

RADIO IN DEX

The All-Wave Radio Log Authority

NSE

No. 144

JULY - AUGUST, 1941

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RADEX
Emerson, New Jersey



RADEX—Published bi-monthly by The Radex Publishing Co., Emerson, N. J. Subscription in the United States and Possessions and in Cuba and Mexico, \$1.25 per year; \$1.00 per year in Canada; all other countries, \$1.45 per year. Single copies, 25c; in Canada, 30c. Entered as second-class matter March 14, 1940 at the Post Office at Emerson, N. J., under the Act of March 3, 1879; additional entry as second-class matter at Paterson, N. J. Copyright 1941, by The Radex Publishing Co.

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RAD IO IN D EX

Reg. U. S. Patent Office



SEVENTEENTH YEAR

JULY 1, 1941

NO. 144

Page Taylor, *Editor*

B. Francis Dashiell, *Technical Editor*

Ray LaRocque, *Eastern Editor*

Melvin Fisher, *Western Editor*

Owen P. Callin, *Amateur Editor*

FM News and Notes

W47NV in Nashville was the first commercial FM station to start regular operation... W71NY is preparing an extensive "FM" program schedule and special studios are being used exclusively for "FM" programs... CBS has applied for a transmitter to serve Boston, atop Mt. Asnebumskit. If granted it will be the second transmitter atop this hill as W43B of the Yankee Network (formerly W1XOJ) is now using this site.

There have been 19 applications for FM stations to serve the New York area. Eight stations have been granted construction permits by the FCC, and 11 is the quota assigned for N. Y. C. by the FCC, so it looks as if the situation is getting a bit complex and some applicants will be out of luck. The FCC has yet to refuse a CP for an FM station.

A local merchant has signed to sponsor a quarter hour program for 52 weeks over W55M, the Milwaukee Journal station which will soon be using 50 kw. and will be the highest powered station—AM or FM, in the state.

Listeners interested in the low down

on FM may write to FMBI, 52 Vanderbilt Ave., New York, N. Y., for a copy of "A Profile of Frequency Modulation". Its yours for the asking.

The American Network is an association of FM stations formed to eventually put FM on a Nation-wide network basis.

"FM" Broadcast Stations

Rapidly the FM channels are being cleared of experimental calls as new regular commercial stations begin to take their place on the air lanes. As far as we can determine RADEX presents the only complete list of "FM" stations in print. Both commercial and experimental stations are shown in our list. Commercial Stations already in operation are designated by an asterisk (*), and experimental stations are, of course, all in operation; some of them are used very irregularly however. As the stations begin to assume more regular schedules we will attempt to list them for the benefit of "FM" enthusiasts. What we are anxious to receive at present are reports from Radexers concerning reception of FM signals on Frequency Modulation receivers.

Page one

42600 kcs.

W1XK, Hull, Mass. 1000 watts,
Westinghouse Electric.

W1XSN, E. Springfield, Mass. 1000
watts, Westinghouse Electric.

W3XMC, Washington, D. C. 1000
watts, McNary & Chambers.

W8XAD, Rochester, N. Y. 250
watts, WHEC, Inc.

42800 kcs.

W2XMN, Alpine, N. J. 1000 watts,
Maj. Armstrong.

43100 kcs.

W31NY, New York, N. Y. 15610 sq.
mi. Maj. Armstrong.

43200 kcs.

W2XQR, Long Island City, N. Y.
1000 watts, J. V. L. Hogan.

W3XO, Washington, D. C. 1000
watts, Jansky & Bailey.

W8XFM, Cincinnati, Ohio. 1000
watts, Crosley Radio.

43400 kcs.

W1XTG, Worcester, Mass. 1000
watts, Worcester Telegram.

43500 kcs.

W3XPY, Whippany, N. J. . . . Bell
Telephone Labs.

43900 kcs.

W2XWG, New York, N. Y. 1000
watts, N. B. C., Inc.

W39B*, Boston, Mass. 31000 sq. mi.,
Yankee Network.

44100 kcs.

W41MM, Winston-Salem, N. C.
69400 sq. mi., Gordon Gray.

44300 kcs.

W43B*, Boston, Mass. 19230 sq. mi.,
Yankee Network.

44500 kcs.

K45LA*, Los Angeles, Calif. 6944
sq. mi., Don Lee System.

W45CM*, Columbus, Ohio. 12400 sq.
mi., WBNS, Inc.

W45D*, Detroit, Mich. 6820 sq. mi.,
Eve. News Ass'n.

W45RG*, Baton Rouge, La. 8100 sq.
mi., Baton R. Brdcast. Corp.

W45V*, Evansville, Ind. 8397 sq.
mi., Evansville On The Air.

44700 kcs

K47SL, Salt Lake City, Utah. 623 sq.
mi., Radio Service Corp.

W47C, Chicago, Ill. 10800 sq. mi.,
WJJD, Inc.

W47NV*, Nashville, Tenn. 16000 sq.
mi., Nat. Life & Accident Ins. Co.

W47P, Pittsburgh, Pa. 8400 sq. mi.,
Walker Downing Radio.

W47PH, Philadelphia, Pa. 9300 sq.
mi., Penn. Brdcast. Corp.

44900 kcs.

W3XEZ, Camden, N. J. 1000 watts,
RCA Mfg. Co., Inc.

W49D*, Detroit, Mich. 6800 sq. mi.,
John Ford Booth.

W49FW, Fort Wayne, Ind. 6700 sq.
mi. Westinghouse Electric.

W49BN, Binghamton, N. Y. 6500
sq. mi., Wylie B. Jones.

W49, Kansas City, Mo. 2999 sq. mi.,
Comm. Radio Equip. Co.

45100 kcs.

W2XWG, New York, N. Y. 1000
watts, N. B. C., Inc.

W51C*, Chicago, Ill. 10800 sq. mi.,
Zenith Radio Co.

W51NY, New York, N. Y. 8500 sq.
mi., N. B. C., Inc.

W51R*, Rochester, N. Y. 3200 sq.
mi., Stromberg Carlson.

W51, Saint Louis, Mo. 13000 sq. mi.,
St. Louis Univ.

45300 kcs.

W53H*, Hartford, Conn. 6100 sq.
mi., Travelers Brdcast. Service.

W53PH, Philadelphia, Pa. 9300 sq.
mi., WFIL, Inc.

W53, Indianapolis, Ind. 13640 sq.
mi., Ind. Brdcast. Corp.

45500 kcs.

W55M*, Milwaukee, Wisc. 8540 sq.
mi., The Journal Co.

W55NY, New York, N. Y. 8500 sq.
mi., Wm. G. N. Finch.

45700 kcs.

W57A, Albany, Ky. 6589 sq. mi.
General Elec. Co.

W57PH, Philadelphia, Pa. 9300 sq.
mi., Westinghouse Electric.

45900 kcs.

W59C, Chicago, Ill. 10800 sq. mi.,
WGN, Inc.

W59NY, New York, N. Y. 8500 sq.
mi., Frequency Brdcast. Corp.

46300 kcs.

W63C, Chicago, Ill. 10800 sq. mi., N. B. C., Inc.

W63NY, New York, N. Y. 8500 sq. mi., Marcus Lowe Agency.

W63SY, Syracuse, N. Y. 6800 sq. mi., Central N. Y. Brdcast. Co.

46500 kcs.

W65H*, Hartford, Conn. 6100 sq. mi., WDRC, Inc.

....., Kansas City, Mo. 1500 watts, Experimental.

46700 kcs.

W67B, Boston, Mass. 6700 sq. mi., Westinghouse Elec.

W67C, Chicago, Ill. 10800 sq. mi., C. B. S., Inc.

W67NY, New York, N. Y. 8500 sq. mi., C. B. S., Inc.

46900 kcs.

W69PH, Philadelphia, Pa. 9300 sq. mi., WCAU Brdcast. Co.

47100 kcs.

W71NY*, New York, N. Y. 8500 sq. mi., Bamberger Brdcast. Co.

W71RF, Rockford, Ill. 3900 sq. mi., Rockford Broadcasters.

W71XB, South Bend, Ind. 4300 sq. mi., So. Bend Tribune.

47500 kcs.

W75C, Chicago, Ill. 10800 sq. mi., Moody Bible Institute.

W75NY, New York, N. Y. 8500 sq. mi., Metropolitan Telev. Co.

W75P, Pittsburgh, Pa. 8400 sq. mi., Westinghouse Elec.

48100 kcs.

W81SP, Springfield, Mass. 2500 sq. mi., Westinghouse Elec.

49100 kcs.

W7XPY, Whippany, N. J. Bell Telephone Labs.

NOTE: FM stations are rated according to coverage in sq. mi. rather than by actual power output.

Newfoundland Standard Broadcast**Stations**

(Official list of the Department of Posts and Telegraphs.)

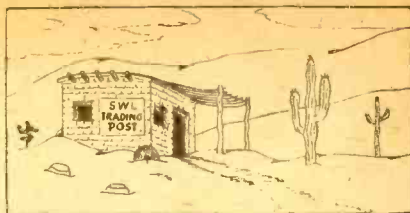
640 kcs. VONF St. Johns 10000 watts

700 kcs. VOWR St. Johns 500 watts

950 kcs. VOAR St. Johns 25 watts

1005 kcs. VOCM St. Johns 250 watts

(List furnished through the courtesy of L. A. Mayo.)



Notices for the exchange of SWL cards will not be printed in this column unless the request is accompanied by the senders' own card. No fee is charged for these notices, and RADEX assumes no responsibility.

R. G. Earle, 1416 University, Des Moines, Iowa. (SWL cards; also wishes reports of reception of Des Moines amateur station, and wishes local DXers to call on him).

Walt Britton, Box 28, Houlton, Ore. (Correspond with listeners who are also interested in studying flying).

George Hill, Jr., 575 W. 155th St., New York, N. Y., (SWL cards).

Roy Woollacott, 1809 Culver Road, Rochester, N. Y. (Roy does not collect SWL cards, but will send his to anyone wanting it, for 3c postage).

Amos Gott, Bristow, Ky. (SWL cards).

Chet Naron, 3708 "K" St., Bakersfield, Calif. (SWL cards).

Willis Richardson, 80 W. South St., Painesville, Ohio. (SWL cards).

Donald Dock, 119 Brite Ave., Scarsdale, N. Y. (SWL cards).

Joseph J. Becker, Sr., 415 S. Eleventh St., Hamilton, Ohio. (SWL cards).

Private Joe Becker, Co. C., 147th Infantry, 37th Division, Camp Shelby, Miss. (Will exchange post office view cards).

Lionel Jacobs, 524 Atchison St., Pasadena, Calif. (SWL cards, post cards, pen pals).

H. B. Day, Gordon, Wis. (Correspond with users of Sky Champion with storage battery and vibrapack).

Grace F. Hadley, 12 Pine St., Peterborough, N. H. (Exchange block letter view cards).

Harold E. Burstrom, 13814 Mayfair Ave., E. Cleveland, Ohio. (SWL cards; block letter post cards).

Stephen Hoffman, Jr., 178 Hickory St., Norwich, Conn. (SWL cards).

Willie Joe Saunders, Jr., 145 "U" St., N. W., Washington, D. C. (Correspondence).

Eugene D. Upton, Tilden, Nebr., (SWL cards).

Allen G. Hooker, Liberty, Sask., Canada. (SWL cards).

G. H. Tuncil, 510 Oildale Drive, Bakersfield, Calif. (SWL cards).

Edward Geasa, 952 Trinity Ave., Bronx, New York, N. Y. (SWL cards).

Elwin L. Gleason, 1126 Water St., Moosic, Pa. (SWL cards).

Bill Krause, 106—15th St., Sharpsburg, Pa. (SWL cards).

Edward Lendzioszek, 40 Emerald Place, Easthampton, Mass. (Exchange shack photos).

Floyd C. Fleter, 316 Campbell Ave., White Bear Lake, Minn. (SWL cards).

W. H. Herman, 868 Eddy Road, Cleveland, Ohio. (Correspond).

Nicky N. Harris, 1524 Amsterdam Ave., New York City. (SWL cards).

Mike Collins, 1330 Valley Place, S. E., Anacostia, Washington, D. C. (SWL cards).

Charles Rogers, Box 76, Delevan, N. Y. (SWL cards and correspondence).

June Carol Gregor, 1525 Mehrtens Ave., Sheboygan, Wis. (Correspond and exchange view cards).

Wm. Anderman, Jr., 5913 N. Camac St., Philadelphia, Pa. (SWL cards).

Fred Rosencrans, 66 Grand St., Newburgh, N. Y. (Correspond; Fred is a new DXer who would appreciate information and help).

Edward Laudansky, 1 Mather St., Dorchester, Mass. (SWL cards).

(Please turn to page 74)

Page four

QUESTIONS

A. M. Hankins, 1006 Ligonier St., Latrobe, Pa.: "Station on 11900 kcs. playing the "Star Spangled Banner" at 2 p.m.... Another on 11760 kcs. at 2:18 p. m. with American dance tunes. Announcements were in English.

Bill Scott, 313 W. Holston Ave., Johnson City, Tenn.: Would like to know the location of station WAAU on 4500 kcs.

Jack Stephenson, 2721 N.W. 21st St., Oklahoma City, Okla., wants the call and address of the Chile station on approximately 12000 kcs.

Francis Fellers, 52 Fearing St., Amherst, Mass., wants to know the Spanish speaking station on 9380 kcs. on Saturday evenings with very strong signals. Also what station is broadcasting in French from 8:30-9:30 a.m. on 11780 kcs. and then in an oriental language until sign off at 10 a.m.

Ralph Kastner, P. O. Box 134, New Braunfels, Tex., wants the call and location of the Argentine station on 9645 kcs. It was not LRX!

Eugene Gross, 676 W. Lockwood Ave., Webster Groves, Mo., wants information on a station giving British news bulletins on 7140 kcs. There is much cw interference on it.

Norman Kane, 315 Rolling Rd., Springfield, Pa., wants data on a pro-Vichy station on 13040 kcs. signing off at 4:30 p.m. It is either a French Colonial or XGRS, and it is likely to be the former!

Steve Mann, Lakewood, Ohio, desires information on a French-African station on 9950 kcs. heard from 4:10-4:20 p.m. with news in French. No identification signal is used.

Gordon E. Walberg, Winnipeg, Manitoba, wants to know if CBFW ever does any English announcing, and if so, when?

S. R. Morss, R.F.D. No. 3, Bradford, Mass., wants information on a CMV-11 in Cuba heard testing at 6:15 p.m. on 11500 kcs.

Howard G. Bardin, 29 Tredeau St., Hartford, Conn., wants a solution to his mystery station on a little higher

than 12000 kcs. heard from 1:15-3 p.m. with a program of chanting sounding like a Jewish cantor, followed at 2 p.m. with classical music and at 2:48 with a gong and what was evidently news in a foreign language. At 2:53 the gong sounded again and once more at 2:55 and 2:58. Announcements were all in a foreign language.

H. G. Day, Gordon, Wisconsin, says that VAS can be picked up at 5 a.m. but fade out in half an hour. He wants to know why he can't hear this station long enough to get identification. (VAS is used only to broadcast weather reports and news to fishermen and never transmits for more than 15-30 minutes at a time.—Ed.)

Hal Robie, 30 Merritt St., Springfield, Mass., wants to know if the Colombian on 1190 kcs. is HJAN and what the station's address is... Also, Hal desires identification of the Colombian on 1130 kcs. or thereabouts!

Robert Koppelon, 92 Vassar St., Newark, N. J., wants the names of the British Home Service stations on 1050 and 1150 kcs.

Len Kruse, 1318 Grafield Ave., Dubuque, Iowa, wants to know what station he heard on 650 kcs. on April 23rd at 4:25 a.m. An English-speaking male voice was heard.

Lloyd E. Staples, wants to know if XERA has been taken off the air or if it has changed frequency. It has definitely been silenced!

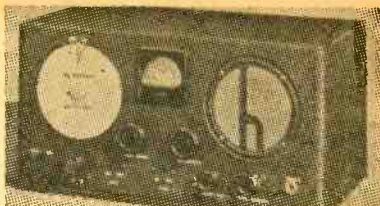
Carroll H. Clark, 806 Second St., Snohomish, Wash., wishes information on "Radio Marticano", using Spanish or a similar language, and bells similar to Big Ben.

ANSWERS

The station heard by Allen Hooker, according to Norman H. Kane of Springfield, Pa., is undoubtedly DJA on 9560 kcs. which is received quite well here on the programs to England and on those to Central and South America.

For H. H. Crow, Jr., H. B. Day of Gordon, Wisc., states that WEBC comes on the air at 7:28 a.m.

The Latest SKY BUDDY



Now With Electrical Bandsread! Tunes the Ten Meter Band

For the shortwave DX fan, or the boy in search of new thrills by way of shortwave or BCB radio, the Sky Buddy is the outstanding low-cost choice. This latest improved model offers even greater value than ever before. Tunes with full electrical bandsread from 545 kcs. to 44,000 kcs. in four bands and covers standard broadcast and shortwave broadcast bands as well as the amateur 10, 20, 40, 80 and 160 meter bands. Features separate bandsread dial, beat frequency oscillator, send-receive switch, AVC switch, pitch control, AF gain control, phone jack, etc. Has built-in speaker offering excellent tone quality. The Sky Buddy uses only 6 tubes but its performance is marvelous. Antenna input for either double or Marconi type antenna system. Headphone jack cuts out speaker when phones are plugged in. Although supplied for AC operation, the Sky Buddy is also equipped with a simple plug and socket arrangement at the rear which permits the use of a 6 volt storage battery and "B" batteries or vibrator power pack for portable use or in remote areas where AC lines are not available. The Sky Buddy is supplied with a complete set of matched tubes.

A GREAT VALUE FOR YOUR MONEY

More real features and better performance than you have ever known for a set so reasonably priced.

For 110 V., 50-60 cycles AC. Shipping weight 21 lbs.

MODEL S19-R "Sky Buddy,"

CASH PRICE \$29.50

**Order from
Radex**

12 Locust Ave. Emerson, N. J.

Page five

From Coast To Coast

Our editors analyze the reports received from their readers, and readers meet to exchange notes on DXing and kindred subjects.

In the West With Melvin Fisher

Reporters living in the Mountain Standard and Pacific Standard Time Zones may send their reports direct to

Melvin Fisher
1642 Harmon St.
Berkeley, Calif.

(Please use PST in reports).

In the East With Ray Ra Rocque

Readers living in the Eastern and Central Standard Time Zones may send their reports direct to

Ray LaRocque
105 Highand St.,
Worcester, Mass.

(Please use EST in reports)

With the twenty-five meter band "hot as a fire cracker," and the 31 and 19 meter bands not far behind, reception on the shortwaves takes the spotlight this issue. The invasion of warmer weather has again curbed broadcast band reception, but has considerably bettered reception on the higher frequencies. We are very pleased with the number of reports received from our west coast readers. With reports and information on stations in 60 countries, a new high was reached.

This goes to prove that the co-operation of a large group of good reporters can really give a column the life that it needs to keep it interesting and up to date.

With new stations cropping up here and there, and London and Berlin adding new transmitters to their lists, the shortwave field promises new thrills and loggings to each and every Radexer. We have omitted listing some of the commonly heard stations, and have attempted to bring you the most exclusive information obtainable on west coast reception.

We have also figured out a definite system of awarding points in the "Big Three" and have added a "Consolation Division" in place of the honorable

(Please turn to page 11)

Page six

Report-O-Meter

Norman H. Kane, Jr.	100%
Edward Laudansky	87%
Arthur M. Hankins	75%
Francis Fellers	69%
M. Whiton	38%
Roger Legge	38%
Steven Mann	38%

This month, there occurred a three-way tie for fifth position in our meter, necessitating a much longer list than the usual five names. Besides the above, Norman Maguire, Jack Stephenson, S. R. Morse, Bill Scott, and Ralph Kastener deserve honorable mention for being right behind the leaders.

Briefly, here's how the meter works. From the many reader reports received monthly, we obtain much of the information that goes to make our "Shortwave News Of The World" so complete. For each item that our eastern readers contribute, we allow certain credits, and the total of these as we go to press, makes up the final form of the Report-O-Meter.

Supremacy Ratings

Supremacy for Reporting: For eastern readers submitting the most useful information to our standard broadcast news department during the past two months.

- 1.—Len Kruse
- 2.—Nroman Maguire
- 3.—Richard Coatsworth.
- 4.—L. A. Mayo
- 5.—Steve Mann

Honorable mention to: Bob Gilchrist, Chet Stedman, and Carl Silvester.

Supreme Supremacy: For the total number of stations verified:

Thomas, Ohio.....	2393
Becker, Ohio.....	1392
Botzum, Penna.....	1260
Siringer, Ohio.....	1078
Koppelon, N. J.....	1063

Countries Verified Supremacy: For the highest total of countries verified:

Thomas, Ohio.....	45
Botzum, Penna.....	40
Siringer, Ohio.....	36
Jordan, Penna.....	32
Becker, Ohio.....	27

South American Supremacy: For the most South American stations verified:

Siringer, Ohio.....	52
Botzum, Penna.....	35
Forestieri, N. Y.....	19
Mann, Ohio.....	13
Barnes, Ill.....	9

T. A. Supremacy: For the most trans-Atlantic stations verified:

Botzum, Penna.....	33
Forestieri, N. Y.....	23
Siringer, Ohio.....	16
Burnham, Mass.....	14
Daneker, Penna.....	5

T. P. Supremacy: For the most trans-Pacific stations verified:

Siringer, Ohio.....	34
Botzum, Penna.....	27
Mann, Ohio.....	11
Forestieri, N. Y.....	7
Barnes, Ill.....	7

- 21.—Bob Gilchrist, New York, N. Y.
- 22.—Israel Feuer, Vista, Calif.
- 23.—William Waldman, Asheville, N. C.
- 24.—Otto Renninger, Seattle, Wash.
- 25.—Allen G. Hooker, Liberty, Sask.
- 26.—R. A. Hayre, Salem, Oregon
- 27.—L. A. Mayo, Montreal, P. Q.
- 28.—Willie J. Saunders, Washington, D. C.
- 29.—Matthew E. Leshner, Lawrence, Mass.
- 30.—George Holland, Toronto, Ont.
- 31.—Joe Comyton, Toronto, Ont.
- 32.—Richard Livingstone, Lansdowne, Penna.
- 33.—Ralph Kastner, New Braunfels, Texas
- 34.—Roy Lee Clark, St. Joseph, Mo.
- 35.—Nickey N. Harris, New York, N. Y.
- 36.—Chet Stedman, Westerly, R. I.
- 37.—Eldred P. Johnson, Snokomish, Wash.
- 38.—Bob Falkenstein, Snokomish, Wash.
- 39.—Carroll H. Clark, Snokomish, Wash.
- 40.—Leon Chacona, Ithaca, N. Y.
- 41.—A. E. Koppe, Des Moines, Iowa

Supremacy ratings are based on verifications from stations operating on the standard broadcast band from 540-1600 kcs.



This photographic SWL card picturing Cleveland's Public Square is used by Harold E. Burstrom of East Cleveland.

Not-so-short Waves

WANA, according to Ralph Kastner, stated that they operate as a special emergency station on 2726 kcs. with 100 watts power. They can be addressed as Consolidated Timber Protective Organization, Homerville, Ga.

KYZF on 5912 kcs. is a border patrol station in Alpine, Texas. They were heard testing on 5912 kcs. by Edgar W. Keller, Chicago.

Radex Club Stationery

The number of readers in favor of stationery, seals, buttons, and report forms is swelling and the uncounted reports this month look big enough to make the goal of 100 seem within easy reach.

Suggestions

Chet Stedman thinks that when buttons and stationery are approved, we should run a contest to select a design for them.... R. A. Hayre wants us to include with the above a membership card, small enough to be carried in a wallet.... Allen G. Hooker is in favor of including crests to be worn on a sweater!

Personal Notes

Allan B. Cadorath, Radexer up in Brandon, Manitoba, has just joined the

Royal Canadian Air Force. Allan still has some SWL cards he wants to use up, so if you need Manitoba, write him at 1825 Princess Ave., Brandon. Vernon Lee Gibbs gives up broadcast DXing as he is expecting his ham license very soon.

Edgar W. Keller and Joseph E. Gannon are street car men who spend their leisure nights at the controls of their radio receivers, Joe apparently getting the better of his fellow-worker—at least in respect to dialing the Hawaiians.

We got our signals crossed last month. Roger Leggs says that he has yet to see a new Hallicrafters which we credited him with adding to his listening post. He wants to remind that he still does well with his trusty RME-70-DB20!...Ed Laudansky is another of our Radexer friends who will soon forsake DXing for Army life. Ed enlisted in the regular army and expects to be stationed either in Hawaii or the Philippines!

Thomas E. Townsend knows enough Spanish to be able to understand stations and their announcements, and fellow DXers are invited to send their identification problems (concerning Spanish-speaking stations, of course) to him at 1524 W. 28th St., Little Rock, Arkansas, where the dial has nothing but locals and Latin Americans, according to Tom.

Roger Leggs didn't, but Ralph Kastner does have a new HALLE-CRAFTERS S20R receiver.

Shortwave Quotes and Notes

Art Hankins believes that YSD's card is one of the best because of the particular attention that is paid to details...Eugene Gross of Webster Groves, Mo., does his shortwaving on a Midwest and has two antennas, one about 50 ft. long, and the other 80 ft.

Ralph Edwards has already heard all continents on his new HALLE-CRAFTERS 8-20-R. Ralph does most of his DXing on the shortwave broadcast bands, but occasionally takes a jab at the 20 meter ham band...Chet Stedman, 19 Summer St., Westerly, R. I., wants Jim Davis of Toronto to

send him his address.

H. G. Bardin, down Hartford way, relates this one: "While listening to a BBC station on the 19 meter band, at the conclusion of a news-cast, I heard what was supposed to be the beginning of a talk on war. After speaking about five minutes, the speaker stated they were receiving Lockheed-Hudson and Boeing planes; of the Boeings they expected five types, and that they were now receiving type "C". Immediately, the station went off the air, and returned after two minutes with a statement that the speech would not be continued because of technical difficulties, but that a musical program would be presented! It is to be assumed that the speaker was being a little too liberal in handing out details which the British would rather have kept a secret!"

Ed Laudansky (R2063), complies with the request of those who have asked that all Radexers who make the Report-O-Meter forward information on the type of receiving equipment used. Ed uses a S-19R Hallicrafters, and has as available a 6-tube Zenith and an RCA 45X-1. Ed claims he never uses an aerial over six months—always changing and experimenting! "Right now I'm having amazing success on the ultra high bands with a top fed steel verticle 4 ft. long," he says.

Chet Roman (R451), now at Ford Ord, relays the information that the following members of the CRRT are on the air or expect their tickets soon! Hauk Bennett will be on 1955 and 7230 kcs. as well as ten meters. Don Wheately of Vt. expects his license soon. Jim Robbins of Maine expects a ticket soon. Tom Moss of Georgia (founder of the movement for RA-DEX Club supplies) has an operator's license, but is waiting for his ticket to go on class "B" phone. H. Apple of North Carolina is WHER on 1830 and 14350 kcs., phone. W4HER will QSL immediately.

Broadcast Band Quotes and Notes

A nomination for the verification

card to end all verification cards: The six by thirteen inch WFBL card, which is the biggest card in the collection of S. Tellis of Philadelphia. Radexers who reported KFUO's April 25 - DX program received a worthwhile souvenir crucifix engraved with the station's call letters in black and gold!

KFRO's construction permit for 5 kw. is being held up because the FCC first wants to determine the effect such a grant would have on the three Mexican stations now using 1370 kcs! It is to be hoped that every Mexican station grant receives such careful consideration of the interference problem before being made effective.

We want to say thanks to Mr. Jose Acevedo and XEMA for their courteous dedication of programs to RADEX. It is hoped, however, that no RADEX readers will solicit DX programs in behalf of RADEX. We would rather handle these programs in another manner, which we intend to reveal next season!

So amazed at Dave Thomas' 2393 in the Supremacy listing, Roger Causse (RI117) solved it by assuming that Dave counted his ham verifications. Increditable as it may sound to Roger, and others perhaps, the Ohio DX Ace does not even verify ham stations! The whole 2393 are assorted standard broadcast stations (500-1600 kcs.) counted only once each!

Bob Brown's (RI151) opinion is that really good reception was very near all season, but didn't quite materialize! Chet Stedman of Westerly, R. I., is discouraged about hearing from TGW. Can anyone let him in on how to go about verifying this station?

Add suggestions: Carl Silvester's (R36-Mich.-1) hint about including in the indices information concerning the maximum and minimum points in the station's directional antenna. Persistence plus are the words for Joe Becker, the Hamilton (Ohio) Night Owl. He has all but 25 of the active U.S.A. stations. Of these twenty-five,

two (KVOS and KBPS) have eluded Joe for 11 years, but there will be another season and Joe still has hopes! "Hear the United States First" is Joe's motto, though he does log some foreign catches, one of the best being the 7½ watt TJW in Bermuda, now extinct!

Ed Laudansky (R2063) gives a few hurrahs for the inclusion of Nicaraguan and Venezuelan stations in the indices. Ed wants to see the complete roster of Latin American broadcasters in our indices.

Everett A. Erickson (R2297) is another who'd like a revised FCC monitoring list. Our offer to compile such a list still goes, if the readers will send in the schedules they pick up. The FCC is evidently not going to release any new schedules. Bob Botzum reports that TP reception this season was far below par—a flop, in fact!

R. G. Earle (2299) heartily approves the idea for report forms for RADEX Club members.

Reallocation—Pro and Con

Gordon E. Walberg of Winnipeg, Man., thinks they should do it all over again. The new set-up isn't working out too well up his way. KSL hasn't been heard since March 29. Previous to this it was always R9. Gordon suggests that stations have different channels for day and night operation. A possibility, but hardly probably say we. Robert Koppelon of Newark is another who isn't too well satisfied with re-allocation. Says Bob, "XENT blots out WRVA, XELO messes up KEX, XERB overrides KTHS and the Cubans are all over the dial. The only change for the better as far as I can see is the several new clear channels made available.

On the other side of the fence, Norman Maquire (R636) of Stamford, Conn. says that the new set-up is working out very well for him and that 900 kcs. is the only bad channel. Frederick A. Strubel doesn't find it working out so efficiently, though. Fred calms 1160-1200 kcs. is all confused with nothing at all being heard.

Then there's Aaron Doan (R1936) who likes the new set-up and claims that in his area (Meadville, Pa.) many stations have been helped by the changes.

The facts are that the re-allocation is really working out very well when you consider interference on your own local stations. However, to the DXer, who listens more to the distant station than the average radio listener, it seems that there has been more interference created, because the channels have been crowded with more stations and high power in neighboring countries have been placed on the same bands as high power in this country, but directional antennas take care of the interference problem as far as the station's primary service area is concerned. Of course, when you get outside this service area, anything is likely to happen! One thing for which the DXer may be thankful, the re-allocation has opened up spaces on the dial for many South and Central American stations which were never heard previously.

And that, fellow Radexers, brings down the curtain on our first column under the new Radex set-up. We like it very much because it eliminates a lot of repetitions which makes more room for actual news and for the type of data that is really useful to DXers. What are your opinions on the subject? Drop a line to your Eastern Editor.

The Reporters

The complete list of all versions submitting material to the Eastern Editor follows:

- R7, Pa. 1: Arthur M. Hankins, Latrobe, Pa.
 R42: Robert Botzum, Reading Pa.
 R36, Mich. 1: Carl Silvester, Columbianville, Mich.
 R42: Robert Botzum, Reading, Pa.
 R54: Lloyd Rees, Ridgewood, N. J.
 R101: Weston Richards, Zion, Ill.
 R133: Carl Forestieri, Bronx, N. Y. C.
 R201: H. B. Day, Gordon, Wis.
 R283, N. Dak. 2: Rud Anderson, Ambrose, N. Dakota
 R372: Page Brent, Kansas City, Mo.
 R528: Vincent Stasen, Philadelphia, Pa.
 R600: Steven Mann, Lakewood, Ohio
 R606, Tenn. 3: Bill Scott, Johnson City, Tenn.
 R636: Norman Maguire, Stamford, Conn.
 R638, Vt. 5: Edward Draper, West Burke, Vt.
 R757: Matthew E. Leshner, Lawrence, Mass.

- R843: Joseph Janata, Astoria, N. Y.
 R986: Edgar W. Keller, Chicago, Ill.
 R1010: N. Whiton, Greenwood, Mass.
 R1049: S. R. Morss, Haverhill, Mass.
 R1067: Gene Kosolavoff, Dayton, Ohio
 R1072: Joseph Becker, Sr., Hamilton, Ohio
 R1088: Ralph Kastner, New Braunfels, Texas
 R1117: Roger Causse, Lester, Pa.
 R1151: Bob Brown, Goshen, Ind.
 R1317: James Weaver, Elkhart, Ind.
 R1470: Jack Stephenson, Oklahoma City, Okla.
 R1541: L. A. Mayo, Montreal, P. Q.
 R1559: William Maag, Youngstown, Ohio
 R1687: David Wing-Scobie, Moore Park, Mich.

- R1691: Hal Robie, Springfield, Mass.
 R1740: Constantine Sideris, Oswego, N. Y.
 R1741: H. A. Whittier, Mansfield, Mass.
 R1757: Wm. McMahon, Glen Cove, N. Y.
 R1769: Allan B. Cadorath, Brandon, Man.
 R1797: Phil Gridley, Holyoke, Mass.
 R1816: Albert Koppe, Des Moines, Iowa
 R1839: Elmer Rogers, Cleveland, Ohio
 R1843: L. N. Stracener, Baton Rouge, La.
 R1878: Douglas Gerald, Staten Island, N. Y.
 R1910: Chester Sedman, Westerly, R. I.
 R1911: Norman H. Kane, Wynnewood, Pa.
 R1920: Richard R. Coatsworth, Toronto, Ont.
 R1923: Wm. R. Knotte, Pennsgrove, N. J.
 R1936: Aaron Doan, Meadville, Pa.
 R2049: Jack Croner, Baltimore, Md.
 R2053: Anton Duening, Annapolis, Md.
 R2060: Roger Legge, Binghamton, N. Y.
 R2063: Edward Laudansky, Dorchester, Mass.
 R2067: Walter L. Mouk, Providence, R. I.
 R2094: Dick Mertz, Akron, Ohio
 R2105: Charles McGeorge, Lexington, Ky.
 R2117: Ralph Edwards, Morristown, Pa.
 R2118: Harold White, Circleville, Ohio
 R2145: Frank Caryell, Cleveland, Ohio
 R2161: Richard H. Livingston, Lansdown, Pa.
 R2167: Len Kruse, Dubuque, Iowa
 R2169: Joseph E. Gannon, Chicago, Ill.
 R2198: E. L. Hoffman, Roanoke, Va.
 R2228: Francis Fellers, Asheville, N. C.
 R2233: William Waldman, Asheville, N. C.
 R2242: G. T. Barron, Philadelphia, Pa.
 R2243: Nicky N. Harris, New York City
 R2245: Charles Rogers, Delavan, N. Y.
 R2246: Eugene Gross, Webster Groves, Mo.
 R2263: George Holland, Toronto, Ont.
 R2264: Joe Crompton, Toronto, Ont.
 R2288: Willie J. Saunders, Washington, D. C.
 R2297: Everett A. Erickson, Bethel, Conn.
 R2298: Charles E. Watts, West Plains, Mo.
 Howard G. Bardin, Hartford, Conn.

- Len Cavileer, Haddon Heights, N. J.
 Ray Lee Clark, St. Joseph, Mo.
 Vernon Lee Gibbs, Lexington, Ky.
 Robert Gilchrist, New York City
 Bickford Graf, New Orleans, La.
 Francis Hone, Rochester, N. Y.
 Roy Jeff, Philadelphia, Pa.
 Bernard Keiser, Webster Groves, Mo.
 Arthur J. Kimble, St. Louis, Mo.
 Alec Kinghorn, Havana, Cuba
 Dellos Lowell, Sharon, Wis.
 Allan Maxwell, Bloomington, Ind.
 A. C. Metcalf, Lakewood, Ohio
 Frederick A. Strubel, Hackensack, N. J.
 S. Tellis, Philadelphia, Pa.
 Thomas E. Townsend, Little Rock, Ark.
 Gordon E. Walberg, Winnipeg, Man.
 Bill Wells, Hamilton, Ont.
 Bob Wilson, Portland, Maine.

YOUR COPIES OF RADEX WILL BE RESERVED. (SEE PAGE 80)

WEST COAST

(Continued from page 6)

mentions, for fellows who just missed the Big Three. We herewith inaugurate a new champion.

The Big Three

1. Eugene S. Allen, Berkeley, Calif., 168.
2. George J. Hiss, West Hollywood, Calif., 121.
3. Arthur T. Cushen, Invercargill, New Zealand, 96.

Consolation Division

4. Allen G. Hooker, Liberty, Sask., 62.
5. Charles Benedict, Altadena, Cal., 58.
6. Russell Cain, Reno, Nev., 57.

"Gene" Allen won his spurs with a blitzkrieg of reports on hard-to-get stations here on the West Coast. He tunes a HALLICRAFTERS SX-28. George Hiss also showed in the Big Three last issue, in third place. His receivers are a 6-tube Echophone and a 10-tube Midwest. Arthur T. Cushen has the amazing record of placing for the third straight time! He finished second last time. He has an 8-tube English Ekco. Al Hooker and Russ Cain are both former Big Three champions, and Charles Benedict is an up-and-coming DXer who has been knocking at the door lately.

The Radex Contests

The standings of west coasters in the Radex Contests show Harry Johnson leading in the All Wave Division with 432 points, and Art Cushen with 240 points. Al Hooker elads the Shortwave Division with 231 points,, followed by Dave Bishop with 140. The Distance Contest, sponsored exclusively by this column, is led by Wm. McMahon, with VLW2, 10500 miles, in the Shortwave Division. Richard Brauer leads the Broadcast band Division with CBL. Reporters have until July 1st to submit final entries.

What Our Readers are Doing

Fred Anderson has organized the

Philippine Radex Club, which now has five members... Art Cushen will leave a temporary vacancy in the ranks of ace DXers---in his last letter he said he had been called in the military ballot, but had already applied to the air force, and was awaiting final arrangements. Lots of good luck to you, Art... KALW, the FM station on 42,100 k/c, has been heard by Allen and Deligianis. They operate 2-4 p.m., and 7-9 p.m., weekdays only.

Since the East and West Coast station reports on both shortwave and broadcast band are now incorporated in one big column, we shall feature items of special interest only in this individual column, and personal notes on our readers. Of course, West Coasters will continue to send their reports to the West Coast Editor, and ratings for the Big Three, etc., will be continued as heretofore.

We attach herewith a list of reporters who submitted station news to the column this issue:

RF: Your West Coast Editor
R451: Chester Romanowicz, Fort Ord, Calif.
R839: Wm. Cunningham, Hollywood, Calif.
R881: Clarence Lee Mustoe, Brady, Mont.
R1214: H. H. Crow, Jr., Sacramento, Calif.
R1220: N. Z. J. Arthur Cusen, Invercargill, New Zealand
R1630: Mrs. L. E. Grannis, Eureka, Calif.
R1815: Hal G. Tuncil, Bakersfield, Calif.
R1829, Nev. 2: Russell Cain, Reno, Nev.
R1933: Carroll H. Clark, Snoomis, Was.
R1849: Allen G. Hooker, Liberty, Sask.
R1871: Eugene S. Allen, Berkeley, Calif.
R1919: George J. Hiss, West Hollywood, Calif.
R1922: Harry H. Jonson, Los Angeles, Calif.
R2016: R. V. Caldwell, Neskowin, Ore.
R2070: Carles C. Norton, Oakland, Calif.
R2077: Carles Benedict, Altadena, Calif.
R2109: Walt Britton, Houlton, Ore.
R2127: Byron Miller, Los Angeles, Calif.
R2144: R. A. Hayre, Salem, Ore.
R2239: Otto Renninger, Jr., Seattle, Wash.
R2291: Israel Feuer, Vista, Calif.
R2292: Gerald Stoneman, Chilliwack, B. C.
Fred A. Anderson Ft. Mills, P. I.
Hugh Curtis, Mare Isand, Calif.
Geo. Deligianis, San Francisco, Calif.
George Damgaard, Ft. Mills, P. I.
L. E. McNamara, Los Angeles, Calif.
K. R. O'Brien, Hollywood, Calif.

**YOUR COPY OF RADEX
DELIVERED TO YOUR HOME.
SEE PAGE 80.**

Page eleven

The Radex Contest

With the tabulation of the Radex Contest standings at the halfway mark, the running is still very close in three of the four divisions. In the Shortwave Division, Roger Legge leads the field by about 2500 points, but even in this division, anyone can still win. In the other divisions, the leaders are more closely grouped.

The Amateur Division is led by Roger Legge, and Merton Meade follows only 600 points behind. Eight hundred points separate the leader and runner-up in the All Wave Division, and only 432 points separate the two leaders in the Broadcast Band Contest.

There is still time to enter these contests, as copies of all the past issues in which coupons appeared are still available. New readers are also referred to former issues for complete rules, which are so simple that any DXer can enter and have a chance to win.

