

# RADIO INDEX

*The All-Wave Log Authority*

FEBRUARY, 1942

NO. 149

**OFFICIAL ORGAN OF THE RADEX CLUB  
AND THE ASSOCIATION OF RADIO CLUBS**  
NRC, URDXC, SWLR, WDXA, ARAC, GNSWLC, RADEX

*A  
beautiful  
TP Veri*



*on  
the  
shortwaves*

## SPECIAL TRANS PACIFIC EDITION

**KEEP 'EM FLYING  
LET'S KO THE JO'S**

**IN  
CANADA**

**35c**

**TRANS - PACIFIC LISTS  
HOW TO TUNE TP'S  
DEFENSE MONITORS  
NEW WESTERN EDITORS  
CONTEST WINNERS**

**30c**



# RADEX IN DEX

Reg. U. S. Patent Office



EIGHTEENTH YEAR

FEBRUARY 1, 1942

NO. 149

RAY LA ROCQUE, *Editor*

L. A. YARNES, *Western SW Editor*

WILLIAM CUNNINGHAM, *Western BCB Editor*

OWEN P. CALLIN, *Amateur Editor*

## RADEX IS THE OFFICIAL ORGAN OF THE RADEX CLUB and

### The Association of Radio and DX Clubs

URDXC—Universal Radio DX Club, 7507 Holly St., Oakland, Calif.  
WDXA—World DXer's Alliance, P. O. Box No. 2, Wakefield Sta., N. Y. C.  
NRC—National Radio Club, 525 Stockbridge Ave., Buffalo, N. Y.  
SWLR—Short Wave Listener's Register, 1055 Springbrook Ave., Moosic, Pa.  
AQRAC—American QRA Club, 239 Nelson Drive, Baton Rouge, La.  
GNSWLC—Grand National SWL Club, P. O. Box 141, Station V, Cincinnati, O.

**All Editorial material for use in RADEX, news items, suggestions, and criticisms, except that intended directly for the Western or Amateur editors (addresses published elsewhere) should be addressed to the RADEX Editorial Office.**

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#### What's New

Innovations in this issue of RADEX include the placing of all South American stations reported by RADEX readers this season in our Standard Broadcast Index by Frequencies. As others are reported they will be inserted. . . . Many new slogans have been added to our Shortwave Station list and a few addresses included. Slogans are in quotations and addresses in parentheses.

For your convenience RADEX takes a new form in this issue. It will be noticed that a key word accompanies the page number at the foot of every page. This key word will tell you at a glance the section of RADEX in which you are reading. All Shortwave news, information, and station lists are together in one section conveniently labeled "SW".

## T. P. Issue

RADEX, this month, is dedicated to trans-pacific reception on the broadcast band. A special article on tuning these stations, a list of Australian and New Zealand stations and other data as well as pictures are a feature of February RADEX. In keeping with the times, several articles on radio and the part it is playing in the war are featured.

### New Editors

We introduce in this issue our new Editors for the Western part of the country. It is believed that much more news and data can be presented our readers on the coast and in other parts of the West by having a separate shortwave and broadcast band department. Larry Yarnes was one of Mel Fishers most active reporters and is very capable of giving the shortwave bands a thorough going-over in each issue. We're sure you'll like his method of presenting the latest on the high frequencies.

Bill Cunningham is well known for his accurate station data and reports on the broadcast band. There is no doubt that his information packed column will "go over" with our fans in the West.

### Daylight Saving

By the time this issue of RADEX reaches you Daylight Saving Time will be in effect throughout the land. We feel that there will be less confusion in our indices if we keep our schedules on E.S.T. and if we continue to list all news and reports in Standard Time (E.S.T. for all items except for Western departments where P.S.T. will be used). We are heartily in favor of the change to Day-

light Saving to conserve power, but we are sure that our readers can appreciate the confusion and the many possible chances for errors that an attempted change of all our schedules would create. In order to avoid this same confusion in our reading matter, it is suggested that all DX fans keep one clock in their radio den set on E.S.T. for convenience in reporting and checking schedules.

### Special Issues

The response to our special Latin American issue has been so favorable that we have decided to continue the policy of dedicating each issue to some particular phase of the hobby. March RADEX will be a special Shortwave Issue, April-May RADEX will be a Kindred-Hobbies Issue, and the Summer Edition will be a Special FM Issue. Our first issue next Fall will be a Special Station Data issue listing world stations on all bands with much valuable data on all stations. Much of our shortwave issue will be ready for publication by the time you read these lines, but in planning the Kindred Hobbies Issue, we would like to solicit the aid of our readers to assure a thorough coverage of all possible hobbies that are a part of or closely related to DX. Such hobbies as SWL card swapping, block letter post card collecting, photo and snapshot collecting, the photography of listening posts and equipment, collecting stamps and foreign postmarks, will be described in detail and accompanied by a few pictures. If your-kindred hobby is not listed above, please get in touch with RADEX so that we may be sure to include in our Kindred Hobbies Issue.

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Page one

# Presenting

## THE SHORT WAVE LISTENER'S REGISTRY

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This is the fourth in a series of articles on individual radio and DX clubs which RADEX believes are an integral part of DX. Club directors are requested to contact us in regard to having their club presented in RADEX.

The Short Wave Listener's Registry was founded in Kansas City, Mo. in the fall of 1940. Was organized by a group of well known DX'ers. Its President at that time was William McGrannahan who originated the idea. In the year 1941 its headquarters were moved to Moosic, Pa. where it is presently located.

The Short Wave Listener's Registry is a club organized in the interest of the Short Wave Listener. We are trying to list all SWL's who will QSL 100%. In the past years many have made remarks about someone who had failed to QSL. We think we have done our part to help settle the old question of the Non QSL'er. All SWL's who will QSL in a reasonable time are welcome in the Club. The fee is but 25c a year and all members when joining will receive a membership card with their own personal club call, the latest list of QRA's (all 100%) and a supply of club stickers. When joining you have but one rule to abide by and that is to QSL 100% with other members. If at any time you would like QRA's from some locality, you have only to write to headquarters and a list will be sent to you free of charge.

At present we have no club bulletin but hope to publish one in the near future. When this is done all members will be notified and sample bulletins will be forwarded. The club at present has for its officers the following. William McGrannahan Hon. President, Lee Camp, Jr., President Elwin Gleason, Vice President and Robert Camp, Sec'y. We have, like

all other clubs, our District Managers and their Assistants who report to headquarters the latest in DX etc.

All interested in joining the S. W. L. R. will receive full information if he or she will write to its headquarters. We welcome all prospective members and hope to make 1942 a far better year for the SWL.

Lee Camp, Jr., President

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### RADIO BLACKOUTS

The Federal Communications Commission announces that at the request of the Army, it has assigned field inspectors to perform liaison duties between the Interceptor Command and the commercial radio stations in each area where radio silence may be required. When the inspector directs a station to maintain radio silence, it should be understood that the order originated with the Interceptor Command of the Army and carries with it the authority of the Federal Communications Commission.

Radio stations will be advised as promptly as possible when radio silence is no longer required so that they may resume normal operations. In this connection, plans are being made to effect a more rapid system of communication between the Com-stations which may be required to go off the air.

At the present time radio inspectors may be reached through the First Interceptor Command Headquarters,

(Page 30 please)

# The Radex Contest

## FINAL SCORES AND AWARDS

Our grand contest is over, and a new champion is crowned! Robert Sullivan of Brooklyn, New York, by means of a fine last minute spurt passed the boys who have been leading throughout the contest to take first place with a grand total of 23-828 points. Bob didn't win first place in any one of the contests but compiled a high total of amateur verifications and combined them with the high total of countries in shortwave broadcast verifications to gain the honor of All Wave DX Champion! The race was close with Steve Mann, and Roger Legge staging a neck and neck battle until the final coupon when friend Sullivan jumped suddenly ahead of both of them.

Roger Legge copped first place in both the ham and shortwave broadcast divisions; while Steve Mann took the broadcast band honors.

**All Wave Division:** 1st prize Hallcrafters Defiant SX24 receiver to Robert Sullivan, Brooklyn, N. Y.; 2nd prize of \$30 in cash to Stephan Mann, Hanover, N. H.; and 3rd prize a one year membership in the WDXA to Roger Legge, Binghamton, N. Y.

**Broadcast Band Division:** 1st prize of a Philco Strap-around Portable Radio to Stephan Mann, Hanover, N. H.; 2nd prize of \$15 in cash to Frank E. Lee, Wildwood, N. J.; and 3rd prize of one year membership in WDXA to Bob Brown, Goshen, Ind.

**Shortwave Division:** 1st prize of \$15 in cash to Roger Legge, Binghamton, N. Y.; 2nd prize of one year in the WDXA to Stephan Mann, Hanover, N. H.; and 3rd prize of a Spataro Radio Language Book to change to: R. Sullivan, Brooklyn, N. Y.

**Amateur Division:** 1st prize of \$15 in cash to Roger Legge, Binghamton, N. Y.; and 2nd prize of a two year subscription to RADEX to Robert Sullivan, Brooklyn, N. Y.; and 3rd prize of one year in the WDXA to Merton Meade, Kansas City, Mo.

All prizes will be awarded subject to final decision after inspection of verifications. As Roger Legge won two first prizes, which is not allowed, he will have his choice of accepting one of the second prizes instead of a first prize in one of the divisions. This will allow the second prize winner in one of these divisions to win the first prize. The final awarding is dependent, therefore upon the decision of Roger Legge. RADEX would like pictures of all the winners to use in future issues, as well as information on equipment used, DX accomplishments, etc.

### Complete scores

Following are complete scores with the total number of coupons submitted by the contestant shown in parenthesis.

### All Wave

23828—R. Sullivan. (6), Brooklyn, N. Y.  
19116—S. Mann. (6), Hanover, N. H.  
18678—R. Legge. (6), Binghamton, N. Y.  
9984—W. Knotts. (6), Pennsgrove, N. J.  
7131—L. Cavileer. (4), Haddon Heights, N. J.  
2280—H. Johnson. (6), Los Angeles, Calif.  
5412—D. Thomas. (5), Proctorsville, Ohio  
3450—T. Smith. (6), Orlando, Fla.  
3255—N. Maguire. (6), Albuquerque, N. Mex.  
3059—A. Cushen. (6), Dunedin, N. Z.  
2737—A. Laudansky. (5), Fort Shafter, T. H.  
2436—R. Brown. (6), Goshen, Ind.  
2394—L. Stracener. (6), Baton Rouge, La.  
2280—H. Johnson. (6), Los Angeles, Calif.  
1700—H. Mannix. (4), Cincinnati, Ohio.  
1640—G. Wetherill Jr., (2), Upper Darby, Pa.  
1562—A. Hankins. (6), Latrobe, Pa.  
1529—V. Stasen. (4), Philadelphia, Pa.  
1488—V. Longo. (3), Detroit, Mich.  
1449—N. Boonin. (3), Uupper Darby, Pa.  
1122—H. Newell. (4), Arlington, Mass.  
1026—N. Kane. (5), Buffalo, N.Y.  
876—R. Woollacott. (3), Rochester, N.Y.

FEATURE—Page three

756—M. Meade. (6), Kansas City, Mo.  
 480—D. Fraser. (2), Detroit, Mich.  
 404—C. Bender. (3), Pittsburgh, Pa.  
 340—J. Davis. (6), Rochester, N.Y.  
 336—J. Lippincott. (3), Celso Community, N.C.  
 330—E. Erickson. (3), Bethel, Conn.  
 330—A. Renfro. Jr. (2), Johnson City, Tenn  
 204—R. Burson. (3), Mansfield, Ohio  
 170—C. Reed. (4), Cocoa, Fla.  
 154—C. Rogers. (5), Delevan, N.Y.  
 136—Joe & Al Kaiser. (5), Mahoney City, Pa.  
 136—W. Shirley. (3), Indianapolis, Ind.  
 72—H. Webster. (2), Scottsville, N.Y.  
 45—F. Wheeler. (4), Erie, Pa.  
 7—M. Andelfinger. (1), L.I. City N.Y.  
 4—K. White. (1), Oakland, Calif.  
 4—R. Moore. (2), Manchester, Mass.  
 4—M. Rizas. (2), Biddeford, Me.  
 3—A. Shrimpton. (1), Cleveland, Ohio

### Broadcast Band

4408—Steve Man. (6), Hanover, N. H.  
 3840—F. Lee. (6), Wildwood, N. J.  
 3736—D. Thomas. (5), Princeton, N. J.  
 2436—R. Brown. (6), Goshen, Ind.  
 2124—L. Cavileer. (4), Haddon Hts., N. J.  
 2112—W. Richard. (6), Zion, Ill.  
 2080—N. Maguire. (6), Albuquerque, N.M.  
 1570—G. Wetherill Jr. (2), Uuper Darby, Pa.  
 1456—J. Weaver. (6), Elkhart, Ind.  
 1350—N. Boonin. (3), Upper Darby, Pa.  
 944—C. Stedman. (4), Westerly, R. I.  
 644—W. Knotts. (6), Pennsgrove, N.J.  
 630—R. Wollacott. (3), Rochester, N.Y.  
 581—A. Cushen. (6), Dunedin, N.Z.  
 544—E. Laudansky. (5), Ft. Shafter, T.H.  
 525—F. Susoreny. (2), E. Chicago, Ind.  
 504—V. Stasen. (4), Phila. Penn.  
 432—P. Gridley. (4), Holyoke, Mass.  
 396—B. Scott. (6), Johnson City, Tenn.  
 380—D. Fraser. (2), Detroit, Mich.  
 360—W. Rosenberger. (4), Yankton, S.D.  
 340—J. Davis. (6), Rochester, N.Y.  
 336—A. Dvan. (4), Meadville, Pa.  
 318—C. Mustoe. (2), Brady, Montana  
 292—L. Stracener. (6), Baton Rouge, La.  
 288—V. Longo. (3), Detroit, Mich.  
 275—C. Weyrich. (2), Parkville, Md.  
 235—H. Johnson. (6), Los Angeles Cal.  
 200—J. Lippincott. (3), E. Vassalbor, Me.  
 160—A. Hankins. (6), Latrobe, Pa.  
 160—E. Erickson. (3), Bethel, Conn.  
 138—H. Mannix. (4), Cincinnati, Ohio  
 128—P. Bates. (6), Phila. Penn.  
 102—F. Douglas. (2), Ansonia, Conn.  
 90—C. Bender. (3) Pittsburgh, Penn.  
 75—N. Saxton. (1), Chicago, Ill.  
 69—A. Renfro. (2), Johnson City, Tenn.  
 63—D. Reynolds. (1), Newburgh, N. Y.  
 60—S. Tellis. (1), Phila. Penn.  
 49—D. Camp. (1), Atlanta, Ga.  
 40—E. Murphy. (2), Johnson, Vt.  
 38—C. Burnham. (1), Gloucester, Mass.  
 35—D. Stone. (1), Midland, Mich.  
 30—R. Burson. (3), Mansfield, Ohio.  
 28—F. Wheeler. (4), Erie, Pa.  
 22—N. Kane. (5), Buffalo, N. Y.  
 18—J. & A. Kaiser. (5), Mahanoy City, Pa.  
 12—J. Dean. (1), Toronto, Canada  
 9—C. Reed. (4), Cocoa, Fla.  
 6—R. Drauer. (1), Los Angeles, Cal.  
 3—A. Shrimpton. (1), Cleveland, Ohio.  
 2—M. Rias. (2), Biddeford, Me.  
 1—R. Moore. (2), Manchester, Mass.

### Amateur

4104—R. Legge. (6), Binghamton, N. Y.  
 2976—R. Sullivan. (6), Brooklyn, N.Y.  
 2619—M. Meade. (6), Kansas City, Mo.  
 2006—P. Bates. (6), Phila. Pa.  
 1032—B. Scott. (6), Johnson City, Tenn.  
 861—R. Crabill. (5), Wash., D.C.  
 684—S. Mann. (6), Hanover, N.H.  
 630—M. Unger. (3), Detroit, Mich.  
 438—M. O'Meara. (4), Manchester, Mass.  
 344—W. Knotts. (6), Pennsgrove, N.J.  
 330—E. Newman. (6), Long Island, N.Y.  
 291—S. Sosnowski. (2), Detroit, Mich.  
 253—R. Kustner. (6), New Braunfels, Tex.  
 208—V. Stasen. (4), Phila. Pa.  
 200—A. Cole. (4), Norfolk, Va.  
 175—E. Laudansky. (5), Ft. Shafter, T.H.  
 168—E. Erickson. (3), Bethel, Conn.  
 110—C. Bender. (3), Pittsburgh, Pa.  
 102—H. Mannix. (4), Cincinnati, Ohio.  
 84—R. Burson. (3), Mansfield, Ohio.  
 84—L. Stracener. (6), Baton Rouge, La.  
 60—A. Hankins. (6), Latrobe, Pa.  
 55—T. Smith. (6), Orlando, Fla.  
 42—H. Johnson. (6), Los Angeles, Cal.  
 42—J. & A. Kaiser. (5), Mahanoy City, Pa.  
 42—A. Renfro. (2), Johnson City, Tenn.  
 32—H. Webster. (2), Scottsville, N. Y.  
 24—N. Kane. (5), Buffalo, N. Y.  
 15—K. Anderson. (3), Detroit, Mich.  
 9—J. Lippincott. (3), Celso Community, N.C.  
 9—N. Boonin. (3), Upper Darby, Pa.  
 6—V. Longo. (3), Detroit, Mich.  
 4—C. Reed. (4), Cocoa, Fla.  
 4—C. Rogers. (5), Delevan, N.Y.  
 3—G. Wetherill. (2), Upper Darby, Pa.  
 1—R. Moore. (2), Manchester, Mass.  
 1—M. Rizas. (2), Biddeford, Me.

### Short Wave

8360—R. Legge. (6), Binghamton, N. Y.  
 2120—Steve Mann. (6), Hanover, N. H.  
 1408—R. Sullivan. (6), Brooklyn, N.Y.  
 1050—A. Cushen. (6), Dunedin, N.Z.  
 1034—O. Laperal. (6), Manila, P.I.  
 782—H. Jackson. (6), Los Angeles, Cal.  
 760—E. Hoffman. (4), Roanoke, Va.  
 722—A. Hooker. (6), Sask, Canada.  
 554—L. Stracener. (6), Baton Rouge, La.  
 416—E. Laudansky. (5), Fort Shafter, T.H.  
 391—N. Kane. (5), Buffalo, N.Y.  
 352—H. Mannix. (4), Cincinnati, Ohio.  
 320—F. Fellers. (5), Amherst, Mass.  
 304—A. Hankins. (6), Latrobe Pa.  
 240—B. Scott. (6), Johnson City, Tenn.  
 195—V. Longo. (3), Detroit, Mich.  
 143—P. Bates. (6), Phila., Pa.  
 120—C. Rogers. (5), Delevan, N.Y.  
 117—D. Bishop. (2), Liberty, Sask.  
 108—C. Reed. (4), Cocoa, Fla.  
 81—R. Hayre. (3), Salem, Oreg.  
 30—A. Renfro. (2), Johnson City, Tenn.  
 10—H. Jones. (2), Johnstown, Pa.

- 9—R. Woollacott. (3). Rochester, N.Y.
- 9—J. Lippincott. (3), E. Vassalboro, Me.
- 9—H. Webster. (2), Scottsville, N.Y.
- 9—V. Stason. (4), Phila, Penn.
- 8—G. Wetherill Jr. (2), Upper Darby, Pa.
- 8—J. & A. Kaiser. (5), Mahanoy City, Pa.
- 6—A. Cole. (4), Norfolk, Va.
- 6—R. Burson. (3), Mansfield, Ohio.
- 6—K. Anderson. (3), Detroit, Mich.
- 4—N. Boonin. (3), Upper Darby, Pa.
- 4—E. Erickson. (3), Bethel, Conn.
- 1—F. Wheeler. (4), Erie, Pa.
- 1—C. Bender. (3), Pittsburgh, Pa.
- 1—W. Camp. (1), Atlanta, Ga.
- 1—F. Williams. (1), Glendale, Cal.
- 1—D. Fraser. (2), Detroit, Mich.
- 1—M. Rizas. (2), Biddeford, Me.
- 1—R. Crabill. (5), Wash., D.C.

**HP5G-HOA TO HONOR  
RADEX FEBRUARY 21**

RADEX is to be honored by a special good-will broadcast from stations HP5G on 11780 kcs., and HOA on 2340 kcs. on Saturday evening February 21, from 10-10:30 p.m.

The program has been offered by George Williams, popular manager of the station who is noted throughout the world for his "Radio Newspaper" broadcasts over these internationally famous stations. "Broadcasting The News of the Day from the Cross Roads of the World" is the slogan used often to describe his RADIO NEWSCASTS.

During the broadcast prizes will be offered listeners for interesting and correct reports. RADEX is offering a half-year subscription. Other prizes such as beautifully bound and illustrated books on the war received from London by George Williams, himself a veteran of the last World War, serving as a British Naval Radio Operator. The originator of Panama's "Radio Newspaper" is a veteran of 25 years experience in radio.

RADEX readers are urged to tune in on what we are sure will be an entertaining program and you might like to drop the station a line and become eligible for one of those novel prizes!



*Walter Koester, who has been rendering a valuable service to DXers for many years with his Return Postage Bureau in Rutherford, N. J.*

The best method of including return postage in your letters has proven to be that of using unused stamps from the country to which you are writing. A splendid service to DXers is the Return Postage Bureau, 85 Francisco Ave., Rutherford, New Jersey, operated by Walter H. Koester.

In the last issue of RADEX a complete list of Latin American nations from which stamps were available was included along with cost of stamps for letter and post card rates. Listed below are trans-pacific countries (Axis dominated countries omitted) for which you may buy unused stamps at prices listed below. If you send stamps to pay for your order, please send commemorative stamps.

Country	P. Card	Letter
Australia .....	6c	9c
D. I. Indies .....	8	12c
India .....	7c	11c
New Zealand .....	5c	9c
Papua .....	7c	11c
U.S.S.R. (Siberia) ..	8c	14c
Tahiti .....	8c	12c

Dutch East Indies stamps are used in Borneo, Celebes, Dutch New Guinea, Sumatra and Java.

# Questions and Answers

Of, by, and for RADEX Readers

Arthur M. Hankins, 1006 Ligonier St., Latrobe, Pa: "What unknown British station relaying B.B.C. on 1180 Kcs. Also an unknown British station in the 30 meter band at about 9800 Kcs. It was heard with B.B.C. at 7 P.M. giving the program schedule for the evening?"

George Wells, Jr., Warwick Neck P.O. Warwick, R. I: "I would like some information on the following stations; CHX on or about 9,000 Kcs. CZ2W and CZ4F also NAVS, NAD2 and NAEN on 2716 Kcs.,"

Frank Coryell, 2401 Coventry Rr. Cleveland, Ohio: "What station heard on 3447 Kcs. Announced as "Station WOFC or WOAC in Chicago testing on 3447 Kcs. for F.M. "Heard at 9:30 P.M. EST?"

Joe & Al Kaiser, 418 West Market St., Mahanoy City, Penna: "What station operates on 12000 Kcs. from 1 to 2 P.M. on Sundays? At 1:15 & 1:45 a strange tune is played. The program was all talking. Also what French speaking station operates on approximately 6020 Kcs. Does Russia answer any requests for verifications? Also a Swedish station on 15155 Kcs. at 10 A.M. on Saturday heard asking for reports?"

Robert Koppelon, 92 Vasar Ave., Newark, N. J.: "I recently received verifications from a station in Barranquilla, and another in Bogota, Colombia, the card from the former was signed "Ernisores Unidas" no call letters being given. The latter sent a letter also with the call omitted. The letterhead simply said "Radiodifusion Colombiana S. A. Carrera 7 A No. 22-59-3 er Piso, Teatro Colombia, Bogota. What makes it confusing is that I have reports out to HJAN and HJAH in Barranquilla and HJCS, HJCB and HJ CZ in Bo-

FORT MILLS, CORREGIDOR  
PHILIPPINE ISLANDS

## KA1GH

*Hubert*  
RADIO *Ha. 16.4* QSL OUR *10.64* MC QSO  
RST..... QRM..... QRN..... QSB.....  
Rig Hr..... Rcvr *HG 12.0*  
REMARKS..... *for KA1GH*..... *G. W. N. F. L. Baker*

GEORGE G. HATHAWAY,  
DET. 10TH SIGNAL SERVICE CO.

*A QSL from the scene of action.*

gota. Which stations answered me? Also what stations am I hearing on the following frequencies, all Latin Americans; 1275 kcs. from 1-2 A.M.; 850 kcs. heard daily around 8 P.M.; On 990 kcs. daily from 9 P.M. back of WNOX; 1220 kcs. daily around 10 P.M. back of XEB; On 825 kcs. daily around 10 P. M. Also does anyone know how to pry verifications from CMBH, KUTA, XESM, CMZ, TIGPH, WKMO, WWDC, XEK? Is WMUR on the air yet?"

Warren Brown, Hillside Ave., Ashaway, R.I.: "Have WNEW changed their frequency?"

Ernest R. Cooper, 483 E. 21st St., Brooklyn, N.Y.: "Who are Spanish speaking stations on 780, 830, and 13-52 Kcs.?"

Bill Davidson, 232 Montezuma Rd., Montgomery, Ala: "What Spanish speaking station is heard on 11,950 Kcs. around 11:00 A.M. EST. Also station identified as VOSP on about 12,225 kcs. calling another station. Is this a Canadian amateur, if so, what is the location? What is the power and exact frequency of WCB or WCW in New York City. What is

the station heard calling Manila at 5:30 P.M. EST. Dec 8th on about 1300 kcs. Also what station heard calling XEWW on about 15,100 kcs. at 8:30 A.M. EST. What is the station heard under WJR speaking a foreign language about 8:30 P. M. EST?"

A. McIntyre, 1148 Pacific, Vancouver, B.C.: "I have a Sky rider 1936-S9, lately this set has gone out of oscillation on band 2 and oscillates again about 2.8 Megs. and on band 3 it goes out of oscillation at about 7. megs and comes back in at 11. megs. Now with the A.V.C. off these spots are dead but with A.V.C. on I can get stations. I've had the set to service men but they don't seem to be able to find the trouble. I also have tried different A.V.C. tubes, to no avail. Now I wonder if someone has had the same thing happen to him and can suggest what may be wrong?"

#### ANSWERS

For Hal Robie: "There must be a station in Hawaii which has the program "Hawaii Calls" because they are heard on U.S. stations. This means they are relayed from Hawaii. Anna Puzinski, R.F.D. No. 2 Thomaston Rd. Torrington, Conn.

For L. N. Stracener: "I got my XELO veri by sending a prepared card to them for signature. I wrote to San Diego, Cal. It was signed by W. E. Branch." Ernest R. Cooper, 438 E. 21st St., Brooklyn, N. Y.

For L. N. Stracener: "WILYH, Guy A. Bixby, 107 Malden, Everett, Mass., WIXLC, F. B. Newton, Nauset Rd., sand, 1040 Channing Ave., Palo Alto, East Orleans, Mass. W6RX, John Im-Calif. XEILF; Antonio Iascurain Obregon, Londres 44 Mexico, D.F. XE-IMF, Conrado MacFarland C., Apartado Postal 194 Puebla, Pue." Carl Vogel, 1424 Indiana Ave., Camp Taylor, Ky.

For Geo. Wells: "You said you heard two hans during a QSO say they throw SWL's letters in the waste basket, P. S. They take the stamps off first. Hi." Anna Puzinski, R.F.D. No. 2 Thomaston Rd. Torrington, Conn.

oFr Benny Miller: "WAPI's power is 100 watts. It overrides WWVA from VA. which is nearer and with 40,000 watts more power. It all depends on conditons. Some times it can be heard good with no interference." Anna Puzinski, R.F.D. No. 2 Thomaston, Rd., Torrington, Conn.

For Ovila Audette: "WSRR is on the air, since the middle of October. It is on 1400 Kcs. I got a Veri from them. The send it in letter form. The address, 18 Atlantic St. The owner and operator is Stephen Rintoul. Gen Mgr. is Slocum Chapin. Veri's are signed by John Reilly. Ch. Eng. WSRR was heard good until WHYN of Holyoke, Mass came on the air. They have the same power but Holyoke is a little closer than Stamford." Anna Puzinski, R.F.D. No. 2, Thomaston Rd. Torrington Conn.

For Art Grant: COSGY used to verify, but I hardly believe they do now. After they get so many reports they stop. There are a few hans active in Guam. But the way conditions are now I don't think you will hear them. "Anna Puzinski, R.F. D. No. 2, Thomaston, Rd., Torrington, Conn.

**REMEMBER PEARL HARBOR  
BUY DEFENSE STAMPS AND BONDS**

#### SHORTWAVE FANS

Special Shortwave Issue  
of  
**RADEX**  
in March  
**ORDER NOW**

**FEATURE**—Page seven

# Ham Hounding

BY OWEN CALLIN

Reports and comments on ham radio should be sent direct to Owen P. Callin, 121 East Weber Road, Columbus, Ohio.

Just a short month or two ago we were beginning to take philosophically the fact that the only amateurs we were able to hear on the bands were those of the western hemisphere.

Today those war conditions that have in turn forced hams from the air in Great Britain, Australia, New Zealand, and the other countries of the world are an actuality in the United States. Our hams have been denied the use of the air lanes.

So, there is only one thing to do. The United States must and is acting—not only to bring our own W's back to the air but to make the world a place where hams in every country may pick up and shout globe-circling "CQ's."

This is only a transitory period. Take it calmly, and prepare to do your part—for every one has a vital place in the satisfactory fulfillment of this freeing of democracy.

And above all—keep those headphones handy, because the days of DXing are NOT over.

First of all comes your help to your country. We are all buying defense bonds, of course. But looking at the radio end of defense, certain other duties become apparent.

The army and navy needs radio operators, repair and service men. If you are single, give them a hand. Technicians are needed for RADAR, the navy's new device for detecting the approach of airplanes and submarines. Men between the ages of 17 and 35 may enter the navy as naval reservists with petty officer rank and may receive schooling which will fit them for advanced ratings paying as



*W5HDL's QSL, a beauty in yellow and silver blue on white.*

high as \$99 monthly, plus allowances for dependents.

If you are under 17 keep glued to the radio in your spare time and report any signals which you might think are emanating from enemy receivers located inside the United States or other nearby friendly countries.

Remember that spies may abound in your vicinity and it is everyone's duty to expose them.

And above all, keep faith with your country and your government. Think at all times that this is merely a necessary "time out" period as far as SWLing on the ham bands is concerned. The return of the hams to the air is just around the corner.

Some of the Central and South American amateurs are still on the air.

And an afterthought—why not take this opportunity to brush up on that code and take the examination for a ham license?

Since conditions are what they are, there will naturally be no stations listed in country form.

If you are acquainted with any of the defense nets in your territory, write us about them.

So, this issue the column will sort of two itself along, so to speak.

First, our Radexer of the month—David G. Thompson, an interesting character who chose the only university defeat Ohio State on the gridiron last year, Northwestern.

Our letter informing Dave he was "it" for this month's presentation to his fellow club members so excited him that he forgot to tell me his Radex number!

"Now I know how a rabbit feels," he quipped, "to be pulled out of a hat!" (For you newcomers, we are presenting each month a Radexer, so that club members may be better acquainted. And the way we select the one to be presented is to pull a name out of the hat.)

Since May 11, 1940, Dave has been W3ISF. A friend, SWL Jack Irwin, interested him in the hobby and in September Dave bought his Halli-crafter Sky Buddy. After a winter and spring of DXing, our Washington, D. C. friend decided to try for a ham license.

During this period of DXing he verified many of the hams heard and exchanged SWL cards with other listeners. Finally, around Easter he passed the exam and went on the air.

With a single 6L6G he worked 29 states on 7164 kcs. Then on the opening day of the 1940 Sweepstakes he put the juice on an 807 final, with 50 watts input. Last spring he added an ECO: result—up until the last of July 45 states, Porto Rico, Canal Zone and Hawaii worked.



*Radexer of the month—David G. Thompson.*

Then Dave entered Northwestern University in the fall, strung up an antenna in the Phi Mu Delta house where he lives as a Phi Mu pledge, and turned to DXing on the broadcast band as the government clamped the ban on the hams.

Dave plays the clarinet in the famed Northwestern band (we've got a band over here in Columbus, too, Dave and pardon my bragging—I'm Ohio State '36) and likes to travel.

Fellows, take a look at Dave's picture and say howdy to a real DXer, SWL and ham!

Out from the west comes good news for radio listeners. Karl E. Pierson, of Los Angeles, has developed a radio receiver that is more effective in eliminating static than any now available, even the frequency modulated receivers.

Says Lee de Forest, the father of radio; "Pierson has accomplished what no other engineer working with amplitude modulation has succeeded in doing.

"He employs special silencers which possess the unique quality of cutting out or reducing in their intensity to an astounding degree all sorts of interference."

Pierson claims that the greater the noise, the better his receiver eliminates it, and further, the weaker the signal, the greater is the noise reduction.

Dr. De Forest said tests showed the receiver can pick up messages through interference four times the intensity of the signals themselves, exceeding in this respect frequency modulation sets.



It is with this receiver Pierson claims to have heard messages from Amelia Earhart on her fateful around the world flight in 1937.

In the mail bag this month were letter from two newcomers: Charlie Rogers of Delevan, N. Y. (R2245) and Robert McHale of Pittsburgh, Pa. (R2550).

Charlie comes forth with the news that K5AP advises he must have a nickle if anyone wants K5AP's QSL card. It is a beauty and is expensive so it's worth a five-cent piece. It is blue, silver and red.

Bob has an SX25 and although he has been DXing only four months has veris from 41 states and many foreign countries. His ham band catches include K7CBF, KA1CM, K6OJI and many others.

"No hams to hound," wails Bernie Arnole (R1978) but turns right around and reports XE1GK heard in a QSO with HH2ER on 40-meter fone.

Page ten—HAM

XE1GK's QRA was given as: Roman Arrequin, P. O. Box 130, Mexico City.

Frank Coryell (R2145) reports his best DX on 160 meters—W71JB on the west coast heard in Cleveland, Ohio.

The ham ban stopped James Wilburn's attempt to verify all states on his Sky Champion S20-R, but he finished with 31 states. KD4HHS verified with a yellow and red card.

James' non-QSLers are OA7A, OA1A, OA4V, OA4D, CE1AR, CE1AO, LU7BK, CX2CO, TI2RC, K4DSE and KB4HBX.

Charles Leboeuf comes through with some QRA's wanted by L. N. Stracener, Jr.:

W10XNL, Portable Mobile aboard a ship (didn't say which one) working on the Mississippi River below Memphis, Tenn.

