedo de Ud. Atta y.s.s.

(1)

ENGLISH:

My dear sir:

This will confirm your reception of our station on..... Many thanks for your report.

Signed

(2)

SPANISH:

Muy señor mio.

Esta carta dice que Vd. ha recibido nuestro programa en el..... de.....

Firma.....

Estacion.....

(2)

MONTHS OF YEAR IN SPANISH

January	enero
February	febrero
March	marzo
April	abril
May	mayo
June	juno
July	julio
August	agosto
September	septiembre
October	octubre
November	noviembre
December	diciembre

According to George E. Bott, 507 Southampton Street, East, Hastings, New Zealand, the New Zealand Broadcasting Board has called for estimates for the construction of a new transmitter to replace the existing one of 2YA, Wellington. It will deliver 60,000 watts and it is expected to be in operation one year from now.

NNRC Ham Notes

W1IFH says he is all enthused over a new John Reinartz oscillator circuit using the new RCA 802 bottle as a straight pentode crystal oscillator. About 30 watts output from a single one of these tubes in this circuit, says he. Sid's 160 meter fone rig was temporarily reduced to local work when a pair of '10s began acting wild. A couple of 45s were substituted.

According to W2HNX, the antenna system in his back yard resembles something between a Gordian knot and a tangled fish-line. Clem is replacing his 510s in the final with a pair of 801s the 510s being returned to the modulator in place of the 46s. He also states he is using suppressor grid modulation on his YLitis, not allowing it to QRM radio. We wonder.

Scene: W2FHC's shack; Time: 3 A. M.; Action: Howard in bed, all nice and warm, with ear fones connected by long leads to receiver at operating table. W2HNR shivering at key of the MOPO rig working W9's through terrific QRN. Every time Howard would doze off the receiver would be made to oscillate, the rig turned on and the key pressed. W2FHC would awake with a start. FB reports were hung up from Chicago and the middle West that morning showing that the EC MOPA, though using ancient '10s, can still perk when given half a chance.

Visitors to the shack were W2FHC and W2GSH.

Regular attendance to club meetings and giving out FB dope to newcomers in the ham game is W2CEI's pet delight. The old timer always has a word of encouragement for the ham with troubles and gladly imparts his many and varied experiences.

W3BBO, Washington, N. J., and W3EHS, Belvidere, were recently visited in company with W2FHC. To call the operating room at W3BBO a "studio" is in no way stretching the truth. The mellow illumination, comfortable furniture, pleasing decorations, remote control systems, concealment of cables and wiring all tended to create a restful atmosphere. The rig itself, a 200 watt job, is entirely home-made, but looks like a high-priced commercial product. Good taste, a lively interest in the game coupled with the necessary cash can make amateur radio a very enjoyable hobby.

At W3EHS, technical investigation was the order of the day. The shack is located in a large field and space is available for experimentation with different antennae systems. Five large latticed masts are located at strategic points reminding one of Riverhead, L. I. Diamond and "V" shaped directional antennae were under test that day and a very impressive demonstration of their effectiveness was absorbed open-mouthed by the visitors. A W6 in Hollywood was worked on 20 meter fone using directional receiving and transmitting antennae at both ends.

Hi!

If luck, good or bad, travels in three's all is safe for a while. Was changing coils in rig and using screw driver on grid coil connections. Screw driver slipped and rolled off edge of baseboard. Made a grab for it. Hit spectacles on baseboard knocking them to floor and breaking both lenses. On the way down screw driver hit neon indicating lamp sticking out from supply panel. Smashed it. (Unburdened myself somewhat). Got vacuum cleaner to take care of the mess. Vac picked up live match head. Match ignited on fan blades and burned hole in bag before draft could be stopped. Lamp insides, spectacle frames and vacuum cleaner bag can all be viewed at the shack, but the scene will NOT be re-enacted.

From latest reports W2EQS has recovered from YLitis and has got rid of the chimes. FB Charlie. And now maybe business will be attended to and some QSOs chalked up.