SEND STANDING NOW

All contest entries must be sent on

the coupons which will be printed in every issue of RADEX, and failure to send a coupon will eliminate a contestant. To insure the receipt of your copy of every issue of RADEX, it is suggested that you send in a subscription, which is only \$1.25 per year. See the subscription blank on page 80.

Do not hold the coupons until the end of the contest, but send each of them, as soon as possible, to RADEX, Emerson, N. J. Each coupon may be held, however, until the next one is in hand; thus, send Coupons 1, 2, 3 and 4 now, if you have not already done so; send Coupon No. 5 when you have received your next issue of RADEX.

Amateur Phones

A reader asks if amateur stations must specify that they operate on 'phone for their cards to count in the contest. Since the rules specify that every station must use 'phone we shall require that phone operation be clearly indicated on every card entered in the Contest.

The Radex Publishing Co.,

12 Locust Ave.

Emerson, N. J.

Date.....

Gentlemen:

My entry in the RADEX Contests follows:

	A	B	C
	Stations Verified	Countries	
	Since Oct. 1, 1940	Verified	Points
Broadcast Band
Shortwave
Amateur
All Wave

(Column A times
Column B equals
Column C).

Name

Address

City and State



We have also been asked if verifications must positively verify, since it has been pointed out to us that many verifications merely thank listeners for reports without indicating whether or not the reports are correct.

It has never been the policy of Radex to specify how verification cards should be worded, although, naturally, we prefer a card which states positively "Your reception is verified." Any communication which infers or suggests, however indirectly, that the reception of the station was correct, is acceptable to us. We feel that if an incorrect report is submitted by a listener, the station will either fail to answer at all, or will state definitely that the report was incorrect. Thus, the "thank you" cards from the BBC are acceptable, as well as the indirect verification sent out by CBK, WWSW, 4QS and many others.

The Standings

The standings of the leading fifteen contestants in the four divisions of the contest are shown in the tables which follow. The number shown in parentheses is the number of the last coupon received on the day this article was written.

Broadcast Band Division

1. 3400 Steven Mann (3) Lakewood, Ohio
2. 2968 Frank B. Lee (3) Wildwood, N. J.
3. 2700 David Thomas (2) Proctorville, O.
4. 1520 Geo. Wetherill, (2) Upper Darby, Pa.
5. 1350 N. B. Boonin (3) Upper Darby, Pa.
6. 960 Robert Gilchrist (3) New York City Pa.
7. 936 Robert Brown (3) Goshen, Ind.
8. 906 Lem Cavileer (2) Haddon Hts., N. J.
9. 840 Weston Richards (3) Zion, Ill.
10. 630 Roy Woollacott (3) Rochester, N. Y.
11. 5664 Chester Stedman (2) Westerly, R. I.
12. 540 Wm. R Knotts (3) Pennsgrove, N. J.
13. 525 Frank Susoreny (2) E. Chicago, Ind.
14. 504 V. C. Stasen (3) Philadelphia, Pa.
15. 500 Norman Maguire (3) Stamford, Conn.

Shortwave Division

1. 3008 Roger Legge (3) Binghamton, N. Y.
2. 570 E. L. Hoffman (3) S. Roanoke, Va.
3. 540 Wm. Knotts (3) Pennsgrove, N. J.
4. 396 Steven Mann (3) Lakewood, Ohio.
5. 238 Robert Sullivan (3) Brooklyn, N. Y.
6. 216 Harold I. Mannix (2) Cincinnati, O.
7. 150 Ed. Laudansky, (3) Dorchester, Mass.
8. 135 L. N. Stracener (3) Baton Rouge, La.
9. 117 D. L. Bishop (2) Liberty, Sask.
10. 112 Allen Hooker (2) Liberty, Sask.
11. 84 Bill Scott (3) Johnson City, Tenn.
12. 49 Vincent Longo (2) Detroit, Mich.
13. 45 Harry Johnson (2) Los Angeles, Calif.

14. 33 Al Renfro, Jr. (2) Johnson City, Tenn.
15. 25 Arthur Hankins (3) Latrobe, Pa.

Amateur Division

1. 1513 Roger Legge (3) Binghamton, N. Y.
2. 905 Merton Meade (3) Kansas City, Mo.
3. 666 Roger Crabill (2) Washington, D. C.
4. 630 Mike Unger (3) Detroit, Mich.
5. 598 Tom Smith (3) Orlando, Fla.
6. 374 Philippe Bates (3) Philadelphia, Pa.
7. 300 Wm. Knotts (3) Pennsgrove, N. J.
8. 259 Harry O'Meara (3) Manchester, Mass.
9. 195 Bill Scott (3) Johnson City, Tenn.
10. 168 Everett Erickson (3) Betel, Conn.
11. 114 Al. N. Cole (2) Norfolk, Va.
12. 110 Charles Bender (3) Pittsburgh, Pa.
13. 84 Roland Burson (3) Mansfield, Ohio.

Radex Contest Prizes

All Wave Contest

Halicrafters Skyrider Defiant Receiver, SX24

2nd Prize, \$30 in cash

3rd Prize, 1 Year Subscription and Membership in the World DX Alliance

Amateur Contest

1st Prize, \$15 in cash

2nd Prize, Subscription to Radex for two years

3rd Prize, 1 Year Subscription and Membership in the World DX Alliance

Broadcast Band Contest

Philco Strap-around Portable Radio

2nd Prize, \$15 in cash

3rd Prize, 1 Year Subscription and Membership in the World DX Alliance

Shortwave Contest

1st Prize, \$15 in cash

2nd Prize, 1 Year Subscription and Membership in the World DX Alliance

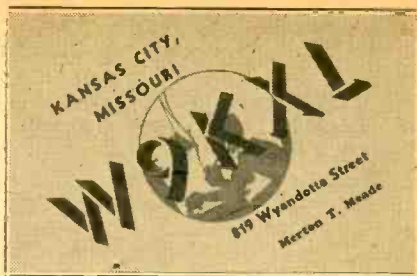
3rd Prize, Spatari Radio Language Book

Special Award

To the person in each division who verifies the most Latin-American stations:

100 gummed, 3-color Spatari Radio Language Seals

14. 80 Ralph Kastner (3) New Braunsfels, Texas.
 15. 68 Ed Laudansky (3) Dorchester, Mass.
- All Wave Division**
1. 7104 Steven Mann (3) Lakewood, Ohio.
 2. 6384 Roger Legge (3) Binghamton, N. Y.
 3. 5658 Wm. Knotts (3) Pennsgrove, N. J.
 4. 3260 David Thomas (2) Proctorville, O.
 5. 2912 Lem Cavileer (2) Haddon Heights, N. J.
 6. 1725 Robert Sullivan (3) Brooklyn, N. Y.
 7. 1640 Geo. Weterill (2) Upper Darby, Pa.
 8. 1449 N. B. Boonin (3) Upper Darby, Pa.
 9. 1288 Ed Laudansky (3) Dorchester, Mass.
 10. 1215 Robert Gilchrist (3) New York City
 11. 1078 Harold Mannix (2) Cincinnati, O.
 12. 936 Bill Scott (3) Johnson City, Tenn.
 13. 876 Roy Woollacott (3) Rochester, N. Y.
 14. 744 V. C. Stasen (3) Philadelphia, Pa.
 15. 684 L. N. Stracener (3) Baton Rouge, La.



Merton Meade has offered to print SWL cards for winners in The Radex Contest Amateur Division. Above is his own SWL card.

ACROSS THE EDITORS' DESK

Thumbing through the pages of this issue of RADEX, our readers will find that important changes in policy have been made on nearly every page. Most important will be the new method of presenting station news, wherein the eastern and western columns are combined to prevent repetition of station news. However, reception reports from the two coasts are still kept separate in the columns written by Ray RaRocque and Melvin Fisher.

We believe the broadcast band news, arranged by frequencies, will be even more valuable to our readers than the former method of presenting the news by countries. Questions and Answers from our readers have been put into a separate column, and FM news has been given a department by itself. The Frequency list of broadcasting stations now shows the minor network affiliations of stations, and the short-wave broadcasting list has been greatly expanded to include all stations heard, or apt to be heard. Comments from Radexers on all these changes will be greatly appreciated.

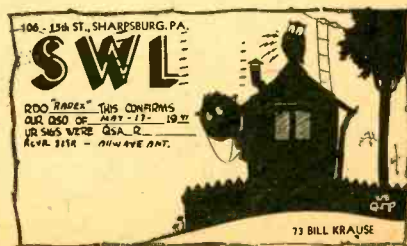
It was necessary to omit the World Station List from this issue, due to the lesser number of pages, but this list will be resumed in the next issue, which will return to 96 pages.

Mr. George Jacobs has asked us to mention the convention for DXers

which will be held in Cincinnati on August 15, 16 and 17. Further information, and reservations, can be obtained from Mr. Jacobs at P. O. Box 141, Station V, Cincinnati, Ohio.

Television, at long last, has grown to "commercial" status. Commencing on July first, high definition pictures of 525 lines will be broadcast, and FM will be required for the accompanying sound broadcasts. If present tests prove successful, color television can be expected by January first of next year.

A ruling of the FCC may require the NBC to relinquish its Blue Network, but as we go to press the NBC and the CBS are planning to carry the fight to the courts and we are not sure whether or not the FCC ruling will be immediately carried out.



Bill Krause's SWL card.

Shortwave News Of The World

By the Eastern and Western Editors

Radex, this month, presents in easy-to-read form all the shortwave news in one department, tabulated in the manner in which you like to read it—by countries. To make up this department, your editors have selected the choice material from your reports, official releases by the stations, and data which they themselves have gathered, into a department which will, we hope, meet with your hearty approval. To those who have been accustomed to seeing a lot of names repeated over and over again after reports; to those who have seen the same news items appear twice in separate sections conducted by our two sectional editors, we want to point out that there will be much more valuable news replacing this un-necessary repetition in the future. However, we still maintain that the readers deserve credit for much of the news, and in separate departments we will award these credits and discuss reader reports and suggestions.

(Source of news is credited as follows:)

- RX—Official News.
- RO—Owan Callin—Ham Editor.
- RF—Melvin Fisher—Western Ed.
- RL—Ray La Rocque—Eastern Ed.
- RE—Eastern Readers.
- RW—Western Readers.
- REW—A combination of Eastern and Western Readers.

Aden

Aden—(REW): ZNR on 12115 kcs., in the capital city of this British Protectorate which comprises the southern part of Arabia, is making its signal heard in eastern North America on various occasions during its daily transmission from noon to 1 p. m. daily. It is from this station that much first-hand war news can be expected if the present conflict should spread to Asia. Address us ZNR, c/o Cable and Wireless, Ltd., Ras Boraldi, Aden.

Algeria

Algiers—(RE): "Radio Algiers", station TPZ on 12120 kcs. is transmitting daily from 1:30-2:30 p.m., but the program that really packs a wallop in the Eastern states is the Sunday broadcast from 4-6 p.m. TPZ-2 on 8960 kcs., also follows the same schedule, but is not heard as well as TPZ.. Both these stations advise American listeners to send their veri requests via air mail—which costs 33c.

Angola

Benguela—(RE): Not many DXers hear this one, but Steve Mann vows that it can be heard. CR6RB on 10953 kcs. using 50 watts and owned by the Radio Club de Benguela, operates from 2:30-3:30 p.m. daily. The station uses a woman announcer and news in Portuguese is heard at 3:15 p.m. with "O Portuguesa", the National Anthem, heard at sign off.

Argentina

Buenos Aires—(REW): LRX on 9660 kcs. opens the morning transmissions of "Radio El Mundo" at 5:30 a.m. continuing until 6:05 a.m., at which time the announcer invites listeners to switch to LRU. The latter station takes the air on 15290 kcs. at 6:15 a.m., holding forth until LRX again takes over at 7:30 p.m. Both these stations relay the broadcast band station LR-1.

Australia

Sydney: Eastern listeners report that VLQ on 15315 kcs., not listed in the latest official schedule, is now operating and being heard from 8 to 8:30 p.m. daily, although the signal is not very strong. Programs are announced as test transmission and reports are solicited.

News transmissions from Sydney, it is officially announced, are broadcast at 7:30 a.m. on VLQ5, and at the same time for western states from VLQ7. Another transmission takes place at

5 p.m. for the eastern and central states on VLQ7 while the same station carries a similar news program at 10 p.m. for the western state of North America.

Western readers report that VLQ2, 11870 kcs., and VLW2, 9560 kcs., are heard with English news at 6 a.m.

Melbourne (RW): VLR8 on 11760 kcs. replaces VLR7 and comes in strong at 3:30 a.m. with the famous kookaboora, or "laughing jackass" call, then, "Australia calling."

The Australian shortwave stations are now issuing a new verification card. The card shows a map of Australia with yellow rays emanating from it on a background of blue and blue-green. It is a very attractive card, indeed.

Bahamas

Nassau—(RW): ZNS2 on 60990 kcs. has been heard at 9 p.m. giving war talks and BBC relays.

Belgian Congo

Leopoldville—(RE): "Radio Congo Belge" broadcasts over OPM (6 kw.) on 10140 kcs. in French from 1:55-2:45 p.m., and over OPL on (6 kw.) on 20040 kcs. from 5:55-7:15 a.m. Of the two, OPM is by far the best; in fact much difficulty will be experienced in even hearing OPL... These two stations are relayed by four other 50 watt transmitter in Leopoldville, using one call—OQ2AA on all frequencies: 15175 kcs., 11730 kcs., 9550 kcs., and 6010 kcs.

Bolivia

Tupiza—(RE): A station heard well in the summer months is the 1500 watt CP-43 on 15165 kcs. which operates nightly from 6-9:30 p.m. What's more, they verify promptly.

La Paz—(REW): CP-2 on 6110 kcs., and CP-38 on 9505 kcs., each using 5 kw., operate nightly from 4 p.m. until midnight with the same program service. They can be addressed at Radio Nacional de Bolivia, Casilla 596, La Paz. The card is attractive and well worth having.

a.m.

XYZ on 6007 kc. is heard 910 a.m., with English announcements at 7.

Brazil

Pernambuco—(RE): PRA-8 on 6010 kcs. is a station that is not usually heard in the states with any degree of regularity, but persistent trying in the evening usually brings results. PRA-8 signs off at a little after 9 p.m.

Rio de Janeiro—(REW): PSH is broadcasting its regular evening program (until 7:05 p.m.) in parallel with PSL on 7930 kcs., and PSF on 14690 kcs.

Canada

Vercheres, P. Q.—(REW): CBFW has been caught a few times, testing on 12300 kcs. and 6160 kcs. This station is reported to be employing 7500 watts, which no doubt accounts for its being heard throughout the entire country. It comes in after HJCD signs off for the night; French is used almost exclusively, but English announcements are made at 11 p.m. EST. Verification cards are cream and black in color.

Montreal, P. Q.—(RW): CBFY, 11715 kcs. has been heard nightly with R6-7 signals, but with some fading.

Chile

Santiago—(RW): Three Chilean stations have been reported by our western readers. On 11700 kcs. is CB1170, heard signing off at 12:30 a.m. and on 11975 station CB1180 can be heard weakly from 8 to 8:30 p.m., with a godo signal in the afternoons, and again later in the evening, when they QRM Radio Brazzaville from 10 to 11 p.m.

Valparaiso—(RW): CB970, 9730 kcs., was logged with a fairly good signal at 9 p.m.

China

Chungking—(REW): A station XOZS has been reported operating on 10040 kcs. from 8 a.m. until after 9:30 a.m. Gongs, and the call letters repeated twice by a lady announcer, help to identify the station.

Burma

Rangoon—(RW): XZZ on 3480 kc., 100 watts, has the same program as XYZ, with news in English at 9:30

KGOA on 9720 kcs. and XGOY on 9500 kcs. are usually heard working in parallel near 7 a.m. daily. The XGOY verification card is printed in black with a picture of the panda bear super-imposed.

Shanghai—(RW): Station XGRS has shifted to 12030 kcs., and its English news period at 7 p.m. has been reported as well received.

Colombia

Nueva Grande—(REW): HJCD on 6160 kcs. reportedly is relaying many of the programs of station HJDE on 6150 kcs. in Medellin.

Manizales—(RE): HJFB on 6105 kcs. is also among the stations which relay the programs of HJDE.

Bogota—(RE): HJCT on 9630 kcs. is the station with the powerful signal covering 12RO-3 evenings. The Colombian usually signs off at 11:30 p.m. but the result of two powerful stations arguing for the supremacy of a channel results in "hash" usually.

Barranquilla—(RW): HJAG, 9810 kcs., is heard regularly in the evenings.

Costa Rica

San Jose—(REW): TIPG on 9620 kcs. is actually being heard a little lower in frequency than its announced frequency. TIPG is known as "La Voz de la Victor" and signs off at 11:35 p.m.

Guanacaste—(RW): TI-7RVM on 5985 kcs. was scooped by Radexer Allen from 9:30-10 p.m.

Cuba

Havana—(RL): COK, the station which gained prominence during the "Batista for President" campaign, is back on the air, this time as the broadcast outlet for the Cuban Sports Department, of which Col. Jaime Marine is director. Alec Kinghorn, well known to DXers everywhere, is a staff announcer at COK, and listeners are requested to send in fan mail to him during his broadcasts....COK is on 11570 kcs., and operates from noon to midnight.

Address COK at the Sports Palace, Havana, Cuba.

CMB-14 is a new station heard testing on 14680 kcs.

COBZ on 9030 kcs., known as "Radio Salas" is another Cuban that packs plenty of power in its signal. English announcements are usually made on the hour and station address is P. O. Box 866, Havana.

COCO on 8700 kcs. are replacing on the shortwaves, the missing XERA on the broadcast band. That is, on their early morning (6:30 a.m.) broadcast they broadcast hill-billy music and other American music with advertisements intended for United States consumption. They also give a mailing address in Miami, Fla.

CLB-11 on 11500 kcs. is a new station heard testing in the evening. Announcements informed the listeners that this station would soon become a regular shortwave broadcaster.

COK, according to latest announcements, is now on 11619 kcs.

Camaguey—(RW): COJK, "Radio Zenith" signs off at 4:30 p.m.

Havana—(RW): COBC on 9375 kcs. "El Progress Cubano" can be addressed: Apartado 152, Havana.

Curacao

Willemstad—(RE): PJC-1 on 5937 kcs., using 200 watts transmits nightly from 6:36-8:36 p.m. Four languages are used, namely: Dutch, Spanish, Portuguese and English. PJC-1 is owned by Curacaosche Radio Vereen

Dominican Republic

San Pedro—(RW): HITJ on 5970 kc., closes with a march at 12 midnight.

Ecuador

Quito—(REW): HCETC on 9355 kcs. broadcast nightly until approximately 10:30 p.m., at which time they sign off after a Spanish news broadcast. HCETC suffers some QRM'ing from COBC.

Quito—(RE): HC2AK seems to be a Saturday station. Broadcasting on 9380 kcs., this station is very irregular during the week, but can always be heard on Saturday evening until 11 p.m.

Quito—(REW): HCJB on 12450 kcs. now has an English program at 8 a.m. Those who report receive a photo of a volcanic mountain with their verification. Each month, thereafter, a different photo is sent the reporter.

HCIPM, 5730 kc., is heard irregularly.

Egypt

Cairo—(REW): Stations SUX (7860 kcs.) and SUV (10055) kcs. are very active lately relaying programs to NBC and CBS. These broadcasts usually occur in the early evening, while the regular daily programs of SUV and SUX, in the native tongue, are to be heard between 12:30 and 1:30 p.m.

Eire

Athlone—(RE): "Radio Eire" operating on 17840 kcs. has been reported heard closing down at 3:30 p.m. with a signal that is far from exceptional.



Radexer Ed Laudansky of Massachusetts expects to be on the way to Hawaii or the Philippines with the Army before he sees this picture of himself.

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Fiji Islands

Suva—(RW): VPDZ on 9536 kcs. has a strong signal from 12-12:30 a.m. in French. From 3:50 a.m. they broadcast in English. They relay BBC news at 8 a.m.

Finland

Helsinki—(RE): OFE on 11780 kcs. reported being heard again around 1:15 p.m. Announcement was made by a lady saying in English "This is Finland calling in the Overseas program of the Finnish Broadcasting Co." During the same announcement it was revealed that they are also using transmitters on the 31, 25, and 19 meter bands.

Helsinki—(RW): OFD on 9500 kcs. has been heard from 1 a.m. . . OFE on 11780 kcs. operates in parallel.

France

Paris—(RE): "Station Y", as the Germans call it, on 15240 kcs. can be heard daily with a French program from 12:30-12:45 p.m. The station can be identified by the following typical announcements: "Ici Paris Mondial", "Vive La France".

Paris—(RE): TPB-8 on 11845 kcs., one of the unoccupied France, or Vichy government stations (known as "Radio National") is now being used in place of TPC-5. TPZ on 13120 kcs., another of these stations is being heard in the early afternoon. On the whole, programs from French stations are well received, but schedules are shifted so often that it is impossible to list any of the hours of operation.

French Equatorial Africa

Brazzaville—(REW): "Radio Brazzaville", the anti-Nazi station controlled by General deGaulle and the Free France army, has six transmissions daily. They start from 1-1:30 a.m. in French, then 8:30-9:30 a.m. in French. Next comes the English transmission from 2:45-3 p.m., then French from 3-4 p.m. In the evening there is French from 10-10:45 p.m. and English from then until 11 p.m. at which time they sign off with the "Star Spangled Banner". FZI, as the station is officially listed, sometimes uses 18440 kcs. on the 8:30-9:30 a.m. transmission.

French Indo-China

Saigon—(RW): "Radio Saigon" is still heard on regular 10:30-11 a.m. broadcasts in English on 11780 kcs.

"Radio Saigon" on 6188 kc. heard 4-6 a.m. with fine signals.

Saigon—(RW): Fred Anderson of Ft. Mills, P. I., sends along the latest schedule for Radio Saigon: (Frequencies are 11780 kcs., 6116 kcs. and 1000 kcs); 7-7:15 p.m.: News in French; 12 mid. news in French; 12:20-12:35 a.m., light music; 5:15-6:15 a.m., English program; 7:30 a.m., news in Dutch; 8 a.m., news in French; 8:15-9:30 a.m., music and variety (in English); 10:30-11 a.m., English program.

French Morocco

Rabat—(RE): "Radio Maroc", operating simultaneously with "Radio Algiers" in the afternoons. After 5 p.m. is suggested as the best time to log this station.

Germany

Berlin—(RX): Official schedule of English transmissions from the German Library of Information in New York:

DJB on 15200 kcs. comes on the air at 6 a.m. until 8:45 a.m., from 11:30-11:45 a.m., 12:30-12:45 p.m., and from 4:50-11 p.m.

DJD on 11770 kcs. broadcasts from 4:50-11 p.m.

DJZ on 11800 kcs. broadcasts from 3:30-4 p.m.

DXP on 6030 kcs. broadcasts from 4:50 p.m. to 1:00 a.m.

DZD on 10540 kcs. broadcasts from 4:30-4:45 p.m., and 7:30-11 p.m.

* * *

Prague—(RX): The former station OLR4A, known now as DHE4A is being heard in this country, coming on the air promptly at 6 p.m. with soft-spoken announcements in Bohemian, followed by news in the same language. Interval signals remains the same short tune played on a horn, used excessively by OLR4A.

* * *

Amsterdam—(RE): PCJ-2 on 15220 kcs. has been used in conjunction with

DZE on 12135 kcs. to broadcast in Spanish to a "Radio Teatro" in Buenos Aires, evidently for relaying over Argentine networks.

* * *

Berlin—(RE): DXS on 15160 kcs. has been broadcasting in the morning until 10:45 a.m., but signals in this country have not been very strong.

Berlin—(RE): Lord Haw Haw's news broadcasts take place at the following hours on the stations listed:

3:30 a.m. DJB; 12:30 p.m. *DJA DJB. 630 a.m. DJL DXT; 2:30 p.m. DJA. 7:30 a.m. DJL DXT; 3:30 p.m. *DXM DZD; 9:30 a.m. DJL; 4:30 p.m. DXM; 11:30 a.m. *DJA DJB; 5:30 p.m. DZD.

Stations listed with an asterisk (*) are not usually heard in this country.

Prague—(RE): "Radio Podebrad" on 10035 kcs. with its new call letters —DZB is being heard at 2:45 p.m. with a fairly decent signal.

Berlin—(RE): DJW on 9650 gcs. has been heard with a program to Africa from 3:15-4:30 p.m.

Berlin—(RW): DZD, 10543 kcs. and DZC, 10290 kcs., are heard frequently in parallel 8:30-10 p.m.

Berlin—(RW): DJB heard with English program at 1:30 p.m. on 15250 kcs. Call. repeated several times, is "Germany calling."

Great Britain

London—(RX): The BBC's Chief Engineer recently released a statement of facts about British wartime broadcasting that contains many items of interest to shortwave fans. Though the constantly changing schedule of hours may make the BBC schedule quite complicated, the BBC is attempting to make every broadcast to any particular location available on a choice of at least two and sometimes four different channels. Whenever possible the same station is always used for one type of service. GSN and GSB are always used for Latin American service, while GSC, and GSD are employed in the North American service.

New BBC stations put into use to meet the demand for more complete service to various areas are: GRW on

6145 kcs., GRR on 6075 kcs., GRS on 7065 kcs., GRT on 7150 kcs., GRU on 9450 kcs., and GRV on 12040 kcs. The BBC engineer stresses the importance to radio manufacturers of including the 21 megacycle band on receivers as this band is usually always productive of good reports from listeners who tune the BBC stations on these high frequency channels.

In a plea to listeners, the BBC Chief Engineer, stresses the need for detailed reports—reports which contain information as to which of the many frequencies are best heard and the exact time of day that the programs are best received.

* * *

London—(RX): GRR on 6075 kcs., the station being used for the BBC Home Service is operating from 1:00 a.m. to 6 p.m.

Greece

Athens—(RE): On the evening of April 25th, SVM on 9934 kcs., broadcast its last program. Since that time the station has been unreported except for a few transmissions in code.

Guatemala

Guatemala City—(REW): TG-2 in operation on 6193 kcs. actually do not sign off at 2:00 a.m. on their Sunday morning transmission. This program lasts well into the night continuing sometimes after 3:00 a.m.

* * *

Guatemala City—(REW): TGWA on 15170 kcs., usually heard in the early afternoon from 12:45 p.m. until 2 p.m., has been offering to send a half-pound of Guatemalan coffee to listeners who would forward the station the names of several persons interested in travelling in Guatemala.

Haiti

Port-au-Prince—(RE): HHBM on 9660 kcs. is a new one un-earthed by Roger Legge. This station usually operates from 7-8:30 a.m.

Port-au-Prince—(REW): HH 3 W has shifted in frequency to approximately 10135 kcs.

Port-au-Prince—(RW): HHZS on 5947 kcs. heard R9 from 10-10:30 p.m. They identified in English at 10:30

p.m. They also announce in English at 9:30 p.m.

Hong Kong

Hong Kong—(RW): ZBW3, 9525 kcs. presents the news in English at 9 a.m., and from 9:10-11 a.m. an orchestra plays popular dance tunes.

Hungary

BudapestJ(RA): HAT4 on 9125 kcs. heard weakly at 7:30 p.m.

India

Delhi—(REW): VUD-3 on 9590 kcs. is using an interval signal which consists of a short tune repeated several times on a native reed instrument. Although the lowest in power, this is the only All India Radio station being heard well of late.

Delhi—(RX): Official schedule of the All India Radio stations as relayed to us by Norman H. Kane, Jr.:

VUD-2 (10 kw.) at Delhi on 7290 kcs. from 9:30 p.m. to midnight, on 9590 kcs. from 1-30 a.m., on 4960 kcs. from 6:30-8:30 a.m., and on 3495 kcs. from 8:45 to 12:15 p.m.

VUD-3 (5 kw.) at Delhi on 15290 kcs. from 9:05 p.m. to midnight, and from 1-4:25 a.m., on 9590 kcs. from 6:30-11 a.m., and on 6085 kcs. from 11:15-11:45 a.m.

VUD-4 (10 kw.) at Delhi on 11830 kcs. from 9:05 p.m. to midnight, 1-4:25 a.m., and 6:30 a.m. to 12:15 p.m. This station is listed as experimental.

VUB-2 (10 kw.) at Bombay on 7240 kcs. from 9:30-11:30 p.m., on 9550 kcs., from 2-3:55 a.m., on 4880 kcs. from 6:30-8:45 a.m., and on 3365 kcs. from 9 a.m. to 12:15 p.m.

VUM-2 (10 kw.) at Madras on 7270 kcs. from 9-10:30 p.m., on 9570 kcs. from 3-4:30 a.m., on 4920 kcs. from 5:30-8:15 a.m., and on 3435 kcs. from 8:30 a.m. to noon.

VUC-2 (10 kw.) at Calcutta on 7210 kcs. from 9:30-11 p.m., on 9530 kcs. from 2-4:30 a.m., on 4840 kcs. from 6:30-10:15 a.m., and on 3305 kcs. from 10:30 a.m. to noon.

Iran

The Iran transmitter according to information forwarded by Art Cushen, use 10 kw. EPB on 15100 kc., closes at 5:30 a.m. EQB has been verified.

EQC is now out of service in favor of EQB on 6155 kcs.

Iraq

Baghdad—(RX): HNF is definitely broadcasting on 9780 kcs., according to IDA, but schedule is unknown.

Italy

Rome—(RE): Besides 12RO-6 which continues to come in well on its noon to 1:15 p.m. transmission, there are a number of other Rome stations being heard excellently in this country. 12RO-4 on 11810 kcs. is one of the strongest, and is heard nearly all afternoon. 12RO-8 on 17820 kcs. can easily be heard in the early morning, after 8 a.m. 12RO-14 on 15230 kcs., and 12RO-15 on 11760 kcs. come on at 1 p.m.

Rome—(RE): English news periods are conducted at the following hours, although "Radio Roma" issues on news as to the channels on which the broadcasts are presented: 3 a.m., 6 a.m., 8 a.m., 8:20 a.m., 10:10 a.m., 12 (noon), 2 p.m., and 5 p.m.

Rome—(RW): 2RO18 on 9760 kcs. carries the American Hour from 9-10:30 p.m. 2RO3, 9630 kcs. was R7-8 from 12-1:10 a.m., on transmission to Pacific Coast. 2RO11 on 7220 kcs. was logged at 2:40 p.m. with R5 signal, carrying the American Hour. 2RO18 and 2RO4, 11810 kcs. now broadcast 8-to11:20 p.m., 2RO8 on 1782 kcs. from 8-8:30 a.m., and 2RO6 on 15300 kcs from 12-1 p.m.

Japan

Tokyo—(REW): JLG-4 on 15105 kcs. seems to be the key station on the 8-10 p.m. nightly broadcast on North America. The alternate station used on this transmission seems to constantly shift from JLU-4 on 17795 kcs., to JZK on 15160 kcs., and JVZ on 11815, or a combination of two or more of these stations. Oddly enough, the Spanish transmission for South America from 6-7:30 p.m. is heard much better than the North American transmission, which begins to fade out badly after the first half hour.

Toyko—(RE): There is an afternoon transmission to Europe via JLG-2 on 9505 kcs., and JZI on 11800 kcs. which is being heard well in this country. Program is from 2-5:30 p.m. and is in English with JLG-2 being the best station. Spanish is also used on this broadcast

Tokyo—(RE): Following is a complete list of all Japanese shortwave calls, furnished to Radexers through the co-operation of Edward Laudansky:

JLR	6015	JZI	11800
JLU	6185	JVZ	11815
JLT	6190	JVZ-2	11825
JVW	7257.5	JLG-4	15105
JLG	7285	JLR-2	15115
JLG-2	9505	JLU-3	15135
JLU-2	9525	JLT-3	15225
JZI	9535	JVW-4	15235
JLP	9605	JLU-4	17795
JLT-2	9645	JVW-5	17830
JLS	9655	JLP-3	17835
JVW-2	9675	JLS-2	17845
JVZ-3	9695	JLP-4	21560
JLG-3	11705	JLS-3	21620
JVW-3	11725		

JLU-4 on 17795 kcs., a new station, began operating on April 30, in parallel with JLG-4 at 8 p.m., replacing JZK.

Java

Bandoeng—(RW): PLQ on 10680 kcs. and PLN on 11600 kcs. can be heard working in parallel at 7:00 a.m. with English announcements at intervals.... PLP on 11000 kcs. plays popular recordings daily from 9-10 a.m.

Batavia—(REW): PMN on 10260 kcs. heard in parallel with PLP from 9:45-10 a.m.... PMA on 19380 kcs. is now broadcasting daily from 7-8:15 a.m.

Soerabaja—(REW): YDB on 9550 kcs. heard in the morning (10:30 a.m.) with weak signals.... YDC on 15150 kcs. can be heard at 6:30 a.m. with a time signal similar to that used by Daventry. This is preceded by native music and followed by news in the Dutch language.

Lebanon

Beirut—(RE): FXE is the official

call, although not used, of "Radio Levant" on 8030 kcs. which is being heard from 12-12:20 a.m. daily. "La Marseilles" is heard at sign off.

Macao

Macao—(RW): CRY-9 on 6080 kcs. has good, but noisy, signal on Mondays at 7 a.m.

Martinique

Fort de France—(REW): "Ici Radio Martinique," identifies the station on 9703 kcs. that might be located in the center of controversy in the present world conflict very soon. The station usually transmits in French from 7-7:30 p.m.

Manchukuo

Hsingking—(RW): MTCY has news in English on 9545 kcs. and 11775 kcs. at 10 a.m. and on 11775 kcs. at 1:30 a.m. MTCY has good signals on 6125 kcs. around 7 a.m.

Mexico

Mexico City—(RE): XEBT on 6000 kcs., one of the oldest Mexican short-wave stations, can be easily identified by its peculiar "cuckoo" call sounding a little bit more like some automobile horn than a "cuckoo". XEBT usually can be heard after midnight and their signature theme is "Liebestraum", usually played between 12:30 and 1 a.m. at sign off.

Mexico City—(RE): XEKW on 6030 kcs. is a seldom reported Mexican station usually because it is badly QRM'd. It can best be tuned after midnight.

Vera Cruz—(RE): XEUW on 6020 kcs. uses the beautiful "La Paloma" for a theme song when it leaves the air at midnight.

Tampico—(RW): XETW on 6045 kcs. are heard very well during a dance music program at 12-1 a.m.

Jalapa—(RW): XEBP signs off on 6090 kcs. at 7:30 p.m.

Mozambique

Lourenzo Marques—(RE): Along with CR7BE on 9710 kcs., which has a power of 10 kilowatts beamed toward North America, the following

stations are also operating in this country: CR7AB on 3490 kcs., CR7BD on 15250 kcs., and CR7AA on 6030 kcs. The CR7BE program is conducted from 2-4 p.m., the last half hour of which is American dance music.

Lobita—(RW): Art Cushing reports hearing the very seldom reported CR6AA on 7170 kcs. at 2:30 p.m.

Newfoundland

St. Johns—(RX): Official schedule of VQNH on 5970 kcs. is from 5-10 p.m. daily, while VONG on 9475 kcs. operates from 9 a.m. to 2 p.m.

Nicaragua

Leon—(RE): YNJAC, broadcasting on the 5750 kcs. channel is a new station in this country, usually heard in the evening, and using the slogan "The Voice of the Air".

Granada—(RE): YNLAT on 7620 kcs. operates from 8-10:15 p.m. and can be identified by the slogan "La Voz del Mombacho".

Managua—(RW): YNRS on 8585 kcs. signs off nightly at 10:45 p.m. . . . YNOW on 6860 kcs. comes in around 9:45 p.m.

Norway

Oslo—(REW): Former station LLH (9645 kcs.) is on the air nightly from 9-10 p.m. Opening announcement is "Hello America" repeated a few times. Whole program is in Norwegian. Signal is good. This station has been inactive since the Germans took over the radio in Norway. A music box tune played over and over before coming on the air is interval signal.

Panama

Panama City—(RW): HP5G, 11680 kcs., has news in English at 12:30 p.m. and 7 p.m., and English announcements at 8:30 p.m., and 12 midnight. Power is 1500 watts. They verify.

Colon—(RW): HP5K at Colon has been heard from 6:30 p.m. on 6005 kcs.

Peru

Huanuco—(RE): OAX3A on 6205 kcs., "Radio Huanuco" is easily heard after 11 p.m., after the sign off of CP-5 and HI-1X.

Arequipa—(RW): OAX6A, on 6050 kcs. has been heard at 10 p.m.

Lima—(RW): OAX4J is heard regularly on 9340 kcs. They have three gong signals similar to NBC.

Philippines

Manila—(RW): KZRZ, 9570 kcs., "Voice of Manila", is heard from 4:25-10:30 a.m.

Manila—(RW): KZRH heard until 11 a.m. on 9640 kcs., at which time they conclude the "Manila Night Hawk" program with English announcements.

Cebu City—(RW): KZRC, has good signals on 6100 kcs. from 7-8 a.m.

Portugal

Lisbon—(RW): CSW7 comes on the air on 9740 kcs. at 7:55 p.m. A short tune is played repeatedly, then chimes are sounded, and a clock struck 12 at 7 p.m. Sign off at 8 p.m. CSW6, 11046 kcs. comes in irregularly with weak signals at noon.

Salvador

San Salvador—(REW): A new voice of "Radio Nacional" has made its appearance. Working in parallel with YSPB on 6575 kcs., YSPA on 10400 kcs. is being heard quite well throughout the United States, operating sometimes as late as midnight.

Southern Rhodesia

Salisbury—(RW): On 7210 kcs. verified in two months. Address is General Post Office, P. O. Box 792, Salisbury, S. R.

Straits Settlements

Singapore—(RW): ZHP1, 9690 kcs. and ZHP3, 7250 kcs., Singapore, broadcast in parallel signing off in English at 9:40 a.m. ZHP2 on 8715 kcs. was also in parallel but has not been heard here. ... ZHP2, 6170 kcs. a new station, heard in parallel with ZHP1, closing at 9:40 a.m.

Sweden

Stockholm—(RE): The schedule for the day is broadcast over SBT on 15155 kcs., and SBP on 11705 kcs. daily at a few minutes before 1 p.m.

Switzerland

Schwarzenburg—(RE): HER-3 on 6165 kcs. has been putting in an excellent signal when broadcasting from 11:35 p.m. until 12:40 a.m.

Geneva—(RW): HBL on 9235 kcs.



An SWL card from W. J. Page of Wellington, New Zealand. Native Maori women are pictured.

(announced frequency) has been heard at 9 p.m. with a woman announcing in English. The program was also carried by HBO on 11402 kcs.

Syria

"Frances Libre D'Orient", 9045 kcs. opens at 9:30 a.m., with metronome notes and news in French, as per Art Cushen.

Taiwan

Tyureki—(RW): JIE-3, Tyureki, 9695 kcs., was heard at 9:30 a.m. on a Saturday. Identification is six or seven gongs.

Taihoku—(RW): JFO, Taihoku, heard fairly well in early morning on 9630 kcs.

Tangiers

Tangiers—(RW): "Radio Folange", 7090 kcs., opens at 1 p.m., broadcasting in Spanish.

Thailand

Bangkok—(RW): HSP5 on 11715 kcs., Bangkok, heard with market reports at 8:59-9 a.m., followed by light orchestral music until 10 a.m.

Turkey

Ankara—(RW): A station just is succeeding in putting through a rather weak signal to America from 6-6:30 a.m., with English news bulletin featured at 6:15 a.m.

Ankara—(RW): Ast ation just above GRV on 9450 kcs. is believed to be TAP on 9465 kcs., was heard weakly 9:30-10 a.m.

(Please turn to page 45)

Ham Hounding

By OWEN CALLIN

One of the most important pieces of news during the past two months has arisen from the annual meeting of the American Radio Relay League, which reaffirmed its policy of active co-operation with the federal government in the present national defense program.

One of the most outstanding resolutions adopted at the meeting was the one which urged the Federal Communications Commission to establish a new "feeder" type of temporary amateur license requiring a less stringent examination than regular amateur licenses.

The resolution, pointing out the need for replenishment of amateur ranks depleted by military requirements for trained operators, suggested that a lowered code speed requirement of only seven words per minute be established and that the non-renewable license be issued for a year.

Personally, we are whole-heartedly in favor of such a temporary license. There are quite a few of us—myself included—who would be amateurs now if it were not for the 13-word-per-minute requirement. Many of us haven't the time nor money to acquire the high speed.

However, if we get on the air through the temporary license it stands to reason that in that year of QSOs with others on CW the code speed would increase so that at the end of that period we would be able to easily pass the higher requirement for a permanent license.

I know the majority of you would favor such a temporary license. If so, write a letter to the ARRL in West Hartford, Conn., and to the Federal Communications Commission in Washington, D. C., pledging co-operation and approval to such a temporary license.

Twenty meters finally opened up rather surprisingly and just in time for the contest going on down in South and Central America. Quite a few DX catches were heard from the Latins.