W5XGV, Inland Waterways Communication Association, New Orleans, La. (Both stations use 4412.5 and 6455 kcs.)

Phil Bates (R1341) must have been busy lately—he sent in a million calls heard!

Well, Radexers, that's the works for this issue but by next month we should have this war condition straightened around a bit with more opportunities for DXing available.

Send in your ideas and what you hear on the bands.

And have you noticed how many new stations one can heard on the 40-meter band since the CW has gone?

**REMEMBER PEARL HARBOR**

**Help KO the JO's**

# Shortwaves In Review

## WORLD NEWS BY CONTENTS

*Compiled by RADEX from reader reports  
and from official station and press releases.*

Acknowledgement and lists of reporters are found in the club section of RADEX, along with special mention in our Report-O-Meter for those whose reporting was outstanding.

*For your convenience all outstanding items are in bold face type.*

### AFRICA

#### Algiers

TPZ verified for R2245 (N.Y.) in two and one half months with a card showing a view of Algiers. Data was typed on back. Station heard very faintly at 1:00 p.m. by R1843 (La.).

#### Mozambique

CR7BE on 9830 kcs. in Lourenço Marques is heard now with a remarkably good signal daily from 2-4 p.m. An English program is directed to North America on Monday, Wednesday, and Friday. A woman does the English announcing on these programs. (R2117-Pa.).

#### Egypt

SUV on 10050 kcs. in Cairo broadcasts NEWS to the United States almost every evening around 7 p.m. Signal is moderately strong. (R2421-Ky.).

#### U. of So. Africa

ZTE on 11770 kcs. operates from 1-4 a.m. (R1843-La.).

A South African Broadcasting Corp. station on 5900 kcs. (perhaps ZNB in Bechuanaland) heard at 11:45 p.m. with setting up exercises in Afrikaans, also 3-4 p.m. with relays of news from London at 3:45! (Legge-N. Y.).

### ASIA

#### China

XGRS in Shanghai on 12040 kcs. announces as the "Voice of Europe" from Shanghai and tests for the United States daily at 1 a.m. The station is German owned and controlled! (Maurice-N.Y.). . . XGRS is operating from 6-8 p.m. in English with news at 6:45 and 7:30 p.m.

XCDM is now off the air. This station was the American controlled station in Shanghai.

Your reports on shortwave reception are of vital importance to your government. Especially desired are reports of new stations, changes in schedule, frequency, and changes in program policy. Also desired are notes on English and foreign news broadcasts. Kindly rush all important reports by air mail or special delivery. RADEX will see that they reach the proper authorities in Washington.

Readers with spare time and good, well calibrated receivers are desired as defense monitors by RADEX. We would like at least one for each band. This work is voluntary and involves no obligations, but please do not apply unless you are willing and prepared to do a good job.

State the band you prefer to monitor and the type of equipment used, as well as the accuracy of the dial calibration of your receiver when applying.

XGOY is being heard from 3-5:30 a.m. Address is: "The Chinese International Broadcasting Station, Chungking, China. (R1843-La.).

"XGRS", quoting from R2228 Mass., "is certainly an enemy station. They sent three different magazines, two copies of each, and they were certainly what I call propaganda!" XGRS has changed frequency now and are on 11910 kcs. from 6-7 p.m. with English at 6:45 p.m.!

#### French Indo China

"Radio Saigon" on 11780 kcs. went off the air after the Jap attack, but they have now returned. Station was heard by R2228 (Mass.) from 7-7:20 p.m. with French news.

#### India

VUD2 on 7290 kcs. in Delhi heard coming on the air at 9:30 p.m. by R2117 (Pa.). A beat note (high pitched squeal) is heard five minutes before the program starts. At 9:30 a clock strikes 7 a.m. Signal was weak and faded out by 9:50 p.m.

#### Japan

New Japanese stations on 14200 kcs. and 14300 kcs. went on the air the day war started according to Coyrell (Ohio). The stations announced as "The Broadcasting Company of the Sun" instead of the usual "This is Tokyo Calling."

JLG-4 on 1500 kcs. and JZJ on 11800 kcs. is heard with English news and program from 6-6:30 p.m. nightly. A Japanese program follows.

JZI on 9535 kcs. and JZJ on 11800 kcs. have English news at 12:30 a.m. The program, however, starts at midnight according to R2228.

JVW-3 on 11725 kcs. is heard all evening by R2228 (Mass.) from 3-8 p.m. with Oriental programs.

JZI on 9535 kcs. reported at 4:30 a.m. with weak signal by R2117 (Pa.).

### Manchukuo

MTCY on 9545 kcs. heard at 8 a.m. by Legge (N.Y.).

### Netherlands East Indies

YDE on 4470 kcs. in Temerang is a new station heard at 9 a.m. (N.Z. Time by Cushman).

PLN verified for R1843 with an NIROM card. They operate on 15150 kcs. with 1000 watts. Address is The Netherlands Indies Broadcasting Co., Ltd., Batavia, Java, N.E.I.

## EUROPE

### Finland

OFE on 11785 kcs. in Lahti is heard by Long (Ga.) every night around 7:25 with good signal. Station is identified as "This is Finland Calling". News in English is at 7:30 p.m.

### France

"Lci Vichy. La Voix de France" is the announcement heard as this station comes on the air on 15240 kcs. at 10:15 a.m. Program is entirely in French and lasts until 10:45 a.m. Sign on and off with "La Marseilles." Stations uses for interval signal a few bars of a tune which starts "Yesterday, I Met Upon My Way, Three Great Kings of the Orient Riding." Art Hankins reports and says the tune is played often here around Christmas.

### Germany

DNM on 7270 kcs. reported by R2003 (N.Y.) in service to South America at 8:30 p.m. . . . DNJ on 7240 kcs. is heard by ditto in the evening on North American schedule. Signal is very good at times.

DJC on 6020 kcs. and DXB on 9610 kcs. heard in parallel with popular classical music at 2:15 p.m. News in English is broadcast at 2:30 p.m. (R7-Pa.1).

DJD on 11770 kcs. has NEWS in English at 12:30 p.m. (R7-Pa.1).

NEW station in Berlin operates on 6140 kcs. in the late afternoon (R2228-Mass).

### Great Britain

GSA on 6050 kcs. carrying the Pacific Coast transmission is the best heard British station here (R2006-Tex).

New London frequencies and calls are as follows:

GRD	15450	GRJ	7320
GRE	15375	GRK	7185
GRF	13095	GRM	7250
GRG	11680	GRN	6195
GRH	9825	GRO	6180
GRI	9415		

Some of these are already reported on the air. GRG on 11680 kcs. with NEWS in English at 1:15 p.m. is on until 4 p.m. . . . GRH on 9825 kcs. is on from 5:45 p.m. to 11:45 p.m. . . . GRI on 9415 kcs. is on from 6-7 a.m. . . . GRJ on 7320 kcs. heard at midnight. (R7-Pa.1) . . . GRN on 6195 kcs. heard during afternoon and evening to South Africa and to South America. . . . GRG on 11680 kcs. heard from 3:45 p.m. with NEWS in English. (R2003-N.Y.).

### Italy

2RO-4 on 11810 kcs. heard with NEWS in English at 2 p.m. and then stated that they would be on the air again with English program and news from 4-4:30 p.m. (R7-Pa.1).

IRF on 9815 kcs. heard by Sgt Brummond (Tex.) broadcasting in French to French West Africa from 6:45-7:00 p.m.

2RO-3 on 9625 kcs., 2RO-9 on 9670 kcs., and 2RO-18 on 8760 kcs. have the "American Hour" from 8-10:30 p.m. 2RO-3 and 2RO-18 continue until 11:30 p.m. while 2RO-9 is off at 10:30 p.m. (Brummond-Tex.)

Call of the Station in Italy carrying the American Hour on 10350 kcs. is wanted by Giles, Tex.

NEW station in Rome operates on 11950 kcs. in the afternoon and early evening and is heard with a good signal. \*-R2228-Mass.

### Portugal

CSW-7 on 9735 kcs. heard at 6:45 with Portuguese Anthem. Silence followed the anthem until 6:55 p.m. when a beautiful series of chimes sounded repeatedly until 7 p.m. when a clock struck midnight. After striking of clock the anthem is repeated and a woman announces in Portuguese and program proceeds.

### Spain

Spanish stations on 7025, 7037, 7090, 7130, 7140 kcs. heard in parallel from 3:45-4:30 p.m. relating "Radio Nacional de Espana" then with separate programs after that. 7037 is "Radio Mediterania at Valencia, and is on till 6 p.m. 7140 kcs. is believed to be Oviedo, and is on till 5:30 p.m. 7130 kcs. heard until 5 p.m., sometimes until 6 p.m. (Legge-N.Y.).

### Switzerland

HLB verified with a very nice card picturing seven towers. Their address is "Radio Nations," 12, Quai de la Poste, Geneva Switzerland. (R1843-I.a.).

### U.S.S.R.

"Radio Center Kubishev" is now operating in place of "Radio Center Moscow." They are using 9565 kcs. and 15110 kcs. on their broadcast to the United States from 6-8 p.m. However, they are now heard only on 15-230 kcs. with English news bulletins making up most of the program.

RV96 on 9520 kcs. reported by R1843 (La.) in the morning to 8:05 with good signals.

"Radio Center Moscow" is now being heard on 15600 kcs. until 6:40 p.m. when they announce as "Kubishev." (Feuer-Cal.).

RV96 on 19180 kcs. must be back on the air as it was heard in parallel with the 15110 kcs. station (R2006-III.).

Sverdlovsk (Siberia) on 12225 and 14920 kcs. heard from 7-8 a.m. with news in English at 7:20 a.m. announces "This is Sverdlovsk Calling." This program is also relayed on 12-060 kcs. and 15080 kcs., but these frequencies are not mentioned in announcements, so may not be at Sverdlovsk. Sverdlovsk on 9860 kcs. heard at 12:30 p.m. with NEWS in English. (Legge-N.Y.).

Kuibyshev on 10060 kcs. heard from 7:30 8:00 a.m. with news in English at 7:50 a.m. Announces "This is Kuibyshev Calling." (Legge-N.Y.).

All the old Moscow stations seem to be off the air, presumably bombed. Some of the new Russians announce as Moscow, but the transmitters may not be in Moscow, just relaying programs originating there. This is true of 15115 kcs. Legge-N.Y.).

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## NO. AMERICA

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### Canada

CFCX on 6005 kcs. is heard by R1978 (Ohio) at 7 a.m. daily with very powerful signal. R1470 (Oklahoma) says they verify with yellow card printed in black with call across the middle in red. Message is on reverse side.

CBRX on 6160 kcs. has started operations. They are on the air from 9 a.m. to 3 a.m. relaying CBR. (R1470-Okla.).

### Costa Rica

TIF (?) on approximately 6750 kcs. was heard signing off at midnight by R1978 (Ohio). Slogan was "The Voice of the Tropics" in San Jose.

TI4NRH announces his frequency as 9715 kcs. now. Armando is still carrying on and says he now has received over 860,000 letters during his 13 and one half years of broadcasting. At that time, 11:30 p.m. he was announcing his special program on 725 kcs. for NNRC. (R7-Pa.1).

TIX on 5905 kcs. will not verify reports R1470 (Okla.) according to word from the U.S. Consul.

TILS (officially 6165 kcs.) reported by R201 (Ill.) identifying at 10:30 p.m. on this frequency. Any further information on this change? It is official?

### Cuba

COCH on 9395 kcs. "Radio Sheik" is heard evenings with clear signal relaying CMC. Identification signal sounds like an auto horn (R2003-N.Y.).

COBC on 9350 kcs. is known as "Radio Progreso Cubano" and comes in nightly relaying CMBC. Identification seem to come 25 minutes past the hour and at 5 minutes to the hour. (R2003-N.Y.).

COCQ, as per R7-Pa., is not heard well until after WGEQ (9530 kcs.) is off the air. COCQ is 9532 kcs. and midnight is sign off time for WGEQ.

COCH on a special English program announced their frequency as 9428 kcs. They are listed as 9395 kcs. Evidently the yhave changed (R2006-Tex.).

### Dominican Republic

HI9A on approximately 6280 kcs. definitely identified by R101 (Ill.) at 9:30 p.m. Location of station is not known nor is exact frequency. What say Radexers for more info on this one?

### Haiti

HH26 on 5940 kcs. is heard with English program in the evening from 10-11 p.m.

HH3W reported by Sgt. Brummond (Tex.) as operating from 7-10:15 p.m. and signing in French with the announcement that they are affiliated with the Columbia Broadcasting System. HH3W is only one of a huge network or shortwave and standard broadcast stations which are now CBS affiliates.

HHBM on 9660 kcs. heard carrying a program in French daily from 7:30-8 a.m. (R-2006-Tex.).

### Honduras

HRN on 5875 kcs. is heard every night from 6-11 p.m. R1843 (La.) informs that they sign off in English announcing as "The Voice of Honduras" in Tegucigalpa, Honduras.

### Iceland

TFJ on 12240 kcs. in Reykjavik was heard by R2228 (Mass.) with an NBC reporter from 7:15-7:30 p.m. Signals were very good. Stations' verification card gives schedule as Sunday evenings. Power is 7000 watts, and address: Rikisvarpid, Box 837, Reykjavik, Iceland. (R1843-La.).

### Jamaica

ZQI on 4700 kcs. is heard nightly from 5:15-5:30 p.m. with strong signal by R1978 (Ohio).

### Martinique

"Radio Martinique" on 9703 kcs. has news in FRENCH at 7:15 p.m. (R7-Pa.1) . . . "Radio Seri" is announcement by which this station is identified on the hour claims Sgt. Brummond (Tex.).

### Mexico

XEQQ on 9680 kcs. logged at 6:30 p.m. on a Sunday by R7-Pa.1 with a very weak audio signal. This makes it hard to copy announcements.

"XEXA", says R1470 (Okla.) "verified with just a scrap of paper, and I don't mean a letter. The message is typewritten. It came in an envelope. XEXA's slogan and QRA is "Radio Gobiernacion." . . . XEXA signs off at midnight with the "Indian Love Call" (R101-Ill.).

XEKW on 6030 kcs. signs off at 11 p.m. in English. They ask for reports. (R2006-Tex.).

### Newfoundland

VONH on 5970 kcs. is heard daily until 9 p.m.

### Nicaragua

YNOW on 6850 kcs. in Managua, "La Voz del America Central" was heard recently until 1:00 a.m. The station picks up programs by remote control from the Cafe Buenos Aires, where station announcements are made after nearly every selection. Spanish is the only language used. (R2006-Tex.).

## Panama

HP5K on 6005 kcs., has been heard at 8:30 p.m. with an English program and popular American music. News in English is usually at 8:25 p.m. (R2003-N.Y.).

HP5J on 9610 kcs. heard at 5:45 p.m. on a Sunday with Latin American music. R7-Pa.1 reports. They were off when he tuned back at 6:05 and evidently got off at 6 p.m.

## U. S. A.

WRUW-WRUL is being heard on approximately 9700 kcs. at 3:30 p.m. by R2003 (N.Y.).

WGEO on 9530 kcs. is on at 3 p.m. and off at midnight daily.

WRCA on 9670 kcs. is off the air at 1 p.m. daily. . . . KGEI comes on the air a few minutes after WRCA signs off.

WNBI on 15150 kcs. and 11890 kcs. in parallel in the afternoon at 4:45 p.m.

WRUL on 11790 kcs. heard at 1:15 p.m. with a program for France. "France Forever" is musical selection heard. WRUL heard on 11730 kcs. at 6:15 p.m. with NEWS.

WBOS on 15210 kcs. heard at 11 a.m. with French speaker. Announcement in French was at 11:15 a.m. (All the above by R7-Pa.1).

KNBC, reports R2006 (Tex.), answering his own question, is a relay station for National Broadcasting Co. It operates experimentally and irregularly from 11 a.m. to 3 p.m. on 12862.5 kcs., from 3-8 p.m. on 8655 kcs., from 8 p.m. to 1 a.m. on 6425 kcs., and from 1-3 a.m. on 4797.5 kcs. All programs are network programs and announcements are the same throughout the schedule except that frequency is changed.

WCBX verifies with a plain neat post card saying that they use 6120, 6170, 9650, 11830, 15270, 17830, and 21570 kcs. Address reports to CBS, Inc., 485 Madison Ave., New York City. (R1843-La.).

KGEI on 9670 kcs. has English NEWS at 9:30 a.m. and at 10 a.m. they give their program schedule for the day. A new program every morning at ten is "Victory Roundup" by William Winters. (R7-Pa.1).

WCRC on 11830 kcs. reported by R2006 as inaugurated from 5-6 p.m. on January 1st. WCRC, you know, is one of the new 50 kw. transmitters of the CBS shortwave stations.

WGEA, WGEO and KGEI the G.E. stations at Schenectady and Belmont have been granted the use of two new frequencies on which they are to share time. The frequencies: 7000 and 11730 kcs.

KGEI the G.E. station in Belmont, California has been granted permission to use 15130 kcs. and 15210 kcs. sharing with stations WRUL, WRUS, and WRUW.

KWID is the call assigned to new San Francisco shortwave station.

WRUS the co-station of the popular WRUL-W stations in Boston may be now heard irregularly during tests. Station is assigned 17775 kcs., 15350 kcs., 15130 kcs., 11790 kcs., 11730 kcs., and 6040 kcs.

W1XWH call granted to Westinghouse in Hull, Mass. for its 700 watt experimental transmitter on 9570 kcs. The station can be used only when WBOS and KWID are off the air.

Page fourteen—SW

## OCEANIA



NATIONAL BROADCASTING SERVICE

### 3LR

SHORT-WAVE NATIONAL STATION SITUATED AT  
LYNDHURST VICTORIA  
AUSTRALIA

Frequency 9780 kcs. Power 600 watts aerial. Modulation capability, 100 per cent. Station equipped with unidirectional and omnidirectional aerial systems.  
Radiating the programmes of the Australian Broadcasting Commission

## Australia

VLQ on announced frequency of 9615 kcs. heard at 12:55 a.m. playing Marches by American composers. They announced at 1 a.m. and then gave news in English.

VLG-3 on 11710 kcs. is heard in parallel on this program.

VLW1 in Perth, W.A. on 9650 kcs. is heard with excellent signal from 8:15-8:45 a.m. at which time they begin to fade. This program is directed to the Netherlands East Indies and Southeast Asia. Station has a French transmission closing at 9:25 a.m., with NEWS in English at 9:30 a.m. . . . Sign off is at 9:50 a.m.

VLG-7 on 15160 kcs. is a new station heard on a special test from 7:30-7:15 p.m. with weak signals by R2226 (Mass.).

VLG-2 on 9540 kcs. is heard in parallel with VLW-2 on program described above from 8:15-9:50 a.m. VLW2 is best, however.

## Fiji Islands

VPD-2 on 11895 kcs. was heard on a special test from 10:30-11:30 p.m. by R2228 (Mass.).

## Hawaii

KKQ was heard testing on a new frequency of 11960 kcs. one evening after 8 p.m. by R2228-Mass.

## New Caledonia

FK8AA on 6135 kcs. in Noumea was heard by R7-Pa.1 on a Sunday morning from 1:15 until 1:30 a.m. when they signed off. Sign off was plainly given in English as "This is Radio Noumea." Noumea is pronounced NOO MAYA. French was used extensively throughout the program.

## SO. AMERICA

### Argentina

LRX and LRU can be addressed at Maipu 555 Buenos Aires, Argentina. (PY2GC via R101-III.).

## Brazil

PRF3 on 11765 kcs. is a new station whose slogan is "Radio Difusora Paulista." Address is: Rua 15 de Novembro 150, 10 andar, Sao Paulo, E.S.P., Brazil. This station is carrying the Hora do Brazil program nightly from 6-7 p.m. which is also heard over PSH on 10220 kcs., PRE9 on 6105 kcs., PRA8 on 6010 kcs., PRC5 on 4865 kcs., and a station in parallel with PRF3 on 6095 kcs. Source of info PY2GC via R101-III.

PSH verifies with an attractive card with the map of Brazil pictured in the center. A large and interesting booklet on Brazil is also sent. Station is on from 8-8:30 p.m. in English on Mon., and Sat. (R2421-Ky.).

PPH, a NEW station, was heard on a special broadcast to the U.S. on 11960 kcs. one evening at 7 p.m. Signals are very good. (R2228-Mass.).

## Chile

CB1180 verified with a card showing a view of the Nacional Agriculture Building (R2245-N.Y.).

## Colombia

HJCT is on 9655 kcs., now, having made the change from 9630 kcs. in order to avoid interference from 2RO-3, so says R2003-(N.Y.).

## Colombia

HJED on 4825 kcs. uses the slogan "La Voz del Valle" (The Voice of the Valley). as per R101-III.

HJAF on 4875 kcs. in Cartagena is a new station reported by R101 (III.). The station relays broadcast station HJAH and uses a chime similar to NBC's. They sign off at 10:35 p.m. with "Aloah Oe."

HJCD is in Bogota and "Nueva Granada" is the slogan used by the station—R101.

## Ecuador

HJCB has a regular morning program on 12455 kcs. called "Morning in The Mountains." Program is on at 8 a.m. daily except Monday, according to Long (Ga.)

HCJR on 9380 kcs. announces as Guyaquil and not Quito as listed in RADEX. A three pip signal identifies this station at station break. (R2003-N.Y.).

HCJB on 12460 kcs. recently celebrated their 10th anniversary. They wish all persons interested in monitoring their station to get in touch with Mr. Moore, their chief engineer. (R2006-III.).

## Paraguay

ZPA-2 on 11720 kcs. in Ascuncion known as "Radio Difusora de Telefonique del Paraguay" operates from 4:30-7:45 p.m. Signals are fair, but the Jap station on 11725 kcs. sometimes makes a mess of their signal. (R2228-Mass.).

## Salvador

HUB on 5556 kcs. signs off nightly at 10:55 p.m., according to R1978 (Ohio).

## Venezuela

YSR on 6270 kcs. "La Voz del Salvador" must be affiliated with WLVW as they often mention the fact in their announcements. This from R2006 (Tex.) YSR signs nightly at 11 p.m. with "The Volga Boatman."

YV's in the 3000 kcs. band sign off at 10:30 p.m. (most of them) according to R1843, who wants to know why there isnt more interest from 3000 to 8000 kcs. bands? There is really plenty of DX on these bands. (Reason probably lies in the fact that few Latins use English and that DXers have too much trouble identifying them. We suggest our hobbyists learn a little more about the language spoken by these good-neighbor countries. Start with the alphabet in January RADEX, and if you want more you can pick up Spanish language books in most any second hand book-store. Even the Five and Ten Cent Stores have easy lessons for students of Spanish. These aren't particularly recommended, but will help some. Familiarize yourself with the announcements and types of products advertised in different Latin countries—RL.

YV5RH reported by R101 as a new one on 3500 kcs. (frequency in doubt) . . . Station is in Caracas and announces as "La Voz de Patria" . . . YV5RM signs off at 10:05 p.m. . . . YV5RS goes off the air at 10:30 p.m.

YV4RK "Radio Maracay" on 3390 kcs. in Maracay is a new station reported heard evenings by Legge (N.Y.).

## LATE FLASHES—SW

CBFY can be heard announcing and using a program in English every week-day at 10:45-11 a.m. . . . SBU using a new frequency of 11750 kcs. from 8-9 p.m. daily with news in English a feature of program. . . . WRUS being heard on 6040 kcs. in parallel with WRUW on 9700 kcs. and WRUL on 11730 kcs. in the afternoon. . . . NEW—"Radio Antigua" on 7080 kcs. at St. John is heard from 5-5:15 p.m. with news in French. . . . NEW—TIJMT, "LA Voz de America Latina" in San Jose, C. R., heard from 3:30-8 p.m. on 11900 kcs.

NEW—PZ? in Paramaribo, Dutch Guiana heard Tuesdays until 8:40 p.m. on 5942 kcs. . . . NEW—ZPA-2 on 11721 kcs. heard from 5:7:40 p.m. occupying the channel formerly used by now deleted ZP14. News transmissions on this station seem to be pro-Axis. . . . WCDA also to be used as a call by the CBS International shortwave stations. . . . XGCV now reported using 9635 kcs. on transmissions to North America. . . . KGEI, WGEA, WGE0 granted additional frequencies of 7000 kcs. and 11730 kcs. . . . KGEI is already using the new frequency of 7000 kcs. frequency in parallel with frequencies on the 6, 10, 11, 13, 15, and 18 megacycle bands. They are on from 11:15 p.m. to 11 a.m. and ask for reports. Studios are in Paramount Hotel.

RADEX, we are informed, is used as an important subsidiary source of shortwave reception information by the Foreign Broadcast Monitoring Service of the FCC!

FLASH—New Radio Nacional de Espana station being heard with R9 signals in late afternoon on 7205 or 7210 kcs!

# Shortwaves In The West

BY LARRY YARNES

This column is compiled principally from the reports of Western shortwave listeners. Other sources are station verifications, broadcast schedules, etc. Stations reported by only one listener will be indicated by the listener's Radex club number or by his last name if he is a non-member. Stations reported by more than one listener will not be credited.

A complete list of the reporters and their addresses may be found at the end of the column. Contributions to this column should be sent direct to Larry Yarnes, Box 103, Wasco, California. All time is Pacific Standard.

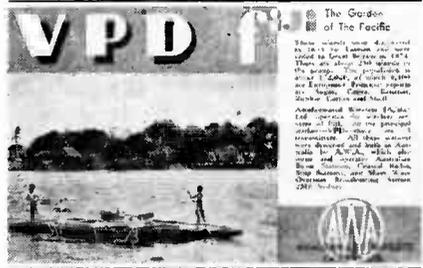
## TP's in West

As you have probably noticed by this time, the West Coast Section has been divided into shortwave and broadcast divisions with a separate editor for each division. Each of the new editors will probably have his hands full carrying on half the work that was done so well by Mel Fisher. But with the support of listeners, I am confident that we can continue to build up the Western section.

War in the Pacific means increased interest in shortwave broadcasts from the Pacific area. Since for TP DX we in the West are more strategically located than listeners in other parts of the country, we ought, theoretically, to come through with better results. So here's a chance, fellows, to do some dialing that our brethren in the East will note with envy.

Earn an I.R.C.

Each month, as an incentive to more and better DX and to bigger and more frequent reports to this column, your editor is going to donate a couple of International Reply Coupons to the person who submits the largest number of usable items, and a couple more coupons to the person submitting the most outstanding item. These prizes won't exactly put any-



Verification card from VPD in Suva, Fiji Islands.

one on "easy street," but they will come in handy the next time you write for a veri from a foreign broadcaster.

## AFRICA

**Algeria** TPZ, Algiers is reported operating on 12120 kcs. from 10:30 A.M.—3 P.M. (R2571).

**Cameroons** A printed schedule of Free French radio transmissions received by George Hiss gives the following schedule for Yaounde (10710 kcs.): 2:45 A.M. and 12:30 P.M.

**Free French Africa** According to information received by George Hiss the transmission schedule of "Radio Brazzaville" (11970 kcs.) is as follows: 10-10:15 P.M.; 5:30-6:15 A.M.; 11:45 A.M.-1:15 P.M.; 7-8 P.M. The Brazzaville "Radio-Club" operating on 8500, 12000, 12500(?), and 9950(?) kcs. transmits at the following hours: 10-10:15 P.M.; 11-11:15 P.M.; 12 midnight-12:15 A.M.; 2:30-3:15 A.M.; 5:30-5:50 A.M.; 10-11 A.M.; and 12:30-2 P.M.

**Gold Coast** ZOY (6005 kcs.) in Accra transmits at 3 A.M. and 10:15 P.M., according to information received by George Hiss.

*Morocco* "Radio Maroc", Rabat, uses two transmitters, one on 8030 and the other on 11940 kcs. with a power of 15,000 and 25,000 watts respectively. The 8030 kcs. transmitter is the only one heard at the present time. It operates as follows: 11:15-11:45 P.M.; 4:5 A.M.; 6-7 A.M.; 9:30 A.M.-1:30 P.M.; 3:30-4 P.M. On Mondays, Wednesdays, and Saturdays English is used from 10-10:30 A.M. (R2571).

*Union of South Africa* ZRL, Capetown, is heard with a weak signal on 9615 kcs. beginning at 8:45 P.M. (R1919).

## ASIA

*Burma* XYZ, Rangoon, is reported to come on the air at 4 A.M. with a woman announcing in English. The frequency is 6008 kcs.

*China* FFZ, Shanghai, (12040 kcs.) is heard with a French program from 2:45-7 A.M. (R1919).

XGDN, "The Voice of Democracy," Shanghai, transmits news in English at 6:30 A.M. and signs off at 7 A.M. Frequency is 11930 kcs. XGOY, "The Voice of China," located at Chungking, uses the following frequencies: 9635, 11900, 11800, and 15200. On 1190 kcs. XGOY transmits to the U. S. from 6-7:30 A.M. XGRS (12030 kcs.) is reported with programs in English for the United States and begins to come in around 8 P.M. and signs off at 10:30 P.M. with a march by Sousa. This station is also heard in the morning till 7 A.M. (R1919).

ZBW3, Hongkong, (9525 kcs.) was heard with fair volume from about 7-7:30 A.M. *French Indo-China* "Radio Saigon" (11780 kcs.) is heard very well during their English program from 7:30-8 A.M. The sign-off is four notes of a gong. *Japan* JLG, Tokyo, has been heard at 2:30 A.M. on 7285 kcs. (R673). JLG2, Tokyo, was heard at 10:15 A.M. December 20 on 9505 kcs. (R1871). JLR, Tokyo, heard R9 on 6015 kcs. at 10:30 P.M. (R673). JWV3, Tokyo, (11725 kcs.) broadcasts in parallel with JVZ2 (11825) until sign-off at 10:30 P.M. (R1919). JVZ, Tokyo, (11815 kcs.) was heard

signing off at 6:30 A.M. (R1919). JZI, on 9535 kcs., and JZJ on 11800, operate in parallel from 7:30-10 P.M. Signals are good.

*Manchukuo* MTCY, Hsingking, broadcasts in English from 9:30-10:30 P.M., when they sign off. Two frequencies (9545 and 11775) are used.

*Malaya* ZPH2, Singapore, (9690 kcs.) verified for Gerald Stoneman in two months. (R2292)

## EUROPE

*Europe (exact location unknown)* Two new European freedom stations are reported. One is "Europe Revolutionary" on 9650 kcs. (on the air at 9 P.M.) and the other is "Radio Unconnu" on 9750 kcs., which was heard with an all-French broadcast at 11:30 A.M. (R2571).

*Czechoslovakia* DHE4C, Prague, was heard until 8 P.M. on 11880 kcs. carrying a North-American program.

*France* "Voice of France," Vichy, (11845 kcs.) was heard R8 beginning at 9 A.M. with ticking of a clock or metronome. Every five minutes an interval gong strikes. (R1849). "Radio Antoine" on 9750 kcs. has been heard with fair signal at 10-10:15 P.M. (R1919).

*Germany* "The New British Broadcasting Station" is operated on 11990, 1750, and 7305 kcs., supposedly by discontented British subjects, but actually by the German ministry of propaganda in Germany or France. Schedule: 11:30 A.M.-12 noon; 12:30-1 P.M.; 1:30-2 P.M.; Sundays, 8:30-9 A.M.; 11:30 A.M.-noon 12:30-1 P.M. (R2571).

*Great Britain* GRS (7065 kcs.) was heard at 12:15 A.M. (R673).

*Finland* OFD, Helsinki, (9500 kcs.) has been heard with a weak signal after 10 P.M., after XEWW has signed off. (R1919).

*Holland* PCJ2, Amsterdam, has been heard on 15220 kcs. (R1919).

*Portugal* CSW6, Lisbon, (11040 kcs.) was heard with weak signals December 28 at 12:15 P.M. with an all-Portuguese program. (RY). CSW7 on 9735 kcs. is

now heard from 4-6 P.M. and is ordinarily very weak. (R1919).

Russia "Radio Moscow" (15230 kcs.) carries an English transmission from 5-4:55 P.M.

Switzerland HER4, Berne, has been heard Wednesdays on 9535 kcs. till 6:15 P.M. Signals are weak.

## OCEANIA

Australia VLG, Melbourne, (9580 kcs.) is probably the best heard of the Aussies. It is heard very well in a North American program from 7:25-8:10 A.M. VLG2, Melbourne, (9540 kcs.) has been heard from 3:20-4:05 A.M. VLQ, Sydney, (9615 kcs.) works in parallel with VLG3 on 11710 kcs. at 10 P.M. VLG6, Sydney, (15230) has been heard from 11:30 P.M.-1 A.M. with an R8 signal. (R673). A new Australian was heard on approximately 17800 kcs. on Christmas Day. They signed off at 8:56 A.M. without giving a call.

Fiji VPD2, Suva, (15160 kcs.) was heard between 9-9:30 P.M. The announcer is a woman, who says "Radio Suva." (R1871).

The Philippines KZRH, Manila (9635 kcs.) was heard before the war with very strong signals until sign-off at 8 A.M. Peak signals came usually at about 7 A.M. KZRF, Manila (6140 kcs.) used to be heard until sign-off at 6:30 A.M. KZIB, Manila, (9492 kcs.) was heard with a good signal until XEWW came on. KZRM, Manila, (9570 kcs.) was occasionally heard until sign-off at 7 A.M.

### Western Hemisphere Briefs

Ecuador HCJB, Quito, (12460 kcs.) was heard recently asking that listeners with communications receivers volunteer to act as monitors of their signals. The announcer said only one volunteer from each state in the U. S. could be accepted. Jamaica ZQI, Kingston, operates on 4700 kcs. with 200 watts from 2:15-3:15 P.M. week days.

Newfoundland VONH, St. Johns, has been heard regularly on 5970 kcs. at 3:45 P.M.

Page eighteen—SW

United States KNBC, Hollywood, was heard at 2 and 3:30 P.M. relaying NBC programs on 12862 kcs. (R1871). WBE, Press Wireless Station in New York City was heard testing with transcriptions on 19850 kcs. at 12:30 P.M. December 21. (R1871). W5XAU, Oklahoma City, was heard in the afternoon R7 on 26125 kcs. (R673). On the high frequency police bands (31.6 and 33.1 megs.) the following have been reported: KQCX, WARJ. WQIE, WQXO, WRNI, and WRNT. (R1871).

### The Reporters

RY Your West Coast Shortwave Editor, Box 103, Wasco, California  
R673 Victor West, San Rafael, California  
R1849 Allen Hooker, Liberty, Saskatchewan, Canada  
R1871 Eugene Allen, Berkeley, California  
R1919 George J. Hiss, San Bernardino, California  
R2202 Gerald Stoneman, Chilliwack, B. C.  
R2571 Shaler Hanisch, Pasadena, California

## DISSECTING FOREIGN RADIO PROPAGANDA

For the first time in history the United States Government, through special national defense units of the Federal Communications Commission, is officially "listening in" and dissecting foreign short-wave broadcasts.

