

THE DIALIST

FEB.

OFFICIAL PUBLICATION

1935

OF THE
NEWARK NEWS RADIO CLUB



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POLICE CALLS

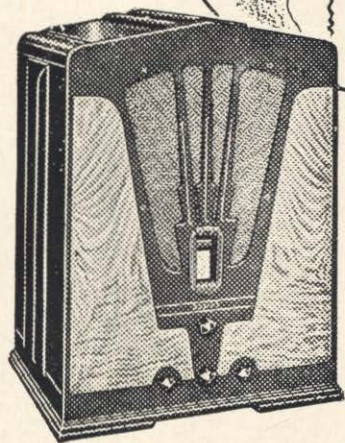
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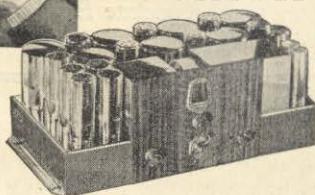
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THE DIALIST

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CONTENTS

Frontispiece

MILDRED MONSON, Kansas Songstress and Columbia Artist

Editorial	3
Over There	3
Studio Gossip	4
The DXers' Corner	6
Monthly Frequency Tests	8
Canadian Tests	10
The Month's Changes	10
The DXers' View	11
Micro Chats	12
Broadcasting Stations (By Frequencies)	14
Broadcasting Stations (By Call Letters)	28
A Technical DX Report	35
With The Broadcasters	36
NNRCers	37
Mike Fright	37
Principal Short Wave Stations of the World	38
Interesting Radio Calls	40
NNRC Ham Notes	40
With the Air Raiders	41
The Month's Specials	42
Short Wave Chatter	43
WKAQ Specials	43
Columbia Outlets	44
ABC Stations	44
NBC Chain Stations	45
SBC Chain	45
Final LRS Program	46
Going Up	46
NNRC DX Tip Broadcasts	47
Comment	47
Police Radio Stations	48

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EDITORIAL

In an endeavor to supply a larger variety of subjects and other information of value to listeners interested in the various phases of radio reception, the publishers of the Dialist have added eight pages to this, the February issue. The official publication of The Newark News Radio Club now contains forty-eight pages instead of forty as in preceding months.

Publication of the January number was omitted but subscriptions will be extended another month.

The additional space has been utilized to present a list of police radio stations and lists of stations affiliated with the Columbia and National Broadcasting Co. systems, together with other items which we believe will make The Dialist a reference book of real value.

The lists of broadcasting stations, both by frequencies and call letters are right up-to-the minute and will be augmented by one according to states, in the March issue.

As previously stated, the editors of The Dialist will welcome constructive criticism. They will appreciate it also if you find The Dialist to be interesting and informative, that you tell your friends about it. We ask you to patronize our advertisers and when writing them to kindly mention The Dialist.

OVER THERE

John J. Baxter, 163 Boundary Road, Plaistow, London, England, member of the board of directors of The Newark News Radio Club, submits the following information about European broadcasters:

ROUMANIA is putting up a 150 KW station, a 20 KW "national" transmitter, four "regional" transmitters and is increasing the power of the present Bucharest station to 20 KW.

YUGO-SLAVIA—Plans of the Radio Belgrade Co., provide for an expenditure of \$500,000. The present 2.5 KW Belgrade station is to be replaced by a 50,000 watt station soon. Three 6 KW relay stations will also be constructed. The 700 watt Zagreb station is to be replaced with a 20 KW transmitter. This station will also serve a relay at Split.

BULGARIA—Rodno Radio Society, with help from the state, will operate a 500 watt station at Sofia, the capital. The



KAY FOSTER

Visits north of the Mason-Dixon line were rare for Kay Foster, popular NBC singer, until she came to New York for a series over NBC-WEAF network. She is heard every Friday Afternoon at 3:45, EST, and Wednesdays at 5 P.M., EST.

state has promised to erect a 50 KW station when finances permit. The greatest drawback to radio in Bulgaria is that the importation of radio receivers and parts is prohibited. The government has promised to remove this embargo in the near future.

GREAT BRITAIN—The British Broadcasting Corp., have started on their new north of Scotland relay station. The power is to be derived from the Grampian electricity scheme.

PORTUGAL—The new short wave station, CTIGO, owned and operated by Radio Club Portugues, Parede, operates now on 24.2 and 48.4 meters.

TURKEY—The Turkish government has announced it will erect a new 150 KW station at Angora in the very near future.

GREECE—Radio in this country is dependent upon the amateurs. They have a 100 watt station operated by the Radio Club of Salonika. The state announces its intention of constructing a high-powered station and one or two relays.

(continued on page 43)

Studio Gossip

Dorothy Page, beautiful NBC contralto who became famous as a model for some of America's leading magazine cover illustrators, was presented with a silver cup as "the most beautiful girl in radio", during Jan Garber's Supper Club program December 3. She was chosen for the honor in a nation-wide poll of radio editors of newspapers and magazines. It was Miss Page's titan-haired beauty that started her on the way to fame a few years ago and helped bring her to NBC networks as a featured vocalist with the diminutive slow rhythmic maestro, Jan Garber. Employed as a stenographer in the offices of a publishing company, Miss Page attracted the attention of Neysa McMein, famous magazine illustrator and portrait painter, when she won a beauty contest for employees. Miss McMein asked Dorothy to pose for a cover portrait and sittings with other artists followed. This modeling enabled Miss Page to continue vocal studies and about three years ago she won a Paul Whiteman audition in Detroit from 700 other contestants. She came to the National Broadcasting Company last Spring after a two-year engagement as featured soloist with a nationally known orchestra.

If you want to tell an orchestra leader from anyone else look at the skin of his right forefinger and thumb according to Abe Lyman, maestro of the Waltz Time broadcasts on NBC networks. "Usually the skin of his right forefinger and thumb is calloused," explains Lyman. "That's from swinging a baton. The baton arm is always much stronger than the other arm and often gets longer. His right shoulder is usually slightly higher than his left because he is more muscular on that side. He has to wear a special non-wilting collar because he must look immaculate at all times, and his laundry bill would stagger you."

Favorites

Clark Gable and Myrna Loy appear to be the favorite screen stars of the New York metropolitan area according to a poll conducted by Sam Taylor during his screen review program over WMCA recently. Sam asked for votes on one program and received approximately 2,500. Gable led his nearest rival, Dick Powell, by eighty votes, garnering 296, while Powell polled 216, followed by Bing Crosby with 136 and Gene Raymond with 118. In order, under the 100 mark, were Frederic



RAY PERKINS

Popular comedian, who keeps things humming on the National Amateur Night program on the WABC-Columbia network Sundays from 6 to 6:30 P.M., EST. It's all in good fun and the aspirants seem to enjoy Ray's kidding as much as the audience.

March, William Powell, Franchot Tone, Warner Baxter and Robert Montgomery. Myrna Loy took 228, six more than Joan Crawford; Ginger Rogers had 149 and Ruby Keeler 135. In close order were Janet Gaynor, Claudette Colbert, Norma Shearer and Jean Harlow while Shirley Temple received 42.

Eddie Cantor returns to the air February 3 over a nationwide WABC-Columbia network from 8 to 8:30 P.M. EST. These programs which will be a weekly feature, will include Rubinoﬀ, violinist and conductor. "The Hall of Fame", under the same sponsorship and which is now a CBS headliner every Sunday evening, from 8 to 8:30 EST, will move to the 8:30 to 9 P. M. period.

Graham McNamee has sung his last baritone solo. The veteran NBC announcer so declared in a recent interview with Nellie Revell, explaining his announcerial work was such a task on his voice that singing was no longer possible. When McNamee started in radio thirteen years ago he was both soloist and announcer and frequently sang at concerts.

The musicians in Don Bestor's orchestra have never been present at a rehearsal of Jack Benny's script for his program, heard on NBC-WEAF network stations. The music is rehearsed at an entirely different hour because Jack wants the laughs from the musicians to be genuine and spontaneous. This makes the boys in Bestor's band look forward to the broadcast with unusual zest and they never have a clue to what Benny will spring.

Seven years ago two musical comedy stars, Julia Sanderson and Frank Crummit, gave up the stage, became Mr. and Mrs. and settled down to lead a suburban life in the exclusive Colony Hills section of Longmeadow, Springfield, Mass. They called their large and comfortable home "Dunrovin", expecting it would mark the end of their professional life and journeyings up and down the countryside. But two years of domesticity, pleasant though it was, could not completely satisfy this lively couple who had spent years entertaining large audiences. Radio provided the answer and in October, 1929, they made their debut on CBS. Every Saturday Julia and Frank drive down to New York and on Sunday afternoons, with Jack Shilkret's orchestra and a guest star, they broadcast over a WABC-Columbia network from 5:30 to 6:00 P. M., EST. Weekdays at Dunrovin are happy, leisurely times. Frank spends several hours a day playing golf while Julia exercises to the tune of victrola records and fusses around her frilly bedroom. Motor trips and bicycle rides occupy the afternoons while evenings are gay with dances and dinners at the country club or card games with Julia's parent's who live nearby.

Four new orchestras have joined the American Broadcasting System and will be presented nightly from leading hotels, nightclubs and cafes in New York City. Scott Fisher's is featured from the Coconut Grove roof of the Park Central and Jerry Freeman's orchestra from the Casino de Paree. Mike Duro's band is heard from Delmonico's and Joe Buck directs the orchestra which goes on the air from Gloria's Palace in the heart of Yorkville.

If there is anything that riles Lawrence Tibbett, it's what he calls intellectual snobbery. He means the kind of thing that happens when he includes "The Song of the Flea" in his concert recitals. Invariably some one person will protest that it is vulgar. Then Tibbett explains that the words are by

Goethe and the music by Moussorgsky and then the person apologizes and says: "Oh, that's different."

Felix Ferdinando, NBC orchestra leader, is anxiously watching the leaves of the calendar. Every third year since 1925 some financial misfortune has befallen him through fire. That year a ballroom in which he invested his savings burned to the ground. In 1928 a dining and dancing boat, of which he was part owner, burned off Miami three days before the opening. In 1931 an instrument factory, in which he was interested to the extent of \$40,000, was also destroyed by fire. So far in 1935 nothing has happened to Ferdinando and he hopes the jinx is beaten.

Better Day Programs

Early last Fall CBS announced a policy to stimulate daytime listening. The first step was taken September 19 when, at the request of Columbia program officials, Kate Smith inaugurated her Wednesday Matinee Hour as a weekly attraction. The instantaneous success of Kate's revue spurred efforts to provide other big daytime shows. Now fifteen new and novel programs ranging from a half-hour to an hour in duration, have augmented the daytime schedule. Such radio favorites as Fray and Braggiotti, Vera Van, Johnny Green, Freddie Rich and others now have daytime spots. Cobina Wright, society entertainer and impresario, has been introduced to radio audiences in her own variety hour. The Two Doctors of the "Laugh Clinic", formerly known as the Three Doctors; a modern minstrel of thirty-five black-face entertainers, and the Country Church of Hollywood all provide attractive day dialing. In addition, there is "The Joke Book Revue" in which listeners get a chance to write their own comedy material and have it dramatized in blackout form. In other words, daytime radio entertainment is bigger and better than ever.

From barber chair salesman to radio announcer is the tale of Ted Webbe, (final e is silent) newest member of the New York announcing staff of the ABS-network. He was previously connected with several stations in New Jersey as announcer, general all-around man and manager. Born in England, Webbe played for a time in American Theatrical stock. Although he found the tenuous equipment business profitable, he likes radio better.

(continued on page 34)

The DXers' Corner

Henry Whittaker, 1988 Plymouth Street, Philadelphia, reports reception of W9XBY, WDAH, KGFI, CJCB, WPAX, EAJ-7, XEWZ, KFRO, CMOX, CT1GL, KABN and KGEZ during January. Recent verifications are from WNEL, WOC, CMBG, W6XAI, WABY, WBNO, WDAH, KGFI, CJCB and CMCO. WBNO verified when Henry sent them a self-addressed, return postal card. He suggests looking for CJCB, now using 1,000 watts, during the afternoon at about 5:30 EST. An SOS. Can anyone identify the Mexican on about 1208 kcs., heard January 15 at 3:05 A.M.

Through the addition of KVOD, CFCY, CHSJ, CJKL, CJRM, WHJB, KYW, CKUA, CFCT, W9XBY, CMOX, CMBX, CFNB, WNEL and CMOA, Jack B. Schneider, 17 Center street, Garwood, N. J., has increased his log total to 842.

"I have followed the doings of NNRC members and DXers with much interest, especially those pulling in the foreign stations which I haven't been able to log as yet," writes Harold W. Robinson, 310 West Eighth Street, Lansdale, Pa. "The locality in which I live has been very noisy due to a high tension line about 500 yards distant and a leak has made reception at almost any time impossible. Listened to Director Lloyd Hahn and the other members of the Baltimore chapter on WDEL, January 20, and enjoyed them very much. They are a mighty fine bunch of DXers. Would be glad to hear from any other club members in Pennsylvania with the view to forming a chapter in our state".

DXing His Hobby

Bireley Ross, 2426 Alco Street, Dallas, Texas, is a shut-in. DXing is his greatest hobby and all his dial twirling is done on the broadcast band. Bireley has 500 verifications of reception. He considers JOHK-JOAK-1, JOIK, JOBK-2, JOCK-2, IYA, LR5, TGW and KGU his best catches. He uses an RCA, model RE-73 tuned radio frequency receiver.

Fred M. Schmidt, 1064 Clifford avenue, Rochester, N. Y., wonders what is wrong with KWLC, KGDM, WCAX, and WCRW as correct reports and return postage have failed to procure his confirmations. Although the Canadian stations enjoy the reputation of being quick verifiers, Fred has been unable to

persuade CHNC to reply despite three reports. Latest verifications are CJCB, CKX, KGFL, KGFK, XEU, WOC, WTCN, KFPL, KLCN, WHBI, WRAX, KONO and KLUF. Fred and other DXers report logging CFPL during their frequency check of January 20.

One of the leaders of the DXing fraternity in the matter of stations logged and verified, Milton P. Christa, 18092 Fairfield Avenue, Detroit, during a recent period, received verifications from six different countries. Some of the best were CX26, HJN, CKOV, W6XAI, KNOW, completing Texas; KFRO, XEAA, XEWZ, WTCN, finishing Minnesota; WKEU and WPAX, completing Georgia, and CJCJ. Milt's heard stations total 940 and CKOV's was his 900th confirmation. He writes: "I can only say one thing about DXing now and that is the farther I go the harder they are to get." Milt needs but four Ws—WHBI, WDNC, WATR and WLNH, and but nine Canadians including CJCB and CHNS.

Old Timer Reports

"We old timers are taking a back seat in the old DX bus according to reports we read these days," says Howard Kain, (Honest Injun) 28 Boyden street, East Orange, N. J. "Nowadays it is no trouble for some of our DXers to pick Germany, France, Italy, Australia, Japan and other foreign countries out of the air. Gosh, how many languages do they know? My DXing during the 1933-34 season was not so good but with the aid of my RCA 82 am doing better this Winter. Four years ago I had nearly completed logging every W station but every issue of a new log sets me back farther; it is almost impossible to keep up with the changes of call and additions. My log of stations, all verified, numbers only 778 but eighty-two are 2,000 milers. So far this season I have logged and verified KPAC, KTU, KVOD, KWTO, KTSM, KOTN, KADA, KOL, KXL, KGDY, KFPL, KLCN, CJKL, VOGY, CHSJ, CKX, VONF, COH, CKOV, VE9EK, W9XBY, WHEF, WHJB, WNEW, WPAX, WROK, WKOK, WDNC, WGPC, WAGE, WABY, WBOQ, WALA, YVIRC, TGW, W1XBS, KGFL, WNEL, KWLC, KGU, CJRM, WAAW, XEMO, XEAO, CP4 and Radio Normandie. I admit it is not an imposing list of new ones but everyone meant the loss of a snooze."

Submitting a report of his DXing, Leo Herz, 317 South Grove Avenue, Chicago, informs us that when he became a member of the Newark News Radio Club last October his log included 235 stations; he now has 330 and needs but two more 2,000 mile verifications to qualify for the club's past master rating. Leo's recent catches are XEBC, XEMO, XEAE, XET, KGA, W9XBY, and WOCL. He has only been collecting confirmations since December but already has twenty-some rare ones included.

Carl Forestieri, (The Bronx Owl) 463 East 185th Street, Bronx, New York City, reports hearing XFX, 610 kcs., Mexico City, quite regularly until 2 A.M. EST. Although announcements are in Spanish, Carl says it is easy to identify this station which announces at frequent intervals: "Estacion XFX della secretaria de educacion publica Mexico". XEJ, 1020 kcs., Juarez, Chih., Mexico, is another steady caller at 1:30 A.M., EST. The "Owl", like so many other dial twisters, has already logged the new station in Aberdeen, S. D., KABN, 1420 kcs.

During its existence, The Newark News Radio Club has received requests for membership information from many sections of the world. Recently, C. Kee Cheong, Pundut Estate, Dindings, Straits Settlements, wrote he had heard all about the club and desired to enroll. Should he become an NNRer Mr. Cheong will be our most distant member.

DXer A Decade

December 24, 1934, marked the completion of ten years of DXing for Andrew Hill, 14 Worthley Street, Red Bank, N. J. Starting off with a three-tube home-made outfit, Andy has since acquired 625 stations of which 102 were added this season. He says: "This is the first year in all my dialing I have been able to log stations overseas. I now have three in France, two Italians, six Germans and one each in Spain and Portugal. To the South I have two in Argentina, one each in Bolivia and Central America, and a number in Cuba, Haiti and Mexico. Westward, Andy has two Australians. A further achievement has been the reception of six 100 watters all more than 2,000 miles distant from Red Bank.

Eric Butcher, Cokeville, Wyo., uses a ten-tube battery operated all-wave Paramount receiver and three antennae—one a 150 foot cage; the second a 300



TITO GUIZAR

Who sings ballads of his native land and current favorites over the WABC-Columbia network Sundays from 12:30 to 12:45 P.M., EST.

foot flat top type and the third a 100 foot copper band attached to a pole 50 feet high. All may be utilized at one time by throwing a knife-switch. His ground consists of an automobile radiator, kept supplied with water and buried amid 100 pounds of rock salt. Numbered with his short wave catches are GSD, DJC, HJ1-ABB, PRADO, HC2RL, YV5AMO, PRF-5, RV15, YDA, KNRA, TIEP and HP5B. BC series are from YV1BC, YV-3RC, JOIK, HIX, XEMO, XEJ, XEBC, XENT, XEAA and XEBT. Eric says he expects to DX next season with a McMurdo-Silver Masterpiece receiver.

Tom McDonald, North Morningside Drive, Westport, Conn., would like to hear from other DXers to swap tips and DX chatter. Although off to a late start this season (January 16 to be exact) Tom has added KFSD, KGW, KTAR, CFCY, KTM, WTBO, WRUF, KROW, WDAY, KJR, KOW, KJBS, CKTB, WCAE, WDOD, KFPY, WAGF, WHBQ, WJTL, WLLH, WKBF, KABN and KIDW.

DXers are advised to be on the lookout for WHIO, Dayton, O., 1260 kcs., which is now testing during early morning hours after WNEW signs off at 4 A. M., EST.

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—WFAS, White Plains, N. Y.
	1370—WRAK, Williamsport, Pa.
2.20 to 2.40	1500—WNEF, Binghamton, N. Y.
	580—WCHS, Charleston, W. Va.
2.30 to 2.50	1420—WAGM, Presque Isle, Me.
	1370—WBTM, Danville, Va.
2.40 to 3.00	1200—WLVA, Lynchburg, Va.
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.
	1280—WCAM, Camden, N. J.
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.
4.20 to 4.40	1290—WNBZ, Saranac Lake, N. Y.
	1310—WBRE, Wilkes-Barre, Pa.
	1200—KGVO, Missoula, Mont.
4.30 to 4.50	1200—WNBO, Washington, Pa.
	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—KFND, Nampa, Idaho.
5.10 to 5.30	600—WCAC, Storrs, Conn.
	1370—KVL, Seattle, Wash.
5.20 to 5.40	1310—KGEZ, Kallispell, Mont.
5.30 to 5.50	1370—KUJ, Walla Walla, Wash.
5.40 to 6.00	1310—KGCD, 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—KVOS, 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.

FIRST TUESDAY

2.00 to 2.20	1210—WPAX, 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.
3.30 to 3.50	1500—WHEF, Kosciusko, Miss.

3.40 to 4.00	1200—KMLB, Monroe, La.
3.50 to 4.10	1370—WAGF, Dothan, Ala.
4.00 to 4.20	1200—KWG, Stockton, Calif.
	1290—WNEI, San Juan, P. R.
4.10 to 4.30	1310—WTJS, Jackson, Tenn.
	1500—KPJM, Prescott, Ariz.
4.20 to 4.40	1370—WPFH, Hattiesburg, Miss.
	1370—KERN, Bakersfield, Calif.
4.30 to 4.50	1420—WGFC, 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—KGMB, 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—KGMN, Stockton, Calif.
6.10 to 6.30	1200—KSDN, Bisbee, Ariz.
6.20 to 6.40	740—KTRB, Modesto, Calif.

FIRST WEDNESDAY

2.00 to 2.20	1310—WEBR, 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—WHBC, Canton, O.
	1420—KGIW, Trinidad, Colo.
3.20 to 3.40	1210—WMBG, Richmond, Va.
	1310—WTRC, Elkhart, Ind.
	1370—KICA, Clovis, N. M.
3.30 to 3.50	1370—WSVS, Buffalo, N. Y.
	1410—WBCM, Bay City, Mich.
	1200—KGHI, Little Rock, Ark.
3.40 to 4.00	1310—WGH, Newport News, Va.
	630—WGBF, Evansville, Ind.
	1420—KIDW, Lamar, Colo.
3.50 to 4.10	1210—WOCL, Jamestown, N. Y.
	1410—WROK, 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	1070—WCAZ, Carthage, Ill.
	1200—KFJB, Marshalltown, Ia.

4.50 to 5.10	1400—WKBF, 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	900—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—WDEO, Orlando, Fla.
	1210—WEBQ, Harrisburg, Ill.
	1310—KFYO, Lubbock, Tex.
4.10 to 4.30	1430—WNER, Memphis, Tenn.
	1200—WMFC, Lapeer, Mich.
	1370—KONO, San Antonio, Tex.
4.20 to 4.40	560—WQAM, Miami, Fla.
	1210—WHBF, Rock Island, Ill.
4.30 to 4.50	1220—WDAE, Tampa, Fla.
	1500—WKBZ, Muskegon, Mich.
	1370—KFJM, Grand Forks, N. D.
4.40 to 5.00	1210—WCBS, Springfield, Ill.
4.50 to 5.10	880—WCOC, Meridian, Miss.
	1500—WKBV, 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—WTOC, Savannah, Ga.
	1370—WHBD, Mt. Orab, O.
	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, Manitowoc, 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.