Heard W3BFD calling CQ in the Second Call District. Hooked him and found that he comes from Norfolk. Asked me to QSP back home for him. About eleven hours later, when skip distance was right, went on the air to relay message. Heard W3EEG calling CQ. Hooked him. His QRA Norfolk—hi. He was glad to QSP. We had FB rag chew eventually discovering that we had mutual friends there. Who says there is no romance in ham radio?

Lowell Thomas smokes cigars, cigarettes and a pipe—but none of them much. He finds smoking a waste of time except when reading or fishing. Walter Winchell, deemed a dunce by his teacher, left school while in the sixth grade, but look at him now!

Short Wave Notes

(Time is Eastern Standard)

The American Hour, a program of familiar music with announcements in English, is broadcast through I2RO Rome, Italy, Monday, Wednesday and Friday from 6 to 7:30 P. M., EST., on 49.30 meters. Communications should be addressed to I2RO, Ente Italiano Audizioni Radiofoniche 5, Via Montello, Rome, Italy.

The short wave DXer should be on the lookout for W2XAD, 19.5 meters, as they sometimes broadcast special tests with South America and Australia. W2XAD is operated by the General Electric Co., Schenectady, N. Y.

Westinghouse radio station W8XK, Pittsburgh, is contemplating a change of operating hours.

If while tuning your favorite short wave set, you should chance to hear an announcement sounding phonetically like this: "Akee Say does Aah Hotah en Pontah Delgadah, Akorrays", you are tuned in on CT2AJ, San Miguel, Azores. This station is using 50 watts output on 83 meters but may soon shift to 3500 kcs. They are on the air every Wednesday and Saturday night from 5 until 7. Their announcements are in Portuguese.

From Australia comes the information that the programs of the National Broadcasting Service are being relayed through 3LR, 9850 kcs. This station uses 600 watts output and is on the air from 11:15 P. M., to 3:30 A. M.

Educational Programs

W1XAL, Boston, operated by the World-Wide Broadcasting Corp., offers three programs a week of an educational nature to those listeners interested in culture and education. Participating in these broadcasts are members of the faculty of various New England seats of learning. These programs, consisting of music and lectures, are broadcast Sundays from 5 to 7 P. M., and Tuesdays and Thursdays from 7:30 to 9:30 P. M.

The new station DJQ recently put into operation by the Reichsrundfunkgesellschaft on 19.63 meters, is now operating on regular schedule with programs for Asia. The signal of DJQ is concentrated on Asia by means of a new directional antenna system.

All reports to HJ1ABG Barranquilla, Colombia, should be addressed to Senor

Eduardo Illero in care of the station. International Reply Coupons or unused Colombian stamps should be enclosed to insure a reply and all correct reports will be verified.

HAS-3, at Budapest, Hungary, broadcasts each Sunday from 9 to 10 A. M., on 19.52 meters and HAT-4, also in that city, broadcasts from 6 to 7 P. M., the same day. These two stations appreciate reports of reception and will answer all communications. Address your letters to B. Marschalko, engineer-in-chief, Gyali-ut 22, Budapest, Hungary.

The editors of this magazine are desirous of making its short wave section the best of its kind and would appreciate any suggestions from fans as to their needs and desires in a log of this type. Your cards and letters telling us of your short wave activities will be more than welcome and any definite information on station changes and special programs will be published for the benefit of others. So drop us a line and help make The Dialist the best short wave as well as long wave magazine in the world. Address all your communications to the Short Wave Editor, The Dialist, 215 Market Street, Newark, N. J.

CT1GO, 6200 kcs., 48.4 meters, owned and operated by Radio Club Portugues, Parede, Portugal, will transmit a special broadcast for The Newark News Radio Club, April 20 from 10 to 11 P. M., EST. Radio Club Portugues has a membership of over 6,400, more than 20 per cent of the official number of listeners in Continental Portugal. Captain Jorge Botelho Moniz is its president.