The Foreign Broadcast Monitoring Service, created by the Federal Communications Commission in cooperation with the Defense Communications Board, is now actively translating, transcribing, analyzing, and reporting on from six hundred thousand to nine hundred thousand words transmitted daily by foreign broadcast stations throughout the entire world as recorded by the commission's National Defense Operations Section.

Working in three shifts of eight hours each, a special force of technicians, translators, analysts, and other experts is keeping abreast of all international broadcasts which emanate outside of this country, 24 hours of the day, 7 days a week. Speeches, newscasts, and entertainment to the inclusion of some musical programs, are carefully watched for intelligence and trends, which are reported immediately to Government officials responsible for counter-propaganda or other action, if necessary.

For obvious reasons, the reports and other findings of the Foreign Broadcast Monitoring Service are confidential. However, public interest in the national defense invites some explanation of the general scope and work of this highly specialized unit.

The importance of listening-in on foreign transmissions is attested in the fact that all propaganda instigated abroad almost invariably follows the example set in short-wave broadcasts, but follows it with a lag. Consequently, it is necessary for our Government to have knowledge of the short wave "mod-

(Dial page 28)

# The Shortwave Stations

from 2000 to 22000 kcs.

Abbreviations used in our shortwave list: Prop. for propaganda, Sta. for station, Mid. for midnight, ex. for except, days of the week are abbreviated by using the first two letters as Su. for Sunday, etc. Whenever known, exact, schedules are given, otherwise brief notes are included which are intended to help the listener identify the station.

Points are awarded for official corrections to this list sent in by readers. The scores are added in with your scores for reporting the SHORTWAVES IN REVIEW and totaled in the "Report-O-Meter" found in another section of RADEX.

## 2000 kcs. band

2320 TGWC Guatemala City, Guat. 8-9 am., 12:45-3:45 pm., 6:45-12:15 am.

## 3000 kcs. band

- 3040 YDA Batavia, N.E.I., 4:30-10:30 a.m., 6-7:30 p.m.  
3300 YVIRJ Coro, Venezuela, "Radio Falcon," Not operating at present.  
3395 YUC-2 Calcutta, India, 10:30 a.m. to noon  
3310 YV4RX Maracay, Venezuela, "Radio Marconi," Not operating at present.  
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"  
3390 YV4RK "Radio Maracay" Maracay, Venez. evenings  
3400 YV5KW Caracas, Venezuela, "Radio Tropical"  
341c YV3RX Barquisimeto, Ven., "Radio America"  
3420 YV2RC Merida, Venezuela, "La Voz de la Sierra"  
343c VUM-2 Madras, India, 8:30 a.m. to noon  
3440 YV1RU Maracaibo, Venezuela, "Radio Maracaibo"  
3450 YV6RC Barcelona, Venezuela, "Ondas del Neveri"  
346c YV4RP Valencia, Venezuela, "Radio Valencia"  
3480 YV4RQ Puerto Cabello, Ven., "Radio Puerto Cabello"  
3480 XZZ Rangoon Burma, 9:00 a.m.  
3490 YV3RF Acarigua, Venezuela, "La Voz del Llano"  
3490 CR7AB Lourenzo, Marques, Mozambique.  
3490 VUD-2 Delhi, India, 8:45 a.m. to 12:15 p.m.  
3500 YV5RX Caracas, Venezuela "La Voz de la Patria" until 10:33 p.m.  
3500 YV5RV La Guaira, Venezuela, "Emisora Vargas"  
3920 ..... Bridgeton, Barbados, 5:15-6 p.m.

## 4000 kcs. band

- 4002 CT2AJ\* Ponta Delgada, Azores, 5-7 p.m.  
4273 RV15 Khabarovsk\*, U.S.S.R., 4:30-6 p.m., 6:30-7:30 a.m.  
4470 YDE Tamerang, N. E. I. (new)  
4700 ZOI Kingston, Jamaica, 5:30-6:30 p.m.  
4755 HJEB Buenaventura, Columbia not operating at present  
4750 YV1RV Maracaibo, Venezuela, "Ecos del Zulia"  
4760 YV4RO Valencia, Venezuela, "La Voz del Carobobo"  
4770 YV1RY Coro, Venezuela, "Radio Coro"  
4775 HJGB Bucaramanga, Colombia "Radio Santander"  
4785 HJAB Banranquilla, Columbia, 5:30-16:30 a.m., 6-11 p.m.  
4790 YV6RU Ciudad Bolivar, Vene., "Ecos del Orinoco"  
4795 HJDX Medellin, Colombia, "La Voz de Cuenta"  
4797.5 KNBC Hollywood, Calif., 1-3 a.m.  
4800 YV1RX Maracaibo, Venezuela, "Ondas del Lago"  
4805 HJED Medellin, Colombia, Irreg. evenings  
4810 YV1RL Maracaibo, Venezuela, "Radio Popular"  
4815 HJBP Cucuta, Colombia, "La Voz de Cucuta"  
4820 YVO Maracaibo, Venezuela, Government station not yet in operating  
4820 YV3RN Barquisimeto, Vene., "Radio Barquisimeto"  
4825 HJED Cali, Columbia, 7 a.m. to 1 p.m., 7:10-10:39 p.m., "La V. del Valle"  
4830 YV2RN San Cristobal, Vene., "La Voz del Tachira"  
4840 YUC-2 Calcutta, India, 6:30-10:15 a.m.  
4840 YV1RZ Valera, Venezuela, "Radio Valera"  
4845 HJCD Bogota, Colombia, 6-11 p.m.  
4855 HCJA Bogota, Colombia, till 11 p.m.  
4860 YV5RU Caracas, Venezuela, "Ondas Populares"  
4865 PRC-5 Belem, Brazil, until 8 p.m.  
4875 HJAF Cartagena, Col., until 10:35 p.m.  
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 a.m. to 2 p.m., 6-11 p.m.

- 4890 YV5RM Caracas, Venezuela, "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 HJAG Barranquilla, Colombia, evenings  
 4920 VUM-2 Madras, India, 5:30-8:15 a.m.  
 YV5RN Caracas, Venezuela, "Radio Caracas," 5-10 p.m. (Box 2009)  
 4930 HJAP Cartagena, Colombia  
 4945 HJCW Barranquilla, Colombia, 7:30-10 p.m.  
 4950 . . . . Caracas, Venezuela, "Radiodifusora Nacional," not yet in operation  
 4960 VUD2 Delhi, India, 6:30-8:30 a.m.  
 YDF Soerabaia, Java, 10:30 p.m.-2 a.m.  
 4965 HJAE, Cartagena, Colombia, 7-10:30 p.m.

### 5000 kcs. band

- 5045 PMY Bandoeng, Java, 5:30 a.m. to noon  
 5556 HUB San Salvador, Salvador, 5:30-11 p.m.  
 5725 HC1PM Quito, Ecuador, 2-10 p.m.  
 5750 YNIAT Leon, Nicaragua, evenings  
 5875 HRN Tegucigalpa, Honduras, 6-11 p.m., "La V. de Honduras"  
 5900 ZNB Malacca, British Borneo, 11:45 p.m.-1 a.m., 3-4 p.m.  
 5905 TIX San Jose, Costa Rica, 7 p.m.-mid.  
 5936 PJC1 Willemstad, Curacao, 6:36-8:36 p.m., Sun., 10:30-12:36 p.m.  
 5940 HH2S Port-au-Prince, Haiti, 9-10:4 p.m.  
 OAX2A Trujillo, Peru, Tu., Th., Sa., Su., 7-10 p.m.  
 5950 XGOY Chungking, China  
 5970 VONH St. Johns, Nfld., 5-9:35 p.m.  
 HCQRX Quito, Ecuador, "Radio Quito"  
 5975 OAX4P Huancayo, Peru, till midnight  
 5985 XGOA Chungking, China, 2-4 p.m.  
 5995 T17RVM Guancasta, Costa, Rica, 9:30-10 p.m.\* "La V. del Guanacaste"

### 6000 kcs. band

- 6005 CXA2 Montevideo, Uruguay, 11a.m.-4 p.m., 4:30-9:30 p.m.  
 6005 HP5K Colon, Panama, 7-9 a.m., 11:30 a.m.-1 p.m., 6-11 p.m., Su. 10:30 a.m.-2 p.m., 5-11 p.m.  
 XFBT Mexico City, D.F., 10 a.m.-1:45 a.m.  
 ZOY Accra, Gold Coast, rarely heard here  
 CFCX Montreal, P. O., 7:45 a.m.-1 a.m., Su. 9 a.m.-11:15 p.m.  
 6007 NYZ 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 CJCX Sydney, Nova Scotia, 7 a.m.-1:30 p.m., 4 p.m.-mid.  
 PRA8 Recife, Brazil, 4-9 p.m.  
 OQ2AA Leopoldville, Bel. Con., 5:55-7:45 a.m., 1:55-2:45 p.m.  
 6015 JLR Tokyo, Japan, "Japanese propoganda sta."  
 6017 H13U Santiago, Dominican Rep., 7:10-8:05 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, daily to many continents  
 XEUW Vera Cruz, Mexico, 7 a.m. to 1 a.m.  
 6025 H1IJ San Pedro, Domin. Rep., 11:40 a.m., 1:40 p.m., 6-8:30 p.m.  
 6030 CFVP Calgary, Alberta, 10 a.m.-2 p.m.  
 RV96 Moscow, U.S.S.R., not in use.  
 CR7AA Lourenzo Marques, Mozambique, 4:50-7:30 p.m., 8-11 p.m.  
 DXP Berlin, Germany, 11:05 p.m.-1 a.m.  
 XEKW Mexico City, Mexico, until midnight  
 MTCY Hsingking, Manchukuo, "Japanese propoganda station"  
 6033 HP5B Panama City, Panama, 10:30 a.m.-2 p.m., 6-10 p.m.  
 6040 WRUL Boston, Mass., 5-6:45 p.m., Sun. 1-4:45 p.m.  
 WRUS Boston, Mass. (new)  
 6045 XETW Tampico, Mexico, 7 p.m.-1 a.m.  
 6050 GSA London, Gt. Britain, 10:55 p.m.-5 a.m., 5:40-10:40 a.m., 11-5:45 p.m., 6:19-7:15 p.m.  
 HP5F Colon, Panama, 7-9 p.m.  
 OAX6A Arequipa, Peru, 9:45-10:30 p.m., "Radio Arequipa"  
 6055 HJFA Pereira, Colombia, 9 a.m.-noon, 6:30-10 p.m.  
 6060 WCAB Philadelphia, Pa., 6:15 p.m.-1 a.m.  
 KWID San Francisco, Calif. (new)  
 KZIB Manila, P. I.  
 WCBX New York, N. Y., not in use yet  
 WCRC New York, N. Y. New Station  
 YDD Bandoeng, Java, at 5:30 a.m.  
 6065 SBO Stockholm, Sweden, 4:20-4:35 p.m.  
 6070 CFRX Toronto Ont., 7 a.m.-12:30 a.m., Su. 10 a.m.-11 p.m.  
 TIWS Puntarenas, Costa Rica, 5-11 p.m., "Ecos del Pacifico"  
 6075 GRR London, Gt. Britain, 11:45 p.m.-mid., 12:30-12:45 p.m.  
 6080 CKFX Vancouver, B. C., 6-9 p.m.  
 CRY9 Macao (nr. China coast), Mo. at 7 a.m.  
 ZFY Georgetown, Br. Guiana, 6-6:30 a.m., 3:40-7:57 p.m.  
 6082 OAX4Z Lima, Peru, 6 p.m. to midnight, "Radio Nacional"

- 6085 VUD3 Delhi, India, 11:15-11:45 a.m.  
XEBF Jalapa, Mexico, 8:9:30 p.m.
- 6090 ZNS2 Nassau, Bahamas, 8-8:15 a.m., 1-1:15 p.m., 6-9 p.m.
- 6090 CBFV Montreal, P. Q., 7 a.m.-11 p.m.
- 6094 ZHJ Penang, St. Settlement, 5:10-9:10 a.m.
- 6095 JZH Tokyo, Japan, 4:30 a.m., "Japan propoganda sta." not in use
- PRF3 Sao Paulo, Brazil, 4:30-9 p.m.
- 6097 ZRJ Johannesburg, U. of So. Africa, 3-7 a.m.  
ZRK Capetown, So. Africa, 11:45 p.m.-1 a.m.  
HJFK Pereira, Colombia, 6-10:30 p.m.
- 6100 KZRC Cebu City, Philippines, 7-8 a.m.  
WNBI ew York, N. Y. (not in use)
- 6101 XOJD Hankow, China
- 6105 PRE9 Nortaleza, Brazil, 4-9 p.m.—(Caixal Postal 143)
- 6100 CP2 La Paz, Bolivia, 8-10 a.m., 6 p.m.-mid., "Radio Nacional"
- 6110 GSL London, Gt. Britain, 9:30-11:35 p.m.
- XEGW Mexico City, Mexico, 11 p.m.-1 a.m.
- 6112 H16H 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.
- 6115 NEW1 Mexico City, Mexico, Mo., Fri., 3-4 p.m., 9p.m.-mid., Sa. 9 p.m.-mid. Su. 12:30-2 p.m.
- 6117 XEUZ Mexico City, Mexico, 9 a.m.- p.m., 7 p.m.-2 a.m.
- 6120 WCBX New York, N. Y., not in use.  
WCRC New York, N. Y. (not in operation)
- 6122 HP5H Panama City, Panama, 6-10:30 p.m.
- 6125 MTCY Hsinking, aMnchukuo, 7:30-9:30 a.m. "Japanese propoganda station"  
CXA-4 Montevideo, Uruguay, 6-11 p.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.  
HS41J Bangkok, Thailand, 8-10 a.m. not in use.  
VLW Perth, Australia not in use.
- 6135 FK8AA Noumea, New Caledonia, 1-1:45 a.m., "Radio Noumea"
- 6140 OQ2AA Leopoldville, Belgian Congo, Sl. 5:30-7 a.m.  
KZRF Manila, Philippines, 5 p.m.-10:30 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.  
TRH San Jose, Costa Rica, 8-11:30 p.m., "Radio El Mundo"  
D?? Berlin, Germany, late afternoons
- 6155 EQB Teheran, Iran
- 6156 CS2WD Lisbon, Portugal, 3-6 p.m.
- 6150 HJCD Bogota, Colombia, until 11:30 p.m., "Nueva Granada"  
KZRC Cebu, Philippines, 5-7 p.m., 11 p.m.-12:30 a.m., 4-10 a.m.  
CBRX Vancouver, B. C., 9 a.m.-3 a.m.
- 6165 H1ER-3 Schwarzenberg, Switz., 11:35-1:40 a.m., 4-4:30 p.m.  
TILS San Jose, Costa Rica, "Para Ti"
- 6170 WCBX New York, N. Y., not in use  
WCRC New York, N. Y.—new  
ZHP-2 Singapore, St. Settlements, 6:30-9:30 a.m.
- 6174 HI9T Puerto Plata Dom. Rep., 10:40 a.m., 2:10 p.m., 4:10-10:40 p.m.
- 6180 LRA-2 Buenos Aires, Argentina, not in use.  
GRO London, Great Britain, mornings  
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., "Accion Catolica"  
. . . . Saigon, Fr. Indo China, "Radio Saigon" 6-7:30 a.m.
- 6190 H11A Santiago, Domin. Rep., 10:40 a.m.-1:10 p.m., 6:40-9:40 p.m.  
HVJ Vatican City, Su. 8:30-9 a.m., Su. We., 9-10:30 p.m.  
JLT Tokyo, Japan, "Japanese propoganda sta."  
WGEA Schenectady, N. Y., 8:30-9:30 p.m.
- 6193 TG2 Guatemala City, Guat., 7:30-10 a.m., 6-11:30 p.m.
- 6200 GRN, London Great Britain, afternoons and evenings
- 6200 CP5 La Paz Bolivia, 6:30-11 p.m., "Radio Illimani"
- 6205 OAX3A Huanuco, Peru, after 11 p.m., "Radio Huanuco"
- 6233 HRD La Ceiba, Honduras, 8-11 p.m., Sa. 8 p.m.-1 a.m., Su. 4-6 p.m.
- 6240 HJCF Bogota, Colombia, 7 p.m. to Mid.
- 6245 H11N Trujillo, Domin. Rep., 5:10-10:10 p.m. Arsobiapo Marino 79)
- 6255 CP12 La Paz, Bolivia, 7-9 p.m.
- 6270 YSR San Salvador, Salvador, evenings.
- 6280 (?) H19A . . . . Dominican Rep., at 9:30 p.m. (unconfirmed)
- 6310 H11Z Trujillo, Domin. Rep., 11:40 a.m.-12:40 p.m., 5:10-7:40 p.m., ex. Su.
- 6340 H11G Trujillo, Domin. Rep., 6:40-10:40 p.m.
- 6340 OAX4G, Lima, Peru, 6 p.m.-mid. "Radio Lima"
- 6350 HRP-1 San Pedro Sula, Honduras, 7:30-10 p.m.
- 6270 YSR San Salvador, Salvador, to 11 p.m. "La Voz del Salvador"
- 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.
- 6425 KNBC Hollywood, Calif., 8 p.m.-1 a.m.
- 6435 .... Dakar, r. W. Africa, at 8:15 a.m. and 3:15 p.m., Pro-Vichy station  
7:30 a.m.-3 p.m. "Ciudad Militar"
- 6455 COHI Santa Clara, Cuba, 6:42 a.m.-12:15 a.m.
- 6480 TGWB Guatemala City, Guat., 7:45-9 a.m., 12:45-3:45 p.m., and 5:30 p.m.-  
12:15 a.m.
- 6500 HI1L Santiago, Domin. Rep., 5:30-9:30 p.m., ex. Su.
- 6540 YN1GG Managua, Nicaragua, 1-2:30, 8-10 p.m.
- 6575 YSPB San Salvador, El Salvador, 5:40-7:40, 9:40-11:40 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 HBO Geneva, Switzerland, Su. 1:45-2:45 p.m.
- 6700 TIEP San Jose, Costa Rica, 7 p.m.-mid., "La Voz del Tropico"
- 6720 PM1I Bandoeng, Java, 4:30-11 a.m., Su. 8:30 p.m.-1 a.m., 4:30-11 a.m.
- 6730 HI3C La Romana, Domin. Rep., 4:55-8 p.m.
- 6790 PZH Paramaribo, Suriname, Mo. & Th. 6:30-7:30 p.m.
- 6810 HIH San Pedro, Domin. Rep., 7-9:40 p.m., Su. 5:20-6:40 p.m.
- 6870 YNOW Managua, Nicaragua, 8-10 p.m. "La V. del America Central"
- 7000 kcs. band**
- 7000 WGEA Schenectady, N. Y., (New)  
WGEO Schenectady, N. Y. (New)  
KGEI Belmont, Calif. (New)
- 7035 ——— "Radio Mediteranea," Valencia, Spain, 5-6 p.m.
- 7065 GRS London, Gt. Britain, BBC Home Service, heard 1 a.m.
- 7080 YI5KG Bagdad, Iraq, 9 a.m.-2 p.m.
- 7090 .... Tangiers, Africa, "Radio Falange" 3:45-4:30 p.m.
- 7100 FO8AA Papeete, Tahiti, Tu. & Fr. 11 p.m.-mid.
- 7120 CR7RB Nampula, Mozambique, until 3 p.m.
- 7130 .... (?) Spain, 3:45-5 p.m.
- 7140 EAJ22 Oviedo, Spain, 3:50 p.m.
- 7150 GRT London, Gt. Britain, 12:45-1 a.m., 1:15-3 a.m.
- 7170 CR6AA Lobito, Angola, Mo., We. & Sat. 2:45-4:30 p.m.
- 7185 GRK London, Great Britain (New)
- 7210 .... Salisbury, So. Rhodesia  
VUC2 Calcutta, India, 9:30-11 p.m.
- 7220 YDX Medan, Sumatra, 10:30 p.m.-2 a.m.  
I2RO-11 Rome, Italy afternoons, "Facist propoganda sta."
- 7230 GSW London, Gt. Britain, 12:45-1:15 a.m., 3-5 a.m., 6-10:30 a.m., 10:55 a.m.-  
5:45 p.m.
- 7240 VUB2 Bombay, India, 9:30-11:30 p.m.  
DXJ Berlin, Germany, Almost continuous operation. "Nazi propoganda sta."
- 7250 ZHP3 Singapore, St. Settlements, 6:30-9:40 a.m.  
YDA Batavia, Java, 10:30p.m.-2 a.m., Sa. 7 p.m. to 2 a.m.  
VLO9 Melbourne, Australia, 7:20-8:05 a.m.  
GRM London, Great Britain (New)
- 7257 IVW Tokyo, Japan, 2-4 p.m., "Japanese propoganda sta."
- 7260 CSW8 Lisbon, Portugal, Tu., Th., Sa., 5-6 p.m.
- 7270 GSU London, Gt. Britain, 12:15-1:15 p.m.
- 7270 DXM Berlin, Germany, heard 8:30 p.m. Span. "Nazi propoganda sta."
- 7285 YLG, Tokyo, Japan, "Japanese propoganda sta."
- 7290 DJI Berlin, Germany, 5-5:15 a.m., "Nazi propganda sta."  
VUD-2 Delhi, India, 9:30 p.m.-mid.
- 7295 JIE Taiwan, 9-10:30 a.m.
- 7300 ——— Ponta, Delgada Azores, 3-4 p.m.
- 7310 I2R019 Rome, Italy, not in use.  
GRJ London, Great Britain, afternoons
- 7320 GRJ London, Great Britain, afternoons and at midnight.
- 7440 GRB London, Great Britain, 2:45-3:15 p.m., 3:30-3:45 p.m.
- 7450 TI2RS San Jose, Costa Rica, 10:30-11 a.m., Su., 6:30-11:15 p.m.
- 7490 YN2FT Granada, Nicaragua, 8-10 p.m.
- 7520 KKH Kahuku, Hawaii, Sa., Su. 8:30-9 p.m.
- 7620 YNLAT Granda, Nicaragua, 8-10:15 p.m.
- 7660 YNDG Leon, Nicaragua, 8:30-9:30 p.m.
- 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.
- 7900 PSL Rio de Janeiro, Brazil, 6-7:05 p.m. not in use
- 8000 kcs. band**
- 8000 FIA-6 Douala, Fr. Cameroons, "Radio Cameroons," 5:45 a.m.-1:15 p.m.
- 8430 CNR Rabat, Morocco, "Radio Maroc" around 3 p.m.—"Pro Vichy station"
- 8030 FXE Beirut, Lebanon, "Radio Levant" 12-12:30 a.m.

- 8275 COCX Havana, Cuba, 8 a.m.-mid.  
 8480 XPSA Kweivang, China, at 4:00 a.m.\*  
 8500 ... Brazzeville, Fr. W. Africa, "Radio Club" 5:30 a.m. and 1 p.m.  
 8585 YNRS Managua, Nicaragua, until 10:45 p.m.  
 8655 KNBC Hollywood, Calif., 3-8 p.m.  
 8700 COCO Havana, Cuba, 7:50 a.m.-12:5 a.m.  
 8790 KZND Manila, P. I., "Voice of the Commonwealth"  
 8960 TP22 Algiers, Algeria, 1:30-2:30 p.m., 4-6 p.m.—"Pro Vichy station"  
 COKG Santiago, Cuba, 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, 7:30-9 p.m.  
 9190 HC2ET Guayaquil, Ecuador, 8-10 p.m., Su. 8:30-10:30 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., "Radio Internacional"  
 9345 F4R1 Geneva, Switz., We., 7:45-9:15 p.m.  
 9363 COBC Havana, Cuba, 7 a.m.-mid., Su. 7 a.m.-10:30 p.m., "Radio Progreso"  
 9375 ——— Zanzibar, 2:30 and 5 p.m. "Zanzibar Calling"  
 9380 HC1R Guayaquil, Ecuador, Sa. 8-11 p.m. (heard on 9453 kcs.)  
 9395 FGA Dakar, Fr. West Africa, 3:15-4 p.m., "Pro Vichy station"  
 9415 GRI London, Great Britain  
 9423 COCH Havana, Cuba, 6:40 a.m.-mid.  
 9450 GRU London, Gt. Britain, 8:45-11:30 a.m.  
 9465 TAP Ankara, Turkey, 9-10 a.m., also reported 2 p.m.  
 9470 CR6RA Luanda, Angola, Tu. We., Sa., 2:30-4 p.m.  
 9475 VONG St. Johns, Nfld., 9 a.m.-2 p.m.  
 9480 ——— "Gustav Siegfried Eins" Anti Nazi Station  
 9480 CP38 La Paz, Bolivia, 8-10 a.m., 6 p.m.-mid.  
 9492 KZ1B Manila, Philippines, 10 a.m. and 6-11 p.m.  
 9500 OFD Helsinki, Finland, 1:15 p.m.\*  
 XEWW Mexico City, Mexico, 7:45 a.m.-12:45 a.m.  
 XGOY Chungking, China, 3-5:30 a.m.  
 9505 Belgrade, Roumania, 1:45-4:15 p.m.  
 CP-1 Sucre, Bolivia, 7-9 p.m., "Radio Cuquisoca"  
 9510 GSB London, Gt. Britain, 9:45-11:35 p.m., mid.-3:15 a.m.\*  
 9520 "Y" Paris, France, 4:30-11 p.m., "Nazi- Prop. station."  
 ZR11 Capetown So. Africa, 11:45-1:45 a.m.
- 9525 DXY\* Berlin, Germany, daytime\*, "Axis propoganda sta."  
 ZBAV3 Hongkong, China, 5-10 a.m., 11:30 p.m.-1:15 a.m. Su. 5-9:30 a.m.  
 HMV Bratislavia, Solvackia Mon., Wed., Fri., Sat., 6-7 p.m.
- 9530 WGEO Schenectady, N. Y., 3 p.m. to mid.  
 9532 COCO Havana, Cuba, 7:30 a.m.-mid.  
 9535 JZI Tokyo, Japan, 7:30-8:30 p.m., 12:30 a.m., "Japanese propoganda sta."  
 SBU Stockholm, Sweden, 4:20-4:35 p.m.  
 HER4 Berne, Switzerland, evenings to 9:10 p.m.  
 VPI2 Sova, Fiji Islands mid.-12:30 a.m.
- 9540 OAX5C Ica, Peru, 7-11:30 a.m.  
 9540 VLG2 Melbourne, Australia, 8:15-9:50 a.m.
- 9543 XEFT Mexico City, Mex.  
 9545 MTCY Hsingking, Manchukuo, at 10 a.m.\*  
 9548 ... Gustav Siegfried Eins, (Anti-Nazi) 7 min. before ea. hr.  
 9550 OQ3AA Leopoldville, Belg. Con., 5:55-7:45 a.m. & 1:55-2:45 p.m.  
 VUB-2 Bombay, India, 2:3:55 a.m.  
 WGEA Schenectady, N. Y., 6:15-9:15 p.m.  
 YDB Soerabaya, Java, 10:30 p.m.-2 a.m., Su. 7 p.m.-2 a.m.  
 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.
- 9555 OAX4T Lima, Peru, 7-8, 11:30 a.m.-1:30 p.m., "Radio Nacional"  
 XEFT Vera Cruz, Mexico, 7:30 p.m.-mid.
- 9560 DJA Berlin, Germany, mornings, "Nazi propoganda sta."  
 VLW2 Perth, Anstralia, 8:10-9:45 a.m., 1-1:45 p.m.  
 9565 RV15 Khabarovsk U.S.S.R., 6:30-7:30 a.m., 4:30-6 p.m.  
 ... Kubyshev, U.S.S.R., 6:30-7:30 p.m., "Radio Center"  
 DXZ Warsaw, Poland, 4:50 p.m. to 1 a.m., "Nazi propoganda sta."  
 KZRM Manila, Philippines, 4:30-7 p.m., 11 p.m.-1 a.m., and 4-10:15 a.m.  
 VUM2 Madras, India, 3-4:30 a.m.  
 WBOS Boston, Mass.  
 KWID San Francisco, Calif. (New)  
 WLXWH Hull, Mass., experimental
- 9580 GSC London, Gt. Britain, 12:45-1 a.m., 1:25-2:15 p.m., 3-3:45 p.m., 4:15-11 p.m., 5:10-11:35 p.m.
- VLG Melbourne, Australia, 10:25-11:10 a.m.  
 VLR Melbourne, Australia, Mornings till 9 a.m.  
 9590 W1WO Cincinnati, Ohio, 6-9 p.m.  
 VUD2 Delhi, India, 1-3:30 a.m.

- VUD3 Delhi, India, 6:30-11 a.m.
- 19595 .... Athlone, Ireland, 12:30-4:30 p.m., 5-6 p.m.
- 19600 CB960 Santiago, Chile, 8-11:30 p.m., "Radio la Americana"
- GRY London, Gt. Britain, 5:10-11:35 p.m.
- 19605 JLP Tokyo, Japan, "Japanese propoganda sta."
- 19607 HP5J Panama City, Panama, 7-8 a.m., noon-1:30 p.m., 6:30-10:30 p.m.
- 19610 DXB Berlin, Germany, 4:50-10:45 p.m. (Span.) "Nazi propoganda sta."
- RW99 Inkutsk, U.S.S.R.—until 11 a.m.
- 19615 VLQ Sydney, Australia, 2-2:30 a.m., 3:25-4:25 a.m., 10:30 a.m., 2-3:03 p.m.
- ZRL Capetown, U. of So. Africa
- 19620 TIPG San Jose, Costa Rica, 9-9:30 a.m., 12-2, 6-11:30 p.m., "La Voz de la Victor"
- CXA-6 Montevideo, Uruguay
- XEWQ Mexico City, Mex. evenings
- 12RO3 Rome, Italy, 1-2 a.m., 12:07-2:35 p.m., 4:15-4:45 and 6-9 p.m.
- JFO Taihoku, Taiwan, 4-10:30 a.m., "Japanese propoganda sta."
- 19635 KZRH Manila, Philippines, 5 p.m.-11 a.m.
- 19640 CXA-8 Colonia, Uruguay, 5 a.m.-10:45 p.m., Sa. to 1 a.m.
- 19645 LLH Oslo, Norway, 9-10 p.m.
- NGOY Chungking, China, 1-3, 8-9:30 a.m.
- JLT-2 Tokyo, Japan, "Japanese propoganda sta."
- .... European Revolution Station, 2-4-6-7 and 12 p.m.
- 19650 DJW Berlin, Germany, 3:15-4:30 a.m., 8:30-9:45 p.m., Th. 8:30-9:45 p.m.
- HVJ Vatican City, Su. 5-5:30 a.m., 8:30-9:45 p.m., Th. 8:30-9:45 p.m.
- VLW-2 Perth, Australia, 8:15-9:50 a.m.
- WCBX New York, N. Y., not in use.
- WCRC New York, N. Y.—New xmitter
- 19655 HJCT Bogota, Cal. 6-11 p.m.
- 19660 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.
- 19670 WRCA New York, N. Y., 4 p.m.-1 a.m.
- WNBI New York, N. Y.
- 12RO-9 Rome, Italy, 8-11 p.m., "Facist propoganda sta."
- KGEI San Francisco, Ca., 1:05 a.m. to ?
- 19675 DJX Vienna, Germany, 10:40 a.m.-4:25 p.m. "Nazi propoganda sta."
- 19680 VLQ5 Sydney, Australia, 7:15-8:05 a.m.
- XEQQ Mexico City, Mexico, 5 p.m.-1 a.m.
- 19685 TGWA Guatemala City, Guat., 10-11:45 p.m.
- 19690 LRA-1 Buenos Aires, Argentina, 10:30 a.m.-1 p.m., 2:30-3:30 p.m.
- 4-9 p.m.
- GRX London, Gt. Britain, 5:40-9:40 p.m., 2-5 a.m., 11 a.m.-1:45 p.m., 2-5:45 p.m.
- ZHPI Singapore, St. Settlements, till 9:40 a.m.\*
- 19695 JIE3 Tyureki, Taiwan, at 9:30 a.m.\* Japanese propoganda sta."
- 19703 .... ort de France, Martinique, 5:30-8 p.m., "Radio Seri"
- 19715 T4NRH Heredia, Costa Rica, Tu., Th., Sa. 9-10 p.m., Su. 7-8 p.m.
- 19720 NGOA Chungking, China, 7 a.m.-11:30 p.m.
- 19730 CB970 Valaparaíso, Chile, 7-9 a.m., (Casilla 37V)
- 19740 CSW7 Lisbon, Portugal, 4-5:30 p.m., 6:45-9 p.m.
- 19750 "Radio Inconnu" ? France, 2:30 p.m., Anti-Vichi Sta.
- 19755 ZRO Durban, 2:40-4 p.m.
- 19760 12RO18 Rome, Italy, 9-10:30 p.m., "Facist propoganda station."
- 19780 HNF Baghdad, Iraq, 9 a.m. to 2 p.m.
- 19815 IRF Rome, Italy, 5:20-5:40 a.m., noon-12:25 p.m., 1:50-2:30 p.m., 6-7:25 p.m., "Facist station."
- 19825 COCM Havana, Cuba, 8 a.m.-mid.
- GRH London, Great Britain, 5:45-11:45 p.m.
- 19830 CR7BE Lourenço Marques, Mo-Zambique, 2-4 p.m.
- 19860 .... Sverlovsk, U.S.S.R., 12:30- p.m.
- 19890 LSN-2 Buenos Aires, Argentina, occasionally 10-10:15 p.m.
- 19935 SVM Athens, Greece, Not heard since German occupation
- 10000 kcs. band**
- 10110 XBHU Hermosillo, Mexico, till 6:40 p.m.
- 10035 DZB Prague, Bohemia, at 2:45 p.m.\* "Nazi propoganda sta."
- 10050 MTCY Hsinking, Manchukuo, 12-3 a.m.
- 10050 SIV Cairo, Egypt, 12:30-1:30 p.m.
- 10055 XBHX Mexico City, Mexico, 6:10 a.m. (Apartado 14 bis.)
- 10060 .... Kuibyshev, U.S.S.R., 7:30-9 a.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., Fri. 7-7:30 p.m., Mo., Wed., Fri. 8-8:
- 10260 PMN Bandoeng, Java, 1:30 p.m.-2 a.m., 4:30-10:30 a.m., 6-7:30 p.m.
- NGAP China, 7:30-9:30 a.m.