3.30 to 3.50	1310—KFXN, Oklahoma City, Okla.
	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—WMB, Detroit, Mich.
	1200—WCAT, Rapid City, S. D.
4.00 to 4.20	1310—WFDF, Flint, Mich.
	1240—KGCU, Mandan, N. D.
4.10 to 4.30	1200—WFBE, Cincinnati, O.
	1370—KWYO, Sheridan, Wyo.
4.20 to 4.40	1450—WGAR, 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.
	1430—KWCN, Des Moines, Ia.
5.10 to 5.30	1210—WIBU, Poynette, Wis.
	1500—KGFI, Corpus Christi, Tex.
5.20 to 5.40	1370—WHDF, Calumet, Mich.
	1420—WLBK, Kansas City, Kan.
5.30 to 5.50	1210—WCRW, 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—WGNY, 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—KTRI, 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—WOV, 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.
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—KFXJ, 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.

1200	10BU, Canora, Sask., Canada
1210	XEC, Toluca, D. F., Mexico
1260	WLBW, Oil City, Pa.
1280	CMCO, Havana, Cuba
1325	COX, Havana, Cuba
1420	KABR, Aberdeen, S. D.
1450	COK, Havana, Cuba

FIRST SUNDAY

3.00 to 3.20	1290—KLCN, 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	570—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	CFCY, 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.

FREQUENCIES

575	HIX, Santo Domingo, D. R., from 1270
610	CMCQ, Havana, Cuba, from 680
730	XEBC, Agua Caliente, B. C., Mexico, from 760
780	CKY, Winnipeg, Manitoba, Canada, from 960
810	CMCF, Havana, Cuba, from 610
900	CMX, Havana, Cuba, from 918
960	CMCD, Havana, Cuba, from 950
975	CMCB, Havana, Cuba, from 1060
1010	XEU, Veracruz, Mexico, from 980
1050	CFCO, Chatham, Ont., from 600
1240	XEKL, Leon, Guan., Mexico, from 920
1255	CMCU, Havana, Cuba, from 1370
1270	XEG, Ensenada, Mexico, from 1280
1350	CMBD, Havana, Cuba, from 1320
1420	WSPA, Spartanburg, S. C., from 920
1440	CMBX, Havana, Cuba, from 1420

POWER

710	WOR, Newark, N. J., from 5000 to 50000
1070	KJBS, San Francisco, Cal., from 100 to 500
1120	KRKD, Los Angeles, Cal., from 500 to 1000
1340	WFEA, Manchester, N. H., from 500 to 5000
1350	WAWZ, Zarephath, N. J., from 250 to 500
1440	CMBX, Havana, Cuba, from 150 to 250
1440	KXYZ, Houston, Texas, from 250 to 500

LOCATION

600	WMT, to Cedar Rapids, Ia.
1200	KSUN, to Bisbee, Ariz.
1200	WJBC, to Normal, Illinois.
1210	WGCM, to Mississippi City, Miss.
1500	WMEX, to Boston, Mass.

NEW STATIONS AND CALLS

625	XEZ, Merida, Yucatan, Mexico
950	—, Chico, California
1175	CMOA, Havana, Cuba (was COA)
1200	—, Anderson, S. C.
1210	—, Clarksdale, Miss.
1260	WHIO, Dayton, Ohio (was WLBW)
1310	XEC, Tijuana, B. C., Mexico
1325	CMOX, Havana, Cuba (was COX)
1370	—, El Dorado, Ark.
1420	KABN, Aberdeen, S. D. (was KABR)
1420	KRLC, Lewiston, Idaho
1420	WMFJ, Daytona Beach, Fla.
1420	WMFK, Ponce, Puerto Rico
1470	CMOK, Havana, Cuba (was COK)

THE MONTH'S CHANGES

DELETIONS

1175	COA, Havana, Cuba
1200	10BQ, Brantford, Ont., Canada

The DXer's View

By WILLIAM H. APPLEGATE

I read with much interest the article in the November issue of The Dialist by Manager A. L. McKee of WHBU, Anderson, Ind., wherein he gave the station's viewpoint of the DX fan.

I would like to speak a few words in behalf of the DX fraternity of which I am an enthusiastic member. As vice-chairman of the courtesy programs committee of The Newark News Radio Club, I have for the past several seasons been contacting many radio stations for special dedicatory programs. During that time I have had the great pleasure of working with the broadcasting stations of Canada and as a result, much information has come to my attention about the conduct of DX fans reporting reception. Consequently, I feel I am somewhat familiar with the situation at the transmitting end as well as the position of the DXer.

DXers Can Help

While I believe Mr. McKee has fairly outlined the situation with regard to DXing activities and fan mail, I feel he has cast a shadow on the DX fan in general. It may be that he has been subjected to more than his share of undesirable reports, which if true, is most regrettable. It is unfortunate all fans do not conduct their DXing activities in a fair and honest manner and that all are not reasonable in their requests or demands upon the broadcasters. If each would do his or her part in reporting accurately, honestly and helpfully to all stations, inclosing cost of return postage when a verification is desired, it would do much to establish a permanent friendship between the stations and the DX listeners. The entire situation would be greatly simplified and improved and DXing and courtesy programs would be a mutual pleasure.

There is one point to which I believe Mr. McKee has directed too much emphasis. That is in reference to just what a station should do when verifying a DX report. He urges fans to report by means of the double postal card method whereby the station would only have to sign the already filled out verification form and return it to the writer. I, for one, am very much against such a system. One of my principal reasons for DXing, and I am sure the main

reason of many other fans, is the pleasure of acquiring an attractive collection of verification letters and cards from stations accurately heard. If the double postal card system were to be universally adopted and thereby eliminate the personal touch of the individual station, I am afraid most of us would sooner or later lose interest in DXing. Certainly, few of us would consider it worthwhile to lose much early morning sleep merely to have a station return your own postal card..

Suggest Veri Card

It is my belief that if a station finds it too expensive and troublesome to verify listener's reception on their letterhead, which makes a very desirable confirmation, that an attractive verification card with the call letters imprinted in large type could be gotten up at a nominal cost to be mailed to DXers submitting accurate reports with return postage. If each fan would inclose a 3 cent stamp the extra amount over the cost of mailing the card would defray the cost of printing. Many stations already have this type of card; they are just as pleasing as the letterhead confirmation. I do hope Mr. McKee and other managers with similar ideas about verification of reception will look with favor upon this suggestion and remember that all DX fans are not as undeserving as are the few responsible for this unfavorable impression.

I am hopeful that Mr. McKee, like many Canadian station managers whom I have contacted, will find that the unpleasant experiences of DXing have been caused by DXers who, in the majority of cases are not members of The Newark News Radio Club. Certainly, our organization through the excellent guidance of its president, is constantly discouraging dishonesty or an unreasonable attitude by the DX fan.

ALL - WAVE RADIO

REPAIRING TO PLEASE THE
MOST EXACTING

REASONABLE CHARGES

Phone Unionville 2-1921

Micro Chats

One January night in 1914 a tall, slender young man hustled down a lamp-lit street in Boston. In one hand he carried a small suit case. As he walked swiftly along it rattled, for inside were billiard balls, Indian clubs and other juggling paraphernalia. Dodging across the street, he finally came to a halt before the Hub Theatre. A gleam came to his eyes as he studied a huge red billboard: "Amateur Night". With a deep breath he clutched the handle of his suit case tightly and entered. Today that young man—Fred Allen—is a top-flight radio comedian and star of the Town Hall Tonight series heard over a NBC-WEAF network each Wednesday evening at 9 EST., and today Fred Allen is giving other youngsters the same chance he had.

He is featuring an old time amateur night on his broadcasts and seeing to it that novices with talent get a better break than he did. Instead of playing to a howling, scoffing mob in one small theatre, these amateurs play to thousands of listeners throughout the United States. Instead of being pelted with vegetables if they are bad, they have only the momentary embarrassment of being stopped by a Chinese gong. Nor is there any question as to whom the winners are. A sound meter, installed in the large NBC studio from which the program is broadcast, records the volume of applause received by each contestant accurately and scientifically. The sound meter is a small device which fits into a case smaller than a suit case. It gauges sound in terms of decibels—units of sound measurement—and it solves all disputes which may arise when sound is tested by ear alone.

Noble Over Here

Ray Noble, famous English conductor, composer, arranger and pianist, has joined the American Federation of Musicians and has signed a contract with an American sponsor to broadcast a series of weekly programs over NBC networks. Noble, equally celebrated in this country for his phonograph recordings, song hits and his orchestra, will present a twenty-six week series shortly. It will be his first radio series in the United States. Noble has directed orchestras in London and enjoys an international reputation through the sales of his phonograph recordings. He has written both the words and music of such hits as "Goodnight, Sweetheart", "Love is the



VAUGHAN de LEATH

Famous blues singer is back on the air with "Songs for Sale" as a theme, Tuesdays at 7:45 P.M., EST, and Wednesdays and Thursdays at 2:30 P.M., EST, over the NBC-WEAF network. She introduces new songs on her programs along with old favorites.

Sweetest Thing", "The Very Thought of You" and dozens of others. He is twenty-eight years old.

The three Stewart Sisters, frequently heard on the Rudy Vallee program, are a trio by accident. Judy and Julie were singer and accompanist, respectively, until Julie's tonsils were removed, and presto—the girls were a duo. Together they were given a spot on a small Pacific coast station and moved to a larger station when they attracted favorable attention. About that time, Jean, who had been leading an orchestra, turned vocalist and joined them and the duo became a trio. Then, Vallee, on the West coast on a picture making engagement, heard them and brought them back East to sing with his orchestra on the air.

He Should Know

Isham Jones' first name is an enigma to his host of followers. They are divided into two camps—one using the short "i" as in it; the other the long "i" as in ice. Let Isham himself, decide it. All

right, the long "j" wins. One of the few orchestra leaders who creates his own tunes, he won considerable recognition as a song writer before he became prominent as a bandman. Three of his numbers are riding the crest of the air waves—"If You Were Only Mine", "I Can't Believe It's True" and "Let's Try Again". His first success was "Swinging Down The Lane", followed by "The One I Love Belongs to Somebody Else", and then came his greatest seller "I'll See You In My Dreams". Other numbers written by Jones during the golden decade of tin pan alley are "It Had To Be You", "Spain", "Down Where the Sun Goes Down" and "Indiana Moon". These tunes are listed because Isham won't revive them on the radio, let alone discuss them. "People aren't interested in the old songs I wrote", he says. "They want to hear all the up-to-the-minute pieces and besides, it looks too much as though I am showing off". Even a continuous deluge of requests has failed to convince him otherwise.

Here and There

A dozen Admiral Byrd enthusiasts appeared at Columbia's New York studios during a recent two-way broadcast to and from Little America hoping to be allowed to wish the Antarctic explorers holiday greetings via the short waves.... Al Kavelin, Tavern on the Green maestro, claims a long distance record since he received telephone calls from a fan on the Oklahoma Indian reservation and from another in Maine, all during one evening's broadcast.... Announcer Harry von Zell has one of the finest collections of calendars in New York—they were sent him by listeners after he mixed a date on a Byrd broadcast.... Jerry Cooper has purchased an interest in a boxer who was former southern intercollegiate champion.... Vivienne Segal is trying to sell her house in Hollywood which means she prefers radio to the movies.... George Givot, the "Grik" Ambassador of Good Will, is really of Russian parentage and was raised in Omaha, Neb.... About fifty alumni of Pittsburgh U attended Fred Waring's program at the CBS playhouse and when it was off the air Fred, the orchestra and all fifty faithfuls yelled themselves hoarse for every college they could think of.... Consternation resulted in the studios of WEBR, ABC Buffalo station, when the announcer one night recently told listeners at the end of a local program that the station would join the American Broadcasting network for the next period which would bring vocal

numbers by the "Three J's" trio. The switches were thrown in the control room and a dance program from New York came through. An investigation was started immediately and continued until the next day when it was learned that an airmail envelope containing ABC corrections had been burned in a plane fire at the Buffalo airport.



DANNY MALONE

The golden voice that comes from the Irish heart of this young tenor, now an NBC artist, was heard in the stokeholds of tramp ocean liners, in the bush of Australia and New Zealand and on the streets of London before an astute theatrical producer discovered him.

Garland Powell, director of WRUF, Gainesville, Fla., announces a series of three Newark News Radio Club dedicatory programs. The first will be transmitted February 14 beginning at 2:03 A. M., EST. Others will follow March 14 and April 4 at the same time.

Mr. Powell hopes for a good response on these WRUF specials and to that end NNRC members and DXers are asked to co-operate.

CJGX, Yorkton, Saskatchewan, received over one hundred letters in reference to their November 4 special. The station got out to Georgia in the South, Montreal in the East and Vancouver in the West. Dawson Richardson, owner, expresses appreciation to Vice-President W. H. Applegate for his co-operation.

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. 1, Hungary	546 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"/>	WFI	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"/>	WIS	Columbia, S. C.	1000	WIS, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WLIT	Philadelphia, Pa.	500	WFIL Broadcasting Co.
<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, Baja Cal.	250	Luis L. Castro.

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"/>	KGKO	Wichita Falls, Texas	250	Wichita Falls Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	KMTR	Hollywood, Cal.	1000	KMTR Radio Corp.
<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.	20000	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 Wasmmer, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	LS10	Buenos Aires, Arg.	3500	Casa 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. Fetzer.
<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"/>	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.	500	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"/>	CMCQ	Havana, Cuba	1000	Andres Martinez.
<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"/>	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.	500	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"/>	WLBZ	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	

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"/>	CKOV	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"/>	KGEX	Pierre, S. D.	200	Dana McNeil.
<input type="checkbox"/>	<input type="checkbox"/>	LS3	Buenos Aires, Arg.	4500	"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	

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.	500	N. Z. Broadcasting Board.

660 Kilocycles 454.3 Meters

<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"/>		Cologne, Germany	100000	Rundfunk Cologne

670 Kilocycles 447.5 Meters

<input type="checkbox"/>	<input type="checkbox"/>	LS4	Buenos Aires, Arg.	6000	Juan G. Gonzales Speroni.
<input type="checkbox"/>	<input type="checkbox"/>	WMAQ	Chicago, Ill.	50000	National Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>		Sottens, Switzerland	677 25000	

680 Kilocycles 440.9 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CMAF	Havana, Cuba	1000	International Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	HJN	Bogota, Colombia	500	Ministry of Posts.
<input type="checkbox"/>	<input type="checkbox"/>	KFEQ	St. Joseph, Mo.	2500	Seroggin & 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	Gloucester Bay, N. S.	2000	Canadian Marconi Co., Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	VOWR	St. John's, Nfld.	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"/>	CERB	Toronto, Ont.	10000	Rogers Majestic Co., Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	CJCJ	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.

700 Kilocycles 428.3 Meters

<input type="checkbox"/>	<input type="checkbox"/>	WLW	Cincinnati, Ohio	500000	Crosley Radio Corp.
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710 Kilocycles 422.3 Meters

□	□	KMPC	Beverly Hills, Cal.	500	Beverly Hills Broadcasting Corp.
□	□	KPCB	Seattle, Wash.	250	Queen City Broadcasting Co.
□	□	LSI	Buenos Aires, Arg.	5000	Municipalidad de Buenos Aires.
□	□	WOR	Newark, N. J.	50000	Bamberger Broadcasting Service, Inc.
□	□	XEN	Mexico City, D. F.	1000	Cerveceria Modelo, S. A.
□	□	IIRO	Rome, Italy	50000	

720 Kilocycles 416.4 Meters

□	□	KZEG	Manila, P. I.	1000	Erlanger & Galinger, Inc.
□	□	WGN	Chicago, Ill.	50000	WGN, Inc.
□	□	3YA	Christchurch, N. Z.	2500	N. Z. Broadcasting Board.

730 Kilocycles 410.7 Meters

□	□	CFPL	London, Ont.	100	Free Press & Printing Co.
□	□	CJCA	Edmonton, Alta.	500	Taylor & Pearson, Ltd.
□	□	CKAC	Montreal, Que.	5000	La Presse Publishing Co., Ltd.
□	□	CMK	Havana, Cuba	3150	National Broadcasting Co. of Cuba
□	□	CX10	Montevideo, Uruguay	1000	
□	□	XEBC	Agua Caliente, B. C.	5000	Agua Caliente Broadcasting Station.
□	□	5CL	Adelaide, Australia	5000	National Broadcasting Service.

740 Kilocycles 405.2 Meters

□	□	KMMJ	Clay Center, Neb.	1000	M. M. Johnson Co.
□	□	KTRB	Modesto, Cal.	250	T. R. McTammany & W. H. Bates, Jr.
□	□	WHEB	Portsmouth, N. H.	250	Granite State Broadcasting Corp.
□	□	WSB	Atlanta, Ga.	50000	Atlanta Journal.
□	□		Munich, Germany	745 100000	Rundfunk Munich.

750 Kilocycles 399.8 Meters

□	□	CMCW	Havana, Cuba	150	Vilarino y Cervantes
□	□	KGU	Honolulu, Hawaii	2500	Advertiser Publishing Co.
□	□	WJR	Detroit, Mich.	10000	WJR, Inc.
□	□	XEAM	Nuevo Laredo, Tams.	50	Edificio Banco Longoria

760 Kilocycles 394.5 Meters

□	□	KXA	Seattle, Wash.	250	American Radio Telephone Co.
□	□	WBAL	Baltimore, Md.	10000	American Radio News Corp.
□	□	WEW	St. Louis, Mo.	1000	St. Louis University
□	□	WJZ	New York, N. Y.	50000	National Broadcasting Co., Inc.
□	□	4QG	Brisbane, Australia	5000	National Broadcasting Service.

770 Kilocycles 389.4 Meters

□	□	KFAB	Lincoln, Neb.	5000	KFAB Broadcasting Co.
□	□	WBBM	Chicago, Ill.	25000	WBBM Broadcasting Corp.
□	□		Toulouse-Muret, Fr.	770 150000	

780 Kilocycles 384.4 Meters

□	□	CHWK	Chilliwack, B. C.	100	Chilliwack Broadcasting Co., Ltd.
□	□	CKY	Winnipeg, Man.	15000	Manitoba Telephone System.
□	□	CMBS	Havana, Cuba	150	Enrique Artalajo
□	□	KELW	Burbank, Cal.	500	Evening Herald Publishing Co.
□	□	KFDY	Brookings, S. D.	1000	South Dakota State College.
□	□	KFQD	Anchorage, Alaska	250	Anchorage Radio Club, Inc.
□	□	KGHL	Billings, Mont.	1000	N. W. Auto Supply Co.
□	□	KTM	Los Angeles, Cal.	500	Evening Herald Publishing Co.
□	□	WEAN	Providence, R. I.	500	Shepard Broadcasting Service, Inc.
□	□	WMC	Memphis, Tenn.	1000	Memphis Commercial Appeal, Inc.
□	□	WTAR	Norfolk, Va.	500	WTAR Radio Corp.
□	□	XEYZ	Mexico, D. F.	10000	Angel M. Diez.
□	□		Leipzig, Germany	785 120000	Rundfunk Leipzig.

790 Kilocycles 379.5 Meters

□	□	CMJK	Camaguey, Cuba	150	Comp. Cubana Nacl. de Radio.
□	□	KGO	San Francisco, Cal.	7500	National Broadcasting Co., Inc.
□	□	LR10	Buenos Aires, Arg.	8000	"Cultura."
□	□	WGY	Schenectady, N. Y.	50000	National Broadcasting Co., Inc.

800 Kilocycles 374.8 Meters

□	□	TIGP	San Jose, Costa Rica	75	Gonzalo Pinto.
□	□	WBAP	Fort Worth, Texas	50000	Carter Publications, Inc.
□	□	WFAB	Dallas, Texas	50000	Morning News and Journal.
□	□	WTBO	Cumberland, Md.	250	Associated Broadcast Corp.
□	□	3LO	Melbourne, Australia	4500	National Broadcasting Service.
□	□	SR	Falkirk, Scotland	804 50000	

810 Kilocycles 370.2 Meters

□	□	CMCF	Havana, Cuba	250	Raoul Karman.
□	□	CX14	Montevideo, Uruguay	1000	
□	□	WCCO	Minneapolis, Minn.	50000	N. W. Broadcasting, Inc.
□	□	WNYC	New York, N. Y.	1000	City of New York.
□	□	XFC	Aguascalientes, Ags.	350	
□	□	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"/>	XEP	Mexico, D. F.	500	Cia Difusora de Mexico, S. A.
<input type="checkbox"/>	<input type="checkbox"/>	XETW	Mexico, D. F.	500	Rafael M. Pena.

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.	27000	A. B. Dougall.
<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"/>		Berlin Germany	100000	Rundfunk, Berlin

850 Kilocycles 352.7 Meters

<input type="checkbox"/>	<input type="checkbox"/>	KIEV	Glendale, Cal.	250	Cannon System, Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	WWL	New Orleans, La.	10000	Loyola University.
<input type="checkbox"/>	<input type="checkbox"/>	WVPA	Clarion, Pa.	250	Clarion Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	XEXX	Mexico, D. F.	500	
<input type="checkbox"/>	<input type="checkbox"/>	2BL	Sydney, Australia	5000	National Broadcasting Service.

860 Kilocycles 348.6 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CMCX	Havana, Cuba	150	New Station.
<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 Co.
<input type="checkbox"/>	<input type="checkbox"/>	WHB	Kansas City, Mo.	500	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"/>	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"/>	CRCO	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	Scranton, Pa.	500	Scranton Broadcasters, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WPHR	Petersburg, Va.	500	WLBG, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WQAN	Scranton, Pa.	250	Scranton 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"/>	KFNF	Shenandoah, Iowa	500	Henry Field Co.
<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"/>	CMX	Havana, Cuba	1000	Casa "Lavin."
<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"/>	KSEI	Pocatello, Idaho	250	Radio Service Corp.
<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"/>	CMHW	Cienfuegos, Cuba	100	
<input type="checkbox"/>	<input type="checkbox"/>	CRCM	Montreal, Que.	5000	Canadian Radio Com.
<input type="checkbox"/>	<input type="checkbox"/>	LR2	Buenos Aires, Arg.	8500	Alfredo Schroeder.
<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"/>	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"/>	WPEN	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	

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"/>	CMJE	Camaguey, Cuba	200	John L. Stowers.
<input type="checkbox"/>	<input type="checkbox"/>	CMW	Havana, Cuba	1400	Troncosa y Gil.
<input type="checkbox"/>	<input type="checkbox"/>	KGBZ	York, Neb.	1000	KGBZ Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	KMA	Shenandoah, Iowa	1000	Earl E. May Seed Co.
<input type="checkbox"/>	<input type="checkbox"/>	KROW	Oakland, Cal.	500	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"/>	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"/>	WCSH	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.

950 Kilocycles 315.6 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CMHD	Caibarien, Cuba	250	Manuel Alvarez.
<input type="checkbox"/>	<input type="checkbox"/>		Chicoutimi, Que.	100	Canadian Radio Commission.
<input type="checkbox"/>	<input type="checkbox"/>	CRCS	Chico, Cal.	250	Golden Empire Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	KFWB	Hollywood, Cal.	1000	Warner Bros.
<input type="checkbox"/>	<input type="checkbox"/>	KMBC	Kansas City, Mo.	1000	Midland Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	LR3	Buenos Aires, Arg.	12000	"Nacional."
<input type="checkbox"/>	<input type="checkbox"/>	VONF	St. John's Nfd.	5000	Dominion Broadcasting Co., Ltd.
<input type="checkbox"/>	<input type="checkbox"/>	WRC	Washington, D. C.	500	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"/>	CMCD	Havana, Cuba	250	
<input type="checkbox"/>	<input type="checkbox"/>	CMJL	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"/>	CMCB	Havana, Cuba	150	Metropolitan Building.
<input type="checkbox"/>	<input type="checkbox"/>	CMGF	Matanzas, Cuba	100	Bernabe R. de la Torre.
<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"/>	KDKA	Pittsburgh, Pa.	50000	Westinghouse Electric & Mfg. Co.
<input type="checkbox"/>	<input type="checkbox"/>	XEAE	Mexicali, B. C.	200	

990 Kilocycles 302.8 Meters

□	□	LR4	Buenos Aires, Arg.
□	□	WBZ	Boston, Mass.
□	□	WBZA	Springfield, Mass.
□	□	XEAF	Nogales, Son.
□	□	XEK	Mexico City, D. F.