APPLICATION FOR MEMBERSHIP

I am interested in receiving membership information from The Newark News Radio Club and a copy of your special program listings issued weekly:

Name

Street and No.

City and State

(Please Print)

PRINCIPAL SHORT WAVE STATIONS OF THE WORLD

(COURTESY IDA)

Dial Meters	Kes.	Call	Location	Time (EST)
— 19.20	15620	JVF	Nazaki, Japan	Works KWU 6 to 9 P. M.
— 19.52	15370	HAS-3	Budapest, Hungary	Saturday 7 to 8 P. M.
— 19.63	15280	DJQ	Zeesen, Germany	12:30 to 2 A. M. to East Asia
— 19.68	15240		Pontoise, France	7 to 11 A. M.
— 19.71	15220	PCJ	Eindhoven, Holland	8 to 10 A. M. (Irregular)
— 19.72	15210	W8XK	Pittsburgh, Pa.	8 A. M. to 4:15 P. M.
— 19.74	15200	DJB	Zeesen, Germany	12:30 to 2 A. M., 3:45 to 7:15 A. M.
— 19.82	15140	GSF	Daventry, England	4:30 to 5:30 A. M., 6 to 9 A. M.
— 19.84	15123	HVJ	Vatican City, Italy	Saturday 10 to 10:40 A. M., 5 to 5:15 A. M.
— 19.95	15000	RKI	Moscow, U. S. S. R.	Sun. 6 to 7 A. M., 10 to 11 A. M. (Irreg.)
— 20.54	14600	JVH	Nazaki, Japan	4 to 6 A. M., phones Europe
— 22.94	13075	VPD	Suva, Fiji	7 to 8 A. M. Monday to Friday
— 23.39	12830	CNE	Rabat, Morocco	Sunday 7:30 to 9 A. M.
— 25.00	12000	RNE	Moscow, U. S. S. R.	Sunday 6 to 7, 10 to 11 A. M. (Irregular)
— 25.02	11990	VIV	Melbourne, Australia	8:15 A. M. and phones Irregularly
— 25.02	11990	FZS	Saigon, Indo-China	9:15 to 9:30 A. M. and Irregularly
— 25.25	11880		Pontoise, France	11:15 A. M. to 2:15 P. M., 3 to 6 P. M.
— 25.29	11860	GSE	Daventry, England	6 to 9 A. M., 9:15 to 10:45 A. M.
— 25.36	11830	W2XE	Wayne, New Jersey	3 to 5 P. M.
— 25.49	11770	DJD	Zeesen, Germany	Noon to 4:30 P. M.
— 25.53	11750	GSD	Daventry, England	3:30 to 5:30 A. M., Noon to 4:30 P. M.
— 25.57	11730	PHI	Huizen, Holland	8 to 10:10 A. M. except Tues. and Wed.
— 25.60	11720	CJRZ	Winnipeg, Canada	8 P.M. to Midnight daily, 3 to 10 P.M. Sun.
— 25.63	11705		Pontoise, France	7 to 10 P. M., 11 P. M. to 1 A. M.
— 26.80	11187	XAM	Merida, Yuc., Mexico	Phones Mexico City evenings
— 27.93	10740	JVM	Nazaki, Japan	Phones KWU 9 to 12 P. M. (Irregular)
— 28.80	10410	YBG	Medan, Sumatra	12:30 to 1:30 A. M., 5:30 to 6:30 A. M.
— 29.04	10330	ORK	Ruyssede, Belgium	2:45 to 4:20 P. M.
— 29.59	10140	OPM	Leopoldville, Congo	Sunday 3:45 to 4:15 P. M. (Irregular)
— 29.84	10050	SUV	Abou-Zabal, Egypt	Phones GBP 11 A. M. to 1 P. M. (Irreg.)
— 30.43	9860	EAQ	Madrid, Spain	5:15 to 7 P. M., Saturday 1 to 3 P. M.
— 30.67	9780	I2RO	Rome, Italy	2:30 to 5:30 P. M., Monday, Wednesday and Friday 7:45 P. M.
— 31.25	9600	CT1AA	Lisbon, Portugal	Tues., Thurs. and Sat. 4:30 to 7 P. M.
— 31.27	9595	HBL	Geneva, Switzerland	Saturday 5:30 to 6:15 P. M.
— 31.28	9590	VK2ME	Sydney, Australia	Sunday 1 to 3 A. M., 5 to 11 A. M.
— 31.28	9590	W3XAU	Philadelphia, Pa.	Noon to 8 P. M., 8 to 11 P. M.
— 31.30	9580	GSC	Daventry, England	6 to 8 P. M.
— 31.30	9580	XGBD	Shanghai, China	3 A. M. (Irregular)
— 31.32	9580	VK3LR	Melbourne, Australia	3:15 to 7:30 A. M., relays 3AR and 3LO
— 31.35	9570	W1XAZ	Springfield, Mass.	7 A. M. to 1 A. M. next morning
— 31.38	9560	DJA	Zeesen, Germany	8 to 11:30 A. M., 5:15 to 9:15 P. M.
— 31.45	9540	DJN	Zeesen, Germany	3:45 to 7:15 A. M., 8 to 11:30 A. M., 5:15 to 11:30 P. M.
— 31.45	9540	LKJ1	Jeloy, Norway	5 to 8 A. M.
— 31.55	9510	GSB	Daventry, England	3:30 to 4:30 A. M., 9:15 A. M. to Noon, 1 to 5:45 P. M.
— 31.55	9510	VK3ME	Melbourne, Australia	Wednesday and Saturday 5 to 6:30 A. M.
— 31.57	9500	PRF5	Rio de Janiero, Brazil	5:30 to 6:15 P. M. except Sunday
— 31.80	9428	COH	Havana, Cuba	10 to 11 A. M., 5 to 6 and 8 to 9 P. M.
— 31.86	9410	PLV	Bandoeng, Java	9:45 to 10 A. M. works Bolinas
— 32.88	9125	HAT-4	Budapest, Hungary	Sunday 5 to 6 A. M.
— 37.33	8035	CNR	Rabat, Morocco	Sunday 3 to 5:30 P. M.
— 38.47	7800	HBP	Geneva, Switzerland	Saturday 5:30 to 6:15 P. M.
— 40.55	7400	HJ3ABD	Bogota, Colombia	7 to 11 P. M.
— 41.80	7180	CR6AA	Lobito, Angola, Africa	Wednesday and Saturday 2:30 to 4:30 P.M.
— 42.00	7140	HJ4ABB	Manizales, Colombia	8 to 10 P. M. (Irregular)
— 42.25	7100	HKE	Bogota, Colombia	Monday and Thursday 6 P. M., Tuesday and Saturday 8 to 9 P. M.
— 42.83	7005	VK3ZX	Victoria, Australia	12:30 to 2 A. M. Sundays
— 43.86	6840	HAT2	Budapest, Hungary	Afternoons (Irregular)
— 44.03	6810	HHH	San Pedro, D. R.	Thursday and Sunday 3:40 to 5:40 P. M., 8:10 to 10:10 P. M.
— 44.03	6810	OA4B	Lima, Peru	Testing irregularly