- 10290 DZC Berlin, Germany, 4:50-8:50 (Port.) 9:15-10:45 (Span.) "Nazi propoganda station."
- 10300 ORK Brussels, Belgium, 7:30-8:30 p.m. (Ger.)
- 10350 LSX Buenos Aires, Argentina,
- 10400 YSPA San Salvador, El Salvador, 6:30-11 p.m.
- 10545 DZD Berlin, Germany, 4:50 p.m.-1 a.m.
- 10660 ZIK2 Belize, Br. Honduras, Tu., Th., Sa. 1:30-2, 8:30-9 p.m.
- 10680 PLQ Bandoeng, Java, at 7 a.m.
- 10710 .... Douala, Fr. Cameroons, not in use.
- 10950 FIQA Tananrive, Madagascar, 12:30-12:45 a.m., 10-11 a.m., 2:30-4 p.m.
- 10953 CR6RB Benguela, Anogla, 2:30-3:30 p.m., "Radio Club Benguela"
- 11000 kcs. band**
- 11000 PLP Bandoeng, Java, 10:30 p.m.-2 a.m., 4:30-10:3 a.m., 6-7:3 p.m.
- 11040 CSW6 Lisbon, Portugal, 12-3:30 p.m., Su. 10 a.m.-5:30 p.m.
- 11290 FIB Vanrae, Cameroons, not in use.
- 11402 HBO Geneva, Switzerland, 7:45-9:15 p.m.
- 11500 CLB-11 Havana, Cuba, evenings\*
- 11505 "Radio Liber:ad," Italy
- 11515 PZX Paramaribo, Suriname, 6:30-7:30 p.m. on Mon. & Th.
- 11600 PLN Bandoeng, Java, at 7 a.m.
- 11610 12RO-4 Rome, Italy
- 11616 COK Havana, Cuba, noon to midnight
- 11650 XGOK Canton, China, 7-9 a.m.
- 11670 Andorra, "Radio Andorra," 6:30 a.m.
- 11680 GRG London, Great Britain, at 3:45 p.m.
- 11700 CB1170 Santiago, Chile, 10 a.m.-2 p.m., 3:30 p.m.-mid., "Radio Otto Becker"
- HP5A Panama City, Panama, 7-10:40 a.m., 5-10:45 p.m., Su. 6-10:45 p.m.
- IQY Rome, Italy, 5:20-5:46 a.m., 1:50-2:30 p.m., "Facist propoganda sta."
- 11705 CXA-19 Colonia, Uruguay, evenings
- CRFY Montreal, Quebec, 6 a.m.-mid.
- SBP Stockholm, Sweden, 1:45-2:15 a.m., 1:4:15 p.m., 8-9 p.m.
- JLG-3 Tokyo, Japan, "Japanese propoganda sta."
- WLWO Cincinnati, Ohio, 4:30 p.m.-mid.
- 11710 VLG3 Melbourne, Australia, 12:56-1:40 a.m.
- 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 a.m.-2 p.m.
- 11720 ZPA2 Asuncion, Paraguay, 4:30-7:45 p.m., "Radio Difusora del Telefono"
- 11725 JVV-3 Tokyo, Japan, 9:9:30 a.m., 3-8 p.m., "Japanese propoganda sta."
- 11730 OQ2AA Leopoldville, Belgium, Congo, 5:55-7:15 a.m. & 1:55-2:45 p.m. Belgian Congo,
- WRUW Boston, Mass., 6-7:45 p.m., 8-10:15 p.m.
- KGEI Belmont, Calif. (New)
- WGEA Schenectady, N. Y. (New)
- WGEO Schenectady, N. Y. (New)
- WRUS Boston, Mass. (New)
- 11737 DXC-2 Lambester, Norway, until 4:30 p.m., "Nazi propoganda sta."
- 11740 HVJ Vatican City, Su. & Th. 8-9:30p.m.
- CB1174 Santiago, Chile, 6-11 p.m., Su. 6-10:30 p.m., "Radio Huccke"
- CR6RC Loanda, Angola, 6:30-7:45 a.m., Tu., We., Sat. at 3:30 p.m., Su. 12:30-1 p.m.
- COCY Havana, Cuba, noon-mid., RHC Cadena Azul
- 11750 GSD London, Gt. Britain, 6-7 a.m., 4:15-11:45 p.m.
- 11760 12RO15 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.\*
- 11765 PYD8 Sao Paulo, Brazil, 6-10:15 p.m., "Radioifusora Sao Paulo"
- 11770 DJD Berlin, Germany, 10:30 a.m.-4:30 p.m., 4:50-11 p.m., "Nazi propoganda station"
- ZTE Durban, So. Africa, 1-4 a.m.
- 11775 MTCY Hsingking, Manchukuo, 12-2 a.m., 9:50-10:55 a.m., 4-4:50 p.m. p.m.
- 11780 ..... Sagon, Fr. Indo Chna, 6-9:30 a.m., 10:30-11 a.m., 7-7:20 a.m., "Axis propoganda Station."
- HP5G Panama City, Panama, Noon-1 p.m., 6-10 p.m.
- 11785 OFF Helsinki, Einland, 1:15 p.m. to 8 p.m.
- 11790 WRUL Boston, Mass., 3-5:45 p.m.
- WRUS Boston, Mass. (New)
- 11800 JZI Tokyo, Japan, 6:30-9:30 a.m. 6:6:30 p.m., "Japanese propoganda station"
- DJZ, Berlin, Germany, 3:30-4 p.m., "Nazi propoganda stat."
- 11805 COGF Matanzas, Cuba, evenings
- 11810 12RO4 Rome, Italy, 4:30-9 a.m., 10 a.m.2 p.m., 6-7:25 p.m., 7-9 p.m., "Facist station."
- 11815 JVZ Tokyo, Japan, 6:30-9:30 a.m.
- 11820 GSN London, Gt. Britain, 6-10:30 a.m., 12:15-1:15 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.
- VUD4 Delhi, India, 9:05 p.m.-mid., 1-4:25 a.m., 6:30 a.m.-12:15 p.m.

- V.LW3 Perth, W. Africa, 1-5 a.m.  
WCBX New York, N. Y., 4:30 p.m., 6:30-10:45 p.m.  
WCRC New York, N. Y., 5-6 p.m.
- 11840 VLR7 Melbourne, Australia, at midnight and early morning.  
CSW Lisbon, Portugal, 11:30 a.m.-1:30 p.m.
- 11845 ..... Vichy, France  
11845 ..... Vichy, France, at 11:15-11:30 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.
- 11860 DJP Berlin, Germany, 12:05-2 a.m., 4:50-10:50 p.m., "Nazi propoganda sta"  
11860 GSE London, Gt. Britain, 5:40-10:30 a.m., 10:55 a.m.-1 p.m.  
11865 HERS Berne, Switzerland, 8-8:30 a.m.  
11870 WBOS Boston, Mass., 2 p.m.-mid.  
KWID San Francisco, Calif. (New)  
11880 JZJ Tokyo, Japan, 12-1:30 a.m., 7:9:30 a.m., 2-4 p.m., "Japanese propoganda  
VLG-5 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.  
..... Berlin, Germany, afternoons, "Nazi propoganda sta."
- 11890 WNBI New York, N. Y., 8:15 p.m. to 1 a.m.  
VPD-2 Suva, Fiji, Islands, 10:30-11:30 p.m.
- 11910 XGRS Shanghai, China, 6-7 p.m. "Voice of Europe"  
11920 ..... Italy, "Radio Italia" 2-2:50 p.m., 4-4:30 p.m., 6-6:28 p.m., "Anti-Axis  
station."
- 11930 XCDN Shanghai, China, not in use  
11945 FZI Brazzeville, Fr. Eq. Africa, "Radio Brazzeville" 2:30-4 p.m., 10-11 p.m.  
11950 2RO-? Rome, Italy (New) afternoons and evenings  
\*PPH Rio de Janeiro, Brazil, irreg.
- 11975 CB1180 Santiago, Chile, 7-8 a.m., 4:50-11 p.m.  
11980 NIRS Shanghai, China, 5-7:45 a.m., "Facist propoganda sta."
- 12000 kcs. band**  
12000 RNE Moscow, U.S.S.R., 6-8 p.m. not in use.  
..... Brazzeville, Fr. W. Africa "Radio Club" 15 min. periods 1 a.m. 3:40  
p.m.
- 12030 XGRS Shanghai, China, 5:45-10 a.m., "Nazi Prop. station"  
12040 GRV London, Gt. Britain, 7:15-8:15 a.m., 4-4:15 p.m., 4:30-5 p.m.,  
also Noon-1:15 p.m.
- 12060 .... ??, U.S.S.R., 7-8 a.m.  
12115 ZNR Aden, Arabia, 11:45 a.m.-12:45 p.m.  
12120 TPZ Algiers, Algeria, "Radio Algiers" 4-6 p.m., "Pro Vichy station"  
12235 TFI Reikjavik, Iceland, Sun. afternoons (Rikesntvarpid, Box 837)  
12450 HCJB Quito, Ecuador, 5-10:30 p.m.  
12480 ..... "Radio Club" Brazzeville, Fr. Eq. Africa, 1, 2, 3, 5:30, 7:30, 8:30  
a.m., and 1, 3:30 p.m.
- 12490 HI-IN San Pedro, D. R. till 9:10 p.m.  
..... Radio Levant, Beirut, Syria, 6-7 p.m.
- 1286.5 KNBC Hollywood, Calif., 11 a.m. to 3 p.m.
- 13000 kcs. band**  
13066 ..... Reval, Estonia, "Radio Reval" at 3 p.m.  
13355 ..... Dakar, Fr. W. Africa, at 8:15 a.m., 2-4 p.m., "Pro Vichy Station"  
13900 YNDG Leon, Nicaragua, Su. 2:50 p.m.\*
- 14000 kcs. band**  
14400 ..... Ponta Degada, Azores, not in use.  
14460 DZH Berlin, Germany, 4-8 a.m., "Nazi propoganda sta."  
14600 JVH Tokyo, Japan, 7-8 a.m., "Japanese propoganda sta."  
14630 PLJ Bandoeng, Java, We. 6:45-8:15 p.m., 8:40-10:15 p.m.  
14635 HBJ Geneva, Switzerland, 7-10:50 p.m.  
14680 CMB-4 Havana, Cuba, 6-7:05 p.m.  
14690 PSF Rio de Janeiro, Brazil, 4:30-5 a.m.  
14736 IQA Rome, Italy, propoganda sta., not in use  
14920 KQH Kahoku, Hawaii, Sa. 8:30-9 p.m., Su. 9:30 p.m.\*  
Sverdlovsk, U.S.S.R., 7-8 a.m.  
14940 PSE Rio de Janeiro, Brazil, 6-7 p.m., Th. 3:3-3:30 p.m.
- 15000 kcs. band**  
15105 JLG-4 Tokyo, Japan, 6-6:30 p.m., "Japanese propoganda station"  
15110 DJL Berlin, Germany, 12-2 a.m., 10:40 a.m.-4:25 p.m., "Nazi propoganda  
station."  
KuibyshevN, U.S.S.R., "Radio Center", 6-8 p.m.
- 15120 CSW-4 Lisbon, Portugal, 7-9 a.m.  
..... Athlone, Ireland, "Radio Eiran" 12:30-1 p.m. & 6:30 a.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.  
DXH-2 Berlin, Germany, 6-11 a.m., "Nazi propoganda sta."
- 15130 WRUL Boston, Mass., 7:15-11 p.m.  
WRUW Boston, Mass.  
KGEI Belmont, Calif., (New)  
WRUS Boston, Mass. (New)
- 15135 JLU-3 Tokyo, Japan, 8-9:30 a.m., "Japanese propoganda sta."

15140 GSF London, Gt. Britain, 7:15-11:30 a.m.  
15150 WNBI New York, N. Y.,  
EAJ-43 Canary Islands, around 5:30 p.m.  
YDC Bandoeng, Java, 10:30 p.m.-2 a.m., 4:30-10:30 a.m., 6-7:30 p.m.

15155 SBT Motala, Sweden, 6-7 a.m., 1-1:45 p.m., 8-9 p.m.  
15160 DXS Berlin, Germany, till 10:45 a.m., "Nazi propoganda sta."  
JZK Tokyo, Japan, 8-10 p.m.  
VLG-7 Melbourne, Australia, testing

15165 CP43 Tupiza, Bolivia, 6-9:30 p.m., "Radio Tupiza"  
PRE9 Fortaleza, Brazil, 8:40-11 a.m.  
15170 TGWA Guatamala City, Guat., 12:45-2 p.m.  
15175 OQ2AA Leopoldville, Bel. Con., 1:55-2:15 p.m., 5:55-7:15 a.m.  
15180 GSO London, Gt. Britain, 7:15-8:15 a.m.  
DJQ Berlin, Germany, 2:30-2:45 p.m., "Nazi propoganda."

15190 OIE Helsinki, Finland, 1:15 p.m. to 9 p.m.  
XGOX Chungking, China, 8:30-9:30 p.m., 10-11:05 p.m.  
15195 TAO 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., 4:50-11, "Nazi propoganda."  
WBOS Boston, Mass., mornings  
KGEI Belmont, Calif. (New)

15220 PCJ-2 Amsterdam, Netherlands, 6:30-10:45 a.m., 3-10:45 p.m.  
15225 JLT-3 Tokyo, Japan, 10-11 p.m., "Japanese propoganda sta."  
15230 IZRO-14 Rome, Italy, at noon "Facist propoganda sta."  
VLG-6 Sydney, Australia, hrd. after midnight

15240 ..... Vichy, France, 10:55-10:45 a.m.  
15242 RV- - New, U.S.S.R. until 3 p.m.  
15250 CR7BD Lourenzo Marques, Mozambique, 4:30-6:30 a.m., 9:30-11 a.m.  
Noon-4 p.m.

DXT, Berlin, Germany, "Nazi propoganda sta."  
WLWO Cincinnati, 8-11 a.m.

15260 GSI London, Gt. Britain, 10:30-10:45 a.m. Sun.  
15270 WCAB Philadelphia, Pa., 1-6 p.m.  
WCBX New York, N. Y., not in use

15280 DJQ Berlin, Germany, 12:05-11:10 a.m., "Nazi propoganda sta."  
15290 VUD3 Delhi, India, 9:05 p.m.-mid., 1-4:25 a.m.  
15290 LRU Buenos Aires, Argentina, 8-10 a.m.  
15295 RV- - New, U.S.S.R. Sunday morning  
15300 IZRO-6 Rome, Italy, Noon-1:15 p.m., "Facist propoganda sta."  
CXA-13 Montevideo, Uruguay, not in use.  
MTCY Hsingking, Manchukuo, 3:3:50 p.m., "Japanese propoganda sta."

15310 GSP London, Great Britain, 2:30 a.m-6:15 p.m.  
15315 VLQ3 Sydney, Australia,  
15320 WRUL Boston, Mass.,  
YDB Soerabaja, Java, 4:30-10:30 a.m., 6-7:30 p.m.

15325 JLT3 Tokyo Japan, 9-10:30 p.m., "Japanese propoganda sta."  
15330 WGEA Schenectady, N. Y., till 5 p.m.  
KGEI San Francisco, Calif., 7 p.m.

15350 WRUS Boston, Mass. (New)  
KGEI San Francisco, Calif., 7-1 a.m.  
WRUW Boston, Mass.

15590 IZRO-17 Rome, Italy, at 7:45 a.m., "Fascist propoganda sta."  
15300 DIO Berlin Germany, 12:05-11:10' a.m., 4:50-8:59 p.m. (Port.) "Nazi prop."  
15300 IZRO-6 Rome, Italy, Noon-1:15 p.m., 8-11 p.m., "Facist prop. sta."  
15330 WGEA Schenectady, N. Y., 11:15 a.m-6 p.m.

**17000 kcs. band**  
17750 WRUL Boston, Mass., Noon-2:45 p.m., ex. Sa. 10:30 a.m.-1:30 p.m. & Su.  
17760 DJE Berlin, Germany, "Nazi propoganda sta."  
KWID San Francisco, Calif.

17775 WRUS Boston, Mass. (New)  
17780 WRCA New York, N. Y., 9 a.m.-6:15 p.m.  
WNBI New York, N. Y.

17790 GSG London, Great Britain  
17795 JLU-4 Tokyo Japan, "Japanese propoganda station."  
17800 OIH Helsinki, Finland, not in use  
TGWA Guatamala City, Guatamala, not in use  
WLWO Cincinnati, Ohio

17810 GSV London, Great Britain, mornings.  
17820 IZRO-8 Rome, Italy, "Facist propoganda sta."  
17830 LRA-5 Buenos Aires, Argentina Fr. at 4 p.m.  
WCBX New York, N. Y., 3-6 p.m., 6:30 p.m.-mid.

17840 HVJ Vatican City, not in use.  
Athlone, Eire, 12:30-1:15 p.m.

17890 GRP London, Great Britain, 6-11:30 a.m. (Sp.)

19590 I2RO-17 Rome, Italy, "Facist propoganda sta."

**21000 kcs. band**

21470 GSH, London, Great Britain, mornings.

21500 WGEA Schenectady, N. Y., 8-11 a.m.

WCBX New York, N. Y., 3-6 p.m., 6:30 p.m., mid.

WCRC, New York, N. Y., not in use

21530 GSJ London, Great Britain

21540 WBOS Boston, Mass.

21550 OII Helsinki, Finland, not in use

21565 DJJ Berlin, Germany, "Nazi propoganda sta."

21570 WCBX New York, N. Y., 7 a.m. 2:30 p.m.

WCRC New York, N. Y., not in use

21610 KWID San Francisco, Calif. (New)

21630 WRCA New York, N. Y.

21680 HAD Budapest, Hungary, "Nazi propoganda sta.", not in use.

21840 GRZ London, Great Britain, 6:15-7, 7:30-7:45, 8:15-8:30 a.m.

**PROPOGANDA—Cont.**

el." Speed here is the essence, in order that counter-measures may be taken.

At the same time, a considerable amount of news and intelligence information comes over the short-wave which is not available from other sources, and which must be transmitted immediately to the proper Government officials. The value of short-wave sources increases as it becomes more difficult to obtain news from various countries by other means.

Today almost every political, diplomatic, or military move is presaged by shifts in propoganda treatment. Consequently, through study of propoganda trends it is often possible to predict such moves. A new course in policy can be detected in broadcasts long before it is announced officially, or rumored in the press. Indeed, the altered tone of certain foreign broadcasts gave the first indication that Germany was about to invade Russia, and that Japan intended to occupy Indo-China.

The Foreign Broadcast Service operates in a sort of "belt line" process, which can be described in the following steps:

Four "listening posts" of the FCC's National Defense Operations Section are exclusively attuned to foreign broadcasts. They are so located that each may hear transmissions from a particular region of the world. Thus, a listening post at Portland, Oregon, concerns itself with Far Eastern broadcasts; another at Kingsville, Texas, has to do with Latin America events; the third, at Santurce, Puerto Rico, watches Eastern European trends, while the fourth, at Guilford, Maryland, covers the rest of Europe and all of Africa and the Near East.

Monitors listen to all of the major broadcasts, and information about content significant either from the intelligence or propoganda point of view is flashed immediately to appropriate Government officials. In the case of the field offices, such flash items are transmitted first to the Washington office from whence they are relayed to other Federal units. In the case of the adjacent listening post, telephonic lines can "pipe" a short-wave broadcast as received there direct to the Washington office, where the same is scanned for significant developments to flash various Government offices by teletypewriter.

Concurrently, broadcasts are recorded in the

field offices. As each cylinder is finished, if it is in a foreign language, it is turned over to the Translation Section. When the translators have made a rough draft, such transcript is typed and duplicated. If the broadcast is in English, the cylinder goes to transcribers who similarly prepare verbatim copy on duplicating sheets.

Decentralization of the Foreign Broadcast Monitoring Service force makes each listening post, in effect, a complete unit in itself, with engineers, translators, transcribers, stenographers and persons who prepare reports. Thus, each can tackle an overseas broadcast as quickly as it is recorded. From each far-flung listening post, master reports are speeded by air mail to Washington where all analysis work is done.

Clearing through the Washington office of the Foreign Broadcast Monitoring Service, pertinent information is dispatched to a selected list of military and other Government officials in the form of spot bulletins, daily reports with over-call content and analysis, weekly summaries of propoganda methods on the long-range basis, and special reports and analyses in particular matters.

Continuous listening is necessitated by the difference in time throughout the world. What might be the best listening period in one country may be early morning in another. Also, programs which come over different frequencies at the same time must be recorded separately.

The volume of international broadcasts is tremendous. The German radio bombards the United States alone with nearly 11 hours of emissions daily, the British send us about 6 and one half hours, Japan 4 and one half hours, and Italy more than 4 hours, and a score of other nations in lesser proportions. Significant to our Foreign Broadcast Monitoring Service are the different treatments accorded the same news by a country in broadcasting to various nations.

(See back cover)

**REMEMBER PEARL HARBOR  
LET'S KO THE JO'S**

# Tuning The TP's

By BOB BROWN

At the request of your editor, Ray La Rocque, I am supplementing Steve Mann's swell article on South American Reception with this bit o' reception from the stations in Australia and New Zealand. Any article on DX reception in these times must take into account the effect of the war. During that fateful second week of December it seemed that DX would be one of the initial war casualties. Monitoring schedules were abandoned for the duration and about 75% of our domestic stations became all-nighters over-night. Gradually, however, it became apparent to many of these several hundred stations that there wasn't enough news to warrant their new 24-hour schedules and soon only key stations and the normal all-nighters were maintaining their all-night status.

I think I can say without too many arguments that all-nighters and TP's just don't mix. SA's seem to thrive on interfering signals but TP's are rarely ever heard under domestic stations. From that it would seem that freedom from interfering signals is the most important factor in TP reception. Actual signal strength is still a very important factor and cannot be overlooked. During the past four years I've made a hobby of keeping track of the foreign reception reported by North American listeners. I make out a file card for each station and file them by continents in order. The most frequently reported stations are first and so on down the line. My file for Oceania contains exactly 100 of the 150 odd Australian and New Zealand stations. These 100 stations were reported a total of 778 times or nearly 8 reports per station. Here are the most frequently heard stations:

**PEARL HARBOR, HAWAII**  
 Co. B. D. Marine Barracks  
 Radio      Mid Hr.      19  
 QFA   R   Band  
 Working  
 Calling

**K6SWL**

RECEIVED  
 DEAR BOB

I AM APPLYING FOR MEMBERSHIP  
 IN THE "RADIOS CLUB" I HOPE THIS  
 CARD WILL BE APPLICABLE FOR BRISTOL

**Bob HOWLAND**  
 Vy 73's

WORKS PRINT

1YA-650, 2YA-570, 4QS-760, 4YA-790, 3YA-720, 2YC-840, 2CY-850, 3LO-770, 2NR-700, 3GI-830, 4QN-630, 2BL-740, 3WV-580, 2CO-670, 2YH-750, 4QG-800, 3AR-620, 2FC-610, 2CR-550, 4YZ-680, 3ZB-1430, 4BH-1380, 5CK-640, 7NT-710, 2UE-950, 2NC-1230, 2HD-1140, 4AK-1220, 4BC-1120, and 4RK-910.

This file makes tuning much easier. For example: My own log is complete down the list as far as 2BL so the first station I try for each morning is 2BL and so on down the list. Many of the stations are completely covered by all-nighters now. 2YA, 4YA, 3LO, 2CO, 2YH, 2FC, 4YZ, 5CK, 7NT, 2UE, 2NC, and 2ND are all but eliminated. Some of the others have clear channels only on rare occasions. 2BL, 3AR, 3WV, 2CR, and 4RK are, for the present, in this classification. 2NR can be heard best on Sunday mornings. WLW comes on the air at 5 a.m. on the other mornings 1YA, 4QS, 2YC, 2CY, 2NR, 3GI, 4QN, and 4QG will probably be the most easily heard stations. It might be well to watch the smaller stations on the higher frequencies. 3LK-1090,

4AK-1220, 4ZB-1280, 4BK-1290, 2TM-1300, 4BH-1380 and 3ZB and 2WL-1430 were heard during December and might be very strong some mornings in February.

The Aussies and Zedders seem to be best in October and February and good at times during September, November, March, and April. They can be heard if conditions are right almost any month though. We had ample proof of that this Summer. Jim Weaver of nearby Elkhart, Indiana heard 2CY in July. AND he has a verification to prove it. The New Zealand stations reach their first peaks around 4 a. m. EST and the Australian stations can be heard about an hour later. But 1YA has been heard as early as 2 a.m. and 2WL was R5 at 4:30 here on December 19th. From 4 a.m. until the domestic stations come on the air for their broadcast day the TP's are kings of the DX world. In fact their reign isn't over at daybreak. My verification from 2CO was for reception one half hour after daylight on April 12th.

Even the strongest of these Trans-Pacific Stations will fade completely out for long periods and then come back to reach R8-9 peaks that same morning. Most old-timers say log one station at a time. I didn't believe that their spot-tuning method was really the best way to go after DX until I tried it. I had heard carriers from about 30 TP's and only had 1YA verified until I tried staying with one station until it really came in. The new method netted me 19 new stations the first year. Here's a late bit of information from Russ Lacey of Palmerston North, New Zealand: SMD in Meridan, Western Australia is now on the air. Radio Pacifique Noumea has shifted to 560 kilocycles and operates from 2:30 to 3:15 a.m. EST only (New Caledonia). The Port Moresby, Papua station (100 watts PM on 1360 kilocycles is on the air only 2 hours perday, 3 to 5 a.m. EST.

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## "BLUE NETWORK"

### N.B.C. TRANSFERS

Transfer of the controlling interest in the "Blue Network" from the National Broadcasting Co., to the Radio Corporation of America (RCA) has been completed with the key stations WJZ, WENR, and KGO assigning their licenses to RCA. WMAL and KOA, also former NBC owned station, have been transferred to their former owners.

Hereafter, the two networks will function as separate companies, each company having its own president and separate staff of operators, technicians, and announcers. The old Red Network will continue as before and announcements will be preceded by the familiar cue "This is the National Broadcasting Co." However, listeners to Blue Network stations will be greeted by the cue "This is the Blue Network" instead of the announcement which became so familiar over both NBC chains.

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### BLACKOUT—Cont.

Mitchel Field, New York, the Second Interceptor Command Headquarters, City-County Building, Seattle, the Third Interceptor Command Headquarters, Drew Field, Tampa, Florida, and the Fourth Interceptor Command Headquarters, Riverside, California. Later, it is expected that additional inspectors will be placed on other cities, thereby affording more efficient and convenient communication service to all concerned.

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Listen to **RADEX Special**  
over **HP5G and HOA.**  
See **DX Calendar** for details.





LD and KSOO. On frequency checks this morning, received KINY and KGBU for my first Alaskan Alaska is my only state or territory not verified. Have over 600 verifications now. Suppose you know that our local KOB is now on 770kc (and WJZ-KXA have battle standards flying before the FCC, too, as a result—Ed.) They went down there this last week. As to the change, the reception around here is not as good as it was on 1030kc. Doesn't seem to have the strength it used to. However, haven't heard how their signals may be getting out to the rest of the country. KOB signs off at 11:00 MST every evening, or 10:00 PST. This makes them very hard to receive in many localities."

R2292—Gerald Stoneham, 407 Williams St., Chilliwack, B. C. "I have just received the first copy of the new RADEX, and think it is excellent. I especially like the DX forecast. With its aid I logged CMQ on 690 in the early morning. I find that my results are better since I moved the wave traps I had installed in my lead in. I still have been unable to hear any Central or South American BCB stations. However, the TP's are coming in swell. On the morning of November 18, I heard 1YA, 2YA, JOAK-1, JOIK, 2WL, 2FC, 4QN, 4AK. I've been burning the midnight oil twice or three times a week for six weeks, but I never had DX like that before. I have reports out to most of those stations except the Japs. In case some Canadians don't know, Canadians can buy Imperial Reply Coupons for five cents. They are good for return postage anywhere in the Empire. Before I found this out I had been paying twelve cents for IRC's. I heard KAVE testing and offering to

verify all reports without return postage."

R2218—Israel Feuer, Route 2, Box 808, Vista, California. "This is the first time I have sent a report to RADEX. I have recently bought a Hallicrafters Sky Champion and so I hope to make some good reports. A friend of mine, Vern Anibal (W7-DKG) formerly from Salem, Oregon is now living in Vista. I am twelve years old and would like to correspond with owners of same model radio, especially someone in New England. I would like to know what has happened to XERB which used to come in R9 and now I don't even hear it (XERB is very shortly expected to be out of the "status undetermined" column, as extensive litigation in Mexico and the U. S. has now ended. It is understood the station will be sold to new owners—Ed.). By my next report I will be using my S-2OR because we'll probably get our electricity by then. Right now I am using a four tube portable Philco 40-82."

James E. Critchett, 131 East Fesler St., Santa Maria, Calif. "I have a Zenith 8-tube table model Radiorgan, new August 15, 1941. My aerial is only a wire strung up in my room. So far I have heard 258 standard broadcast stations on it. I do not try for verifications very often. My best catches are: WEBR on frequency check in October, KGBU then also; KTOH and KHBC on several nightly programs; 1YA, 2YA, JOAK-1, JOBK-1, CMQ and CMCY, the last six definitely identified by the DX Forecast for November. Others heard include CBL, WPTF; KR-OC and KDAL on the October checks."

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**KEEP 'EM FLYING  
LET'S KO THE JO'S**

**BCB—Page thirty-three**

# Radex DX Forecast

FOR FEBRUARY, 1942

February is a difficult month for any DX forecaster. This month is a changing-over period where reception is apt to be either very good or very bad. Seldom is it just ordinary.

It can be very good in that TA's have already reached their peak and may hold up throughout most of the month before dying out. The TP's are almost sure to put in an early appearance at some time during February in preparation for better signals in March and April.

Trans-Atlantic reception failed to impress anyone in December, but January found many of them breaking through. One morning your editor found R5-7 signals from Europeans all over the dial. Notable among these was the Netherlands station on 995 kcs., whose signal was a very

good R7 on many occasions around 1:30 and 2 a.m. This station has setting-up exercises at this hour. BBC station on 1149 is also very potent carrying programs in Italian, but QRM on this channel usually causes a lot of interference. Such good reception may hold out through February and DXers should be on the watch after 1 a.m. daily for stations listed in the calls heard!

For TP's we will refer you to the splendid article by Bob Brown in this issue of RADEX.

Latin Americans are expected to continue to break through on many parts of the dial every evening in February.