20000	"Radio Splendid."
50000	Westinghouse Electric & Mfg. Co.
1000	Westinghouse Electric & Mfg. Co.
500	Francisco G. Elias.
100	Arturo Martinez.

1000 Kilocycles 299.8 Meters

□	□	CMBZ	Havana, Cuba
□	□	KFVD	Los Angeles, Cal.
□	□	WHO	Des Moines, Iowa

100	Manuel y G. Salas
250	E. L. Cord.
50000	Central Broadcasting Co.

1010 Kilocycles 296.9 Meters

□	□	CHML	Hamilton, Ont.
□	□	CHWC	Regina, Sask.
□	□	CKCD	Vancouver, B. C.
□	□	CKCK	Regina, Sask.
□	□	CKCO	Ottawa, Ont.
□	□	CKIC	Wolfville, N. S.
□	□	CKWX	Vancouver, B. C.
□	□	CMJO	Ciego de Avila, Cuba
□	□	CX24	Montevideo, Uruguay
□	□	KGGF	Coffeyville, Kans.
□	□	KQW	San Jose, Cal.
□	□	WHN	New York, N. Y.
□	□	WNAD	Norman, Okla.
□	□	XEU	Veracruz, Vera.

50	Maple Leaf Radio Co., Ltd.
500	R. H. Williams & Sons, Ltd.
100	Vancouver Dally Province.
500	Leader-Post, Ltd.
100	Dr. G. M. Geldert.
50	Acadia University.
100	Western Broadcasting Co., Ltd.
50	Jose M. Rey.
1000	
1000	H. J. Powell & Stanley Platz.
1000	Pacific Agricultural Foundation.
1000	Marcus Loew Booking Agency.
1000	University of Oklahoma.
250	Fernando Pazos Sosa.

1020 Kilocycles 293.9 Meters

□	□	KYW	Philadelphia, Pa.
□	□	XEJ	Juarez, Chih.

10000	Westinghouse Electric & Mfg. Co.
250	Juan G. Buttner.

1030 Kilocycles 291.1 Meters

□	□	CFCN	Calgary, Alta.
□	□	CKLW	Windsor, Ont.
□	□	CMBC	Havana, Cuba
□	□	CMHI	Santa Clara, Cuba
□	□	CMKC	Santiago, Cuba
□	□	LR9	Buenos Aires, Arg.
□	□	XEB	Mexico City, D. F.
□	□		Heilsburg, Germany

10000	W. W. Grant & H. G. Love.
5000	Western Ont. Broadcasting Co., Ltd.
150	Domingo Fernandez.
150	Lavis y Paz.
150	Pinol Batlle y Cia.
5000	Gregorio Echaverria.
10000	El Buen Tono, S. A.
60000	Deutsche Stunde in Bayern.

1040 Kilocycles 288.3 Meters

□	□	CMGH	Matanzas, Cuba
□	□	CP4	LaPaz, Bolivia
□	□	KRLD	Dallas, Tex.
□	□	KWJJ	Portland, Ore.
□	□	WKAR	East Lansing, Mich.
□	□	WTIC	Hartford, Conn.
□	□		Rennes, France

15	Octavui y Julio Alvarez.
10000	
10000	KRLD Radio Corp.
500	KWJJ Broadcast Co.
1000	Michigan State College.
50000	Travelers Broadcasting Service.
120000	PTT.

1050 Kilocycles 285.5 Meters

□	□	CFCO	Chatham, Ont.
□	□	CMJG	Camaguey, Cuba
□	□	CRCK	Quebec, P. of Q.
□	□	CX26	Montevideo, Uruguay
□	□	KFBI	Ablene, Kans.
□	□	KNX	Hollywood, Cal.

100	John Beardall.
50	Jose Antonio Lefran.
1000	Canadian Radio Commission.
2000	Figuera, Canepa y Cia
5000	Farmers & Bankers Life Insurance Co.
50000	Western Broadcast Co., Inc.

1060 Kilocycles 282.8 Meters

□	□	KTHS	Hot Springs, Ark.
□	□	WBAL	Baltimore, Md.
□	□	WJAG	Norfolk, Neb.
□	□	XEA	Guadalajara, Jal.

10000	Chamber of Commerce.
10000	American Radio News Corp.
1000	Norfolk Daily News.
125	Alberto Palos Souza.

1070 Kilocycles 280.2 Meters

□	□	KJBS	San Francisco, Cal.
□	□	WCAZ	Carthage, Ill.
□	□	WDZ	Tuscola, Ill.
□	□	WTAM	Cleveland, Ohio

500	Julius Brunton & Sons Co.
100	Superior Broadcasting Service.
100	James L. Bush.
50000	National Broadcasting Co.

1080 Kilocycles 277.6 Meters

□	□	WBT	Charlotte, N. C.
□	□	WCBF	Waukegan, Ill.
□	□	WMBI	Chicago, Ill.
□	□	XEMA	Tampico, Tams.
□	□		Bordeaux, France

50000	Station WBT, Inc.
5000	Wilbur Glenn Voliva.
5000	Moody Bible Institute.
50	Manuel M. Pier
60000	"Radio Bordeaux."

1090 Kilocycles 275.1 Meters

□	□	CMGI	Colon, Cuba
□	□	CX28	Montevideo, Uruguay
□	□	KMOX	St. Louis, Mo.
□	□	WESG	Elmira, N. Y.

30	Armando Linanza.
2000	Miquel Biere.
50000	The Voice of St. Louis, Inc.
1000	Elmira Star Gazette, Inc.

1100 Kilocycles 272.6 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CMCY	Havana, Cuba	500	M. D. Autran.
<input type="checkbox"/>	<input type="checkbox"/>	CMHA	Sagua la Grande, Cuba	50	Abelardo Menocal.
<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"/>	KWKH	Shreveport, La.	10000	International Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	TIRCA	San Jose, Costa Rica	500	Perry Gilton.
<input type="checkbox"/>	<input type="checkbox"/>	WLWL	New York, N. Y.	5000	Society of St. Paul.
<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"/>	KSOO	Sioux Falls, S. D.	1000	Sioux Falls Broadcasting Association.
<input type="checkbox"/>	<input type="checkbox"/>	LS5	Buenos Aires, Arg.	5000	Rafael Diaz.
<input type="checkbox"/>	<input type="checkbox"/>	WRVA	Richmond, Va.	5000	Larus & Bro. Co., Inc.

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"/>	CMCG	Havana, Cuba	150	E. Pareda.
<input type="checkbox"/>	<input type="checkbox"/>	CMHJ	Cienfuegos, Cuba	60	Victorino Lopez Hontanon.
<input type="checkbox"/>	<input type="checkbox"/>	KFIO	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"/>	KRKD	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	American Radio News Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WMEH	Boston, Mass.	500	Joseph M. Kirby.
<input type="checkbox"/>	<input type="checkbox"/>	WTAU	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"/>	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"/>	IITO	Turin, Italy	7000	E. I. A. R.

1150 Kilocycles 260.7 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CMBG	Havana, Cuba	225	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.	5000	C. R. Sherrer y Cia.
<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	Medellin y Insurgentes.

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	Radiofographica de Guadalajara, S. A.

1170 Kilocycles 256.3 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CMJE	Camaguey, Cuba	50	Manuel Fernandez.
<input type="checkbox"/>	<input type="checkbox"/>	CMOA	Havana, Cuba	500	Edificio Rodriguez.
<input type="checkbox"/>	<input type="checkbox"/>	WCAU	Philadelphia, Pa.	50000	WCAU Broadcasting Co.

1180 Kilocycles 254.1 Meters

<input type="checkbox"/>	<input type="checkbox"/>	KEX	Portland, Ore.	5000	Western Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	KOB	Albuquerque, N. M.	10000	Albuquerque Journal.
<input type="checkbox"/>	<input type="checkbox"/>	WDGY	Minneapolis, Minn.	1000	Dr. Geo. W. Young.
<input type="checkbox"/>	<input type="checkbox"/>	WINS	New York, N. Y.	1000	Am. Radio News Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WMAZ	Macon, Ga.	1000	Southeastern Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	XEFA	Mexico, D. F.	500	Eduardo Limon Segui.
<input type="checkbox"/>	<input type="checkbox"/>		Copenhagen, Den.	1177 25000	"Radio Copenhagen."

1190 Kilocycles 252.0 Meters

<input type="checkbox"/>	<input type="checkbox"/>	LS2	Buenos Aires, Arg.	50000	Radio Prieto.
<input type="checkbox"/>	<input type="checkbox"/>	VE9EK	Montmagny, Que.	10	J. A. Marquis.
<input type="checkbox"/>	<input type="checkbox"/>	WATR	Waterbury, Conn.	100	The WATR Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WOAI	San Antonio, Texas	50000	Southern Industries, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WSAZ	Huntington, W. Va.	1000	WSAZ, Inc.
<input type="checkbox"/>	<input type="checkbox"/>		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.
KGVO	Missoula, Mont.	100	Mosby's Inc.
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.
KWVG	Stockton, Cal.	100	McClatchy Newspapers, Inc.
	Anderson, S. C.	100	Wilton E. Hall.
WABI	Bangor, Me.	100	1st Universalist Society.
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.
WIBX	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.
WNBO	Washington, Pa.	100	J. B. Spriggs.
WRBL	Columbus, Ga.	100	WRBL Radio Station, Inc.
WVAE	Hammond, Ind.	100	Hammond Calumet Broadcasting Corp.
XV3RC	Caracas, Venez.	500	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	Gaspeian Broadcasting Co.
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.
CMJI	Ciego de Avila	150	Gilberto Gessa Lopez.
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.
KPPC	Pasadena, Cal.	100	Pasadena Presbyt. Church.
KWEA	Shreveport, La.	100	International Broadcasting Corp.
KWFF	Hilo, T. H.	100	Hilo Broadcasting Co., Ltd.
KWTN	Watertown, S. D.	100	Greater Kampeska Radio Corp.
WALR	Clarksdale, Miss.	100	Attala Broadcasting Corp.
WBAX	Wilkes-Barre, Pa.	100	WALR Broadcasting Corp.
WBBL	Richmond, Va.	100	John H. Stenger, Jr.
WBRB	Red Bank, N. J.	100	Grace Covenant Presby. Church.
WCBS	Springfield, Ill.	100	Monmouth Broadcasting Co., Inc.
WCOL	Columbus, Ohio	100	WCBS, Inc.
WCRW	Chicago, Ill.	100	International Bible Students Ass'n.
WEBQ	Harrisburg, Ill.	100	Clinton R. White.
WEDC	Chicago, Ill.	100	Harrisburg Broadcasting Co.
WFAS	White Plains, N. Y.	100	Emil Denmark.
WGBB	Freeport, N. Y.	100	Westchester Broadcasting Corp.
WGCM	Mississippi City, Miss.	100	H. H. Carman.
WGNV	Chester, N. Y.	100	Great Southern Land Co.
WHBF	Rock Island, Ill.	100	Peter Goelet.
WHBU	Anderson, Ind.	100	Rock Island Broadcasting Co.
WIBU	Poynette, Wisc.	100	Anderson Broadcasting Corp.
			Wm. C. Forrester.

		WJBY	Gadsden, Ala.	100	Gadsden Broadcasting Co.
		WJEJ	Hagerstown, Md.	100	Hagerstown Broadcasting Co., Inc.
		WJIM	Lansing, Mich.	100	Capitol City Broadcasting Co.
		WJW	Akron, Ohio	100	WJW, Inc.
		WKOK	Sunbury, Pa.	100	Sunbury Broadcasting Co.
		WMBG	Richmond, Va.	100	Havens & Martin, Inc.
		WMFG	Hibbing, Minn.	100	Head of Lakes Broadcasting Co.
		WOCL	Jamestown, N. Y.	100	A. E. Newton.
		WOMT	Manitowoc, Wisc.	100	Francis M. Kadow.
		WPAC	Thomasville, Ga.	100	H. Wimpy.
		WSBC	Chicago, Ill.	100	Gene T. Dyer.
		WSIX	Springfield, Tenn.	100	638 Tire & Vulcanizing Co.
		WSOC	Charlotte, N. C.	100	WSOC, Inc.
		WTAX	Springfield, Ill.	100	WTAX, Inc.
		XEE	Durango, Dgo.	50	
		XEEJ	Monterrey, N. L.	100	R. Junco de la Vega
		XEFV	Juarez, Chih.	100	J. Onfre Meza.
		XEMZ	Tijuana, B. C.	30	Adolfo Labatida, Jr.
		XETH	Puebla, Pue.	100	Ramon Huertag.

1220 Kilocycles 245.8 Meters

		CMHK	Cruces, Cuba	50	Virgilio Villaeuva Fernandez.
		KFKU	Lawrence, Kans.	1000	University of Kansas.
		KTW	Seattle, Wash.	1000	First Presbyterian Church.
		KWSC	Pullman, Wash.	1000	State College of Wash.
		WCAD	Canton, N. Y.	500	St. Lawrence University.
		WCAE	Pittsburgh, Pa.	1000	WCAE, Inc.
		WDAE	Tampa, Fla.	1000	Tampa Times Co.
		WLAW	Lawrence, Kans.	1000	Jenny Wren Co.
		ITR	Trieste, Italy	10000	E. I. A. R.

1230 Kilocycles 243.8 Meters

		CJOC	Lethbridge, Alta.	100	H. R. Carson, Ltd.
		CMCA	Havana, Cuba	150	J. M. Gonzales.
		CPX	LaPaz, Bolivia	5000	
		KGBX	Springfield, Mo.	500	KGBX, Inc.
		KGGM	Albuquerque, N. M.	250	New Mex. Broadcasting Co.
		KYA	San Francisco, Cal.	1000	Pacific Broadcasting Corp.
		LSR	Buenos Aires, Arg.	20000	Confed. Esperitista Arg.
		WFBM	Indianapolis, Ind.	1000	Indianapolis Pow. & Lt. Co.
		WNAC	Boston, Mass.	1000	Shepard Broadcasting Service, Inc.

1240 Kilocycles 241.8 Meters

		CJCB	Sydney, N. S.	1000	N. Nathanson.
		CMHB	San Spiritus, Cuba	30	
		KGCU	Mandan, N. D.	250	Mandan Radio Assn.
		KLPM	Minot, N. D.	250	John B. Cooley.
		KTAT	Fort Worth, Texas	1000	Southwest Broadcasting Co.
		KTFI	Twin Falls, Idaho	1000	Radio Broadcasting Corp.
		WKAQ	San Juan, P. R.	1000	Radio Corp. of P. R.
		WXYZ	Detroit, Mich.	1000	Kunsky-Trendle Broadcasting Corp.
		XEAI	Mexico, D. F.	100	Carlos Gonzales Caballero.
		XEKL	Leon, Guan.	500	Cia Difusora del Bajio, S. A.

1250 Kilocycles 239.9 Meters

		CMCU	Havana, Cuba	150	Jorge Garcia Serra.
		KFOK	Long Beach, Cal.	1000	Nicholas & Warinner, Inc.
		WCAL	Northfield, Minn.	1000	St. Olaf College.
		WDSU	New Orleans, La.	1000	WDSU, Inc.
		WHBI	Newark, N. J.	1000	Hoyt Bros., Inc.
		WLB	Minneapolis, Minn.	1000	Univ. of Minnesota.
		WNEW	Newark, N. J.	1000	WODAAM Corp.
		WTCN	Minneapolis, Minn.	1000	Minnesota Broadcasting Corp.

1260 Kilocycles 238.0 Meters

		CFRN	Edmonton, Alta.	100	G. R. A. Rice.
		KOIL	Council Bluffs, Iowa	1000	Mona Motor Oil Co.
		KPAC	Port Arthur, Tex.	500	Port Arthur College.
		KRGV	Weslaco, Texas	500	KRGV, Inc.
		KUOA	Fayetteville, Ark.	1000	KUOA, Inc.
		KVOA	Tucson, Ariz.	500	Arizona Broadcasting Co.
		WHIO	Dayton, Ohio	1000	The Miami Valley Broadcasting Corp.
		WNBX	Springfield, Vt.	1000	WNBX Broadcasting Corp.
		WTOC	Savannah, Ga.	500	Savannah Broadcasting Co., Inc.

1270 Kilocycles 236.1 Meters

		KGCA	Decorah, Iowa	100	Chas. W. Greenley.
		KOL	Seattle, Wash.	1000	Seattle Broadcasting Co.
		KVOR	Colorado Springs, Col.	1000	S. H. Patterson.

		KWLC	Decorah, Iowa	100	Luther College.
		LS9	Buenos Aires, Arg.	5000	Tagliaferro, Raffo y Cia.
		WASH	Grand Rapids, Mich.	500	Kunsky-Trendle Broadcasting Corp.
		WFBR	Baltimore, Md.	500	Baltimore Radio Show, Inc.
		WJDX	Jackson, Miss.	1000	Lamar Life Ins. Co.
		WOOD	Grand Rapids, Mich.	500	Kunsky-Trendle Broadcasting Corp.
		XEG	Ensenada, B. C.	250	Voice of the Pacific.
		XFB	Jalapa, Ver.	1000	Gobierno Estado de Veracruz.

1280 Kilocycles 234.2 Meters

		KFBB	Great Falls, Mont.	1000	Buttrely Broadcasting Co.
		LU7	Bahia Blanca, Arg.	5000	
		WCAM	Camden, N. J.	500	City of Camden.
		WCAP	Asbury Park, N. J.	500	Radio Industries Broadcasting Co.
		WDOD	Chattanooga, Tenn.	1000	WDOD Broadcasting Corp.
		WIBA	Madison, Wisc.	500	Badger Broadcasting Co., Inc.
		WORC	Worcester, Mass.	500	A. F. Kleindienst.
		WRR	Dallas, Texas	500	City of Dallas.
		WTNJ	Trenton, N. J.	500	WOAX, Inc.

1290 Kilocycles 232.4 Meters

		KDYL	Salt Lake City, Utah	1000	Intermountain Broadcasting Corp.
		KLCN	Blytheville, Ark.	100	C. L. Lintzenich.
		KTRH	Houston, Texas	500	KTRH Broadcasting Co.
		WEBC	Superior, Wisc.	1000	Head of Lakes Broadcasting Co.
		WJAS	Pittsburgh, Pa.	1000	Pitts. Radio Supply House.
		WNBZ	Saranac Lake, N. Y.	50	Smith & Mace.
		WNEL	San Juan, P. R.	500	Juan Piza.

1300 Kilocycles 230.6 Meters

		CMKJ	Guantanamo, Cuba	20	Luis Morlote.
		KALE	Portland, Ore.	500	KALE, Inc.
		KFAC	Los Angeles, Cal.	1000	Los Angeles Broadcasting Co., Inc.
		KFTH	Wichita, Kans.	1000	Radio Station KFTH Co.
		KFJR	Portland, Ore.	500	Ashley C. Dixon.
		VOAC	St. John's, Nfd.	40	
		WBBR	Brooklyn, N. Y.	1000	Peoples Pulpit Assn.
		WEVD	New York, N. Y.	1000	Jewish Daily Forward.
		WFAB	New York, N. Y.	1000	5th Ave. Broadcasting Corp.
		WFBC	Greenville, S. C.	1000	Greenville News-Piedmont Co.
		WHAZ	Troy, N. Y.	500	Rensselaer Poly. Inst.
		WIOD	Miami, Fla.	1000	Metropolis Publishing Co.

1310 Kilocycles 228.9 Meters

		CHCK	Charlottetown, P. E. I.	50	W. E. Burke & J. A. Gesner.
		CJKL	Kirkland Lake, Ont.	100	Northern Broadcasting Co., Ltd.
		CJLS	Yarmouth, N. S.	100	Laurie L. Smith
		CKCV	Quebec, Que.	50	Vandry, Inc.
		KCRJ	Jerome, Ariz.	100	Chas. C. Robinson.
		KFBK	Sacramento, Cal.	100	Jas. McClatchy Pub. Co.
		KFPL	Dublin, Texas	100	C. C. Baxter.
		KFPM	Greenville, Texas	15	New Furniture Co.
		KFXR	Oklahoma City, Okla.	100	Exchange Ave. Baptist Church.
		KFYO	Lubbock, Texas	100	Kirksey Bros.
		KGCX	Wolf Point, Mont.	100	E. E. Krebsbach.
		KGEZ	Kalispell, Mont.	100	Donald C. Treloar.
		KGEW	Kearney, Neb.	100	Cent. Neb. Broadcasting Corp.
		KIT	Yakima, Wash.	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.
		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.
		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.
		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.
		XEC	Tijuana, B. C., Mexico	100	
		XECW	Mexico City, D. F.	10	Maria Elena Bravo de Cardero.
		XEFC	Merida, Yuc.	100	J. Molina.
		XEFW	Tampico, Tamps.	70	J. Expedito Martinez.
		XETB	Torreón, Coah.	125	Jose A. Berumen.
		XEX	Monterrey, N. L.	125	L. F. Petit Jean.
		XFA	Aguascalientes, Ags.	5	

1320 Kilocycles 227.1 Meters

		CMOX	Havana, Cuba	1325	200	10 y 19, Vedado.
		KGHF	Pueblo, Colo.	500	500	C. P. Ritchie.
		KGMB	Honolulu, T. H.	250	250	Honolulu Broadcasting Co.
		KID	Idaho Falls, Idaho	250	250	KID Broadcasting Co., Inc.
		KSO	Des Moines, Iowa	500	500	Des Moines Register.
		WADC	Akron, Ohio	1000	1000	Allen T. Simmons.
		WORK	York, Pa.	1000	1000	York Broadcasting Co.
		WSMB	New Orleans, La.	500	500	WSMB, Inc.

1330 Kilocycles 225.4 Meters

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

1340 Kilocycles 223.7 Meters

		KFPY	Spokane, Wash.	1000	1000	Symons Broadcasting Corp.
		KGDY	Huron, S. D.	250	250	Voice of So. Dakota, Inc.
		KGNO	Dodge City, Kans.	250	250	KGNO Broadcasting Station.
		WCOA	Pensacola, Fla.	500	500	Pensacola Broadcasting Co.
		WFEA	Manchester, N. H.	5000	5000	New Hampshire Broadcasting Co.
		WSPD	Toledo, Ohio	1000	1000	Toledo Broadcasting Co.
		XFD	Orizaba, Ver.	250	250	Gobierno Estado de Veracruz.
			Montpellier, France	30000	30000	PTT

1350 Kilocycles 222.1 Meters

		CMBD	Havana, Cuba	150	150	Luis Perez Garcia
		KIDO	Boise, Idaho	1000	1000	C. G. Phillips & F. L. Hill.
		KWK	St. Louis, Mo.	1000	1000	Thomas Patrick, Inc.
		WAWZ	Zarephath, N. J.	500	500	Pillar of Fire.
		WBNX	New York, N. Y.	250	250	Standard Cahill Co.