We regret exceedingly to announce that some of the well-known amateurs have joined the ranks of the silent keys. John E. Garvey, 50, "king of the shut-ins," died April 3 at his home in Cleveland, where he conducted a coal sales business by telephone and talked with hundreds of friends over his station, W8RID. Garvey had been bed-ridden since 1929 with arthritis. He once conducted a shut-in program over BCB station WJAY, now WCLE.

Frank Jones, otherwise known as CO6OM, died in Cuba recently after a brief illness. He was one of the most famous CO's on 20 meters.

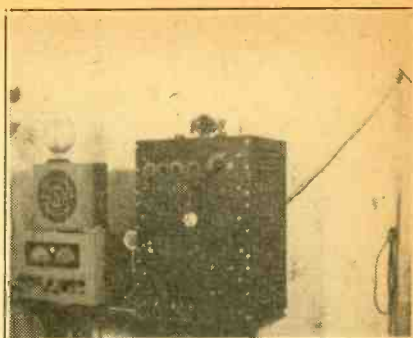
And, news from England tells us of the death of the following hams, fighting for their country: G5SO, G5SI, G5JH, G3JY, G3FL, G5ZQ, G4QA, G5AU, G4IR, G6BI, G2GM, G3LI, G5BW and GM8TT.

Flash! Flash! CT1QA has sent 100 of his QSL cards to Vernon Lee Gibbs, Route 5, Lexington, Ky., and all hams and SWLs who have heard or contacted CT1QA and haven't yet received a card, send your reports to Vernon and you'll get a QSL from this Portuguese ham. Don't forget the return postage—a three-cent stamp.

Eugene Allen of Berkeley, Calif., Charlie Rogers of Delevan, N. Y. (R2245), L. F. Stracener, Jr., of Baton Rouge, La., and V. C. Stasen of Philadelphia, Pa., have joined our ranks. Welcome to the Radex Club fellows, and don't forget those reports. Thanks for the fb ones this time, too.



A—L. P. MacGown, operator of W1CBV, and his XYL.



C—The rig of amateur W1CBV.

Pasadena, California *Apr 10 1941*

W	in	UR	SIGS. - RST	ORM - ORN - OSB	M. P. S. T.
W 6 M N X					
<i>(also called Ham and Eggs.)</i>					
Rec. Model T-2ka <i>2nd predecessor</i>					
Trans. 472x T-41 - 801-150 T - 300050000					
Ant. and feed line <i>ziff</i>					
Freq. <i>7.0.22... x</i> 140.60 KC 73 ESO. M.					
PSE OSL TIX 0 in a 70 ps ga young 2010 QUEENSBURY ROAD					

B—Ham QSL cards from Maine to California.

BANGOR, MAINE

W1CBV

RADIO Confirmed our Me communication

of m. EST. 1941

Our sigs were QSA Make 100%
 Ant in 3 Ant ant
 Input L. P. MacGown "Mac"
 2010



D—The W1CBV antenna, a two-element rotary beam, entirely home-made except the elements and the motor that turns it.

Contesters, here's your last chance. Our contest closes July 30 and all reports—final ones—must be in my hands by then. If not, the last score you turned in will be credited to you.

Many newcomers have sent in scores: Rog Crabill has 726, V. C. Stasen 2121, Bill Scott 2830, Al Pickering 9744 and George Eder jumped to 18,476.

Remember, the winner receives credit toward the purchase of foreign stamps from the Return Postage Bureau, Rutherford, N. J., donated by the manager, Walter Koester, plus a write-up in Ham Hounding. The second place winner also gets a write-up.

Final standings and winners will appear in the September-October issue.

QRA and QSL

V. C. Stasen pulled veris from LU7BK, K6GAS, K5AH, K4KC, CO2LY, YV1AP, T12FG, OA4C, XE1BC, VR6AY, TG9BA, HH2B, HC2HP, K7BPB and CE3AG.

Ed Laudansky says card to HK1AK came back marked "Unknown."

Phile Bates, 4101 Stanwood St., Holmesburg, Philadelphia, Pa., would like the QRA of K4HFS and K4HHR, especially, and also these others: KA6FB, CE4BP, YS1HUB.

Phil's list of QSLers include: K4DTH, K4FOW, K4GPS, K4GZR, K5AT, K6RGV, K6SRZ, K7BUB, K7GNN, KA1CM, PY1IA, K6OJI, XE3X and XE1AG.

His Non-QSLers: CE1AB, 1AI, 1AO, 1AS, 3CG, 3CZ, 3DW, CX1AM, HC1FG, 2HP, HH2G, 2HB, 2X, 5CO, 5PA, H12K, 3N, 6Q, K4EGZ, EJJ, ENT, EZR, BTH, UG, KD4GYM, K6BAZ, GAS, IQN, LCV, LEJ, MVV, PAS, SWV, YN1AP, AZ, IP, YV1AP, 1AQ, 1AV, 3AG, 4AE, 5ABE, 5ABY, 5AE, 5AK and 5AV.

Connie Sideris, 155 E. Fifth St., Oswego, N. Y., would like the YRAs of Art Cushen in Invercargill, N. Z.; Robert Newton of New Zealand; Alan Breen of Dunedin, N. Z.; Eric Butcher

in East Africa; Cyril S. Bolshan in Auckland, N. Z.; Mervyn Branks in Invercargill and some DXers in South and Central America. Can anyone help him out

For Glen Thormann from Rog Crabill: QRA of K6BUB is S. D. Bennett, KFAR, Fairbanks, Alaska.

For his excellent gesture in sending QSL cards for the SWLs and W hams who have not received them, we nominate CT1QA for the ham of the month and accord him this place of honor in Radex.

Over a year ago we corresponded for some time with CT1QA, who is Jayme Varela Santos. Jayme's new QRA he informed us over a year ago was R. Garcia Peres, 5, D, Setubal, Portugal. It is probable that mail will still reach him at the QRA.

However, at that time Jayme said he was unable to relate his work, since he was a lieutenant in the Portuguese army. The only thing he could tell about the war was that Portugal is neutral.

The CT hams, or course, have been off the air since hostilities in Europe began, but it is fairly certain that as soon as peace comes CT1QA will be back on the air, eager to talk to his many friends in the land of the W's.

SWLs will appreciate the return of Jayme to the air lanes, too, since he invariably QSLs.

Let us know if you have been called for service in the army under the selective service act. Edward Laudansky of Dorchester, Mass., left for Hawaii or the Philippines the last week in May for service in the army.

He said his rig was dismantled for shipment and he will let his Radex Club friends know where to reach him. In the meantime, all mail will reach him at his old QRA. All mail will be appreciated, too.

Strangely enough, the DX reports are better this time:

ALASKA—K7GNN verified with the prettiest card seen yet from the K7 country. The card is white, border is CW in red, call is red, a totem pole is red, outlined with black and small print in black. 7GNN runs 250 watts. He is ex-W6LQE, W7GNN. He appreciates SWL reports, QSLs, and his QRA is Jim Sherry, Chichagof Island, Alaska; K7BUB QSLs with a white card with blue print and an orange map—another pretty card. His QRA is BCB station KFAR K7HAL, whose QRA is Verne K. St. Louis, Ugashik, Alaska, was heard on 20 meters.

BRAZIL—PY2GS overheard in a QSO with CE1AO saying he was born and educated in Holland and is an electrical engineer. PY11A QSLed with large cream card with blue call and border and likes to exchange photos.

CANAL ZONE—The slogan of K5AT is "The Cross Roads of the World," printed at the top of his red, white and blue card. The K5s favor ten meters—K5AC, K5AP, K5AT and K5AQ all heard there.

CHILE—In a QSO with CO2LY, CE1AO said that someone was pirating his call. 1AO also said he was a mining engineer.

CHINA—XU2MC now is on the air and is no other than our old friend Sergt. Johnnie Reber, formerly W3GDY in Harrisburg, Pa., and more recently KB6OCL in Guam. Reber is now located at the Marine Dept., American Embassy, Peking, China.

COLOMBIA—HK1PAA is the most popular ham on 20 meters, it seems. The op is an XYL and carries on many QDOs in English.

COSTA RICA—The TIs are strong on 20 but T12RC will positively NOT QSL, says Phil Bates. Others heard: 2LR, 2AM, 2JC and 6HP. While Juan R. Saborio, the op of T15JRS, is studying electrical engineering at Clemson College in South Carolina, T15JRS is being operated by his YL or XYL—we're not certain which.

CUBA—CO8MP, whose home is in Long Island, was heard to say that he would be back home in a couple of months. CO6AX in Santa Clara was heard one night in a cross-band QSO with T14NRH, the Cuban on 20 meters and the Costa Rican on 31.

DOMINICAN REPUBLIC — Because his station is closed due to conditions in the island republic, H15X now looks more favorably and has more time to send QSLs to the SWLs. So if you have ever logged him and never received his card, try him again with an IRC and report. His card is a tropical one, picturing a lake with a cart pulled by oxen. Palm trees line the street and the moon and stars shine brilliantly.

HAWAII—K6SRZ, who runs a kilowatt, verifies.

MEXICO—After calling CQ in vain on ten meters, XE28 was heard to announce that all SWLs listening send him a report and he would QSL. He gave his QRA as George Groene, Box 815, Tampico, Vera Cruz. He is ex-XE2AF and is the second op at XE2S. His frequency on 10 is 28,306 and SWLs should watch for him in the evenings on 7,280 kcs. XE1AG was glad to get a report and verified with a nice red and blue card.

PARAGUAY—ZP2AC and **ZP5AC** are rolling in nearly every evening on 20 meters. The former is Dr. Felipe Santiviago, Convencion 235, Asuncion, and 5AC is Ramon T. Cartes, Jr., 15 de Agosto 29 in the same city.

PORTO RICO—Phil Bates says that these K4S positively will NOT QSL so don't pick on them for a veri: ENT, UG, EJF, EGZ and GTH. K4DTH was heard on 20-meter CW asking for SWL reports.

SAN SALCADOR—Although YS stations are supposed to be down, a YS1HUB was heard saying he was in Salvador City. Anyone know about him?

URUGUAY—CX stations are rolling in for a change with CX3CI about the best. All districts heard.

VENEZUELA—About the only one heard lately is YV1AQ on 10 and 20

but he does not QSL.

VIRGIN ISLANDS — KB4HBX definitely QSLs—100 per cent for return postage so if you wrote him and didn't get his card try him again and remember the postage. No IRCs, because U. S. stamps are used there. Every SWL should have this card.

CHATTER — Many thanks, Phil Bates, for an A-1 report. Also thanks to Mel Fisher for the dope on the W7s... Bill Scott has his VAS on the ham bands and has heard all districts on 20, 40, 75 and 80-meter CW... Norm Kane, moving to a new address (315 Rolling Road, Springfield, Pa.), turned on the receiver and sandwiched K5AP in between moving a chair and laying a rug... Charlie Rogers should be looked upon with awe, for while the rest of us just wondered what to do about a QSL from Antarctica, he went calmly ahead and sent a report and veri request to "Byrd Antarctic Expedition, c/o Dept. of Interior, Washington, D. C.", and received a QSL postmarked Little America just 364 days later!!! Lucky guy!... He listens on a SKY CHAMPION... We'll be glad for those monthly reports, Al Pickering, and let's hope the bands open up this fall with a good many of the foreign stations now shut down, back on the air... V. C. Stasen says he's a lazy DXer—only DXes when he's in the mood... L. F. Stracener, Jr.—yes, send return postage with your QSL requests or the majority of hams will not answer your report. Also give a detailed account of the signal strength, time heard, signal quality, etc., and you'll find you'll get better results.

Well, DXers, this should take care of the first issue of the summer lull, but let's hope the season opens up early this fall.

W SECTION

Our old friend and steady reporter for this column for many years, Roger Crabill of Washington, D. C., has left the amateur ranks and joined the professionals—Rog is now W3JGJ.

Naturally, Rog will QSL to all



From SWL to Ham. Roger Crabill, Radexer, has just joined the ranks of the amateur operators. Here's his new QSL card.

SWLs, because he will remember for a long time the QSLs he asked for before he received his ticket. So, we wish Rog DX an enjoyable QSO's and present him with the honored first place in this month's "W Section."

W3JGJ—Roger Crabill, 116 Staples St., N.E., Washington, D. C.: Already Rog has worked 36 states despite an input of only 25 watts. A T21 oscillator is used.

Rog wants those reports both from hams and SWLs and would also like to correspond with owners and operators of S20 or S20R Sky Champion HALLICRAFTERS.

W1CBV—L. P. MacGown, R.F.D. 2, Bangor, Me.: Mr. MacGown is 35 years old and is service manager at the Sears Roebuck store in Bangor. He received his license in 1928 and has been on 20-meter cw and fone ever since.

MacGown keeps a card file of all QSLs sent and received. He answers all QSLs but very few SWL reports—and this sounds bad for the SWL—because postage is not enclosed. But he will QSL for the SWL if a good report and postage is sent.

W1CBV is the proud possessor of two WAC certificates, one for fone and one for CW. Attention, South Dakota and Montana amateurs. Mac needs each state for his WAS.

The transmitter has an input of 140 watts with this lineup: 6A6-807-pp 809s-6SJ7-6F6-pp 6L6s.

Everything on the two-element rotary beam that is used is home-made except the elements and the motor that turns the antenna. A small Stan-cor 20P transmitter operating on 10 and 75-meter fone is also sitting around the shack.

Mac has been married nearly three years.

W6MNX—Ralph W. Hull, 2010 Queensbury Rd., Pasadena, Calif.: One of the most active hams on the Pacific Coast, Mr. Hull is over 70 years old, but you wouldn't believe it to hear his smooth style on a straight key!

His layout, he says, is rather an old-fashioned one in light of the new tubes that have come out. The lineup is a 47xtal, 841-801-150T with 300 to 500 watts input. Receiver is a National FBXA with pre-selector. The antenna is a half-wave 40-meter Zepp beamed east-west.

Mr. Hull's pet peeve is the Mexican fones on 40-meters, especially on Sunday morning when a working man is free from business hours and wants to see what his key can contact.

He has never been on fone and doesn't want to be. CW is cleaner, he says, with far less interference for the other fellow.

"With a decent fist and brevity we can travel almost as fast as the spoken words with their everlasting repetition in order to put it over-hi-hi," he says.

A garage adjoins the shack of W6MNX, filled with tools—precision metal lathe, drill press, power saw, etc.

"The joy in building, and learning by mistakes, is far more permanent than just buying gadgets and reading about them," says this fan with certain viewpoint.

Despite his years Mr. Hull is active, on the Y.M.C.A. gymnasium floor three times a week, keeping in trim. By training he is a pharmacist ("not the junk-drugstore type") but retired from business in Chicago and went to California where he has plenty of chances to get outdoors and enjoy the

redwoods and beautiful sea coast.

As for QSLing—OK for hams, but not for SWLs.

"Too many young fellows are making a collection hobby out of it without any regard for what trouble and expense they are causing the other fellow," he says. "They believe QSLing is nothing more than a stamp-collecting competition and have no intention of preparing for an amateur license."

So, SWLs, if you want the card of W6MNX, it will be up to you to convince him that you're out for that ticket.

Other W News

For embryo amateurs, W7IGZ sends code practice on 160-meters every Tuesday and Thursday from 2 to 4 p.m., Pacific Standard Time. An audio oscillator over a microphone is used.

The idea is to help someone receive his ticket a bit sooner. W7IGZ asks all listeners to write, telling of their code speed. In return W7IGZ sends a copy of the continental code.

The code teacher is a YL, incredibly enough, and really knows her code. She has been a commercial telegrapher in Chicago and England. She never uses an automatic key but can send 30 wpm on a straight key.

The address is Snohomish County Schools, Everett, Wash. The op of W7IGZ is "Cliff" Carpenter (info by Mel Fisher, West Coast editor).

W7FHM QSLs promptly with yellow card and black letters. . . W9BNP in Lexington, Ky., will verify free to all who send in a correct report; he operates in 80-meter CW and 160-meter fone every evening; QRA: Sixth and Limestone Sts. . . W9MRZ is in the Sanatorium at Third and Wilcox Avenues, Lexington, Ky., and will appreciate those cards and letters.

Here's a good story contributed by Norman H. Kane, Jr.: W3DOU, one of the more active 10-meter hounds, tells how he copied a W6 solid for a good long QDO.

Huh! That's nothing on 10 meters, you will say!

(Please turn to page 33)

Channel Chatter

By the Eastern and Western Editors

Standard broadcast news of the world presented in a new form to Radexers in hope that it will meet with immediate favor. The news is tabulated by frequencies and source of news is credited to Eastern readers (RE), to Western Readers (RW), to Ray La Rocque (RL), to Melvin Fisher (RF), to Owen Callin (RO), and official news is tagged (RX). Occasionally, when the news is of importance and value readers names are mentioned. However, it is suggested that readers turn to

FROM COAST TO COAST for full acknowledgment and credits for the best reports.

620 kcs.

(RE)—WAGE officially took the air on April 14th... TIPG's signal on 625 kcs. can occasionally be heard in the evening... WAGE has been heard announcing as Syracuse instead of Salina.

650 kcs.

(RE)—CX-6 on this frequency has been heard a few times behind WSM.

690 kcs.

(RE)—XEAC has a regular DX program for the URDXC every Monday from 2-2:15 a.m.

710 kcs.

(RW)—KIRO in Seattle, opened a new 50,000 watt transmitter in June.

720 kcs.

(RE)—TI4NRH in Heredia, on 725 kcs. can be heard on this channel occasionally, when WGN is not too strong... YV5RH in Caracas is no longer in operation and can be deleted.

730 kcs.

(RE)—XEDP in Mexico City is the most powerful Mexican signal heard in this country, according to many reports.

750 kcs.

(RE)—WSB, Atlanta's most powerful voice, comes on the air daily at 5:30 a.m.

790 kcs.

(RE)—Steve Mann reports that YV5RB is now using 10 kw. instead of 2 kw.

810 kcs.

CMHQ in Santa Clara seems to drown out WGY nightly throughout a greater part of the Eastern states.

830 kcs.

(RE)—TIEP on 825 kcs. in San Jose is very often the best heard of all the 830 kcs. stations.

860 kcs.

(RE)—XEUN, using 5000 watts, is a new Mexican station on this channel.

880 kcs.

(RE)—YV5RQ, "Radio Libertador" with 1000 watts in Caracas is a new station, information on which is through the courtesy of Steve Mann.

900 kcs.

(RE)—CHML in Hamilton comes on the air at 5:00 a.m. daily... CKBI in Prince Albert, Sask., is on the air until 1:30 a.m. or later.

920 kcs.

(RE)—CKNX, with increased power to 1000 watts in Wingham is now operating on this channel, having moved from 1230 kcs... WGST in Atlanta is on the air at 6 a.m.... WJAR comes on the air at 7:30 a.m. every day... HJCS, the Columbian station on this channel, is being reported with strong signals by Radexer Koppelon.

930 kcs.

(RE)—WKY in Oklahoma City signs on the air now at 5:30 a.m. daily... WPAT, the new Paterson,

N. J. station officially opened on May 3rd. The transmitter is located in Clifton, next to the Bloomfield city line. Prior to opening, it was rumored that the studios of the old WODA would be remodeled for WPAT.

960 kcs.

(RE)—YV5RA, Caracas, according to Steve Mann, is now officially using 10000 watts.

980 kcs.

(RE)—Despite its listing as a daytime station, WTRY is being reported as broadcasting evenings as late as 10 p.m. Any information on this from readers in and around Troy?

1010 kcs.

(RE)—The battle between CMX and YV5RG on 1010 kcs. is an interesting one. Eastern readers find one station pounding in above the other, then at other times the condition is reversed...CFCN's signal is heard in the East after the sign off of both CMX and YV5RG. YV5RG, incidentally, is rated by many as the most easily heard South American station.

1040 kcs.

(RE)—HJCZ in Columbia is still being heard until 11:30 p.m. daily on this channel, by Robert Koppelon.

1080 kcs.

(RE)—"The City of Roses", as Portland, Oreg. is called, is represented on KWJJ's verification card which has large block call letters in rose-pink... (RL). HHK at Logane, Haiti, is listed officially on this channel, but CBS in announcing the addition of HHW (1230 kcs.) to its roster of associated stations, claims HHW to be the only standard broadcast station in operation in Haiti.

1100 kcs.

(RE)—HJCB (1105 kcs.) in Colombia, says Bob Koppelon, is being heard regularly until 11:30 p.m.

1110 kcs.

(RW)—XEFO can be heard eve-

nings from 9-10:30 p.m. in Western states.

1120 kcs.

(RE)—Steve Mann reports that YV1RF can be heard almost daily coming on the air at 5:40 a.m.

1140 kcs.

(RX)—XENT on this frequency, according to a letter from the FCC, should be using much lower power on 1140 kcs., until it has completed erection of a new transmitter in the interior of Mexico—the new transmitter to be 50 kw. with a directional antenna with minimum signal aimed at WRVA. The commission is investigating ours and the claims of other listeners that XENT is still as strong as ever... A letter thanking Hal Robie for his report and acknowledging same was received in reply to a request for a veri from the BBC on their 1149 kcs. Overseas service.

1150 kcs.

(RE)—CKOC in Hamilton, Ontario signs on the air daily at 5:00 a.m... YV1RD (1153 kcs.) in Maracaibo is reported to be coming on the air at 5:40 a.m., along with other station in the same city by Steve Mann.

1190 kcs.

(RE)—HJAN is undoubtedly the best heard of the Colombian stations and usually ruins WOWO's signal except in that station's own service area.

(RW)—XELO now interferes badly with station KEX.

1220 kcs.

(RE)—TIEP-2 (1225 kcs.) in San Jose, comes in nightly in some sections, with occasional interference from XEB... CHAB in Moose Jaw, Sask. can be heard daily until 2:20 a.m. This station verifies promptly.

1230 kcs.

(RE)—KGHI on 1230 kcs. in Little Rock is now operating until 2:00 a.m. every Sunday morning. WITH, Baltimore's 250 watter, can be heard every morning from 3-5:30 a.m....

KPOW in Powell, Wyoming, had their dedication program on March 31.

1240 kcs.

(RE)—KBIZ in Ottumwa, the new 100 watt station, began operations early in May. Wayne Hattchet, chief engineer, signs all verifications. Veri is in cream and blue and is very neat with the station's slogan being "Modern as Tomorrow".

1250 kcs.

(RE)—YVIRK, says our friend Steve Mann, "is the best heard of the Venezuelan stations which come on at 5:40 a.m."

1270 kcs.

(RO)—WSPR in Springfield, Mass. has assumed its full time schedule of operations since the change to 1270 kcs. HJAT, "Radio Barranquilla", is a new station first heard in January. This station verifies by airmail letter.

1280 kcs.

HJGK is occasionally heard in the evenings.

1290 kcs.

(RE)—WHLD in Niagara Falls operates from 7 a.m. to 7 p.m. daily and from 9 a.m. to 7 p.m.

1300 kcs.

(RE)—YVIRA in Maracaibo is now on this frequency. A change from 1500 kcs. Steve Mann reports them coming on the air daily at 5:40 a.m.

1320 kcs.

WNEL in San Juan, Puerto, Rico, verifies with a colorful verification card showing the "Coco Palms".

1330 kcs.

(RE)—KEAC on 1330 kcs. can easily be heard nightly after WEVD signs off. WHAZ is on the air Mondays only—from 6 p.m. to midnight. They verify by mimeographed form letter.

1340 kcs.

(RE)—WINX in Washington, D. C. is now broadcasting. KVIC on their government frequency check

1370 kcs.

(RE)—KDTH, the new 1000 watt voice in Dubuque, is undoubtedly on the air by now as it was scheduled for an April 15th inauguration. Stanley Beck, Chief Engineer, is anxious for reports from DXers. KDTH comes on the air at 5 a.m. and signs off at 1 a.m.

1390 kcs.

(RE)—KLPM never heard (Manitoba) before re-allocation, can now be depended upon for regular reception.

1400 kcs.

(RE)—Holyoke's WHYN is now beginning its broadcast day at 6:30 a.m. WATL in Atlanta comes on at 5:55 a.m. KYAN ceased operating and sold its equipment to KFBC (1450 kcs.) in the same city which now becomes Cheyenne's only broadcaster. WSLB in Ogdensburg, N. Y., conducts its frequency check from 3:40-3:55 a.m. on the second Monday of the month. WKMO in Kokomo, Ind. was heard during its pre-inaugural tests during the week of April 4th. One of Galveston's major industries, fishing and crabbing off the shore of the South Jetties, is pictured on the verification card of KLUF. WHKY in Hickory, N. C. can be heard coming on the air each morning at 5:40 a.m. KVFD in Fort Dodge, Iowa, appears to be on the third Monday from 2:30-3 a.m., although it can be heard almost any morning at that time.

1420 kcs.

(RE)—WFCI in Pawtucket, the new station in these parts, opened May 1st, and maintains a schedule which covers only the hours from 6:55 a.m. to 1 p.m., making it a difficult catch for the distant fan. WWSR has taken the air officially, and the former WQDM in St. Albans, is now deleted in Vermont.

1430 kcs.

(RE)—WARD, WBBC, WLTH, and WVFW have concolidated and a new station, call letters WBYN is the result.

1450 kcs.

(RE)—WMAS is on the air daily at 1 a.m.... WRLC in Toccoa commenced its tests along about April 25th, which means that it is now on the air.... WNAB in Bridgeport, Conn., contrary to some DX reports, is not on the air as yet, and doesn't expect to be until August 1st.... WWDC, the new Washington station, is now in operation.

(RW)—KFMB began operations about June 1st.

1480 kcs.

(RE)—WAGA in Atlanta comes on the air at 6 a.m.

1490 kcs.

WKBB in Dubuque, Iowa comes on the air at 5:30 a.m. and continues until 1 a.m. the following morning. If any DXer living more than 300 miles from Dubuque has heard WKBB, will he kindly drop a line with particulars to Len Kruse, 1316 Garfield Ave., Dubuque, Iowa?

1570 kcs.

(RX)—XEAW was formed to move off of 1010 kcs. and take up its assigned frequency of 1570 kcs., and is operating with reduced power (signal is much weaker than ever) until such time as its new directional antenna and transmitter is completed... XEAW's new station will also be located farther into Mexico... CFPL in London is not being heard very well on their new channel, perhaps due to the fact that their new 1000 watt equipment is not yet in use.

Ham Hounding

(Continued from page 29)

But—the W6 forgot to turn on the plate voltage and was operating on 1½ watts with the tube filaments as antenna.

"I've heard of getting out on next to nothing but this is the first time I've ever experienced it," said the W6.

Eugene Allen of Berkeley, Calif., in his quest for a VAS, has this to report:

Stations who verified: W-EMB, 1HJI, 1JFG, 1MCX, 3GSV, 3EQK, 4AZT, 4EUZ, 5GGX, 7HEY, 8EQZ,

8CBK, 9AKJ, 9DVL, 9EJG and 5FDT.

Those who did not verify for return postage: 1BEQ, 1FMP, 4CYU, 4DEO, 5GSY, 9YQN, 9BOF and 9CSB.

Old Issues Available

Nearly all issues of Radex from 1931 until 1940 are available at the new reduced price of ten cents each, sent postpaid.

Following are some selected back numbers:

The Oceania Broadcasting Stations, Sept. '38.

Tuning South Pacific Stations, Tuning South Americans, and a list of South American Broadcasting Stations, Oct. '38.

This Hobby Called DXing, the International Prefixes, the QSA and R Codes, Jan. '39.

Stations of New Zealand, April '39.

The 1940 Issues

Turner Dial Discusses Servicing; Venezuela Stations; Peruvian Stations; La Paz, Bolivia Stations; Colombian Stations; Frequency Checks; Radio Stations from 8600 to 15270 kcs.; North American Broadcasting Stations with names of verification signers.

July-Aug. Radio Stations from 15280 to 39360 kcs.; Frequency Modulation Channels.

Sept.-Oct. The Radex Contest: QSA and R Codes; This Hobby Called DXing; The Spanish Alphabet; International Prefixes; Radio Stations from 39380 to 138960 kcs.; Television Stations; Frequency Modulated Stations.

Nov.-Dec. Proposed Reallocations and their Effect; Commencing a new complete list of the World's Radio Stations, frequencies 1600 to 2490; this list includes the police stations of North America.

The Shortwave Stations

All known broadcasting stations in the world from 2000-22000 kcs. are listed in the following indices by frequencies in kilocycles. Whenever known, official schedules are given, otherwise brief comments as to when the station is best heard or other factors which help identify it are listed. An asterisk (*) denotes that information used is unconfirmed and that more data on this station is desirable. Abbreviations used: mid. for midnight, ex. for except; days of the week are abbreviated by using the first two letters, i.e. Su. for Sunday. All time unless otherwise stated is for daily operation and schedules are shown in Eastern Standard Time.

In conjunction with a drive to maintain this newly revised listing as up-to-date, and as accurate as possible, we are inaugurating a method of listing the names of the readers who have contributed most to the maintenance of this index. Reporters participating will be awarded one point for each correction or change they report, and in the case of a new station four points will be awarded if the reader can supply the call, frequency, location, and official schedule. Date your reports, as only the first report will score; all others will be disregarded unless they supply some new information not previously revealed. State also that your report is for the R-DEX SHORTWAVE REPORTERS LIST, or it may be confused with ordinary reader reports. This is not a contest, but merely a means of keeping our listings fresh and of awarding credit to the readers who keep it so.

2000 kcs. band

2480 TGWC Guatemala City, Guat. 5:15 p.m. to 12:15 a.m.

3000 kcs. band

3300 YV1RJ	Coro, Venezuela	"Radio Falcon"
3305 VUC-2	Calcutta, India	10:30 a.m. to noon
3310 YV4RX	Maracay, Venezuela	"Radio Marconi"
3340 YV1RO	Trujillo, Venezuela	"Radio Trujillo"
3350 YV5RS	Caracas, Venezuela	"Radio Libertador"
3365 VUB-2	Bombay, India	9 a.m. to 12:15 p.m.
3370 YV1RT	Maracaibo, Venezuela	"La Voz de la Fe"
3380 YV5RY	Caracas, Venezuela	"Radio Continente"
3400 YV5RW	Caracas, Venezuela	"Radio Tropical"
3410 YV3RX	Barquisimeto, Ven.	"Radio America"
3420 YV3RC	Merida, Venezuela	"La Voz de la Sierra"
3430 YV5RX	Caracas, Venezuela	"La Voz de la Patria"
3435 VUM 2	Madrass, India	8:30 a.m. to noon
3440 YV1RU	Maracaibo, Venezuela	"Radio Maracaibo"
3450 YV6RC	Barcelona, Venezuela	"Emisora del Estado"
3460 YV4RP	Valencia, Venezuela	"Radio Valencia"
3480 YV5RQ	Puerto Cabello, Vene.	
3480 XZZ	Rangoon, Burma	9:00 a.m.
3490 CR7AB	Lourenzo, Marques, Mozambique	
3490 YV3RF	Acarigua, Venezuela	"La Voz del Llano"
3495 VUD-2	Delhi, India	8:45 a.m. to 12:15 p.m.
3500 YV5RV	La Guaira, Venezuela	"Emisora Vargas"

4000 kcs. band

4273	.... Khabarovsk*, U.S.S.R.	4:30-6 p.m., 6:30-7:30 a.m.
4700	ZQI Kingston, Jamaica	5:30-6:30 p.m.
4750	YV1RV Maracaibo, Venezuela	"Ecos del Zulia"
4760	YV4RO Valencia, Venezuela	"La Voz del Carobobo"
4770	YV1RY Coro, Venezuela	"Radio Coro"
4780	YV3RN Barquisimeto, Vene.	"Radio Barquisimeto"
4790	YV6RU Ciudad Bolivar, Vene.	"Ecos del Orinoco"
4800	YV1RX Maracaibo, Venezuela	"Ondas del Lago"
4810	YV1RL Maracaibo, Venezuela	"Radio Popular"
4820	YVO Maracaibo, Venezuela	Government station
4825	HJED Cali, Columbia	7 a.m. to 1 p.m., 7-10:30 p.m.
4830	YV3RN San Cristobal, Vene.	"La Voz del Tachira"
4840	VUC-2 Calcutta, India	6:30-10:15 a.m.
4840	YV1RZ Valera, Venezuela	"Radio Valera"
4845	HJCD Bogota, Colombia	6-11 p.m.
4855	HJCF Bogota, Colombia	7 p.m. to midnight
4860	YV5RU Caracas, Venezuela	"Ondas Populares"
4865	HJFK Pereira, Colombia	6-10:30 p.m.
4870	PRC-5 Belem, Brazil	until 8 p.m.
4785	HJFH Armenia, Colombia	8-11 a.m., 6-10 p.m.
4880	VUB-2 Bombay, India	6:30-8:45 a.m.
4885	HJDP Medellin, Colombia	8 o.m. to 2 p.m., 6-11 p.m.
4890	HJGD Bucaramanga, Colombia	5:30-6:30 a.m., 6-11 p.m.
	YV5RM Caracas, eVenezuela	"Radiodifusora Venezuela"
4895	HJCH Bogota, Colombia	11:30 a.m.-2 p.m., 6-11 p.m.
4900	YDA Batavia, Java	5:30 a.m.
4905	HJAB Barranquilla, Colombia	11 a.m.-11 p.m. Sun. till 8 p.m.
4920	VUM2 Madras, India	5:30-8:15 a.m.
	YV5RN Caracas, Venezuela	"Radio Caracas"
	ZOY Accra, Gold Coast	rarely heard here
4945	HJCO Barranquilla, Colombia	7:30-10 p.m.
4950	.... Caracas, Venezuela	"Radiofusora Nacional"
4960	VUD2 Delhi, India	6:30-8:30 a.m.

5000 kcs. band

5045	PMY Bandoeng, Java	5:30 a.m. to noon
5050	HJAE Cartagena, Colombia	
5460	YNOP Managua, Nicaragua	8:30-9:30 p.m., Sun. 2-3 p.m.
5750	YNJAC Leon, Nicaragua	evenings
5830	TIGPH San Jose, Costa Rica	7-10 p.m.
	TIX San Jose, Costa Rica	10 p.m. to midnight
5875	HRN Tegucigalpa, Honduras	6-11 p.m.
5885	TGX-1 Guatamala City, Guat.	8-11:30 p.m.
	HI9B Santiago, Domin. Rep.	6-11 p.m.
5900	ZNB Mafeking, British Bechuanaland	6-7 a.m., 1-2:30 p.m.
5936	PIC1 Willemstad, Curacao	6:36-8:36 p.m., Sun. 10:30-12:36 p.m.
5940	HH2S Port-au-Prince, Haiti	10-10:30 p.m.*
	OAX2A Trujillo, Peru	Tu., Th., Sa. Su., 7-10 p.m.
5960	HI1I San Pedro, Domin. Rep.	11:40 a.m.1:40 p.m., 6-8:30 p.m.
5970	VONH St. Johns, Nfld.	5-10 p.m.
5977	CS2WD Lisbon, Portugal	3:30-6 p.m.
5985	T17RVM Guanacta, Costa Rica	9:30-10 p.m.*

5990 ZEA Salisbury, So. Rhodesia

Su. 3:30-5 a.m.

6000 kcs. band

6005 HP5K Colon, Panama
XEBT Mexico City, D. F.
.... Moscow, U.S.S.R.

7-9 a.m., 11:30 a.m.-1 p.m., 6-11 p.m.
10 a.m.-1:45 a.m.
3:30-4 p.m.

6007 XYZ Rangoon, Burma

6:30-10 a.m., 9-11 p.m.,
Su. 9:30-11:30 p.m.

ZRH Capetown, U. of So.
Africa

10:45 a.m.-3 p.m.

6010 CFCX Montreal, P. Q.
CJCX Sydney, Nova Scotia
PRA8 Recife, Brazil
OQ2AA Leopoldville, Bel. Con.

7:45 a.m.-1 a.m., Su. 9 a.m.-11:15 p.m.
7 a.m.-1:30 p.m., 4-8:30 p.m.
4-9 p.m.

6017 HI3U Santiago, Dominican Rep.

5:55-7:45 a.m., 1:55-2:45 p.m.
7:10-8:5 a.m., 11:40 a.m.-1:40 p.m.,
4:40-6:40 p.m., Su. 12:30-2 p.m.,
5-6 p.m.

HJCX Bogota, Colombia

9-11:30 p.m.

6020 DJC Berlin, Germany
XEUW Vera Cruz, Mexico

daily to many continents

6030 CFVJ Calgary, Alberta
RV96 Moscow, U.S.S.R.

7 a.m. to 1 a.m.

CR7AA Lourenzo Marques,
Mozambique

10 a.m.-2 p.m.

DXP Berlin, Germany

1-7 p.m., 8:30-9 p.m.

4:50-7:30 p.m., 8-11 p.m.,
11:05 pm.-1 a.m.

XEKW Mexico City, Mexico

late evenings

6033 HP5B Panama City, Panama

10:30 a.m.-2 p.m., 6-10 p.m.

6040 WRUL Boston, Mass.

5:30-8:30 p.m., Su. 2-9 p.m.

6045 XETW Tampico, Mexico

7 p.m.-1 a.m.

6050 GSA London, Gt. Britain

variable schedule

HP5F Colon, Panama

7-9 p.m.

OAX6A Arequipa, Peru

9:45-10:30 p.m.

6055 HJFA Pereira, Colombia

9 a.m.-noon, 6:30-10 p.m.

6060 WCAB Philadelphia, Pa.

5:15-6 p.m., 6:05-7:53 p.m.

WLWO Cincinnati, Ohio

YDD Bandoeng, Java

at 5:30 a.m.

6070 CFRX Toronto, Ont.

7 a.m.-12:30 a.m., Su. 10 a.m.-11 p.m.

6075 GRR London, Gt. Britain

1 a.m.-6 p.m. "Home Service"

6080 CKFX Vancouver, B. C.

6-9 p.m.

CRY9 Macao (nr. China coast)

Mo. at 7 a.m.

6085 VUD3 Delhi, India

11:15-11:45 a.m.

6090 CRUX Toronto, Ont.

6:45 a.m.-4 p.m., Su. 9:30 a.m.-11 p.m.

KZRH Manila, Philippines

4-11 a.m.

XEBP Jalapa, Mexico

8-9:30 p.m.

ZBW2 Hong Kong

ZNS2 Nassau, Bahamas

8-9 a.m., 3-4 p.m., 7-9 p.m.

6095 JZH Tokyo, Japan

6097 ZRJ Johannesburg, U. of So.
Africa

3-7 a.m.

6100 WNBI New York, N. Y.

8:45 p.m.-1 a.m.

KZRC Cebu City, Philippines

7-8 a.m.

6110 CP2 La Paz, Bolivia

4 p.m. to midnight

GSL London, Gt. Britain

9:30-11:35 p.m.

XEGW Mexico City, Mexico

11 p.m.-1 a.m.