One of the fastest growing departments in RADEX in popularity is the Calls Heard on the Broadcast band. Without further fanfare, here 'tis:

## CALLS HEARD

550 kcs. CMW 1-2 (ln)	835 kcs. TIEP 1-2 (a)	1110 kcs. CMBY 1-2.3 (km)
570 kcs. CMHI 1-2 (lkn)	841 kcs. Berlin 3 (o)	1140 kcs. NENT 2-3
590 kcs. CMCY 1-2 (lk)	854 kcs. OAX4A 2 (ain)	
590 kcs. KGMB 3-4 (k)	860 kcs. CMBL 1-2 (lkn)	1149 kcs. London 3 (x)
605 kcs. TIGPH 1-2 (i)	860 kcs. XEMO 3 (k)	1150 kcs. CMBQ 1-2 (l)
620 kcs. WKAQ 3 (cm)	870 kcs. HJCC 1 (ln)	1153 kcs. XEJP 3 (ek)
625 kcs. TIGP 2 (ln)	900 kcs. CMCF 1-2 (elkn)	1170 kcs. NECD 3 (k)
630 kcs. CMZ 1-2 (lknm)	913 kcs. Toulouse 3 (x)	1190 kcs. HJAN 1 (im)
645 kcs. Lyon la Doua 3	920 kcs. CMIL 3 (eln)	1190 kcs. XELO 3 (k)
(ox)	920 kcs. HJCS 1 (i)	1200 kcs. HJCR 1-2 (m)
650 kcs. 1YA 4 (k)	930 kcs. CMKN 1-2 (ln)	1213 kcs. Lille, Fr. 3 (o)
658 kcs. Cologne 3 (o)	950 kcs. NEG M 1 (b)	1220 kcs. CHAB 3 (c)
690 kcs. XEAC 2-3 (blk)	950 kcs. CMBZ 1-2 (l)	1220 kcs. HJCB 3 (d)
690 kcs. CMQ 1-2.3 (kn)	960 kcs. YV5RA 1 (m)	1220 kcs. XEB 2 (k)
695 kcs. Paris 3 (x)	970 kcs. XEJ 1-3.4 (hk)	1222 kcs. Rome 3 (o)
722 kcs. Holland 3 (o)	970 kcs. CMKU 1-2 (ln)	1250 kcs. CMKC 1-2 (l)
725 kcs. TI4RH 2 (mk)	980 kcs. CMCK 1-2.4	1250 kcs. CMCW 2 (l)
730 kcs. XEO 2 (l)	(eijlkn)	1260 kcs. CMBF 1-2 (l)
730 kcs. XEDP 2 (lk)	990 kcs. XECL 3 (k)	1260 kcs. XEL 3-4 (k)
740 kcs. CMIN 1-2 (ln)	995 kcs. Holland 3 (ox)	1270 kcs. CMJM 1-2 (l)
740 kcs. CMK 2 (ilk)	1000 kcs. CMKW 1-2 (il)	1290 kcs. CMKD 1-2 (l)
758 kcs. Katowice ? 3 (x)	1010 kcs. XEAW 1-2.3.4	1300 kcs. XES 4 (k)
760 kcs. KGU 3.4 (k)	(cdfikmn)	1300 kcs. XEP 3-4 (k)
790 kcs. CMCB 1-2 (l)	1010 kcs. CMX 1-2 (lk)	1320 kcs. WNEL 1 (lk)
790 kcs. YV5RB 1-2 (l)	1040 kcs. HICZ 1 (gm)	133 kcs. CMBG 1-2 (l)
790 kcs. ZNS 1 (l)	1050 kcs. XEG 3-4 (edgjk)	1340 kcs. CMJC 1-2 (l)
790 kcs. London 1 (l)	1060 kcs. CBCM 1-2.3 (mk)	1370 kcs. WPAB 1 (l)
810 kcs. CMYQ 1-2 (lkn)	1070 kcs. LR-1 1 (e)	1370 kcs. XETO 4 (k)
810 kcs. XEFW 1-2 (l)	1090 kcs. XERB 3 (k)	1390 kcs. CMXB 1-2 (l)
830 kcs. XELA 2-3 (i)	1104 kcs. Trinoli 3 (x)	1390 kcs. XEAZ 4 (k)
835 kcs. TIEP 3 (k)	1110 kcs. XEFO 2 (ln)	

(Turn to page 42)

## TRANS-PACIFIC STATIONS

<b>New Zealand</b>				
570	2YA	Wellington	6000	watts
650	1YA	Auckland	10000	watts
690	4YZ	Invercargill	5000	watts
720	3YA	Christchurch	10000	watts
750	2YH	Napier	5000	watts
790	4YA	Dunedin	10000	watts
810	2YB	New Plymouth	100	watts
840	2YC	Wellington	10000	watts
880	1YX	Auckland	150	watts
920	2YN	Nelson	30	watts
940	3ZR	Greymouth	100	watts
990	2YD	Wellington	200	watts
1070	1ZB	Auckland	1000	watts
1130	2ZB	Wellington	1000	watts
1140	4YO	Dunedin	200	watts
1200	3YL	Christchurch	300	watts
1250	1ZM	Auckland	1000	watts
1280	4ZB	Dunedin	1000	watts
1400	2ZA	Palmerton-North	200	watts
1430	3ZB	Christchurch	1000	watts
<b>Australia</b>				
550	2CR	Central Regional, N.S.W.		
560	6WA	Southwest Regional, W.A.		
580	3WV	Western Regional, Vic.		
600	7ZL	Hobart, Tas.		
610	2FC	Sydney, N.S.W.		
620	3AR	Melbourne, Vic.		
630	4QN	North Regional, Qsld.		
640	5CK	North Regional, S.A.		
660	2DU	Dubbo, N.S.W.		
	7BU	Burnie, Tas.		
670	2CO	Riverina Regional, N.S.W.		
680	2HR	Singleton, N.S.W.		
	4AT	xAtherton, Qsld.		
	7QT	Queenstown, Tas.		
690	6WF	Perth, W.A.		
700	2NR	Northern Rivers Regional, N.S.W.		
710	7NT	North Regional, Tas.		
720	6KF	Goldfields Regional, W.A.		
730	5CL	Adelaide, S.A.		
740	2BL	Sydney, N.S.W.		
760	4QS	Darling Downs Reg., Qsld.		
770	3LO	Melbourne, Vic.		
780	2KA	Katoomba, N.S.W.		
	4TO	Townsville, Qsld.		
790	6VN	Perth, W.A.		
	2BH	Broken Hill, N.S.W.		
800	5QG	Brisbane, Qsld.		
810	5RM	Renmark, S.A.		
830	3GI	Gippsland Regional, Vic.		
850	2CY	Canberra, A.C.T.		
860	4GR	Toowoomba, Qsld.		
	7HO	Hobart, Tas.		
870	2GB	Sydney, N.S.W.		
880	3UL	Warragul, Vic.		
	4WK	Warwick, Qsld.		
	6PR	Perth, W.A.		
890	5AN	Adelaide, S.A.		
900	2LM	Lismore, N.S.W.		
	7AD	Devenport, Tas.		
910	4RK	Rockhampton Regional, Qsld.		
920	2XL	Cooma, N.S.W.		
	4VL	Charleville, Qsld.		
930	3TZ	Melbourne, Vic.		
940	4OR	Brisbane, Qsld.		
950	2UE	Sydney, N.S.W.		
960	5DN	Adelaide, S.A.		
970	3BO	Bendigo, Vic.		
	4AY	Ayr, Qsld.		
980	2KH	Kempsey, N.S.W.		
	6AM	Northam, W.A.		
990	2GZ	Orange, N.S.W.		
1000	4MB	Maryborough, Qsld.		
	4CA	Cairns, Qsld.		
	7EX	Launceston, Tas.		
1010	3HA	Hamilton, Vic.		
1020	2KY	Sydney, N.S.W.		
1030	3DB	Melbourne, Vic.		
1040	5PI	Crystal Brook, S.A.		
1050	2CA	Canberra, A.C.T.		
1060	4SB	Kingaroy, Qsld.		
1070	2RG	Griffith, N.S.W.		
	6WB	Katanning, W.A.		
1080	2LT	Lithgow, N.S.W.		
	4RO	Rockhampton, Qsld.		
	2LK	Lubeck, Vic.		
1090	4LG	Longreach, Qsld.		
1100	7LA	Launceston, Tas.		
	2UV	Sydney, N.S.W.		
1110	4BC	Brisbane, Qsld.		
1120	2AD	Armidale, N.S.W.		
1130	3CS	Colac, Vic.		
	6ML	Perth, W.A.		
1140	2HD	Newcastle, N.S.W.		
1150	2WG	Wagga, N.S.W.		
1160	7ZR	Hobart, Tas.		
1170	2NZ	Inverell, N.S.W.		
1180	3KZ	Melbourne, Vic.		
1190	2CH	Sydney, N.S.W.		
1200	5KA	Adelaide, S.A.		
1210	2GF	Griffith, N.S.W.		
	3YB	Warrnambool, Vic.		
	6KG	Kalgoorlie, W.A.		
1220	4AK	Oakey, Qsld.		
1230	2NC	Hunter River Regional, N.S.W.		
1240	3TR	Sale, Vic.		
	6IX	Perth, W.A.		
1260	3SR	Shepparton, Vic.		
1270	2SM	Sydney, N.S.W.		
1280	3AW	Melbourne, Vic.		
1290	4BK	Brisbane, Qsld.		
1300	2TM	Tamworth, N.S.W.		
1310	5AD	Adelaide, S.A.		
1320	3BA	Ballarat, Vic.		
	6PM	Freemantle, W.A.		
1330	3SH	Swan Hill, Vic.		
	4BT	Bundaberg, Qsld.		
1340	2LF	Young, N.S.W.		
	6TZ	Darnanup, W.A.		
1350	3GL	Geelong, Vic.		
1350	4GY	Gympie, 100 w.		
1360	3MA	Mildura, Vic.		
	4PM	Port Moresby, Qsld.		
1370	2MO	Gunnedah, N.S.W.		
	5SE	Mt. Gambier, S.A.		
	6GE	Geraldton, W.A.		
1380	4BH	Brisbane, Qsld.		
1390	2GN	Goulburn, N.S.W.		
	4MK	Mackay, Qsld.		
1400	2PK	Parkes, N.S.W.		
	5AU	Port Augusta, S.A.		
1410	2KO	Newcastle, N.S.W.		
1420	3XY	Melbourne, Vic.		
1430	2WL	Wollongong, N.S.W.		
	6KY	Perth, W.A., 500 w.		
1440	2QN	Deniliquin, N.S.W.		
	4IP	Ipswich, Qsld.		
1450	2MG	Mudgee, N.S.W.		
	7DY	Derby, Tas.		
1460	2CK	Cessnock, N.S.W.		
	5MU	Murray Bridge, S.A.		
1470	2MV	Murwillumbah, N.S.W.		
	3CV	Charleton, Vic.		
1480	2AY	Albury, N.S.W.		
1490	2BE	Bega, N.S.W.		
	4ZR	Roma, Qsld.		
1500	2BS	Bathurst, N.S.W.		
	3AK	Melbourne, Vic.		

SEE ARTICLE ON PAGE 29

ON HOW TO TUNE THESE STATIONS

BCB—Page thirty-five

# Channel Chatter

## STATION NEWS BY FREQUENCIES

Standard Broadcast News of the world compiled by your editors from reader reports and other sources. Reports used in this department earn credit for their senders in our Report-O-Meter. All credit and acknowledgments will be found in the Club Section.

### 540 kcs.

CBK has a program of recorded music every morning until 2 A. M., according to R101 (Ill.).

### 550 kcs.

CMW can be heard under CFNB, and often actually over-riding the latter. Thus reports R605 (Mass.)

### 570 kcs.

CMH1 can be heard under WMCA by R2605 (Mass.)

*2YA is being heard up to R7.*

### 590 kcs.

*JOAK-1 heard R3 about 1:30 A.M.*

### 600 kcs.

WCAO in Baltimore, according to R2462 of that city, is constructing a new 5000 watt transmitter to replace the 500 watt job now in use.

*WJSJ comes on the air at 3:00 A.M. PST, S-5.*

### 610 kcs.

WMUR is on the air at 6:30 A. M. ... WIOD quite often over-rides WDAF at night in Indiana—R2126. ... WIP is heard well after midnight by R2006 (Texas) ...

*WIP heard every Sunday morning at midnight PST, with request program and news at 1:00. Signal S6 to 7.*

*2FC comes in about 2:00 A.M., R5.*

### 620 kcs.

WSUN starts the day at 6:30 A. M. ... WLBZ says "Good Morning" at 7 A. M. ... WAGE announces as Syracuse, but prefers to be listed as Salina (a suburb) according to R2-77 (N. Y.).

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ST. PAUL - MINNEAPOLIS, MINNESOTA, U.S.A.

The News of the Hour on the Hour Station

# WMIN

1120 1270 KC on your dial  
Western Electric Transmitter type J108 250 watt carrier  
Blaw-Knox vertical radiator 500 feet high  
This is to verify your reception of our *News of the Hour* program  
broadcast on *2240* Your report of reception appreciated  
With best wishes WMIN  
W. B. Fetter, Chief Engineer

*Verification from the "News on the Hour" station WMIN. It is red and black on white.*

### 630 kcs.

*4QN heard in parallel with 2FC at 2:00 A.M.*

### 640 kcs.

"Radio Lyons" an 648 gcs. heard once at 5:30 P. M. by R695 (N. J.).

### 650 kcs.

WSM greets its listeners daily at 7 A. M. ....

*1YA broadcasts news (BBC) at 3:00 A.M.*

### 670 kcs.

*2CO can be heard S5 to 6 at 2:30 A.M. EST.*

*4QS heard with good copy at 3:00 A.M., QSA-4, R7.*

### 690 kcs.

KGGF on December 2nd stole the show from CMQ and CBF here with anR9 signal says R2322 (Ill.).

### 700 kcs.

W8XO, WLW's super power big brother, is heard almost every morning now, carrying WLW's 700 Club program of recorded music from 1-2 A. M. ...

TI4NRH is on 725 kcs. They can **830 kcs.**

sometimes be heard (R2327) in between WGN and CKAC, but usually interference is too great to identify anything. . . . HJCU is the Spanish Speaking station behind WGN to D. Staples (Mass.).

*3YA signs off at 3:30 A.M. HJCU was heard through WGN at 5:15 P.M. PST.*

**730 kcs.**

CKAC comes on the air at 6 a. m. and signs off at midnight . . . XEQ is reported taking the place of XEDP on this frequency. R101 reports that he has recently heard a Mexican on that frequency clearly announce as XEDP! What have we here, Radexers, another mystery in Mexico?

**740 kcs.**

KQW in San Jose is the new CBS outlet for northern California. The station replaces KSFO which is no longer affiliated with any network. This from Charles Norton (Calif.)

**750 kcs.**

KMMJ verified for R2126 (Ind.) with a very friendly letter. They seemed surprised that they were heard at that time (6 a.m.) . . . .

**760 kcs.**

WJR in Detroit, according to Carl Silvester, is to be on the air 24 hours a day until further notice. . . London on 767 kcs. heard at 5:15 p.m. on this frequency by Frank B. Lee (N. J.).

**770 kcs.**

WJZ comes on the air at 6:30 a.m. daily.

**790 kcs.**

**790 kcs.**

WEAU, in Eau Claire, Wisconsin is now on this frequency and is carrying NBC programs. . .

*4YA also broadcasts BSC News at 3:00 A.M.*

**800 kcs.**

CHRC is on this frequency using a temporary power of 250 watts, pending the arrival of the station's new 1000 watt transmitter . . .

*JOIK came in almost R9 November 18.*

TIEPheard Christmas morning by R101 (Ill.) with a pretty fair signal and a lot of static . . . XELA is heard until 1 a. m. or later every evening by Koppelon (N. J.) . . .

*JOFK heard with difficulty at 1:30 A.M. Signal S4.*

**860 kcs.**

WSON in Henderson, Ky., took the air officially on December 21st, 1941 . . CFRB wants reports and will verify free if report is correct. . .

**870 kcs.**

London on 877 kcs. heard just once at 5:25 p.m. with R4 signal by R695 (N. J.) HJCC has been heard behind WWL by Milar (Colo.) . . .

*JOAK-2 heard with the best signal they ever had. They interfere with the eastern station when it signs on in the morning.*

**900 kcs.**

CJBR heard by R2327 (Conn.) just after sundown, broadcasting in French. CHML and XEW soon covered them, however. . . To this your editor would like to add that a large number of small station in Quebec Province and the Maritime provinces can be logged just after sunset and sometimes a little before in North-eastern U.S.A. After darkness has set in they are usually drowned under some larger station to the South or West.

**930 kcs.**

WTAD comes in good night — R2126 (Ind.) . . .

*JOBK-2 was heard at 2:00 A.M. and can be copied perfectly. Signal S8.*

**960 kcs.**

YV5RA is an easy SA to log according to R2327 (Conn.) if you like to dig into the mess of QRM on this channel.

**970 kcs.**

CMKU can be heard by R2605 (Mass.) under WCSH evenings. . .

*JOJK has been heard clearly with little difficulty but some interference. Signal S7.*

**980 kcs.**

WHAD in Saginaw, Mich, has not made their appearance on the air at the time of going to press. . . CMCK has a program like XEAW and XEG every morning from 4-6 a.m. They announce as CMCK, Chicago.

*CMCK can be heard perfectly with S9 signal at 2:15 A.M.*

**990 kcs.**

CMCK reported by Pickering (Mass) as announcing as CMCK, Chicago. Al wants to know how come? The answer is simply that CMCK has an English program for American listeners and has an office in Chicago for receiver mail orders for products advertised on the program.

**1005 kcs.**

VOCM on 1005 kcs. in St. John, Nfld. is heard from 5-5:30 p. m. sometimes when conditions are right. This is a difficult station to hear but well worth logging. R695, N. J. reports it.

**1040 kcs.**

HJ CZ is still a good bet to log through or over WHO on this channel in all parts of the East.

**1050 kcs.**

WHN is now using its 50 kw. transmitter with directional antenna. Schedule is from 6.m. to 3 a. m. XEG's schedule is from 5 a.m. to 2 a. m. quite similar. This from R754 (N.Y.) . . .

*KYW is heard on the Coast nightly from 7:00 P.M. Signal S-4.*

**1070 kcs.**

Though Eddie Strakna down Connecticut way reports that CBA is not being received as well in New England as it was before re-allocation. Your editor in Worcester, Mass. can report that here in Worcester we have four locals that can be heard on our small receiver without an antenna. WTAG, WORC, WBZ and CBA. These four stations are the only ones audible with program quality. . . .

KNX occasionally roars in over WI-BC by 8 p.m., according to R2126 — Ind. . .

WIBC has joined the Mutual Broadcasting System (R2406-Tenn.)

**1100 kcs.**

HJCB on 1104 kcs., and XEFO on 1107 kcs. are both sandwiched in between 1100 and 1110 kcs., according to R754 (N.Y.).

*WTAM has a clear channel when KJBS signs off and is heard around 7:00 P.M.*

**1105 kcs.**

WBT is not QRM'd by WMBI any longer in the evening hours, but CM-BY is doing a nice job on them all evening!

**1130 kcs.**

*WCAR can be heard on the Coast at 2:00 A.M. with an S4 signal.*

**1140 kcs.**

WRVA uses the sound of a ticking clock from midnight to 6 a.m. daily on its all night watch for important news and other defense service. Five minute newscasts are heard every hour on the hour. . . XENT will verify if report is correct, according to R2-421 (Ky.) . . . XENT'S verification states that they are using 85000 watts, not 50000 as listed in RADEX. This from Jim Davis (N.Y.).

**1170 kcs.**

XECD in Puebla, Mexico was heard by R101 (Ill.) on Christmas morning with a special program. . . .

**1180 kcs.**

WLDS in Jacksonville, Ill. has a nice letterhead in red and blue, and veri is signed by Edgar Parsons, general manager. The station operates from 6 a.m. to local sunset (CST).

**1190 kcs.**

WCNW, now operating on 1600 kcs., sharing with WWRL will very soon be on this channel with 1000 watts and unlimited time. Shortly they will apply for an increase to 5000

watts. . . All we can say to north-eastern DXers is — get HJAN now while the getting is good!

#### 1200 kcs.

"HJCR, why you don't have to be an expert to log this station in New England." So says R2327 (Conn.). The station over-rides WOAI the greater part of the evening. R2126 (Ind.) heard HJCR until 4:45 a.m. on New Year's morning with a very strong signal, but the static level was very high on that morning making listening poor.

*4AK Oakey is heard R4 in the morning.*

#### 1230 kcs.

WBOC in Salisbury, Md. joined the Mutual Network on December 25th. making that chain's 193rd outlet. . . WBLJ in Dalton, Ga. now operates from 5 a.m. to 11 p.m. according to Long (Ga.).

#### 1240 kcs.

WRAL in Raleigh, N. C. has a picture of the North Carolina state capitol building with notes on same on their verification card. . . WJLS, listed in RADEX as "z" verifies with a rust colored card, according to Brown (R.I.).

#### 1260 kcs.

XEL gives WOL trouble every morning. On Mondays when WOL does not broadcast says R754 (N.Y.), they have their carrier on anyway. . . CMBF is often heard well in the evening.

#### 1280 kcs.

WDSU in New Orleans, La. is located (transmitter) in Gretna, La., Southwest of New Orleans. The signal is directed upstate (Northwest). The tower stands 205 feet high. . . . WOV on this frequency is not as good (Conn.) here as on 1130 kcs. In fact it's goodbye to the 1130 Club with Dick Gilbert, Allen Courtney,

and the rest. This from R2327. . . . KFOX can now be heard pretty well every morning until 2:30 a.m., now that WNEW is not conducting its all night stand on this channel on this frequency. . .

*3UB Dunedin also heard. R4-5.*

#### 1300 kcs.

KGLO is still using 250 watts, according to their verification. . .

#### 1310 kcs.

WDOD stands for World Dynamo of Dixie, according to Long (Ga.) . .

#### 1320 kcs.

WNEL, in San Juan, has a swell signal on its all night stand for late war news. They have, according to R101, one of the best news broadcasting on the air. . .

#### 1340 kcs.

WEIM's DX for NRC was one of those bang up affairs with many prizes and a lot of fun. R2551 (Len Kruse) was the winner of a valuable wrist watch for writing an essay on a topic discussed on the program. . . KMYR's veri is very patriotic in red, white, and blue. . . WINX beats the gun every morning by coming on at 5:59 p.m.

#### 1350 kcs.

4GY the new station in Gympie, Queensland is now on 1350 kcs., using 100 watts. (Cushen, N.Z.). . . Unidentified Spanish speaking station on 1352 kcs. is being heard nightly by R754 (N.Y.). The station is easily separated from the stations on 1350 kcs. . . .

#### 1360 kcs.

WKAT in Florida is heard better in Conn. than WDRG on this frequency according to R2590. . . .

#### 1370 kcs.

KGIR still sends their verification on a sheet of copper. . . KDTH in Dubuque, Iowa has its transmitter 1-4 mile South of East Dubuque, Ill. There are three towers, built for directional broadcasting. The tallest

tower is 370 feet and the two smaller ones are 200 feet each. . .

### 1380 kcs.

KTSM in El Paso, Tex. sends a booklet on the "Sunshine Playground Border" with their verification. . .

### 1400 kcs.

WISE in Asheville, No. Carolina Carolina sends a beautiful colored postal card of a scene in "The Land of the Sky." This station's slogan which is the significance of the call letter is "Wisdom In Service Endures." WJLB again changes schedule according to R754. Now on from 5:15-1:45. . . WHKY comes on the air at 5:30. . .

A station believed to be 6KY is being heard with S9 plus-signals. However there is deep fading making it also impossible to copy.

### 1440 kcs.

KPRO, the new radio voice in Riverside, Calif., took the air on November 15th. The station was logged a few days later by R2551 (Iowa) a few days later at 3 a.m. . . XCDN in Shanghai on this frequency is heard in New Zealand with good strength. The station has been operating for over a year with 1 kw., but has only recently opened its shortwave outlet. The call will shortly be changed to XGDN to comply with international regulations. This from Cushen (N.Z.).

KFJM's schedule is from 3-5 p.m. KIL0 shares time with them. This is from R754 (N.Y.). . .

### 1450 kcs.

WNOE is silent on Monday and Tuesday mornings after 3 a.m. (R7-54-N.Y.). . .

### 1460 kcs.

KEVE is now verifying. They sent Radexer Zell (Oreg.) a letter with a picture of the Cascade Range on it. A copy of the Everett Daily Times bearing a full front page picture of the station and staff was included.

### 1490 kcs.

WMIS in Natchez, Mississippi sends their verification on a folder of this historic American city. P. K. Ewing, Jr., general manager, answers reports from this station. . . WKBB in Dubuque, Iowa has its transmitter located 1-2. . mile West of Dubuque. Their single tower is 260 feet high. WMRC often tests around 2 a.m. according to Koppelon (N.J.) . . . WBTA is listed with a "z" in RADDEX and verifies with a nice post card, as per R2377 (N.Y.).

WOLF is on the air until 2:05 a.m. every morning but Monday according to R754 (N.Y.) . . . WGAL is on both NBC and MBS Networks and comes on the air at 8 a.m., and signs off at midnight, according to R2233 (N.C.).

<b>Warwick, R. I., U. S. A.</b>	
	
George P. Wells, Jr. 23 Carder Rd.	
Radio <u>Over</u>	Sign RST <u>5-9-2</u>
Reporting Reception	Receiver <u>SM Y. RUDDY</u>
On <u>Dec. 12, 1941</u>	Remarks <u>W.D. APPAL</u>
<u>11:30 AM</u> E.S.T.	<u>11:30 PM</u>
On Air <u>Band</u>	<u>ANT. 25' SMALL ENG. FED</u>
MOSEL PRINT	

QSL card of George Wells, Warwick, R. I.

### 1420 kcs.

WWSR broadcast a 15 minute script written by Ernie Cooper of New York on December 8th, but the networks were all-nighting then and spoiled reception. Broadcast was scheduled for a repeat on January 12. The script concerned DX and the National Radio Club. . . XEF has a DX program every Sunday morning from 3:00-5:30 a.m. . .

### 1430 kcs.

6KY in Perth Australia is a new station just opened, and using 500 watts. The station is operated by Peoples Printing and Publishing Co. (Cushen, N.Z.).

2WL heard R6.

**1540 kcs.**

CMBH comes in faintly according to R2327' (Conn.), and is severely QRM'd by a Colombian station believed to be HJFI.

**1550 kcs.**

CKTB had their 11th annual Charity Drive broadcast. Every listener who reported this program received a 79 page booklet entitled "Canada at War"!

**1570 kcs.**

XEAW is very much hurried on this channel now by CFPL. The Mexican station must be using their directional antenna or they have cut their power as signal is now very weak in Northeast.

**1580 kcs.**

CMCJ is believed to be the Cuban R2327 (Conn.), although the station is very difficult to log through a lot of QRM. . . R101 of Illinois reports that CMCJ has been heard requesting reports in English. The station has a broadcast from a Havana nightclub from 8 p.m. to midnight daily.

**1590 kcs.**

WAKR, WALB, and KITE were all heard in a jumble coming in at the same time and over-riding WBRY for R2327 (Conn.) . . . Unidentified Spanish speaking station logged on this channel by R36, Mich. 1 from 2:45-3:00 a.m.

*The Mexican station which has been reported as testing in the early morning hours is XEMC. This station has been actually operating with 200w but is installing its new 5KW plant.*

**LATE FLASHES—BCB**

**NEW station for York, Penn. on 900 kcs. with 1000 watts, daytime only. . .**

**NEW station for Jacksonville, Fla. on 1270 kcs. with 5000 watts, unlimited time. . . KGLO on 1300 kcs., granted permit to increase to 5000 watts. . .**

**SPECIAL—CKTB in St. Catherine, Ont. will have a DX program on February 20th from 11 pm. until 6:45 a.m. on the 21st. The program will be on 1550 kcs. Reports are desired. CKTB verifies on green and ivory card. . . Thanks to James E. Critchett, for a complete listing of network affiliations which enabled us to bring our symbols in our index by frequencies up to date. . . FCC is expected to freeze the present broadcast station assignment as they are for the duration of the war except in urgent cases. This is reason that so many power boosts have been authorized recently. There will be no more of them shortly. Reason: So that firms building transmitters and transmitters equipment may concentrate on defense work.**

---

**SPECIAL SHORTWAVE  
NEWS AND DATA  
MARCH RADEX**

**ORDER NOW  
USE FORM ON PAGE 80**

---

**8**

*Issues of Radex for*

**\$2.00**

**SIMPLY BY CLIPPING COUPON ON PAGE 80**

**ORDER NOW.**

# MONTH'S CHANGES IN STATION DATA

## New

550 .... XEKL Jalapa, V. Cruz, 100 w.  
 560 .... Los Algodones, B. Cfa., 100 w.  
 570 .... Guanajuato, Guan., 100 w.  
 570 .... Navajao, Son., 100 w.  
 726 HP5C Panama City, Panama  
 1010 .... Nogales, Son., Son., 250 w.  
 1240 .... Spencer, Iowa, 250 w.  
 1250 HOQ Panama City, Panama  
 1360 HPC Panama City, Panama  
 1410 .... Concord, N. C., 1000 w.  
 1420 .... Cuernavaca, More., 100 w.

## Power and Frequency

550 from .... KOY, 1000 to 1000(5) w.  
 560 from .... WQAM, 1000 to 1000(5) w.  
 710 from 1400 WFTL, 250 to 1000 w.  
 799 from 1300 WWNY, 500 to 1000 w.  
 860 from .... KTRB, 250 to 1000 w.  
 960 from .... WSBT, 500 to 1000 w.  
 1190 from 1600 WCNW, 250 to 1000 W.  
 1290 from 1400 WHKY, 250 to 1000(5) w.  
 1300 from .... WOOD, 500 to 5000 w.  
 1400 from .... WRRN, ... to 250 w.  
 1440 from .... WSPA, 500 to 5000 w.  
 1450 from .... WMVA, 100(.25) to 250 w.  
 1470 from .... WMBD, 1000 to 5000 w.  
 1490 from 1080 KYOS, no change  
 1490 from .... WERC, 100(.25) to 250 w.  
 1540 from 1010 XEQN, no change

## PANAMA B.C.B. STATIONS

Kcs. Call	Slogan	City
640 HOK,	La Voz de la Victor,	Colon
726 HP5C,	"Radio Miramar",	Panama City
1250 HOQ,	"Radio Nacional",	Panama City
1360 HPC,	"La Voz de Panama",	Panama City
1440 HOC,	"La Voz de Victory",	Panama City

HOK and HOC are both owned by Cadena Panamena de Radiodifusion. Programs are in English as well as Spanish. . . . HOQ and HP5C are daytime stations only and have not been heard locally at night. . . . (Thanks to Corporal Harold J. A. Street of Canal Zone for this date.)

## SA's IN LIST

All South American stations reported by readers this season are now included in our Index by Frequencies along with Venezuela and Columbia stations.

Page forty-two—BCB

## Call Letters

KOBR to Brainerd Minn. (1400)  
 KWON to Bartlesville, Okla. (1400)  
 WHIT to New Bern, N. C. (1450)  
 WINK to Louisville, Ky. (1080)  
 NETS to Tapachua, Chia. (630)

## Location

XENT from Nuevo Laredo, Tamps to Monterrey, N. L.

## BROADCAST MONITORING SCHEDULES CANCELLED

Until further notice, F.C.C. has canceled all monitoring schedules by broadcast stations heretofore maintained after midnight hours for the purpose of checking frequency stability of such stations. This was done in order that full use may be made of broadcast stations for defense purposes. Previously, each station was required to maintain silence during periods after midnight so that frequencies of stations sharing the same channel could be monitored effectively.

## MORE CALLS HEARD

1400 kcs. XEF 4 (k)  
 1410 kcs. CMAQ 2 (l)  
 1420 kcs. CMCQ 2 (l)  
 1440 kcs. XCDN 4 (k)  
 1440 kcs. CMGH 1-2 (l)  
 1460 kcs. CMCG 2 (l)  
 1460 kcs. CMKQ 1 (l)  
 1470 kcs. XESM 3-4 (k)  
 1520 kcs. TGW 1 (b)  
 1540 kcs. CMBH 1-2 (Imk)  
 1550 kcs. XEBG 1-2 (k)  
 1570 kcs. XEAW 1-2-3-4 (ekln)  
 1580 kcs. CMCJ 2 (km)  
 1590 kcs. XEMC 3-4 (k)

## Code

0.—Heard before 6 p.m.  
 1.—Heard between 6-9 p.m.  
 2.—Heard between 9-12 p.m.  
 3.—Heard between 12-3 a.m.  
 4.—Heard between 3-6 a.m.

## Reporters

a—Donald Staples (Mass.)  
 b—Roy Millar (Coo.)  
 c—Len Kruse (Iowa)  
 d—Bryce D. Ping (Ind.)  
 e—Ernest R. Cooper (N.Y.)  
 f—Jim Davis (N.Y.)  
 g—J. Wilburn (Ky.)  
 h—Art Cushen (N.Z.)  
 i—Robert Koppelon (N.J.)  
 j—Al Pickering (Mass.)  
 k—Weston Richards (Ill.)  
 l—Philippe Bates (Pa.)  
 m—Eddie Strakna (Conn.)  
 n—Walter E. Welch (Mass.)  
 o—Bob Brown (Ind.)  
 x—Your Editor (Mass.)

(Turn to page 79)

# American Broadcast Station Index

By frequencies - With names of owners

## KEY TO SYMBOLS

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

As soon as possible after a station has been granted a construction permit to change frequency, power, or other facilities, the change will be made in our listing. Until such time as the station is known to commence use of the new facilities, the letter (P) will designate that the station has a construction permit only. This method, it is believed, will eliminate the possibility of a station making a change before we have had the opportunity to list it.

### Second Column Symbols

- A—Status in doubt.
- B—"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.

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

### 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; verify stamp for 10c.
- z—No information available.
- 1-2-3—Figures denote stations sharing time.
- ?—Reported but not officially confirmed.
- ....—No information.

## 540 kcs. (552.2 m.)

CBK F 50000

## 550 kcs. (545.1 m.)

CFNB	F	1000
CMW	....	2500
KFYR	N	5000
KOAC	....	1000(5)
KOY	C	1000(5)
KSD	R	1000(5)
KTSA	C	1000(5)
WDEV	D	1000
WGR	M	1000(5)
WKRC	M	1000(5)
WSVA	D	1000
XEFU	P	250
XEKL	P	100
XEPX	P	250

## 560 kcs. (535.4 m.)

CJKL	F	1000
CMKM	....	250
KFDM	M	1000
KLZ	C	5000
KPQ	PM	1000
KSFO	C	1000(5)
KWTO	R	1000(5)
WFIL	BM	1000
WGAN	C	5000
WIND	....	5000
WIS	N	5000
WOAM	C	1000(5)
XEOF	....	1000
	P	100

## 570 kcs. (526 m.)

CMHI	O	10000
KGKO	N	5000
KMTR	....	1000
KUTA	N	1000(5)
KVI	C	5000
TI5IJM	....	1500
WKBN	C	5000
WMAM	D	250
WMCA	....	5000
WNAX	CP	5000



a Watrous, Sask., Canadian Brdcastg. Corp.



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



- a Kirkland Lake, Ont., Northern Brdcastg. Co. Ltd.
- a Manzanillo, Cuba, Raimudo Conas Soler.
- a Beaumont, Tex., Beaumont Brdcastg. Corp.
- a Denver, Colo., KLZ Brdcastg. Co.
- a Wenatchee, Wash., West Brdcastg. Co.
- a San Francisco, Calif., Associated Broadcasters, Inc.
- a Springfield, Mo., Ozarks Brdcastg. Co.
- a Philadelphia, Pa., WFIL Brdcastg. Co.
- a Portland, Me., Portland Brdcastg. System, Inc.
- a Gary, Ind., Johnson-Kennedy Radio Corp.
- a Columbia, S. C., Liberty Life Ins. Co.
- a Miami, Fla., Miami Brdcastg. Co.
- a Mexico City, D. F.
- z Los Algodones, B. Cfa.



- a Santa Clara, Cuba, RHC Cadena Azul
- a Fort Worth, Tex., KGKO Brdcastg. Co.
- a Los Angeles, Calif., KMTR Radio Corp.
- a Salt Lake City Utah, Utah Brdcastg. Co.
- a Tacoma, Wash., Puget Sound Brdcastg. Co., Inc.
- g Alajuela, Costa Rica, "Ecos del Poas"
- a Youngstown, Ohio, WKBN Brdcastg. Corp.
- g Marinette, Wis., M and M Brdcastg. Co.
- a New York, N. Y., Knickerbocker Brdcastg Co., Inc.
- a Yankton, S. Dak., WNAX Brdcastg. Co.