1360 Kilocycles 220.4 Meters

		CMJP	Moron, Cuba	75	75	Cesar Canail.
		CMKF	Holquin, Cuba	30	30	Libertad Esq. Arias
		KGER	Long Beach, Cal.	1000	1000	Consolidated Broadcasting Co.
		KGIR	Butte, Mont.	1000	1000	KGIR, Inc.
		WCSC	Charleston, S. C.	500	500	So. Car. Broadcasting Co., Inc.
		WFBL	Syracuse, N. Y.	1000	1000	Onondaga Radio Broadcasting Corp.
		WGES	Chicago, Ill.	500	500	Oak Leaves Broadcasting Station, Inc.
		WQBC	Vicksburg, Miss.	500	500	Delta Broadcasting Co.
		WSBT	South Bend, Ind.	500	500	S. B. Tribune.

1370 Kilocycles 218.8 Meters

		CKCW	Moncton, N. B.	100	100	Moncton Broadcasting Co., Ltd.
		CMGE	Cardenas, Cuba	30	30	Genaro Sebatier.
		CX42	Montevideo, Uruguay	1000	1000	
			El Dorado, Ark.	100	100	
		KCRC	Enid, Okla.	100	100	Enid Radiophone Co.
		KERN	Bakersfield, Cal.	100	100	Bee Bakersfield Broadcasting Co.
		KFGQ	Boone, Iowa	100	100	Boone Biblical College.
		KFJM	Grand Forks, N. D.	100	100	Univ. of No. Dakota.
		KFJZ	Fort Worth, Texas	100	100	Ft. Worth Broadcasters, Inc.
		KFRO	Longview, Texas	100	100	Voice of Longview.
		KGAR	Tucson, Ariz.	100	100	Tucson Motor Service Co.
		KGFG	Oklahoma City, Okla.	100	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.	100	WDAS Broadcasting Co., Inc.
		WGL	Fort Wayne, Ind.	100	F. C. Zieg.
		WHBD	Mt. Orab, Ohio	100	Veebee Corp.
		WHBQ	Memphis, Tenn.	100	Broadcasting Station WHBQ, Inc.
		WHDF	Calumet, 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.
		WOC	Davenport, Ia.	100	Palmer School of Chiropractic.
		WPFB	Hattiesburg, Miss.	100	George T. Bishop.
		WQDM	St. Albans, Vt.	100	A. J. St. Antoine & E. J. Regan.
		WRAK	Williamsport, Pa.	100	WRAK, 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. Carranza.
		XEFZ	Mexico City, D. F.	100	Manuel Zetina.
		XEI	Morelia, Mch.	125	Carlos Gutierrez.
		XEZZ	San Luis Potosi, Slp.	100	Emilio Delgado.

1380 Kilocycles 217.3 Meters

		CMJC	Camaguey, Cuba	150	Feliciano Isaac.
		KOH	Reno, Nev.	500	The Bee, Inc.
		KQV	Pittsburgh, Pa.	500	KQV Broadcasting Co.
		WALA	Mobile, Ala.	500	Pape Broadcasting Corp.
		WBBH	La Crosse, Wisc.	1000	WBBH, 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.
		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

		CMCR	Havana, Cuba	150	Antonio Glnard.
		KLO	Ogden, Utah	500	Interstate Broadcasting Co.
		KTUL	Tulsa, Okla.	250	Tulsa Broadcasting Co., Inc.
		TGX	Guatemala City, Gua.	150	
		WARD	Brooklyn, N. Y.	500	U. S. Broadcasting Corp.
		WBBC	Brooklyn, N. Y.	500	Brooklyn Broadcasting Corp.
		WBBF	Indianapolis, Ind.	500	Indianapolis Broadcasting, Inc.
		WLTH	Brooklyn, N. Y.	500	Voice of Brooklyn, N. Y.
		WVFW	Brooklyn, N. Y.	500	Paramount Broadcasting Corp.

1410 Kilocycles 212.6 Meters

		CKGB	Timmins, Ont.	100	Northern Broadcasting Co., Ltd.
		CKFC	Vancouver, B. C.	50	United Church of Canada.
		CKNC	Toronto, Ont.	100	Canadian National Carbon, Ltd.
		CKMO	Vancouver, B. C.	100	Sprott-Shaw Radio Co.
		CX44	Montevideo, Uruguay	1000	
		KGRS	Amarillo, Texas	1000	E. B. Gish.
		WAAB	Boston, Mass.	500	Bay State Broadcasting Corp.
		WBCM	Bay City, Mich.	500	James E. Davidson.
		WDAG	Amarillo, Texas	1000	Natl. Radio & Broadcasting Corp.
		WHBL	Sheboygan, Wisc.	500	Press Publishing Co.
		WHIS	Bluefield, W. Va.	250	Daily Telegraph Printing Co.
		WRBX	Roanoke, Va.	250	Richmond Development Corp.
		WROK	Rockford, Ill.	500	Rockford Broadcasters, Ltd.
		WSFA	Montgomery, Ala.	500	Montgomery Broadcasting Co., Inc.

1420 Kilocycles 211.1 Meters

<input type="checkbox"/>	<input type="checkbox"/>	KABC	San Antonio, Texas	100	Alamo Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	KABN	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"/>	KFIZ	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"/>	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"/>	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.	50	Enquirer News Co.
<input type="checkbox"/>	<input type="checkbox"/>	WGPC	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"/>	WLEU	Erie, Pa.	100	Leo J. Omellan.
<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"/>	WNYU	Joplin, Mo.	100	W. M. Robertson.
<input type="checkbox"/>	<input type="checkbox"/>	WMEF	Daytona Beach, Fla.	100	W. W. Esch.
<input type="checkbox"/>	<input type="checkbox"/>	WMEK	Ponce, P. R.	100	Julio M. Conesa.
<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"/>	WSPA	Spartanburg, S. C.	1000	Voice of South Carolina
<input type="checkbox"/>	<input type="checkbox"/>	XEFB	Monterrey, N. L.	100	Jesus Quantanilla.

1430 Kilocycles 209.7 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CHGS	Summerside, P. E. I.	50	R. T. Holman, Ltd.
<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"/>	KWCR	Des Moines, Iowa.	250	Cedar Rapids 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

<input type="checkbox"/>	<input type="checkbox"/>	CMBX	Havana, Cuba	250	Alberto Alvarez.
<input type="checkbox"/>	<input type="checkbox"/>	KDFN	Casper, Wyo.	500	D. L. Hathaway.
<input type="checkbox"/>	<input type="checkbox"/>	KLS	Oakland, Cal.	250	Warner Bros.
<input type="checkbox"/>	<input type="checkbox"/>	KXYZ	Houston, Texas	500	Harris County Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WBG	Greensboro, N. C.	500	No. Car. Broadcasting Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WCBA	Allentown, Pa.	250	Lehigh Valley Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WMBD	Peoria, Ill.	500	Peoria Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WSAN	Allentown, Pa.	250	WSAN, Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WTAD	Quincy, Ill.	500	Illinois Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	XEFI	Chihuahua, Chih.	250	Feliciano Lopez.

1450 Kilocycles 206.8 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CFCT	Victoria, B. C.	75	Victoria Broadcasting Assn.
<input type="checkbox"/>	<input type="checkbox"/>	COK	Havana, Cuba	250	Quadronal y Quadro-Nox.
<input type="checkbox"/>	<input type="checkbox"/>	KTBS	Shreveport, La.	1000	Tri-State Broadcasting System.
<input type="checkbox"/>	<input type="checkbox"/>	WGAR	Cleveland, Ohio	500	WGAR Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WHOM	Jersey, City N. J.	250	N. J. Broadcasting Corp.
<input type="checkbox"/>	<input type="checkbox"/>	WSAR	Fall River, Mass.	250	Doughty & Welch Elec. Co., Inc.
<input type="checkbox"/>	<input type="checkbox"/>	WTEI	Athens, Ga.	500	Liberty Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>		Fecamp, France	20000	"Radio Normandie."

1460 Kilocycles 205.4 Meters

<input type="checkbox"/>	<input type="checkbox"/>	KSTP	St. Paul-Mpls., Minn.	10000	Natl. Battery Broadcasting Co.
<input type="checkbox"/>	<input type="checkbox"/>	WJSV	Washington, D. C.	10000	Old Dominion Broadcasting Corp.

1470 Kilocycles 204.0 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CMOK	Havana, Cuba	250	Rafael Valdes
<input type="checkbox"/>	<input type="checkbox"/>	WLAC	Nashville, Tenn.	5000	Life & Casualty Ins. Co.

1480 Kilocycles 202.6 Meters

<input type="checkbox"/>	<input type="checkbox"/>	KOMA	Oklahoma City, Okla.	5000	Natl. Radio Mfg. Co.
<input type="checkbox"/>	<input type="checkbox"/>	WKBW	Buffalo, N. Y.	5000	Buffalo Broadcasting Co.

1490 Kilocycles 201.2 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CX48	Montevideo, Uruguay
<input type="checkbox"/>	<input type="checkbox"/>	WCKY	Covington, Ky.

1500	
5000	L. B. Wilson, Inc.

1500 Kilocycles 199.9 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CMCN	Havana, Cuba
<input type="checkbox"/>	<input type="checkbox"/>	KDB	Santa Barbara, Cal.
<input type="checkbox"/>	<input type="checkbox"/>	KGEI	Corpus Christi, Texas
<input type="checkbox"/>	<input type="checkbox"/>	KGFK	Moorhead, Minn.
<input type="checkbox"/>	<input type="checkbox"/>	KGKB	Tyler, Texas
<input type="checkbox"/>	<input type="checkbox"/>	KGKY	Scottsbluff, Neb.
<input type="checkbox"/>	<input type="checkbox"/>	KNOW	Austin, Texas
<input type="checkbox"/>	<input type="checkbox"/>	KOTN	Pine Bluff, Ark.
<input type="checkbox"/>	<input type="checkbox"/>	KPJM	Prescott, Ariz.
<input type="checkbox"/>	<input type="checkbox"/>	KPQ	Wenatchee, Wash.
<input type="checkbox"/>	<input type="checkbox"/>	KREG	Santa Ana, Cal.
<input type="checkbox"/>	<input type="checkbox"/>	KXO	El Centro, Cal.
<input type="checkbox"/>	<input type="checkbox"/>	WCNW	Brooklyn, N. Y.
<input type="checkbox"/>	<input type="checkbox"/>	WDNC	Durham, N. C.
<input type="checkbox"/>	<input type="checkbox"/>	WGAL	Lancaster, Pa.
<input type="checkbox"/>	<input type="checkbox"/>	WHEF	Kosciusko, Miss.
<input type="checkbox"/>	<input type="checkbox"/>	WJBK	Detroit, Mich.
<input type="checkbox"/>	<input type="checkbox"/>	WKBB	East Dubuque, Ill.
<input type="checkbox"/>	<input type="checkbox"/>	WKBV	Richmond, Ind.
<input type="checkbox"/>	<input type="checkbox"/>	WKBZ	Muskegon, Mich.
<input type="checkbox"/>	<input type="checkbox"/>	WKEU	Griffin, Ga.
<input type="checkbox"/>	<input type="checkbox"/>	WMBQ	Brooklyn, N. Y.
<input type="checkbox"/>	<input type="checkbox"/>	WMEX	Boston, Mass.
<input type="checkbox"/>	<input type="checkbox"/>	WNBK	Binghamton, N. Y.
<input type="checkbox"/>	<input type="checkbox"/>	WOPI	Bristol, Tenn.
<input type="checkbox"/>	<input type="checkbox"/>	WRDW	Augusta, Ga.
<input type="checkbox"/>	<input type="checkbox"/>	WRGA	Rome, Ga.
<input type="checkbox"/>	<input type="checkbox"/>	WSYB	Rutland, Vt.
<input type="checkbox"/>	<input type="checkbox"/>	WWRL	Woodside, N. Y.
<input type="checkbox"/>	<input type="checkbox"/>	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	Westcoast Broadcasting Co.
100	Voice of the Orange Empire.
100	E. R. Irey & F. M. Bowles.
100	Arthur Faske.
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. Ashbacker & 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	Phillip Weiss Music Co.
100	Long Island Broadcasting Corp.
100	Walker & Downing Radio Corp.

1510 Kilocycles 198.6 Meters

<input type="checkbox"/>	<input type="checkbox"/>	CFRC	Kingston, Ont.
<input type="checkbox"/>	<input type="checkbox"/>	CKCR	Waterloo, Ont.

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

1530 Kilocycles 196.0 Meters

<input type="checkbox"/>	<input type="checkbox"/>	W1XB	Waterbury, Conn.
<input type="checkbox"/>	<input type="checkbox"/>	W9XB	Kansas City, Mo.

1000	Waterbury Republican.
1000	First National Television, Inc.

1550 Kilocycles 193.5 Meters

<input type="checkbox"/>	<input type="checkbox"/>	W2XR	Long Island City, N. Y.
<input type="checkbox"/>	<input type="checkbox"/>	W6XA	Bakersfield, Cal.

1000	Scientific Broadcasting Service.
1000	Pioneer Mercantile Co.

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Broadcasting Stations

(BY CALL LETTERS)

CALL	LOCATION	KCYS.	CALL	LOCATION	KCYS.
CFAC	—Calgary, Alta.	930	CKN	—Brandon, Man.	1120
CFCF	—Montreal, Que.	600	CKY	—Winnipeg, Man.	780
CFCH	—North Bay, Ont.	930	CMAF	—Havana, Cuba	680
CFCN	—Calgary, Alta.	1030	CMBC	—Havana, Cuba	1030
CFCO	—Chatham, Ont.	1050	CMBD	—Havana, Cuba	1350
CFCT	—Victoria, B. C.	1450	CMBG	—Havana, Cuba	1150
CFCY	—Charlottetown, P. E. I.	630	CMBS	—Havana, Cuba	780
CFJC	—Kamloops, B. C.	880	CMBX	—Havana, Cuba	1440
CFLC	—Prescott, Ont.	930	CMBY	—Havana, Cuba	635
CFNB	—Fredericton, N. B.	550	CMBZ	—Havana, Cuba	1005
CFPL	—London, Ont.	730	CMC	—Havana, Cuba	835
CFQC	—Saskatoon, Sask.	1230	CMCA	—Havana, Cuba	1230
CFRB	—Toronto, Ont.	690	CMCB	—Havana, Cuba	975
CFRC	—Kingston, Ont.	1510	CMCD	—Havana, Cuba	955
CFRN	—Edmonton, Alta.	1260	CMCF	—Havana, Cuba	815
CHAB	—Moose Jaw, Sask.	1200	CMCG	—Havana, Cuba	1120
CHCK	—Charlottetown, P. E. I.	1310	CMCJ	—Havana, Cuba	1200
CHGS	—Summerside, P. E. I.	1435	CMCM	—Havana, Cuba	1405
CHLP	—Montreal, Que.	1120	CMCN	—Havana, Cuba	1500
CHML	—Hamilton, Ont.	1010	CMCQ	—Havana, Cuba	610
CHNC	—New Carlisle, Que.	1210	CMCR	—Havana, Cuba	1400
CHNS	—Halifax, N. S.	930	CMCU	—Havana, Cuba	1255
CHRC	—Quebec, Que.	580	CMCW	—Havana, Cuba	750
CHSJ	—St. John, N. B.	1120	CMCX	—Havana, Cuba	860
CHWC	—Regina, Sask.	1010	CMCY	—Havana, Cuba	1100
CHWK	—Chilliwack, B. C.	780	CMGE	—Cardenas, Cuba	1375
CJAT	—Trail, B. C.	910	CMGF	—Matanzas, Cuba	970
CJCA	—Edmonton, Alta.	730	CMGH	—Matanzas, Cuba	1040
CJCB	—Sydney, N. S.	1240	CMGI	—Colon, Cuba	1094
CJCJ	—Calgary, Alta.	690	CMHA	—Sagua la Grande, Cuba	1103
CJGX	—Yorkton, Sask.	630	CMHB	—San Spiritus, Cuba	1245
CJIC	—Sault Ste. Marie, Ont.	890	CMHD	—Caibarien, Cuba	950
CJKL	—Kirkland Lake, Ont.	1310	CMHI	—Santa Clara, Cuba	1037
CJLS	—Yarmouth, N. S.	1310	CMHJ	—Cienfuegos, Cuba	1125
CJOC	—Lethbridge, Alta.	1230	CMHK	—Cruces, Cuba	1225
CJOR	—Vancouver, B. C.	600	CMHW	—Cienfuegos, Cuba	910
CJRC	—Winnipeg, Man.	1390	CMJC	—Camaguey, Cuba	1382
CJRM	—Moose Jaw, Sask.	540	CMJE	—Camaguey, Cuba	1175
CKAC	—Montreal, Que.	730	CMJF	—Camaguey, Cuba	930
CKBI	—Prince Albert, Sask.	1210	CMJG	—Camaguey, Cuba	1050
CKCD	—Vancouver, B. C.	1010	CMJH	—Ciego de Avila, Cuba	1150
CKCH	—Hull, Que.	1210	CMJI	—Ciego de Avila, Cuba	1210
CKCK	—Regina, Sask.	1010	CMJK	—Camaguey, Cuba	790
CKCL	—Toronto, Ont.	580	CMJL	—Camaguey, Cuba	960
CKCO	—Ottawa, Ont.	1010	CMJO	—Ciego de Avila, Cuba	1010
CKCR	—Waterloo, Ont.	1510	CMJP	—Moron, Cuba	1360
CKCV	—Quebec, Que.	1310	CMK	—Havana, Cuba	730
CKCW	—Moncton, N. B.	1370	CMKC	—Santiago, Cuba	1034
CKFC	—Vancouver, B. C.	1410	CMKF	—Holguin, Cuba	1363
CKGB	—Timmins, Ont.	1410	CMKJ	—Guantanamo, Cuba	1300
CKIC	—Wolfville, N. S.	1010	CMKM	—Manzanillo, Cuba	940
CKLW	—Windsor, Ont.	1030	CMOA	—Havana, Cuba	1175
CKMC	—Cobalt, Ont.	1210	CMOK	—Havana, Cuba	1470
CKMO	—Vancouver, B. C.	1410	CMOX	—Havana, Cuba	1325
CKNC	—Toronto, Ont.	1410	CMQ	—Havana, Cuba	840
CKOC	—Hamilton, Ont.	1120	CMW	—Havana, Cuba	930
CKOV	—Kelowna, B. C.	630	CMX	—Havana, Cuba	900
CKPC	—Brantford, Ont.	930	CP4	—LaPaz, Bolivia	1040
CKPR	—Fort William, Ont.	930	CPX	—LaPaz, Bolivia	1230
CKTB	—St. Catharines, Ont.	1200	CRCK	—Quebec, Que.	1050
CKUA	—Edmonton, Alta.	580	CRCM	—Montreal, Que.	910
CKWX	—Vancouver, B. C.	1010			

CRCO—Ottawa, Ont.	880	KFOX—Long Beach, Cal.	1250
CRCS—Chicoutimi, Que.	950	KFPL—Dublin, Texas	1310
CRCT—Toronto, Ont.	840	KFPM—Greenville, Texas	1310
CRCV—Vancouver, B. C.	1100	KFPW—Fort Smith, Ark.	1210
CX4—Montevideo, Uruguay	610	KFPY—Spokane, Wash.	1340
CX5—Montevideo, Uruguay	650	KFQD—Anchorage, Alaska	780
CX8—Montevideo, Uruguay	690	KFRC—San Francisco, Cal.	610
CX10—Montevideo, Uruguay	730	KFRO—Longview, Texas	1370
CX14—Montevideo, Uruguay	810	KFRU—Columbia, Mo.	630
CX24—Montevideo, Uruguay	1010	KFSD—San Diego, Cal.	600
CX26—Montevideo, Uruguay	1050	KFSG—Los Angeles, Cal.	1120
CX28—Montevideo, Uruguay	1090	KFUO—St. Louis, Mo.	550
CX42—Montevideo, Uruguay	1370	KFVD—Los Angeles, Cal.	1000
CX44—Montevideo, Uruguay	1410	KFVS—Cape Girardeau, Mo.	1210
CX48—Montevideo, Uruguay	1490	KFWB—Hollywood, Cal.	950
FQN—St. Pierre, Miq. Is.	609	KFXD—Nampa, Idaho	1200
HAL—Budapest No. 1, Hungary	546	KFXJ—Grand Junction, Colo.	1200
HHK—Port-au-Prince, Haiti	920	KFXM—San Bernardino, Cal.	1210
HHH—San Pedro de Macoris, D. R.	1395	KFXR—Oklahoma City, Okla.	1310
HIX—Santo Domingo, D. R.	575	KFYO—Lubbock, Texas	1310
HJN—Bogota, Colombia	680	KFYR—Bismarck, N. D.	550
IMI—Milan, Italy	814	KGA—Spokane, Wash.	900
IIO—Rome, Italy	713	KGAR—Tucson, Ariz.	1370
IIO—Turin, Italy	1140	KGB—San Diego, Cal.	1330
IIR—Trieste, Italy	1223	KGBU—Ketchikan, Alaska	900
KABC—San Antonio, Tex.	1420	KGBX—Springfield, Mo.	1230
KABN—Aberdeen, S. D.	1420	KGBZ—York, Neb.	930
KADA—Ada, Okla.	1200	KGCA—Decorah, Iowa	1270
KALE—Portland, Ore.	1300	KGCU—Mandan, N. D.	1240
KARK—Little Rock, Ark.	890	KGCX—Wolf Point, Mont.	1310
KASA—Elk City, Okla.	1210	KGDE—Fergus Falls, Minn.	1200
KBPB—Portland, Ore.	1420	KGDM—Stockton, Cal.	1100
KBTM—Jonesboro, Ark.	1200	KGDY—Huron, S. D.	1340
KCMC—Texarkana, Ark.	1420	KGEK—Sterling, Colo.	1200
KCRC—Enid, Okla.	1370	KGER—Long Beach, Cal.	1360
KCRJ—Jerome, Ariz.	1310	KGEZ—Kalispell, Mont.	1310
KDB—Santa Barbara, Cal.	1500	KGFF—Shawnee, Okla.	1420
KDFN—Casper, Wyo.	1440	KGFG—Oklahoma City, Okla.	1370
KDKA—Pittsburgh, Pa.	980	KGFI—Corpus Christi, Texas	1500
KDLR—Devils Lake, N. D.	1210	KGFJ—Los Angeles, Cal.	1200
KDYL—Salt Lake City, Utah	1290	KGFK—Moorhead, Minn.	1500
KECA—Los Angeles, Cal.	1430	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	KGGF—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	KGKI—San Angelo, Texas	1370
KFH—Wichita, Kans.	1300	KGKO—Wichita Falls, Texas	570
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
KFJM—Grand Forks, N. D.	1370	KGRS—Amarillo, Texas	1410
KFJR—Portland, Ore.	1300	KGU—Honolulu, Hawaii	750
KFJZ—Fort Worth, Texas	1370	KGVO—Missoula, Mont.	1200
KFKA—Greeley, Colo.	880	KGW—Portland, Ore.	620
KFKU—Lawrence, Kans.	1220	KGY—Olympia, Wash.	1210
KFNF—Shenandoah, Iowa	890	KHJ—Los Angeles, Cal.	900
KFOR—Lincoln, Neb.	1210	KHQ—Spokane, Wash.	590