- 6112 HI6H Trujillo, Domin. Rep. 5-8:30 p.m.
6115 Khabarovsk*, U.S.S.R. 6:30-7:30 a.m., 4:30-6 p.m.
6116 Saigon, Fr. Indio China 12:15-12:45 a.m., 6-10:15 a.m.
6117 XEUZ Mexico City, Mexico 9 a.m.-1 p.m., 7 p.m.-2 a.m.
6120 WCBX New York, N. Y. 10 p.m.-mid.
6122 HP5H Panama City, aPnama 6-10:30 p.m.
6125 MTCY Hsingking, Manchukuo 7:30-9:30 a.m.
6130 CHNX Halifax, N. S. 6:45 a.m.-11:15 p.m., Sa. 7 a.m.-11:15 p.m., Su. noon-11 p.m.
HS4PJ Bangkok, Thailand 8-10 a.m.
TIEM San Jose, Costa Rica 11 a.m.-11 p.m., Su. 10 a.m.-10 p.m.
VLW Perth, Australia
VP3BG Georgetown, B. Guiana 6-6:30 a.m., 10:45-11:30 a.m., 2:15-2:45 p.m., 3:40-7:15 p.m.
- 6135 FK8AA Noumes, New Caledonia 2:30-3:30 a.m.
6137 CR7AA Lourenzo Marques, Mozambique mid.-1 a.m., 4:30-6:30 a.m., S. 5-7 a.m., 10 a.m.-1:15 p.m.
6140 OQ2AA Leopoldville, Belgian Congo Su. 5:30-7 a.m.
KZRF Manila, Philippines 4:30-11 a.m.
6145 GRW London, Gt. Britain BBC Home Service at 8:15 p.m.
6148 ZRD Durban, U. of So. Africa 12:45-2:45 a.m.
HJDE Medellin, Colombia 9:30 a.m.-1 p.m., 5-11:30 p.m.
YSW San Salvador, El Salvador 7-9:15 p.m.
6152 HI5N Moca, Dominican Rep. 6:40-9:10 p.m.
6150 CJRO Winnipeg, Manitoba 3:30 p.m.-1:30 p.m.
6155 EQS Iran*
...., Switzerland* "Radio Suisse", 4-4:30 p.m.
- 6160 CBFV Vercheres, P. Q. 6:30 a.m.-11 p.m.
HJCD Ueuva Granada, Colom. until 11:30 p.m.
6165 HER-3 Schwarzenberg, Switz. 11:35-12:40 a.m.
6170 WCBX New York, N. Y. mid.-2 a.m.
ZHP-2 Singapore, St. Settlements 6:30-9:30 a.m.
- 6180 LRA-2 Buenos Aires, Argentina 6-9 p.m., Sa., Su., 7-9 p.m.
XEXA Mexico City, Mexico 8-11 a.m., 2:30-4 p.m., 7:30 p.m.-12:45 a.m.
6185 TIRCC San Jose, Costa Rica Tu., Th., Sa. 6-7 p.m., Su. 8-10 p.m.
6190 HI1A Santiago, Domin. Rep. 10:40 a.m.-1:0 p.m., 6:40-9:40 p.m.
HVJ Vatican City Su. 8:30-9 a.m., Su., We., 9-10:30 p.m.
KGEI San Francisco, Calif. mid.-3 a.m.
WGEA Schenectady, N. Y. until 11 p.m.
.... Saigon, Fr. Indo-China "Radio Saigon" 6-7:30 a.m.
- 6193 TG2 Guatamala City, Guat. 7:30-10 a.m., 6-11:30 p.m.
6195 HI2D Trujillo, Domin. Rep. 5:10-7:10 p.m.
6200 CP5 La Paz, Bolivia 6:30-11 p.m.
CS2WD Lisbon, Portugal 3-6 p.m.
HI8Q Trujillo, Domin. Rep. after 11 p.m.
- 6205 OAX3A Huanuco, Peru 8-11 p.m., Sa. 8 p.m.-1 a.m., Su. 4-6 p.m.
6233 HRD La Ceiba, Honduras 5:10-10:10 p.m.
6245 HI1N Trujillo, Domin. Rep. 7-9 p.m.
6255 CPI2 La Paz, Bolivia 6:40-8:40 a.m., 11:40 a.m.-2:10 p.m., 3:40-9:40 p.m.
6280 HI1G Trujillo, Domin. Rep. 6 p.m.-midnight
- 6300 OAX4G Lima, Peru

- 6310 HI1Z Trujillo, Domin. Rep. 11:40-a.m.-12:40 p.m., 5:10-7:40 p.m.,
ex. Su.
- 6330 COCW Havana, Cuba 7:55 a.m.-12:15 a.m., Su. on 9:55 a.m.
- 6335 OAX1A Ica, Peru 8-11 p.m.
- 6340 HI1X Trujillo, Domin. Rep. 8:10-10:10 p.m., Su. 7:40-9:40 a.m.
- 6345 HH3W Port-au-Prince, Haiti 7-9 p.m., Su. 5-8 p.m.
- 6380 TIWS Puntarenas, Costa Rica 5-7, 7:30-10 p.m., Su.5-6 p.m.
- 6384 ZIZ Basseterre, St. Kitts 4-4:45 p.m., We. 7-7:30 p.m.
- 6395 HI9B Santiago, Domin. Rep. 7:40-8:40 p.m.
- 6396 COX-7 Havana, Cuba 2-3, 6-10:30 p.m., Fr. 8-11 p.m.,
Sa. 8 p.m.-1 a.m., Su. 7:30 a.m.-3 p.m.
- 6400 TGQA Quetzaltenango, Guat. Mo. only
- 6430 HI1S Santiago, Domin. Rep. 5:40-9:10 p.m., ex. Su.
- 6455 COHI Santa Clara, Cuba 6:42 a.m.-12:15 a.m.
- 6480 TGWB Kuatamala City, Guat. 7:45-9 a.m., 12:45-3:45 p.m.,
& 7:30 p.m.-12:15 a.m.
- 6500 HILLSantiago, Domin. Rep. 5:30-9:30 p.m., ex. Su.
- 6540 YN-GG Managua, Nicaragua 1-2:30, 8-10 p.m.
- TIRCC San Jose, Costa Rica Noon-2 p.m., 6-7 p.m., Th. 6-11 p.m.,
Su., 11 a.m.-2 p.m., 6-9 p.m.
- 6558 HI4D Trujillo, Dominican Rep. 12:30-2, 6-8 p.m.
- 6565 HI5P Puerto Plata, Domin. Rep. evenings.
- 6575 YSPB San Salvador, El Salvador 5:40-7:40, 9:40-11:40 p.m.
- 6610 YNLG Managua, Nicaragua 1:30-2:30, 6-10:15 p.m.
- 6630 HIT Trujillo, Dominican Rep. 12:40-1:40 p.m., 4:40-8:40 p.m.,
Sa. 10:40 p.m.-12:40 a.m.
- 6635 HC2RL Guyaquil, Ecuador Su. 5:45-7:45 p.m., Tu. 9:15-11:15 p.m.
- 6675 HBQ Geneva, Switzerland Su. 1:45-2:45 p.m.
- 6695 TIEP San Jose, Costa Rica 7 p.m.-mid.
- 6720 PMH Bandoeng, Java 4:30-11:30 a.m., Sa. 8:30 p.m.-1 a.m.
- 6730 HI3C La Romana, Domin. Rep. 4:55-8 p.m.
- 6800 PZH Paramaribo, Suriname Su. 8:40-10:40 a.m., Tu. & Fr. 5:40-
8:40 p.m.
- 6810 HIH San Pedro, Domin. Rep. 7-9:40 p.m., Su. 5:20-6:40 p.m.
- LRA2 Buenos Aires, Argentina 6-9 p.m.
- 6847 YNOP Managua, Nicaragua 8-9:30 p.m., Su. 2-3 p.m.
- 6850 YNOW Managua, Nicaragua 8-10:10 p.m.
- 6900 HI6H Trujillo, Dominican Rep. 7:40-8:40 p.m.
- 7000 kcs. band**
- 7010 XPSA Kweiyang, China 5:30-11a.m., 5-6 p.m.
- 7065 GRS London, Gt. Britain BBC Home Service, heard 1 a.m.
- 7090 Tangiers, Africa "Radio Falange" at 1 p.m.
- 7100 FO8AA Papeete, Tahiti Tu. & Fr. 11 p.m.-mid.
- 7150 GRT London, Gt. Britain BBC Home Service—till 10:15 p.m.
- 7170 CR6AA Lobito, Angola Mo., We. & Sa. 2:45-4:30 p.m.
- 7210 Salisbury, So. Rhodesia 9:30-11 p.m.
- VUC2 Calcutta, India 8-10 p.m.
- 7220 I2RO-11 Rome, Italy 9:30-11:30 p.m.
- 7230 GSW London, Gt. Britain 6:30-9:40 a.m.
- 7240 VUB2 Bombay, India 10:30 p.m.-2 a.m., Sa. 1:30-2 a.m.
- 7250 ZHP3 Singapore, St. Settlements 2-4 p.m.
- YDA Tandjonkpriok, Java
- 7258 JVW Tokyo, Japan

7260 CSW8 Lisbon, Portugal GSU London, Gt. Britain	Tu., Th., Sa., 5-6 p.m.
7270 DXM Berlin, Germany	
7290 DJI Berlin, Germany VUD-2 Delhi, India	5-5:15 a.m. 9:30 p.m.-mid.
7295 JIE Taiwan	9-10:30 a.m.
7310 I2RO19 Rome, Italy	8-10:30 p.m.
7380 XECR Mexico City, Mexico	Su. 6-7 p.m.
7410 HCB4 Quito, Ecuador	7-9:30 p.m.
7440 EG8AA Pointe-a-Pitre, Guade.	6-7 p.m., Su. 9:30-11 a.m.
7450 TI2RS San Jose, Costa Rica	7-11 p.m.
7490 YN2FT Granada, Nicaragua	8-10 p.m.
7520 KKH Kahuku, Hawaii RKI Moscow, U.S.S.R.	Sa., Su. 8:30-9 p.m. 7-8 p.m.
7620 YNLAT Granada, Nicaragua	8-10:15 p.m.
7660 YNDG Leon, Nicaragua	8:30-9:30 p.m.
7797 HBP Geneva, Switzerland	
7854 HC2JSB Guyaquil, Ecuador	11 a.m.-2 p.m., 4-11 p.m.
7865 SUX Cairo, Egypt	12:30-1:30 p.m., also at 7 p.m.
7894 YSD San Salvador, El Salvador	7-10:30 p.m.
7930 PSL Rio de Janeiro, Brazil	6-7:05 p.m.
7968 HSP6 Bangkok, Thailand	7-11 a.m.
8000 kcs. band	
8030 FXE Beirut, Lebanon	"Radio Levant" 12-12:30 a.m.
8200 PSK Rio de Janeiro, Brazil	5:45-7 p.m.
8480 XPSA Kweiyang, China	at 4:00 a.m.*
8580 YNPR Managua, Nicaragua	7:45-10:30 p.m.
8585 YNRS Managua, Nicaragua	until 10:45 p.m.
8700 COCO Havana, Cuba	7:50 a.m.-12:50 a.m.
8830 COCQ Havana, Cuba	7:30 a.m.-mid.
8960 TPZ2 Algiers, Algeria COKG Santiago, Cuba	1:30-2:30 p.m., 4-6 p.m. 5-9:50 p.m.
9000 kcs. band	
9030 COBZ Havana, Cuba	7:45 a.m.-mid., Su. 7:45 a.m.-1 a.m.
9045 . . . Syria*	"France Libre d'Orient" at 9:30 a.m.*
9125 HAT4 Budapest, Hungary	7-8:0 p.m., Sa. 6-7:30 p.m.
9190 HC2ET Guyaquil, Ecuador	8-10 p.m., Su. 8:30-10:30 p.m.
9200 COCX Havana, Cuba	8 a.m.-mid.
9230 COCY Havana, Cuba	noon-midnight
9285 HBL Geneva, Switzerland	Mo., We. 8:45-10:15 p.m.
9295 HI2G Trujillo, Dominican-Rep.	6:40-8:40 a.m., 11:40 a.m.-2:10 p.m., 3:40-4:40 p.m.
9340 OAX4J Lima, Peru	Noon-3 p.m., 5 p.m.-mid.
9375 COBA Havana, Cuba	7 a.m.-mid., Su. 7 a.m.-10:30 p.m.
9380 HC2AK Quito, Ecuador	Sa. 8-11 p.m.
9395 . . . Dakar, Fr. West Africa	3:15-4 p.m.
9440 OAX5C Ica, Peru COCH Havana, Cuba	7-11:30 a.m. 6:40 a.m.-mid.
9445 HCODA Guyaquil, Ecuador	8:15-10:15 p.m., ex. Su.
9448 YUG Belgrade, Yugoslavia	12-12:45 a.m.
9450 GRU London, Gt. Britain OAX6D Arequipa, Peru	evenings
9465 TAP Ankara, Turkey	9-10 a.m.

- 9475 VONG St. Johns, Nfld. 9 a.m.-2 p.m.
 9492 KZIB Manila, Philippines 10 a.m. and 6-11 p.m.
 9500 OFD Helsinki, Finland 1:15 p.m.*
 XEWX Mexico City, Mexico 7:45 a.m.-12:45 a.m.
 XGOY Chungking, China around 7 a.m.*
 9505 CP-2 La Paz, Bolivia 4 p.m.-mid.
 JLG2 Tokyo, Japan 2-5:30 p.m.
 YUD Belgrade, Yugoslavia 11:20 a.m.-4:30 p.m., 8-9 p.m.
 9510 GSB London, Gt. Britain 9:45-11:35 p.m., mid.-3:15 a.m.*
 HS8PJ Bangkok, Thailand 7-10 a.m., ex. Mo.
 9517 XEDQ Guadalajara, Mexico 1 p.m.-mid.
 9520 RV96 Moscow, U.S.S.R. 10-11 a.m.
 9523 ZRG Roberts Heights, S. A. 5:15-9, 11 a.m.-noon, Su. 6-9 a.m.,
 10:40 a.m.-1:30 p.m.
 9525 DXY* Berlin, Germany daytimes*
 ZBW3 Hongkong, China 5-10 a.m., 11:30 p.m.-1:15 a.m.,
 Su. 5-9:30 a.m.
 9530 WGEO Schenectady, N. Y. 3-6 p.m., 6-11:45 p.m.
 9535 JZI Tokyo, Japan 7:30-8:30 p.m.
 9538 VPD2 Suva, Fiji Islands 5:30-7 a p.m., ex. Su.
 9540 DJN Berlin, Germany 12:05-2:30, 9:3-11 a.m., 4:55-10:50 p.m.
 9545 MTCY Hsingking, Manchukuo at 10 a.m.*
 9550 OQ2AA Leopoldville, Belg. Con. 5:55-7:45 a.m. & 1:55-2:45 p.m.
 VUB-2 Bombay, India 2-3:55 a.m. a.m.
 WGEA Schenectady, N. Y. 6:15-9:15 p.m.
 YDB Soerabaja, Java at 10:30 a.m.1
 HVJ Vatican City Su. 5-5:30 p.m., 8:30-9:45 p.m.,
 We. 2:30-3 p.m., Th. 8:30-9:45 p.m.
 9556 OAX4T Lima, Peru 7-8, 11:30 a.m.-1:30 p.m.
 XEFT Vera Cruz, Mexico 7:30 p.m.-mid.
 9560 XEFA Monterrey, Mexico 10 a.m.-midnight
 VLW2 Perth, Australia 8:10-9:45 a.m., 1-1:45 p.m.
 9565 ... Khabarovsk, U.S.S.R. 6:30-7:30 a.m., 4:30-6 p.m.
 9570 CXA2 Montevideo, Uruguay 11 a.m.-4 p.m., 4:30-9:30 p.m.
 KZRM Manila, Philippines 4:25-10:30 a.m., ex. Su.
 VUM2 Madras, India 3-4:30 a.m.
 WBOS Boston, Mass. evenings
 9580 GSC London, Gt. Britain 2:30-5:25 p.m., 5:43-11:35 p.m.
 VLR Melbourne, Australia 2:30-9, 9-9:30 a.m.
 9590 WLWO Cincinnati, Ohio 1-3:30 a.m.
 VUD2 Delhi, India 6:30-11 a.m.
 VUD3 Delhi, India 12:30-4:30 p.m., 5-6 p.m.
 9595 ... Athlone, Ireland 8-11:30 p.m.
 9600 CB96O Santiago, Chile 2:30-5:25 p.m.
 GRY London, Gt. Britain 3-7 a.m., 8:30-9 p.m.
 RAN Moscow, U.S.S.R. 7-8 a.m., noon-1:30 p.m., 6:30-10:30 p.m.
 9607 HP5J Panama City, Panama 7 p.m.-1 a.m.
 9610 DXB Berlin, Germany 2-2:30 a.m., 3:25-4:25 a.m., 2-3:30 p.m.
 9615 VLO Sydney, Australia 7-9:30 a.m., 12-2, 6-11:30 p.m.
 9620 TIPG San Jose, Costa Rica afternoon and early evening
 Y Paris, France 10:30 a.m.-1:30 p.m., 3:30-9:30 p.m.
 9625 CXA6 Montevideo, Uruguay 6-11 p.m.
 9630 HJCT Bogota, Colombia 1-2 a.m., 12:07-2:35 p.m., 4:15-4:45
 I2RO3 Rome, Italy and 6-9 p.m.

JJFO Taihoku, Taiwan	4-10:30 a.m.
9635 KZRH Manila, Philippines	4-11 a.m.
9636 VPD-2 Spva, Fiji Islands	12-12:30 a.m.. 3:30-8 a.m.
9640 CXA-8 Colonia, Uruguay	5 a.m.-10:45 p.m., Sa. to 1 a.m.
9645 LLH Oslo, Norway	9-10 p.m.
XGOY Szechwan, China	1-3, 8-9:30 a.m.
9650 CR7BE Lourenzo Marques, Mozambique	7-8 a.m., 2-3 p.m.
ØJW Berlin, Germany	3:15-4:30 a.m.
HVJ Vatican City	Su. 5-5:30 a.m., 8:30-9:45 p.m., Th. 8:30-9:45 p.m.
WCBX New York, N. Y.	3-5 p.m.
9660 LRX Buenos Aires, Argentina	5:30-6:45 a.m., 10:15 a.m.-11 p.m.
HHBM Port-au-Prince, Haiti	7-8:30 a.m.
9665 . . . * Rome, Italy	1-6:30 and 7-9:30 p.m.
9670 WRCA New York, N. Y.	4 p.m.-1 a.m.
9675 I2RO-18 Rome, Italy	8-10:30 p.m.
DJX Vienna, Germany	10:40 a.m.-4:25 p.m.
. . . . Saigon, Fr. Indo China	7:30-9:45 a.m.
9680 VLQ5 Sydney, Australia	7:20-8:05 a.m.
XEQQ Mexico City, Mexico	5 p.m.-1 a.m.
9685 TGWA Guatamala City, Guat.	10 p.m.-12:15 a.m., Su. 7 p.m.-mid.
9690 LRA-1 Guenos Aires, Argentina	10:30 a.m.-1 p.m., 2:30-3:30 p.m. 4-9 pm.
GRX London, Gt. Britain	till 9:40 a.m.*
ZHP1 Singapore, St. Settle- ments	at 9:30 a.m.*
9695 JIE3 Tyureki, Taiwan	Tu., Th., Sa. 9-10 p.m., Su. 7-8 p.m.
9696 TI4NRH Heredia, Costa Rica	6-8:10 p.m.
9703 Fort de France, Martinique	2-4 p.m.
9710 CR7BE Lourenzo Marques, Mozambique	7-11 p.m.
HJCF Bogota, Colombia	around 7 a.m.*
9720 XGOA Chungking, China	7 a.m.-11:30 p.m.
9730 CB970 Valparaiso, Chile	7-9 a.m.
HJFK Pereira, Colombia	Tu., Th., Sa. 3:40-4 p.m., daily
9740 CSW7 Lisbon, Portugal	4-5:30 p.m., 5:45-8 p.m.
9760 I2RO18 Rome, Italy	9-10:30 p.m.
9775 ZRO	2:40-4 p.m.
9780 HNF Baghdad, Iraq	evenings*
9810 HJAG Barranquilla, Colombia	5:20-5:40 a.m., noon-12:25 p.m., 1:50-2:30 p.m., 6-7:25 p.m.
9815 IRF Rome, Italy	8 a.m.-mid.
9825 COCM Havana, Cuba	5-7:30 p.m., 7:45-8:50 p.m., 8:50-11 p.m.
9855 EAQ Madrid, Svain	11 a.m.-noon, 7-9 p.m.
9892 CP1 Sucre, Bolivia	7-8 a.m.
9925 JDY Dairen, Manchukuo	Not heard since German occupation
9935 SVM Athens, Greece	6 a.m.-midnight.
9985 COBC Havana, Cuba	
10000 kcs. band	
10035 DZB Prague, Bohemia	at 2:45 p.m.*
10040 XOZS, China*	6-9:30 a.m.
10050 SUV Cairo, Egypt	12:30-1:30 p.m.
10135 HH3W Port-au-Prince, Haiti	1-2, 7-9 p.m.

10140 OPM Leopoldville, Belg. Con.	1:40-2:45 p.m.
10220 PSH Rio de Janeiro, Brazil	6-7 p.m., Mo. 8-8:30 p.m., Fr. 7-7:30 p.m.
10260 PMN Batavia, Java	9:45-10 a.m.
10290 DZC Berlin, Germany	8:30-10 p.m.
10350 LSX Buenos Aires, Argentina	
10400 YSPA San Salvador, El Salvador	6:30-11 p.m.
10540 DZD Berlin, Germany	4:30-4:45 p.m., 8-11 p.m.
10660 JVN Tokyo, Japan	1:50-7:40 a.m.
10660 ZIK2 Belizé, Br. Honduras	Tu., Th., Sa. 1:30-2, 8:30-9 p.m.
10680 PLQ Bandoeng, Java	at 7 a.m.*
10950 FIQA Tananrive, Madagascar	12:30-12:45 a.m., 10-11 a.m., 2:30-4 p.m.
10953 CR6RB Benguela, Angola	2:30-3:30 p.m.
11000 kcs. band	
11000 PLP Bandoeng, Java	6-9 p.m., 10:30 p.m.-2 a.m., 4:30-11 a.m.
11040 CSW6 Lisbon, Portugal	12-3:30 p.m., Su. 10 a.m.-5:30 p.m.
11400 CJRX Winnipeg, Man.	4-8:30 p.m.
11402 HBO Geneva, Switzeralnd	Mo. 12:45-2:12 p.m., Sa. to 3 p.m.
11500 CLB-11 Havana, Cuba	evenings*
11600 PLN Bandoeng, Java	at 7 a.m.*
11619 COK Havana, Cuba	noon to midnight
11650 XGOK Canton, China	7-9 a.m.
11700 CB1170 Santiago, Chile	10 a.m.-2 p.m., 3:30 p.m.-mid.
HP5A Panama City, Panama	7-10:40 a.m., 5-10:45 p.m., Su. 6-10:45 p.m.
IQY Rome, Italy	5:20-5:40 a.m., 1:50-2:30 p.m.
11705 CXA-19 Colonia, Uruguay	evenings
SBP Stockholm, Sweden	3-4:30, 8-9 p.m.
11710, Saigon, Fr. Indo China	7:30-9:45 a.m.
WLWO Cincinnati, Ohio	afternoons*
11715 HSP5 Bangkok, Thailand	8:58-10 a.m.
11718 CR7BH Lourenzo Marques, Mozambique	12-1 a.m., 4:30-6:30, 9:30-11 a.m., 12-4 p.m., Su. 4-7 a.m., 10 am.-2 p.m.
11720 ZP14 Villarica, Paraguay	Mo. to Fr. 4-8 p.m., Sa., Su. 11 am.- 6 p.m.
11725 JVV3 Tokyo, Japan	7:30-8:30 p.m.
11730 OQ2AA Leopoldville, Belgian Congo	5:55-7:15 a.m. & 1:55-2:45 p.m.
WRUL Boston, Mass.	5:20-8:30 p.m., 8:45-10 p.m., Su. 2-8 p.m.
11740 HVJ Vatican City	2-5:55 p.m., We. 9:30 p.m.
CB1174 Santiago, Chile	6-11 p.m., Su. 6-10:30 p.m.
CR6RC Loanda, Angola	6:30-7:45 a.m., Tu., We., Sat. at 3:30 p.m., Su. 12:30-1 p.m.
11750 GSD London, Gt. Britain	9-11:30 a.m., 11:55 a.m.-3:45 p.m., 5:42-9 p.m., 9:45-11:35 p.m., 11:57 p.m.-3:1 a.m.
11760 I2RO15 Rome, Italy	11:40 a.m.-2:40 p.m., 3-3:30 p.m., 5:30-6 p.m.
VLR8 Melbourne, Australia	at 3:30 a.m.*
TGWA Guatamala City, Guat.	10-11:30 p.m., Su. 6-11:30 p.m.
11770 DJD Berlin, Germany	4:45-7:30 p.m., (8-11 p.m.

ZTE Duban, U. of So. Africa	3:30-11:45 a.m., Su. 3:55-11:45 a.m., 11:45 p.m.-2 a.m.
11775 MTCY Hsingking, Manchukuo	1:30-2:20 a.m., 9:50-10:55 a.m., 4-4:50 p.m.
11780, Saigon, Fr. Indo China	10:30-11 a.m.
HP5G Panama City, Panama	Noon-1 p.m., 6-10 p.m.
OFE Helsinki, Finland	at 1:15 p.m.*
11790 WRUL Boston, Mass.	Sa. 2-5 p.m.
11800 JZI Tokyo, Japan	2-5:30 p.m.
XGOK Canton, China	6-8:30 a.m.
DJZ Berlin, Germany	3:30-4 p.m.
11810 I2RO4 Rome, Italy	4:30-9 a.m., 10 a.m.-2 p.m., 6-7:25 p.m., 7:30-9 p.m.
11815 JVZ Tokyo, Japan	8-9 p.m.
11820 GSN London, Gt. Britain	5:40-11:35 p.m.
11825 CXA14 Colonia, Uruguay	3:30-9:20 p.m.
11826 XEBR Hermosillo, Mexico	10 a.m.-4 p.m., 8-10:30 p.m.
11830 LRA-5 Buenos Aires, Argentina	4-4:30 p.m.
11830 VUD4 Delhi, India	9:05 p.m.-mid., 1-4:25 a.m., 6:30 a.m.- 12:15 p.m.
VLW3 Perth, W. Africa	1-5 a.m.
WCBX New York, N. Y.	12:30-2:30 p.m., 5:30-10:30 p.m.
11840 VLR7 Melbourne, Australia	at midnight*
CSW Lisbon, Portugal	11:30 a.m.-1:30 p.m.
11850 VLR3 Melbourne, Australia	3:30 p.m.-2:15 a.m., 6:55-7 a.m.
11855 XMHA Shanghai, China	11 p.m.-1 a.m., 5-11 a.m.
DJP Berlin, Germany	12:05-2 a.m., 4:50-10:50 p.m.
11860 GSE London, Gt. Britain	5:45-11:30 a.m., 6:25-9:15 p.m.
11870 WBOS Boston, Mass.	afternoons*
VLQ2 Sydney, Australia	4:0-7:1 a.m., 8:10-9:45 a.m., 1:10-1:45 p.m.
11880 JZJ Tokyo, Japan	12-1:30 a.m., 7-9:30 a.m., 2-4 p.m.
COGF Matanzas, Cuba	9 a.m.-11:30 p.m.
VLQ7 Sydney, Australia	12:55 a.m.-1:45 p.m., 10:25-11:10 a.m., 2-2:30 p.m., 3:25-4 p.m., 4:55-5:45 p.m.
11890 WNBI New York, N. Y.	evenings*
11900 XEWI Mexico City, Mexico	Mo., We., Fr. 3-4 p.m., 9 p.m.-mid., Sa. 9 p.m.-mid., Su. 12:30-2 p.m.
11900 XGOY Szechwan, China	5:30-11:50 a.m., 2-6:20 p.m.
11910 CB-1190 Valdivia, Chile	10 a.m.-1 p.m., 5-10:30 p.m.
11920, ? , Italy *	"Radio Italia" 2-2:50 p.m., 4-4:30 p.m., 6-6:28 p.m.
11940, Rabat, Morocco	"Radio Maroc" off 3 p.m.*
11945 CB1180 Santiago, Chile	7-8 a.m., 4:50-11 p.m.
11965, Geneva, Switzerland	"Radio Suisse" at 3 p.m.*
11970 H12X Trujillo, Dominican Rep.	Tu., Fr. 8:10-10:10 p.m., Su. 7:40- 9:40 a.m.
., Brazzeville, Fr. Eq. Africa	"Radio Brazzeville" 2:30-4 p.m., 10-11 p.m.
12000 kcs. band	
12000 RNE Moscow, U.S.S.R.	7-9 p.m., 9-11 a.m.
12030 XGRS Shanghai, China	7 p.m.*
12040 GRV London, Gt. Britain	Noon-1 p.m.

12115 ZNR Aden, Arabia	2-6 p.m.
12120 TPZ Algiers, Algeria	testing irreg.
12300 CBFW Vercheres, P. Q.	5:30-7:30 p.m.
12310 VOFB St. Johns, Nfld.	7-8:15 a.m., 11:30 a.m.-2:30 p.m.,
12450 HCJB Quito, Ecuador	5-10:30 p.m.
13000 kcs. band	
13900 YNDG Leon, Nicaragua	Su. 12:30-1 p.m.
14000 kcs. band	
14535 HBJ Geneva, Switzerland	Su. 2:50 p.m.*
14460 DZH Berlin, Germany	7-10:50 p.m.
14600 JVH Tokyo, Japan	4-8 a.m.
14630 PLH Bandoeng, Java	7-9 a.m.
14635 HBJ Geneva, Switzerland	We. 6:45-8:15 p.m., 8:40-10:15 p.m.
14680 CMB-4 Havana, Cuba	Testing
14690 PSF Rio de Janeiro, Brazil	6-7:05 p.m.
14795 IQA Rome, Italy	4:30-5 a.m.
14920 KQH Kahoku, Hawaii	Sa. 8:30-9 p.m., Su. 9:30 p.m.*
14940 PSE Rio de Janeiro, Brazil	6-7 p.m., Th. 3-3:30 p.m.
15000 kcs. band	
15040 RKI Moscow, U.S.S.R.	7-8:30 p.m., 8:30-9 p.m.
15100 EPB Iran *	until 5:30 a.m.
15105 JLG-4 Tokyo, Japan	8-10 p.m.
15110 DJL Berlin, Germany	12-2 a.m., 10:40 a.m.-4:25 p.m.
15120 CSW-4 Lisbon, Portugal	7-9 a.m.
....., Athlone, Ireland	"Radio Eiran" 12:30-1 p.m.
HVJ Vatican City	Tu. 8:30-9 a.m., 10-10:30 a.m.,
	Su. 1-1:30 p.m., We. 8:30-9 p.m.
15130 WRUW Boston, Mass.	2-5 p.m., 8:45-10:30 p.m., Su. 1-1:30
	p.m., We. 8:30-9 p.m.
15135JLU-3 Tokyo, Japan	8-9:30 a.m.
VLQ Sydney, Australia	8-8:30 p.m.
15140 GSF London, Gt. Britain	9-11:30 a.m., 11:55 a.m.-5:25 p.m.,
	11:57 p.m.-3:15 a.m.
15150 WNBI New York, N. Y.	
YDC Soerabaja, Java	6:30 a.m.
15155 SBT Motala, Sweden	1-4:30 p.m., 8-9 p.m.
15160 DXS Berlin, Germany	till 10:45 a.m.
JZK Tokyo, Japan	8-10 p.m.
XEWW Mexico City, Mexico	Noon-mid.
15165 CP43 Tupiza, Bolivia	6-9:30 p.m.
15170 TGWA Guatemala City, Guat.	12:45-1:45 p.m., Su. 1:45-5:15 p.m.
15175 OQ2AA Leopoldville, Bel. Con.	1:55-2:15 p.m., 5:55-7:15 a.m.
15180 RV96 Moscow, U.S.S.R.	12:40-1 p.m.
GSU London, Gt. Britain	
15190 OIE Helsinki, Finland	1:15 p.m.*
XGOX Szechwan, China	8:30-9:30 p.m., 10-11:05 p.m.
15195 TAQ Ankara, Turkey	6-6:30 a.m.
15200 DJB Berlin, Germany	6-8:45 a.m., 11:30-11:45 a.m.,
	12:30-12:45 p.m.
15220 PCJ2 Amsterdam, Netherlands	
15240 YUF Belgrade, Yugoslavia	To South America
YUG Belgrade, Yugoslavia	To North America
CR7BD Lourenzo Marsues,	4:30-6:30 a.m., 9:30-11 a.m.,
Mozambique	Noon-4 p.m.

"Y" Paris, France
 15250 WRUL Boston, Mass.
 15260 GSI London, Gt. Britain
 15270 HI3X Trujillo, Dominican Rep.

WLWO Cincinnati, Ohio
 WCAB Philadelphia, Pa.
 15280 DJQ Berlin, Germany
 15290 VUD3 Delhi, India
 15290 LRU Buenos Aires, Argentina
 15300 I2RO-6 Rome, Italy
 15310 GSP London, Gt. Britain

15320 WRUL Boston, Mass.
 15325 JLT3 Toyko, Japan
 15330 WGE Schenectady, N. Y.
 15370 HAS3 Budapest, Hungary
 15410 RV96 Moscow, U.S.S.R.
 15430 DJR Berlin, Germany

6-6:15 a.m., noon-2 p.m.
 10-11 a.m., ex. Sa., Su.
 5:40-8:45 a.m., 9-11:30 a.m., 11:55 a.m.-
 5:25 p.m., 11:57 p.m.-3:15 a.m.
 Su. 8:10-10:10 p.m.,
 Tu. and Fr. 7:40-9:40 a.m.
 8-11 a.m.
 11 a.m.-1 p.m., 1:15-4:30 p.m.
 12:05-11:10 a.m.
 9:05 p.m.-mid., 1-4:25 a.m.
 8-10 a.m.
 Noon-1:15 p.m.
 5:40-7 a.m., 2:15-5:25 p.m.,
 1:15-3:15 a.m.
 9-10:30 p.m.
 till 5 p.m.
 Su. 9-10:30 a.m.
 5-7:30 a.m., 9-10:30 p.m.
 mid.-11 a.m., 5-10:50 p.m.

(Continued from page 23)

Union of South Africa

Klipheuvall—(RW): ZRL on 9615 kcs. is heard from 11:45 p. m. until as late as 1:30 a.m.... ZRL is now on its licensed frequency of 9606 kcs. since it is QRMed by GRY on 9600 kcs. at 10:10 p.m., according to IDA,

Uruguay

Colonia—(REW): CXA-19 "Radio Colonia" on 11705 kcs. is now being heard well consistently, especially after WLWO signs off at 7:45 p.m.

Montevideo—(RW): CXA-6 on 9625 kcs. has been heard around 8 p.m.

Montevideo—(RW): CXA-19 on 11710 kcs. have been relaying WGEA at 8 p.m. recently.

U. S. A.

San Francisco—(RE): Plans are being made to increase the power of KGEI from 20 to 50 kilowatts to carry American "Good Will" programs to Latin America.

Boston—(RE): WRUL on 11790 kcs. is now operating in conjunction with a new frequency—WRUL on 15370 kcs.—WRUL, using 15130 kcs. has a special program for SWL's on Wednesdays at 10:45 p.m.

New York—(RX): Latest WCBX schedule: 6120 kcs. (To Latin America) from 10:30 p.m. to midnight 9650 kcs. (To Europe) from 3-5 p.m., 11830 kcs. (To Europe) from 12:30-2:30 p.m. and (To Latin America) from 5:30-10 p.m., and 17830 kcs. (To Europe) from 7 a.m. to 12 noon.

Philadelphia—(RX): Latest WCAB schedule: 6060 kcs. (To Europe) from 5:15-6 p.m. (To Latin America) from 6:05-7:53 p.m., and (To Europe) from 8 p.m. to midnight; on 15270 kcs. (To Europe) from 11 a.m. to 1 p.m., and (To Latin America) from 1:15 p.m. to 4:30 p.m.

Schenectady—(RE): WGEA signs off on 6190 kcs. at 11 p.m. with "The Star Spangled Banner"... WGEA on 15330 kcs. signs off at 5 p.m. with the National Anthem, also.

U. S. S. R.

Moscow—(REW): The signals of RV-96 on 15180 kcs. are evidently beamed to North America from 10-11 a.m. daily as they are very well received in this country. RV-96 on 9520 kcs. is heard in parallel on this broadcast.

Moscow—(R5): Schedule of pro-

grams in English includes broadcasts at 6-7 p.m. on 9520 kcs., from 7-8 p.m. on 9600 kcs., 9550 kcs., and 9520 kcs., and from 9:30-10 p.m. on 9600 kcs., and 9520 kcs.

Khbarovsk—(RF): RV—, on 9565 kcs. has been putting in a strong signal into this country from 6-7:30 a.m.

Vatican City

Vatican City—(REF): HVJ on 6190 kcs., was used for awhile for the Sunday and Thursday programs to North America (8:30-8:50 p.m.) but HVJ on 11740 kcs. is now being used again. This station also uses 9660 kcs., and 15120 kcs., for special programs.

Venezuela

Caracas—(RE): YV5RW on 3960 kcs. has been heard when conditions have been favorable on this band.

THE MONTH'S CHANGE IN STATION DATA

New

- 580 WIAC San Juan, Puerto Rico
- 610 Charlotte, N. C.
- 680 WISR Butler, Pa.
- 880 YV5RO Caracas, Venezuela
- 920 WBBB Burlington, N. C.
- 1340 KROS Clinton, Iowa
- 1340 WEIM Fitchburg, Mass.
- 1340 WJMA Covington, Va.
- 130 Cedartown, Ga.
- 1400 WTZM Clarksville, Tenn.
- 1400 WSRR Stamford, Conn.
- 1430 Tacoma, Wash.
- 1450 WLAN Endicott, N. Y.
- 1460 Everett, Wash.
- 1490 WMSI Natchez, Miss.
- 1490 Tacoma, Wash.

Frequency

- 640 WNAD Norman, from 690
- 1300 YVIRA Maracaibo, from 1500

Power

- 570 WMCA New York City, 5000 from 1000(5)
- 790 YV5RB Caracas, 10000 from 2000

Network

- 980 WTRY Troy, new NBC Blue

Call Letters

- 1430 WBYN Brooklyn, from WARD

Owner

- 1340 WBRK Monroe B. England, Pittsfield.
- 1430 WBYN Unified Broadcasting Corp., Brooklyn.
- 1450 KNET Bonner Rizzell, Palestine.

Delete

- 1310 KHON Honolulu
- 1420 WODM St. Albans
- 1430 WBBC Brooklyn
- 1430 W.L.T.H. New York City
- 1430 W.V.F.W. Brooklyn
- 1450 WMWH Augusta

The Fourth Column Symbols

Responding to the requests of many readers for more information regarding the minor network affiliations of stations, we have revised our symbols to show all network classifications in the fourth column of the Broadcasting Station list by Frequencies. Networks are indicated by the following letters:

- A—Arizona Network
- B—NBC Blue Network.
- C—Columbia Broadcasting System.
- D—Colonial Network.
- E—Alabama Network.
- F—Canadian Broadcasting Corporation.
- G—California Radio System.
- H—North West Triangle.
- I—Inter-City Broadcasting System.
- J—ABC Network.
- M—Mutual Broadcasting System.
- N—National Broadcasting Co.
- O—RHC—Cadena Azul.
- Q—Quaker Network.
- R—NBC Red Network.
- S—New York Broadcasting System.
- T—Texas State Network.
- Y—Yankee Network.

Permit to Change Power

- 570 WKBN Youngstown, 5000 unlt.
- 570 WOSU Columbus, 5000 ltd.
- 570 WSYR Syracuse, 5000 unlt.
- 570 WWNC Asheville, 5000 unlt.
- 580 WTAG Worcester, 5000 unlt.
- 600 WCAO Baltimore, 5000 unlt.
- 620 WLBZ Bangor, 5000 unlt.
- 860 KTRB Modesto, 1000 unlt.
- 940 WMAZ Macon, 5000 unlt.
- 960 WELI New Haven, 500(1) unlt.
- 990 WNOX Knoxville, 10000 unlt.
- 1000 WINX New York City, 50000 unlt.
- 1050 WHN New York City, 50000 unlt.
- 1080 KWJJ Portland, 1000 unlt.
- 1110 WCBF Chicago, 10000 D.
- 1230 WABI Bangor, 5000 unlt.
- 1230 WCAX Burlington, 1000 unlt.
- 1230 WESK Salem, 250 unlt.
- 1230 WLOG Logan, 250 unlt.
- 1240 WSIX Nashville, 1000(5) unlt.
- 1300 KOL Seattle, 5000 unlt.
- 1320 KTRH Houston, 50000 unlt.
- 1320 WATR Waterbury, 1000 unlt.
- 1330 WEVD New York City, 5000 unlt.
- 1330 WHBL Sheboygan, 1000 unlt.
- 1340 KAND Corsicana, 250 unlt.
- 1340 KGEZ Kalispell, 250 unlt.
- 1340 WEXL Royal Oak, 250 unlt.
- 1340 WSGN Birmingham, 1000 unlt.
- 1390 KCRC Enid, 1000 unlt.
- 1390 WGES Chicago, 5000 unlt.
- 1450 KXL Portland, 10000 ltd.
- 1460 KSO Des Moines, 5000 unlt.
- 1470 KXYZ Houston, 5000 unlt.
- 1470 WSAN Allentown, 5000 unlt.
- 1510 WLAC Nashville, 50000 unlt.

Permit to Change Frequency

- 570 WOSU Columbus, to 820
- 1110 WCBF Chicago, to 820
- 1170 WAPI Birmingham, to 1070
- 1230 WABI Bangor, to 910
- 1230 WCAX Burlington, to 620
- 1240 WSIX Nashville, to 980
- 1320 KTRH Houston, to 740
- 1340 KGEZ Kalispell, to 1460
- 1340 WSGN Birmingham, to 610
- 1450 KXL Portland, to 750
- 1470 KXYZ Houston, to 1320

BROADCASTING STATIONS BY FREQUENCIES WITH NAMES OF OWNERS

KEY TO SYMBOLS

As Shown in the
Index by Frequencies

Frequencies are given in kilocycles per second, and wavelengths in meters. Night power is shown in watts in third column and daytime power is shown in parentheses in kilowatts. Thus: (25) indicates 250 watts. Exact frequencies, when not multiples of ten are shown in the second column.

- Second Column Symbols**
 A—Status in doubt.
 B—National "Blue" Network.
 C—Columbia Network.
 D—Daytime only.
 E—Minor Network.
 F—Canadian Network.
 G—Specified Hours.
 K—Licensed for facsimile.
 L—Limited time.
 M—Mutual Network.
 N—National "Red" and "Blue" Networks.
 O—RHC-Cadena Azul (Cuban Network)
 P—Has Construction Permit only.

- Q—Station not in use.
 R—National "Red" Network.
 S—Synchronized.
 Sx—Indicates a "Booster" (or amplifier, or satellite) station working with a larger station. The main station is indicated by S.
 X—Has Permit to change power.
 Y—Has Permit to change location.
 Z—Has Permit to change frequency.
 a-b-c—Small letters show stations using same transmitter.