— 44.44	6710	JVT	Nazaki, Japan	4 to 7:40 A. M. (Irregular)
— 44.71	6710	TIEP	San Jose, Costa Rica	7 to 10 P. M. except Sundays
— 45.00	6660	HC2RL	Guayaquil, Ecuador	Sun. 5:45 to 8 P.M., Tues. 9:15 to 11:15 P.M.
— 45.31	6620	PRADO	Riobamba, Ecuador	Thursday 9 to 11:40 P. M.
— 45.38	6610	REN	Moscow, U. S. S. R.	Mon., Wed., Fri. and Sat. 4 to 5 P. M.
— 45.45	6600	VP1FR	Suva, Fiji	Noon to 2 P. M. (Irregular)
— 46.03	6518	HIL	Santo Domingo, D. R.	Saturday 7:40 to 9:40 P. M.
— 46.23	6490	HJ5ABD	Kali, Colombia	8 to 10 P. M.
— 46.25	6480	HI4D	Santo Domingo, D. R.	4:40 to 7:40 P. M.
— 46.60	6440	HJ1ABD	Barranquilla, Colombia	6 to 10 P. M.
— 46.88	6400	YNLF	Managua, Nicaragua	8 to 10 P. M. (Irregular)
— 47.06	6370	YV4RC	Caracas, Venezuela	4:30 to 10 P. M. except Sunday
— 47.50	6310	HIZ	Santo Domingo, D. R.	11 to 12:30 A. M. except Sunday
— 48.00	6250	HI1A	Santo Domingo, D. R.	7:40 to 9:40 P. M. except Sunday
— 48.00	6250	OAX4B	Lima, Peru	Wednesday and Sunday 7 to 10 P. M.
— 48.39	6200	HJ3ABF	Bogota, Colombia	7 to 11 P. M. except Sunday
— 48.78	6150	HJ2ABA	Tunga, Colombia	8 to 10 P. M.
— 48.78	6150	YV3RC	Caracas, Venezuela	4:30 to 10 P. M.
— 48.78	6150	CLC	Lisbon, Portugal	5 to 6 P. M. EST (Irregular)
— 48.83	6144	CJRO	Winnipeg, Canada	7 to 12 P. M., Saturday 4 P. M. to 1 A. M., Sunday 5 to 10:30 P. M.
— 48.86	6140	W8XK	Pittsburgh, Pa.	4:30 P. M. to 1 A. M.
— 48.90	6130	2GE	Kuala, Lumpur, F. M. S.	Sun., Tues. and Fri., 6:40 to 8:40 A. M.
— 48.94	6128	LKJ1	Jeloy, Norway	10 A. M. to 6 P. M.
— 49.02	6120	YDA	Bandoeng, Java (PEF)	11 P. M. to 2:20 A. M., 6:20 to 10:40 A. M.
— 49.08	6112	YV2RC	Caracas, Venezuela	5:15 to 9:30 P. M.
— 49.10	6109	VUC	Calcutta, India	10:30 A.M. to 1 P.M., Sat. 12:45 to 4 P.M.
— 49.18	6100	HJ1ABE	Cartagena, Colombia	Wed. 8 to 11 P. M., Mon. 10 to 11 P. M.
— 49.18	6100	W3XAL	Bound Brook, N. J.	
— 49.20	6097	ZTJ	Johannesburg, So. Africa	11:30 P. M. to 12:30 A. M., 3:30 to 7 A. M.
— 49.20	6097	HJ1ABD	Cartagena, Colombia	7 to 9 P. M.