KICA—Clovis, N. Mex.	1370	KSD—St. Louis, Mo.	550
KID—Idaho Falls, Idaho	1320	KSEI—Pocatello, Idaho	900
KIDO—Boise, Idaho	1350	KSL—Salt Lake City, Utah	1130
KIDW—Lamar, Colo.	1420	KSLM—Salem, Ore.	1370
KIEM—Eureka, Cal.	1210	KSO—Des Moines, Iowa	1320
KIEV—Glendale, Cal.	850	KSOO—Sioux Falls, S. D.	1110
KIT—Yakima, Wash.	1310	KSTP—St. Paul-Minneapolis, Minn.	1460
KJBS—San Francisco, Cal.	1070	KSUN—Bisbee, Ariz.	1200
KJK—Seattle, Wash.	970	KTAB—San Francisco, Cal.	560
KLCN—Blytheville, Ark.	1290	KTAR—Phoenix, Ariz.	620
KLO—Ogden, Utah	1400	KTAT—Fort Worth, Tex.	1240
KLPM—Minot, N. D.	1240	KTBS—Shreveport, La.	1450
KLRA—Little Rock, Ark.	1390	KTFI—Twin Falls, Idaho	1240
KLS—Oakland, Cal.	1440	KTHS—Hot Springs, Ark.	1060
KLUF—Galveston, Tex.	1370	KTM—Los Angeles, Cal.	780
KLX—Oakland, Cal.	880	KTRB—Modesto, Cal.	740
KLZ—Denver, Colo.	560	KTRH—Houston, Texas	1290
KMA—Shenandoah, Iowa	930	KTSA—San Antonio, Texas	550
KMAC—San Antonio, Tex.	1370	KTSM—El Paso, Texas	1310
KMBC—Kansas City, Mo.	950	KTUL—Tulsa, Okla.	1400
KMED—Medford, Ore.	1310	KTW—Seattle, Wash.	1220
KMJ—Fresno, Cal.	580	KUJ—Walla Walla, Wash.	1370
KMLB—Monroe, La.	1200	KUMA—Yuma, Ariz.	1420
KMMJ—Clay Center, Neb.	740	KUOA—Fayetteville, Ark.	1260
KMO—Tacoma, Wash.	1330	KUSD—Vermillion, S. D.	890
KMOX—St. Louis, Mo.	1090	KVI—Tacoma, Wash.	570
KMPC—Beverly Hills, Cal.	710	KVL—Seattle, Wash.	1370
KMTR—Los Angeles, Cal.	570	KVOA—Tucson, Ariz.	1260
KNOW—Austin, Texas	1500	KVOD—Denver, Colo.	920
KNX—Hollywood, Cal.	1050	KVOO—Tulsa, Okla.	1140
KOA—Denver, Colo.	830	KVOR—Colorado Springs, Colo.	1270
KOAC—Coryallis, Ore.	550	KVOS—Bellingham, Wash.	1200
KOB—Albuquerque, N. Mex.	1180	KWCR—Des Moines, Iowa	1430
KOH—Reno, Nev.	1380	KWEA—Shreveport, La.	1210
KOIL—Council Bluffs, Ia.	1260	KWFFV—Hilo, Hawaii	1210
KOIN—Portland, Ore.	940	KWG—Stockton, Cal.	1200
KOL—Seattle, Wash.	1270	KWJJ—Portland, Ore.	1040
KOMA—Oklahoma City, Okla.	1480	KWK—St. Louis, Mo.	1350
KOMO—Seattle, Wash.	920	KWKC—Kansas City, Mo.	1370
KONO—San Antonio, Tex.	1370	KWKH—Shreveport, La.	1100
KOOS—Marshfield, Ore.	1200	KWLC—Decorah, Iowa	1270
KORE—Eugene, Ore.	1420	KWSC—Pullman, Wash.	1220
KOTN—Pine Bluff, Ark.	1500	KWTN—Watertown, S. D.	1210
KOY—Phoenix, Ariz.	1390	KWTO—Springfield, Mo.	560
KPAC—Port Arthur, Texas	1260	KWYO—Sheridan, Wyo.	1370
KPCB—Seattle, Wash.	710	KXA—Seattle, Wash.	760
KPJM—Prescott, Ariz.	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
KRE—Berkeley, Cal.	1370	LR2—Buenos Aires, Arg.	910
KREG—Santa Ana, Cal.	1500	LR3—Buenos Aires, Arg.	950
KRGV—Weslaco, Texas	1260	LR4—Buenos Aires, Arg.	990
KRKD—Los Angeles, Cal.	1120	LR5—Buenos Aires, Arg.	830
KRKO—Everett, Wash.	1370	LR8—Buenos Aires, Arg.	1150
KRLC—Lewiston, Idaho	1420	LR9—Buenos Aires, Arg.	1030
KRLD—Dallas, Texas	1040	LR10—Buenos Aires, Arg.	790
KRMD—Shreveport, La.	1310	LS1—Buenos Aires, Arg.	710
KROW—Oakland, Cal.	930	LS2—Buenos Aires, Arg.	1190
KRSC—Seattle, Wash.	1120	LS3—Buenos Aires, Arg.	630
KSAC—Manhattan, Kans.	580	LS4—Buenos Aires, Arg.	670
KSCJ—Sioux City, Iowa	1330	LS5—Buenos Aires, Arg.	1110
		LS8—Buenos Aires, Arg.	1230

LS9—Buenos Aires, Arg.	1270	WBZ—Boston, Mass.	990
LS10—Buenos Aires, Arg.	590	WBZA—Springfield, Mass.	990
LU7—Bahía 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	WCAL—Northfield, Minn.	1250
SEH—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	WCBA—Allentown, Pa.	1440
VAS—Glance Bay, N. S.	685	WCBD—Zion, 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.	955	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	WCNW—Brooklyn, N. Y.	1500
WAAW—Omaha, Neb.	660	WCOA—Pensacola, Fla.	1340
WABC—New York, N. Y.	860	WCOC—Meridian, Miss.	850
WABI—Bangor, Me.	1200	WCOL—Columbus, Ohio	1210
WABY—Albany, N. Y.	1370	WCRW—Chicago, Ill.	1210
WACO—Waco, Texas	1420	WCSC—Charleston, S. C.	1360
WADC—Akron, Ohio	1320	WCSH—Portland, Me.	940
WAGF—Dothan, Ala.	1370	WDAE—Tampa, Fla.	1220
WAGM—Presque Isle, Maine	1420	WDAE—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	WDRG—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	WEEI—Boston, Mass.	590
WBEO—Marquette, Mich.	1310	WEEU—Reading, Pa.	830
WBHS—Huntsville, Ala.	1200	WEHC—Charlottesville, Va.	1350
WBIG—Greensboro, N. C.	1440	WEHS—Cicero, Ill.	1420
WBNO—New Orleans, La.	1200	WELL—Battle Creek, Mich.	1420
WBNS—Columbus, O.	1430	WENR—Chicago, Ill.	870
WBNX—New York, N. Y.	1350	WESG—Elmira, N. Y.	1090
WBOQ—New York, N. Y.	860	WEVD—New York, N. Y.	1300
WBOW—Terre Haute, Ind.	1310	WEW—St. Louis, Mo.	760
WBRB—Red Bank, N. J.	1200	WEXL—Royal Oak, Mich.	1310
WBRC—Birmingham, Ala.	930	WFAA—Dallas, Texas	800
WBRE—Wilkes-Barre, Pa.	1310	WFAB—New York, N. Y.	1300
WBSO—Babson Park, Mass.	920	WFAM—South Bend, Ind.	1200
WBT—Charlotte, N. C.	1080	WFAS—White Plains, N. Y.	1210
WBTM—Danville, Va.	1370	WFBC—Greenville, S. C.	1300

WFBE—Cincinnati, Ohio	1200	WIS—Columbia, S. C.	560
WFBG—Altoona, Pa.	1310	WISN—Milwaukee, Wis.	1120
WFBL—Syracuse, N. Y.	1360	WJAC—Johnstown, Pa.	1310
WFBM—Indianapolis, Ind.	1230	WJAG—Norfolk, Neb.	1060
WFBR—Baltimore, Md.	1270	WJAR—Providence, R. I.	890
WFDF—Flint, Mich.	1310	WJAS—Pittsburgh, Pa.	1290
WFEA—Manchester, N. H.	1340	WJAX—Jacksonville, Fla.	900
WFI—Philadelphia, Pa.	560	WJAY—Cleveland, Ohio	610
WFLA—Clearwater, Fla.	620	WJBC—Normal, Ill.	1200
WGAL—Lancaster, Pa.	1500	WJBK—Detroit, Mich.	1500
WGAR—Cleveland, Ohio	1450	WJBL—Decatur, Ill.	1200
WGBB—Freeport, N. Y.	1210	WJBO—Baton Rouge, La.	1420
WGBF—Evansville, Ind.	630	WJBW—New Orleans, La.	1200
WGBI—Scranton, Pa.	880	WJBY—Gadsden, Ala.	1210
WGCM—Mississippi City, Miss.	1210	WJDX—Jackson, Miss.	1270
WGES—Chicago, Ill.	1360	WJEJ—Hagerstown, Md.	1210
WGH—Newport News, Va.	1310	WJIM—Lansing, Mich.	1210
WGL—Fort Wayne, Ind.	1370	WJJD—Chicago, Ill.	1130
WGN—Chicago, Ill.	720	WJMS—Ironwood, Mich.	1420
WGNV—Chester, N. Y.	1210	WJR—Detroit, Mich.	750
WGPC—Albany, Ga.	1420	WJSV—Washington, D. C.	1460
WGR—Buffalo, N. Y.	550	WJTL—Atlanta, Ga.	1370
WGST—Atlanta, Ga.	890	WJW—Akron, Ohio	1210
WGY—Schenectady, N. Y.	790	WJZ—New York, N. Y.	760
WHA—Madison, Wis.	940	WKAQ—San Juan, P. R.	1240
WHAM—Rochester, N. Y.	1150	WKAR—East Lansing, Mich.	1040
WHAS—Louisville, Ky.	820	WKBB—East Dubuque, Ill.	1500
WHAT—Philadelphia, Pa.	1310	WKBF—Indianapolis, Ind.	1400
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—Mt. Orab, Ohio	1370	WKBO—Harrisburg, Pa.	1200
WHBF—Rock Island, Ill.	1210	WKBY—Richmond, Ind.	1500
WHBI—Newark, N. J.	1250	WKBW—Buffalo, N. Y.	1480
WHBL—Sheboygan, Wis.	1410	WKBY—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—Calumet, 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—Chicago, Ill.	1420	WLBC—Muncie, Ind.	1310
WHIO—Dayton, Ohio	1260	WLBF—Kansas City, Kans.	1420
WHIS—Bluefield, W. Va.	1410	WLBI—Stevens Point, Wis.	900
WHJB—Greensburg, Pa.	620	WLBZ—Bangor, Me.	620
WHK—Cleveland, Ohio	1390	WLEU—Erie, Pa.	1420
WHN—New York, N. Y.	1010	WLIT—Philadelphia, Pa.	560
WHO—Des Moines, Ia.	1000	WLH—Lowell, Mass.	1370
WHOM—Jersey City, N. J.	1450	WLNH—Laconia, N. H.	1310
WHP—Harrisburg, Pa.	1430	WLS—Chicago, Ill.	870
WIBA—Madison, Wis.	1280	WLTH—Brooklyn, N. Y.	1400
WIBG—Glenside, Pa.	970	WLVA—Lynchburg, Va.	1200
WIBM—Jackson, Mich.	1370	WLW—Cincinnati, Ohio	700
WIBU—Poynette, Wis.	1210	WLWL—New York, N. Y.	1100
WIBW—Topeka, Kans.	580	WMAL—Washington, D. C.	630
WIBX—Utica, N. Y.	1200	WMAQ—Chicago, Ill.	670
WICC—Bridgeport, Conn.	600	WMAS—Springfield, Mass.	1420
WIL—St. Louis, Mo.	1200	WMAZ—Macon, Ga.	1180
WILL—Urbana, Ill.	890	WMBC—Detroit, Mich.	1420
WILM—Wilmington, Del.	1420	WMBD—Peoria, Ill.	1440
WIND—Gary, Ind.	560	WMBG—Richmond, Va.	1210
WINS—New York, N. Y.	1180	WMBH—Joplin, Mo.	1420
WIOD—Miami, Fla.	1300	WMBI—Chicago, Ill.	1080
WIP—Philadelphia, Pa.	610	WMBO—Auburn, N. Y.	1310

WMBQ—Brooklyn, N. Y.	1500	WRJN—Racine, Wis.	1370
WMBR—Jacksonville, Fla.	1370	WROK—Rockford, Ill.	1410
WMC—Memphis, Tenn.	780	WROL—Knoxville, Tenn.	1310
WMCA—New York, N. Y.	570	WRR—Dallas, Texas	1280
WMEX—Boston, Mass.	1500	WRUF—Gainesville, Fla.	830
WMFD—Wilmington, N. C.	1370	WRVA—Richmond, Va.	1110
WMFE—New Britain, Conn.	1420	WSAI—Cincinnati, Ohio	1330
WMFF—Plattsburg, N. Y.	1310	WSAJ—Grove City, Pa.	1310
WMFG—Hibbing, Minn.	1210	WSAN—Allentown, Pa.	1440
WMFJ—Daytona Beach, Fla.	1420	WSAR—Fall River, Mass.	1450
WMFK—Ponce, P. R.	1420	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
WNBF—Binghamton, N. Y.	1500	WSJS—Winston-Salem, N. C.	1310
WNBH—New Bedford, Mass.	1310	WSM—Nashville, Tenn.	650
WNBO—Washington, Pa.	1200	WSMB—New Orleans, La.	1320
WNBR—Memphis, Tenn.	1430	WSMK—Dayton, Ohio	1380
WNBX—Springfield, Vt.	1260	WSOC—Charlotte, N. C.	1210
WNBZ—Saranac Lake, N. Y.	1290	WSPA—Spartanburg, S. C.	1420
WNEI—San Juan, P. R.	1290	WSPD—Toledo, Ohio	1340
WNEW—Newark, N. J.	1250	WSUI—Iowa City, Iowa	880
WNOX—Knoxville, Tenn.	560	WSUN—St. Petersburg, Fla.	620
WNRA—Muscle Shoals, Ala.	1420	WSVA—Staunton, Va.	550
WNYC—New York, N. Y.	810	WSVS—Buffalo, N. Y.	1370
WOAI—San Antonio, Texas	1190	WSYB—Rutland, Vt.	1500
WOC—Davenport, Iowa	1370	WSYR—Syracuse, N. Y.	570
WOCL—Jamestown, N. Y.	1210	WSYU—Syracuse, N. Y.	570
WOI—Ames, Iowa	640	WTAD—Quincy, Ill.	1400
WOKO—Albany, N. Y.	1430	WTAG—Worcester, Mass.	580
WOL—Washington, D. C.	1310	WTAM—Cleveland, Ohio	1070
WOMT—Manitowoc, Wis.	1210	WTAQ—Eau Claire, Wis.	1330
WOOD—Grand Rapids, Mich.	1270	WTAR—Norfolk, Va.	780
WOPI—Bristol, Tenn.	1500	WTAW—College Station, Texas	1120
WOR—Newark, N. J.	710	WTAX—Springfield, Ill.	1210
WORC—Worcester, Mass.	1280	WTBO—Cumberland, Md.	800
WORY—York, Pa.	1320	WTCN—Minneapolis-St. Paul, Minn.	1250
WOS—Jefferson City, Mo.	630	WTEL—Philadelphia, Pa.	1310
WOSU—Columbus, Ohio	570	WTFI—Athens, Ga.	1450
WOV—New York, N. Y.	1130	WTIC—Hartford, Conn.	1046
WOW—Omaha, Neb.	590	WTJS—Jackson, Tenn.	1310
WOWO—Fort Wayne, Ind.	1160	WTMJ—Milwaukee, Wis.	620
WPAD—Paducah, Ky.	1420	WTNJ—Trenton, N. J.	1280
WPAX—Thomasville, Ga.	1210	WTOC—Savannah, Ga.	1260
WPEN—Philadelphia, Pa.	920	WTRC—Elkhart, Ind.	1316
WFFB—Hattiesburg, Miss.	1370	WYFW—Brooklyn, N. Y.	1400
WPG—Atlantic City, N. J.	1100	WVAE—Hammond, Ind.	1200
WPHR—Petersburg, Va.	880	WWJ—Detroit, Mich.	920
WPRO—Providence, R. I.	630	WWL—New Orleans, La.	850
WPTF—Raleigh, N. C.	680	WWNC—Asheville, N. C.	570
WQAM—Miami, Fla.	560	WWPA—Clarion, Pa.	850
WQAN—Scranton, Pa.	880	WWRL—Woodside, N. Y.	1500
WQBC—Vicksburg, Miss.	1360	WWSW—Pittsburgh, Pa.	1500
WQDM—St. Albans, Vt.	1370	WWVA—Wheeling, W. Va.	1160
WRAC—Williamsport, Pa.	1370	WXYZ—Detroit, Mich.	1240
WRAW—Reading, Pa.	1310	WIXBS—Waterbury, Conn.	1530
WRAX—Philadelphia, Pa.	920	W2XR—Long Island City, N. Y.	1550
WRBL—Columbus, Ga.	1200	W6XAI—Bakersfield, Cal.	1550
WRBX—Roanoke, Va.	1410	W9XBY—Kansas City, Mo.	1530
WRC—Washington, D. C.	950	XEA—Guadalajara, Jal.	1060
WRDO—Augusta, Me.	1370	XEAE—Tijuana, B. C.	980
WRDW—Augusta, Ga.	1500	XEAF—Nogales, Sonora	990
WREC—Memphis, Tenn.	600	XEAI—Mexico City, D. F.	1240
WREN—Lawrence, Kans.	1220	XEAL—Mexico City, D. F.	660
WRGA—Rome, Ga.	1500	XEAM—Nuevo Laredo, Tames	750

XEAO—Mexicali, B. C.	560	4RK—Rockhampton, Aust.	910
XEAU—Reynosa, Tamps.	960	5CK—Crystal Brook, Aust.	630
XEAZ—Leon, Guan.	1420	5CI—Adelaide, Aust.	730
XEB—Mexico City, D. F.	1030		
XEBC—Agua Caliente, B. C.	730		
XEC—Tijuana, B. C.	1310		
XECH—Mexico City, D. F.	1310		
XED—Guadalajara, Jal.	1160		
XEE—Durango, Durango	1210		
XEFA—Mexico City, D. F.	1180		
XEFB—Monterrey, N. L.	1420		
XEFC—Merida, Yuc.	1310		
XEFE—Nuevo Laredo, Tamps.	1370		
XEFG—Mexico City, D. F.	1100		
XEFI—Chihuahua, Chih.	720		
XEFJ—Monterrey, N. L.	1210		
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.	999		
XEKL—Leon, Guan.	1240		
XEMA—Tampico, Tamps.	1080		
XEMO—Tijuana, B. C.	860		
XEMZ—Tijuana, B. C.	1210		
XEN—Mexico City, D. F.	710		
XENT—Nuevo Laredo, Tamps.	910		
XEOX—Saltillo, Coah.	640		
XEP—Mexico City, D. F.	820		
XEPN—Piedras Negras, Coah.	585		
XES—Tampico, Tamps.	970		
XET—Monterrey, N. L.	690		
XETB—Torreon, 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.	850		
XEY—Merida, Yuc.	1200		
XEYZ—Mexico City, D. F.	780		
XEZ—Merida, Yuc.	625		
XEZZ—San Luis Potosi, S. L. P.	1370		
XFA—Aguascalientes, Ags.	1310		
XFB—Jalapa, V. C.	1270		
XFC—Aguascalientes, Ags.	810		
XFD—Orizaba, V. C.	1340		
XFO—Mexico City, D. F.	940		
XFX—Mexico City, D. F.	610		
XGOA—Nanking, China	660		
YVIRC—Caracas, Venezuela	960		
YVIRC—Caracas, Venezuela	880		
YVIRC—Caracas, Venezuela	1200		
10AK—Stratford, Ont.	1200		
10BP—Wingham, Ont.	1200		
1YA—Auckland, N. Z.	650		
2BL—Sydney, Aust.	855		
2YA—Wellington, N. Z.	570		
3AR—Melbourne, Aust.	610		
3LO—Melbourne, Aust.	806		
3YA—Christchurch, N. Z.	720		
4QG—Brisbane, Aust.	760		

STUDIO GOSSIP

(continued from page 5)

Three things make Irma Glen see red. First is snobbishness; second is insincerity and third is the stop labelled "brass" on her pipe organ. She can see all the other colors, too, in the tones of the instrument she plays on the Galaxy of Stars program heard on NBC three times weekly. Here's the way she lists the color pictures she builds in her mind during the programs: Green, the tibia; brown, the flutes; yellow, the saxophones; white, strings; black, diapason; pink, vox humana; gold, oboe; orange, krumet; blue, a mixture of tibias, strings and saxophones. To paint pipe organ pictures with a variety of colors in them, Irma uses a combination of violins and celeste for trees; a soft combination of strings in treble for light winds, and for a tinkling stream she uses a solo melody accompanied by rapid arpeggios on the hard stop.

Reser and his orchestra, for many years one of radio's most celebrated bands, returns to the air with Peg La Centra, diminutive contralto, and Ray Heatherton, popular young baritone, in a new series over NBC. "Harry Reser and his Crew", as the programs are entitled, are heard each Sunday at 4:30 P. M. Equally noted for his banjo solos and his direction of modern dance music, Reser was a continuous performer over NBC networks for more than eight years before he took his first vacation from the microphone this Summer. His orchestra also played at leading hotels, on extensive tours and for countless phonograph recordings.

Now is the time to have your Radio tuned-up for those hard-to-get stations.

LEON HOCHMAN

Former Factory Service Engineer

RADIO SERVICE

ALL SETS REPAIRED

SLOCUM 6-6545 170 EAST 94th STREET
MEMBER NNRC BROOKLYN, N. Y.

A Technical DX Report

By ALFRED W. OPPEL

A year ago we suggested a form for verifying reception of a DX station which has been responsible for an average of better than 99 per cent in returns. We now believe it will be of interest to DXers if we present an outline of a technical DX report easily understood by engineers and operators at the transmitting end.

First of all, we suggest the following information be incorporated in reports for confirmation: temperature at point of reception; direction of wind; cloudy, rainy, snow, moonlight, etc.; make and type of receiver including number of tubes and when reporting to a high-fidelity station be sure to give the age of your receiver and state whether you heard it on the BC or SW section of the dial; length and height of your aerial. Of course it is necessary to specify the time of your reception and the zone AST, EST, CST, MST, PST, etc.