- 1-2-3—Figures denote stations sharing time.
 ?—Reported but not officially confirmed.
 . . .—No information.
Fourth Column Symbols
 a—verifies for return postage.
 b—Verifies only occasionally.
 d—Verifies for government postal card.
 e—Verifies free.
 f—Verifies for 10 cents.
 g—Card for postage; veri stamp for 10c.
 z—No information available.

Please refer also to the opposite page

540 kcs. (552.2 m.)

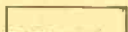
CBK F 5000



a Watrous, Sask., Canadian Brdctg. Corp.

550 kcs. (545.1 m.)

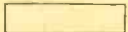
~~CFNB~~ F 1000
 CMW . . . N 2500
 KFYZ . . . N 5000
 KOAC . . . C 1000(5)
 KOY . . . C 1000
 KSD . . . R 1000(5)
 KTSA . . . C 1000(5)
~~WDEV~~ D 1000
 WGR CM 1000(5)
 WKRC M 1000(5)
~~WSVA~~ D 1000
 XERZ . . . D 250



a Fredericton, N. B., James S. Neill & Sons, Ltd.
 a Havana, Cuba, Troncoso y Gil
 a Bismarck, N. Dak., Meyer Brdctg. Co.
 a Corvallis, Ore., State Agricultural College
 a Phoenix, Ariz., Salt River Valley Brdctg. Co.
 g St. Louis, Mo., Pulitzer Pub. Co.
 a San Antonio, Tex., Sushine Brdctg. Co.
 a Waterbury, Vt., Radio Station WDEV
 a Buffalo, N. Y., Buffalo Brdctg. Corp.
 a Cincinnati, Ohio, Cincinnati Times-Star Co.
 a Harrisonburg, Va. Shenandoah Valley Brdctg. Corp.
 z Leon, Gto.

560 kcs. (535.4 m.)

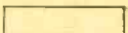
CJKL F 1000
 CMKM . . . D 250
 KFDM . . . D 1000
 KLZ . . . C 5000
 KSFO . . . C 1000(5)
 KWTO . . . D 5000
~~WFIL~~ . . . D 1000
~~WGAN~~ . . . C 5000
~~WIND~~ . . . D 5000
~~WIS~~ . . . N 5000
~~WOAM~~ . . . C 1000
~~XEOF~~ . . . D 1000



a Kirkland Lake, Ont., Northern Brdctg. Co. Ltd.
 a Manzanillo, Cuba, Raimudo Comas Soler.
 MTa Beaumont, Tex., Beaumont Brdctg. Corp.
 a Denver, Colo., KLZ Brdctg. Co.
 a San Francisco, Calif., Associated Broadcasters, Inc.
 a Springfield, Mo., Ozarks Brdctg. Co.
 BMQa Philadelphia, Pa., WFIL Brdctg. Co.
 a Portland, Me., Portland Brdctg. System, Inc.
 a Gary, Ind., Johnson-Kennedy Radio Corp.
 a Columbia, S. C., Liberty Life Ins. Co.
 a Miami, Fla., Miami Brdctg. Co.
 a Mexico City, D. F.

570 kcs. (526 m.)

CMHI O 10000
~~KGKO~~ N 5000
 KMTR . . . N 1000
 KUTA . . . N 1000
 KVI . . . C 5000
~~WKBN~~ G2X 500(1)
~~W.MAM~~ D 250
~~WMCA~~ . . . D 5000
~~WNAX~~ . . . C 5000
~~WOSU~~ XZ 1000
~~WSYR~~ X 1000
 WWNC X 1000



a Santa Clara, Cuba, RHC Cadena Azul
 a Fort Worth, Tex., KGKO Brdctg. Co.
 a Los Angeles, Calif., KMTR Radio Corp.
 a Salt Lake City Utah, Utah Brdctg. Co.
 a Tacoma, Wash., Puget Sound Brdctg. Co., Inc.
 Ca Youngstown, Ohio, WKBN Brdctg. Corp.
 z Marinette, Wis., M and M Brdctg. Co.
 Ia New York, N. Y., Knickerbocker Brdctg. Co., Inc.
 a Yankton, S. Dak., WNAX Brdctg. Co.
 a Columbus, Ohio, Ohio State University
 BSa Syracuse, N. Y., Central New York Brdctg. Corp.
 Ca Asheville, N. C., Asheville Citizen-Times Co., Inc.

BROADCASTING STATIONS BY FREQUENCIES

580 kcs. (516.9 m.)

CKCL	F	1000	a	Toronto Ont., Dominion Battery Co., Ltd.
CKPR	F	1000	a	Port Arthur, Ont., Dougall Motor Car Co., Ltd.
CKUA	F	1000	b	Edmonton, Alta., University of Alberta.
KMJ	EN	5000	a	Fresno, Calif., McClatchey Brdcastg. Co.
KSAC	2	500(1)	a	Manhattan, Kans., State College of Agriculture
WCHS	C	5000	a	Charleston, W. Va., Charleston Brdcastg. Co.
WDBO	C	5000	a	Orlando, Fla., Orlando Brdcastg. Co.
WIAC	P	1000(5)	z	San Juan, P. Rico, Enrique Abarca Sanfeliz.
WIBW	C2	5000	a	Topeka, Kans., Topeka Brdcastg. Assn., Inc.
WILL	D	5000	a	Urbana, Ill., University of Illinois.
WTAG	X	1000(5)	RYa	Worcester, Mass., Worcester Telegram Pub. Co., Inc.
XEMU	....	250	z	Piedras Negras, Coah., Radiodifusora de Piedras Negras.

590 kcs. (508.2 m.)

CMCY	Ø	15000	a	Havana, Cuba, RHC-Cadena Azul.
KGMB	CM	5000	a	Honolulu, T. H., Hawaiian Brdcastg. System, Ltd.
KHQ	ER	5000	a	Spokane, Wash., Louis Wasmer, Inc.
WEEL	C	5000	a	Boston, Mass., CBS, Inc.
WKZO	B	1000	a	Kalamazoo, Mich., WKZO, Inc.
WMBS	R	1000	a	Uniontown, Pa., Fayette Brdcastg. Corp.
WOW	C	5000	a	Omaha, Nebr., Woodmen of the World.
XEPH	....	5000	z	Mexico City, D. F.
YV5RI	B	1000	a	Caracas, Venezuela, Suegart y Cia.

600 kcs. (499.7 m.)

CFCF	BF	500	a	Montreal, P. Q., Canadian Marconi Co.
CFQC	F	1000	a	Saskatoon, Sask., A. A. Murphy & Sons, Ltd.
CJOR	....	1000	a	Vancouver, B. C., CJOR, Ltd.
CMKV	O	1000	a	Holguin, Cuba, RHC-Cadena Azul.
FQN	609	250	a	St. Pierre, Miquelon, G. Salomon.
KFSB	B	5000	a	San Diego, Calif., Airfan Radio Corp., Ltd.
KROD	C	500(1)	a	El Paso, Tex., Dorrence D. Roderick.
TIGPH	605	1000	a	San Jose, Costa Rica, Gonzalo Pinto H.
WCAO	C	500(1)	a	Baltimore, Md., Monumental Radio Co.
WICC	....	500(1)	BDMyI	Bridgeport, Conn., The Yankee Network, Inc.
WMT	BM	5000	a	Cedar Rapids, Iowa, Iowa Brdcastg. Co.
WREC	C	5000	a	Memphis, Tenn., WREC Brdcastg. Service.
WSTS	MN	1000	a	Winston-Salem, N. C., Piedmont Pub. Co.
XEOH	....	1000	z	Torreon, Coah.
XESF	....	250	z	Morelia, Micho.
XEZ	....	2000	z	Merida, Yuc., Jorge L. Palomeque.

610 kcs. (491.5 m.)

CHNC	F	1000	a	New Carlisle, P. Q., Gaspesian Radio Co., Ltd.
CIAT	F	1000	a	Trail, B. C., Kootenay Brdcastg. Co., Ltd.
KFAR	....	1000	a	Fairbanks, Alaska, Midnight Sun Brdcastg. Co.
KFRC	M	5000	b	San Francisco, Calif., Don Lee Brdcastg. System.
WCLE	DM	500	a	Cleveland, Ohio, United Brdcastg. Co.
WDAF	R	5000	a	Kansas City, Mo., Kansas City Star Co.
WIOD	N	5000	a	Miami, Fla., Isle of Dreams Brdcastg. Corp.
WIP	....	5000	Ia	Philadelphia, Pa., Pa. Brdcastg. Co.
WMUR	P	1000(5)	z	Manchester, N. H., Radio Voice of N. H., Inc.
XEBX	....	500	z	Sabinas, Coah., Benito Garza Ortegon.
XERJ	....	600	z	Mazatlan, Sin., Oscar Perez E
	P	1000	z	Charlotte, N. C., Inter-City Advertising Co.

620 kcs. (483.6 m.)

CKCK	F	1000	a	Regina, Sask., Leader-Post, Ltd.
CMJK	....	250	a	Camaguey, Cuba, Jones, Castrillon y Cia.
KGW	ER	5000	a	Portland, Ore., Oregonian Pub. Co.
KTAR	EN	5000	a	Phoenix, Ariz., KTAR Brdcastg. Co.
KWFT	....	1000(5)	CMTa	Wichita Falls, Tex., Wichita Brdcastg. Co.
TIPG	625	5000	b	San Jose, Costa Rica, Claudia Hartinos.
WAGE	....	1000	a	Syracuse, N. Y., Sentinel Brdcastg. Corp.
WHBY	D	250	a	Greensburg, Pa., Pittsburgh Radio Supply House.
WKAQ	C	5000	a	San Juan, Puerto Rico, Radio Corp. of Puerto Rico.
WLZ	X	500(1)	a	Bangor, Maine, Maine Brdcastg. Co.
WROL	N	500(1)	DMNYa	Knoxville, Tenn., Stuart Brdcastg. Corp.
WSUN	N	5000	a	St. Petersburg, Fla., City of S. P.
WTMJ	N	5000	a	Milwaukee, Wis., The Journal Co.
XENK	....	5000	z	Mexico City, D. F.

630 kcs. (475.9 m.)

CFCO	F	100	a	Chatham, Ont., John Beardall.
CFCY	F	1000	a	Charlottetown, P. E. I., Island Radio Brdcastg. Co.

BROADCASTING STATIONS BY FREQUENCIES

CJRC	F	1000
CKOV	F	1000
CMZ	...	5000
KGFX	D	200
KOH	N	1000
KVOD	B	1000
KXOK	...	5000
WMAL	B	5000
WPRO	C	5000
XEFB	....	5000
YVKA	....	....

640 kcs. (468.5 m.)

HOK	....	....
KFI	R	50000
VONF	12500
WHKC	LM	500
WNAD	D	1000
WOI	D	5000
YSS	500

650 kcs. (461.3 m.)

WSM	N	50000
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660 kcs. (454.3 m.)

KOWH	BD	500
WEAF	R	50000
XEBZ	500
YNPH	600
....	DP	1000

670 kcs. (447.5 m.)

WMAQ	R	50000
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680 kcs. (440.9 m.)

KFEQ	L	500(2.5)
KPO	R	50000
VAS	685	2000
WLAW	5000
WISR	DP	250
WPTF	N	50000
XED	....	1000

690 kcs. (434.5 m.)

CBF	N	50000
CMQ	N	15000(25)
KGGF	....	500(1)
TIGH	....	1000
XEAC	....	5000
XEN	....	5000

700 kcs. (428.3 m.)

VOWR	....	500
WLW	KN	50000

710 kcs. (422.3 m.)

KIRO	C	50000
KMPC	C	5000
WOR	KM	50000

720 kcs. (416.4 m.)

T4NRH	725	750
WGN	KM	50000

730 kcs. (410.7 m.)

CKAC	C	5000
XEDP	....	150000

- a Winnipeg, Man., Transcanada Communications, Ltd.
- a Kelowna, B. C., Okanagan Broadcasters, Ltd.
- z Havana, Cuba, Constitutional Army.
- a Pierre, S. Dak., Dana McNeil Estate.
- a Reno, Nev., The Bee, Inc.
- a Denver, Colo., Colorado Radio Corp.
- a St. Louis, Mo., StarTimes Pub. Co.
- a Washington, D. C., NBC, Inc.
- a Providence, R. I., Cherry & Webb Brdcastg. Co.
- a Monterrey, N. L., Jesus Quintanilla.
- z Caracas, Venezuela, Radiodifusora Nacional

-
- z Colon, Panama, La Voz de la Victor.
 - f Los Angeles, Calif., Earle C. Anthony, Inc.
 - a St. John's NFLD., Brdcastg. Corp of NFLD.
 - a Columbus, Ohio, United Brdcastg. Corp.
 - a Norman, Okla., University of Okla.
 - a Ames, Iowa, Iowa State College of Agriculture.
 - a San Salvador, El Salvador.

-
- a Nashville, Tenn., National Life & Accident Ins. Co.

-
- a Omaha, Nebr., World Pub. Co.
 - a New York, N. Y., NBC.
 - a Mexico City, D. F., Refugio Esperza Vda.
 - a Managua, Nicaragua.
 - z Dallas, Texas, Chilton Radio Corp.

-
- c Chicago, Ill. NBC, Inc.

-
- a St. Joseph, Mo., KFEQ, Inc.
 - a San Francisco, Calif., NBC, Inc.
 - f Glace Bay, N. S., Canadian Marconi Co., Ltd.
 - a Lawrence, Mass., Hildreth & Rogers Co.
 - z Butler, Pa., Butler Brdcastg. Co.
 - a Raleigh, N. C., WPTF Radio Co.
 - e Guadalajara, Jal., Cia. Radiofonografica.

-
- a Montreal, P. Q., CBC.
 - a Havana, Cuba, Cambo y Gabriel.
 - Ma Coffeyville, Kans., Hugh J. Powell.
 - b San Jose, Costa Rica, Gonzalo Garcia.
 - a Tijuana, B. Cfa., Jorge I. Rivera.
 - a Mexico City, D. F., Radio Mundial.

-
- c St. John's, Nfld., Wesley United Church.
 - a Cincinnati, Ohio, Crosley Corp.

-
- a Seattle, Wash., Queen City Brdcastg. Co.
 - a Beverly Hills, Calif., KMPC Station of the Stars.
 - a New York, N. Y., Bamberger Brdcastg. Service.

-
- f Heredia, Costa Rica, Amando Cespedes Marin.
 - b Chicago, Ill., WGN, Inc.

-
- a Montreal, P. Q., La Presse Pub. Co., Ltd.
 - a Mexico City, D. F., Depto. de Publicidad y Propaganda.

BROADCASTING STATIONS BY FREQUENCIES

740 kcs. (405.2 m.)

CBL	F	50000
CMJN	O	1000
CMK	....	250
KQW	....	1000(5)

- a Toronto, Ont., CBC.
- z Camaguey, Cuba, RHC-Cadena Azul.
- a Havana, Cuba, Radiodifusion O'Shea.
- Ma San Jose, Calif., Pacific Agricultural Foundation.

750 kcs. (399.8 m.)

KMMJ	L	1000
TING	....	375
WHEB	L	1000
WSB	R	50000

- a Grand Island, Nebr., KMMJ, Inc.
- z San Jose, Costa Rica, Narcisco Garcia.
- a Portsmouth, N. H., Granite State Brdcastg. Corp.
- a Atlanta, Ga., Atlanta Journal Co.

760 kcs. (394.5 m.)

KGU	LN	2500
WJR	C	50000

- a Honolulu, Hawaii, Advertiser Pub. Co., Ltd.
- c Detroit, Mich., WJR, The Goodwill Station.

770 Kcs. (389.4 m.)

KXA	L	1000
WBAL	S	2500
WCAL	2D	5000
WEW	D	1000
WIZ	S	50000
WLB	2D	5000

- a Seattle, Wash., American Radio Telephone Co.
- BMa Baltimore, Md. WBAL Brdcastg. Co.
- a Northfield, Minn., St. Olaf College.
- a St. Louis, Mo., St. Louis University.
- Ba New York, N. Y., NBC, Inc.
- a Minneapolis, Minn., University of Minn.

780 kcs. (384.4 m.)

KFAB	S	10000
WBBM	CS	50000

- CEa Lincoln, Nebr., KFAB Brdcastg. Co.
- a Chicago, Ill., Columbia Brdcastg. System.

790 kcs. (379.5 m.)

CKSO	F	1000
CMBC	....	1000(5)
KECA	....	5000
KFDY	D	1000
KFQD	G	250
KGHL	N	5000
WEAN	....	5000
WMC	R	1000(5)
WPIC	D	1000
WPRR	....	1000(2.5)
WTAR	N	5000
XELI	....	500
XERC	....	1000
YVSRB	....	10000
ZNS	....	1000

- a Sudbury, Ont., Sudbury Star.
- a Havana, Cuba, El Progreso Cubano.
- a Los Angeles, Calif., Earle C. Anthony, Inc.
- a Brookings, S. Dak., S. Dak. State College.
- c Anchorage, Alaska, Anchorage Radio Club, Inc.
- BDMYa Billings, Mont., Northwestern Auto Sup. Co., Inc.
- a Providence, R. I., The Yankee Network, Incc.
- a Memphis, Tenn., Memphis Publishing Co.
- a Sharon, Pa., Sharon Herald Brdcastg. Co.
- a Mayaguez, P. R., P. R. Advertising Co., Inc.
- g Norfolk, Va., WTAR Radio Corp.
- z Nuevo Laredo, Tams.
- z Mexico City, D. F., Carlos Dragome Narro.
- a Caracas, Venezuela, Degwitz & Siblitz.
- d Nassau, Bahamas, Supt. of Telegraphs.

800 kcs. (374.8 m.)

CKLW	FM	5000
....	P	1000
....	P	150000

- a Windsor, Ont., Western Ont. Brdcastg. Co.
- z Holguin, Cuba.
- z Nogales, Son.

810 kcs. (370.2 m.)

CMHQ	....	5000
KGO	....	7500
KOAM	D	1000
WGY	R	50000
XEFW	....	50000

- a Santa Clara, Cuba, T. Rio Leon.
- Ba San Francisco, Calif., NBC.
- Na Pittsburg, Kans., Pittsburg Brdcastg. Co., Inc.
- a Schenectady, N. Y., Gen. Electric Co.
- a Tampico, Tams., Flores y Martinez.

820 kcs. (365.6 m.)

WBAP	ENa	50000
WFAA	ENa	50000
WTBO	L	250

- a Fort Worth, Tex., Carter Publications, Inc.
- a Dallas, Tex., A. H. Belo Corp.
- Qa Cumberland, Md., Associated Brdcastg. Corp.

830 kcs. (361.2 m.)

CMAX	D	250
TIEP	....	3000
WCCO	C	50000
WNYC	L	1000
XELA	....	1000

- a Artemisa, Cuba.
- a San Jose, Costa Rica, Eduardo Pinto H.
- g Minneapolis, Minn., Columbia Brdcastg. Sys.
- a New York, N. Y., Municipal Brdcastg. Sys.
- z Mexico City, D. F., Radio Metropolitana.

BROADCASTING STATIONS BY FREQUENCIES

840 kcs. (356.9 m.)

VOGY 400
 WHAS C 5000

a St. John's, Nfld., Nfld. Hotel.
 a Louisville, Ky., Courier-Journal and Louisville Times

850 kcs. (352.7 m.)

KFUO L 5000
 KOA R 50000
 WEEU DN 1000
 WHDH L 1000
 WRUF L 5000

a Clayton, Mo., Evangelical Luthern Synod of Mo.
 a Denver, Colo., NBC, Inc.
 a Reading, Pa., Berks Brdcastg. Co.
 a Boston, Mass., Matheson Radio Co., Inc.
 a Gainesville, Fla., University of Fla.

860 kcs. (348.6 m.)

CFRB C 10000
 CMBL 5000
 KTRB DX 250
 XEMO 5000
 XEXX 5000

a Toronto, Ont., Rogers Radio Brdcastg. Co., Ltd.
 a Havana, Cuba, Radio Cadena Suaritos.
 a Modesto, Calif., KTRB Brdcastg. Co.
 a Tijuana, B. Cfa., Fernando Federico Ferreira.
 z Mexico City, D. F., Univ. Nacional de Mexico.

870 kcs. (344.6 m.)

KIEV D 250
 WHCU CL 1000
 WKAR D 5000
 WWL C 50000

a Glendale, Calif., Cannon Sys. Ltd.
 a Ithaca, N. Y., Cornell University.
 a E. Lansing, Mich., Mich. State College.
 a New Orleans, La., Loyola University.

880 kcs. (340.7 m.)

WABC C 50000
 WHB DM 1000
 YV5RQ 882 1000

a New York, N. Y., Columbia Brdcastg. Sys.
 a Kansas City, Mo., WHB Brdcastg. Co.
 b Caracas, Venez. "Radio Libertador."

890 kcs. (336.9 m.)

WENR Ba 50000
 WLS Ba 50000

c Chicago, Ill., NBC, Inc.
 a Chicago, Ill., Agricultural Brdcastg. Co.

90 kcs. (333.1 m.)

CHL F 1000
 CJBR F 1000
 CKBI F 1000
 CMKS 250
 XEW 10000

a Hamilton, Ont., Maple Leaf Radio Co., Ltd.
 a Rimouski, P. Q., J. A. Brilliant.
 a Prince Albert, Sask., Prince Albert Radio Corp.
 a Guantanamo, Cuba, Candido Savon Suarez.
 a Mexico City, D. F., Cadena Radiodifusora Mexicana.

910 kcs. (329.6 m.)

CBO F 1000
 CFJC 1000
 CMCF 5000
 KFKA M2 1000
 KLX 1000
 KPOF 2 1000
 KRRV 1000
 KVAN D 250
 WFOC C 1000
 WFDL B 1000
 WGBl 3 500(1)
 WHL 1000
 WQAN 3 500(1)
 WRNL B 1000
 WSUI 1000(5)
 XEAO 250

a Ottawa, Ont., CBC.
 Fa Kamloops, B. C., Kamloops Sentinal Ltd.
 Oa Havana, Cuba, Cadena Azul.
 a Greeley, Colo., Mid-Western Radio Corp.
 a Oakland, Calif., Tribune Bldg. Co.
 a Denver, Colo., Pillar of Fire.
 MTa Sherman, Tex., Red River Valley Brdcastg. Corp.
 a Vancouver, Wash., Vancouver Radio Corp.
 a Meridian, Miss., Miss. Brdcastg. Co., Inc.
 a Flint, Mich., Flint Brdcastg. Co.
 CQf Scranton, Pa., Scranton Broadcasters, Inc.
 a Johnson Cty, Tenn., WJHL, Inc.
 a Scranton, Pa., Scranton Times.
 a Richmond, Va., Richmond Radio Corp.
 a Iowa City, Iowa, State University of Iowa.
 a Mexicali, B. Cfa., Chavez y Castro Succs.

920 kcs. (325.9 m.)

CMJL 5000
 KARK N 5000
 KFNF 2 500(1)
 KFPY C 5000
 KTKC M 1000
 KUSD 2 500
 WBAA 1000(5)
 WBBB DP 1000
 WGST C 1000(5)
 WJAR R 5000
 WMMN C 5000
 XEBH 1000
 XEMJ 200

z Camaguey, Cuba, Gaspar Estevez P.
 a Little Rock, Ark., Ark. Radio & Equipment Co.
 a Shenandoah, Iowa, KFNF, Inc.
 a Spokane, Wash., Symons Brdcastg. Co.
 f Visalia, Calif., Tulare-Kings Counties Radio Associates.
 a Vermillion, S. Dak., University of S. Dak.
 a W. Lafayette, Ind., Purdue University.
 z Burlington, N. C. Alamance Brdcastg. Co. Inc.
 a Atlanta, Ga., Georgia School of Tech.
 a Providence, R. I., Outlet Co.
 a Fairmont, W. Va., Monongahela Valley Brdcastg. Co.
 a Hermosillo, Son., Carlos Balderrama.
 z Nueva Rosita, Coah.

BROADCASTING STATIONS BY FREQUENCIES

930 kcs. (322.4 m.)

CJCA	F	1000	a	Edmonton, Alta., North Western Publishers, Ltd.
CMKN	O	1000	a	Santiago de Cuba, RHC-Cadena Azul.
KGBU	...	500	a	Ketchikan, Alas., Alaska Radio & Service Co., Inc.
KHJ	BMS	5000	a	Los Angeles, Calif., Don Lee Brdctsg. Sys.
KSEI	N	250(4)	a	Pocatello, Idaho, Radio Service Corp.
WBEN	R	5000	a	Buffalo, N. Y., WBEN, Inc.
WFMD	...	500	a	Frederick, Md., The Monocacy Brdctsg. Co.
WJAX	N	1000(5)	a	Jacksonville, Fla., City of Jacksonville.
WKY	N	5000	a	Oklahoma City, Okla., WKY Radiophone Co.
WLBL	D	5000	a	Stevens Point, Wis., State of Wis.
WPAT	DP	1000	z	Paterson, N. J., North Jersey Brdctsg. Co., Inc.
WSAZ	...	1000	a	Huntington, W. Va., WSAZ, Inc.
WTAD	C	1000	a	Quincy, Ill., Ill. Brdctsg. Corp.

940 kcs. (319 m.)

CBM	FR	5000	a	Montreal, P. Q., CBC.
WFLA	...	1000(5)	a	Tampa, Fla., The Tribune Co.
WMAZ	LX	1000(5)	Ca	Macon, Ga., Southeastern Brdct. Co., Inc.
XEQ	...	50000	a	Mexico City, D. F., Radio Panamericana.

950 kcs. (315.6 m.)

CMBZ	...	1000(5)	a	Havana, Cuba, Radio Salas.
HIX	...	1000	a	Ciudad Trujillo, D. R., J.R., Saladin.
KFEL	M	5000	a	Denver, Colo., Eugene P. O'Fallon.
KOMO	ER	5000	a	Seattle, Wash., Fishers Blend Station, Inc.
KPRC	ER	5000	a	Houston, Tex., Houston Printing Corp.
WAAF	D	1000	a	Chicago, Ill., Drivers Journal Pub. Co.
WORL	D	1000	a	Boston, Mass., Brdctsg. Serv. Organization, Inc.
WPEN	...	5000	a	Philadelphia, Pa., Wm. Penn Brdctsg. Co.
WSPA	C	1000(5)	a	Spartanburg, S. C., Spartanburg Adv. Co.
WWJ	R	5000	a	Detroit, Mich., Evening News Ass'n.
XEGM	...	1000(2.5)	z	Tijuana, B. Cfa.

960 kcs. (312.3 m.)

CFAC	F	1000	a	Calgary, Alta., South Western Publishers, Ltd.
CHNS	F	1000	a	Halifax, N. S., Maritime Brdctsg. Co., Ltd.
CMHN	E	1000	a	Santa Clara, Cuba, Cadena Radio Habana.
KMA	B	1000(5)	a	Shenandoah, Iowa, May Brdctsg. Co.
KROW	...	1000	a	Oakland, Calif., Educational Brdctsg. Corp.
WBRC	R	5000	a	Birmingham, Ala., Birmingham Brdctsg. Co., Inc.
WDBJ	C	5000	a	Roanoke, Va., Times World Corp.
WELI	X	250(5)	a	New Haven, Conn., City Brdctsg. Corp.
WSBT	C	500	a	South Bend, Ind., South Bend Tribune.
XEFE	...	1000	z	Nuevo Laredo, Tam., Rafael T. Carranza.
XEHK	...	250	z	Guadalajara, Jal.
XEOT	...	500	z	Hermosillo, Son.
XEU	...	500	a	Veracruz, Ver. C., Fernando Pazos S.
YV5RA	...	10000	b	Caracas, Venezuela, Almacen Americano.

970 kcs. (309.1 m.)

CMKU	E	5000	a	Santiago de Cuba, Cadena Radio Habana.
KOIN	C	5000	a	Portland, Ore., KOIN, Inc.
WAAT	...	1000	a	Jersey City, N. J., Bremer Brdctsg. Corp.
WAVE	N	5000	a	Louisville, Ky., WAVE, Inc.
WCSH	...	5000	RYa	Portland, Maine, Congress Square Hotel Co.
WDAY	N	5000	a	Fargo, N. Dak., WDAY, Inc.
WHA	D	5000	a	Madison, Wis., University of Wis.
WICA	D	1000	a	Ashtabula, Ohio, WICA, Inc.
XEJ	...	5000	a	Juarez, Chih. Pedro Menesez, Jr.
XEK	...	500	a	Mexico City, D. F., Arturo Martinez.
XEO	...	750	z	Matamoros, Tam.

980 kcs. (306 m.)

CBV	F	1000	a	Quebec, P. Q., CBC.
CTRM	F	1000	a	Regina, Sask., Transcanada Comm., Ltd.
CKWX	F	1000	a	Vancouver, B. C., Western Brdctsg. Co., Ltd.
CMCK	...	5000	a	Havana, Cuba, Luis Casa R.
KFWB	E	5000	a	Los Angeles, Calif., Warner Bros. Brdctsg. Corp.
KMBC	C	5000	a	Kansas City, Mo., Midland Brdctsg. Co.
WHAL	DP	500	z	Saginaw, Mich., Gross and Shields.
WRC	R	5000	a	Washington, D. C., NBC, Inc.
WTRY	...	1000	Ba	Troy, N. Y., Troy Brdctsg. Co., Inc.
XEQ	...	500	z	Cananea, Son., Pedro L. Diaz.
XEXT	...	1000	z	Tepic, Nay., Gobierno del Estado de Nayarit.
YV2RB	...	500	b	San Cristobal, Ven., J. M. Diaz Gonzalez

BROADCASTING STATIONS BY FREQUENCIES

990 kcs. (302.8 m.)

CKY	F	15000
CMHT	...	250
WIBG	D	1000
WNOX	X	500(5)
XECL	....	5000
XET	....	5000

a	Winnipeg, Man., Man. Telephone Sys.
a	Trinidad, Caba, Fernando E. Sato del Valle.
a	Glenside, Pa., Seaboard Radio Brdcastg. Corp.
Ca	Knoxville, Tenn., Scripps-Howard Radio, Inc.
z	Mexicali, B. Cia., Alfonso A. Lacarra.
a	Monterrey, N. L., El Pregonero del Norte.

1000 kcs. (299.8 m.)

CMKW	....	1000
KJR	....	5000
WCFL	N	10000
WINS	X	1000
XEPX	....	10000

a	Santiago de Cuba, Claudio Alvarez Soriano.
Ba	Seattle, Wash., Fishers Blend Station, Inc.
a	Chicago, Ill., Chicago Federation of Labor.
Sa	New York, N. Y., Hearst Radio, Inc.
z	Mexico City, D. F.

1010 kcs. (296.9 m.)

CBY	F	1000
CFCN	F	10000
CMX	....	10000
XEBG	....	500
XEON	....	500
YV5RG	....	1000

a	Toronto, Ont., CBC.
a	Calgary, Alta., Voice of the Prairies, Ltd.
a	Havana, Cuba, Casa Lavin.
a	Tijuana, B. Cia., Angel B. Fernandez
z	Nogales, Son.
b	Caracas, Ven., "Emisoras Unidas."

1020 kcs. (293.9 m.)

KDKA	B	50000
KFVD	L	1000

b	Pittsburgh, Pa., Westinghouse Radio Stations, Inc.
a	Los Angeles, Calif., Standard Brdcastg. Co.

1030 kcs. (291.1 m.)

KOB	N	50000
WBZ	BS	50000
WBZA	BS	1000

a	Albuquerque, N. Mex., Albuquerque Brdcastg. Co.
a	Boston, Mass., Westinghouse Radio Stations, Inc.
a	Springfield, Mass., Westinghouse Radio Sta., Inc.

1040 kcs. (288.3 m.)

WHO	R	50000
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a	Des Moines, Iowa, Central Brdcastg. Co.
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1050 kcs. (285.5 m.)

CMKG	250
WDZ	D	1000
WHN	X	1000(5)
XEG	150000
YV5RZ	300

z	Santiago, Cuba, Emilio Grau Medina
a	Tuscola, Ill., WDZ Brdcastg. Co.
a	New York, N. Y., Marcus Loew Booking Agency
z	Monterrey, N. L.
a	La Guaira, Venezuela. "Emisora Vargas."

1060 kcs. (282.8 m.)

CMCM	....	250
CMJA	....	250
KYW	R	50000
XEST	....	50000

a	Havana, Cuba., Transradio Columbia
a	Camaguey, Cuba, Rafael Valdes
a	Philadelphia, Pa., Westinghouse Radio, Inc.
z	Mexico City, D. F.

1070 kcs. (280.2 m.)

CBA	F	50000
KFBI	....	1000(5)
KNX	C	50000
WEAU	L	1000(5)
WIBC	....	1000(5)

a	Sackville, N. B., Canadian Brdcastg. Corp.
a	Wichita, Kans., Farmers & Bankers Brdcastg. Corp.
a	Los Angeles, Calif., Columbia Brdcastg. System, Inc.
a	Eau Claire, Wis., Central Brdcastg. Co.
a	Indianapolis, Ind., Ind. Brdcastg. Corp.

1080 kcs. (277.6 m.)

HHK	....	25000
KRLD	C	50000
KWJJ	LX	500
KYOS	DM	250
WCAZ	D	250
WTIC	....	50000
YV6RE	....	250

z	Leogane, Haiti
a	Dallas, Tex., KRLD Radio Corp.
a	Portland, Ore., KWJJ Broadcast Co., Inc.
a	Merced, Calif., Merced Brdcastg. Co.
a	Carthage, Ill., Superior Brdcastg. Service, Inc.
RYa	Hartford, Conn., Travelers Brdcastg. Service Corp.
a	Barcelona, Venez., "Ondas del Neveri."

1090 kcs. (275.1 m.)

CMKX	....	250
HIN	....	150
KTHS	....	5000(10)
WBAL	BM	50000
WJAG	L	1000
XEHR	....	250
XERB	....	50000

z	Banes, Cuba, Oscar Vidal Benitez
z	Trujillo, D. R., J. M. Bonetti Burgos.
Na	Hot Springs, Ark., Chamber of Commerce
a	Baltimore, Md., WBAL Brdcastg. Co.
a	Norfolk, Nebr., Norfolk Daily News
a	Puebla, Pue.
a	Rosarito, B. Cia., (Box 508, San Diego, Calif.)

BROADCASTING STATIONS BY FREQUENCIES

1100 kcs. (272.6 m.)

KJBS	L	500
WTAM	R	50000

a	[]
a	San Francisco Calif., Julius Brunton & Sons Co.,
a	Cleveland, Ohio, NBC, Inc.

1110 kcs. (270.1 m.)

CMBY	D	250
WBT	C	50000
WCBD	L2XZ	5000
WMBI	L2	5000
XEFO	....	20000

z	[]
a	Havana, Cuba, Av. de Menocal 159
a	Charlotte, N. C., CBS.
a	Chicago, Ill., WCBD, Inc.
g	Chicago, Ill., Moody Bible Institute
a	Mexico City, D. F., Partido de la Revolucion Mex.

1120 kcs. (267.7 m.)

KMOX	C	50000
YVIRF	....	350

a	[]
a	St. Louis, Mo., CBS
a	Maracaibo, Venez., "Ondas del Lago."

1130 kcs. (265.3 m.)

CBR	F	5000
CMKH	....	250
KGDM	DM	1000
KWKH	C	50000
WCAR	D	1000
WDGY	L	500(5)
WOV	....	10000

a	[]
a	Vancouver, B. C., Canadian Brdctg. Corp.
z	Guantanamo, Cuba
f	Stockton, Calif., E. F. Peffer
a	Shreveport, La., International Brdctg. Corp.
a	Pontiac, Mich., Pontiac Brdctg. Co.
a	Minneapolis, Minn., Dr. Geo. W. Young
a	New York, N. Y., Greater N. Y. Brdctg. Corp.

1140 kcs. (263 m.)

KSOU	LN	5000
WRVA	CM	50000
XENT	....	50000
XEON	....	2000

a	[]
a	Sioux Falls, S. Dak., S. F. Broadcast Ass'n.
a	Richmond, Va., Larus & Bros. Co., Inc.
a	Nuevo Laredo, Tam. Cia., Industrial Universal S. A.
a	Tijuana, B. Cia.

1150 kcs. (260.7 m.)

CHSJ	F	1000
CKOC	F	500(1)
CKX	F	1000
CMBO	....	1000(5)
KFTO	D	100
KFSG	a	1000(2.5)
KRKR	a	1000(2.5)
KRSC	E	1000
KSAL	....	1000
KSWO	DP	250
KTBC	G	1000
WAPO	N	1000(5)
WCOP	....	500
WDEL	R	5000
WISN	C	5000
WJBO	B	5000
WKPA	D	250
WTAW	G	1000
XEJP	....	600
XEJS	....	500
YVIRD	1153	250
YVARD	1153	200

a	[]
a	St. John, N. B., N. B. Brdctg. Co.
a	Hamilton, Ont., Wentworth Radio Brdctg. Co., Ltd.
a	Brandon, Man., Man. Telephone Sys.
a	Havana, Cuba, Ideas Pazos
a	Spokane, Wash., Spokane Brdctg. Corp.
a	Los Angeles, Calif., Echo Park Evangelistic Ass'n.
a	Los Angeles, Calif., Radio Broadcasters, Inc.
a	Seattle, Wash., Radio Sales Corp.
a	Salina, Kans., KSAL, Inc.
z	Lawton, Okla., W. Carver and B. Ross.
z	Austin, Texas, State Capitol Brdctg. Assn.
a	Chattanooga, Tenn., W. A. Patterson
a	Boston, Mass., Mass. Brdctg. Corp.
a	Wilmington, Del.
a	Milwaukee, Wis., Hearst Radio, Inc.
a	Baton Rouge, La., B. R. Brdctg. Co., Inc.
a	New Kensington, Pa., Alleghany-Kiski Brdctg. Co.
a	College Station, Tex., Agricultural & Mech. College
a	Mexico City, D. F., Salvador Monterrubio
z	Cananea, Son.
a	Maracaibo, Venez., "Radiodifusora, Maracaibo."
a	Maracay, Venez., "Radio Marconi."

1160 kcs. (285.5 m.)

KSL	C	50000
WJJD	L	20000
YV5RL	....	1000

a	[]
a	Salt Lake City, Utah, Radio Serv. Corp.
a	Chicago, Ill., WJJD, Inc.
a	Caracas, Venez., "Radio Tropical."

1170 kcs. (256.3 m.)

KVOO	....	25000
WAPI	Z	1000(5)
WWVA	C	50000
XECD	....	350

Na	[]
Ca	Tulsa, Okla., Southwestern Sales Corp.
a	Birmingham, Ala., Voice of Ala.
a	Wheeling, W. Va., W. V. Brdctg. Corp.
z	Puebla, Pue., Ricardo Vazquez

1180 kcs. (254.1 m.)

WHAM	N	50000
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a	[]
a	Rochester, N. Y., Stromberg-Carlson Mfg. Co.

1190 kcs. (252 m.)

CMCU	250
KEX	B	50000
WOWO	....	10000
....	P	50000

a	[]
a	Havana, Cuba, Jorge Garcia Serra
a	Portland, Ore., Oregonian Pub. Co.
Ba	Fort Wayne, Ind., Westinghouse Radio Stations, Inc.
z	Sonora, Son.

1200 kcs. (249.9 m.)

TIRCC	....	500
WOAI	EN	50000

z	[]
z	San Jose, Costa Rica, Carlos Borge.
a	San Antonio, Tex., Southland Industries, Inc.

BROADCASTING STATIONS BY FREQUENCIES

1210 kcs. (247.8 m.)

WCAU C 50000

a Philadelphia, Pa., WCAU Brdcastg. Co.

1220 kcs. (245.8 m.)

CHAB F 1000
 CMKO 250
 TIGPH2 1225 1000
 XEB 10000

a Moose Jaw, Sask., CHAB, Ltd.
 a Holguin, Cuba, Manuel Angula Farran
 b San Jose, Costa Rica, "Nueva Alma Tica."
 a Mexico City, D. F., El Buen Tono, S. A.

1230 kcs. (243.8 m.)