— 49.26	6090	VE9GW	Bowmanville, Ontario	Mon., Tues., Wed. 2 to 11 P. M., Tues., Fri., Sat. 6 A. M. to 11 P. M., Sun. Noon to 8 P. M.
— 49.30	6085	CP5	La Paz, Bolivia	7:45 to 9:15 P. M.
— 49.30	6085	I2RO	Rome, Italy	Mon., Wed. and Fri., 6 to 7:30 P. M.
— 49.34	6080	VE9HX	Halifax, Nova Scotia	5 to 11 P. M.
— 49.34	6080	OXY	Skamleback, Denmark	1 to 7 P. M., Sunday 11 A. M. to 7 P. M.
— 49.34	6080	W9XAA	Chicago, Ill.	Tues., Thurs., Sat. 4 to 12 P. M., Mon., Wed., Fri. 4:30 to 7 P. M.
— 49.34	6080	HJN	Bogota, Colombia	6 to 11 P. M. except Sunday
— 49.41	6072	OER2	Vienna, Austria	9 A. M. to 5 P. M.
— 49.50	6060	W3XAU	Philadelphia, Pa.	8 to 11 P. M.
— 49.50	6060	VQ7LO	Nairobi, Kenya, Africa	Mon., Tues., Wed. 5:45 to 6:15 A. M., Tues. 3 to 4 A. M.
— 49.59	6050	GSA	Daventry, England	10:45 A. M. to 12:45 P. M., 4:30 to 5:45 P. M., 6 to 8 P. M.
— 49.67	6040	HJ1ABG	Barranquilla, Colombia	6:30 to 10 P. M. except Sunday
— 49.67	6040	W1XAL	Boston, Mass.	Sun. 5 P. M., Tues., Thurs. 7:30 P. M.
— 49.75	6030	HP5B	Panama City, Panama	8 to 10:30 A. M., 12 to 1 P. M.
— 49.83	6020	DJC	Zeesen, Germany	Noon to 4:30 P. M., 5:30 to 10:30 P. M.
— 49.83	6020	CQN	Macao, Macao	Monday, Friday 3 to 5 A. M.
— 49.90	6010	COC	Havana, Cuba	9:30 to 11 A. M., 4 to 6 P. M., Saturday 11:30 P. M. to 12:30 A. M.
— 49.96	6005	VE9DN	Montreal, Canada	11:30 to 12 P. M.
— 50.00	6000	XEBT	Mexico City, D. F.	All evening
— 50.00	6000	RV59	Moscow, U. S. S. R.	5 to 6 P. M.
— 50.16	5980	HIX	Santo Domingo, D. R.	Tuesday, Friday 8:10 to 10:10 P. M.
— 50.27	5968	HVJ	Vatican City, Italy	2 to 2:15 A. M.
— 50.59	5930	HJ4ABE	Medellin, Colombia	Monday, Wednesday, Friday 7:15 to 11 P. M., Tuesday, Sunday 6:30 to 10 P. M.
— 50.85	5900	HJ2ABC	Cucuta, Colombia	6 to 9 P. M.
— 51.28	5850	YV5RMO	Maracaibo, Venezuela	5:15 to 9:30 P. M.
— 51.81	5790	HCK	Quito, Ecuador	8 to 10:15 P. M.
— 51.90	5780	OAX4D	Lima, Peru	Wednesday, Saturday 9 to 11:30 P. M.
— 51.93	5777	TIGP3	San Jose, C. R.	8 to 10 P. M. except Sunday
— 52.70	5692		Tananrive, Madagascar	3 to 3:45 A. M. Sunday 2:30 to 3 A. M.
— 52.91	5660	XQAJ	Shanghai, China	5 to 8 A. M.