Particular attention should be devoted to the technical part of the report as it involves the accuracy and judgment of the writer. It means that care must be exercised in the selection of the proper symbols to denote strength and clarity of signals according to the table below:

- RO—Not audible
- R1—Barely audible
- R2—Audible but intelligible
- R3—Audible, partly intelligible
- R4—Quiet, but intelligible
- R5—Fair, clearly intelligible
- R6—Moderately loud
- R7—Normal, good, clear reception
- R8—Strong reception
- R9—Local station signal strength

Symbols in the following table may be used to inform the station of the quality of its signal:

- F—Slight fading
- FF—Fairly deep fading but program held
- FFF—Complete fadeout and loss of program
- N—No fading
- SS—Slow fading
- S—Slow (one minute periods or so)
- R—Fairly rapid fading (several seconds' duration)
- RR—Very rapid (periods of one second or less)



JOHN KELVIN

Irish tenor heard over WOR Saturdays at 12:15 P.M., EST.

The symbol for static is QRN; for man-made static and interference from another station, QRM. If you are able to give the call letters of the interfering station by all means do so. The intensity of static is given thus: X—slight; XX—fairly heavy; XXX—very heavy.

Do not give a station an R8 or R9 rating and then omit periods of the program that break the continuity of your report. Be sure to write legibly and if you are able to do so in the language of the country in which the station is located so much the better. Inclose Canadian stamps or the equivalent in coin for return postage when reporting to broadcasters in that country; as a rule, the Cubans and Mexicans demand 10 cents for verifying and it is advisable to forward International Reply Coupons to all other countries. The coupons may be purchased for 9 cents each in the United States and be sure to have the date of purchase stamped in the left circle on the face of the coupons. A 3 cent stamp is sufficient to cover return postage for stations in this country.

With the Broadcasters

According to W. Van Weart, manager of KIUI, 1310 kcs., Sante Fe, N. M., his station will go on the air about February 15 with a thirty-hour inaugural program. Replying to James A. Good of The Newark News Radio Club courtesy programs committee, Mr. Van Weart says: "I have been in charge of numerous DX programs dedicated to your club in the past and have received mighty fine response from its members". Assuring Mr. Good he will be glad to transmit for the NNRC later on, Mr. Van Weart adds: "As a new station we will have particular need of response from listeners outside of our area and I know of no finer means of securing it than from members of your organization".

The formation of a state-wide chain of broadcasting stations in Pennsylvania for simultaneous transmission of programs is announced by The Keystone Network of Lancaster and Williamsport. A group of business men, sensing the need of small stations for programs of the calibre found on major networks, conceived the idea of the network and have taken out a corporation charter. It is expected that the stations to comprise the network which is scheduled to get under way during the latter part of February, will be announced in the very near future.

First DX

One of the recent additions to the ranks of broadcasters, KFRO, 1370 kcs., Longview, Tex., broadcast its first DX program in honor of The Newark News Radio Club the morning of January 27 from 3 to 5, EST. Its manager, T. R. Putnam, solicits listeners reports with the assurance his station is doing everything possible to make its programs enjoyable to both local and distance fans.

KLO, Ogden, Utah, are installing a new transmitter and through Louis Halter, manager, inform James J. Hart, a member of the NNRC courtesy programs committee, it will be completed about March 20 after which time the station will be glad to broadcast a special program for the club and its members.

Howard J. Perry, secretary of W2XR, the high-fidelity station assigned to 1550 kilocycles, reports prospects bright for them to fulfill an ambition—to become a quality station in the New York area. W2XR's transmitter is located in Long

Island City and its offices at 41 Park Row, New York City.

In announcing a special program for The Newark News Radio Club, Sunday, February 24, 1 to 5 A.M., EST, WBRB, 1210 kilocycles, Red Bank, N. J., advise this will be the only DX event on their calendar for the 1934-35 season and that only bonafide reports will be confirmed. All letters should be addressed to Andrew Hill, 14 Worthley Street, Red Bank.

C. H. W. Nason, technical director, TGW, Guatemala City, requests we notify our readers it is unnecessary to inclose coin, stamps, or international reply coupons when reporting reception of his station's programs.

Commenting about their December 23 NNRC broadcast, WCAU, Philadelphia, through Norris West, say: "We assure you it was a privilege to have been of assistance to your organization in its wonderful work for radio listeners".

Captain Frank J. Kennedy, Elk City, Okla., informs Fred M. Schmidt, 1064 Clifford Avenue, Rochester, N. Y., that those DXers desiring verifications from KASA, that city, must inclose 3 cents for return postage and a dime to cover cost of issuing. Report should be addressed to the Captain, care of KASA, who guarantees prompt response.

According to Clair E. Fultz, 80 Fourteenth Avenue, Columbus, O., WCOL, a local station, has been taken over by the owners of WBNS, also in Columbus. It is Mr. Fultz's belief that hereafter reports to WCOL will receive the same courteous consideration for which WBNS is noted.

H. J. McAllister's NNRC periods over KVI, Tacoma, Wash., have attracted much attention in DX circles of the northwest and as a result the club is receiving many requests for membership information. Leslie K. McClure, a regular listener, and who terms himself a dyed-in-wool DX fan, writes for an application and informs us he DXes with a fivetube Fada superhet with which he has logged 180 BC stations, including KGBU, Ketchikan, Alaska; 200 amateurs, 50 police, two television and one SW station. Mr. McClure advises that KWJJ, 1040 kcs., broadcast from 3 to 6:15 EST, every morning and that KXL, 1420 kcs., transmit an all-night program every Saturday.

Mike Fright

By HOWARD BUTLER

What is this thing called "mike fright"? What is this unknown terror that grips even seasoned performers and causes them to feel as though articulation were as remote as the poles? What freezes aspiring radio artists upon entering a studio for the first time?

It is nothing more than amplification, the worst human trait we know of—fear of the unknown caused by ignorance. It is much like having an appointment with the dentist to have a tooth extracted; the time preceding the appointment much worse than the actual operation.

The fear complex in radio is detrimental not only to the artist but its radiations cause others in close association to feel uncomfortable and at times even cause nausea. Physicologists who have studied this problem in connection with doomed prisoners whose days are numbered by the ticking of a clock than by the calendar, contend that the time preceding an execution is a terrific strain and is far worse than the rendezvous with death. Soldiers in battle are so imbued with the desperation of struggle that courage comes to be known as fortitude.

To those suffering anguish while awaiting the final knell of death the end comes sometimes as a welcome relief from the pit and pendulum as Poe would have it. However, in our modern maelstrom, radio has come to be known as

something that functions for our pleasure but the average listener if suddenly asked to broadcast would probably faint dead away. Ignorance of any subject always causes stoppage of reasoning processes if that subject happens to be far removed from the person's daily life.

Poise, The Answer

Therefore, it would seem that from the point of view of one who has made a study of "mike fright" more and better radio talent could be presented if our ordinary schools taught students the social essential, poise. Many announcers, seasoned as they are with the uncertainty of radio situations, feel themselves responding to some inward tremors caused by the unknown. What unknown? Mistakes in English, incorrect copy, studio set-ups, wrong cue to proceed and numerous other hazards of radio. Announcers call this a "jittery" feeling not condescending to the level of "mike fright" which is reserved for new-comers.

All in all, a great many auditions would be more successful if aspiring artists would cultivate the one important and all-important quality—poise. Crossing bridges before we come to them is responsible for more worn-out men and women than any other known cause—it is sometimes known as worry. So the advice to any embryonic artist is: "Don't worry. Just figure out the worst that can happen and then go ahead!"

NNRCers

The following have been admitted to membership in The Newark News Radio Club: Hugh Compton, San Diego, Cal.; Stephen D. Waring, Piru, Cal.; Bireley Ross, Dallas, Tex.; S. C. Bickness, Chicago; Clayton Beatty, Indianapolis; S. Raymond Lewis, Toledo, O.; E. J. Affeldt, Bay Village, O.; John V. Soden, Rocky Mount, N. C.; Arthur F. Benton, University, Va.; James W. Packett, Hagerstown, Md.; Harold Wagner, Erie, Pa.; Robert N. Hoffman, Germantown, Pa.; Norman Smith, Kirkland Lake, Ontario; Harold H. Badger, Campello, Mass.; William Wheatley, Brooklyn, N. Y., and in New Jersey: Prosper M. Travis, Montclair; George D. Holt, Herrick M. Thomas, Maplewood; John McClung, East Orange; Warren Rebel,

Springfield; Harry A. Luyster, Union; Katherine Nicol, Stanley Paton, Louis E. Garrigus, Jr., Irvington, and in Newark: Miss Erna Schmidt, John M. Keck, Nicholas Hock, Robert D. Scott and George F. Reilly.

Full of excitement and furnishing that certain something the American public craves, the hockey broadcasts on WMCA every Sunday, Tuesday and Thursday night, 10 to 10:45, EST, from Madison Square Garden in New York City, are bringing added enthusiasts into the fold of ice fight fans. Description of the games is relayed by Jack Filman, well-known sports commentator, assisted by Jack Fraser.

PRINCIPAL SHORT WAVE STATIONS OF THE WORLD

(COURTESY IDA)

Dial	Meters	Kcs.	Call	Location	Time (EST)
—	19.56	15330	W2XAD	Schenectady, N. Y.	2:30 to 3:30 P. M.
—	19.64	15270	W2XE	Wayne, N. J.	11 A. M. to 1 P. M.
—	19.67	15250	W1XAL	Boston, Mass.	10:50 to 1:30 P. M., Sunday
—	19.68	15243		Pontoise, France	7 to 11 A. M.
—	19.71	15220	PCJ	Eindhoven, Holland	8:30 to 11:30 A. M., except Tues., Wed.
—	19.72	15210	W8XK	Pittsburgh, Pa.	11 A. M. to 5:15 P. M.
—	19.73	15200	DJB	Zeesen, Germany	4 to 5:30 A. M., 8 to 11:30 A. M.
—	19.82	15140	GSF	Daventry, England	6 to 9 A. M.
—	19.84	15123	HVI	Vatican City, Italy	5 to 5:15 A. M., Saturday, 10 to 10:10 A. M.
—	19.95	15000	RKI	Moscow, U. S. S. R.	Sunday 6 to 7 A. M., 10 to 11 A. M., irregular
—	21.69	13830	SUZ	Abou Zabal, Egypt	Phone
—	22.35	13420	TIEP	San Jose, Costa Rica	Sundays irregular
—	25.00	12000	RNE	Moscow, U. S. S. R.	Sunday 6 to 7 A. M., 10 to 11 A. M.
—	25.02	11990	VIV	Melbourne, Australia	8:15 A. M. irregular phone
—	25.02	11990	FZS	Saigon, Indo China	9:15 to 9:30 A. M. and irregular phone
—	25.25	11880		Pontoise, France	11:15 A. M. to 2:15 P. M.
—	25.29	11860	GSE	Daventry, England	9:15 to 10:45 A. M.
—	25.40	11810	I2RO	Rome, Italy	
—	25.51	11760	DJD	Zeesen, Germany	Noon to 4:30 P. M.
—	25.53	11750	GSD	Daventry, England	3 to 5 A. M., 1 to 4:30 P. M.
—	25.57	11730	PHI	Huizen, Holland	8:30 to 10:30 A. M., except Tues. and Wed.
—	25.60	11720	CJRX	Winnipeg, Manitoba	11 to 12 P. M.
—	25.63	11705		Pontoise, France	7 to 10 A. M., 11 A. M. to 1 P. M.
—	25.68	11680	KIO	Kahuku, Hawaii	Irregular in late afternoons
—	26.80	11187	XAM	Medida, Mexico	Phones Mexico City
—	27.27	11000	PLP	Bandoeng, Java	Phones Sumatara
—	27.35	10962	OCI	Lima, Peru	Phone
—	27.66	10840	KWV	Dixon, California	Phone
—	28.36	10578	FYB	Paris, France	3:26 A. M. to 3:56 P. M.
—	28.99	10350	LSX	Buenos Aires, Arg.	Irregular Relays Byrd BC.
—	29.04	10330	ORK	Ruyselede, Belgium	2:45 to 4:30 P. M.
—	29.25	10250	PMN	Bandoeng, Java	Phones Sydney
—	29.84	10050	SUV	Abou Zabal, Egypt	Phone
—	30.30	9895	LSN	Buenos Aires, Arg.	Phone Irregularly
—	30.43	9860	EAQ	Madrid, Spain	5:15 to 7 P. M., Saturday 1 to 3 P. M.
—	30.67	9780	2RO	Rome, Italy	Mon., Wed., Friday 6:30 to 8 P. M.
—	31.25	9600	CT1AA	Lisbon, Portugal	Tuesday, Friday 4:30 to 7 P. M.
—	31.27	9595	HBL	Geneva, Switzerland	Saturday 5:30 to 6:15 P. M.
—	31.28	9590	VK3ME	Sydney, Australia	Sunday 1 to 3, 4:30 to 8:30, 9 to 11 A. M.
—	31.28	9590	W3XAU	Philadelphia, Pa.	Noon to 8 P. M.
—	31.30	9580	GSC	Daventry, England	6 to 8 P. M.
—	31.32	9580	3LR	3XX-Melbourne, Australia	3:15 to 7:30 A. M., except Sunday
—	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	9:15 to 10:45 P. M. irregular
—	31.48	9530	W2XAF	Schenectady, N. Y.	7:30 to 11 P. M.
—	31.55	9510	VK3ME	Melbourne, Australia	5 to 6:30 A. M., Wednesday and Saturday
—	31.55	9510	GSB	Daventry, England	3 to 5, 7:30 to 9 A. M., 9:15 A. M. to 5:45 P. M.
—	31.57	9500	PRF5	Rio de Janeiro, Brazil	5:30 to 6:15 P. M., except Sunday
—	31.61	9490	WEF	Rocky Point, N. Y.	Phones LSX and KFZ, etc.
—	31.70	9460	COH	Havana, Cuba	5 to 6 P. M., 8 to 9 P. M.
—	33.50	8950	WEL	Rocky Point, N. Y.	Contacts LSX and KFZ
—	35.80	8380	IAC	Coltano, Italy	Phone
—	37.33	8035	CNR	Rabat, Morocco, Afr.	3 to 4 P. M. Sundays
—	37.65	7979	HSP	Bangkok, Siam	Phone irregularly
—	38.47	7800	HBP	Prangins, Switzerland	5:30 to 6:15 P. M. Saturdays
—	39.34	7625	RIM	Tachkent, U. S. S. R.	Phone
—	40.55	7400	HJ3ABD	Bogota, Colombia	Wednesday and Saturday 6 to 11 P. M.
—	41.80	7180	CR6AA	Lobito, Angola, Afr.	2:30 to 4:30 P. M.
—	42.00	7140	HJ4ABB	Manizales, Colombia	Tues., Fri., 8 to 10 P. M., Sunday 3 to 5 P. M.
—	42.25	7100	HKE	Bogota, Colombia	Mon., Thurs. 6 P. M., Tues., Sat. 8 to 9 P. M.
—	42.83	7005	VK3ZX	Victoria, Australia	12:30 to 2 A. M. Sundays
—	43.17	6950	YNLF	Managua, Nicaragua	8 to 9 P. M.
—	44.03	6810	HIH	San Pedro, D. R.	Thu., Su., 3:40 to 5:40 P. M., 8 to 10:10 P. M.
—	44.44	6750	JVT	Nazaki, Japan	4 to 7:40 A. M. Sometimes to 8 A. M.

— 44.71	6710	TIEP	San Jose, Costa Rica	7 to 10 P. M., except Sunday
— 45.00	6660	HC2RL	Guayaquil, Ecuador	Sun. 5:45 to 8 P. M., Tues., Fri. 9:15 to 11:15 P. M.
— 45.31	6620	PRADO	Riobamba, Ecuador	Thursday 9 to 11:30 P. M.
— 45.38	6610	REN	Moscow, U. S. S. R.	4 to 5 P. M. Mon., Wed., Fri., Sat.
— 46.23	6490	HJ5ABD	Cali, Colombia	7 to 10 P. M., except Sunday
— 46.25	6480	H14D	Santo Domingo, D. R.	Mon. and Sat. 4:40 to 7:40 P. M.
— 46.60	6440	HJ1ABB	Barranquilla, Colombia	6 to 10 P. M.
— 47.00	6380	YV4RC	Caracas, Venezuela	4:30 to 10 P. M.
— 47.50	6310	H1Z	Santo Domingo, D. R.	11 P. M. to 12:30 A. M.
— 47.80	6280	H11A	Santo Domingo, D. R.	7:40 to 9:40 P. M., except Sunday
— 48.39	6200	HJ3ABF	Bogota, Colombia	7 to 11 P. M. Wed. and Sat. 6 to 7 P. M.
— 48.50	6185	TGW	Guatemala, Guatemala	On the air shortly
— 48.70	6160	2RO	Rome, Italy	Mon., Wed., Fri., 6 to 8 P. M.
— 48.78	6150	HJ2ABA	Tunja, Colombia	Tues., Thurs., Sat., 6 to 9 P. M.
— 48.78	6150	YV3RC	Caracas, Venezuela	4:30 to 10 P. M.
— 48.83	6144	CJRO	Winnipeg, Manitoba	8 to 12 P. M.
— 48.86	6140	W8XK	Pittsburgh, Pa.	4:30 P. M. to 1:00 A. M.
— 48.90	6130	ZGE	Kuala Lumpur, F. M. S.	Sun., Tues., Fri., 6:40 A. M. to 8:40 A. M.
— 49.00	6122	ZTJ	Joahannesburg, S. Africa	10:30 P. M. to 12:30 A. M., 3:30 to 7 A. M.
— 49.02	6120	YDA	Bandoeng, Java	5:30 to 10 A. M., Friday to 10:30 A. M.
— 49.02	6120	W2XE	Wayne, N. J.	6 to 11 P. M.
— 49.08	6112	YV2RC	Caracas, Venezuela	Daily 10:30 A. M. to 1 P. M., 5:15 to 9:30 P. M.
— 49.18	6100	HJ1ABE	Cartagena, Colombia	Wednesday 8 to 10 P. M.
— 49.10	6109	VUC	Calcutta, India	Mon. 10 to 11 P. M., Sat. 12:45 to 4 P. M.
— 49.18	6100	HJ1ABD	Cartagena, Col.	7 to 9 P. M.
— 49.18	6100	W3XAL	Bound Brook, N. J.	Mon., Wed., Sat., 4:30 P. M. to 1 A. M.
— 49.18	6100	49XF	Chicago, Ill.	4:30 P. M. to 2 A. M. Tues., Thurs., Fri.
— 49.22	6095	VE9GW	Bowmanville, Ont., Can.	Mon., Tues., Wed., 3 to 12 P. M., Thurs., Fri., Sat. 7 A. M. to Noon.
— 49.30	6085	CP5	La Paz, Bolivia	7:45 to 9:15 P. M.
— 49.34	6080	VE9HX	Halifax, N. S., Can.	Sat., Sun., 5 to 11 P. M., Daily 4 to 11 P. M.
— 49.34	6080	OXY	Skamleback, Denmark	1 P. M. on
— 49.34	6080	W9XAA	Chicago, Ill.	3 P. M. to 1 A. M.
— 49.34	6080	HJN	Bogota, Colombia	6 to 11 P. M., except Sunday
— 49.41	6070	OER2	Vienna, Austria	9 A. M. to 5 P. M.
— 49.50	6060	W8XAL	Cincinnati, Ohio	5 A. M. to 8 P. M., 11 P. M. to 1 A. M.
— 49.50	6060	W3XAU	Philadelphia, Pa.	8 to 11 P. M.
— 49.50	6060	VQ7LO	Nairobi, Kenya, Africa	11 A. M. to 2 P. M., Mon., Wed., Fri., 5:45 to 6:15 A. M.
— 49.50	6060	HJ3ABH	Bogota, Colombia	Wed., Sat., 6 to 7 P. M., Sun. 4 to 8 P. M.
— 49.59	6050	GSA	Daventry, England	10:45 A. M. to 12:45 P. M., 4:30 to 8 P. M.
— 49.65	6040	HJ1ABC	Barranquilla, Col.	6:30 to 10 P. M., except Sunday
— 49.67	6040	W1XAL	Boston, Mass.	5:45 to 7:15 P. M., Sun. 7:30 to 9:30 P. M.
— 49.83	6060	DJC	Zeesen, Germany	Noon to 4:30 P. M., 5:30 to 10:45 P. M.
— 49.83	6020	CQN	Macao, Macao	7 to 9 A. M., Mon. Wed., Fri.
— 49.90	6010	COC	Havana, Cuba	4 to 6 P. M., 8 to 10 P. M.
— 49.92	6010	ZHI	Singapore, S. S.	Mon. Wed., Thurs., 5:40 to 8:10 P. M.
— 49.96	6005	VE9DR	Montreal, Canada	7:30 to 12 P. M., Sun. 12 to 11:15 P. M.
— 50.00	6000		Salisbury, Rhodesia	Tuesday 1:15 to 3:15 P. M.
— 50.00	6000	XEBT	Mexico, D. F.	All evening
— 50.00	6000	RV59	Moscow, U. S. S. R.	2 to 6 P. M.
— 50.16	5980	HIX	Santo Domingo, D. R.	Tues., Fri., 8:10 to 10:10 P. M.
— 50.59	5930	HJ4ABE	Medellin, Colombia	Mon., Wed., Fri., 7:15 to 11; Tues., Sat. 6:30 to 10 P. M.
— 50.85	5900	HJ2ABC	Cuenta, Colombia	6 to 9 P. M.
— 50.93	5890	JIC	Taikohu, Japan	Irregularly
— 51.82	5850	YV5RMO	Maracaibo, Venezuela	5:15 to 9:30 P. M.
— 51.80	5790	TX	San Jose, Costa Rica	9 to 11 P. M., irregularly
— 51.90	5780	OAX4D	Lima, Peru	Wed., Sat., 9 to 11:30 P. M.
— 52.91	5660	XQAJ	Shanghai, China	5 to 8 A. M.
— 52.95	5610	CFU	Rosslund, B. C.	Evenings
— 55.50	5407	HJA7	Bogota, Colombia	11:30 P. M.
— 58.82	5100	HJ5ABC	Cali, Colombia	Tues., Fri., 8 to 10 P. M., Sun. 12 to 1 P. M.
— 64.50	4650	HC2EP	Guayaquil, Ecuador	Wed., Sat., 9 to 11 P. M.
— 66.43	4513	ZFS	Nassau, Bahamas	Phone
— 70.65	4243	RV15	Kharbarovsk, Siberia	2 to 8 A. M.

NNRC Ham Notes

W2EQS only needs a couple of r.f. chokes and a Collins net to put his new 60 watt crystal-controlled rig on the air, but as Charlie stated at a recent meeting, YL trouble has held him up a lot and by all indications it isn't over yet. Pictures of the cause are much in evidence in the shack and are threatening to outnumber Charlie's QSL cards. We hope for an early recovery. Hi!

W1IFH, West Hartford, Conn., reports working W2HCW in Brooklyn one Sunday morning on 160 meter fone and then meeting the ham accidentally that afternoon a few miles from West Hartford. And by the way, Sid has over fifty QSOs to his credit since he got his ticket. Very fb OB and lots of good luck to you.

After leaving 5 meter fone (by request of the I.P.D.) W2FXE has been heard pounding brass on 40 in the early evenings and likes to chew the rag with hams who have a nice sounding rig and a good fist. Bill gyrates from fone to CW and back again and has worked every ham band down to and including 5 meters.