CFCH F 100
 CHGB F 100
 CJCJ F 100
 CKNX 100
 CKTB F 100
 CKVD 100
 CMCO 2 250
 CMCW 2 250
 CMJE 250
 HHW 100
 KADA EM 250
 KAST 250
 KBTM 100(.25)
 KELO N 250
 KFDA 250
 KFJB 250
 KF XD 250
 KFXJ 250
 KGDE 100(.25)
 KGEK G 100
 KGFI 100
 KGHI 250
 KHAS 250
 KHBC CM 250
 KMLB 250
 KODL 100(.25)
 KOOS M 250
 KPHO P 250
 KPOW P 250
 KSNUN E 250
 KVCV M 250
 KVEC M 250
 KVTU 250
 KVOS M 250
 KWG 100
 KWNO E 250
 KYSM EN 250
 WABI XZ 250
 WAIM C 250
 WAJR 250
 WAYX 250
 WBBZ M 250
 WBHP 250
 WBLI 250
 WBOW N 250
 WCAT G 100
 WCAX XZ 250
 WCBT 250
 WCED 250
 WCLO 250
 WCOL 250
 WCPO 250
 WDLP 100(.25)
 WDSM 100
 WENY M 250
 WESX X 100
 WFTC 250
 WGRB P 250
 WHRC M 250
 WHBY E 250
 WHOP 250
 WIBX 250
 WIL 250
 WISE N 250
 WITB 250
 WJBC 250

a North Bay, Ont., R. H. Thomson
 a Ste. Anne de la Pocatiere, P. Q., G. Thos. Desjardins
 a Calgary, Alta., Albertan Pub. Co.
 a Wingham, Ont., Wingham Radio Club
 a St. Catharines, Ont., E. T. Sandell
 a Val d'Or, P. Q., La Voix d'Abitibi
 a Havana, Cuba, Enrique Lasanta
 a Havana, Cuba, J. Vilarino y Cia.
 z Camaguey, Cuba, Maceo No. 27
 z Port-au-Prince, Haiti
 a Ada, Okla., C. C. Morris.
 z Astoria, Ore., Astoria Brdcastg. Co.
 a Jonesboro, Ark., Regional Brdcastg. Co.
 a Sioux Falls, S. Dak., S. F. Broadcast Ass'n., Inc.
 MTa Amarillo, Tex. Amarillo Brdcastg. Corp.
 a Marshalltown Iowa, Marshall Elec. Co.,
 a Nampa, Idaho, Frank E. Hurt
 a Grand Junction, Colo., Western Slope Brdcastg. Co.
 b Fergus Falls, Minn., Charles L. Jaren
 f Sterling, Colo., Elmer G. Beehler
 a Los Angeles, Calif., Ben S. McGlashan
 a Little Rock, Ark., Ark. Brdcastg. Co.
 a Hastings, Nebr., Nebr. Brdcastg. Co.
 a Hilo, Hawaii, Hawaiian Brdcastg. Sys., Ltd.
 a Monroe, La. Linder's Brdcastg. Station, Inc.
 a The Dalles, Ore., Western Radio Corp.
 a Marshfield, Ore., KOOS, Inc.
 z Phoenix, Ariz., M. C. Reese
 z Powell, Wyo., Albert Joseph Meyer
 a Lowell, Ariz., Copper Elec. Co., Inc.
 a Redding, Calif., Golden Empire Brdcastg. Co.
 a San Luis Obispo, Calif., Valley Electric Co.
 a Logan, Utah, Cache Valley Brdcastg. Co.
 a Bellingham, Wash., KVOS, Inc.
 BEa Stockton, Calif., McClatchey Brdcastg. Co.
 a Winona, Minn., Winona Radio Serv.
 a Mankato, Minn., Southern Minn. Supplv Co.
 Ca Bangor, Me., Community Brdcastg. Serv.
 a Anderson, S. C., Anderson College.
 a Morgantown, W. Va., W. Va. Radio Corp.
 a Wavercross, Ga., Jack Williams.
 a Ponca City Okla. Adelaide L. Carrell
 a Huntsville, Ala., Wilton Harvey Pollard
 a Dalton, Ga., Dalton Brdcastg. Corp.
 a Terra Haute, Ind., Banks of Wabash, Inc.
 a Rapid City, S. Dak., S. Dak. State School of Mines
 Ca Burlington, Vt., Bur. Daily News, Inc.
 a Roanoke Rapids, N. C., J. Winfield Crew, Jr.
 a DuBois, Pa., Tri-County Brdcastg. Co.
 a Janesville, Wis., Gazette Printing Co.
 Na Columbus, Ohio, WCOL, Inc.
 a Cincinnati, Ohio, Scripps-Howard Radio, Inc.
 a Panama City, Fla., P. C. Brdcastg. Co.
 Ma Superior, Wis., WDSM, Inc.
 a Elmira, N. Y., Elmira Star-Gazette, Inc.
 a Salem, Mass., North Shore Brdcastg. Co.
 a Kingston, N. C., Jonas Weiland
 z Grand Rapids, Mich., G. R. Brdcastg. Corp.
 a Canton, Ohio, Ohio Brdcastg. Co.
 a Appleton, Wis., WHBY, Inc.
 a Hopkinsville, Ky., Paducah Brdcastg. Co., Inc.
 CSa Utica, N. Y., WIBX, Inc.
 a St. Louis, Mo., Mf. Brdcasting Corp.
 a Asheville, N. C., Station WISE, Inc.
 a Baltimore, Md., Md. Brdcastg. Co.
 a Bloomington, Ill. Kaskaskia Brdcastg. Co.

BROADCASTING STATIONS BY FREQUENCIES

WTBW	...	250	a	New Orleans, La., Chas. C. Carlson
WJNO	...	250	a	W. Palm Beach, Fla., WJNO, Inc.
WJOB	...	100	a	Hammond, Ind., O. E. Richardson & F. L. Adair
WJRD	...	250	E	Tuscaloosa, Ala., James R. Doss, Jr.
WKBO	...	100(.25)	NQa	Harrisburg, Pa., Keystone Brdcastg. Corp.
WLOF	...	250	P	Orlando, Fla., Hazelwood, Inc.
WLOG	...	100	a	Logan, W. Va., C. H. Frey and R. O. Greever
WLVA	...	250	a	Lynchburg, Va., Lynchburg Brdcastg. Corp.
WMAW	...	250	a	Worcester, Mass., C. T. Sherer Co., Inc.
WMFR	...	250	a	High Point, N. C., Radio Station WMFR, Inc.
WMOB	...	250	a	Mobile, Ala., S. B. Quigley
WMPG	...	250	a	Lapeer, Mich., Liberty St. Gospel Church
WOLS	...	250	a	Florence, S. C., O. Lee Stone
WRBL	...	250	a	Columbus, Ga., Columbus Brdcastg. Co., Inc.
WSAM	...	100(.25)	a	Saginaw, Mich., Saginaw Brdcastg. Co.
WSKB	...	250	a	McComb, Miss., McComb Brdcastg. Corp.
WSOO	...	100(.25)	a	Sault Ste. Marie, Mich., Hiawathaland Brdcastg. Co.
WTHT	...	250	DMa	Hartford, Conn., Hartford Times, Inc.
WTOL	...	250	a	Toledo, Ohio, Community Brdcastg. Co.
WYNO	...	800	a	Managua, Nicaragua.

1240 kcs. (241.8 m.)

CBJ	...	100	F	a	Chicoutimi, P. Q., Canadian Brdcastg. Corp.
CFPR	...	50		a	Prince Rupert, B. C., Felix E. Batt
CHLT	...	100		a	Sherbrooke, P. Q., La Tribune, Ltd.
CJCS	...	50		a	Stratford, Ont., Frank M. Squires
CKCH	...	100	F	a	Hull, P. Q., CKCH Radio Brdcastg. Co. of Hull, Ltd.
CKMC	...	50		a	Cobalt, Ont., R. L. MacAdam
CKNB	...	100	F	a	Campbellton, N. B., Dr. Charles Houde
CMGF	...	250		a	Matanzas, Cuba, Bernabe R. de la Torre
KALB	...	250		a	Alexandria, La., Alex. Brdcastg. Co., Inc.
KANS	...	250	N	a	Wichita, Kans., KANS Brdcastg. Co.
KASA	...	100		Ma	Elk City, Okla., E. M. Woody
KAVE	...	250		a	Carlsbad, N. Mex., Carlsbad Brdcastg. Co.
KBIZ	...	250	P	a	Ottumwa, Iowa, J. D. Falvey
KDLR	...	250		a	Devils Lake, N. Dak., KDLR, Inc.
KDON	...	100		Ma	Monterey, Calif., Monterey Peninsula Brdcastg. Co.
KFJI	...	100		a	Klamath Falls, Ore., KFJI Broadcasters, Inc.
KFOR	...	250	EM	a	Lincoln, Nebr., Cornbelt Brdcastg. Corp.
KFXM	...	250	2M	a	San Bernardino, Calif., Lee Bros. Brdcastg. Co.
KGBS	...	250	P	a	Harlingen, Tex., Harbenito Brdcastg. Co.
KGY	...	100		Ma	Olympia, Wash., KGY, Inc.
KHBG	...	250		a	Okmulgee, Okla., Okmulgee Brdcastg. Corp.
KIUL	...	100		a	Garden City, Kans., Garden City Brdcastg. Co.
KOCA	...	250		a	Kilgore, Tex., Oil Capital Brdcastg. Ass'n.
KOVO	...	250	EM	a	Provo, Utah, Citizens Voice and Air Show.
KPFA	...	250	EN	a	Helena, Mont., Peoples Forum of the Air.
KPPC	...	100	2	a	Pasadena, Calif., Pasadena Presb. Church.
KROY	...	100		Ca	Sacramento, Calif., Royal Miller.
KVSO	...	100(.25)		Ma	Ardmore, Okla., Ardmoreite Pub. Co., Inc.
KWAT	...	250		a	Watertown, S. Dak., Midland National Life Ins. Co.
KWIL	...	250		a	Albany, Ore., Central Willamette Brdcastg. Co.
KWJB	...	250	E	a	Globe, Ariz., Sims Brdcastg. Co.
KWLC	...	250	D	a	Decorah, Iowa, Luther College.
KXOX	...	250		a	Sweetwater, Tex., Sweetwater Radio, Inc.
KYUM	...	250	E	a	Yuma, Ariz., Yuma Brdcastg. Co.
WATN	...	250		a	Watertown, N. Y., Watertown Brdcastg. Corp.
WBAX	...	100		Ma	Wilkes-Barre, Pa., John H. Stenger, Jr.
WBBL	...	100	G5	a	Richmond, Va., Grace Covenant Presb. Church.
WBIR	...	250	P	a	Knoxville, Tenn., J. W. Birdwell
WBML	...	250	P	a	Macon, Ga., Middle Georgia Brdcastg. Co.
WBRB	...	100	4	MYa	Red Bank, N. J., Monmouth Brdcastg. Co.
WCOU	...	250		MYa	Lewiston, Maine, Twin City Brdcastg. Co., Inc.
WCOV	...	250	C	a	Montgomery, Ala., Capital Brdcastg. Co., Inc.
WCRW	...	100	G3	a	Chicago, Ill., Clinton R. White
WEBQ	...	250		a	Harrisburg, Ill., Harrisburg Brdcastg. Co.
WEDC	...	250	G3	a	Chicago, Ill., Emil Denemark, Inc.
WFAS	...	250	4	a	White Plains, N. Y., Westchester Brdcastg. Corp.
WFOY	...	250	C	a	St. Augustine, Fla., Fountain of Youth Brdcastg. Co.
WFTM	...	250		a	Fort Myers, Fla., Ft. Myers Brdcastg. Co.
WGAC	...	250		a	Augusta, Ga., Twin States Brdcastg. Co.
WGWB	...	100	4	a	Freeport, N. Y., Harry H. Carman.
WGCM	...	250		a	Gulfport, Miss., WGCM, Inc.
WGGA	...	250	P	a	Gainesville, Ga., Gainesville Broadcasters.
WGRM	...	250		a	Greenwood, Miss., P. K. Ewing.
WHAI	...	250		MYa	Greenfield, Mass., John W. Haigis.
WHBU	...	250		a	Anderson, Ind., Anderson Brdcastg. Corp.
WHIZ	...	250	N	a	Zanesville, Ohio, Southern Ohio Broadcasters, Inc.
WIBU	...	250	E	a	Poyette, Wis., Wm. C. Forrest
WINN	...	100(.25)		a	Louisville, Ky., Kentucky Brdcastg. Corp.

BROADCASTING STATIONS BY FREQUENCIES

WJBY	E	250	a	Gadsden, Ala., Gadsden Brdctg. Co., Inc.
WTEJ		250	a	Hagerstown, Md., Hagerstown Brdctg. Co.
WJIM	B	250	z	Lansing, Mich., WJIM, Inc.
WJLS		250	z	Beckley, W. Va., Joe L. Smith, Jr.
WJMC		250		Rice Lake, Wis., Walter H. Mc Genty.
WTTN		250	BSa	Jamestown, N. Y., James Brdctg. Co., Inc.
WTW	M	250	a	Akron, Ohio, WJW, Inc.
WKOK		250	a	Sunbury, Pa., Sunbury Brdctg. Corp.
WLAG	P	250	z	La Grange, Ga., La Grange Brdctg. Co.
WLOK		250	a	Lima, Ohio, Fort Industry Co.
WMFG		250	Ca	Hibbing, Minn., Head of the Lakes Brdctg. Co.
WOCB		250	a	Hyannis, Mass., Cape Cod Brdctg. Co.
WOMT		100	a	Manitowoc, Wis., Francis M. Kadow.
WPAX		250	a	Thomasville, Ga., H. Wimpy.
WPID	5	250	a	Petersburg, Va., Petersburg Newspaper Corp.
WRAL	M	250	z	Raleigh, N. C., Capitol Brdctg. Co.
WSAY		250	MSa	Rochester, N. Y., Brown Radio Service.
WSBC	G3	250	a	Chicago, Ill., W5BC, Inc.
WSIX	XZ	250	Ma	Nashville, Tenn., WSIX, Inc.
WSNJ		250	a	Bridgeton, N. J., Eastern States Brdctg. Corp.
WSOC	MN	250	a	Charlotte, N. C., Radio Station WSOC, Inc.
WTAX		100	a	Springfield, Ill., WTAX, Inc.

1250 kcs. (239.9 m.)

CMHO		250	z	Santa Clara, Cuba.
CMKC		250	a	Santiago de Cuba, Pinol Battle y Co.
KFKU	a	1000(5)	a	Lawrence, Kans., University of Kansas.
KPAC		500	a	Port Arthur, Tex., Port Arthur College.
KTMS	BE	1000	a	Santa Barbara, Calif., News-Press Pub. Co.
KTW	2	1000	a	Seattle, Wash., First Presb. Church.
KWSC	2	5000	a	Pullman, Wash., State College of Wash.
WCAD	D	500	a	Canton, N. Y., St. Lawrence University.
WCAE	MR	5000	a	Pittsburgh, Pa., WCAE, Inc.
WDAE	C	5000	a	Tampa, Fla., Tampa Times Co.
WGNV	D	250	a	Newburgh, N. Y., WGNV Brdctg. Co., Inc.
WREN	Ba	1000(5)	a	Lawrence, Kans., WREN Brdctg. Co.
WTMA	N	1000	a	Charleston, S. C., Atlantic Coast Brdctg. Co.
XEAT		600	a	Parral, Chih., Box 90.
XEDK		500	z	Guadalajara, Jal., Salvador Vasquez T.
XEH		250	a	Monterrey, N. L., Mexico, Radio Tarneva.
XETF		500	a	Veracruz Ver. C., Jose Rodriguez Lopez.
YVIRK		350	a	Maracaibo, Venezuela, Jose A. Higuera.

1260 kcs. (238 m.)

CFRN	F	1000	a	Edmonton, Alta., G. R. A. Rice.
CMBF		5000	a	Havana, Cuba, Radio Emisora Nacional.
KGBB	N	5000	a	Springfield, Mo., Springfield Brdctg. Co.
KGGM	C	1000	a	Albuquerque, N. Mex., New Mexico Brdctg. Co.
KYA	E	1000(5)	a	San Francisco, Calif., Hearst Radio, Inc.
WFBM	C	5000	a	Indianapolis, Ind., WFBM, Inc.
WNAC		5000	RYa	Boston, Mass., The Yankee Network, Inc.
WOL	M	1000	a	Washington, D. C. American Brdctg. Co.
XEBL		500	z	Mazatlan, Sin., Ignacio L. Saiz.
XEBM		150	z	San Luis Potosi, S. L. P., Benjamin Briones.
XEBP		250	z	Torreón, Coah.
XEBU		100	z	Chihuahua, Chih., Feliciano Lopez Islas.
XEDF		250	a	Laredo, Tams.
XEDW		250	a	Minatitlan, Ver. C., Hector Silva Canto.
XEL		750	z	Mexico City, D. F.

1270 kcs. (236.1 m.)

CICB	F	1000	a	Sydney, N. S., Eastern Broadcasters, Ltd.
CMYM	O	1000	a	Ciego de Avila, Cuba, RHC-Cadena Azul.
KFIZ		5000	MTa	Fort Worth, Tex., Tarrant Brdctg. Co.
KGCU		250	a	Mandan, N. Dak., Mandan Radio Ass'n.
KTFI	N	1000	a	Twin Falls, Idaho, Radio Brdctg. Corp.
WHBF	M	5000	a	Rock Island, Ill., Rock Island Brdctg. Co.
WSPR		500	DMa	Springfield, Mass., WSPR, Inc.
WXVZ	B	5000	a	Detroit, Mich., King-Trendle Brdctg. Corp.
XEBA		250	z	Guzman, Jal., Javier Velasco.
XEBC		100	z	Morelia, Micho.
XEDL		500	a	Navajoa, Son.
XEDN		250	z	Camargo, Chih.
XEFM		100	z	Leon, Gto.
XEFV		100	z	Juarez, Chih., Dario Cordoba.
XEME		500	a	Merida, Yuc., Perfecto Villamil Cisero.
XEXH		500	z	Oaxaca, Oax.
YV3RA		1500	a	Barquisimeto, Venezuela. "Radio America."

BROADCASTING STATIONS BY FREQUENCIES

1280 kcs. (234.2 m.)

CMHA	....	250
KFOX	...E	1000
KIT	...M	1000
WDSU	...B	5000
WGBF	...N	1000(5)
WHBI	...2	1000(2.5)
WKST	....	1000
WMRO	...D	250
WNEW	...B	5000
WTCN	...2	1000(5)
XEAG	....	250
XEBW	....	600
XEE	....	100
XELK	....	100
XEOX	....	250
XERL	....	250
XEX	....	500
XEXJ	....	100

z	Sagua la Grande, Cuba, Abelardo Menocal.
a	Long Beach, Calif., Nichols & Warinner, Inc.
a	Yakima, Wash., Carl E. Haymond.
a	New Orleans, La., WDSU, Inc.
a	Evansville, Ind., Evansville on the Air, Inc.
a	Newark, N. J., May Radio Brdctg. Corp.
a	New Castle, Pa., WKST, Inc.
a	Aurora, Ill., Martin R. O'Brien.
a	New York, N. Y., Wodaam Corp.
a	Minneapolis, Minn., Minnesota Brdctg. Corp.
z	Cordoba, Ver. C., Diodoro Zuniga.
z	Chihuahua, Chih.
a	Durango, Dgo., Alejandro Stevenson, Jr.
a	Zacatecas, Zac.
a	Los Mochis, Sin.
z	Colima, Col., J. Roberto Levy.
a	Monterrey, N. L., El Heraldo del Comercio.
z	Tuxtla Gutierrez, Chis.

1290 kcs. (232.4 m.)

CMCH	...2	250
CMCX	...2	250
CMKD	....	1000
KGVO	...C	1000
KHSL	...M	500(1)
KOIL	EMC	5000
KRGV	....	1000
KUOA	...D	5000
KVOA	EN	1000
WPVA	...D	250
WHIO	...C	5000
WHL D	...D	1000
WKNE	CM	5000
WTOC	...C	1000(5)
XEAP	....	100
XEDA	....	1000

a	Havana, Cuba, Radio Popular.
z	Havana, Cuba, "La Onda Popular"
a	Santiago de Cuba, Radioemisora Oriental.
a	Missoula, Mont., Mosby's, Inc.
a	Chico, Calif., Golden Empire Brdctg. Co.
a	Omaha, Nebr., Central States Brdctg. Co.
MNYa	Weslaco, Tex., KRGV, Inc.
a	Siloam Springs, Ark., KUOA, Inc.
a	Tucson, Ariz., Arizona Brdctg. Co., Inc.
z	Fredericksburg, Va., Fredericksburg Brdctg. Corp.
a	Dayton, Ohio, Miami Valley Brdctg. Corp.
a	Niagara Falls, N. Y., Niagara Falls Gazette Pub. Co.
a	Keene, N. H., Twin States Brdctg. Corp.
a	Savannah, Ga., Savannah Brdctg. Co.
z	Obergon, Son., Emilio Manzanilla.
z	Mexico City, D. F., Pedro Riestra Diaz.

1300 kcs. (230.6 m.)

CMAN	...O	1000
CMJF	....	250
KGLO	...C	1000
KOL	...X	1000(5)
KVOR	...C	1000
WASH	...a	500
WFBR	....	1000(5)
WJDJ	...R	1000(5)
WOOD	...a	500
WWNY	DP	500
XEGF	....	100
XEP	....	500
XES	....	5000
YV1RA	....	100

a	Pinar del Rio, Cuba, RHC-Cadena Azul.
z	Camaguey, Cuba, John L. Stowers.
a	Mason City, Iowa, Mason City Globe Gazette Co.
Ma	Seattle, Wash., Seattle Brdctg. Co., Inc.
a	Colorado Springs, Colo., Out West Brdctg. Co.
Na	Grand Rapids, Mich., King-Trendle Brdctg. Corp.
Ra	Baltimore, Md., Baltimore Radio Show, Inc.
a	Jackson, Miss., Lamar Life Ins. Co.
Na	Grand Rapids, Mich., King-Trendle Brdctg. Corp.
z	Watertown, N. Y., The Brockway Co.
z	Culiacan, Sin.
a	Tuarez, Chih., Estaban Perra.
z	Tampico, Tam., Fernando Sada.
a	Maracaibo, Venezuela

1310 kcs. (228.9 m.)

CMGN	...O	1000
KFBB	...C	5000
KLS	....	1000
TGI	....	500
WCAM	...2	500
WCAP	...2	500
WDOD	...C	5000
WIBA	...N	5000
WISH	...P	1000(5)
WORC	...C	1000
WRR	....	5000
WTNI	...2	500
XEAD	....	500
XEC	....	100
XEHB	....	1000
XEMG	....	250

a	Jovellanos, Cuba, RHC-Cadena Azul.
a	Great Falls, Mont., Buttrey Broadcast, Inc.
a	Oakland, Calif., Warner Bros.
d	Guatemala, City, Guat., "Radio Morse."
a	Camden, N. J., City of Camden.
a	Asbury Park, N. J., Radio Industries Broadcast Co.
a	Chattanooga, Tenn., WDOD Brdctg. Corp.
c	Madison, Wis., Badger Brdctg. Co., Inc.
z	Indianapolis, Ind., Captiol Brdctg. Corp.
a	Worcester, Mass., Alf. Frank Kleindienst.
MTa	Dallas, Tex., City of Dallas.
a	Trenton, N. J., WOAX, Inc.
z	Guadalajara, Jal.
z	Tijuana, B. Cfa., Luis F. Encisco.
a	Veracruz, Ver. C.
z	Monterrey, N. L.

1320 kcs. (227.1 m.)

CMHP	....	250
CMKE	....	250

z	Placetas, Cuba, Guevara y Gonzalez.
a	Manzanillo, Cuba.

BROADCASTING STATIONS BY FREQUENCIES

KDYL	R	5000	a	Salt Lake City, Utah, Intermountain Brdcastg. Corp.
KLCN	D	100	a	Blytheville, Ark., Fred O. Grimwood.
KTRH	XZ	5000	Ca	Houston, Tex., KTRH Brdcastg. Co.
WATR	X	250	Dma	Waterbury, Conn., WATR Co., Inc.
WEBC	N	5000	a	Duluth, Minn., Head of the Lakes Brdcastg. Co.
WJAS	C	5000	a	Pittsburgh, Pa., Pittsburgh Radio Supply House.
WJHP	....	250	a	Jacksonville, Fla., The Metropolis Co.
WNBZ	D	100	a	Saranac Lake, N. Y., Up-State Brdcastg. Corp.
WNEL	....	5000	a	San Juan, P. R., Juan Piza.
XEAI	....	500	z	Mexico City, D. F., Carmen Gutierrez.
XESY	....	200	z	Nogales, Son.
1330 kcs. (225.4 m.)				
CMBG	2	1500	z	Havana, Cuba, John L. Stowers.
CMBS	2	250	a	Havana, Cuba, Enrique Artalejo.
KALE	M	5000	a	Portland, Ore., KALE, Inc.
KFAC	....	1000	a	Los Angeles, Calif., Los Angeles Brdcastg. Co., Inc.
KFHC	C	5000	a	Wichita, Kans., Radio Station KFHC Co.
WBBR	2	1000	a	Brooklyn, N. Y., Watch Tower Bible & Tract Society, Inc.
WEVD	2X	1000	a	New York, N. Y., Debs Memorial Radio Fund, Inc.
WFBC	N	5000	a	Greenville, S. C., Greenville News-Piedmont Co.
WHAZ	2	1000	a	Troy, N. Y., Rensselaer Polytechnic Institute.
WHBL	X	250(1)	g	Sheboygan, Wis., Press Pub. Co.
WLWL	....	1000	a	Minneapolis, Minn., Independent Merchants Brdcastg. Co.
XEBO	....	600	z	Irapuato, Gto., Alfonso Martinez.
XEKS	....	100	z	Saltillo, Coah.
1340 kcs. (223.7 m.)				
CFPG	....	250	a	Grande Prairie, Alta., Northern Brdcastg. Corp.
CHCK	....	50	a	Charlottetown, P. E. I., CHCK Radio Brdcastg. Co.
CHWK	F	100	a	Chilliwick, B. C., Chilliwick Brdcastg. Co., Ltd.
CJLS	F	100	a	Yarmouth, N. S., Laurie L. Smith.
CKCO	F	100	a	Ottawa, Ont., Dr. G. M. Geldert.
CKCV	F	100	a	Quebec, P. Q., CKCV, Ltd.
CMCJ	....	250	z	Camaguey, Cuba, Calle Cisneros y General Gomez.
KAND	X	100	z	Corsicana, Tex., Navaro Brdcastg. Assn.
KARM	C	250	a	Fresno, Calif., KARM, The George Harm Station
KBND	....	250	z	Bend, Ore., The Bend Bulletin.
KCKN	E	250	a	Kansas City, Kans., KCKN Brdcastg. Co.
KCRI	E	250	a	Jerome, Ariz., Central Arizona Brdcastg. Co.
KFPL	....	100(.25)	f	Dublin, Tex., C. C. Baxter.
KFYO	....	250	MTa	Lubbock, Tex., Plains Radio Brdcastg. Co.
KGEZ	XZ	250	a	Kalispell, Mont., Donald C. Treloar.
KGFV	....	250	a	Kearney, Nebr., Central Nebraska Brdcastg. Corp.
KHMO	P	250	z	Hannibal, Mo., Courier-Post Pub. Co.
KHUB	....	250	a	Watsonville, Calif., John P. Scripps.
KMYR	P	100(.25)	z	Denver, Colo., F. W. Meyer.
KOCY	....	250	a	Oklahoma City, Okla., Plaza Court Brdcastg. Co.
KOME	EM	250	z	Tulsa, Okla., Oil Capital Sales Corp.
KPDN	....	100	a	Pampa, Tex., R. C. Hoiles.
KRBA	D	250	a	Lufkin, Tex., Red Lands Brdcastg. Assn.
KRIF	P	250	z	Miles City, Mont., Star Printing Co.
KRMD	....	250	a	Shreveport, La., KRMD, Inc.
KROC	EN	250	a	Rochester, Minn., Southern Minn. Brdcastg. Co.
KROS	P	250	z	Clinton, Iowa, Clinton Brdcastg. Corp.
KSUB	....	100	a	Cedar City, Utah, Southern Utah Brdcastg. Co.
KUIN	....	250	a	Grants Pass, Ore., Southern Oregon Brdcastg. Co.
KVIC	....	250	a	Victoria, Tex., Radio Enterprises, Inc.
KVOL	....	250	a	Lafayette, La., Evangeline Brdcastg. Co., Inc.
KVOX	E	250	a	Moorhead, Minn., KVOX Brdcastg. Co.
KVSF	C	100	a	Santa Fe, N. Mex., N. Mex. Brdcastg. Co.
KWFC	....	250	a	Hot Springs, Ark., Hot Springs Brdcastg. Co.
KWLM	....	100	a	Willmar, Minn., Lakeland Brdcastg. Co.
KWOC	....	250	a	Poplar Bluff, Mo., Radio Station KWOC.
KWOS	....	250	a	Jefferson City, Mo., Tribune Printing Co.
KXRO	M	250	a	Aherdeen, Wash., KXRO, Inc.
WAIR	DM	250	a	Winston-Salem, N. C., Radio Station WAIR.
WAML	....	250	a	Laurel, Miss., New Laurel Radio Station, Inc.
WBRE	....	250	NQa	Wilkes-Barre, Pa., Louis G. Baltimore
WBRK	....	250	DMYa	Pittsfield, Mass., Monroe B. England.
WBRW	....	250	a	Welch, W. Va., Mc Dowell Service Co.
WCLS	....	250	a	Joliet, Ill., WCLS, Inc.
WCMJ	M	250	a	Ashland, Ky., Ashland Brdcastg. Co.
WDAK	....	250	a	West Point, Ga., Valley Brdcastg. Co.
WDMJ	....	250	a	Marquette, Mich., Lake Superior Brdcastg. Co.
WFBR	B	250	a	Buffalo, N. Y., WFBR, Inc.
WEIM	P	250	z	Fitchburg, Mass., Ruben E. Aronheim.
WEMP	....	250	a	Milwaukee, Wis., Milwaukee Brdcastg. Co.
WEXL	X	50	a	Royal Oak, Mich., Royal Oak Brdcastg. Co.

BROADCASTING STATIONS BY FREQUENCIES

WFBG	R	250	a	Altoona, Pa., Gable Brdcastg. Co.
WFHR	....	250	a	Wisconsin Rapids, Wis., Wm. F. Huffman.
WFIG	....	100(25)	a	Sumter, S. C. J. Samuel Brody.
WGAU	....	250	a	Athens, Ga., J. K. Patrick & Co.
WGH	K	250	a	Newport News, Va., Hampton Roads Brdcastg. Corp.
WGTM	....	250	a	Wilson, N. C., WGTM, Inc.
WHAT	2	100	a	Philadelphia, Pa., Independent Brdcastg. Co., Inc.
WINX	....	250	a	Washington, D. C. Lawrence J. Heller.
WIZE	....	100	a	Springfield, Ohio, Radio Voice of Springfield, Inc.
WJMA	P	250	z	Covington, Va., Arrington & Arrington.
WJPF	....	250	z	Herrin, Ill., Orville W. Lyerla.
WJPR	....	250	a	Greenville, Miss., John R. Pepper.
WLAK	N	250	z	Lakeland, Fla., Lake Region Brdcastg. Co.
WLAV	....	250	a	Grand Rapids, Mich., Leonard A. Verslius.
WLBC	....	250	a	Muncie, Ind., Donald A. Burton.
WLBI	....	250	a	Bowling Green, Ky., Bowling Green Brdcastg. Co.,
WLNH	....	250	MYa	Laconia, N. H., Northern Brdcastg. Co.
WMBO	....	250	Sa	Auburn, N. Y., WMBO, Inc.
WMFF	B	250	a	Plattsburg, N. Y., Plattsburg Brdcastg. Corp.
WNBH	....	250	DMYa	New Bedford, Mass., E. Anthony & Sons, Inc.
WPER	....	250	z	De Land, Fla., Tropical Brdcastg. Co.
WRAV	....	250	NQa	Reading, Pa., Reading Brdcastg. Co.
WSAJ	G	100	a	Grove City, Pa., Grove City College.
WSAV	N	250	a	Savannah, Ga., WSAV, Inc.
WSGN	XZ	250	BEMa	Birmingham, Ala., Birmingham News Co.
WSOY	....	250	a	Decatur, Ill., Commodore Brdcastg., Inc.
WSTV	....	250	a	Steubenville, Ohio, Valley Brdcastg. Co.
WTAL	....	100(25)	a	Tallahassee, Fla., Florida Capitol Brdcastg., Inc.
WTEL	2	100	a	Philadelphia, Pa., Foulkrod Radio Eng. Co.
WTRC	....	250	a	Elkhart, Ind., Truth Pub. Co., Inc.
XEAA	....	250	a	Mexicali, B. Cta., Alberto Gonzalez.
XEBK	....	100	a	Nuevo Laredo, Tam., Guajardo y Cortes.
XECA	....	250	z	Tampico, Tam., Nicolas M. Picet.
XECF	....	150	z	Los Mochis Sin., Francisco Perez H.
XECW	....	250	a	Cordoba, Ver. C., Voz del Sudeste de Mexico.
XEDH	....	200	z	Villa Acuna, Coah., Vincente Hernandez.
XEFQ	....	250	z	Merida, Yuc., Julio Molina Font.
XEFZ	....	250	z	Coatzacoalcos, Ver. C., Pedro E. Rocher.
XEIK	....	100	z	Chihuahua, Chih., Manuel Armandariz.
XFLW	....	250	z	Guadalajara, Jal.
XEMA	....	100	z	Fresnillo, Zac., Jose Ma. Acevedo Moya.
XEXS	....	100	z	Toluca, Mex., Instituto Cientifica y Literario
....	P	250	z	Cedartown, Ga., Northwest Ga. Brdcastg. Co.

1350 kcs (222.1 m.)

CMHJ	....	250	a	Cienfuegos, Cuba, Romualdo Ugalde.
CMKY	....	100	z	Puerto Padre, Cuba.
HIZ	....	200	z	Trujillo, D. R.
KGHF	B	500	a	Pueblo, Colo., Curtis P. Ritchie.
KID	....	500(5)	a	Idaho Falls, Idaho, KID Brdcastg. Co.
KRNT	C	5000	a	Des Moines, Iowa, Iowa Brdcastg. Co.
KSRO	....	1000	a	Santa Rosa, Calif., Ernest L. Finley.
WADC	C	5000	a	Akron, Ohio, Allen T. Simmons.
WORK	....	1000	INQa	York, Pa., York Brdcastg. Co.
WSMB	R	5000	a	New Orleans, La., WSMB, Inc.
XEOK	....	500	z	Mexico City, D. F.
XETB	....	500	z	Torrecon, Coah., Aurelio G. Zaragoza.
XETM	....	1000	z	Naco, Son.
YV4RA	....	830	b	Valencia, Venezuela, "La Voz de Carabobo."

1360 kcs. (220.4 m.)

CMC	3	250	a	Havana, Cuba, Valdez y Cia.
CMOA	3	250	a	Havana, Cuba, Juan Fernandez Duran.
KGB	M	1000	a	San Diego, Calif., Don Lee Brdcastg. System.
KMO	M	5000	a	Tacoma, Wash., Carl E. Haymond.
KRIS	....	1000	MTa	Corpus Christi, Tex., Gulf Coast Brdcastg. Co.
KSCI	N	5000	a	Sioux City, Iowa, Sioux City Journal.
WDRC	C	5000	g	Hartford, Conn., WDRC, Inc.
WKAT	....	1000	a	Miami Beach, Fla., A. Frank Katzentine.
WSAI	MN	5000	a	Cincinnati, Ohio, Crosley Corp.
WTAQ	C	5000	a	Green Bay, Wis., WHBY, Inc.
XEBI	....	250	a	Aguascalientes, Ags., Pedro C. Rivas
XESA	....	500	z	Culiacan, Sin.
XEWG	....	1000	z	Iuarez, Chih.

1370 kcs. (218.8 m.)

CMAC	P	100	z	Guanajay, Cuba.
CMJH	....	250	d	Ciego de Avila, Cuba, Luis Maraui H.
KDTH	P	1000	z	Dubuque, Iowa, Telegraph Herald Co.
KPFO	....	1000	MTa	Longview, Tex., Voice of Longview.

BROADCASTING STATIONS BY FREQUENCIES

KGIR	EN	5000	a	Butte, Mont., KGIR, Inc.
KGNO	....	250 (1)	c	Dodge City, Kans., Dodge City Brdctsg. Co.
WCOA	N	500 (1)		Pensacola, Fla., Pensacola Brdctsg. Co.
WFEE	....	5000	DMNY a	Manchester, N. H., N. H. Brdctsg. Co.
WFNC	D	250		Fayetteville, N. C., Cumberland Brdctsg. Co.
WPAB	....	1000	a	Ponce, P. R., Portorican American Brdctsg. Co. Inc.
WSPD	R	5000	a	Toledo, Ohio, The Fort Industry Co.
XEA	....	250	z	Campeche, Cam.
XEAF	....	1000	a	Nogales, Son.
XEHL	....	500	z	Guadalajara, Jal.
XEMR	....	500	z	Monterrey, N. L.
YV1RW	....	1000	z	Coro, Venezuela, Radio Coro.

1380 kcs. (217.3 m.)

CKPC	....	100	a	Brantford, Ont., Telephone City Brdctsg. Ltd.
CMHK	....	250	z	Cruces, Cuba, R. G. Gonzalez.
KBWD	P	500	z	Brownwood, Tex., Brown County Brdctsg. Co.
KIDO	....	1000 (2.5)	Na	Boise, Idaho, Boise Brdctsg. Station.
KTSM	N	500	a	El Paso, Tex., Tri-State Brdctsg. Co., Inc.
KWK	BM	5000	a	St. Louis, Mo., Thomas Patrick, Inc.
WAWZ	2	1000	a	Zarephath, N. J., Pillar of Fire.
WBNX	2	5000	a	New York, N. Y., WBNX Brdctsg. Co., Inc.
WMBG	R	1000 (5)	a	Richmond, Va., Havens & Martin, Inc.
WTSP	....	500 (1)	a	St. Petersburg, Fla., Pinellas Brdctsg. Co.
XELF	....	250	z	Nuevo Laredo, Tam.
XEMX	....	500	z	Mexico City, D. F.

1390 kcs. (215.7 m.)

CMBX	2	250	a	Havana, Cuba, Alberto Alvarez.
CMCB	2	250	a	Havana, Cuba, La Metropolitana.
CMKR	....	250	z	Santiago de Cuba, Jaime Nadal.
KCRC	X	250	EMa	Enid, Okla., Enid Radiophone Co.
KGFR	....	1000	a	Long Beach, Calif., Consolidated Brdctsg. Corp.
KLPM	....	1000	a	Minot, N. Dak., John B. Cooley.
KSLM	M	1000	a	Salem, Ore., Oregon Radio, Inc.
WCSC	....	500 (1)	Ca	Charleston, S. C., S. C. Brdctsg. Co., Inc.
WFBL	C	5000	a	Syracuse, N. Y., Onondaga Radio Brdctsg. Corp.
WGES	GX	500 (1)	a	Chicago, Ill., Oak Leaves Brdctsg. Station, Inc.
WQBC	D	1000	a	Vicksburg, Miss., Delta Brdctsg. Co., Inc.
WTJS	....	1000	a	Jackson, Tenn., Sun Pub. Co., Inc.
XEAZ	....	250	z	Reynosa, Tam., Carlos V. Rodriguez.
XEM	....	500	z	Chihuahua, Chih.

1400 kcs. (214.2 m.)

CFAR	....	100	a	Flin Flon, Man., Arctic Radio Corp.
CFOS	....	100	a	Owen Sound, Ont., Owen Sound Sun-Times.
CHRC	....	100	a	Quebec, P. Q., CHRC, Ltd.
CIOC	F	100	a	Lethridge, Alta., H. R. Carson, Ltd.
CKCW	F	100	a	Moncton, N. B., Moncton Brdctsg. Co., Ltd.
CKRN	....	250	a	Rouyn, P. Q., La Cie de Radiodiffusion.
CMJW	....	250	z	Camaguey, Cuba.
KELD	....	250	a	El Dorado, Ark., Radio Enterprises, Inc.
KENO	....	250	a	La Vegas, Nev., Nevada Brdctsg. Co.
KEVR	3	100	a	Seattle, Wash., Evergreen Brdctsg. Corp.
KFGO	D	100	a	Roone, Iowa, Boone Biblical College.
KFPW	....	250	a	Fort Smith, Ark., Southwestern Hotel Co.
KFRU	....	250	a	Columbia, Mo., KFRU, Inc.
KFVS	....	250	a	Cape Girardeau, Mo., Hirsch Battery & Radio Co.
KGFL	....	100	a	Roswell, N. Mex., KGFL, Inc.
KGFL	....	250	MTa	San Angelo, Tex., KGKL, Inc.
KICA	....	100	a	Clovis, N. Mex., Western Broadcasters, Inc.
KIUN	....	100	a	Pecos, Tex., J. Hawkins & B. H. Tubbs.
KIUP	....	250	a	Durango, Colo., San Juan Brdctsg. Co.
KLUF	....	250	MTa	Galveston, Tex., KLUF Brdctsg. Co., Inc.
KMAC	5	250	a	San Antonio, Tex., The Wolmac Co.
KOBH	....	250	a	Rapid City, S. Dak., Black Hills Brdctsg. Co.
KOKO	....	100	a	La Junta, Colo., Southwest Brdctsg. Co.
KONO	5	250	a	San Antonio, Tex., Mission Brdctsg. Co.
KORN	....	250	a	Fremont, Nebr., Nebraska Brdctsg. Corp.
KRE	....	250	a	Berkeley, Calif., Central Calif. Broadcasters, Inc.
KRKO	3	100 (25)	a	Everett, Wash., Everett Brdctsg. Co., Inc.
KRLC	....	250	a	Lewiston, Idaho, H. E. Studebaker.
KRMC	....	250	a	Jamestown, N. Dak., Jamestown Brdctsg. Co., Inc.
KTEM	....	250	MTa	Temple, Tex., Bell Brdctsg. Co.
KTOK	EMN	250	a	Oklahoma City, Okla., Oklahoma Brdctsg. Co., Inc.
KTWS	M	250	a	Emporia, Kans., Emporia Brdctsg. Co., Inc.
KTUC	CE	250	a	Tucson, Ariz., Tucson Brdctsg. Co., Inc.