## BROADCASTING STATIONS BY FREQUENCIES

WSYR	C	1000
WWNC	C	1000
	P	100
	P	100

### 580 kcs. (516.9 m.)

CKCL	F	1000
CKPR	F	1000
CKUA	F	1000
KMJ	EN	5000
KSAC	2	500(1)
WCHS	C	5000
WDBO	C	5000
WIAC	P	5000
WIBW	C2	5000
WILL	D	5000
WTAG	R	1000(5)
XEMU	....	250(5)

XETH	....	1000
	P	1000

### 590 kcs. (508.2 m.)

CMCY	Ø	15000
KGMB	CM	5000
KHQ	ER	5000
WAGA	BP	5000
WFEI	C	5000
WKZO	C	5000
WMBB	C	1000
WOW	R	5000
XEAZ	P	250(5)
XEHQ	P	300
XEPH	....	5000
YV5RI	B	1000

### 600 kcs. (499.7 m.)

CFCH	BF	500
CFCH	F	1000
CFQC	F	1000
CJOR	....	1000
CKV	O	1000
FMN	609	250
HJFX	....	1000
KFSD	B	5000
KROD	C	500(1)
TIGPH	605	6500
WCAO	C	500(1)
WICC	M	500(1)
WMT	M	5000
WREC	M	5000
WSTB	MN	1000
XEOH	....	1000
XESF	....	250
XEZ	....	2000

### 610 kcs. (491.5 m.)

CHNC	F	1000
CIAT	F	1000
KDAL	C	1000
KFAR	....	1000
KFRC	M	5000
WAYS	B	1000
WCLE	DM	500
WDAF	R	5000
WIOD	N	5000
WIP	M	5000
WMUR	B	1000(5)
WSGN	M	1000
XBRX	....	500
XERJ	....	500

### 620 kcs. (483.6 m.)

CKCK	F	1000
CMJL	....	250
KCW	FR	5000
KTAR	FN	5000
KWFT	CM	1000(5)

a	Syracuse, N. Y., Central New York Brdcastg. Corp
a	Asheville, N. C., Asheville Citizen-Times Co., Inc
z	Guanajuato, Guana.
z	Navojoa, Son.

a	Toronto Ont., Dominion Battery Co., Ltd.
a	Port Arthur, Ont., Dougall Motor Car Co., Ltd.
b	Edmonton, Alta., University of Alberta.
a	Fresno, Calif., McClatchey Brdcastg. Co.
a	Manhattan, Kans., State College of Agriculture
a	Charleston, W. Va., Charleston Brdcastg. Co.
a	Orlando, Fla., Orlando Brdcastg. Co.
z	San Juan, P. Rico, Enrique Abarca Sanfeliz.
a	Topeka, Kans., Topeka Brdcastg. Assn., Inc.
a	Urbana, Ill., University of Illinois.
z	Worcester, Mass., Worcester Telegram Pub. Co., Inc.
a	Piedras Negras, Coah., Radiodifusora de Piedras Negras.
z	Orizaba, V. Cruz
z	Guadalajara, Jalisco

a	Havana, Cuba, RHC-Cadena Azul.
a	Honolulu, T. H., Hawaiian Brdcastg. System, Ltd.
a	Spokane, Wash., Louis Wasmer, Inc.
a	Atlanta, Ga., Liberty Bestg. Corp.
a	Boston, Mass., CBS, Inc.
a	Kalamazoo, Mich., WKZO, Inc.
a	Uniontown, Pa., Fayette Brdcastg. Corp.
a	Omaha, Nebr., Woodmen of the World.
z	Reynosa Tamps., Carlos V. Rodriguez
z	Hermosillo, Son.
z	Mexico City, D. F.
a	Caracas, Venezuela, Suegart y Cia. "Radio Continente"

a	Montreal, P. Q., Canadian Marconi Co.
a	North Bay, Ont. R. H. Thompson
a	Saskatoon, Sask., A. A. Murphy & Sons, Ltd.
a	Vancouver, B. C., CJOR, Ltd.
a	Holguin, Cuba, RHC-Cadena Azul.
z	St. Pierre, Miquelon, "Radio Club St. Pierrais"
z	Manizales, Colombia
a	San Diego, Calif., Airfan Radio Corp., Ltd.
a	El Paso, Tex., Dorrance D. Roderick.
a	San Jose, Costa Rica, "Radio Alma Tica"
a	Baltimore, Md., Monumental Radio Co.
f	Bridgeport, Conn., The Yankee Network, Inc.
a	Cedar Rapids, Iowa, Iowa Brdcastg. Co.
a	Memphis, Tenn., WREC Brdcastg. Service.
z	Winston-Salem, N. C., Piedmont Pub. Co.
z	Torreón, Coah.
z	Morelia, Micho.
z	Merida, Yuc., Jorge L. Palomeque.

a	New Carlisle, P. Q., Gaspesian Radio Co., Ltd.
a	Trail, B. C., Kootenay Brdcastg. Co., Ltd.
a	Duluth, Minn., Red River Bestg. Co., Inc.
a	Fairbanks, Alaska, Midnight Sun Brdcastg. Co.
b	San Francisco, Calif., Don Lee Brdcastg. System.
z	Charlotte, N. C., Inter-City Advertising Co.
a	Cleveland, Ohio, United Brdcastg. Co.
a	Kansas City, Mo., Kansas City Star Co.
a	Miami, Fla., Isle of Dreams Brdcastg. Corp.
a	Philadelphia, Pa., Pa. Brdcastg. Co.
z	Manchester, N. H., Radio Voice of N. H., Inc.
a	Birmingham, Ala., Birmingham News Co.
z	Sabinas, Coah., Benito Garza Ortegón.
z	Mazatlan, Sin., Oscar Perez E.

a	Regina, Sask., Leader-Post, Ltd.
a	Camaguey, Cuba, Jones, Castrillon y Cia.
a	Portland, Ore., Oregonian Pub. Co.
a	Phoenix, Ariz., KTAR Brdcastg. Co.
a	Wichita Falls, Tex., Wichita Brdcastg. Co.

## BROADCASTING STATIONS BY FREQUENCIES

TIPG	625	5000
WAGE	M	1000
WHJB	D	250
WKAO	C	5000
WLBZ	MN	500(1)
WROL	N	500(1)
WSUN	N	5000
WTMJ	N	5000
XENK	....	5000

### 630 kcs. (475.9 m.)

CFCO	F	100
CFCY	F	1000
CJRC	F	1000
CKOV	F	1000
CMZ	....	5000
KGFX	D	200
KOH	N	1000
KVOD	B	5000
KXOK	B	5000
WMAL	B	5000
WPRO	C	5000
XEFB	....	500
YETS	....	100
YSS	638	500

### 640 kcs. (468.5 m.)

HOK	....	250
KFI	R	50000
VONF	....	12500
WHKC	LM	500
WNAD	D	1000
WOI	D	5000

### 650 kcs. (461.3 m.)

CX6	....	10000
WSM	N	50000
TIBAS	655	8000

### 660 kcs. (454.3 m.)

KOWH	BD	500
KSKY	D	1000
WEAF	R	50000
XEBZ	....	500
YNPH	....	600

### 670 kcs. (447.5 m.)

WMAQ	R	50000
------	---	-------

### 680 kcs. (440.9 m.)

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

### 690 kcs. (434.5 m.)

CBF	N	50000
CMQ	N	15000(25)
KGGF	M	500(1)
TIGH	....	2000
NEAC	....	5000
XEN	....	5000

### 700 kcs. (428.3 m.)

VOWR	....	500
WLW	KN	50000

### 710 kcs. (422.3 m.)

KIRO	C	50000
KMPC	C	10000

b	San Jose, Costa Rica, "La Voz de la Victor"
a	Syracuse, N. Y., Seantinel Brdcastg. Corp.
a	Greensburg, Pa., Pittsburgh Radio Supply House.
a	San Juan, Puerto Rico, Radio Corp. of Puerto Rico.
a	Bangor, Maine, Maine Brdcastg. Co.
a	Knoxville, Tenn., Stuart Brdcastg. Corp.
a	St. Petersburg, Fla., City of S. P.
a	Milwaukee, Wis., The Journal Co.
z	Mexico City, D. F.

a	Chatham, Ont., John Beardall.
a	Charlottetown, P. E. I., Island Radio Brdcastg. Co.
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	Tapachula, Chiapas
a	San Salvador, El Salvador.

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	Montevideo, Uruguay
a	Nashville, Tenn., National Life & Accident Ins Co.
z	San Juan de Tibas, C. R., "Estacion Tibas"

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

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.
z	Lawrence, Mass., Hildreth & Rogers Co.
a	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.
a	Coffeyville, Kans., Hugh J. Powell.
b	San Jose, Costa Rica, "La V. de America Latina"
a	Tijuana, B. Cia., 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.

## BROADCASTING STATIONS BY FREQUENCIES

WFTL ..... 10000  
WOR KM 50000

### 720 kcs. (416.4 m.)

HJCU ..... 5000  
HP5C ..... D  
TI4NRH 725 750  
WGN KM 50000  
YV5RH ..... 1000

### 730 kcs. (410.7 m.)

CKAC C 5000  
TIMC 753 700  
XEQ ..... 150000

### 740 kcs. (405.2 m.)

CBL FN 50000  
CMJN O 1000  
CMK ..... 250  
KTRH C 5000

### 750 kcs. (399.8 m.)

KMMJ L 1000  
KXL P 10000  
TIVP ..... 500  
WHEB L 1000  
WSB R 50000

### 760 kcs. (394.5 m.)

KGU LN 2500  
WJR C 50000

### 770 Kcs. (389.4 m.)

KOB N 50000  
KXA L 1000  
TILJ 775 450  
WCAL 2D 5000  
WEW D 1000  
WIZ S 50000  
WLB 2D 5000

### 780 kcs. (384.4 m.)

KFAB CS 10000  
WBBM CS 50000  
YSP ..... 115

### 790 kcs. (379.5 m.)

CKSO F 1000  
CMBC ..... 1000(5)  
KECA B 5000  
KFOD G 250  
KGHL EN 5000  
KVOS PM 1000  
WEAN M 5000  
WEAU ..... 250(5)  
WMC R 5000  
WPIC D 1000  
WPRR ..... 1000(2.5)  
WTAR N 5000  
WWNY P 1000  
XEDF ..... 500  
XERC ..... 1000  
YV5RB ..... 10000  
ZNS ..... 1000

### 800 kcs. (374.8 m.)

CHRC P 1000  
CKLW FM 5000  
CMKJ P 1000  
TIGPH2 (1) 3000  
TIXD (1) 1000  
XESK P 150000

a Ft. Landerdale, Fla., Tom M. Bryan  
a New York, N. Y., Bamberger Brdcastg. Service.

z Bogota, Colombia, "Radio Cristal"  
z Panama City, Pan. "Radio Miramar"  
f Heredia Costa Rica, "La V. del Comercio"  
b Chicago, Ill., WGN, Inc.  
z Caracas, Venezuela, "La V. de la Patria"

a Montreal, P. Q., La Presse Pub. Co., Ltd.  
z Cartago, Costa Rica, "Radio Caribe"  
a Mexico City, D. F., Depto. de Publicidad y Propaganda.

a Toronto, Ont., CBC.  
a Camaguey, Cuba, RHC Cadena Azul.  
a Havana, Cuba, Radiodifusion O'Shea.  
a Houston, Texas, KTRH Bestg. Corp.

a Grand Island, Nebr., KMMJ, Inc.  
b Portland, Oreg., KXL Brctrs.  
z San Jose, Costa Rica, "La Voz del Pueblo."  
a Portsmouth, N. H., Granite State Brdcastg. Corp.  
a Atlanta, Ga., Atlanta Journal Co.

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

a Albuquerque, N. Mex. Albuquerque Bestg. Co.  
a Seattle, Wash., American Radio Telephone Co.  
z San Jose, Costa Rica, "Radio San Jose"  
a Northfield, Minn., St. Olaf College.  
a St. Louis, Mo., St. Louis University.  
a New York, N. Y., NBC, Inc.  
a Minneapolis, Minn., University of Minn.

a Lincoln, Nebr., KFAB Brdcastg. Co.  
a Chicago, Ill., Columbia Brdcastg. System.  
z San Salvador, El Salvador

a Sudbury, Ont., Sudbury Star.  
a Havana, Cuba, El Progreso Cubano.  
a Los Angeles, Calif., Earle C. Anthony, Inc.  
c Anchorage, Alaska, Anchorage Radio Club, Inc.  
a Billings, Mont., Northwestern Auto Sup. Co., Inc.  
a Bellingham, Wash., KVOS, Inc.  
a Providence, R. I., The Yankee Network, Incc.  
a Eau Claire, Wis., Central Brdcastg. Corp.  
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 Watertown, N. Y., The Brockway Co.  
z Nuevo Laredo, Tams.  
z Mexico City, D. F., Carlos Dragome Narro.  
a Caracas, Venezuela, Degwitz & Siblitz.  
d Nassau, Bahamas, Supt. of Telegraphs.

a Quebec, P. Q., CHRC, Inc. (using only 250 w.)  
a Windsor, Ont., Western Ont. Brdcastg. Co.  
z Holguin, Cuba.  
z San Jose, Costa Rica, "Nueva Alma Tica"  
z San Jose, Costa Rica  
z Juarez, Chih.

## BROADCASTING STATIONS BY FREQUENCIES

### 810 kcs. (370.2 m.)

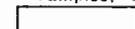
CMHQ	....	5000
HJCI	....	2500
KGO	B	7500
KOAM	DN	1000
WGY	R	50000
XEFW	.....	50000.



- a Santa Clara, Cuba, T. Rio Leon.
- z Bogota, Colombia, "La V. de la Victor"
- a San Francisco, Calif., NBC.
- a Pittsburg, Kans., Pittsburg Brdcastg. Co., Inc.
- a Schenectady, N. Y., Gen. Electric Co.
- a Tampico, Tams., Flores y Martinez.

### 820 kcs. (365.6 m.)

WAIT	.....	5000
WBAP	ENa	50000
WFAA	ENa	50000
WOSU	....	5000
WTBO	L	250



- a Chicago, Ill., WCBD, Inc.
- a Fort Worth, Tex., Carter Publications, Inc.
- a Dallas, Tex., A. H. Belo Corp.
- a Columbus, Ohio, Ohio State Univ.
- a Cumberland, Md., Associated Brdcastg. Corp.

### 830 kcs. (361.2 m.)

LR5	....	29000
CMAX	D	250
TIEP	835	3000
WCCO	C	50000
WNYC	L	1000
XELA	....	1000



- z Buenos Aires, Argentina, "Radio Excelsior"
- 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.

### 840 kcs. (356.9 m.)

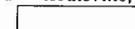
WHAS	C	50000
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- a Louisville, Ky., Courier-Journal and Louisville Times

### 850 kcs. (352.7 m.)

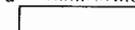
CX16	....	10000
KFUO	L	5000
KOA	R	50000
OAX4A	(854)	12000
WFEU	DN	1000
WHDH	L	1000
WRUF	LM	5000



- z Montevideo, Uruguay, "Radio Carve"
- a Clayton, Mo., Evangelical Luthern Synod of Mo.
- a Denver, Colo., NBC, Inc.
- a Lima, Peru, "Radio Nacional"
- 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
CMRL	....	5000
KTRB	D	1000
WSON	....	250
XFMO	....	5000
KEUN	....	500



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

### 870 kcs. (344.6 m.)

HJCC	....	5000
NIEV	D	250
LR6	....	26000
WHCU	CL	1000
WKAR	D	5000
WWL	C	50000



- z Bogota, Colombia, "La V. de Bogota"
- a Glendale, Calif., Cannon Sys. Ltd.
- z Buenos Aires, Arg., "Radio Mitre"
- a Ithaca, N. Y., Cornell University.
- a E. Lansing, Mich., Mich. State College.
- a New Orleans, La., Loyola University.

### 880 kcs. (340.7 m.)

TILS	....	5000
WABC	C	50000
WHB	DM	1000
YV5RQ	882	1000



- z San Jose, Costa Rica "Para Ti"
- 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.)

CX18	....	10000
WENR	Ba	50000
WLS	Ba	50000



- z Montevideo, Uruguay, "Radio Sport"
- c Chicago, Ill., NBC, Inc.
- a Chicago, Ill., Agricultural Brdcastg. Co.

### 900 kcs. (333.1 m.)

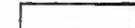
CHML	F	1000
CJBR	F	1000
CKBI	F	1000
CKMS	....	250
KLCN	PD	1000
XEW	....	100000



- 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 Blytheville, Ark., Fred O. Grimwood
- a Mexico City, D. F., Cadena Radiodifusora Mexicana.

### 910 kcs. (329.6 m.)

.....	P	1000
CBO	F	1000
CFJC	....	1000



- z Antigonish, N. S.
- a Ottawa, Ont., CBC.
- a Kamloops, B. C., Kamloops Sentinel Ltd.

## BROADCASTING STATIONS BY FREQUENCIES

CMCF	....	5000	a	Havana, Cuba, Cadena Azul.
KFKA	M2	1000	a	Greeley, Colo., Mid-Western Radio Corp.
KLX	....	1000	a	Oakland, Calif., Tribune Bldg. Co.
KPOF	2	1000	a	Denver, Colo., Pillar of Fire.
KRRV	M	1000	a	Sherman, Tex., Red River Valley Brcdstg. Corp.
KVAN	DP	500	a	Vancouver, Wash., Vancouver Radio Corp.
LR2	....	12000	z	Buenos Aires, Argentina, "Radio Argentina".
WCOC	C	1000	a	Meridian, Miss., Miss. Brcdstg. Co., Inc.
WDFD	B	1000	a	Flint, Mich., Flint Brcdstg. Co.
WGBI	C3	500(1)	f	Scranton, Pa., Scranton Broadcasters, Inc.
WJHL	B	1000	a	Johnson City, Tenn., WJHL, Inc.
WQAN	3	500(1)	a	Scranton, Pa., Scranton Times.
WRNL	DM	5000	a	Richmond, Va., Richmond Radio Corp.
WSUI	....	1000(5)	a	Iowa City, Iowa, State University of Iowa.
XEAO	....	250	a	Mexicali, B. Cfa., Chavez y Castro Sucs.

### 920 kcs. (325.9 m.)



CKNX	....	1000	a	Wingham, Ont., Wingham Radio Club.
CMJK	....	5000	z	Camaguey, Cuba, Gaspar Estevez P.
HJCS	....	50000	z	Bogota, Colombia, "Radio Continental"
KARK	N	5000	z	Little Rock, Ark., Ark. Radio & Equipment Co.
KFNF	2	500(1)	a	Shenandoah, Iowa, KFNF, Inc.
KFPY	C	5000	a	Spokane, Wash., Symons Brcdstg. Co.
KFXJ	MP	500(1)	a	Grand Jct., Colo., Western Slope Bcstg. Co.
KUSD	2	500	a	Vermillion, S. Dak., University of S. Dak.
TIRS	....	400	z	San Jose, Costa Rica, "Radio Athenea"
WBAA	....	1000(5)	a	W. Lafayette, Ind., Purdue University.
WBBS	DM	1000	z	Burlington, N. C. Alamance Brcdstg. Co. Inc.
WGST	C	1000(5)	a	Atlanta, Ga., Georgia School of Tech.
WJAR	R	5000	a	Providence, R. I., Outlet Co.
WMMN	C	5000	a	Fairmont, W. Va., Monongahela Valley Brcdstg. Co.
WTMM	P	1000	z	Trenton, N. J., Trent Brcst. Co.
XEBH	....	1000	a	Hermosillo, Son., Carlos Balderrama.
XEJZ	P	100	z	Torreón, Coah.
XEMJ	....	200	z	Piedras Negras
YNLG	....	1000	z	Managua, Nicaragua, Reuben Dario

### 930 kcs. (322.4 m.)



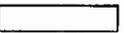
CICA	F	1000	a	Edmonton, Alta., North Western Publishers, Ltd.
CMKN	O	1000	a	Santiago de Cuba, RHC-Cadena Azul.
KGBU	....	500	a	Ketchikan, Alas., Alaska Radio & Service Co., Inc.
KHI	M	5000	a	Los Angeles, Calif., Don Lee Brcdstg. Sys.
KSEI	N	250(1)	a	Pocatello, Idaho, Radio Service Corp.
TIOS	937	500	z	San Jose, Costa Rica, "Radio Titania"
WBEN	R	5000	a	Buffalo, N. Y., WBEN, Inc.
WFMD	....	500	a	Frederick, Md., The Monocacy Brcdstg. Co.
WJAX	N	1000(5)	a	Jacksonville, Fla., City of Jacksonville.
WKY	N	5000	a	Oklahoma City, Okla., WKY Radiophone Co.
WLRL	D	5000	a	Stevens Point Wis., State of Wis.
WPAT	D	1000	a	Paterson, N. J., North Jersey Brcdstg. Co., Inc.
WSAZ	....	1000	a	Huntington, W. Va., WSAZ, Inc.
WTAD	C	1000	a	Quincy Ill., Ill. Brcdstg. Corp.
	P	1000	z	Washington, N. C., Tar Heel Bcstg. Co.

### 940 kcs. (319 m.)



CBM	FR	5000	a	Montreal, P. Q., CBC.
KTKC	MP	5000	f	Visalia, Calif., Tulare-Kings Counties R. A.
WMAZ	CL	1000(5)	a	Macon, Ga., Southeastern Brcdst. Co., Inc.
XEDF	....	50000	a	Mexico City, D. F., Radio Panamericana. (740 kcs?)

### 950 kcs. (315.6 m.)



CKNB	F	1000	a	Campbellton, N. B., Charles Houde
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 F. O'Fallon.
KOMO	ER	5000	a	Seattle, Wash., Fishers Blend Station, Inc.
KPRC	ER	5000	a	Houston, Tex., Houston Printing Corp.
LR3	....	50000	z	Buenos Aires, Arg., "Radio Belgrano"
VOAR	....	25	z	St. Johns, Newfoundland
WAAF	D	1000	z	Chicago, Ill., Drivers Journal Pub. Co.
WORL	D	1000	a	Boston, Mass., Brcdstg. Serv. Organization, Inc.
WPEN	....	5000	a	Philadelphia, Pa., Wm. Penn Brcdstg. Co.
WSPA	C	5000	a	Spartanburg, S. C., Spartanburg Adv. Co.
WWI	R	5000	a	Detroit, Mich., Evening News Ass'n.
XEGM	....	1000(2.5)	z	Tijuana, B. Cfa.

## BROADCASTING STATIONS BY FREQUENCIES

### 960 kcs. (312.3 m.)

CFAC	F	1000
CHNS	F	1000
CKWS	P	1000
CMHN	E	1000
KMA	BM	1000(5)
KROW	...	5000
WBRC	R	5000
WDBJ	C	5000
WELI	M	250(.5)
WSBT	C	1000
XEFE	....	1000
XEHK	....	250
XEOP	....	500
XEU	....	500
YV5RA	....	10000

a	Calgary, Alta., South Western Publishers, Ltd.
a	Halifax, N. S., Maritime Brdctg. Co., Ltd.
z	Kingston, Ont. Kingston Whig Standard
a	Santa Clara, Cuba, Cadena Radio Habana.
a	Shenandoah, Iowa, May Brdctg. Co.
a	Oakland, Calif., Educational Brdctg. Corp.
a	Birmingham, Ala., Birmingham Brdctg. Co., Inc.
a	Roanoke, Va., Times World Corp.
a	New Haven, Conn., City Brdctg. Corp.
a	South Bend, Ind., South Bend Tribune.
a	Nuevo Laredo, Tam., Rafael T. Carranza.
z	Guadalajara, Jal.
z	Hermosillo, Son.
a	Veracruz, Ver. C., Fernando Pazos S.
b	Caracas, Venezuela, "Radio Caracas"

### 970 kcs. (309.1 m.)

CMKU	E	5000
HJCM	....	250
KOIN	C	5000
TIRH	....	500
WAAT	....	1000
WAVE	N	5000
WCSH	R	5000
WDAY	N	5000
WFLA	R	1000(5)
WHA	D	5000
WICA	D	1000
XET	....	5000
XFK	....	500
XEO	....	750

a	Santiago de Cuba, Circuito CMQ
z	Bogota, Colombia, "Nueva Granada"
a	Portland, Ore., KOIN, Inc.
z	San Jose', Costa Rica, "Radio El Mundo"
a	Jersey City, N. J., Bremer Brdctg. Corp.
a	Louisville, Ky., WAVE, Inc.
a	Portland, Maine, Congress Square Hotel Co.
a	Fargo, N. Dak., WDAY, Inc.
a	Tampa, Fla., The Tribune Co.
a	Madison, Wis., University of Wis.
a	Ashtabula, Ohio, WICA, Inc.
a	Juarez, Chih. Pedro Menesez, Jr.
a	Mexico City, D. F., Arturo Martinez.
z	Matamoros, Tam.

### 980 kcs. (306 m.)

CBV	F	1000
CJRM	F	1000
CKWX	F	1000
CMCK	....	5000
KFWB	E	5000
KMBC	C	5000
WGBC	PD	1000
WHAL	DP	500
WRC	R	5000
WSIX	MP	5000
WTRY	B	1000
XECA	....	1000
XEFQ	....	500
XEXT	....	1000
XEY	P	500
YV2RB	....	500

a	Quebec, P. Q., CBC.
a	Regina, Sask., Transcanada Comm., Ltd.
a	Vancouver, B. C., Western Brdctg. Co., Ltd.
a	Havana, Cuba, Luis Casa R.
a	Los Angeles, Calif., Warner Bros. Brdctg. Corp.
z	Kansas City, Mo., Midland Brdctg. Co.
a	Greensboro, N. C., Greensboro Bcstg. Co.
z	Saginaw, Mich., Gross and Shields.
a	Washington, D. C., NBC, Inc.
a	Nashville, Tenn., WSIX, Inc.
Ba	Troy, N. Y., Troy Brdctg. Co., Inc.
z	Tampico, Tamps., Nicolas M. Picet
z	Cananea, Son., Pedro L. Diaz.
z	Tepec, Nav., Gobierno del Estado de Nayarit.
z	Nogales, Son.
b	San Cristobal, "La V. del Tachira"

### 990 kcs. (302.8 m.)

CKY	F	15000
CMHT	....	250
WIBG	....	10000
WNOX	....	1000
XECL	....	5000
XET	....	5000

a	Winnipeg, Man., Man. Telephone Sys.
a	Trinidad, Cuba, Fernando E. Sato del Valle.
a	Philadelphia, Pa., Seaboard Radio Brdctg. Corp.
a	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	B	50000
TIFA	....	250
VOCM	(1005)	250
WCFL	N	10000
WINS	....	50000
XEOY	....	10000

a	Santiago de Cuba, Claudio Alvarez Soriano.
a	Seattle, Wash., Fishers Blend Station, Inc.
z	San Jose, Costa Rica, "La V. de Italia"
z	St. Johns, Newfoundland.
a	Chicago, Ill., Chicago Federation of Labor.
a	New York, N. Y., Hearst Radio, Inc.
z	Mexico City, D. F.

### 1010 kcs. (296.9 m.)

CBY	F	1000
CFNC	F	10000
CMX	....	25000
KQW	C	1000
XEAW	....	50000
XEJB	....	5000
YV5RG	....	1000
	P	250

a	Toronto, Ont., CBC.
a	Calgary, Alta., Voice of the Prairies, Ltd.
a	Havana, Cuba, Casa Lavin.
a	San Jose, Calif., Pacific Agricult. Found.
z	Reynosa, Tamps.
z	Guadalajara, Jal.
b	Caracas, Ven., "Emisoras Unidas."
z	Nogales, Sonora

## BROADCASTING STATIONS BY FREQUENCIES

### 1020 kcs. (293.9 m.)

KDKA	R	50000
KFVD	....	1000

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

### 1030 kcs. (291.1 m.)

WBZ	BS	50000
WBZA	BS	1000

a [ ] Boston, Mass., Westinghouse Radio Stations, Inc.  
a Springfield, Mass., Westinghouse Radio Sta., Inc.

### 1040 kcs. (288.3 m.)

HJ CZ	....	2500
TISMG	1045	500
WHO	R	50000
W9XC	....	150000

z [ ] Bogota, Colombia, "La V. de Colombia"  
z San Jose Costa Rica, "La Voz del Hogar"  
a Des Moines, Iowa, Central Brdcastg. Co.  
z Mitchellville, Iowa, Central Brdcastg. Co.

### 1050 kcs. (285.5 m.)

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

z [ ] Victoria, 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.)

CJOC	PF	1000
CMCM	....	250
CMJA	....	250
HJCG	....	500
KYW	R	50000
XEST	....	50000

a [ ] Lethbridge, Alta., H. R. Corson, Ltd.  
a Havana, Cuba., Transradio Columbia  
a Camaguey, Cuba, Rafael Valdes  
z Bogota, Colombia, "Radio Santa Fe"  
a Philadelphia, Pa., Westinghouse Radio, Inc.  
z Mexico City, D. F.

### 1070 kcs. (280.2 m.)

CBA	F	50000
KFBI	M	1000(5)
KNX	C	50000
LR1	....	50000
TINBC	P	5000
WIBC	M	1000(5)

a [ ] Sackville, N. B., Canadian Brdcastg. Corp.  
a Wichita, Kans., Farmers & Bankers Brdcastg. Corp.  
a Los Angeles, Calif., Columbia Brdcastg. System, Inc.  
z Buenos Aires, Arg., "Radio El Mundo"  
z San Jose, Costa Rica  
a Indianapolis, Ind., Ind. Brdcastg. Corp.

### 1080 kcs. (277.6 m.)

HHK	....	25000
HJAH	....	500
KRLD	C	50000
KWJJ	P	1000
WCAZ	D	250
W1NK	P	1000(5)
W1RC	RY	50000
YV6RE	....	250

z [ ] Port-au-Prince, Haiti  
z Barranquilla, Colombia, "Emisora Atlantico."  
a Dallas, Tex., KRLD Radio Corp.  
a Portland, Ore., KWJJ Broadcast Co., Inc.  
a Carthage, Ill., Superior Brdcastg. Service, Inc.  
z Louisville, Ky., Mid-America Bcastg. Corp.  
z Hartford, Conn., Travelers Brdcastg. Service Corp.  
a Barcelona, Venez., "Ondas del Neveri."

### 1090 kcs. (275.1 m.)

CMKX	....	250
H1N	....	150
HJEE	....	250
KEVR	P	250
KTHS	N	5000(10)
WBAL	R	50000
WTAG	L	1000
XEHR	....	250
XERB	....	50000

z [ ] Banes, Cuba, Oscar Vidal Benitez  
z Trujillo, D. R., J. M. Bonetti Burgos.  
z Cali, Colombia, "Radio Cali."  
a Seattle, Wash., Evergreen Brdcastg. Corp.  
a Hot Springs, Ark., Chamber of Commerce  
a Baltimore, Md., WBAL Brdcastg. Co.  
a Norfolk, Nebr., Norfolk Daily News  
a Puebla, Pue.  
a Rosarito, B. Cfa., (Box 508, San Diego, Calif.)

### 1100 kcs. (272.6 m.)

HJCB	1105	2000
K1RS	L	500
WTAM	R	50000

z [ ] Bogota, Colombia, "Nueva Granada."  
a San Francisco Calif., Julius Brunton & Sons Co.,  
a Cleveland, Ohio, NBC, Inc.

### 1110 kcs. (270.1 m.)

CMRY	D	250
WBT	C	50000
WMBI	L	5000
XEFO	....	20000
KPAS	P	10000
XELO	P	50000

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

## BROADCASTING STATIONS BY FREQUENCIES

### 1120 kcs. (267.7 m.)

KMOX	C	5000
YV1RF	....	350



a Sr. Louis, Mo., CBS  
a Maracaibo, Venez., "Ondas del Lago."

### 1130 kcs. (265.3 m.)

CBR	F	5000
CMKH	....	250
HJGE	....	350
KGDM	DM	1000
KWKH	C	5000
WCAR	D	1000
WDGY	L	500(5)
WNEW	....	1000



a Vancouver, B. C., Canadian Brdcastg. Corp.  
z Guantanamo, Cuba  
z Bucaramanga, Colombia "R. Bucaramanga."  
f Stockton, Calif., E. F. Pepper  
a Shreveport, La., International Brdcastg. Corp.  
a Pontiac, Mich., Pontiac Brdcastg. Co.  
a Minneapolis, Minn., Dr. Geo. W. Young  
a New York, N. Y., Greater N. Y. Brdcastg. Corp.

### 1140 kcs. (263 m.)

HJBJ	....	500
KSOO	LN	5000
WRVA	CM	50000
XENT	....	50000



z Santa Marta, Colombia, "La V. de S. M."  
z Sioux Falls, S. Dak., S. F. Broadcast Ass'n.  
a Richmond, Va., Larus & Bros. Co., Inc.  
a Monterrey, N. L.

### 1150 kcs. (260.7 m.)

CHSJ	F	1000
CKOC	F	500(1)
CKX	F	1000
CMBO	....	1000(5)
HJDT	....	400
HJEB	....	500



a St. Jolin, N. B., N. B. Brdcastg. Co.  
a Hamilton, Ont., Wentworth Radio Brdcastg. Co., Ltd.  
a Brandon, Man., Man. Telephone Sys.  
a Havana, Cuba, Ideas Pazos  
z Medellin, Colombia, "Radio Nutibara."  
z Cali, Colombia, "La V. de Valle."  
a Los Angeles, Calif., Echo Park Evangelistic Ass'n  
a Los Angeles, Calif., Radio Broadcasters, Inc.  
a Seattle, Wash., Radio Sales Corp.  
z Salina, Kans., KSAL, Inc.  
a Lawton, Okla., W. Carver and B. Ross.  
z Austin, Texas, State Capitol Brdcastg. Assn.  
a San Jose, Costa Rica, "Radio Universal"  
a Chattanooga, Tenn., W. A. Patterson  
a Boston, Mass., Mass. Brdcastg. Corp.  
a Wilmington, Del.  
a Milwaukee, Wis., Hearst Radio, Inc.  
a Baton Rouge, La., B. R. Brdcastg. Co., Inc.  
a New Kensington, Pa., Alleghany-Kiski Brdcastg. Co.  
a College Station, Tex., Agricultural & Mech. College  
z Mexico City, D. F., Salvador Monterrubio  
z Tepatitlan, Jalisco  
z Maracay Venez., "Radio Marconi."  
z Maracaibo Venez., "Radiodifusora Maracaibo."

### 1160 kcs. (285.5 m.)

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



z Bogota, Colombia, "La V. de S. America."  
a Salt Lake City, Utah, Radio Serv. Corp.  
a Chicago, Ill., WJJD, Inc.  
a Caracas, Venez., "Radio Tropical."

### 1170 kcs. (250.3 m.)

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



a Tulsa, Okla., Southwestern Sales Corp.  
a Birmingham, Ala., Voice of Ala.  
a Wheeling, W. Va., W. V. Brdcastg. Corp.  
a Puebla, Pue., Ricardo Vazquez

### 1180 kcs. (254.1 m.)

WHAM	N	50000
WLDS	....	250



a Rochester, N. Y., Stromberg-Carlson Mfg. Co.  
z Jacksonville, Ill.

### 1190 kcs. (252 m.)

CMCU	....	250
HJAN	....	1000
KEX	B	50000
WCNW	P	1000
WOWO	B	50000
.....	P	50000
XELO	....	50000



a Havana, Cuba, Jorge Garcia Serra  
z Barranquilla, Colombia, "La V. de Victor."  
a Portland, Ore., Oregonian Pub. Co.  
a Brooklyn, N. Y., Arthur Faske  
z Fort Wayne, Ind., Westinghouse Radio Stations, Inc.  
a Tiajuana, B. C.  
z Tiajuana, B. C. (Will move to 1110 kcs.)

### 1200 kcs. (249.9 m.)

HJCR	....	50000
IIRCC	....	500
WOAI	EN	50000



z Bogota, Colombia, "Emisora Nacional."  
z San Jose, Costa Rica, "Accion Catolica"  
a San Antonio, Tex., Southland Industries, Inc.

## BROADCASTING STATIONS BY FREQUENCIES

### 1210 kcs. (247.8 m.)

HJAM	.....	250
KLRA	CP	5000
WCAU	C	50000

- z Monteria, Colombia, "Ondas del Sinu."
- a Little Rock, Ark., Arkansas Brdsg. Corp.
- a Philadelphia, Pa., WCAU Brdsg. Co.

### 1220 kcs. (245.8 m.)

CHAB	F	1000
CMKO	.....	250
HJCE	.....	1000
TIEP2	1225	1000
WGNV	.....	1000
XEB	.....	100000

- a Moose Jaw, Sask., CHAB, Ltd.
- a Holguin, Cuba, Manuel Angula Farran
- z Bogota, Colombia, "Ondas Bogotanas."
- b San Jose, Costa Rica, "Radio Libertad"
- a Newburg, N. Y., WGNV Brdsg. Co., Inc.
- a Mexico City, D. F., El Buen Tono, S. A.