If one can imagine an operating shack with interior decoration one can understand why W2FHC has been QRT recently. Yes, the painters have moved Howard's m.o.p.a. around some. We hope they take that jinx out of the receiving equipment so that 2FHC can copy 2HRN. Hi!

Even though W2CEJ conducts code classes he always finds time to pound brass and has a large number of fb QSOs to his credit. Equipped to work all bands with either low or medium power, Bill's clean-cut Xtal CW is heard now and then with plenty of sock behind it, and the old timer is always ready to pass on to brother hams the results of his varied experiences in the game.

Clement Van Velsor, or "Hifrequency" as he is otherwise called is known to the F.C.C. as W2HXX and hails from Irvington, N. J. Clem has succeeded in getting his 59 tri-tet oscillator to perk on 160 meter fone and already has a number of fb QSOs including some with 2FXE. 2HXX also keeps his fist in shape at the R.C.A. Institute.

Among the amateurs one hears a lot of controversy about low vs. high power giving the impression that those hams having low powered rigs might as well

QRX when the bands are busy. This is far from being the case and the following incidents from my log will briefly show what can be done with low power. On November 14 I worked W4DCW, Winston-Salem, N. C., who had only 8 watts input and was able to report him RST 439. The QSO lasted half an hour when my sigs went OSB. December 18 X1BY near Vera Cruz, Mex., was contacted. His exact input power is now unknown but I copied him 100 per cent through the zero beat of high powered ORM! The QSO lasted 50 minutes. W2HSJ, New York City, was worked recently having only 2 watts input and I reported him RST 429. And finally, W4BLP, Palatka, Fla., was QSOd December 17, lasting nearly half an hour with 4BLP reporting 12 watts input. I gave him an RST 338 report. Well, you boys with flea power, wat sa?

—W2HRN

Interesting Radio Calls

KBPS—Benson Polytechnic School
WMBC—Michigan Broadcasting Co.
KECA—Earl C. Anthony
WACO—Waco (Texas)
KTBS—Tri-State Broadcasting System
KABC—Alamo Broadcasting Co.
WBCM—Bay City, Michigan
W1XES—Experimental Broadcasting Sta.
WBPC—Brooklyn Broadcasting Corp.
WBOW—Banks of Wabash
WTRC—Truth Radio Corp.
WOW—Woodmen of World
KUOA—University of Arkansas
WFAB—Fifth Avenue Broadcasting
WSBT—South Bend Tribune
CRCT—Canadian Radio Com., Toronto
CRCM—Canadian Radio Com., Montreal
CRCO—Canadian Radio Com., Ottawa
CRCV—Canadian Radio Com., Vancouver
WLS—World's Largest Store
WCSH—Congress Square Hotel
KMBC—Midland Broadcasting Co.
KFBI—Farmers-Bankers Insurance
KTSA—Kum to San Antonio.

OFFICIAL NNRC LETTERHEAD AND VERIFICATION FORMS

Write for free samples to

PETER J. McKENNA

111 STUYVESANT AVE., NEWARK, N. J.

NNRC MEMBER

With the Air Raiders

With 502 verifications, sixty-five of them in the 2,000 mile category, Lloyd French, (The Bee) 328 North Main St., West Hartford, Conn., is now eligible to become a super ace of The Newark News Radio Club. Since October Lloyd has added WMEX, KLPB, WRVA, KOMA, KSTP, WJTL, WDAY, WMAL, KLZ, VOGY, KGER, KTM, KFKA, WBRB, WRDO, WIXBS, YVIRC, XEPN, WMAQ, WLS, WHFC, KPAC, VE9EK, KGDY, CJLS, KOB, KPRC, TGW, WBOQ, WBNX, WPAX, W9XBY, WJBO, WNEL, WOL, WHJB, KFRU, XEMO, KSO, KFGQ, W6XAI, WHAM, KRKD, KJBS, CMQ, WIND, WMBI, CKAC, WFLA, KMJ, WHK, WRAX, WDNC, KGIW, KTSM, WBIG, KGKL, KFPM, WDBO, KFYO, WKBZ, WJIM, WLIT, CJCB, WICC, WSPD, WFAM, CRCK, WATR and Copenhagen, Denmark. Reports are out to Berlin, Cologne, Munich, Bordeaux, Toulouse, Trieste, Turin, Rennes, CX26, XEFZ, XEWZ and XEAF.

Reporting verifications from Turin and Trieste, both in Italy, Phil Nichols, P. O. Box 82, East Hartford, Conn., advises that CMBX'S correct address is Calle San Miguel, 194, Havana, Cuba.

Bill Bauer, one of the Baltimore NNRC Boosters, who with a party of ten others in that city, journeyed down to Wilmington, Del., the morning of January 20 to participate in WDEL'S broadcast for the club, writes he heard CMCU on about 1260 kcs., announce a Newark News Radio Club program for February 3, beginning at 3 A. M. EST. Bill says January 26 was a great DX day. He heard IITR, Trieste, and IMI, Milan, both in Italy; Radio Normandie, Poste Parisien and Rennes, all in France; Frankfurt, Germany; KGIW, W6XAI, KFGQ, WIBU and WHEB. He is puzzled as to the identity of a Spanish speaking station on 1060 kcs. Can someone help him with this one?

Listening Posts

The appointment of Nancy Lee Saxton, 317 North Sergeant Street, Joplin, Mo., as NNRC listening post No. 17, and Lionel St. Onge, Southbridge, Mass. No. 18, is announced by Frank Scott, chairman of the club's DX qualifications committee. Lionel lists XFX, 610 kcs., KABN, testing on 1420; CKWX, KRE and CJCB at 5:30 P. M., as his latest catches. He also says that CMX on about 875 kcs., has been logged during

the early evening and that the South American short wavers have been consistently good.

To Nicholas J. Hock, 35 Burnet St., Newark, N. J., goes the honor of being the first dial twister to report a verification from WFIL, Philadelphia. Says Nick: "Harry McPoyle of West Philadelphia, wants to know about W3XK. I received that station in November, 1931, but have not heard them since. I have their veri which addresses the DXer as 'Fellow Looker-In'. KIDW announce they test frequently during the early morning; heard KLZ broadcast an interesting program the morning of January 19 about DX reception".

In his initial report of the season, Bernard J. Murray, Jr., 1045 West Ninth Street, Erie, Pa., says that so far DX reception has been spotty. Nevertheless, Bernard has added fifty-four new ones and needs but fifty-two more to reach his goal of 600 active stations. His best catches this year are CFCT, KGU, CKOV, KWJJ, KFVB, KVI, KWSC, TGW, XETH, KGGM and XEE. He is awaiting a veri from CX26. Bernard would like to hear from other dialers using a model K-80, G. E. receiver.

Personals

A few personals about well-known DXers from Ray E. Everly, 102 West Washington Street, Newton, Ill.: John Clarke, 387 Fourteenth Street, Buffalo, is the proud daddy of an NNRC daughter—Elizabeth Ann; Carroll H. Weyrich, 4310 Evans Chapel Road, Baltimore, is having real good luck with trans-Atlantic reception; Ray Law's, Toledo, O., has boosted his log total up to 910. Ray also mentions that he was elected a director of the First National Bank of Newton last month and that with a log of 859 BC stations he needs only twenty-two more in the U. S. While on the subject of personals, it might not be amiss to congratulate Mr. and Mrs. William Vornkahl, Westport, Conn. A young DXer, G. Robert, arrived in that household a few weeks ago.

"It has been some time since I have written to headquarters but I am still actively engaged in the pursuit of elusive DX stations", admits Carl H. Skatzes, 45 Flax Street, Delaware, O. "New ones are KOTN, WIXBS, CHSJ, WAGF, WG-

(continued on page 43)

The Month's Specials

(TIME IS EASTERN STANDARD)

Saturday, February 2:

WGFS, 1360 kes., Chicago, 1:15 to 2 A. M.
 WJBC, 1200 kes., Bloomington, Ill., 3 to 3:20 A. M.
 WLAP, 1420 kes., Lexington, Ky., 4:40 to 5 A. M.
 KDLR, 1210 kes., Devils Lake, N. D., 4:30 to 4:50 A. M.

Sunday, February 3:

CTIGL, 1031 kes., Parede, Portugal, 1 to 2 A. M.
 WRC, 950 kes., Washington, D. C., 1:40 to 3 A. M. or later
 CHAB, 1200 kes., Moose Jaw, Sask., 2 to 4 A. M.
 KIDW, 1420 kes., Lamar, Colo., 3 A. M., on
 WAAF, 920 kes., Chicago, 4 to 5 A. M.
 CKGB, 1420 kes., Timmins, Ont., 4 to 5:30 A. M.

Monday, February 4:

WHDL, 1420 kes., Olean, N. Y., 2:50 to 3:10 A. M.
 KUJ, 1370 kes., Walla Walla, Wash., 3:45 to 4 and 5:30 to 5:50 A. M.
 WBAX, 1210 kes., Wilkes-Barre, Pa., 3:50 to 4:10 A. M.
 WAAT, 940 kes., Jersey City, N. J., 4:50 to 5:10 A. M.

Tuesday, February 5:

XEE, 1210 kes., Durango, Mexico, 3 to 4 A. M.
 WHBU, 1210 kes., Anderson, Ind., 4:30 to 5:30 A. M.

Wednesday, February 6:

WEBC, 1290 kes., Superior, Wis., 1 to 1:30 A. M.
 —, 913 kes., Toulouse, France, 2 to 3:30 A. M.
 WFBG, 1310 kes., Altoona, Pa., 2:40 to 3 A. M.
 WOOD-WASH, 1270 kes., Grand Rapids, Mich., 6 to 6:30 A. M.

Thursday, February 7:

WSGN, 1310 kes., Birmingham, Ala., 2:30 A. M. on.
 WKAQ, 1240 kes., San Juan, Puerto Rico, 3:10 to 3:30 A. M.
 WSBC, 1210 kes., Chicago, 3:30 to 4 A. M.
 KFFM, 1310 kes., Greenville, Tex., 3:40 to 4 A. M.
 KONO, 1370 kes., San Antonio, Tex., 4:10 to 4:40 A. M.
 WHBU, 1210 kes., Anderson, Ind., 5:20 to 5:40 A. M.
 WIBM, 1370 kes., Jackson, Mich., 5:30 to 5:50 A. M.

Friday, February 8:

WJTL, 1370 kes., Atlanta, Ga., 1 to 4 A. M.
 WGBI, 880 kes., Scranton, Pa., 2 to 5 A. M.

Saturday, February 9:

CMCW, 540 kes., Havana, 1 to 2 A. M.
 CFCN, 1030 kes., Calgary, Alta., 2 to 3 A. M.
 CKY, 780 kes., Winnipeg, Man., 2:30 to 3:30 A. M.
 CJOR, 600 kes., Vancouver, B. C., 3 to 4 A. M.
 CKCK, 1010 kes., Regina, Sask., 3 to 4 A. M.
 CJCA, 730 kes., Edmonton, Alta., 3 to 4 A. M.
 CFRN, 1260 kes., Edmonton, Alta., 3:30 to 4:30 A. M.
 CRCV, 1100 kes., Vancouver, B. C., 3:30 to 4:30 A. M.
 CHWC, 1010 kes., Regina, Sask., 3:30 to 4:30 A. M.
 CJRM, 540 kes., Moose Jaw, Sask., 4:30 to 5:30 A. M.
 CKMO, 1410 kes., Vancouver, B. C., 5 to 6 A. M.

CHWK, 780 kes., Chilliwack, B. C., 5:30 to 6:30 A. M.
 CKCD, 1010 kes., Vancouver, B. C., 5:30 to 6:30 A. M.

Sunday, February 10:

KMAC, 1370 kes., San Antonio, Tex., 2 to 7 A. M.
 CKUA, 580 kes., Edmonton, Alta., 3 to 4 A. M.
 KFXM, 1210 kes., San Bernardino, Cal., 3 to 4 A. M.
 KKKL, 1370 kes., San Angelo, Tex., 3 to 4 A. M.
 WIXBS, 1530 kes., Waterbury, Conn., 3:30 to 5 A. M.
 WJZ, 760 kes., New York City, 4 to 5 A. M.
 CKFC, 1410 kes., Vancouver, B. C., 4 to 5 A. M.

Tuesday, February 12:

LR5, 830 kes., Buenos Aires, Arg., 2:05 to 3:05 A. M.
 CKBI, 1210 kes., Prince Albert, Sask., 3 to 4:30 A. M.
 WHBU, 1210 kes., Anderson, Ind., 4:30 to 5:30 A. M.

Wednesday, February 13:

CMHK, 1225 kes., Cruces, Cuba, 1 to 2 A. M.
 CMOX, 1325 kes., Havana, 1 to 5 A. M.
 WHBQ, 1370 kes., Memphis, Tenn., 2:30 to 3:30 A. M.

Thursday, February 14:

WRUF, 830 kes., Gainesville, Fla., 2:05 A. M. on.

Saturday, February 16:

WHBQ, 1370 kes., Memphis, Tenn., 2:30 to 3:30 A. M.

Sunday, February 17:

CJAT, 910 kes., Trail, B. C., 2 to 4 A. M.
 CHRC, 580 kes., Quebec, Que., 4 to 5 A. M.
 WEEU, 830 kes., Reading, Pa., 3 to 5 A. M.

Monday, February 18:

WTEL, 1310 kes., Philadelphia, 3:30 to 7 A. M.
 WHBU, 1210 kes., Anderson, Ind., 4 to 5 A. M.

Wednesday, February 20:

WOOD-WASH, 1270 kes., Grand Rapids, Mich., 6 to 6:30 A. M.

Friday, February 22:

CKMO, 1410 kes., Vancouver, B. C., 2:30 to 3:30 A. M.

Saturday, February 23:

WBIG, 1440 kes., Greensboro, N. C., 2 to 3 A. M.

WHDL, 1420 kes., Olean, N. Y., 6 to 7 A. M.

Sunday, February 24:

WBRB, 1210 kes., Red Bank, N. J., 1 to 5 A. M.

WKY, 900 kes., Oklahoma City, 1:30 to 3 A. M.

10AK, 1200 kes., Stratford, Ont., 3:30 to 4:30 A. M.

XEFO, 940 kes., Mexico City, 2 to 3 A. M. or 3 to 4 A. M.

Tuesday, February 26:

WHBU, 1210 kes., Anderson, Ind., 5 to 6 A. M.

Wednesday, February 27:

WFBG, 1370 kes., Altoona, Pa., 4:30 to 4:45 A. M.

NOTE: KGIW, 1420 kes., Alamosa, Colo., every morning except Sunday and Monday, from 2 to 3. WGFS, 1360 kes., Chicago, every Thursday and Saturday morning from 1:15 to 2.

SW CHATTER

THEY SAY THAT....JVM. Nazaki. Ibaraki-Pen, Japan, 10740 kcs., 27.93 meters, can be heard daily from 4:30 to 8 P. M., as can JVN, 10660 kcs., 28.04 meters; both relay programs of the Japanese BC station, JOAK, Tokyo....that JVF, 15620 kcs., 19.20 meters, converses with KWU, Dixon, Cal., during evening hours....that NIROM (YDA) 6120 kcs., 49.02 meters, Bandoeng, Java, transmits from 7 to 10 A. M., EST, daily; Fridays to 11 A. M., and Saturdays to 11:30 A. M.; few announcements are in English but this station signs off with the familiar "Good Night" used as a concluding selection by so many BC stations in this country; English phonograph recordings are broadcast between 9:30 and 10 A. M., Fridays, and Chinese music from 10 to 11 A. M., the same day; power, 1,500 watts....that the new station in Pernambuco, Brazil, PRA8, 6030 kcs., 49.75 meters, is on from 4 to 6 P. M., EST, daily, a bugle call identifies it....that PRF5, 9505 kcs., 31.56 meters, Rio de Janeiro, can be heard with excellent signal between 5:30 and 6 P. M., EST....that the Indo-American chain, composed of YV4RC, 6400 kcs., YV5RMO, 5860 kcs., HJ3ABD, 7400 kcs., HJ1ABB, 6450 kcs. and YNLF, 6800 kcs., transmits a very interesting program every Thursday afternoon at 4:30, EST....that YV2RCM, 6110 kcs., 49.08 meters, is also affiliated with this chain?

W1XBS, the high fidelity station, Waterbury, Conn., assigned to 1530 kilocycles with 1,000 watts, through their chief engineer, S. E. Warner, announce a series of special test programs as follows: February 10, 4 to 5:30 A. M.; February 28, 4:30 to 6 A. M.; March 16, 3:30 to 5 A. M., and March 25, 3:30 to 5 A. M. Time is Eastern standard.

With The Air Raiders

(continued from page 41)

PC, KTRB, WTCN, XEAF, XEG, CJKL, XEAM, WALA, CKUA, WJIM, WSYU, WABY, KGVO, KGY, KWYO, CKBI, W9XBY, W6XAI, XEWZ, CM-OX, WKEU, COK, XEK, COA, CX26, XEFZ and WNEL. At December 31, 1934, stations logged totaled 873 with 39 additional special calls and BC verifications number 732. Started the New Year January 1, with another addition, CMBX."

WKAQ SPECIALS

WKAQ, 1240 kilocycles, San Juan, Puerto Rico, noted for its excellent programs and for its efforts to further the cause of the DXer, will broadcast a special dedicatory program for The Newark News Radio Club the morning of February 24 from 2 to 5, EST, at which time it is the hope of Manager J. Agusty his station will cover all sections of the United States and Canada without interference. To that end, the club's courtesy programs committeeman assigned to WKAQ's frequency, Carroll H. Weyrich, 4310 Evans Chapel Road, Baltimore, is contacting other stations on 1240 requesting they remain silent during this three-hour period.

Mr. Agusty further announces that his station will be on the air the 28th day of each month from 4 to 5 A.M., EST, with a special frequency test program for its owners, the Mackay Radio and Telegraph Co., New York City. These tests as well as WKAQ's monthly frequency checks for the government, will also be dedicated to The Newark News Radio Club.

OVER THERE

(continued from page 1)

HOLLAND—The correct pronunciation of HUIZEN is given as "Housen".

GERMANY—By means of portable recording equipment, the German broadcasting authorities are able to make first-hand reports on items of news value. A car carrying the equipment rushes to the scene and a record is made on the spot. The record is later broadcast as a news bulletin.

FRANCE—No fewer than 30,000 municipalities have decided to equip their schools with radio receivers. France is to have a number of new transmitters using from 60 to 100 KW, operating under the chain system, with programs conducted by a national board, headed by a director of broadcasting. These stations will be designated and located as follows: Region de l'Ouest, Rennes; Region de Centre, Limoges; Region de Bordeaux, Bordeaux; Region de Toulouse, Toulouse; Region de Marseilles, Marseilles and Montpellier; Region de Monaco, Nice; Region de Alpes, Grenoble; Region de Lyons, Lyons; Region de l'Est, Strasbourg. Listeners in this country are urged to be on the lookout for these super-power stations.

There is little prospect for any 500 KW stations in Europe as power is limited to 200 KW under the Lucerne Plan.

Columbia Outlets

<u>Station</u>	<u>Location</u>	<u>Kcs.</u>
CFRB—Toronto, Ont.		690
CKAC—Montreal, Que.		730
CKLW—Windsor-Detroit		1030
KFAB—Lincoln, Neb.		770
KFH—Wichita, Kansas		1300
KFPY—Spokane, Wash.		890
KFRG—San Francisco, Cal.		610
KFZ—Little America		3000
KGB—San Diego, Calif.		1330
KGKO—Wichita, Falls, Texas		570
KHJ—Los Angeles, Calif.		900
KLRA—Little Rock, Ark.		1390
KLZ—Denver, Colo.		560
KMBC—Kansas City, Mo.		950
KMOX—St. Louis, Mo.		1090
KOH—Reno, Nevada		1380
KOIN—Portland, Ore.		940
KOL—Seattle, Washington		1270
KOMA—Okla. City, Okla.		1480
KRLD—Dallas, Texas		1040
KSCJ—Sioux City, Iowa		1330
KSL—Salt Lake City		1130
KTRH—Houston, Texas		1290
KTSA—San Antonio, Texas		550
KTUL—Tulsa, Okla.		1400
KVI—Tacoma, Wash.		570
KVOR—Colorado Springs, Colo.		1270
KWKH—Shreveport, La.		1100
WAAB—Boston, Mass.		1410
WABC—New York City		860
WACO—Waco, Texas		1420
WADC—Akron, Ohio		1320
WALA—Mobile, Ala.		1380
WBBM—Chicago, Ill.		770
WBIG—Greensboro, N. C.		1440
WBNS—Columbus, Ohio		1430
WBRC—Birmingham, Ala.		930
WBT—Charlotte, N. C.		1080
WCAO—Baltimore, Md.		600
WCAU—Philadelphia, Pa.		1170
WCCO—Minneapolis, Minn.		810
WCOA—Pensacola, Fla.		1340
WDAE—Tampa, Florida		1220
WDBJ—Roanoke, Va.		930
WDOO—Orlando, Fla.		580
WDNC—Durham, N. C.		1370
WDOD—Chattanooga, Tenn.		1280
WDRG—Hartford, Conn.		1330
WDSU—New Orleans, La.		1250
WEAN—Providence, R. I.		780
WFBL—Syracuse, N. Y.		1360
WFBN—Indianapolis, Ind.		1230
WFEA—Manchester, N. H.		1450
WGL—Fort Wayne, Ind.		1370
WGR—Buffalo, N. Y.		550
WGST—Atlanta, Ga.		890
WHAS—Louisville, Ky.		820
WHIC—Rochester, N. Y.		1430
WHK—Cleveland, Ohio		1390
WHP—Harrisburg, Pa.		1430
WIBW—topeka, Kansas		580
WIBX—Utica, N. Y.		1200
WICC—Bridgeport, Conn.		600
WISN—Milwaukee, Wis.		1220
WJAS—Pittsburgh, Pa.		1290
WJSV—Washington, D. C.		1460
WKBN—Youngstown, Ohio		570
WKBW—Buffalo, N. Y.		1480
WKRC—Cincinnati, Ohio		550
WLAC—Nashville, Tenn.		1470
WLBW—Erie, Pa.		1260
WLBZ—Bangor, Maine		620
WMAS—Springfield, Mass.		1420
WMBD—Peoria, Ill.		1440
WMBG—Richmond, Va.		1210
WMBR—Jacksonville, Fla.		1370
WMT—Waterloo, Iowa		600
WNAC—Boston, Mass.		1230
WNAX—Yankton, S. D.		570
WNBZ—Binghamton, N. Y.		1500
WNOX—Knoxville, Tenn.		560
WOC—Davenport, Ia.		1370
WOKO—Albany, N. Y.		1430
WORC—Worcester, Mass.		1280
WOVO—Fort Wayne, Ind.		1160
WPG—Atlantic City, N. J.		1100
WQAM—Miami, Florida		560
WREC—Memphis, Tenn.		600
WSBT—South Bend, Ind.		1360
WSFA—Montgomery, Ala.		1410
WSMK—Dayton, O.		1380
WSPD—Toledo, Ohio		1340
WSJS—Winston-Salem, N. C.		1310
WTOT—Savannah, Ga.		1260
WWVA—Wheeling, W. Va.		1160

ABC STATIONS

(American Broadcasting Co.)