Last Minute Changes

NEW STATIONS

Rochester, N. Y., 250 watts, 630 kilocycles, Brown Radio Service and Laboratory.
 Champaign, Ill., 100 watts, 1370 kilocycles, Champaign News-Gazette, Inc.
 Pittsburg, Kan., 100 watts, 1200 kilocycles, Joplin Broadcasting Co.
 Omaha, Neb., 100 watts, 1500 kilocycles, Omaha Broadcasting Co.
 Visalia, Cal., 100 watts, 850 kilocycles, Clark Standiford.
 Frederick, Md., 500 watts, 900 kilocycles, The Monocacy Broadcasting Co.

FREQUENCY

900—WTAD, Quincy, Ill., from 1400
 580—WILL, Urbana, Ill., from 890
 1250—WIL, St. Louis, Mo., from 1200
 1420—WCBS, Springfield, Ill., from 1210.

LOCATION

1200—WKJC, to Easton, Pa.

POWER

890—WJAR, Providence, R. I., from 500 to 750.
 1250—WIL, St. Louis, Mo., from 100 to 250.
 1440—WCBA, Allentown, Pa., from 500 to 750.
 1440—WSAN, Allentown, Pa., from 500 to 750.

OWNERSHIP

1200—WKIC, Easton, Pa., to Associated Broadcasters, Inc.
 1310—WSGN, Birmingham, Ala., to O. O. Black & Collett Black
 1420—KIUN, Pecos, Texas, to Barney H. Hubbs.