### 1230 kcs. (243.8 m.)

CHGB	F	250
CJCI	F	100
CKVD	.....	100
CMCO	..... 2	250
CMCW	..... 2	250
CMJE	.....	250
HHV	.....	100
KADA	BEM	250
KAST	.....	250
KBTM	M	100(.25)
KELO	N	250
KFDA	M	250
KFIO	P	250
KFJB	.....	250
KFUN	P	250
KFXD	.....	250
KGDE	M	100(.25)
KGEK	G	100
KGFI	.....	100
KGHI	M	250
KHAS	.....	250
KHBC	CM	250
KMLB	.....	250
KODL	.....	100(.25)
KOOS	M	250
KPHO	.....	250
KPOW	.....	250
KRLH	.....	250
KSUN	C	250
KVCV	M	250
KVEC	M	250
KVNU	.....	250
KWG	B	100
KWNO	M	250
KYSM	EN	250
WABI	.....	250
WAIM	C	250
WAIK	.....	250
WAVX	.....	250
WBRZ	M	250
WRHP	.....	250
WBLI	M	250
WBRC	.....	250
WBOW	N	250
WCAT	G	100
WCAX	C	250
WCBT	B	250
WCED	.....	250
WCLO	.....	250
WCOL	N	250
WCPO	.....	250
WDLP	.....	100(.25)
WDSM	.....	100
WFNY	M	250
WESX	.....	250
WFTC	.....	250
WHRC	M	250
WHBY	M	250
WHOP	.....	250
WIBX	.....	250
WII	.....	250
WISE	N	250

- a Ste. Anne de la Pocatiere, P. O., G. Thos. Desjardins
- a Calgary, Alta., Albertan Pub. Co.
- 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 Brdsg. Co.
- a Jonesboro, Ark., Regional Brdsg. Co.
- a Sioux Falls, S. Dak., S. F. Broadcast Ass'n., Inc.
- a Amarillo, Tex., Amarillo Brdsg. Corp.
- a Spokane, Wash., Spokane Brdsg. Corp.
- a Marshalltown Iowa, Marshall Elec. Co.,
- z Las Vegas, N. Mex., Southwest Brdsg. Inc.
- a Nampa, Idaho, Frank E. Hurt
- 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. Brdsg. Co.
- a Hastings, Nebr., Nebr. Brdsg. Co.
- a Hilo, Hawaii, Hawaiian Brdsg. Sys., Ltd.
- a Monroe, La., Liner's Brdsg. Station, Inc.
- a The Dalles, Ore., Western Radio Corp.
- a Marshallfield, Ore., KOOS, Inc.
- z Phoenix, Ariz., M. C. Reese
- a Powell, Wyo., Alhert Joseph Meyer
- z Midland, Texas, Clarence Sharbaur
- a Lowell, Ariz., Copper Elec. Co., Inc.
- a Redding, Calif., Golden Empire Brdsg. Co.
- a San Luis Obispo, Calif., Valley Electric Co.
- a Logan, Utah, Cache Valley Brdsg. Co.
- a Stockton, Calif., McClatchey Brdsg. Co.
- a Winona, Minn., Winona Radio Serv.
- a Mankato, Minn., Southern Minn. Supply Co.
- a Bangor, Me., Community Brdsg. Serv.
- a Anderson, S. C., Anderson College.
- a Waverly, W. Va., W. Va. Radio Corp.
- a Wavcross, Ga., Jack Williams.
- a Ponca City Okla., Adelaide L. Carrell
- a Huntsville, Ala., Wilton Harvey Pollard
- a Dalton, Ga., Dalton Brdsg. Corp.
- a Salisbury, Md., Peninsula Brdsg. Co.
- a Terra Haute, Ind., Banks of Wabash, Inc.
- a Rapid City, S. Dak., S. Dak. State School of Mines
- a Burlington, Vt., Bur. Daily News, Inc.
- a Roanoke Rapids, N. C., I. Winfield Crew, Jr.
- a DuBois, Pa., Tri-County Brdsg. Co.
- a Ianesville, Wis., Gazette Printing Co.
- a Columbus, Ohio, WCOL, Inc.
- a Cincinnati, Ohio, Scripps-Howard Radio, Inc.
- a Panama City, Fla., P. C. Brdsg. Co.
- a Superior, Wis., WDSM, Inc.
- a Elmira, N. Y., Elmira Star-Gazette, Inc.
- a Salem, Mass., North Shore Brdsg. Co.
- a Kingston, N. C., Jonas Weiland
- a Canton, Ohio, Ohio Brdsg. Co.
- a Appleton, Wis., WHBY, Inc.
- a Hopkinsville, Ky., Paducah Brdsg. Co., Inc.
- a Utica, N. Y., WIBX, Inc.
- a St. Louis, Mo., Mo. Brdcasting Corp.
- a Asheville, N. C., Station WISE, Inc.

## BROADCASTING STATIONS BY FREQUENCIES

WITH	....	250	a	Baltimore, Md., Md. Brdcastg. Co.
WJBC	....	250	a	Bloomington, Ill. Kaskaskia Brdcastg. Co.
WJBW	....	250	a	New Orleans, La., Chas. C. Carlson
WJNO	.... C	250	a	W. Palm Beach, Fla., WJNO, Inc.
WJOB	....	100	a	Hammond, Ind., WJOB, Inc.
WRDR	.... E	250	a	Tuscaloosa, Ala., James R. Doss, Jr.
WRBO	....	100(.25)	a	Harrisburg, Pa., Keystone Brdcastg. Corp.
WLOF	.... P	250	z	Orlando, Fla., Hazelwood, Inc.
WLOG	....	250	a	Logan, W. Va., C. H. Frey and R. O. Greever
WLVA	....	250	a	Lynchburg, Va., Lynchburg Brdcastg. Corp.
WMAW	.... P	250	z	Worcester, Mass., C. T. Sherer Co., Inc.
WMFR	.... B	250	a	High Point, N. C., Radio Station WMFR, Inc.
WMOB	.... M	250	a	Mobile, Ala., S. B. Quigley
WMPC	.... G	250	u	Lapeer, Mich., Liberty St. Gospel Church
WOLS	.... N	250	a	Florence, S. C., O. Lee Stone
WRBL	.... C	250	u	Columbus, Ga., Columbus Brdcastg. Co., Inc.
WSAM	.... G	100(.25)	a	Saginaw, Mich., Saginaw Brdcastg. Co.
WSKB	....	250	u	McComb, Miss., McComb Brdcastg. Corp.
WSOO	....	100(.25)	a	Sault Ste. Marie, Mich., Hiawathaland Brdcastg. Co.
WTHH	....	250	a	Hartford, Conn., Hartford Times, Inc.
WTOL	.... B	250	a	Toledo, Ohio, Community Brdcastg. Co.
YNOW	....	800	z	Managua, Nicaragua.

### 1240 kcs. (241.8 m.)

CBJ	.... F	250	a	Chicoutimi, P. Q., Canadian Brdcastg. Corp.
CFPR	....	50	a	Prince Rupert, B. C., Felix E. Batt
CHLT	....	250	a	Sherbrooke, P. Q., La Tribune, Ltd.
CJCS	....	50	u	Stratford, Ont., Frank M. Squires
CKCH	.... F	100	u	Hull, P. Q., CKCH Radio Brdcastg. Co. of Hull, Ltd.
CKMC	....	50	a	Cobalt, Ont., R. L. MacAdam
CKLN	.... F	250	a	Nelson, B. C., News Co., Ltd.
CMGF	....	250	z	Matanzas, Cuba, Bernabe R. de la Torre
HJAE	....	525	z	
KALB	....	250	a	Alexandria, La., Alex. Brdcastg. Co., Inc.
KANS	.... N	250	a	Wichita, Kans., KANS Brdcastg. Co.
KASA	....	100	a	Elk City, Okla., E. M. Woody
KAVE	....	250	a	Carlsbad, N. Mex., Carlsbad Brdcastg. Co.
KBIZ	....	250	a	Ottumwa, Iowa, J. D. Falvey
KDLR	.... M	250	z	Devils Lake, N. Dak., KDLR, Inc.
KDON	.... P	250	a	Monterey, Calif., Monterey Peninsula Brdcastg. Co.
KFJI	.... M	100	u	Klamath Falls, Ore., KFJI Broadcasters, Inc.
KFOR	.... CEM	250	u	Lincoln, Nebr., Cornbelt Brdcastg. Corp.
KFXM	.... 2M	250	u	San Bernardino, Calif., Lee Bros. Brdcastg. Co.
KGHS	....	250	z	Harlingen, Tex., Harbenito Brdcastg. Co.
KGY	....	250	a	Olympia, Wash., KGY, Inc.
KHBG	....	250	a	Okmulgee, Okla., Okmulgee Brdcastg. Corp.
KICA	....	100	a	Clovis, New Mexico, Western Broadcasters, Inc.
KIUL	....	100	a	Garden City, Kans., Garden City Brdcastg. Co.
KMAC	....	250	a	San Antonio, Tex., The Wolmac Co.
KOCA	....	250	a	Kilgore, Tex., Oil Capital Brdcastg. Ass'n.
KOVO	.... EM	250	a	Provo, Utah, Citizens Voice and Air Show.
KPFA	.... EN	250	a	Helena, Mont., Peoples Forum of the Air.
KPPC	.... 2	100	a	Pasadena, Calif., Pasadena Presb. Church.
KROY	.... C	100	a	Sacramento, Calif., Royale Miller.
KVSO	.... BM	100(.25)	a	Ardmore, Okla., Ardmoreite Pub. Co., Inc.
KWAT	....	250	a	Watertown, S. Dak., Midland National Life Ins. Co.
KWIL	.... M	250	a	Albany, Ore., Central Willamette Brdcastg. Co.
KWJB	.... E	250	a	Globe, Ariz., Sims Brdcastg. Co.
KWLC	.... D	250	a	Decorah, Iowa, Luther College.
KWOS	.... M	250	a	Jefferson City, Mo., Tribune Printing Co.
KWRC	.... P	250	z	Pendleton, Oreg., Western Radio Corp.
KXOX	....	250	a	Sweetwater, Tex., Sweetwater Radio, Inc.
KYUM	.... EN	250	u	Yuma, Ariz., Yuma Brdcastg. Co.
WATN	....	250	a	Watertown, N. Y., Watertown Brdcastg. Corp.
WBAX	.... M	100	a	Wilkes-Barre, Pa., John H. Stenger, Jr.
WBBL	.... G5	100	a	Richmond, Va., Grace Covenant Presb. Church.
WBIR	.... M	250	a	Knoxville, Tenn., J. W. Birdwell.
WBML	.... MP	250	z	Macon, Ga., Middle Georgia Brdcastg. Co.
WBRB	.... 4	100	a	Red Bank, N. J., Monmouth Brdcastg. Co.
WCOU	.... M	250	a	Lewiston, Maine, Twin City Brdcastg. Co., Inc.
WCOV	.... C	250	a	Montgomery, Ala., Capital Brdcastg. Co., Inc.
WCRW	.... G3	100	u	Chicago, Ill., Clinton R. White.
WEBQ	....	250	a	Harrisburg, Ill., Harrisburg Brdcastg. Co.
WEDC	.... G3	250	a	Chicago, Ill., Emil Denemark, Inc.
WFAS	.... 4	250	a	White Plains, N. Y., Westchester Brdcastg. Corp.
WFOY	.... C	250	a	St. Augustine, Fla., Fountain of Youth Brdcastg. Co.
WFTM	....	250	a	Fort Myers, Fla., Ft. Myers Brdcastg. Co.
WGAC	.... B	250	a	Augusta, Ga., Twin States Brdcastg. Co.
WGBB	.... 4	100	u	Freeport, N. Y., Harry H. Carman.

## BROADCASTING STATIONS BY FREQUENCIES

WGCM	....	250	a	Gulfport, Miss., WGCM, Inc.
WGGG	P	250	z	Gainesville, Ga., Gainesville Broadcasters.
WGRM	B	250	a	Greenwood, Miss., P. K. Ewing.
WHAI	M	250	a	Greenfield, Mass., John W. Haigis.
WHBU	....	250	a	Anderson, Ind., Anderson Brdctsg. Corp.
WHIZ	N	250	a	Zanesville, Ohio, Southern Ohio Broadcasters, Inc.
WIBU	E	250	a	Poynette, Wis., Wm. C. Forrest
WINN	B	100(.25)	a	Louisville, Ky., Kentucky Brdctsg. Corp.
WJBY	EM	250	a	Gadsden, Ala., Gadsden Brdctsg. Co., Inc.
WJEJ	M	250	a	Hagerstown, Md., Hagerstown Brdctsg. Co.
WJIM	B	250	z	Lansing, Mich., WJIM, Inc.
WJLS	....	250	z	Beckley, W. Va., Joe L. Smith, Jr.
WJMC	....	250	a	Rice Lake, Wis., Walter H. Mc Genty.
WJTN	B	250	a	Jamestown, N. Y., James Brdctsg. Co., Inc.
WJW	M	250	a	Akron, Ohio, WJW, Inc.
WKOK	....	250	a	Sunbury, Pa., Sunbury Brdctsg. Corp.
WLAG	P	250	z	La Grange, Ga., La Grange Brdctsg. Co.
WLOK	R	250	a	Lima, Ohio, Fort Industry Co.
WMFG	C	250	a	Hibbing, Minn., Head of the Lakes Brdctsg. Co.
WOCB	....	250	a	Hyannis, Mass., Cape Cod Brdctsg. Co.
WOMT	....	100	a	Manitowoc, Wis., Francis M. Kadow.
WPAX	....	250	a	Thomasville, Ga., H. Wimpy.
WPID	5	250	a	Petersburg, Va., Petersburg Newspaper Com-
WRAL	M	250	z	Raleigh, N. C., Capitol Brdctsg. Co.
WSAY	M	250	a	Rochester, N. Y., Brown Radio Service.
WSBC	G3	250	a	Chicago, Ill., WSBC, Inc.
WSNJ	....	250	a	Bridgeton, N. J., Eastern States Brdctsg. Corp.
WSOC	MN	250	a	Charlotte, N. C., Radio Station WSOC, Inc.
WTAX	....	100	a	Springfield, Ill., WTAX, Inc.
XEMQ	....	250	z	Merida, Yuctan
XERZ	P	250	z	Leon, Gto.
	P	250	z	Spencer, Iowa, Great Lakes Bestg. Co.

### 1250 kcs. (239.9 m.)

CMHO	....	250	z	Santa Clara, Cuba.
CMKC	....	250	z	Santiago de Cuba, Pinol Battlle y Co.
HJDK	....	500	z	Medellin, Colombia, "La V. de Antioquia."
HOQ	D	....	z	Panamao City, Pan., "Radio Nacional"
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.
WCAE	M	5000	a	Pittsburgh, Pa., WCAE, Inc.
WDAE	C	5000	a	Tampa, Fla., Tampa Times Co.
WRFN	Ba	1000(5)	a	Lawrence, Kans., WREN Brdctsg. Co.
WTMA	N	1000	a	Charleston, S. C., Atlantic Coast Brdctsg. Co.
XEAT	....	600	z	Parral, Chih., Box 90.
XEDK	....	500	a	Guadalajara, Jal., Salvador Vasquez T.
XEDL	....	500	z	Hermosillo, Son.
XESJ	....	1000	z	Saltillo, Coah.
XFTF	....	500	a	Veracruz Ver. C., Jose Rodriguez Lopez.
YVIRK	....	350	a	Maracaibo, Venezuela, "Radio Popular"

### 1260 kcs. (238 m.)

CFRN	F	1000	a	Edmonton, Alta., G. R. A. Rice.
CMRF	....	5000	a	Havana, Cuba, Radio Emisora Nacional.
HJEL	....	500	z	Calí, Colombia
KFGO	P	250	a	Boone Iowa, Boone Biblical College.
KGBX	N	5000	a	Springfield, Mo., Springfield Brdctsg. Co.
KGCM	C	1000	a	Albuquerque, N. Mex., New Mexico Brdctsg. Co.
KYA	E	1000(5)	a	San Francisco, Calif., Hearst Radio, Inc.
WFRM	C	5000	a	Indianapolis, Ind., WFRM, Inc.
WNAC	R	5000	a	Boston, Mass., The Yankee Network, Inc.
WOT	M	1000	a	Washington, D. C. American Brdctsg. Co.
XERI	....	500	z	Culiacan, Sin., Ignacio L. Saiz.
XFRM	....	150	z	San Luis Potosi, S. L. P., Benjamin Briones.
XFRP	....	250	z	Torreón, Coah.
XFRU	....	100	z	Chihuahua, Chih., Feliciano Lopez Islas.
XELJ	....	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.)

CTCB	F	1000	a	Sydney, N. S., Eastern Broadcasters, Ltd.
CMYM	O	1000	z	Ciego de Avila, Cuba, RHC-Cadena Azul.
HJAT	1275	....	z	Barranquilla, Col., "Radio Barranquilla."
HYBC	....	440	z	Cucuta, Colombia, "La Voz de Cucuta."
KFJZ	M	5000	a	Fort Worth, Tex., Tarrant Brdctsg. Co.

## BROADCASTING STATIONS BY FREQUENCIES

KGCU	M	250	a	Mandan, N. Dak., Mandan Radio Ass'n.
KTFI	N	1000	a	Twin Falls, Idaho, Radio Brdcastg. Corp.
WHBF	M	5000	a	Rock Island, Ill., Rock Island Brdcastg. Co.
WSPR	M	500	a	Springfield, Mass., WSPR, Inc.
WXYZ	B	5000	a	Detroit, Mich., King-Trendle Brdcastg. Corp.
XEAX	....	500	z	Oaxaca, Oax.
XEBA	....	250	z	Guzman, Jal., Javier Velasco.
XEGL	....	500	a	Navojoa, Son.
XEDN	....	150	z	Camargo, Chih.
XEFM	....	100	z	Leon, Gto.
XEFV	....	250	a	Juarez, Chih., Dario Cordoba.
XEBC	....	100	z	Morelia, Micho.
XEME	....	500	a	Merida, Yuc., Perfecto Villamil Cisero.
XERT	....	500(5)	z	Tijuana, B. Cfa.
YV3RA	....	1500	a	Barquisimeto, Venezuela, "Radio America."

### 1280 kcs. (234.2 m.)

CMHA	....	250	a	Sagua la Grande, Cuba, Abelardo Menocal.
KFOX	E	1000	a	Long Beach, Calif., Nichols & Warinner, Inc.
HJGK	....	280	z	Bucaramanga, Col., "Radio Santander."
KIT	M	1000	a	Yakima, Wash., Carl E. Haymond.
WDSU	B	5000	a	New Orleans, La., WDSU, Inc.
WGBF	MN	1000(5)	a	Evansville, Ind., Evansville on the Air, Inc.
WHBI	2	1000(2.5)	a	Newark, N. J., May Radio Brdcastg. Corp.
WKST	....	1000	a	New Castle, Pa., WKST, Inc.
WMRO	D	250	a	Aurora, Ill., Martin R. O'Brien.
WOV	2	5000	a	New York, N. Y., Wodaam Corp.
WTCN	B	1000(5)	a	Minneapolis, Minn., Minnesota Brdcastg. Corp.
XEAG	....	250	z	Cordoba, Ver. C., Diodoro Zuniga.
XEBW	....	600	a	Chihuahua, Chih.
XEE	....	100	a	Durango, Dgo., Alejandro Stevenson, Jr.
XELK	....	100	a	Zacatecas, Zac.
XEOX	....	250	a	Los Mochis, Sin.
XERL	....	250	z	Colima, Col., J. Roberto Levy.
XEX	....	500	z	Monterrey, N. L., El Heraldito del Comercio.
NEXJ	....	100	z	Tuxtla Gutierrez, Chis.

### 1290 kcs. (232.4 m.)

CMCH	2	250	a	Havana, Cuba, Radio Popular.
CMCX	2	250	z	Havana, Cuba, "La Onda Popular"
CMKD	....	1000	a	Santiago de Cuba, Radioemisora Oriental.
HJCK	....	250	z	Bogota, Colombia, 'Ecos del Tequendama.
KGVO	C	1000	a	Missoula, Mont., Mosby's, Inc.
KHSL	M	1000	a	Chico, Calif., Golden Empire Brdcastg. Co.
KOIL	EMC	5000	a	Omaha, Nebr., Central States Brdcastg. Co.
KRGV	MN	1000	a	Weslaco, Tex., KRGV, Inc.
KUOA	D	5000	a	Siloam Springs, Ark., KUOA, Inc.
KVOA	EN	1000	a	Tucson, Ariz., Arizona Brdcastg. Co., Inc.
WFVA	D	250	z	Fredericksburg, Va., Fredericksburg Brdcastg. Corp.
WHIO	C	5000	a	Dayton, Ohio, Miami Valley Brdcastg. Corp.
WHJD	D	1000	a	Niagara Falls, N. Y., Niagara Falls Gazette Pub. Co.
WHKY	P	1000	a	Hickory, N. C., Catawba Valley Bcastg. Corp.
WKNE	CM	5000	z	Keene, N. H., WKNE, Inc.
WNBF	PCM	5000	a	Binghamton, N. Y., W. B. Jones Adv. Agency.
WTOC	C	5000	a	Savannah, Ga., Savannah Brdcastg. Co.
XEAP	....	100	z	Obergon, Son., Emilio Manzanilla.
XEDA	....	1000	z	Mexico City, D. F., Pedro Riestra Diaz.

### 1300 kcs. (230.6 m.)

CMAN	O	1000	a	Pinar del Rio, Cuba, RHC-Cadena Azul.
CMIF	....	250	z	Camaguey, Cuba, John L. Stowers.
HJEC	....	500	z	Cali, Colombia, La Voz de Colombia."
KGLO	C	1000	a	Mason City, Iowa, Mason City Globe Gazette Co.
KOL	M	1000(5)	a	Seattle, Wash., Seattle Brdcastg. Co., Inc.
KVOR	C	1000	a	Colorado Springs, Colo., Out West Brdcastg. Co.
WASH	Na	500	a	Grand Rapids, Mich., King-Trendle Brdcastg. Corp.
WFBR	MO	5000	a	Baltimore, Md., Baltimore Radio Show, Inc.
WIDX	R	1000(5)	a	Jackson, Miss., Lamar Life Ins. Co.
WOOD	Na	5000	a	Grand Rapids, Mich., King-Trendle Brdcastg. Corp.
XEGF	....	100	z	Culliacan, Sin.
XEP	....	500	a	Juarez, Chih., Estaban Perra.
XES	....	250	a	Tampico, Tam., Fernando Sada.
YV1RA	....	100	a	Maracaibo, Venezuela 'Ecos del Zulia"

### 1310 kcs. (228.9 m.)

CKCO	F	1000	a	Ottawa, Ont., Dr. G. M. Geldert.
CMGN	O	1000	a	Jovellanos, Cuba, RHC-Cadena Azul.

## BROADCASTING STATIONS BY FREQUENCIES

HJAK	....	500	z	Barranquilla, Col., "La V. del la Patria."
KFBB	....	5000	a	Great Falls, Mont., Buttrey Broadcast. Inc.
KLS	....	1000	d	Oakland, Calif., Warner Bros.
TGI	....	....	a	Guatemala City, Guat., "Radio Morse."
WCAM	....	500	a	Camden, N. J., City of Camden.
WCAP	....	500	a	Asbury Park, N. J., Radio Industries Broadcast Co.
WDOO	....	5000	c	Chattanooga, Tenn., WDOO Brdcastg. Corp.
WIBA	....	5000	a	Madison, Wis., Badger Brdcastg. Co., Inc.
WISH	....	1000(5)	z	Indianapolis, Ind., Captiol Brdcastg. Corp.
WORC	....	1000	a	Worcester, Mass., Alf. Frank Kleindienst.
WRR	....	5000	a	Dallas, Tex., City of Dallas.
WTNJ	....	500	a	Trenton, N. J., WOAX, Inc.
XEAD	....	500	z	Guadalajara, Jal.
XEC	....	250	z	Tijuana, B. Cfa., Luis F. Encisco.
XEHV	....	1000	z	Veracruz, Ver. C.
XEMG	....	250	z	Gomez Palacio, Dgo.

### 1320 kcs. (227.1 m.)

CMHP	....	250	z	Placetas, Cuba, Guevara y Gonzalez.
CMKE	....	250	a	Manzanillo, Cuba.
HJDO	....	1800	z	Medellin, Colombia, "Emisora Claridad."
KDYL	....	5000	a	Salt Lake City, Utah, Intermountain Brdcastg. Corp.
WATR	....	1000	a	Waterbury, Conn., WATR Co., Inc.
WEBC	....	5000	a	Duluth, Minn., Head of the Lakes Brdcastg. Co.
WTAS	....	5000	a	Pittsburgh, Pa., Pittsburgh Radio Supply House.
WJHP	....	250	a	Jacksonville, Fla., The Metropolis Co.
WNBZ	....	100	a	Saranac Lake, N. Y., Up-State Brdcastg. Corp.
WNEL	....	5000	a	San Juan, P. R., Juan Piza.
XEAL	....	500	z	Mexico City, D. F., Carmen Gutierrez.
XEBK	....	100	a	Nuevo Laredo, Tamps., Guajardo y Cortes
XESY	....	200	z	Cananen, Son.

### 1330 kcs. (225.4 m.)

CMBG	....	2	z	Havana, Cuba, John L. Stowers.
CMSB	....	2	z	Havana, Cuba, Enrique Artalejo.
HJAA	....	250	a	Barranquilla, Col., "Ecos de la Costa."
KALE	....	5000	a	Portland, Ore., KALE, Inc.
KFAC	....	1000	a	Los Angeles, Calif., Los Angeles Brdcastg. Co., Inc.
KFH	....	5000	a	Wichita, Kans., Radio Station KFH Co.
WBRR	....	2	a	Brooklyn, N. Y., Watch Tower Bible & Tract Society, Inc.
WEVD	....	2	a	New York, N. Y., Debs Memorial Radio Fund, Inc.
WFBC	....	N	a	Greenville, S. C., Greenville News-Piedmont Co.
WFN	....	PD	z	Findlay, Ohio, Findlay Brdcastg. Co.
WHAZ	....	M2	a	Troy, N. Y., Rensselaer Polytechnic Institute.
WHBL	....	M	g	Sheboygan, Wis., Press Pub. Co.
WLOL	....	M	a	Minneapolis, Minn., Independent Merchants Brdcastg. Co.
XERO	....	600	z	Irapuato, Gto., Alfonso Martinez.
XECF	....	150	z	Los Moches, Sin., Francisco Perez H.
XEKS	....	100	z	Saltillo, Coah.
	....	250	z	Middletown, N. Y., Community Bcstg. Corp.

### 1340 kcs. (223.7 m.)

	....	P	z	Pembroke, Ont.
CFGP	....	250	a	Grande Prairie, Alta., Northern Brdcastg. Corp.
CHCK	....	50	a	Charlottetown, P. E. I., CHCK Radio Brdcastg. Co.
CHWK	....	F	a	Chilliwack, B. C., Chilliwack Brdcastg. Co., Ltd.
CJLS	....	F	a	Yarmouth, N. S., Laurie L. Smith.
CKCV	....	F	a	Quebec, P. Q., CKCV, Ltd.
CMCT	....	250	z	Camaguey, Cuba, Calle Cisneros y General Gomez.
HJEF	....	500	z	Cali, Colombia, "La V. de Higueroia."
KAND	....	M	z	Corsicana, Tex., Navarro Brdcastg. Assn.
KBND	....	250	z	Bend, Ore., The Bend Bulletin.
KCKN	....	E	a	Kansas City, Kans., KCKN Brdcastg. Co.
KCRI	....	E	a	Jerome, Ariz., Central Arizona Brdcastg. Co.
KFPL	....	100(.25)	f	Dublin, Tex., C. C. Baxter.
KFRE	....	P	z	Fresno, Calif.
KFYO	....	M	a	Lubbock, Tex., Plains Radio Brdcastg. Co.
KGEZ	....	250	a	Kalispell, Mont., Donald C. Treloar.
KGFW	....	M	a	Kearney, Nebr., Central Nebraska Brdcastg. Corp.
KHMO	....	250	z	Hannibal, Mo., Courier-Post Pub. Co.
KHUB	....	250	a	Watsonville, Calif., John P. Scripps.
KMYR	....	250	a	Denver, Colo., F. W. Meyer.
KOCY	....	M	a	Oklahoma City, Okla., Plaza Court Brdcastg. Co.
KOME	....	EM	z	Tulsa, Okla., Oil Capital Sales Corp.
KPDN	....	100	a	Pampa, Tex., R. C. Hoiles.
KRBA	....	D	a	Lufkin, Tex., Red Lands Brdcastg. Assn.

## BROADCASTING STATIONS BY FREQUENCIES

KRFJ	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	....	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	M	250	a	Moorhead, Minn., KVOX Brdcastg. Co.
KVSF	C	100	a	Santa Fe, N. Mex., N. Mex. Brdcastg. Co.
KWFC	M	250	a	Hot Springs, Ark., Hot Springs Brdcastg. Co.
KWLM	....	250	a	Willmar, Minn., Lakeland Brdcastg. Co.
KWOC	....	250	a	Poplar Bluff, Mo., Radio Station KWOC.
KXRO	M	250	a	Aberdeen, Wash., KXRO, Inc.
WAIR	M	250	a	Winston-Salem, N. C., Radio Station WAIR.
WAML	R	250	a	Laurel, Miss., New Laurel Radio Station, Inc.
WBRE	N	250	a	Wilkes-Barre, Pa., Louis G. Baltimore
WBRK	M	250	a	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.
WDMI	....	250	a	Marquette, Mich., Lake Superior Brdcastg. Co.
WEBR	B	250	a	Buffalo, N. Y., WEBR, Inc.
WEIM	ME	250	z	Fitchburg, Mass., Ruben E. Aronheim.
WEMP	MP	250	z	Milwaukee, Wis., Milwaukee Brdcastg. Co.
WEXL	B	100	a	Royal Oak, Mich., Royal Oak Brdcastg. Co.
WFBG	R	250	a	Altoona, Pa., Gable Brdcastg. Co.
WFHR	....	250	a	Wisconsin Rapids, Wis., Wm. F. Huffman.
WFIG	....	250	a	Sumter, S. C., J. Samuel Brody.
WGAA	....	250	z	Cedartown, Ga., Northwest Ga. Brdcastg. Co.
WGAU	....	250	a	Athens, Ga., J. K. Patrick & Co.
WGH	KM	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	N	250	a	Springfield, Ohio, Radio Voice of Springfield, Inc.
WIMA	P	250	a	Covington, Va., Arrington & Arrington.
WIPF	....	250	a	Herrin, Ill., Orville W. Lyerla.
WJPR	....	250	a	Greenville, Miss., John R. Pepper.
WLAK	N	250	z	Lakeland, Fla., Lake Region Brdcastg. Co.
WLAV	M	250	a	Grand Rapids, Mich., Leonard A. Verslius.
WLBC	....	250	a	Muncie, Ind., Donald A. Burton.
WLRY	....	250	a	Bowling Green, Kv., Bowling Green Brdcastg. Co.
WLNH	M	250	a	Laconia, N. H., Northern Brdcastg. Co.
WMBO	....	250	a	Auburn, N. Y., WMBO, Inc.
WMFF	R	250	a	Plattsburg, N. Y., Plattsburg Brdcastg. Corp.
WNBH	M	250	a	New Bedford, Mass., E. Anthony & Sons, Inc.
WPER	....	250	z	De Land, Fla., Tropical Brdcastg. Co.
WRAV	B	250	a	Reading, Pa., Reading Brdcastg. Co.
WSAI	G	100	a	Grove City, Pa., Grove City College.
WSAV	N	250	a	Savannah, Ga., WSAV, Inc.
WSOY	....	250	a	Decatur, Ill., Commodore Brdcastg., Inc.
WSTV	M	250	a	Stenbenville, 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.
WWPG	....	250	z	Lakeworth, Fla., Lakeworth Brdcastg. Corp.
XEAA	....	250	a	Mexicali, B. Cta., Alberto Gonzalez.
XFCW	....	250	z	Cordoba, Ver. C., Voz del Sudeste de Mexico.
XEDH	....	250	a	Villa Acuna, Coah., Vincente Hernandez.
XEFC	....	250	z	Merida, Yuc., Julio Molina Font.
XEPZ	....	250	a	Coatzacoalcas, Ver. C., Pedro E. Rocher.
XELW	....	250	z	Guadalajara, Jal.
XEMA	....	100	a	Fresnillo, Zac., Jose Ma. Acevedo Moya.
XENS	....	100	z	Toluca, Mex., Instituto Cientifica y Literario
	....	100	z	Ciudad Valles, S. L. P.

### 1350 kcs (222.1 m.)

CMHJ	....	250	a	Cienfuegos, Cuba, Ronnaldo Ugalde.
CMKY	....	100	z	Puerto Padre, Cuba.
HIZ	....	200	z	Trujillo, D. R.
HIDC	....	250	z	Medellin, Col., "Ecos de la Montana."
HIFF	....	250	z	Pereira, Colombia "Ondas de Otun."
HJHA	....	500	z	Pasto, Colombia, "Radio Narino."
KGHF	B	500	a	Pueblo, Colo., Curtis P. Ritchie.
KID	....	500(5)	a	Idaho Falls, Idaho, KID Brdcastg. Co.

## BROADCASTING STATIONS BY FREQUENCIES

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	N	1000	a	York, Pa., York Brdcastg. Co.
WSMB	R	5000	a	New Orleans, La., WSMB, Inc.
XEQK	....	1000	z	Mexico City, D. F.
XETB	....	500	a	Torreón, 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.
HPC	....	—	z	Panama City, Pan., "La Voz de Panama"
KGB	M	1000	a	San Diego, Calif., Don Lee Brdcastg. System.
KMO	M	5000	a	Tacoma, Wash., Carl E. Haymond.
KRIS	M	1000	a	Corpus Christi, Tex., Gulf Coast Brdcastg. Co.
KSCJ	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.
XETZ	P	250	z	Tezuitlan, Pue.