<u>Station</u>	<u>Location</u>	<u>Kcs.</u>
WIND—Gary, Ind.		560
WIP—Philadelphia, Pa.		610
WJAY—Cleveland, O.		610
WPRO—Providence, R. I.		630
WHDH—Boston, Mass.		830
KARK—Little Rock, Ark.		890
WDEL—Wilmington, Del.		1120
WJJJ—Chicago, Ill.		1130
WWVA—Wheeling, W. Va.		1160
WFBE—Cincinnati, O.		1200
WIL—St. Louis, Mo.		1200
WCOL—Columbus, O.		1210
WJW—Akron, O.		1210
WHBF—Rock Island, Ill.		1210
WNEW—Newark, N. J.		1250
WTNJ—Trenton, N. J.		1280
WEBR—Buffalo, N. Y.		1310
WABY—Albany, N. Y.		1370
WCBM—Baltimore, Md.		1370
KQV—Pittsburgh, Pa.		1380
WAAB—Boston, Mass.,		1410
WAAB—Boston, Mass.		1410
WNBR—Memphis, Tenn.		1430
WJBK—Detroit, Mich.		1500
WMEX—Boston, Mass.		1500
WIXBS—Waterbury, Conn.		1530

NBC Chain Stations

Station	Location	Kcs.	Station	Location	Kcs.
CFCF—Montreal, Que.		600	WJAX—Jacksonville, Fla.		900
CRCT—Toronto, Ont.		840	WJDX—Jackson, Miss.		1270
KDKA—Pittsburgh, Pa.		980	WJR—Detroit, Mich.		750
KDYL—Salt Lake City		1290	WJZ—New York City		760
KEX—Portland, Ore.		1180	WKBF—Indianapolis, Ind.		1400
KFI—Los Angeles, Cal.		640	WKY—Okla. City, Okla.		900
KFSD—San Diego, Calif.		600	WLS—Chicago, Ill.		870
KFYR—Bismarck, N. D.		550	WLW—Cincinnati, Ohio		700
KGA—Spokane, Wash.		900	WMAL—Washington, D. C.		630
KGHL—Billings, Mont.		780	WMAQ—Chicago, Ill.		670
KGIR—Butte, Mont.		1360	WMC—Memphis, Tenn.		780
KGO—San Francisco		790	WOAI—San Antonio, Texas		1190
KGU—Honolulu, T. H.		750	WOW—Omaha, Neb.		590
KGW—Portland, Ore.		620	WPTF—Raleigh, N. C.		680
KHQ—Spokane, Wash.		590	WRC—Washington, D. C.		950
KJR—Seattle, Wash.		970	WREN—Kansas City, Mo.		1220
KOA—Denver, Colo.		830	WRVA—Richmond, Va.		1110
KOIL—Council Bluff, Iowa		1260	WSAI—Cincinnati, Ohio		1330
KOMO—Seattle, Wash.		920	WSB—Atlanta, Ga.		740
KPO—San Francisco		680	WSM—Nashville, Tenn.		650
KPRC—Houston, Texas		920	WSMB—New Orleans, La.		1320
KSD—St. Louis, Mo.		550	WSOC—Charlotte, N. C.		1210
KSO—Des Moines, Iowa		1320	WSUN—Clearwater, Fla.		620
KSTP—St. Paul, Minn.		1460	WSYR—Syracuse, N. Y.		570
KTAR—Phoenix, Ariz.		620	WTAG—Worcester, Mass.		580
KTBS—Shreveport, La.		1450	WTAM—Cleveland, Ohio		1070
KTBS—Hot Springs, Ark.		1060	WTAR—Norfolk, Va.		780
KVOO—Tulsa, Okla.		1140	WTIC—Hartford, Conn.		1040
KWCR—Des Moines, Iowa		1430	WTMJ—Milwaukee, Wis.		620
KWK—St. Louis, Mo.		1350	WWJ—Detroit, Mich.		920
KYA—San Francisco		1230	WWNC—Asheville, N. C.		570
KYW—Philadelphia, Pa.		1020			
WAPI—Birmingham, Ala.		1140			
WAVE—Louisville, Ky.		940			
WBAL—Baltimore, Md.		1060			
WBAP—Fort Worth, Texas		800			
WBEN—Buffalo, N. Y.		900			
WBZ—Boston, Mass.		990			
WBZA—Springfield, Mass.		990			
WCAE—Pittsburgh, Pa.		1220			
WCFL—Chicago, Ill.		970			
WCKY—Covington, Ky.		1490			
WCSH—Portland, Maine		940			
WDAF—Kansas City, Mo.		610			
WDAY—Fargo, N. Dak.		940			
WEAF—New York City		660			
WEBC—Superior, Wis.		1290			
WEEI—Boston, Mass.		590			
WENR—Chicago, Ill.		870			
WFAA—Dallas, Texas		800			
WFBR—Baltimore, Md.		1270			
WFIL—Philadelphia, Pa.		560			
WFLA—Clearwater, Fla.		620			
WGAR—Cleveland, Ohio		1450			
WGY—Schenectady, N. Y.		790			
WHAM—Rochester, N. Y.		1150			
WHIO—Dayton, O.		1260			
WHO—Des Moines, Iowa		1000			
WIBA—Madison, Wis.		1280			
WIOD—Miami Beach, Fla.		1300			
WIS—Columbia, S. C.		560			
WJAR—Providence, R. I.		890			

SBC CHAIN

(Southwest Broadcasting Co.)

Station	Location	Kcs.
KFDM—Beaumont, Texas		560
KGKO—Wichita Falls, Texas		570
KLRA—Little Rock, Ark.		1390
KNOW—Austin, Texas		1500
KOMA—Okla. City, Okla.		1480
KRLD—Dallas, Texas		1040
KTAT—Ft. Worth, Texas		1240
KTRH—Houston, Texas		1290
KTSA—San Antonio, Texas		550
KXYZ—Houston, Texas		1440
WACO—Waco, Texas		1420
WRR—Dallas, Texas		1280

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)

FINAL LR5 PROGRAM

The final broadcast of a series of four Newark News Radio Club dedications by Radio Excelsior LR5, Buenos Aires, Argentina, will occur Lincoln's Birthday, Tuesday morning, February 12, from 2.05 to 3:15 A. M., EST, and will feature the reading of an address written by Dale Carnegie, greatest living authority on Lincoln. At the present time Mr. Carnegie broadcasts twice weekly over NBC networks—the WEAF chain on Sundays at 1 P. M., EST, and over WJZ Tuesdays at 9 P. M., EST. It is rather exceptional in DXing for a man of such prominence to write an address to be broadcast over a station 5,300 miles distant and it is hoped that the appreciation of listeners will be manifested in a flood of letters to LR5.

The DXing fraternity is indebted to Owner A. B. Dougall of LR5 for this series of programs. They have made possible the addition of the Argentine station to thousands of logs. While the response has been excellent, the outstanding feature has been the coverage of LR5's signals. They have penetrated to every section of the northern hemisphere including the Arctic circle. The records show that no other station in the entire world has so consistently gotten out to such great distances.

In registering the appreciation of Newark News Radio Club officers and members to Mr. Dougall and LR5, we look forward with keen anticipation to our mutually pleasant relations next Fall when we hope to be able to announce another series of these enjoyable programs. In the meantime, we can assuredly say that Mr. Dougall and his fine station have endeared themselves to listeners in the United States and Canada.

KMAC, San Antonio, Tex., advise of a special DX program for the NNRC February 10 from 2 to 7 A.M., EST. This will be KMAC's first DX from their new studios on the 27th floor of the Smith-Young tower. Soliciting reports of reception and expressing the hope they will receive 200 or more letters, Chief Operator R. R. Hayes lets it be known that only correct reports, with postage enclosed, will be verified. He also asks listeners to include signal strength, modulation, etc.

A station so considerate of the wishes of the distance seeker certainly deserves every bit of co-operation possible.

UP IN THE AIR

The highest broadcast ever attempted will take place about February 15 when KGIW, 1420 kcs., Alamosa, Col., will transmit an all-night broadcast for The Newark News Radio Club from the summit of Mount Blanca, 14,464 feet above sea level. Mount Blanca is the highest point in Colorado and the second highest in the United States.

KGIW and the residents of San Luis Valley, the highest mountain valley in the U. S., are very proud of their mountaineers and the station has started a "builder upper club" called the Blanca Mountaineers, the object of which is to find out who has been whittling down their mountain or building up some others that are advertised as the highest.

A public subscription has been started to build a monument on top of Mount Blanca in an endeavor to establish it as the highest point in the United States. The first announcement over KGIW netted \$50.00 and in three days that sum has been raised to \$150.00. It is planned to build a shelter house with telephone, bunks, fireplace, emergency kits of medicines and rations and a permanent register for those who make the summit.

Each year the members of the Blanca Mountaineers will add a few feet to the monument. Plans call for six-foot walls with a base about twenty-five feet square containing a bronze tablet for the names of those who contribute.

Donald E. Bennett, manager of KGIW, says: "We are in the market for field glasses like those used on Bear Mountain highway, a bronze tablet, fireworks, and will accept contributions from anyone. Donors will be given radio publicity, in full measure, for every dollar contributed."

CP4, 1040 kcs., La Paz, Bolivia, in an air mail letter to Committeeman James J. Hart of the NNRC, advise they will transmit a special DX program for the club the morning of Sunday, March 17, from 2 to 3, EST.

A. H. Houde, manager of CRCK, Quebec, informs W. H. Applegate, Chicago, that he is very well satisfied with the results of their DX program of December 9, adding: "Thanks to you and the members of the Newark News Radio Club".

(E. S. T.)

- WLAC**, Nashville, Tenn., 1470 kcs., every Sunday at 12:50 A.M.
- WNEW**, Newark, N. J., 1250 kcs., every day at 4 A.M.
- WTFI**, 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 Sunday at 1 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.
- CFCO**, 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.

- CRCW**, 600 kcs., Windsor Ont., Canada, is scheduled to start broadcasting February 7, at 6:30 P.M.
- 1YA, 3YA and 4YA** have increased power to 10,000 watts. 1YA is in Auckland, 3YA in Christchurch, 4YA is in Dunedin—all New Zealand.
- CKCK**, 1010 kcs., Regina, Sask., Canada, will DX February 27th, from 4 to 5 A.M., EST.
- KFRO**, 1370 kcs., Longview, Texas, will DX February 28th, from 3 to 5 A.M., EST.
- Mystery station** on 985 kcs., will broadcast March 17th, from 4:13 to 5:47 A.M., EST.
- WFI and WLIT** are now combined under WFIL.

Within a very short time now, TGWA, the short wave station owned by the Republic of Guatemala, Guatemala City, Central America, will begin transmission on 5940 kilocycles. According to C.H.W. Nason, technician, TGWA will have a basic power of 200 watts but will operate into a directive antenna along the 90° 30' meridian—due North, its center passing through the west end of Lake Superior. With this antenna it is expected the station will have a spread of about 70° and the gain through its use will be about 5 to 1, the equivalent of a 1 KW transmitter as far as the United States is concerned.

Joseph Stokes, president, KDKA DX Club, Pittsburgh: "The Dialist is a valuable contribution to the heretofore limited field of magazines for the DXing fraternity. How you can pare costs and issue such a worthwhile book at the ridiculously low price of 10 cents is beyond my ken but you have succeeded in doing that. The inclusion of the frequently heard foreign stations in the station lists is an innovation. My felicitations to the editorial staff".

Henry T. Tyndall, Jr., 285 North Street, Burlington, Vt.: "The Dialist is a mighty fine piece of work and a credit to those who have labored on it. I hope subscriptions continue to pile in for it is worthy of the NNRC and should receive the best of support".

Robert N. Hoffman, 306 West School Lane, Germantown, Philadelphia: "I received my copy of The Dialist; it sure is FB and I'll send my subscription in shortly".

Fred M. Schmidt, 1064 Clifford Avenue, Rochester, N. Y.: "I like The Dialist very much, and hope it will continue to be a success".

Carl H. Skatzes, 45 Flax Street, Delaware, O.: "I think The Dialist is fine and am inclosing my subscription".

Jack Bomberg, 100 Morton Street, Newark.: "The Dialist is a great magazine as we are all finding out. I am positive that if it continues at its present rate it will before very long, be considered the DXer's bible".

Henry Whittaker, 1988 Plymouth Street, Philadelphia: "I am greatly pleased with third issue of The Dialist".

Mary W. Saunders, Homewood Apartments, North Charles Street, Baltimore, Md.: "Herewith is my subscription to the NNRC magazine, The Dialist. I think it is excellent".

Harold W. Robinson, 310 West Eighth Street, Lansdale, Pa.: "The Dialist is a mighty publication and my hat is off to its editors".

Hedley Simmonds, 23 Clyde Street, Hamilton, Ontario: "I am inclosing my subscription to The Dialist. It certainly is a fine magazine and the editor and his assistants are to be congratulated. May this splendid venture prosper!"

Police Radio Stations

CALL	LOCATION	KCS.	CALL	LOCATION	KCS.
CGZ	Vancouver, B. C.	2452	KGZP	Coffeyville, Kan.	2450
CJW	St. John, N. B.	2416	KGZQ	Waco, Tex.	1712
CJZ	Verdun, P. Q.	2452	KGZR	Salem, Ore.	2442
CZG	Prince Rupert, B. C.	2416	KGZT	Santa Cruz, Cal.	1674
KGHA	Washington (State)	2490	KGZU	Lincoln, Neb.	2490
KGHB	Washington (State)	2490	KGZV	Aberdeen, Wash.	2414
KGHC	Washington (State)	2490	KGZW	Lubbock, Tex.	2458
KGHD	Washington (State)	2490	KGZX	Albuquerque, N. Mex.	2414
KGHE	Snoqualmie Pass, Wash.	2490	KGZY	San Bernardino, Cal.	1712
KGHG	Las Vegas, Nevada	2474	KNFA	Clovis, N. Mex.	2414
KGHK	Palo Alto, Cal.	2470	KNFB	Idaho Falls, Ida.	2458
KGHM	Reno, Nevada	2474	KNFC	Washington (State)	2490
KGHN	Hutchinson, Kan.	2450	KNFD	Washington (State)	2490
KGHO	Des Moines, Ia.	1543	KNFE	Duluth, Minn.	2382
KGHP	Lawton, Okla.	2466	KNFF	Leavenworth, Kan.	2422
KGHQ	Chinook Pass, Wash.	2490	KNFH	Garden City, Kan.	2474
KGHR	Washington (State)	2490	KNFJ	Pomona, Cal.	1712
KGHS	Spokane, Wash.	2458	KSW	Berkeley, Cal.	1658
KGHT	Brownsville, Tex.	2382	KVP	Dallas, Tex.	1712
KGHU	Austin, Tex.	2382	UAM	Montreal, P. Q.	1706
KGHV	Corpus Christi, Tex.	2382	VYR	Montreal, P. Q.	1712
KGHW	Centralia, Wash.	2414	VYW	Winnipeg, Man.	2416
KGHX	Santa Ana, Cal.	2430	WBA	Harrisburg, Pa.	190
KGHY	Whittier, Cal.	1712	WBR	Butler, Pa.	190
KGHZ	Little Rock, Ark.	2406	WDX	Wyoming, Pa.	190
KGJX	Pasadena, Cal.	1712	WEY	Boston, Mass.	1630
KGOZ	Cedar Rapids, Ia.	2466	WJL	Greensburg, Pa.	190
KGPA	Seattle, Wash.	2414	WCK	Detroit, Mich.	2414
KGPB	Minneapolis, Minn.	2430	WKDT	Detroit, Mich.	1558
KGPC	St. Louis, Mo.	1712	WKDU	Cincinnati, O.	1706
KGPD	San Francisco, Cal.	2414	WKDW	Dallas, Tex.	1712
KGPE	Kansas City, Mo.	2422	WMB	W. Reading, Pa.	190
KGPF	Santa Fe, N. Mex.	2414	WMDZ	Indianapolis, Ind.	2442
KGPG	Vallejo, Cal.	2422	WMJ	Buffalo, N. Y.	2422
KGPH	Oklahoma City, Okla.	2450	WMO	Highland Park, Mich.	2414
KGPI	Omaha, Neb.	2466	WMP	Framingham, Mass.	1666
KGPI	Beaumont, Tex.	1712	WNFP	Niagara Falls, N. Y.	2422
KGPK	Sioux City, Ia.	2466	WPBG	Medford, Mass.	1712
KGPL	Los Angeles, Cal.	1712	WPDA	Tulare, Cal.	2414
KGPM	San Jose, Cal.	1674	WPDB	Chicago, Ill.	1712
KGPN	Davenport, Iowa	2466	WPDC	Chicago, Ill.	1712
KGPO	Tulsa, Okla.	2450	WPDD	Chicago, Ill.	1712
KGPP	Portland, Ore.	2442	WPDE	Louisville, Ken.	2442
KGPP	Honolulu, Hawaii	2450	WPDE	Flint, Mich.	2442
KGPR	Fort Worth, Tex.	1712	WPDG	Youngstown, O.	2458
KGPS	Bakersfield, Cal.	2414	WPDH	Richmond, Ind.	2442
KGPP	Salt Lake City, Utah	2406	WPDI	Columbus, O.	2430
KGPN	Denver, Col.	2442	WPDJ	Passaic, N. J.	2414
KGPP	Baton Rouge, La.	1567	WPDK	Milwaukee, Wis.	2450
KGPP	Wichita, Kan.	2450	WPDL	Lansing, Mich.	2442
KGZA	Fresno, Cal.	2414	WPDN	Dayton, O.	2430
KGZB	Houston, Tex.	1712	WPDN	Auburn, N. Y.	2458
KGZC	Topeka, Kan.	2422	WPDN	Akron, O.	2458
KGZD	San Diego, Cal.	2430	WPDN	Philadelphia, Pa.	2474
KGZE	Chanute, Tex.	2450	WPDR	Rochester, N. Y.	2422
KGZF	San Antonio, Tex.	2506	WPDS	St. Paul, Minn.	2430
KGZG	Des Moines, Ia.	2466	WPDT	Kokomo, Ind.	2490
KGZH	Klamath Falls, Ore.	2442	WPDU	Pittsburg, Pa.	1712
KGZI	Wichita, Falls, Tex.	2458	WPDV	Charlotte, N. C.	2458
KGZJ	Phoenix, Ariz.	2430	WPDW	Washington, D. C.	2422
KGZL	Shreveport, La.	1712	WPDY	Detroit, Mich.	2414
KGZM	El Paso, Tex.	2414	WPDY	Atlanta, Ga.	2414
KGZN	Tacoma, Wash.	2414	WPDZ	Ft. Wayne, Ind.	2490
KGZO	Santa Barbara, Cal.	2414	WPEA	Syracuse, N. Y.	2382

WPEB—Grand Rapids, Mich.	2442	WPGZ—Johnson City, Tenn.	2474
WPEC—Memphis, Tenn.	2466	WPHA—Fitchburg, Mass.	2466
WPED—Arlington, Mass.	1712	WPHB—Nashua, N. H.	2422
WPEE—Brooklyn, N. Y.	2450	WPHC—Massillon, O.	1596
WPEF—Bronx, N. Y.	2450	WPHD—Steubenville, O.	2458
WPEG—New York, N. Y.	2450	WPHE—Marion, Ind. (County)	1634
WPEH—Somerville, Mass.	1712	WPHE—Richmond, Va.	2450
WPEI—Providence, R. I.	1712	WPHG—Medford, Mass.	1712
WPEJ—Brookline, Mass.	1712	WPHI—Charleston, W. Va.	2490
WPEK—New Orleans, La.	2430	WPHJ—Fairmount, W. Va.	2490
WPEL—Middleboro, Mass.	1666	WPHK—Wilmington, O.	1596
WPEM—Woonsocket, R. I.	2466	WPSP—Harrisburg, Pa.	1674
WPEP—Kenosha, Wis.	2450	WRBH—Cleveland, O.	2458
WPEQ—Baton Rouge, La.	1570	WRDQ—Toledo, O.	2474
WPES—Saginaw, Mich.	2442	WRDR—Grosse Point, Mich.	2414
WPET—Lexington, Mass.	1712	WRDS—E. Lansing, Mich.	1642
WPEV—Massachusetts (State)	1666	WRDZ—Ft. Wayne, Ind.	2490
WPEW—Northampton, Mass.	1666	W2XEM—Newark, N. J.	30100
WPFA—Newton, Mass.	1712	W9XBU—Marion, Ind.	1634
WPFC—Muskegon, Mich.	2442	W8XA—(Portable) Ohio	1682
WPFD—Highland Park, Ill.	2430		
WPFE—Reading, Pa.	2442		
WPFF—Toms River, N. J.	2430		
WPFG—Jacksonville, Fla.	2442		
WPFH—Baltimore, Md.	2414		
WIFI—Columbus, Ga.	2414		
WIFI—Hammond, Ind.	1712		
WPFK—Hackensack, N. J.	2430		
WPEL—Gary, Ind.	2470		
WPFM—Birmingham, Ala.	2382		
WPFN—Fair Haven, Mass.	1712		
WFO—Knoxville, Tenn.	2474		
WFFT—Clarksburg, W. Va.	2490		
WPFQ—Swarthmore, Pa.	2474		
WFR—Johnson City, Tenn.	2470		
WFS—Asheville, N. C.	2458		
WFFT—Lakeland, Fla.	2442		
WPFU—Portland, Me.	2422		
WPFV—Pawtucket, R. I.	2466		
WPFW—Bridgeport, Conn.	2466		
WPFY—Palm Beach, Fla.	2442		
WPFY—Yonkers, N. Y.	2442		
WPFZ—Miami, Fla.	2442		
WPGA—Bay City, Mich.	2466		
WPGH—Port Huron, Mich.	2466		
WPGC—S. Schenectady, N. Y.	1658		
WPGD—Rockford, Ill.	2458		
WPGE—Shreveport, La.	2422		
WPGF—Providence, R. I.	1712		
WPGG—Findlay, O.	1596		
WPGH—Albany, N. Y.	2414		
WPGI—Portsmouth, O.	2430		
WPGJ—Utica, N. Y.	2414		
WPGK—Cranston, R. I.	2466		
WPGI—Binghamton, N. Y.	2442		
WPGM—LaGrange, Ga.	2414		
WPGN—South Bend, Ind.	2490		
WPGO—Huntington, N. Y.	2490		
WPGP—Muncie Ind.	2442		
WPGQ—Columbus, O.	1596		
WPGS—Mineola, N. Y.	2490		
WPGT—Newcastle, Pa.	2482		
WPGU—Cohasset, Mass.	1712		
WPGV—Boston, Mass.	1712		
WPGW—Mobile, Ala.	2382		
WPGX—Worcester, Mass.	2466		

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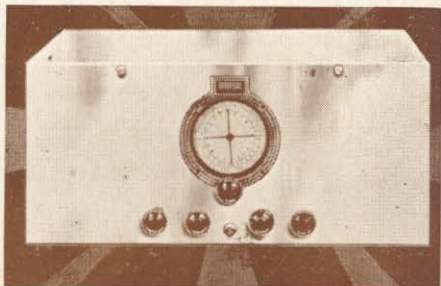
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