BROADCASTING STATIONS BY FREQUENCIES

KVFD	G	250	a	Fort Dodge, Iowa, Northwest Brcdstg. Co.
KVGB	.....	250	a	Great Bend, Kans., Helen Townsley.
KVRS	.....	250	a	Rock Springs, Wyo., Wyoming Brcdstg. Co.
KWLK	.....	250	a	Longview, Wash., Twin City Brcdstg. Corp.
KWYO	.....	250	a	Sheridan, Wyo., Big Horn Brcdstg. Co., Inc.
KYAN	P	250	z	Cheyenne, Wyo., Western Brcdstg. Co. of Wyo.
WABY	.....	250	BMSa	Albany, N. Y., Adirondack Brcdstg. Co., Inc.
WAGF	D	250	a	Dothan, Ala., Dothan Brcdstg. Co.
WARM	P	250	z	Scranton, Pa., Union Brcdstg. Co.
WATL	M	250	z	Atlanta, Ga., Atlanta Brcdstg. Co.
WATW	.....	100	a	Ashland, Wis., WJMS, Inc.
WBLK	N	250	a	Clarksburg, W. Va., Charleston Brcdstg. Co.
WBNI	2	250	a	Buffalo, N. Y., Roy L. Albertson.
WBTH	.....	250	z	Williamson, W. Va., Williamson Brcdstg. Corp.
WBTM	.....	100.(25)	a	Danville, Va., Piedmont Brcdstg. Corp.
WCBI	.....	250	a	Columbus, Miss., Birney Imes.
WCBM	.....	250	Ia	Baltimore, Md., Baltimore Brcdstg. Corp.
WCNC	.....	250	z	Elizabeth City, N. C., Albermarle Brcdstg. Co.
WCOS	.....	250	z	Columbia, S. C., Carolina Adv. Corp.
WDAS	.....	250	z	Philadelphia, Pa., WDAS Brcdstg. Station, Inc.
WDEF	.....	250	a	Chattanooga, Tenn., Joe W. Engel.
WDWS	.....	250	a	Champaign, Ill., Champaign News-Gazette, Inc.
WELL	B	250	a	Battle Creek, Mich., Federated Publications, Inc.
WEOA	C	250	a	Evansville, Ind., Evansville, on the Air, Inc.
WEST	.....	250	MQa	Easton, Pa., Associated Broadcasters, Inc.
WFOR	.....	250	a	Hartleburg, Miss., Forrest Brcdstg. Co., Inc.
WFTL	.....	250	a	Fort Lauderdale, Fla., Tom M. Byran.
WGBR	.....	250	a	Goldsboro, N. C., Eastern Carolina Brcdstg. Co.
WGIL	.....	250	a	Galesburg, Ill., Galesburg Brcdstg. Co.
WGRC	M	250	a	New Albany, Ind., North Side Brcdstg. Corp.
WHBO	.....	250	a	Memphis, Tenn., WHBO, Inc.
WHDF	.....	250	a	Calumet, Mich., Upper Mich. Brcdstg. Co.
WHKY	.....	250	a	Hickory, N. C., Catawba Valley Brcdstg. Co., Inc.
WHLB	C	250	a	Virginia, Minn., Head of the Lakes Brcdstg. Co.
WHUB	.....	250	a	Cookeville, Tenn., WHUB, Inc.
WHYN	.....	250	a	Holyoke, Mass., Hampden-Hampshire Corp.
WINC	P	250	ROa	Winchester, Va., Richard Field Lewis.
WIAC	.....	250	a	Johnstown, Pa., WIAC, Inc.
WILB	.....	100.(25)	a	Opelika, Ala., Opelika-Auburn Brcdstg. Co.
WJLM	P	250	z	Detroit, Mich., John L. Booth Brcdstg., Inc.
WKMO	P	250	z	Clarksville, Tenn., Wm. D. Hudson.
WKPT	N	250	z	Kokomo, Ind., Kokomo Brcdstg. Corp.
WKWK	P	250	z	Kingsport, Tenn., Kingsport Brcdstg. Co., Inc.
WLLH	Sx	10-100	Ya	Wheeling, W. Va.
WLLS	S	250	DMYa	Lawrence, Mass., Merrimac Brcdstg. Co., Inc.
WMAN	.....	250	a	Lowell, Mass., Merrimac Brcdstg. Co., Inc.
WMBR	C	250	a	Mansfield, Ohio, Richland, Inc.
WMFD	.....	100.(25)	a	Tacksonville, Fla., Florida Brcdstg. Co.
WMGA	.....	250	z	Wilmington, N. C., Richard A. Dunlea.
WMIN	.....	250	a	Moultrie, Ga., Frank R. Pidcock, Sr.
WMSL	E	250	a	St. Paul, Minn., WMIN Brcdstg. Co.
WORD	.....	250	a	Decatur, Ala., Tenn. Valley Brcdstg. Co., Inc.
WPAY	.....	250	a	Spartanburg, S. C., Spartanburg Advertising Co.
WRAK	.....	250	a	Portsmouth, Ohio, Veebee Corp.
WRDO	.....	100	MNYa	Williamsport, Pa., WRAK, Inc.
WRN	.....	250	a	Augusta, Maine, WRDO, Inc.
WRSA	.....	250	a	Racine, Wis., Racine Brcdstg. Corp.
WSLB	.....	250	a	Wausau, Wis., Northern Brcdstg. Co., Inc.
WSRR	P	250	z	Ogdensburg, N. Y., St. Lawrence Brcdstg. Corp.
WSVS	G2	50	a	Stamford, Conn., Stephen R. Rintoul.
WTCM	.....	250	e	Buffalo, N. Y., Board of Education.
XEAJ	.....	100	z	Traverse City, Mich., Midwestern Brcdstg. Co.
XEAM	.....	100	z	Navajoa, Son.
XEDE	.....	250	z	Matamoros, Tam.
XEF	.....	100	z	Torreón, Coah.
XEI	.....	250	a	Juarez, Chih., Gilberto Gil.
XEIA	.....	100	z	Morelia, Micho., Carlos Gutierrez M.
XEKI	.....	250	z	Jalapa, Ver. C.
XEMH	.....	100	z	Acapulco, Gro.
XEPF	.....	100	z	Merida, Yuc.
XEWE	.....	100	z	Ensenada, B. Cfa.
XEXM	.....	250	z	Silao, Gto.
XEXO	.....	100	z	Guadalajara, Jal.
YVIRC	.....	500	z	San Luis Potosi, S.L.P.
YV4RE	.....	1000	a	Maracaibo, Venez., "La Voz de la Fe."
YV6RA	.....	200	a	Valencia, Venez., "Radio Valencia."
			a	Bolivar, Venez., "Ecos del Orinoco."
1460 kcs. (212.5 m.)				
CKMO	.....	1000	a	Vancouver, B. C., B. C. Brcdstg. Sys., Ltd.
CMHB	.....	250	z	Sancti Spiritus, Cuba, V. E. Weiss y Cia.

BROADCASTING STATIONS BY FREQUENCIES

KERN	BE	1000	a	Bakersfield, Calif., McClatchy Brdstg. Co.
KQV	....	1000	a	Pittsburgh, Pa., KQV Brdstg. Co.
WALA	....	5000	a	Mobile, Ala., Pape Brdstg. Co.
WING	N	5000	a	Dayton, Ohio, Great Trails Brdstg. Corp.
WKBH	C	5000	a	La Crosse, Wis., WKBH, Inc.
WNBC	B	1000(5)	a	New Britain, Conn., State Brdstg. Corp.
XEBS	....	750	z	Mexico City, D. F.
XELC	....	250	z	Laredo, Tam.
XERY	....	500	z	Agua Prieta, Son.

1420 kcs. (211.1 m.)

CMBD	2	250	z	Havana, Cuba, Luiz Perez Marcia.
CMCQ	2	250	a	Havana, Cuba, Calle Vista Alegre.
KABR	....	5000	a	Aberdeen, S. Dak., Aberdeen Brdstg. Co.
KLRA	C	5000	a	Little Rock, Ark., Arkansas Brdstg. Co.
KUJ	....	1000	a	Walla Walla, Wash., KUJ, Inc.
WFCI	....	1000	a	Pawtucket, R. I., Pawtucket Brdstg. Co.
WHK	BKM	5000	a	Cleveland, Ohio, United Brdstg. Co.
WWSR	DP	1000	z	St. Albans, Vt., Vermont Radio Corp., Inc.
XEDS	....	500	z	Mazatlan, Sin.
XESJ	....	1000	z	Saltillo, Coah.

1430 kcs. (209.7 m.)

CMKZ	....	250	z	Palma Soriano, Cuba, Joaquin Venero Obregon.
KLO	BEM	5000	a	Ogden, Utah, Interstate Brdstg. Corp.
KTUL	C	5000	a	Tulsa, Okla., Tulsa Brdstg. Co., Inc.
WBYN	....	500	a	Brooklyn, N. Y., Unified Brdstg. Corp.
WIRE	MR	5000	a	Indianapolis, Ind., Indianapolis Brdstg., Inc.
XEAO	....	100	z	Villa Acuna, Coah.
XECZ	....	1000	z	San Luis Potosi, S. L. P., Zeferino Z. Jiminez.
XEOK	....	100	z	Progreso, Yuc., Arturo Pina Perez.
YV4RL	....	300	a	Maracay, Venez., "Radio Maracay".
....	P	500	z	Tacoma, Wash. Michael J. Mingo.

1440 kcs. (208.2 m.)

CMGH	....	500	a	Matanzas, Cuba, "Rialto".
CMJI	....	250	a	Ciego de Avila, Cuba, Gilberto Gesse Lopez.
KFJM	....	500(1)	a	Grand Forks, N. Dak., University of N. Dak.
KGNC	M	1000(5)	a	Amarillo, Tex., Plains Radio Brdstg. Co.
KMED	N	1000	b	Medford, Ore., Mrs. W. J. Virgin.
WAAB	....	1000	DMA	Boston, Mass., The Yankee Network, Inc.
WBCM	....	500(1)	a	Bay City, Mich., Bay Brdstg. Co., Inc.
WHIS	....	500(1)	a	Bluefield, W. Va., Daily Telegram Ptg. Co.
WROK	M	500(1)	a	Rockford, Ill., Rockford Broadcasters, Inc.
WSPA	E	500(1)	a	Montgomery, Ala., Montgomery Brdstg. Co., Inc.
XEFI	....	1000	a	Chihuahua, Chih., Feliciano Lopez Islas.
XELZ	....	1000	z	Mexico City, D. F., Maria Gardena de Zetina.
XERT	....	500	z	Tijuana, B. Cfa.

1450 kcs. (206.8 m.)

CFLC	....	100	a	Prescott, Ont., Radio Ass'n of Prescott.
CHLN	....	100	a	Three Rivers, P.Q., Three Rivers le Nouvelliste.
KCCA	....	100(25)	a	Kenora, Ont., Kenora Brdstg. Co., Ltd.
CKLN	F	100	a	Nelson, B. C., News Pub., Co., Ltd.
CMAB	....	250	z	Pinar del Rio, Cuba, Hotel Ricardo.
CMHM	....	250	z	Cienfuegos, Cuba.
HRN	....	500	b	Tegucigalpa, Honduras, "La Voz de Honduras".
KABC	....	250	MTA	San Antonio, Tex., Alamo Brdstg. Co., Inc.
KATE	E	250	a	Albert Lea, Minn., Albert Lea Austin Brd. Co. Inc.
KBPS	4	100	a	Portland, Ore., Benson Polytechnic School.
KCMC	....	250	MTA	Texarkana, Tex., KCMC, Inc.
KDNT	....	100	a	Denton, Tex., Harwell V. Shepard.
KEUB	EM	250	a	Price, Utah Eastern Utah Brdstg. Co.
KFAM	EN	250	a	St. Cloud, Minn., The Times Pub. Co.
KFBC	....	250	a	Cheyenne, Wyo., Frontier Brdstg. Co.
KFIZ	....	100	Ea	Fond du Lac, Wis., Reporter Printing Co.
KFMB	....	250	z	San Diego, Calif. Worcester Brdstg. Corp.
KFUN	P	250	z	Las Vegas, Nev.
KGFF	EM	250	a	Shawnee, Okla., KGFF Brdstg. Co., Inc.
KGIW	3	100	a	Alamosa, Colo., E. L. Allen.
KGLU	EN	250	a	Safford, Ariz., Gila Brdstg. Co.
KIDW	3	100	a	Lamar, Colo., Lamar Brdstg. Co.
KLBM	....	250	a	La Grande, Ore., Harold M. Finley.
KMYC	....	100	a	Marysville, Calif., Marysville-Yuba City Brdstg., Inc.
KNET	D	100	a	Palestine, Tex., Bonner Frizzell.
KORE	M	250	a	Eugene, Ore., Eugene Broadcast Station.

BROADCASTING STATIONS BY FREQUENCIES

KRBC	....	250	MTa	Abilene, Tex., Reporter Brdcast. Co.
KRBM	EN	250	a	Bozeman, Mont., KRBM Broadcasters.
KRIC	....	250	z	Beaumont, Tex., KRIC, Inc.
KRLH	....	250	z	Midland, Tex., Clarence Scharbaur.
KSAN	....	250	a	San Francisco, Calif., Golden Gate Brdcastg. Corp.
KTRI	....	250	f	Sioux City, Iowa, Sioux City Brdcastg. Co.
KVAL	....	100	a	Atchison, Kans., Carl Latenser.
KWBG	....	250	a	Wallace, Idaho, C. Howarth and C. Berger.
KXL	4XZ	250	a	Hutchinson, Kans., Nations Center Brdcast. Co., Inc.
TGO	....	200	b	Portland, Ore., KXL Broadcasters.
WACO	....	250	MTb	Quezaltenango Guatemala, Director of Elec. Comm.
WAGM	G	100	a	Waco, Tex., Frontier Brdcastg. Co., Inc.
WAOV	....	100	a	Presque Isle, Maine, Arnostook Brdcastg. Corp.
WAZL	....	250	a	Vincennes, Ind., Vincennes News Papers, Inc.
WCBS	N	250	MQa	Hazelton, Pa., Hazelton Brdcastg. Service, Inc.
WCHV	....	250	a	Springfield, Ill., WCBS, Inc.
WEED	....	250	a	Charlottesville, Va., Community Brdcastg. Corp.
WFMT	....	250	a	Rocky Mount, N. C., Wm. Avera Wynne.
WFPG	....	250	a	Youngstown, Ohio, Wm. F. Maag, Jr.
WGL	N	250	a	Atlantic City, N. J., Neptune Brdcastg. Corp.
WGNC	....	250	a	Fort Wayne, Ind., Westinghouse Radio Stations, Inc.
WGOV	....	250	a	Gastonia, N. C., WGNC, Inc.
WGPC	....	250	a	Valdosta, Ga., Governor E. D. Rivers.
WHDL	....	250	a	Albany, Ga., Albany Brdcastg. Co., Inc.
WHFC	....	250	a	Olean, N. Y., WHDL, Inc.
WHLN	P	250	a	Cicero, Ill., WHFC, Inc.
WHLS	....	250	z	Harlan, Ky., Blanfox Radio Co., Inc.
WHMA	....	250	a	Port Huron, Mich., Port Huron Brdcastg. Co.
WIBM	B	250	a	Anniston, Ala., Harry M. Ayers.
WILM	....	250	a	Jackson, Mich., WIBM, Inc.
WIMS	....	250	Ia	Wilmington, Del., Delaware Brdcastg. Co.
WKEU	....	100	a	Ironwood, Mich., WMS, Inc.
WKIP	....	250	a	Griffin, Ga., Station WKEU.
WLAN	P	250	a	Poughkeepsie, N. Y., Poughkeepsie Brdcastg. Corp.
WLAP	M	250	z	Endicott, N. Y., Thomas J. Watson.
WLEU	....	250	BQa	Lexington, Ky., American Brdcastg. Corp.
WLPM	....	250	a	Erie, Pa., WLEU Brdcastg. Corp.
WMAS	C	250	a	Suffolk, Va., Suffolk Brdcastg. Corp.
WMBH	....	250	a	Springfield, Mass., WMAS, Inc.
WMDP	P	250	a	Joplin, Mo., Joplin Brdcastg. Co.
WMTJ	N	250	a	Greenwood, S. C., Grenco, Inc.
WMSD	....	250	a	Daytona Beach, Fla., W. Wright Esch.
WMVA	P	100(.25)	a	Muscle Shoals City, Ala., Muscle Shoals Brd. Corp.
WNAB	P	250	z	Martinsville, Va., Martinsville Brdcastg. Co.
WNOE	....	250	z	Bridgeport, Conn., Harold Thomas
WOC	....	250	z	New Orleans, La., WNOE, Inc.
WPAD	....	250	a	Davenport, Iowa, Tri-City Brdcastg. Co.
WPAR	C	250	a	Paducah, Ky., Paducah Brdcastg. Co.
WRLC	P	250	a	Parkersburg, W. Va., Ohio Valley Brdcastg. Corp.
WSLI	....	250	a	Toccoa, Ga., R. G. Le Tourneau
WSPB	....	250	a	Jackson, Miss., Standard Life Brdcastg. Co.
WWDC	P	250	a	Sarasota, Fla., WSPB, Inc.
XEBJ	....	100	z	Washington, D. C., Capital Brdcastg. Co.
XEBQ	....	100	z	Victoria, Tam., Fernando Elizalde.
XEDJ	....	100	z	Torreón, Coah., Maria Refugio Acosta.
XEFK	....	100	z	Magdalena, Son.
XFGC	....	100	z	Merida, Yuc., Manuel Zapata Espinosa.
XETX	....	250	z	Zamora, Micho., Guillermo Calzada.
XEPP	....	100	z	Aguascalientes, Ags.
XERK	....	100	z	Orizaba, Ver.
XEXE	....	100	z	Tepic, Nay.
XEXP	....	100	z	Texcoco, Mex.
XEY	....	250	z	Matamoros, Tam.
			z	San Luis Rio Colorado, Son.

1460 kcs. (205.4 m.)

CJGX	F	1000	a	Yorkton, Sask., Yorkton Brdcastg. Co., Ltd.
CMCG	....	250	z	Havana, Cuba, "La Onda", S.A.
CMKO	E	500	z	Santiago de Cuba, Cadena Azul.
KGNF	D	1000	a	North Platte, Nebr., Great Plains Brdcastg. Co.
KINY	....	1000	a	Juneau, Alaska, Edwin A. Kraft.
KSO	X	1000(5)	BMa	Des Moines, Iowa, Iowa Brdcastg. Co.
WBNS	C	1000(5)	a	Columbus, Ohio, WBNS, Inc.
WHEC	....	500(1)	a	Rochester, N. Y., WHEC, Inc.
WHP	C	1000(5)	b	Harrisburg, Pa., WHP, Inc.
WMP	....	500(1)	Ma	Memphis, Tenn., Memphis Brdcastg. Co.
WOKO	CK	500(1)	a	Albany, N. Y., WOKO, Inc.
XELH	....	100	z	Nuevo Laredo, Tam.
XETU	....	1000	z	Tampico, Tam.
....	P	500	z	Everett, Wash., Cascade Brdcastg. Co., Inc.

BROADCASTING STATIONS BY FREQUENCIES

1470 kcs. (204 m.)

CKGB	F	1000	a	Timmins, Ont., R. H. Thomson, North Bay.
CMGE	....	250	a	Cardenas, Cuba, Genaro Sebatier.
CMJO	....	250	a	Ciego de Avila, Cuba, Bonifacio Ildefonso.
HI80	....	25	z	Trujillo, D. R., Julio A. Garcia.
KDFN	....	1000	a	Casper, Wyo., Donald Lewis Hathaway.
KELA	M	1000	a	Centralia, Wash., Central Brcdstg. Corp.
KXYZ	XZ	1000	BMTa	Houston, Tex., Harris County Brcdstg. Co.
WBIG	C	5000	a	Greensboro, N. C., N. C. Brcdstg. Co., Inc.
WCBA	a	500	a	Allentown, Pa., Lehigh Valley Brcdstg. Co.
WMBD	C	1000(5)	a	Peoria, Ill., Peoria Brcdstg. Co.
WSAN	Xa	500	NQa	Allentown, Pa., Lehigh Valley Brcdstg. Co.
XEAU	....	5000	z	Tijuana, B. Cfa.
XESM	....	1000	z	Mexico City, D.F., Av. Claudio Bernard.
YV3RE	1475	1500	a	Barquisimeto, Venez., "Radio Barquisimeto"

1480 kcs. (202.6 m.)

CFCT	....	500	a	Victoria, B. C., Victoria Brcdstg. As'n.
CHGS	F	50	a	Summerside, P.E.I., R. T. Holman, Ltd.
CMHX	....	250	a	Cienfuegos, Cuba, J. Garcia R.
KCMO	....	1000(5)	a	Kansas City, Mo., KCMO Brcdstg. Co.
KGCX	F	1000	a	Wolf Point, Mont., E. E. Krebsback.
KIEM	M	500(1)	a	Eureka, Calif., Redwood Brcdstg. Co.
KTBS	N	1000	a	Shreveport, La., Tri-State Brcdstg. Sys., Inc.
WAGA	B	500(1)	a	Atlanta, Ga., Liberty Brcdstg. Corp.
WGAR	C	1000(5)	a	Cleveland, Ohio, WGAR Brcdstg. Co.
WHOM	....	500(1)	a	Jersey City, N. J., N. J. Brcdstg. Corp.
WSAR	....	1000	DMYf	Fall River, Mass., Doughty & Welch Elec. Co., Inc.

1490 kcs. (201.2 m.)

CFRC	F	100	a	Kingston, Ont., Queens University.
CHLP	F	100	a	Montreal, P.Q., La Patrie Pub. Co.
CJIC	F	100	a	Sault Ste. Marie, Ont., Whitby & Hyland.
CMCA	2	250	a	Havana, Cuba, Tester y Gonzalez.
CMKF	....	250	z	Holguin, Cuba, Manuel De Gongora.
CMOX	2	250	a	Havana, Cuba, Perez y Chisholm.
KAWN	....	100(.25)	a	Gallup, N. Mex., A. W. Mills.
KBIX	EM	250	a	Muskogee, Okla., Okla. Press Pub. Co.
KBKR	....	250	a	Baker, Ore., Louis P. Thornton.
KBST	....	100	MTa	Big Spring, Tex., Big Spring Herald Brcdstg. Co.
KBUR	P	250	z	Burlington, Iowa, Burlington Brcdstg. Co.
KDAL	C	250	a	Duluth, Minn., Red River Brcdstg. Co., Inc.
KDB	EM	250	a	Santa Barbara, Calif., Santa Barbara Brcdstrs., Ltd.
KDRO	....	250	z	Sedalia, Mo., Drolch Bros.
KEYS	....	250	a	Corpus Christi, Tex., Nueces Brcdstg. Co.
KGFI	....	100(.25)	a	Brownsville, Tex., Eagle Brcdstg. Co., Inc.
KGKB	....	250	MTa	Tyler, Tex., East Texas Brcdstg. Co.
KGKY	....	250	a	Scottsbluff, Nebr., Hilliard Co.
KNEL	....	100(.25)	a	Brady, Tex., G. L. Burns.
KNOW	....	250	MTa	Austin, Tex., Frontier Brcdstg. Co., Inc.
KONB	P	250	z	Omaha, Nebr., MSB Brcdstg. Co.
KOTN	....	250	a	Pine Bluff, Ark., Universal Brcdstg. Corp.
KOVG	....	250	a	Valley City, N. Dak., KOVC, Inc.
KPAB	....	250	a	Laredo, Tex., Mervel M. Valentine.
KPLC	....	250	a	Lake Charles, La., Calcasieu Brcdstg. Co.
KPO	M	250	MTa	Paris, Tex., North Texas Brcdstg. Co.
KRNR	M	100(.25)	a	Wenatchee, Wash., Westcoast Brcdstg. Co.
KSAM	D	250	a	Roseburg, Ore., News-Review Pub. Co.
KTOH	....	250	a	Huntsville, Tex., Sam Houston Brcdstg. Assn.
KVOE	M	250	a	Lihue, Hawaii, Garden Island Pub. Co., Ltd.
KVWC	....	250	a	Santa Ana, Calif., Voice of the Orange Empire, Inc.
KWEW	....	100	MTa	Vernon, Tex., Northwestern Brcdstg. Co.
KXO	....	100	a	Hobbs, N. Mex., W. E. Whitmore.
KYCA	E	250	Ma	El Centro, Calif., Valradio Co., Inc.
WBAB	C	250	a	Prescott, Ariz., Southwest Brcdstg. Co.
WBOC	....	250	a	Atlantic City, N. J., Press Union Pub. Co.
WBTA	P	250	z	Salisbury, Md., Peninsula Brcdstg. Co.
WDAN	....	250	a	Batavia, N. Y., Batavia Brcdstg. Corp.
WDBC	P	250	z	Danville, Ill., Northwestern Pub. Co.
WDNC	C	250	a	Escanaba, Mich., Delta Brcdstg. Co.
WERC	....	100(.25)	a	Durham, N. C., Durham Radio Corp.
WGAL	....	250	Ca	Erie, Pa., Presque Isle Brcdstg. Co.
WGKV	....	100	IMNQa	Lancaster, Pa., WGAL, Inc.
WGTC	....	250	Na	Charleston, W. Va., Kanawah Valley Brcdstg. Co.
WHBB	....	100	a	Greenville, N. C., Greenville Brcdstg. Co.
WIGM	P	100	z	Selma, Ala., Selma Brcdstg. Co., Inc.
				Medford, Wis. Geo. F. Meyer.

BROADCASTING STATIONS BY FREQUENCIES

WTBK	N	250	a	Detroit, Mich., J. F. Hopkins, Inc.
WKBB	N	250	a	Dubuque, Iowa, Sanders Bros.
WKBV		100	a	Richmond, Ind., Knox Radio Corp.
WKBZ		250	a	Muskegon, Mich., Ashbacker Radio Corp.
WKNY		250	a	Kingston, N. Y., Kingston Brdcastg. Corp.
WKRO	P	250	z	Cairo, Ill., Oscar C. Hirsch.
WMIS	P	250	z	Natchez, Miss., Natchez Brdcastg. Co.
WMIM		100(.25)	a	Cordele, Ga., Cordele Dispatch Pub. Co., Inc.
WMOG		100(.25)	a	Brunswick, Ga., Coastal Brdcastg. Co.
WMRC		250	a	Greenville, S. C., Textile Brdcastg. Co.
WMRF	P	250	z	Lewistown, Pa., Lewistown Brdcastg. Co.
WMRN		250	z	Marion, Ohio, Marion Brdcastg. Co.
WNBF	C	250	a	Binghamton, N. Y., W. B. Jones Adv. Agency.
WNLC		250	MYa	New London, Conn., Thames Brdcastg. Corp.
WOLF		250	a	Syracuse, N. Y. Civic Brdcastg. Corp.
WOMI		250	a	Owensboro, Ky., Owensboro Brdcastg. Co.
WOPI		250	a	Bristol, Tenn. Radiophone Station WOPI.
WRDW	C	250	a	Augusta, Ga., Augusta Brdcastg. Co.
WRGA		250	a	Rome, Ga., Rome Brdcastg. Corp.
WSLS		250	a	Roanoke, Va., Roanoke Brdcastg. Corp.
WSTP	M	250	a	Salisbury, N. C., Piedmont Brdcastg. Corp.
WSYB		250	MYa	Rutland, Vt., Philip Weiss Music Co.
WTMC		100	a	Ocala, Fla., Ocala Brdcastg. Co., Inc.
WTMV		250	a	East St. Louis, Ill., Miss. Valley Brdcastg. Co., Inc.
WWSW		250	Qa	Pittsburgh, Pa., Walker & Downing Radio Corp.
XECH		250	z	Toluca, Mex.
XEDR		100	z	Guaymas, Son., Modeste Ortega.
XECT		100	z	Guadalajara, Jal.
XEJR		100	z	Parral, Chih.
XETR		100	z	Madero, Tam.
XEXF		100	z	Veracruz, Ver. C.
XEXU		100	z	Saltillo, Coah.
YV4RR		750	a	Puerto Cabello, Venez., "Radio Pto. Cabello".
.....		250	z	Tacoma, Wash. Tacoma Broadcasters, Inc.

1500 kcs. (199.9 m.)

KSTP MR	50000	a	St. Paul, Minn., KSTP, Inc.
WJSV C	50000	a	Washington, D. C., CBS, Inc.
XERH	500	z	Mexico City, D. F.

1510 kcs. (198.6 m.)

KGA	5000	BMa	Spokane, Wash., Louis Wasmer.
WLAC X	5000	Ca	Nashville, Tenn., WLAC Brdcastg. Serv.
WMEX	5000	a	Boston, Mass., The Northern Corp.

1520 kcs. (197.3 m.)

KOMA C	50000	a	Oklahoma City, Okla., KOMA, Inc.
TGW	5000	e	Guatemala City, Guat., Radiodifusora Nacional
WHIP D	5000	z	Hammond, Ind., Hammond-Calumet Brdcastg. Corp.
WKBW	50000	CMSa	Buffalo, N. Y., Buffalo Brdcastg. Corp.
WPRP	1000(5)	a	Ponce, Puerto Rico, Julio M. Conesa

1530 kcs. (196 m.)

KFBK BE	10000	a	Sacramento, Calif., McClatchey Brdcastg. Co.
WKCY C	50000	a	Cincinnati, Ohio, L. B. Wilson, Inc.

1540 kcs. (194.7 m.)

CMBH	5000	e	Havana, Cuba, Alberto Alvarez
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1550 kcs. (193.4 m.)

.....	P	20000	z	Mexico City, D. F.
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1560 kcs. (112.2 m.)

CMHD	250	d	Caibarien, Cuba, Manuel Alvarez M.
WQXR	10000	a	New York, N. Y., Interstate Brdcastg. Co.

1570 kcs. (191.0 m.)

CFPL F	1000	a	London, Ont., London Free Press
XEAW	100000	a	Monterrey, N. L.

1580 kcs. (189.8 m.)

CMCI 2	250	a	Havana, Cuba, Radio Emisora Comercial
CMCR 2	250	z	Havana, Cuba, Av. de Menocal 115
CMJQ	250	z	Nuevitas, Cuba

(Please turn to page 74)

BROADCASTING STATIONS BY LOCATIONS

Frequency is given in kilocycles in second column. For power and network affiliations, refer to the list of Broadcasting Stations by Frequencies.

THE UNITED STATES OF AMERICA

ALABAMA

Anniston
WHMA 1450
Birmingham
WAPI 1170
WBRC 960
WWSN 1340
Decatur
WMSL 1400
Dothan
WAGF 1400
Gadsden
WJBY 1240
Huntsville
WBHP 1230
Mobile
WALA 1410
WMOB 1230
Montgomery
WCOV 1240
WSFA 1440
Muscle Shoals
City
WMSD 1450
Opelika
WJHO 1400
Selma
WHBB 1490
Tuscaloosa
WJRD 1230

ALASKA

Anchorage
KFQD 790
Fairbanks
KFAR 610
Juneau
KINY 1460
Ketchikan
KGBU 930

ARIZONA

Globe
KWJB 1240
Jerome
KCRJ 1340
Lowell
KSUN 1230
Phoenix
KOY 550
KPPO 1230
KTAR 620
Prescott
KYCA 1490
Safford
KGLU 1450

Tucson
KTUC 1400
KVOA 1290
Yuma
KYUM 1240

ARKANSAS

Blytheville
KLCN 1320
El Dorado
KELD 1400
Fort Smith
KFWP 1400
Hot Springs
KTHS 1090
KWFC 1340
Jonesboro
KBTM 1230
Little Rock
KARK 920
KGHI 1230
KLRA 1420
Pine Bluff
KOTN 1490
Siloam Springs
KUOA 1290

CALI-FORNIA

Bakersfield
KERN 1410
KPMC 1600
Berkeley
KRE 1400
Beverly Hills
KMPC 710
Chico
KHSL 1290
El Centro
KXO 1490
Eureka
KIEM 1480
Fresno
KARM 1340
KMJ 580
Glendale
KIEV 870
Long Beach
KFOX 1280
KGER 1390
Los Angeles
KECA 790
KFAC 1330
KFI 640
KFSG 1150
KFVD 1020
KFWB 980

KGFJ 1230
KHJ 930
KMTR 570
KNX 1070
KRKD 1150

Marysville
KMYC 1450
Merced
KYOS 1080
Modesto
KTRB 860
Monterey
KDON 1240

Oakland
KLS 1310
KLX 910
KROW 960

Pasadena
KPPC 1240
Redding
KVCV 1230

Sacramento
KFBK 1530
KROY 1240
San Bernar-
dino

KFXM 1240
San Diego
KFMB 1450
KFSD 600
KGB 1360

San Francisco
KFRC 610
KGO 810
KTBS 1100
KPO 680
KSAN 1450
KSFO 560
KYA 1260

San Jose
KQW 740
San Luis
Obispo
KVEC 1230

Santa Ana
KVOE 1490
Santa Barbara
KDB 1490
KTMS 1250

Santa Rosa
KSRO 1350
Stockton
KGDH 1130
KWG 1230

Visalia
KTKC 920
Watsonville
KHUB 1340

COLORADO

Alamosa
KGIW 1450
Colorado
Springs
KVOR 1300
Denver
KFEL 950
KLZ 560

KMYR 1340
KOA 850
KPOF 910
KVOD 630

Jurango
KIUP 1400
Jrand
Junction
KFJX 1230

Greeley
KFKA 910
La Junta
KOKO 1400

Lamar
KTDW 1450
Pueblo
KGHF 1350
Sterling
KGEK 1230

CONNEC-TICUT

Bridgeport
WIC 600
WVAB 1450
Hartford
WDRS 1360
WTTT 1080
WTHT 1230

New Britain
WNBC 1410
New Haven
WELI 960

New London
WNLC 1490
Stamford
WSRR 1400
Waterbury
WATR 1320
WBRV 1590

DELAWARE

Wilmington
WDEL 1150
WILM 1450

DISTRICT OF COLUMBIA

Washington
WINX 1340
WISV 1500
WMAL 630
WOL 1260
WRC 980
WWDC 1450

FLORIDA

Daytona
Beach
WMFJ 1450
De Land
WPER 1340

Ft. Lauderdale
WFTL 1400

Ft. Myers
WFTM 1240

Gainesville
WRUF 850

Jacksonville
WJAX 930
WHP 1320
WMBR 1400

Lakeland
WLAK 1340

Miami
WIOD 610
WQAM 5

Miami Beach
WKAT 1360

Ocala
WTMC 1490

Orlando
WDBO 580
WLOF 1230

Panama City
WDLF 1230

Pensacola
WCOA 1370

St. Augustine
WFOY 1240

St. Petersburg
WSUN 620
WTSP 1380

Sarasota
WSPB 1450

Tallahassee
WTAL 1340

Tampa
WDAE 1250
WFLA 940

West Palm
Beach
WJNO 1230

GEORGIA

Albany
WALB 1590
WGPC 1450

Athens
WGAU 1340

Atlanta
WAGA 1480
WATL 1400
WGST 920
WSB 750

Augusta
WGAC 1240
WRDW 1490

Brunswick
WMOG 1490

Columbus
WRBL 1230

Cordele
WMJM 1490

Dalton
WBLJ 1230

BROADCASTING STATIONS BY LOCATIONS

Gainesville
WGGA 1240

Griffin
WKEU 1450

La Grange
WLAG 1240

Macon
WBML 1240
WMAZ 940

Moultrie
WMGA 1400

Rome
WRGA 1490

Savannah
WSAV 1340
WTOC 1290

Thomasville
WPAX 1240

Toccoa
WRLC 1450

Valdosta
WGOV 1450

Waycross
WAYX 1230

West Point
WDAK 1340

HAWAII

Hilo
KHBC 1230

Honolulu
KGMB 590
KGU 760

Lihue
KTOH 1490

IDAHO

Boise
KIDO 1380

Idaho Falls
KID 1350

Lewiston
KRLC 1400

Nampa
KF XD 1230

Pocatello
KSEI 930

Twin Falls
KTFI 1270

Wallace
KWAL 1450

ILLINOIS

Aurora
WMRO 1280

Bloomington
WJBC 1230

Cairo
WKRO 1490

Carthage
WCAZ 1080

Champaign
WDWS 1400

Chicago
WAAF 950
WBBM 780
WCBD 1110
WCFL 1000

WCRW 1240
WEDC 1240

WENR 890
WGES 1390

WGN 720
WJJD 1160

WLS 890
WMAQ 670

WMBI 1110
WSBC 1240

Cicero
WHFC 1450

Danville
WDAN 1490

Decatur
WSOY 1340

East St. Louis
WTLV 1490

Galesburg
WGIL 1400

Harrisburg
WEBQ 1240

Herrin
WJPF 1340

Joliet
WCLS 1340

Peoria
WMBD 1470

Quincy
WTAD 930

Rockford
WROK 1440

Rock Island
WHBF 1270

Springfield
WCBS 1450
WTAX 1240

Tuscola
WDZ 1050

Urbana
WILL 580

INDIANA

Anderson
WHBU 1240

Elkhart
WTRC 1340

Evansville
WEOA 1400
WGBF 1280

Fort Wayne
WGL 1450
WOWO 1190

Gary
WIND 560

Hammond
WHIP 1520
WJOB 1230

Indianapolis
WFBM 1260
WIBC 1070

WIRE 1430
WISH 1310

Kokomo
WKMO 1400

Muncie
WLBC 1340

New Albany
WGRC 1400

Richmond
WKBV 1490

South Bend
WSBT 960

Terre Haute
WBOW 1230

Vincennes
WAOV 1450

West Lafayette
WBAA 920

IOWA

Ames
WOI 640

Boone
KFGQ 1400

Burlington
KBUR 1490

Cedar Rapids
WMT 600

Clinton
KROS 1340

Davenport
WOC 1450

Decorah
KWLC 1240

Des Moines
KRNT 1350
KSO 1460

WHO 1040

Dubuque
KDTH 1370

WKBB 1490

Fort Dodge
KFVD 1400

Iowa City
WSUI 910

Marshalltown
KFJB 1230

Mason City
KGLO 130^u

Ottumwa
KBIZ 1240

Shenandoah
KFNF 920

KMA 960

Sioux City
KSCJ 1360
KTRI 1450

KANSAS

Atkinson
KVAK 1450

Coffeyville
KGGF 690

Dodge City
KGNO 1370

Emporia
KTSW 1400

Garden City
KTUL 1240

Great Bend
KVCB 140^u

Hutchinson
KWBG 1450

Kansas City
KCKN 1340

Lawrence
KFKU 1250
WREN 1250

Manhattan
KSAC 580

Pittsburg
KOAM 810

Salina
KSAL 1150

Popeka
WLBW 580

Wichita
KANS 1240
KFBI 1070
KFH 1330

KENTUCKY

Ashland
WCMI 1340

Bowling Green
WLBJ 1340

Harlan
WHLN 1450

Hopkinsville
WHOP 1230

Lexington
WLAP 1450

Louisville
WAVE 970
WHAS 840

WINN 1240

Owensboro
WOMI 1490

Paducah
WPAD 1450

LOUISIANA

Alexandria
KALB 1240

Baton Rouge
WJBO 1150

Lafayette
KVOL 1340

Lake Charles
KPLC 1490

Monroe
KMLB 1230

New Orleans
WDSU 1280

WIBW 1230
WNOE 1450

WSMB 1350
WWL 870

Shreveport
KRMD 1340
KTBS 1480
KWKH 1130

MAINE

Augusta
WRDO 1400

Bangor
WABI 1230
WLBZ 620

Lewiston
WCOU 1240

Portland
WCSH 970
WGN 560

Presque Isle
WAGM 1450

MARYLAND

Baltimore
WBAL 1090
WBAL 770

WCAO 600
WCBM 1400

WFBR 1300
WITH 1230

Cumberland
WTBO 820

Frederick
WFMD 930

Hagerstown
WJEJ 1240

Salisbury
WBOC 1490

MASSACHUSETTS

Boston
WAAB 1440
WBZ 1030

WCOP 1150
WEEL 590

WHDH 850
WMEX 1510
WNAC 1260
WORL 950

Fall River
WSAR 1480

Fitchburg
WEIM 1340

Greenfield
WHAI 1240

Holyoke
WHYN 1400

Hyannis
WOCB 1240

Lawrence
WLAW 680
WLLH 1400

Lowell
WLLH 1400

New Bedford
WNBH 1340

Pittsfield
WBRK 1340

Salem
WESX 1230

Springfield
WBZA 1030
WBAL 1450
WSPR 1270

Worcester
WMAW 1230
WORC 1310
WTAG 580

MICHIGAN

Battle Creek
WELL 1400

Bay City
WBCM 1440

Calumet
WHDF 1400

Detroit
WTKB 1490
WTLB 1400

WTR 760
WVI 950
WXYZ 1270

East Lansing
WKAR 870

Escanaba
WDBC 1490

BROADCASTING STATIONS BY LOCATIONS

Flint
WFDF 910

Grand Rapids
WASH 1300
WGRB 1230
WLAV 1340
WOOD 1300

Ironwood
WJMS 1450

Jackson
WIBM 1450

Kalamazoo
WKZO 590

Lansing
WJIM 1240

Lapeer
WMPG 1230

Marquette
WDMJ 1340

Muskegon
WKBZ 1490

Pontiac
WCAR 1130

Port Huron
WHLS 1450

Royal Oak
WEXL 1340

Saginaw
WJAL 980
WSAM 1230

Sault Ste. Marie
WOOO 1230

Traverse City
WTCM 1400

MINNESOTA

Albert Lea
KATE 1450

Duluth
KDAL 1490
WEBC 1320

Fergus Falls
KGDE 1230

Hibbing
WMFG 1240

Mankato
KYSM 1230

Minneapolis
WCCO 830
WDGY 1130
WLB 770
WLOL 1330
WTCN 1280

Moorhead
KVOX 1340

Northfield
WCAL 770

Rochester
KROC 1340

St. Cloud
KFAM 1450

St. Paul
KSTP 1500
WMIN 1400

Virginia
WHLB 1400

Willmar
KWLM 1340

Winona
KWNO 1230

MISSISSIPPI

Columbus
WCBI 1400

Greenville
WJPR 1340

Greenwood
WGRM 1240

Gulfport
WGCM 1240

Hattiesburg
WFOR 1400

Jackson
WIDX 1300
WSLI 1450

Laurel
WAML 1340

McComb
WSKB 1230

Meridian
WCOC 910

Natchez
WMIS 1490

Vicksburg
WQBC 1390

MISSOURI

Cape Girardeau
KFVS 1400

Clayton
KFUO 850

Columbia
KFRR 1400

Hannibal
KHMO 1340

Jefferson City
KWOS 1340

Joplin
WMBH 1450

Kansas City
KCMO 1480
KITE 1590
KMBC 980
WDAF 610
WHB 880

Poplar Bluff
KWOC 1340

St. Joseph
KFEQ 680

St. Louis
KMOX 1120
KSD 550
KWK 1380
KXOK 630
WEW 770
WIL 1230

Sedalia
KDRO 1490

Springfield
KGBX 1260
KWTO 560

MONTANA

Billings
KGHL 790

Bozeman
KRBM 1450

Butte
KGIR 1370

Great Falls
KFBB 1310

Helena
KPFA 1240

Kalispell
KGEZ 1340

Miles City
KRJF 1340

Missoula
KGVO 1290

Wolf Point
KGCX 1480

NEBRASKA

Fremont
KORN 1400

Grand Island
KMMJ 750

Hastings
KHAS 1230

Kearney
KGFV 1340

Lincoln
KFAB 780
KFOR 1240

Norfolk
WJAG 1090

North Platte
KGNF 1460

Omaha
KOIL 1290
KONB 1490
KOWH 660
WOW 590

Scottsbluff
KGKY 1490

NEVADA

Las Vegas
KENO 1400
KFUN 1450

Reno
KOH 630

NEW HAMPSHIRE

Keene
WKNE 1290

Laconia
WLNH 1340

Manchester
WFEA 1370
WMUR 610

Portsmouth
WHEB 750

NEW JERSEY

Asbury Park
WCAP 1310

Atlantic City
WBAB 1400
WFPG 1450

Bridgeton
WSNJ 1240

Camden
WCAM 1310

Jersey City
WAAT 970
WHOM 1480

Newark
WHBI 1280

Paterson
WPAT 930

Red Bank
WBRB 1240

Greentown
WTNJ 1310

Zarephath
WAWZ 1380

NEW MEXICO

Albuquerque
KGGM 1260
KOB 1030

Carlsbad
KAVE 1240

Clovis
KICA 1400

Gallup
KAWM 1490

Hobbs
KWEW 1490

Roswell
KGFL 1400

Santa Fe
KVSF 1340

NEW YORK

Albany
WABY 1400
WOKO 1460

Auburn
WMBO 1340

Batavia
WBTA 1490

Binghamton
WBNF 1490

Brooklyn
WBYN 1430
WBBR 1330
WCNW 1600

Buffalo
WBEN 930
WBNY 1400
WEHR 1340
WGR 550
WKBW 1520
WSVS 1400

Canton
WCAD 1250

Elmira
WENY 1230

Endicott
WLAN 1450

Freeport
WGBB 1240

Ithaca
WHCU 870

Jamestown
WJTN 1240

Kingston
WRNY 1490

Newburgh
WGNV 1250

New York
WABC 880
WBNX 1380
WEAF 660
WEVD 1330
WHN 1050
WINS 1000
WJZ 770
WMCA 570
WNEW 1280
WNYC 830
WOR 710
WOV 1130
WOXR 1560