CALL

WHBD, Portsmouth, Ohio, changes call to WPAY. KSO, Des Moines, Iowa, changes call to KRNT. KWCR, Des Moines, Iowa, assumes the call of KSO.

Heard in the Chicago NBC studios: Mrs. Pat Barrett (the former Nora Cunneen of the vaudeville and musical comedy stage) plays the role of Cecelia to her husband's Uncle Ezra, the voice of station EZRA, the powerful little 5 watt down in Rosedale.... Tony Wons is authority for the statement an NBC staff announcer calls his girl Appendix—because it cost so much to take her out! ... Lu (Isobel Carothers) of Clara, Lu'n' Em, has adopted a boy baby. In private life, Lu is Mrs. Howard Berolzheimer, a popular Evanston, Ill., matron.

HOT SHOTS

WWSW—1500 kcs., Pittsburgh, last Tuesday of each month from 2 to 2:20 A. M., EST.
 KFRO—1370 kcs., Longview, Tex., first Wednesday of each month from 5:40 to 6 A. M., EST.
 XFX—610 kcs., Mexico, D. F., every morning from 12:01 to 6, EST.
 XEU—1010 kcs., Veracruz, Vera., Mexico, every morning until 1:30, EST.
 XEWZ—1150 kcs., Mexico, D. F., every Sunday from 12:01 to 3:30 A. M., EST.
 CMHW—865-880 kcs., Cienfuegos, Cuba, every Sunday and Wednesday, from 1 to 2 A. M., EST.
 KABR—1420 kcs., Aberdeen, S. D., first Thursday of each month from 4:20 to 4:40 A. M., EST.
 WNEL—1290 kcs., San Juan, Puerto Rico, at 6 A. M., EST., every day
 WCAM—1280 kcs., Camden, N. J., first Tuesday of each month, from 3:20 to 3:40 A. M., EST.
 day at 3:00 A. M.

NNRC TIPS PERIODS

(E. S. T.)

WLAC, Nashville, Tenn., 1470 kcs., every Sunday at 12:50 A. M.
 WNEW, Newark, N. J., 1250 kcs., every day at 3 A. M.
 WEEU, Reading, Pa., 830 kcs., every Saturday at 4:30 P. M.
 WFTL, Athens, Ga., 1450 kcs., every Monday at 8:05 A. M.
 KDKA, Pittsburgh, Pa., 980 kcs., every Saturday at 12:30 A. M.
 KSL, Salt Lake City, Utah, 1130 kcs., every Saturday at 2 A. M.
 WSM, Nashville, Tenn., 650 kcs., every day at 1 A. M.
 KFI, Los Angeles, Cal., 640 kcs., every Saturday at 2:30 A. M.
 WTCN, Minneapolis, Minn., 1250 kcs., every Sunday at 12:45 A. M.
 KGBX, Springfield, Mo., 1230 kcs., every day at 11 P. M.
 WBRC, Birmingham, Ala., 930 kcs., every Sunday at 1:15 P. M.
 CFCC, Chatham, Ont., 1050 kcs., every Sunday at 10 A. M.
 WWRL, Woodside, L. I., 1500 kcs., every Sunday at 1 A. M.
 KGER, Long Beach, Cal., 1360 kcs., every Sunday from 2 to 3 A. M.
 WKBO, Harrisburg, Pa., 1200 kcs., every Thursday at 1 to 1:30 A. M.

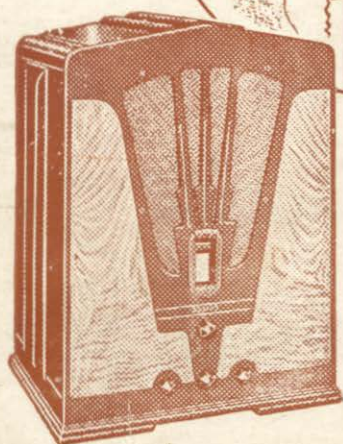
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