Niagara Falls
WHLD 1290

Ogdensburg
WSLB 1400

Olean
WHDL 1450

Plattsburg
WMFF 1340

Poughkeepsie
WRIP 1450

Rochester
WHAM 1180
WHCC 1460
WSAY 1240

Saranac Lake
WNBZ 1320

Schenectady
WGY 810

Syracuse
WAGE 620
WFBL 1390
WOLF 1490
WSYR 570

Troy
WHAZ 1330
WTRY 980

Utica
WIBX 1230

Watertown
WATN 1240
WWNY 1300

White Plains
WFAS 1240

Woodside
WWRL 1600

NORTH CAROLINA

Asheville
WISE 1230
WWNC 570

Burlington
WBBS 920

Charlotte
WBT 1110
WSOC 1240

Durham
WDNC 1490

Elizabeth City
WCNC 1400

Fayetteville
WFNC 1370

Gastonia
WGNC 1450

BROADCASTING STATIONS BY LOCATIONS

Goldsboro
WGBR 1400

Greensboro
WBIG 1470

Greenville
WGTC 1490

Hickory
WHKY 1400

High Point
WMFR 1230

Kinston
WFTC 1230

Raleigh
WPTF 680
WRAL 1240

Roanoke Rapids
WCBT 1230

Rocky Mount
WEED 1450

Salisbury
WSTP 1490

Wilmington
WMFD 1400

Wilson
WGTM 1340

Winston-
Salem
WAIR 1340
WSJS 600

NORTH DAKOTA

Bismarck
KFYR 550

Devils Lake
KDLR 1240

Fargo
WDAY 970

Grand Forks
KFJM 1440

Jamestown
KRMK 1400

Mandan
KGCU 1270

Minot
KLPM 1390

Valley City
KOVF 1490

OHIO

Akron
WADC 1350
WAKR 1590
WJW 1240

Ashtabula
WICA 970

Canton
WBHC 1230

Cincinnati
WCKY 1530
WCPO 1230
WKRC 550
WLW 700
WSAI 1360

Cleveland
WCLE 610
WGAR 1480

WHK 1420
WTAM 1100

Columbus
WBNS 1460
WCOL 1230
WHKC 640
WOSU 570

Dayton
WHIO 1290
WING 1410

Lima
WLOK 1240

Mansfield
WMAN 1400

Marion
WMRN 1490

Portsmouth
WPAY 1400

Springfield
WIZE 1340

Steubenville
WSTV 1340

Toledo
WSPD 1370
WTOL 1230

Youngstown
WFMJ 1450
WKBN 570

Zanesville
WHIZ 1240

OKLA- HOMA

Ada
KADA 1230

Ardmore
KVSO 1240

Elk City
KASA 1240

Enid
KCRC 1390

Lawton
KSWO 1150

Muskogee
KBIX 1490

Norman
WNAD 640

Oklahoma
City
KOCY 1340
KOMA 1520
KTOK 1400
WKY 930

Okmulgee
KHBG 1240

Ponca City
WBBZ 1230

Shawnee
KGFE 1450

Tulsa
KOME 1340
KTUL 1430
KVOO 1170

OREGON

Albany
KWIL 1240

Astoria
KAST 1230

Baker
KBBR 1490

Bend
KBND 1340

Corvallis
KOAC 550

Eugene
KORE 1450

Grants Pass
KUIN 1340

Klamath Falls
KFJI 1240

La Grande
KLBM 1450

Marshfield
KOOS 1230

Medford
KMED 1440

Portland
KALE 1330
KBPS 1450
KEX 1190
KGV 620
KOIN 970
KWJJ 1080
KXL 1450

Roseburg
KRNR 1490

Salem
KSLM 1390

The Dalles
KODL 1230

PENN- SYLVANIA

Allentown
WCBA 1470
WSAN 1470

Altoona
WFBG 1340

Butler
WISR 680

DuBois
WCED 1230

Easton
WEST 1400

Erie
WERC 1490
WLEU 1450

Glenside
WIBG 990

Greensburg
WHJB 620

Grove City
WSAJ 1340

Harrisburg
WHP 1460
WKBO 1230

Hazleton
WAZL 1450

Johnstown
WJAC 1400

Lancaster
WGAL 1490

Lewistown
WMRF 1490

New Castle
WKST 1280

New Kensing-
ton
WKPA 1150

Philadelphia
KYW 1060
WCAU 1210
WDAS 1400
WFIL 560
WHAT 1340
WIP 610
WPEN 950
WTEL 1340

Pittsburgh
KDKA 1020
KOV 1410
WCAE 1250
WIAS 1320
WWSW 1490

Reading
WEEU 850
WRAW 1340

Scranton
WARM 1400
WGBI 910
WQAN 910

Sharon
WPIC 790

Sunbury
WKOK 1240

Uniontown
WBMS 590

Wilkes-Barre
WBAX 1240
WBRE 1340

Williamsport
WRAK 1400

York
WORK 1350

PUERTO RICO

Mayaguez
WPRR 790

Ponce
WPAB 1370
WPRP 1520

San Juan
WIAC 580
WKAQ 620
WNEL 1320

RHODE ISLAND

Pawtucket
WFCI 1420

Providence
WEAN 790
WJAR 920
WPRO 630

SOUTH CAROLINA

Anderson
WAIM 1230

Charleston
WCSC 1390
WTMA 1250

Columbia
WCOS 1400
WIS 560

Florence
WOLS 1230

Greenville
WFBC 1330
WMRC 1490

Greenwood
WMDP 1450

Spartanburg
WORD 1400
WSPA 950

Sumter
WFIG 1340

SOUTH DAKOTA

Aberdeen
KABR 1420

Brookings
KFDY 790

Pierre
KGFX 630

Rapid City
KOBH 1400
WCAT 1230

Sioux Falls
KELO 1230
KSOO 1140

Vermillion
KUSD 920

Watertown
KWAT 1240

Yankton
WNAX 570

TENNES- SEE

Bristol
WOPI 1490

Chattanooga
WAPO 1150
WDEF 1400
WDOD 1310

Clarksville
WJZM 1400

Cookeville
WHUB 1400

Jackson
WTJS 1390

Johnson City
WJHL 910

Kingsport
WKPT 1400

Knoxville
WBIR 1240
WNOX 990
WROL 620

Memphis
WHBQ 1400
WMC 790
WMPS 1460
WREC 600

Nashville
WLAC 1510
WSIX 1240
WSM 650

BROADCASTING STATIONS BY LOCATIONS

TEXAS		Midland	Rutland	Pullman	WISCONSIN		
Abilene	KRBC 1450	KRLH 1450	WSYB 1490	KWSC 1250	Seattle	Appleton	
Amarillo	KFDA 1230	Palestine	St. Albans	KEVR 1400	KIRO 710	WHBY 1230	
	KGNC 1440	KNET 1450	WWSR 1420	KJR 1000	KOL 1300	Ashland	
Austin	KNOW 1490	Pampa	Waterbury	KOMO 950	KRSC 1150	WATW 1400	
	KTBC 1150	KPDN 1340	WDEV 550	KTW 1250	KXA 770	Eau Claire	
Beaumont	KFDM 560	Paris	VIRGINIA			WEAU 1070	
	KRIC 1450	KPLT 1490	Charlottesville	WCHV 1450	KFIZ 1450	Fond du Lac	
Big Spring	KBST 1490	Pecos	Covington	WJMA 1340	Green Bay	WTAQ 1360	
Brady	KNEL 1490	KIUN 1400	Danville	WBTM 1400	Janesville	WCLO 1230	
	KGFI 1490	Port Arthur	Fredericksburg	WFVA 1290	La Crosse	WKBH 1410	
Brownsville	KBWD 1380	KPAC 1250	Harrisonburg	WSVA 550	Madison	WHA 970	
Brownwood	College Station	San Angelo	Lynchburg	WLVA 1230	WIBA 1310	Manitowoc	
	WTAW 1150	KGKL 1400	Martinsville	WMVA 1450	WOMT 1240	Marinette	
Corpus Christi	KEYS 1490	San Antonio	Newport News	WGH 1340	Medford	WMAM 570	
	KRIS 1360	KABC 1450	Norfolk	WTAR 790	WIGM 1490	Milwaukee	
Corsicana	KAND 1340	KMAC 1400	Petersburg	WPID 1240	WJEM 1340	WISN 1150	
Dallas	KRLD 1080	KONO 1400	Richmond	WBBL 1240	WMTJ 620	Poynette	
	WFAA 820	KOTSA 550	WBBG 1380	WMBG 1380	WRJN 1400	Rice Lake	
	WRR 1310	WOAI 1200	WRNL 910	WRVA 1140	WJMC 1240	Sheboygan	
Denton	KDNT 1450	Sherman	Roanoke	WDBJ 960	WHLB 1330	Stevens Point	
Dublin	KFPL 1340	KRRV 910	WLSL 1490	Suffolk	WLBL 930	Superior	
El Paso	KKOD 600	Sweetwater	Winchester	WLPM 1450	WDSM 1230	Wausau	
	KTSM 1380	KXOX 1240	WINC 1400	WASHINGTON	WFHR 1340	Wisconsin Rapids	
Fort Worth	KFJZ 1270	Temple	WASHINGTON			WYOMING	
	KGKO 570	KTEM 1400	Aberdeen	KXRO 1340	Casper	KDFN 1470	
	WBAP 820	Texarkana	Bellingham	KVOS 1230	Cheyenne	KFBC 1450	
Galveston	KLUF 1400	KCMC 1450	Centralia	KELA 1470	KYAN 1400	Powell	
Harlingen	KGBS 1240	Tyler	Everett	KRKO 1400	KPOW 1230	Rock Springs	
Houston	KPRC 950	KGKB 1490	Longview	KWLK 1400	KVRS 1400	Sheridan	
	KTRH 1320	Vernon	Olympia	KGY 1240	KWYO 1400		
	KXYZ 1470	KVWC 1490	VERMONT				
Huntsville	KSAM 1490	Victoria	Burlington	WCAX 1230			
Kilgore	KOCA 1240	KVIC 1340					
Laredo	KPAB 1490	Waco					
Longview	KFRO 1370	WACO 1450					
Lubbock	KFYO 1340	Weslaco					
Lufkin	KRBA 1340	WRGV 1290					
		Wichita Falls					
		KWFT 620					

BROADCASTING STATIONS BY LOCATIONS

CANADA

ALBERTA

Calgary
CFAC 960
CFCN 1010
CJ CJ 1230

Edmonton
CFRN 1260
CJCA 930
CKUA 580

Grande Prairie
CFGP 1340
Lethbridge
CJOC 1400

BRITISH COLUMBIA

Chilliwack
CHWK 1340

Kamloops
CFJC 910

Kelowna
CKOV 630

Nelson
CKLN 1450

Prince Rupert
CFPR 1240

Trail
CJAT 610

Vancouver
CBR 1130
CJOR 600
CKMO 1410
CKWX 980

Victoria
CFCT 1480

MANITOBA

Brandon
CKX 1150

Flin Flon
CFAR 1400

Winnipeg
CJRC 630
CKY 990

NEW BRUNSWICK

Campbellton
CKNB 1240

Fredericton
CFNB 550

Moncton
CKCW 1400

Sackville
CBA 1070

St. John
CHSJ 1150

NOVA SCOTIA

Glace Bay
VAS 685

Halifax
CHNS 960

Sydney
CJCB 1270

Yarmouth
CJLS 1340

ONTARIO

Brantford
CKPC 1380

Chatham
CFCO 630

Cobalt
CKMC 1240

Hamilton
CHML 900
CKOC 1150

Kenora
CKCA 1450

Kingston
CFRC 1490

Kirkland Lake
CJKL 560

London
CFPL 1570

North Bay
CFCH 1230

Ottawa
CBO 910
CKCO 1340

Owen Sound
CFOS 1400

Port Arthur
CKPR 580

Prescott
CFLC 1450

St. Catharines
CKTB 1230

Sault Ste. Marie
CJIC 1490

Stratford
CJCS 1240

Sudbury
CKSO 790

Timmins
CKGB 1470

Toronto
CBL 740
CBY 1010
CFRB 860
CKCL 580

Windsor
CKLW 800

Wingham
CKNX 1230

PRINCE EDWARD ISLAND

Charlottetown
CFCY 630
CHCK 1340

Summerside
CHGS 1480

QUEBEC

Chicoutimi
CBJ 1240

Hull
CKCH 1240

Montreal
CBF 690
CBM 940
CFCF 600
CHLP 1490
CKAC 730

New Carlisle
CHNC 610

Quebec
CBV 980
CHRC 1400
CKCV 1340

Rimouski
CJBR 900

Rouyn
CKRN 1400

Ste. Anne de la Pocatiere
CHGB 1230

Sherbrooke
CHLT 1240

Three Rivers
CHLN 1450

Val d'Or
CKVD 1230

SASKATCHEWAN

Moose Jaw
CHAB 1220

Prince Albert
CKBI 900

Regina
CJRM 980
CKCK 620

Saskatoon
CFQC 600

Watrous
CBK 540

Yorkton
CJGX 1460

CUBA

Artemisa
CMAX 830

Banes
CMKX 1090

Caibarien
CMHD 1560

Camaguey
CMJA 1060
CMJC 1340
CMJE 1230
CMJF 1300
CMJK 620
CMJL 920
CMJN 740
CMJW 1400

Cardenas
CMGE 1470

Ciego de Avila
CMJH 1370
CMJI 1440
CMJM 1270
CMJO 1470

Cienfuegos
CMHJ 1350
CMHM 1450
CMHX 1480

Cruces
CMHK 1380

Guanajay
CMAC 1370

Guantanamo
CMKH 1130
CMKS 900

Havana
CMBC 790
CMBD 1420
CMBF 1260
CMBG 1330
CMBH 1540
CMBL 860
CMBQ 1150
CMBX 1330
CMBY 1110
CMBZ 950
CMC 1360
CMCA 1490
CMCB 1390
CMCF 910
CMCG 1460
CMCH 1290
CMCJ 1580
CMCK 980
CMCM 1060

CMCO 1230

CMCQ 1420

CMCU 1190

CMCR 1580

CMCW 1230

CMCX 1290

CMCY 590

CMK 740

CMOA 1360

CMOX 1490

CMQ 690

CMW 550

CMX 1010

CMZ 630

Holguin
CMKF 1490
CMKO 1220
CMKV 600

Jovellanos
CMGN 1310

Manzanillo
CMKE 1320
CMKM 560

Matanzas
CMGF 1240
CMGH 1440

Nuevitas
CMJO 1580

Palma Soriano
CMKZ 1430

Pinar del Rio
CMAB 1450
CMAN 1300

Placetas
CMHP 1320

Puerto Padre
CMKY 1350

Sagua la Grande
CMHA 1280

Sancti Spiritus
CMHB 1410

Santa Clara
CMHI 570
CMHN 1950
CMHO 1250
CMHQ 810

Santiago
CMKC 1250
CMKD 1290
CMKG 1050
CMKN 930
CMKQ 1460
CMKR 1390
CMKU 970
CMKW 1000

Trinidad
CMHT 990

BROADCASTING STATIONS BY LOCATIONS

MEXICO

AGUAS-CALIENTES

Aguascalientes
 XEBI 1360
 XEJX 1450

BAJA CALIFORNIA

Ensenada
 XEPF 1400

Mexicali
 XEAA 1340
 XEAO 910
 XECL 990

Rosarito Beach
 XERB 1090

Tijuana
 XEAC 690
 XEAC 1470
 XEBG 1010
 XEC 1310
 XEGM 950
 XEMO 860
 XEON 1140
 XERT 1440

CAMPECHE

Campeche
 XEA 1370

CHIAPAS

Tuxtla Gutierrez
 XEXJ 1280

CHIHUAHUA

Camargo
 XEDN 1270
 Chihuahua
 XEBU 1260
 XEBW 1280
 XEFI 1440
 XEJK 1340
 XEM 1390

Juarez
 XEF 1400
 XEFV 1270
 XEJ 970
 XEP 1300
 XEWG 1360

COAHUILA

Nueva Rosita
 XEMJ 920

Piedras Negras
 XEMU 580

Sabinas
 XEBX 610

Saltillo
 XEKS 1330
 XESJ 1420
 XEXU 1490

Torreón
 XEBP 1260
 XEBQ 1450
 XEDE 1400
 XEOH 600
 XETB 1350

Villa Acuna
 XEAB 1600
 XEAO 1430
 XEDH 1340

COLIMA

Colima
 XERL 1280

DISTRITO FEDERAL

Mexico
 XEAI 1320
 XEB 1220
 XEBS 1410
 XEBZ 660
 XEDA 1290
 XEDP 730
 XEFO 1110
 XEJP 1150
 XEK 970
 XEL 1260
 XELA 830
 XELZ 1440
 XEMC 1590
 XEMX 1380
 XEN 690
 XENK 620
 XEOF 560
 XEPH 590
 XEPX 1000
 XEO 940
 XEOK 1350
 XERC 790
 XERH 1500
 XESM 1470
 XEST 1060
 XEW 900
 XEXX 860

DURANGO

Durango
 XEE 1280

GUANAJUATO

Irapuato
 XEBO 1330

Leon
 XEFM 1270
 XERZ 550

Silao
 XEWE 1400

GUERRERO

Acapulco
 XEKJ 1400

JALISCO

Guadalajara
 XEAD 1310
 XED 680
 XEDK 1250
 XEGT 1490
 XEHK 960
 XEHL 1370
 XELW 1340
 XEXM 1400

Guzman
 XEBA 1270

MEXICO

Texcoco
 XEXE 1450
 Toluca
 XECH 1490
 XEXS 1340

MICHOACAN

Morelia
 XEBC 1270
 XEI 1400
 XESF 600
 Zamora
 XEGC 1450

NAYARIT

Tepec
 XERK 1450
 XEXT 980

NUEVO LEON

Monterrey
 XEAW 1570
 XEFB 630
 XEG 1050
 XEH 1250
 XEMG 1310
 XEMR 1370
 XET 990
 XEX 1280

OAXACA

Oaxaca
 XEXH 1270

PUEBLA

Puebla
 XECD 1170
 XEHR 1090

SAN LUIS POTOSI

San Luis Potosi
 XEBM 1260
 XECZ 1430
 XEQ 1400

SINALOA

Culiacan
 XECF 1300
 XESA 1360

Los Mochis
 XECF 1340
 XEOX 1280

Mazatlan
 XEBL 1260
 XEDS 1420
 XERJ 610

SONORA

Agua Prieta
 XERY 1410

Cananea
 XEFQ 980
 XEJS 1150

Guaymas
 XEDR 1490

Hermosillo
 XEBH 920
 XEOT 960

Magdalena
 XEDJ 1450

Naco
 XETM 1350

Navojoa
 XEAJ 1400
 XEDL 1270

Nogales
 XEAF 1370
 XEQN 1010
 XESY 1320

Obregon
 XEAP 1290

San Luis Rio Colorado
 XEY 1450

TAMAULIPAS

Madero
 XETR 1490

Matamoros
 XEAM 1400
 XEO 970
 XEXP 1450

Nuevo Laredo
 XEBK 1340
 XEDF 1260

XEFE 969
 XELC 1410
 XELF 1380
 XELH 1460
 XELJ 790
 XENT 1140

Reynosa
 XEAZ 1390

Tampico
 XECA 1340
 XEFW 810
 XES 1300
 XETU 1460

Victoria
 XEBJ 1450

VERA CRUZ

Coatzacoalcos
 XEFZ 1340

Cordoba
 XEAG 1280
 XECW 1340

Jalapa
 XEJA 1400

Minatitlan
 XEDW 1260

Orizaba
 XEPP 1450

Veracruz
 XEHB 1310
 XEFB 1250
 XEU 960
 XEXF 1490

YUCATAN

Merida
 XEFC 1340
 XEFK 1450
 XEME 1270
 XEMH 1400
 XEZ 600

Progreso
 XEOK 1430

ZACATECAS

Fresnillo
 XEMA 1340

Zacatecas
 XELK 1280

NORTH AMERICA

BAHAMAS

Nassau
 ZNS 790

COSTA RICA

Heredia
 TI4NRH 725

San Jose

TIEP 830
 TIGH 690
 TIGPH 605
 TIGPH2 1225
 TING 750
 TIPG 625
 TIRCC 1200

BROADCASTING STATIONS BY LOCATIONS

DOMINI- CAN REPUBLIC

Ciudad	
Trujillo	
HIN	1090
HIX	950
HIZ	1350
H18Q	1470

EL SALVADOR	
San Salvador	
YSS	640

GUATE- MALA

Guatemala	
City	
TGW	1520
TG1	1310
Quezalten- ango	
TGQ	1450

HAITI

Leogane	
HKK	1080
Port-au- Prince	
HHW	1230

HONDURAS

Tegucigalpa	
HRN	1450

MIQUELON

St. Pierre	
FQN	609

NEW- FOUND- LAND

St. John's	
VOG	840
VONF	640
VOWR	700

NICARA- GUA

Managua	
YNOW	1230
YNPH	660

PANAMA

Colon	
HOK	640

SOUTH AMERICA

VENEZUE- LA

Barcelona	
YV6RE	1080

Barquisimeto

YV3RA	1270
YV3RE	1475

Bolivar

YV6RA	1400
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Caracas

YVKA	630
YV5RA	960
YV5RB	790
YV5RG	1010
YV5RI	590
YV5RL	1160
YV5RQ	882

Coro	
YV1RW	1370

La Guaira	
YV5RZ	1050

Maracaibo

YV1RA	1300
YV1RC	1400
YV1RD	1153
YV1RF	1120
YV1RK	1250

Maracay

YV4RD	1153
YV4RL	1430

Puerto Cabello	
YV4RR	1490

San Cristobal	
YV2RB	980

Valencia

YV4RA	1350
YV4RE	1400

BROADCASTING STATIONS BY FREQUENCIES

(Concluded from Page 66)

1590 kcs. (188.6 m.)

KITE	M	1000
WAKR	BP	1000
WALB	P	1000
WBRY	CM	5000
XEMC	....	5000

a	Kansas City, Mo., First Natl. Television, Inc.
z	Akron, Ohio, Summit Radio Corp.
z	Albany, Ga., Herald Pub. Co.
a	Waterbury, Conn., American-Republican, Inc.
z	Mexico City, D. F.

1600 kcs. (187.4 m.)

KPMC	M	1000
WCNW	2	250
WWRL	2	250
XEAB	....	5000

a	Bakersfield, Calif., Pioneer Mercantile Co.
a	Brooklyn, N. Y., Arthur Faske
a	Woodside, N. Y., Long Island Brdcastg. Corp.
z	Villa Acuna, Coah.

(Continued from page 4)

R. J. Townsley, 108 Locust St.,
Wrightsville, Pa. (Correspond).

John N. Varga, 4758 West End
Ave., Chicago, Ill. (SWL cards).

Harold Balaam, 11919 School St.,
Lynwood, Calif. (SWL cards).

R. A. Butts, c/o Cabin Creek Lum-
ber Co., Easton, Wash., wants to buy
or borrow log books of years 1920,
1922, 1924, 1926 and 1928. If anyone
having such a book, does not care to
sell it, Mr. Butts promises to take
good care of it if he man borrow it.

Anyone who is interested in DXing
may join the Radex Club. There are
no obligations and no fees. Just send
your request for membership on a
postal card and we will send your
membership card.

**YOUR COPY OF RADEX
DELIVERED TO YOUR HOME.
SEE PAGE 80**

Page seventy-four

BROADCASTING STATIONS BY CALL LETTERS

For power and network affiliations, see The space under the call letters may be used for logging or checking.
the list of stations by frequencies.

CBA	1070	CHGS	1480	CKCW	1400	CMBX	1390	CMHP	1320	CMKW	1000
CBF	690	CHLN	1450	CKGB	1470	CMBY	1110	CMHQ	810	CMKX	1090
CBJ	1240	CHLP	1490	CKLN	1450	CMBZ	950	CMHT	990	CMKY	1350
CBK	540	CHLT	1240	CKLW	800	CMC	1360	CMHX	1480	CMKZ	1430
CBL	740	CHML	900	CKMC	1240	CMCA	1490	CMJA	1060	CMOA	1360
CBM	940	CHNC	610	CKMO	1410	CMCB	1390	CMJC	1340	CMOX	1490
CBO	910	CHNS	960	CKNB	1240	CMCF	910	CMJE	1230	CMQ	690
CBR	1130	CHRC	1400	CKNX	1230	CMCG	1460	CMJF	1300	CMW	550
CBV	980	CHSJ	1150	CKOC	1150	CMCH	1290	CMJH	1370	CMX	1010
CBY	1010	CHWK	1340	CKOV	630	CMCJ	1580	CMJI	1440	CMZ	630
CFAC	960	CJAT	610	CKPC	1380	CMCK	980	CMJK	620	FQN	609
CFAR	1400	CJBR	900	CKPR	580	CMCM	1060	CMJL	920	HHK	1080
CFCF	600	CJCA	930	CKRN	1400	CMCO	1230	CMJM	1270	HHW	1230
CFCH	1230	CJCB	1270	CKSO	790	CMCQ	1420	CMJN	740	HIN	1090
CFCN	1010	CJ CJ	1230	CKTB	1230	CMCR	1580	CMJO	1470	HIX	950
CFCO	630	CJCS	1240	CKUA	580	CMCU	1190	CMJQ	1580	HIZ	1350
CFCT	1480	CJGX	1460	CKVD	1230	CMCW	1230	CMJW	1400	HISQ	1470
CFCY	630	CJIC	1490	CKWX	980	CMCX	1290	CMK	740	HOK	640
CFGP	1340	CJKL	560	CKX	1150	CMCY	590	CMKC	1250	HRN	1450
CFJC	910	CJLS	1340	CKY	990	CMGE	1470	CMKD	1290	KABC	1450
CFLC	1450	CJOC	1400	CMAB	1450	CMGF	1240	CMKE	1320	KABR	1420
CFNB	550	CJOR	600	CMAC	1370	CMGH	1440	CMKF	1490	KADA	1230
CFOS	1400	CJRC	630	CMAN	1300	CMGN	1310	CMKG	1050	KALB	1240
CFPL	1570	CJRM	980	CMAX	830	CMHA	1280	CMKH	1130	KALE	1330
CFPR	1240	CKAC	730	CMBC	790	CMHB	1410	CMKM	560	KAND	1340
CFQC	600	CKBI	900	CMBD	1420	CMHD	1560	CMKN	930	KANS	1240
CFRB	860	CKCA	1450	CMBF	1260	CMHI	570	CMKO	1220	KARK	920
CFRC	1490	CKCH	1240	CMBG	1330	CMHJ	1350	CMKQ	1460	KARM	1340
CFRN	1260	CKCK	620	CMBH	1540	CMHK	1380	CMKR	1390	KASA	1240
CHAB	1220	CKCL	580	CMBL	860	CMHM	1450	CMKS	900	KAST	1230
CHCK	1340	CKCO	1340	CMBQ	1150	CMHN	960	CMKU	970	KATE	1450
CHGB	1230	CKCV	1340	CMBS	1330	CMHO	1250	CMKV	600	KAVE	1240

BROADCASTING STATIONS BY CALL LETTERS

KAWM	1490	KEYS	1490	KFRO	1370	KGHF	1350	KINY	1460	KNX	1070
KBIX	1490	KFAB	780	KFRU	1400	KGHI	1230	KIRO	710	KOA	850
KBIZ	1240	KFAC	1330	KFSD	600	KGHL	790	KIT	1280	KOAC	550
KBKR	1490	KFAM	1450	KFSG	1150	KGIR	1370	KITE	1590	KOAM	810
KBND	1340	KFAR	610	KFUN	1450	KGIW	1450	KIUL	1240	KOB	1030
KBPS	1450	KFBB	1310	KFUO	850	KGKB	1490	KIUN	1400	KOBH	1400
KBST	1490	KFBC	1450	KFVD	1020	KGKL	1400	KIUP	1400	KOCA	1240
KBTM	1230	KFBI	1070	KFVS	1400	KGKO	570	KJBS	1100	KOCY	1340
KBUR	1490	KFBK	1530	KFWB	980	KGKY	1490	KJR	1000	KODL	1230
KBWD	1380	KFDA	1230	KFXD	1230	KGLO	1300	KLBM	1450	KOH	630
KCKN	1340	KFDM	560	KFXJ	1230	KGLU	1450	KLCN	1320	KOIL	1290
KCMC	1450	KFDY	790	KFXM	1240	KGMB	590	KLO	1430	KOIN	970
KCMO	1480	KFEL	950	KFYO	1340	KGNC	1440	KLPM	1390	KOKO	1400
KCRC	1390	KFEQ	680	KFYR	550	KGNF	1460	KLRA	1420	KOL	1300
KCRJ	1340	KFGQ	1400	KGA	1510	KGNO	1370	KLS	1310	KOMA	1520
KDAL	1490	KFH	1330	KGB	1360	KGO	810	KLUF	1400	KOME	1340
KDB	1490	KFI	640	KGBS	1240	KGU	760	KLX	910	KOMO	950
KDFN	1470	KFIO	1150	KGBU	930	KGVO	1290	KLZ	560	KONB	1490
KDKA	1020	KFIZ	1450	KGBX	1260	KGW	620	KMA	960	KONO	1400
KDLR	1240	KFJB	1230	KGCU	1270	KGY	1240	KMAC	1400	KOOS	1230
KDNT	1450	KFJI	1240	KGCS	1480	KHAS	1230	KMBC	980	KORE	1450
KDON	1240	KFJM	1440	KGDE	1230	KHBC	1230	KMED	1440	KORN	1400
KDRO	1490	KFJZ	1270	KGDM	1130	KHBG	1240	KMJ	580	KOTN	1490
KDTH	1370	KFKA	910	KGEK	1230	KHJ	930	KMLB	1230	KOVC	1490
KDYL	1320	KFKU	1250	KGER	1390	KHMO	1340	KMMJ	750	KOVO	1240
KECA	790	KFMB	1450	KGEZ	1340	KHQ	590	KMO	1360	KOWH	660
KELA	1470	KFNF	920	KGFF	1450	KHSL	1290	KMOX	1120	KOY	550
KELD	1400	KFOR	1240	KGFI	1490	KHUB	1340	KMPC	710	KPAB	1490
KELO	1230	KFOX	1280	KGFI	1230	KICA	1400	KMTR	570	KPAC	1250
KENO	1400	KFPL	1340	KGFL	1400	KID	1350	KMYC	1450	KPDN	1340
KERN	1410	KFPW	1400	KGFW	1340	KIDO	1380	KMYR	1340	KPFA	1240
KEUB	1450	KFPY	920	KGFX	630	KIDW	1450	KNEL	1490	KPHO	1230
KEYR	1400	KFQD	790	KGGF	690	KIEM	1480	KNET	1450	KPLC	1490
KEX	1190	KFRC	610	KGGM	1260	KIEV	870	KNOW	1490	KPLT	1490

BROADCASTING STATIONS BY CALL LETTERS

WILM	1450	WJLS	1240	WKST	1280	WMBG	1380	WNAD	640	WPAT	930
WINC	1400	WJMA	1340	WKWK	1400	WMBH	1450	WNAX	570	WPAX	1240
WIND	560	WJMC	1240	WKY	930	WMBI	1110	WNBC	1410	WPAY	1400
WING	1410	WJMS	1450	WKZO	590	WMBO	1340	WNBF	1490	WPEN	950
WINN	1240	WJNO	1230	WLAC	1510	WMBR	1400	WNBH	1340	WPAD	1450
WINS	1000	WJOB	1230	WLAG	1240	WMBBS	590	WNBZ	1320	WPER	1340
WINX	1340	WJPF	1340	WLAK	1340	WMC	790	WNEL	1320	WPIC	790
WIOD	610	WJPR	1340	WLAN	1450	WMCA	570	WNEW	1280	WPID	1240
WIP	610	WJR	760	WLAP	1450	WMDF	1450	WNLC	1490	WPPA	790
WIRE	1430	WJRD	1230	WLAV	1340	WMEX	1510	WNOE	1450	WPRO	630
WIS	560	WJSV	1500	WLAW	680	WMFD	1400	WNOX	990	WPRP	1520
WISE	1230	WJTN	1240	WLB	770	WMFF	1340	WNYC	830	WPTF	680
WISH	1310	WJW	1240	WLBC	1340	WMFG	1240	WOAI	1200	WQAM	560
WISN	1150	WJZ	770	WLBJ	1340	WMFJ	1450	WOC	1450	WQAN	910
WISR	680	WJZM	1400	WLBL	930	WMFR	1230	WOCB	1240	WQBC	1390
WITH	1230	WKAQ	620	WLBZ	620	WMGA	1400	WOI	640	WQXR	1560
WIZE	1340	WKAR	870	WLEU	1450	WMIN	1400	WOKO	1460	WRAK	1400
WJAC	1400	WKAT	1360	WLLH	1400	WMIS	1490	WOL	1260	WRAL	1240
WJAG	1090	WKBB	1490	WLNH	1340	WMJM	1490	WOLF	1490	WRAW	1340
WJAR	920	WKBH	1410	WLOF	1230	WMMN	920	WOLS	1230	WRBL	1230
WJAS	1320	WKBN	570	WLOG	1230	WMOB	1230	WOMI	1490	WRC	980
WJAX	930	WKBO	1230	WLOK	1240	WMOG	1490	WOMT	1240	WRDO	1400
WJBC	1230	WKBV	1490	WLOL	1330	WMPC	1230	WOOD	1300	WRDW	1490
WJBK	1490	WKBW	1520	WLPM	1450	WMPS	1460	WOPI	1490	WREC	600
WJBO	1150	WKBZ	1490	WLS	890	WMRC	1490	WOR	710	WREN	1250
WJBW	1230	WKEU	1450	WLVA	1230	WMRF	1490	WORC	1310	WRGA	1490
WJBY	1240	WKIP	1450	WLW	700	WMRN	1490	WORD	1400	WRJN	1400
WJDX	1300	WKMO	1400	WMAL	630	WMRO	1280	WORK	1350	WRLC	1450
WJEJ	1240	WKNE	1290	WMAM	570	WMSD	1450	WORL	950	WRNL	910
WJHL	910	WKNY	1490	WMAN	1400	WMSL	1400	WOSU	570	WROK	1440
WJHO	1400	WKOK	1240	WMAQ	670	WMT	600	WOV	1130	WROL	620
WJHP	1320	WKPA	1150	WMAS	1450	WMUR	610	WOW	590	WRR	1310
WJIM	1240	WKPT	1400	WMAW	1230	WMVA	1450	WOWO	1190	WRUF	850
WJJD	1160	WKRC	550	WMAZ	940	WNAB	1450	WPAB	1370	WRVA	1140
WJLB	1400	WKRO	1490	WMBD	1470	WNAC	1260	WPAR	1450	WSAI	1360

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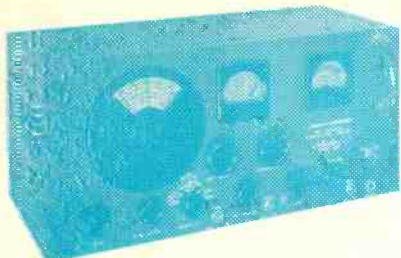
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FOR THE ALL-WAVE CHAMPION HALLICRAFTERS



Through the courtesy of Mr. Royal Higgins and Mr. W. J. Halligan, The Hallcrafters, Inc., of Chicago, Ill., have donated a HALLICRAFTERS SKY-RIDER DEFIANT RECEIVER, Model SK-24, to be given to the person who will be declared the All Wave Champion.

This all-wave receiver is truly one of the finest communications sets on the market today. Frequency Meter tuning is provided by means of two translucent illuminated dials, one for the main tuning control and the other for the electrical bandspread system. A built-in noise limiter is provided. Variable selectivity in six positions from sharp crystal to broad I. F. A. carrier level meter is calibrated in "S" units and decibels. A double-balanced bridge-type crystal filter, frequency stabilization and a full four-band tuning range from 540 kcs. to 43500 kcs. all contribute to its peak performance. Amplification selectivity is provided by a T. R. F. stage and two high-gain I. F.'s.

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