### 1370 kcs. (218.8 m.)

CMAC	P	100	z	Guanajay, Cuba
CMIH	....	250	d	Ciego de Avila, Cuba, Luis Marauí H.
HJAI	....	500	z	Barranquilla, Colombia "La V. del Litoral"
KDTH	....	1000	a	Dubuque, Iowa, Telegraph Herald Co.
KFRO	M	1000	a	Longview, Tex., Voice of Longview.
KGIR	EN	5000	a	Butte, Mont., KGIR, Inc.
KGNO	....	250(1)	c	Dodge City, Kans., Dodge City Brdcastg. Co.
WCOA	N	500(1)	c	Pensacola, Fla., Pensacola Brdcastg. Co.
WFEE	R	5000	a	Manchester, N. H., Adelaide B. Rines.
WPAB	....	1000	a	Ponce, P. R., Portorican American Brdcastg. Co. Inc.
WSPD	R	5000	a	Toledo, Ohio, The Fort Industry Co.
XEA	....	1000	z	Campeche, Cam.
XFIIF	....	1000	a	Nogales, Son.
XFHL	....	500	z	Guadalajara, Jal.
XFMR	....	500	z	Monterrey, N. L.
XETQ	....	250	z	Orizaba, V. Cruz.
YV1RW	....	1000	z	Coro, Venezuela, Radio Coro.

### 1380 kcs. (217.3 m.)

CKPC	....	100	a	Brantford, Ont., Telephone City Brdcastg., Ltd.
CMHK	....	250	z	Cruces, Cuba, R. G. Gonzalez.
HICI	....	500	z	Bogota, Colombia, "Radio Mundial"
HIDR	....	250	z	Manizales, Colombia, "La V. del Comercio"
KBWD	....	500	z	Brownwood, Tex., Brown County Brdcastg. Co.
KIDO	N	1000(2.5)	a	Boise, Idaho, Boise Brdcastg. Station.
....	M	500(1)	a	El Paso, Tex., Tri-State Brdcastg. Co., Inc.
KWK	M	5000	a	St. Louis, Mo., Thomas Patrick, Inc.
....	2	1000(5)	a	Zarephath, N. L., Pillar of Fire.
WBNX	2	5000	a	New York, N. Y., WBNX Brdcastg. Co., Inc.
WMBG	PR	5000	a	Richmond, Va., Havens & Martin, Inc.
WTSP	....	500(1)	a	St. Petersburg, Fla., Pinellas Brdcastg. 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.
CMCR	2	250	a	Havana, Cuba, La Metropolitana.
CMKR	....	250	z	Santiago de Cuba, Jaime Nadal.
HTFD	....	450	z	Manizales, Colombia, "Radio Manizales"
KCRC	....	250	a	Enid, Okla., Enid Radiophone Co.
KGER	....	5000	a	Long Beach, Calif., Consolidated Brdcastg. Corp.
KLPM	M	1000	a	Minot, N. Dak., John B. Cooley.
KSM	M	1000	a	Salem, Ore., Oregon Radio, Inc.
WCSC	C	500(1)	a	Charleston, S. C., S. C. Brdcastg. Co., Inc.
WFRL	C	5000	a	Syracuse, N. Y., Onondaga Radio Brdcastg. Corp.
WGES	X	5000	a	Chicago, Ill., Oak Leaves Brdcastg. Station, Inc.
WSYB	M	1000	a	Rutland, Vt., P. Weiss Music Co.
WORC	D	1000	a	Vicksburg, Miss., Delta Brdcastg. Co., Inc.
WTS	....	1000	a	Jackson, Tenn., Sun Pub. Co., Inc.
XEM	....	500	z	Chihuahua, Chih.

## BROADCASTING STATIONS BY FREQUENCIES

XEKN ..... 250  
 XETL ..... 250

z Reynosa, Tamps.  
 z Tuxpan, Ver. Cruz.

### 1400 kcs. (214.2 m.)



CFAR	....	100	a	Flin Flon, Man., Arctic Radio Corp.
CFOS	....	250	a	Owen Sound, Ont., Owen Sound Sun-Times.
CHRC	....	100	a	Quebec, P. Q., CHRC, Ltd.
CKCW	F	250	a	Moncton, N. B., Moncton Brcdstg. Co., Ltd.
CKKN	....	250	a	Rouyn, P. Q., La Cie de Radiodiffusion.
CMJW	....	250	z	Camaguey, Cuba.
HJAR	....	250	z	Cartagena, Colombia, "Radio Colonial"
KELD	....	250	a	El Dorado, Ark., Radio Enterprises, Inc.
KENO	....	250	a	La Vegas, Nev., Nevada Brcdstg. Co.
KFGO	D	100	a	Boone, Iowa, Boone Biblical College.
KFPW	....	250	a	Fort Smitu, Ark., Southwestern Hotel Co.
KFRU	BM	250	a	Columbia, Mo., KFRU, Inc.
KFVS	....	250	a	Cape Girardeau, Mo., Hirsch Battery & Radio Co.
KGFL	....	100	a	Roswell, N. Mex., KGFL, Inc.
KGKL	M	250	a	San Angelo, Tex., KGKL, Inc.
KIUN	....	100	a	Pecos, Tex., J. Hawkins & B. H. Tubbs.
KIUP	....	250	a	Durango, Colo., San Juan Brcdstg. Co.
KLUF	M	250	a	Galveston, Tex., KLUF Brcdstg. Co., Inc.
KOBH	....	250	a	Rapid City, S. Dak., Black Hills Brcdstg. Co.
KOBR	P	250	z	Brainerd, Minn., Brainerd-Bemidji Co.
KOKO	....	100	a	La Junta, Colo., Southwack Brcdstg. Co.
KONO	....	250	a	San Antonio, Tex., Mission Brcdstg. Co.
KORN	....	250	a	Fremont, Nebr., Nebraska Brcdstg. Corp.
KRE	....	250	a	Berkeley, Calif., Central Calif. Broadcasters, Inc.
KRKO	M	100(.25)	a	Everett, Wash., Everett Brcdstg. Co., Inc.
KRLC	....	250	a	Lewiston, Idaho, H. E. Studebaker.
KRMC	M	250	a	Jamestown, N. Dak., Jamestown Brcdstg. Co., Inc.
KTEM	M	250	a	Temple, Tex., Bell Brcdstg. Co.
KTNM	....	250	z	Tucumcari, N. Mex.
KTOK	EN	250	a	Oklahoma City, Okla., Oklahoma Brcdstg. Co., Inc.
KTSW	M	250	a	Emporia, Kans., Emporia Brcdstg. Co., Inc.
KTTS	P	250	z	Springfield, Mo.
KTUC	CE	250	a	Tucson, Ariz., Tucson Brcdstg. Co., Inc.
KVFD	M	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	M	250	a	Longview, Wash., Twin City Brcdstg. Corp.
KWON	P	250	z	Bartlesville, Okla., Bartlesville Bcstg. Co.
KWYO	....	250	a	Sheridan, Wyo., Big Horn Brcdstg. Co., Inc.
TGX	....	50	z	Guatemala City, Guatemala
WABY	BM	250	a	Albany, N. Y., Adirondack Brcdstg. Co., Inc.
WAGF	D	250	a	Dothan, Ala., Dothan Brcdstg. Co.
WARM	PM	250	z	Scranton, Pa., Union Brcdstg. Co.
WATL	M	250	a	Atlanta, Ga., Atlanta Brcdstg. Co.
WATW	M	100	a	Ashland, Wis., WJMS, Inc.
WBLK	N	250	a	Clarksburg, W. Va., Charleston Brcdstg. Co.
WBNY	2	250	a	Buffalo, N. Y., Roy L. Albertson.
WBTH	....	250	z	Williamson, W. Va., Williamson Brcdstg. Corp.
WBTM	P	250	a	Danville, Va., Piedmont Brcdstg. Corp.
WCBI	....	250	a	Columbus, Miss., Birney Imes.
WCBM	B	250	a	Baltimore, Md., Baltimore Brcdstg. Corp.
WCNC	....	250	z	Elizabeth City, N. C., Albermarle Brcdstg. Corp.
WCOS	M	250	z	Columbia, S. C., Carolina Adv. Corp.
WDAS	....	250	a	Philadelphia, Pa., WDAS, Brcdstg. Station, Inc.
WDEF	M	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	M	250	a	Easton, Pa., Associated Broadcasters, Inc.
WFOR	R	250	a	Haffieburg, Miss., Forrest Brcdstg. Co., Inc.
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.
WHBQ	....	250	a	Memphis, Tenn., WHBQ, Inc.
WHDF	M	250	a	Calumet, Mich., Upper Mich. Brcdstg. Co.
WHLB	C	250	a	Virginia, Minn., Head of the Lakes Brcdstg. Co.
WHUB	....	250	a	Cookeville, Tenn., WHUB, Inc.
WHYN	....	250	z	Holyoke, Mass., Hamden-Hampshire Corp.
WINC	B	250	a	Winchester, Va., Richard Field Lewis.
WIAC	R	250	a	Johnstown, Pa., WIAC, Inc.
WJHO	....	100(.25)	a	Opelika, Ala., Opelika-Auburn Brcdstg. Co.
WILB	....	250	z	Detroit, Mich., John L. Booth Brcdstg., Inc.
WILD	P	250	z	Bessemer, Ala.
WIZM	....	250	z	Clarksville, Tenn., Wm. D. Hudson.
WKMO	....	250	z	Kokomo, Ind., Kokomo Brcdstg. Corp.

## BROADCASTING STATIONS BY FREQUENCIES

WKPT	N	250	a	Kingsport, Tenn., Kingsport Brdstg. Co., Inc.
WKWK	P	250	z	Wheeling, W. Va.
WLLH	Sx	10-100	a	Lawrence, Mass., Merrimac Brdstg. Co., Inc.
WLLH	SM	250	a	Lowell, Mass., Merrimac Brdstg. Co., Inc.
WMAN	...	250	a	Mansfield, Ohio, Richland, Inc.
WMBR	C	250	a	Jacksonville, Fla., Florida Brdstg. Co.
WMFD	B	250	a	Wilmington, N. C., Richard A. Dunlea.
WMGA	...	250	z	Moultrie, Ga., Frank R. Pidcock, Sr.
WMIN	...	250	a	St. Paul, Minn., WMIN Brdstg. Co.
WMSL	EM	250	a	Decatur, Ala., Tenn. Valley Brdstg. Co., Inc.
WORD	...	250	a	Spartanburg, S. C., Spartanburg Advertising Co.
WPAY	...	250	a	Portsmouth, Ohio, Scotto Brdstg. Co.
WRAK	...	250	a	Williamsport, Pa., WRAK, Inc.
WRDO	MN	100	a	Augusta, Maine, WRDO, Inc.
WRIN	...	250	a	Racine, Wis., Racine Brdstg. Corp.
WRRN	C	250	z	Warren, Ohio, Nied & Stevens
WSAU	M	250	a	Wausau, Wis., Northern Brdstg. Co., Inc.
WSLB	M	250	a	Ogdensburg, N. Y., St. Lawrence Brdstg. Corp.
WSRR	...	250	z	Stamford, Conn., Stephen R. Rintoul.
WSVS	G2	50	e	Buffalo, N. Y., Board of Education.
WTCM	...	250	a	Traverse City, Mich., Midwestern Brdstg. Co.
XEAJ	...	100	z	Navojoa, Son.
XEAM	...	250	z	Matamoros, Tam.
XEDE	...	100	z	Torreón, Coah.
XEF	...	100	a	Juarez, Chih., Gilberto Gil.
XEI	...	250	a	Morelia, Micho., Carlos Gutierrez M.
XEJA	...	100	z	Jalapa, Ver. C.
XFKI	...	250	z	Acapulco, Gro.
XEMH	...	100	z	Merida, Yuc.
XEPF	...	200	z	Ensenada, R. Cfa.
XFTX	...	100	z	Casas Grandes, Chih.
XEXN	...	250	z	Guadalajara, Jal.
XEXO	...	100	z	San Luis Potosi, S.L.P.
YV1RC	...	500	a	Maracaibo Venez., "La Voz de la Fe."
YV4RE	...	1000	a	Valencia, Venez., "Radio Valencia."
YV6RA	...	200	a	Bolívar, Venez., "Ecos del Orinoco."

### 1410 kcs. (212.5 m.)

CKMO	...	1000	a	Vancouver, B. C., B. C. Brdstg. Sys., Ltd.
CMAQ	...	1000	z	Pinar del Rio, Cuba
CMHB	...	250	z	Sancti Spiritus, Cuba, V. E. Weiss y Cia.
HJEI	...	100	z	Buga, Colombia
KERN	BE	1000	a	Bakersfield, Calif., McClatchy Brdstg. Co.
KOV	B	1000	a	Pittsburgh, Pa., KOV Brdstg. Co.
WALA	R	5000	a	Mobile, Ala., Pape Brdstg. Co.
WING	N	5000	a	Dayton, Ohio, Great Trails Brdstg. Corp.
WKHH	C	5000	a	La Crosse, Wis., WKHH, Inc.
WNBC	B	5000	a	New Britain, Conn., State Brdstg. Corp.
NEBS	...	750	z	Mexico City, D. F.
XELC	...	250	z	Laredo, Tam.
XERY	...	500	z	Agua Prieta, Son.
...	PD	1000	z	Concord, N. C., Wayne M. Nelson

### 1420 kcs. (211.1 m.)

CMBD	2	250	z	Havana, Cuba, Luiz Perez Marcia.
CMCQ	Z	5000	a	Havana, Cuba, Calle Vista Alegre.
KABR	M	5000	a	Aberdeen, S. Dak., Aberdeen Brdstg. Co.
KIH	...	1000	a	Walla Walla, Wash., KUJ, Inc.
WFCI	B	1000	a	Pawtucket, R. I., Pawtucket Brdstg. Co.
WHK	BM	5000	a	Cleveland, Ohio, United Brdstg. Co.
WOC	...	1000	a	Davenport, Iowa, Tri-City Brdstg. Co.
WVSR	D	1000	z	St. Albans, Vt., Vermont Radio Corp., Inc.
XEDS	...	500	z	Mazatlan, Sin.
XEF	...	100	a	Juarez, Chih.
XFON	...	2000	a	Tijuana, B. Cfa.
XEH	...	1000	z	Monterrey, N. L., "Radio Tarneva"
XEWE	...	100	z	Irapuato, Guanajuato
...	P	100	z	Cuernavaca, Morelia

### 1430 kcs. (209.7 m.)

CHEX	P	1000	z	Peterborough, Ontario.
CMKZ	...	250	z	Palma Soriano, Cuba, Joaquin Venero Obregon.
HJEK	...	100	z	Tula, Colombia
KARM	C	5000	a	Fresno, Calif., The George Harm Station
KLO	BEM	5000	a	Ogden, Utah, Interstate Brdstg. Corp.
KTRN	P	1000	z	Tacoma, Wash., Michael J. Mingoe
KTUL	C	5000	a	Tulsa, Okla., Tulsa Brdstg. Co., Inc.

## BROADCASTING STATIONS BY FREQUENCIES

KWKW	PD	1000
WBYN	P	500(1)
WIRE	R	5000
XEAO	....	100
XENJ	....	500
XECZ	....	1000
XEOK	....	100
VV4RL	....	300

### 1440 kcs. (208.2 m.)

CMGH	....	500
CMJI	....	250
HJFL	....	100
HOC	....	100
KFJM	G	500(1)
KGNC	M	1000(5)
KILO	PG	500(1)
KMED	N	1000
KPRO	CP	1000
WAAB	M	1000
WHCM	B	500(1)
WHIS	B	500(1)
WROK	M	500(1)
WSFA	BE	5000
XEFI	....	1000
XELZ	....	1000

### 1450 kcs. (206.8 m.)

.....	P	250
CFLC	....	100
CHLN	....	100
CKCA	F	100(.25)
CMAB	....	250
CMHM	....	250
HTEG	....	500
HRN	....	500
KABC	M	250
KATE	ME	250
KBPS	4	100
KCMC	M	250
KDNT	....	100
KEUB	EM	250
KFAM	EN	250
KFBC	....	250
KFCB	B	250
KFMB	....	250
KGFF	BEM	250
KGIW	3	100
KGLU	EN	250
KIDW	3	100
KLBN	....	250
KMYC	M	250
KNET	D	100
KORE	M	250
KRBC	M	250
KRRM	EN	250
KRIC	....	250
KSAN	....	250
KTRI	M	250
KVAK	....	250
KWAL	....	250
KWBG	....	250
TGO	....	200
WACO	M	250
WAGM	G	100
WAOV	....	250
WASK	P	250
WAZL	M	250
WCBS	N	250
WCHV	B	250
WCRS	R	250
WEED	B	250
WFEM	BM	250
WFNC	P	250
WFGC	N	250
WGNC	B	250
WGOV	....	250

z	Pasadena, Calif., So. Calif. Brdstg. Co.
a	Brooklyn, N. Y., Unified Brdstg. Corp.
a	Indianapolis, Ind., Indianapolis Brdstg., Inc.
z	Villa Acuna, Coah.
z	Navajoha, Son.
z	San Luis Potosi, S. L. P., Zeferino Z. Jiminez.
z	Progreso, Yuc., Arturo Pina Perez.
a	Maracay, Venez., "Radio Maracay".

a	Matanzas, Cuba, "Rialto".
a	Ciego de Avila, Cuba, Gilberto Gesse Lopez.
z	Ibague, Colombia, "Ondas de Ibague"
z	Panama City, Panama
a	Grand Forks, N. Dak., University of N. Dak.
a	Amarillo, Tex., Plains Radio Brdstg. Co.
z	Grand Forks, N. D.
b	Medford, Ore., Mrs. W. J. Virgin.
z	Riverside, Calif., Brdstg. Corp. of America
a	Boston, Mass., The Yankee Network, Inc.
a	Bay City, Mich., Bay Brdstg. Co., Inc.
a	Bluefield, W. Va., Daily Telegram Ptg. Co.
a	Rockford, Ill., Rockford Broadcasters, Inc.
a	Montgomery, Ala., Montgomery Brdstg. Co., Inc.
a	Chihuahua, Chih., Feliciano Lopez Islas.
z	Mexico City, D. F., Maria Gardena de Zetina.

a	Perry Sound, Ont.
a	Prescott, Ont., Radio Ass'n of Prescott.
a	Three Rivers, P.Q., Three Rivers le Nouvelliste.
a	Kenora, Ont., Kenora Brdstg. Co., Ltd.
z	Pinar del Rio, Cuba, Hotel Ricardo.
z	Cienfuegos, Cuba.
z	Popayan, Colombia, "La V. del Alcazar."
b	Tegucigalpa, Honduras, "La Voz de Honduras"
a	San Antonio, Tex., Alamo Brdstg. Co., Inc.
a	Albert Lea, Minn., Albert Lea Austin Brd. Co. Inc.
a	Portland, Ore., Benson Polytechnic School.
a	Texarkana, Tex., KCMC, Inc.
a	Denton, Tex., Harwell V. Shepard.
a	Price, Utah Eastern Utah Brdstg. Co.
a	St. Cloud, Minn., The Times Pub. Co.
a	Cheyenne, Wyo., Frontier Brdstg. Co.
z	Fond du Lac, Wis., Reporter Printing Co.
z	San Diego, Calif., Worcester Brdstg. Corp.
a	Shawnee, Okla., KGFF Brdstg. Co., Inc.
a	Alamosa, Colo., E. L. Allen.
a	Safford, Ariz., Gila Brdstg. Co.
a	Lamar, Colo., Lamar Brdstg. Co.
a	La Grande, Ore., Ben E. Stone
a	Marysville, Calif., Marysville-Yuba City Brdstg. Inc.
a	Palestine, Tex., Palestine Brdstg. Corp.
a	Eugene, Ore., Eugene Broadcast Station.
a	Abilene, Tex., Reporter Brdstg. Co.
a	Bozeman Mont., KRRM Broadcasters.
z	Beaumont, Tex., KRIC, Inc.
z	San Francisco, Calif., Golden Gate Bestg. Co.
f	Sioux City Iowa, Sioux City Brdstg. Co.
a	Archison, Kans., Carl Latenser.
z	Wallace, Idaho, Silver Brdstg. Co.
a	Hutchinson, Kans., Nations Center Brdst. Co. Inc.
a	Quezaltenango Guatemala, Director of Elec Comm.
b	Waco, Tex., Frontier Brdstg. Co., Inc.
a	Presque Isle, Maine, Arnostook Brdstg. Corp.
a	Vincennes Ind., Vincennes News Papers, Inc.
z	Wapakoneta Ind., WFAM, Inc.
a	Hazleton Pa., Hazleton Brdstg. Service, Inc.
a	Springfield Ill., WCBS, Inc.
a	Charlottesville Va., Community Brdstg. Corp.
z	Greenwood, S. C., Greencco, Inc.
z	Rocky Mount, N. C., Wm. Avera Wenne
a	Youngstown Ohio, Wm. F. Maag, Jr.
a	Essexville, N. C., Cumberland Brdstg. Co.
a	Atlantic City, N. J., Neptune Brdstg. Corp.
a	Fort Wayne Ind., Westinghouse Radio Stations, Inc.
z	Gastonia, N. C., WGNC, Inc.
a	Valdosta, Ga., Governor E. D. Rivers.

## BROADCASTING STATIONS BY FREQUENCIES

WGPC	C	250	a	Albany, Ga., Albany Brdcastg. Co., Inc.
WHDL	B	250	a	Olean, N. Y., WHDL, Inc.
WHFC	...	250	a	Cicero, Ill., WHFC, Inc.
WHIT	P	250	z	New Bern, N. C., Coastal Brdcastg. Co.
WHLN	P	250	z	Harlan, Ky., Blanfox Radio Co., Inc.
WHLS	....	250	a	Port Huron, Mich., Port Huron Brdcastg. Co.
WHMA	...	250	a	Anniston, Ala., Harry M. Ayers.
WIBM	B	250	a	Jackson, Mich., WIBM, Inc.
WILM	M	250	a	Wilmington, Del., Delaware Brdcastg. Co.
WJMS	....	250	a	Ironwood, Mich., WJMS, Inc.
WJPA	P	250	z	Washington, Pa., Washington Brdcastg. Co.
WKEU	....	100	a	Griffin, Ga., Station WKEU.
WKIP	B	250	a	Poughkeepsie, N. Y., Poughkeepsie Brdcastg. Corp.
WLAN	P	250	z	Endicott, N. Y., Thomas J. Watson.
WLAP	M	250	a	Lexington, Ky., American Brdcastg. Corp.
WLEU	B	250	a	Erie, Pa., WLEU Brdcastg. Corp.
WLPM	....	250	a	Suffolk, Va., Suffolk Brdcastg. Corp.
WMAS	C	250	a	Springfield, Mass., WMAS, Inc.
WMBF	....	250	a	Joplin, Mo., Joplin Brdcastg. Co.
WMFJ	N	250	a	Daytona Beach, Fla., W. Wright Esch.
WMSD	....	250	a	Muscle Shoals City, Ala., Muscle Shoals Brd. Corp.
WMVA	....	250	z	Martinsville, Va., Martinsville Brdcastg. Co.
WNAE	....	250	z	Bridgeport, Conn., Harold Thomas
WNOE	....	250	a	New Orleans, La., WNOE, Inc.
WPAE	....	250	a	Paducah, Ky., Paducah Brdcastg. Co.
WPAR	C	250	a	Parkersburg, W. Va., Ohio Valley Brdcastg. Corp.
WRLC	....	250	a	Toccoa, Ga., R. G. Le Tourneau
WSLI	B	250	a	Jackson, Miss., Standard Life Brdcastg. Co.
WSPB	....	250	a	Sarasota, Fla., WSPB, Inc.
WWDC	P	250	z	Washington, D. C., Capital Brdcastg. Co.
XEBJ	....	100	a	Victoria, Tam., Fernando Elizalde.
KEBO	....	250	z	Torreón, Coah., Maria Refugio Acosta.
KEDJ	....	100	z	Magdalena, Son.
KEFK	....	100	z	Merida, Yuc., Manuel Zapata Espinosa.
KEGC	....	100	z	Zamora, Micho., Guillermo Calzada.
XEJX	....	250	z	Queretaro, Que
XEPP	....	250	z	Orizaba, Ver.
XERK	....	100	z	Tepec, Nay.
XETA	P	250	z	Tapachula, Chia.
XEXE	....	100	z	Texcoco, Mex.
XEXP	....	100	z	Matamoros, Tam.

### 1460 kcs. (205.4 m.)

CJGX	F	1000	a	Yorkton, Sask., Yorkton Brdcastg. Co., Ltd.
CMCG	....	250	a	Havana, Cuba, "La Onda", S.A.
CMKO	E	500	z	San Luis Oriente, Cuba
HJBE	....	100	z	Cienega, Col., "Ondas del Magdalena."
KEVE	....	500	z	Everett, Wash., Cascade Brdcastg. Co., Inc.
KGNF	D	1000	a	North Platte, Nebr., Great Plains Brdcastg. Co.
KINY	....	5000	a	Juneau, Alaska, Edwin A. Kraft.
KSO	M	1000(5)	a	Des Moines, Iowa, Iowa Brdcastg. Co.
WBNS	C	1000(5)	a	Columbus, Ohio, WBNS, Inc.
WHEC	C	500(1)	a	Rochester, N. Y., WHEC, Inc.
WHP	C	1000(5)	b	Harrisburg, Pa., WHP, Inc.
WMPS	MB	500(1)	a	Memphis, Tenn., Memphis Brdcastg. Co.
WOKO	CK	500(1)	a	Albany, N. Y., WOKO, Inc.
XELH	....	100	z	Nuevo Laredo, Tam.
XFTU	....	1000	z	Tampico, Tam.
XEWG	....	1000	z	Juarez, Chih.

### 1470 kcs. (204 m.)

CKGB	F	1000	a	Timmins, Ont., R. H. Thomson, North Bay.
CMGE	....	250	a	Cardenas, Cuba, Genaro Sebater.
CMTO	....	250	a	Ciego de Avila, Cuba, Bonifacio Ildefonso.
HIRO	....	25	z	Trujillo, D. R., Julio A. Garcia
HIFE	....	250	z	Pereira, Colombia, "La V. de Pereira."
KDFN	....	1000	a	Casper, Wyo., Donald Lewis Hathaway.
KEI.A	M	1000	a	Centralia, Wash., Central Brdcastg. Corp.
KXYZ	M	1000	a	Houston, Tex., Harris County Brdcastg. Co.
WRIG	C	5000	a	Greensboro, N. C., N. C. Brdcastg. Co., Inc.
WCBA	a	500	a	Allentown, Pa., Lehigh Valley Brdcastg. Co.
WMBD	a	5000	a	Peoria, Ill., Peoria Brdcastg. Co.
WSAN	N	500	a	Allentown, Pa., Lehigh Valley Brdcastg. Co.
XFAIT	....	5000	z	Tijuana, B. Cfa.
XESM	....	1000(5)	z	Mexico City, D.F., Av. Claudio Bernard.
YV3RE	1475	1500	a	Barquisimeto, Venez., "Radio Barquisimeto"
....	....	1000	z	Houston, Tex., San Jacinto Brdcastg. Co.

## BROADCASTING STATIONS BY FREQUENCIES

### 1480 kcs. (202.6 m.)

CHGS	F	50
CJVL	.....	500
CMHX	.....	250
HJDL	.....	500
KCMO	B	1000(5)
KGCX	F	1000
KIEM	M	500(1)
KTBS	N	1000
WGAR	C	1000(5)
WHOM	.....	500(1)
WRDV	CP	5000
WSAR	M	1000
XEXZ	.....	5000

a	Summerside, P.E.I., R. T. Holman, Ltd.
a	Victoria, B. C., Victoria Brdcastg. As n.
a	Cienfuegos, Cuba, J. Garcia R.
z	Medellin, Col., "Ecos del Occidente"
a	Kansas City, Mo., KCMO Brdcastg. Co.
a	Wolf Point, Mont., E. E. Krebsback.
a	Eureka, Calif., Redwood Brdcastg. Co.
a	Shreveport, La., Tri-State Brdcastg. Sys., Inc.
a	Cleveland, Ohio, WGAR Brdcastg. Co.
a	Jersey City, N. J., N. J. Brdcastg. Corp.
a	Augusta, Ga., Augusta Brdcastg. Co.
f	Fall River, Mass., Doughty & Welch Elec. Co., Inc.
z	Tlaxcala, Tlax.

### 1490 kcs. (201.2 m.)

CHLP	F	250
CJIC	F	250
CJMH	F	100
CMCA	2	250
CMKF	.....	250
CMOX	2	250
HJDU	.....	250
KBIX	B	250
KBKR	.....	250
KBST	M	100
KBUR	.....	250
KDB	EM	250
KDRO	.....	250
KEYS	.....	250
KFFA	.....	250
KEEW	.....	100(.25)
KGKB	M	250
KGKY	.....	250
KNEL	.....	100(.25)
KNOW	M	250
KONB	.....	250
KOTN	.....	250
KOVC	.....	250
KPAB	.....	250
KPLC	.....	250
KPLT	M	250
KRNR	PM	250
KSAM	D	250
KTBI	.....	250
KTOH	.....	250
KVOE	M	250
KVVC	M	250
KWEW	.....	100
KXO	M	100
KYCA	E	250
KYOS	DM	250
WBAB	CM	250
WBTA	P	250
WDAN	.....	250
WDRC	P	250
WDNC	C	250
WERC	C	250
WGAL	N	250
WGKV	N	100
WGTC	.....	250
WHRR	.....	100
WIGM	.....	250
WIRK	.....	250
WKPR	N	250
WKRV	.....	100
WKRZ	.....	250
WKNY	.....	250
WKRO	P	250
WMIS	P	250
WMIM	.....	100(.25)
WMOG	.....	100(.25)
WMRC	BM	250
WMRE	P	250
WMRN	.....	250
WNLC	M	250
WOLF	.....	250
WOMI	.....	250
WOPI	.....	250

a	Montreal, P.Q., La Patrie Pub. Co.
a	Sault Ste. Marie, Ont., Whitby & Hyland.
a	Medicine Hat, Alta.
a	Havana, Cuba, Tester y Gonzalez.
z	Holguin, Cuba, Manuel De Gongora.
a	Havana, Cuba, Perez y Chisholm.
z	Medellin, Colombia
a	Muskogee, Okla., Okla. Press Pub. Co.
a	Baker, Ore., Baker Brdcastg. Co.
a	Big Spring, Tex., Big Spring Herald Brdcastg. Co.
a	Burlington, Iowa, Burlington Brdcastg. Co.
a	Santa Barbara, Calif., Santa Barbara Brdcastrs., Ltd.
a	Sedalia, Mo., Drolsch Bros.
a	Corpus Christi, Tex., Nueces Brdcastg. Co.
a	Helena, Ark., Helena Brdcastg. Co.
a	Brownsville, Tex., Eagle Brdcastg. Co., Inc.
a	Tyler, Tex., East Texas Brdcastg. Co.
a	Scottsbluff, Nebr., Hilliard Co.
a	Brady, Tex., G. L. Burns.
a	Austin, Tex., Frontier Brdcastg. Co., Inc.
z	Omaha, Nebr.
a	Pine Bluff, Ark., Universal Brdcastg. Corp.
a	Valley City, N. Dak., KOVC, Inc.
a	Laredo, Tex., Mervel M. Valentine.
a	Lake Charles, La., Calcasieu Brdcastg. Co.
a	Paris, Tex., North Texas Brdcastg. Co.
a	Roseburg, Ore., News-Review Pub. Co.
a	Huntsville, Tex., Radio Station KSAM
z	Tacoma, Wash., Tacoma Broadcasters, Inc.
a	Lihue, Hawaii, Garden Island Pub. Co., Ltd.
a	Santa Ana, Calif., Voice of the Orange Empire, Inc.
a	Vernon, Tex., Northwestern Brdcastg. Co.
a	Hobbs, N. Mex., W. E. Whitmore.
a	El Centro, Calif., Valradio Co., Inc.
a	Prescott, Ariz., Southwest Brdcastg. Co.
a	Merced, Calif., Merced Bestg. Co.
a	Atlantic City, N. J., Press Union Pub. Co.
z	Batavia, N. Y., Batavia Brdcastg. Corp.
a	Danville, Ill., Northwestern Pub. Co.
a	Escanaba, Mich., Delta Brdcastg. Co.
a	Durham, N. C., Durham Radio Corp.
a	Erie, Pa., Presque Isle Brdcastg. Co.
a	Lancaster, Pa., WGAI, Inc.
a	Charleston, W. Va., Kanawha Valley Brdcastg. Co.
a	Greenville, N. C., Greenville Brdcastg. Co.
a	Selma, Ala., Selma Brdcastg. Co., Inc.
z	Medford, Wis., Geo. F. Meyer
a	Detroit, Mich., J. F. Hopkins, Inc.
a	Dubuque, Iowa, Sanders Bros.
a	Richmond, Ind., Knox Radio Corp.
a	Muskegon, Mich., Ashbacher Radio Corp.
a	Kingston, N. Y., Kingston Brdcastg. Corp.
z	Cairo, Ill., Oscar C. Hirsch.
z	Natchez, Miss., Natchez Brdcastg. Co.
a	Cordele, Ga., Cordele Dispatch Pub. Co., Inc.
a	Brunswick, Ga., Coastal Brdcastg. Co.
a	Greenville, S. C., Textile Brdcastg. Co.
z	Lewistown, Pa., Lewistown Brdcastg. Co.
z	Marion, Ohio, Marion Brdcastg. Co.
a	New London, Conn., Thames Brdcastg. Corp.
a	Syracuse, N. Y., Civic Brdcastg. Corp.
a	Owensboro, Ky., Owensboro Brdcastg. Co.
a	Bristol, Tenn., Radiophone Station WOPI

## BROADCASTING STATIONS BY FREQUENCIES

WOSH	P	250
WRGA	....	250
WSLS	M	250
WSTP	B	250
WTMC	M	100
WTMV	....	250
WWSW	....	250
XECH	....	250
XEDR	....	100
XEGT	....	100
XFJR	....	100
XFOB	P	100
XETR	....	100
XEXF	....	100
XEXU	....	100
YV4RR	....	750
XELY	....	150

### 1500 kcs. (199.9 m.)

KSTP	R	50000
WJSV	C	50000
XERH	....	500
....	....	100

### 1510 kcs. (198.6 m.)

HJEM	....	100
KGA	M	10000
WLAC	C	5000
WMEX	....	5000

### 1520 kcs. (197.3 m.)

HJDM	....	500
KOMA	C	50000
TGW	....	5000
WHIP	....	5000
WKBW	C	50000
WPRP	....	1000(5)

### 1530 kcs. (196 m.)

KFBK	BE	10000
WCKY	C	50000

### 1540 kcs. (194.7 m.)

JMBH	....	5000
HIFI	....	500
XEQN	....	500

### 1550 kcs. (193.4 m.)

CKTB	F	1000
XEBG	....	1000
XEML	?	1000

### 1560 kcs. (112.2 m.)

CMHD	....	250
WQXR	....	10000

### 1570 kcs. (191.0 m.)

CFPL	F	1000
XEAW	....	100000

### 1580 kcs. (189.8 m.)

CBJ	FP	250
CMCI	2	250
CMCR	2	250
CMTO	....	250

### 1590 kcs. (188.6 m.)

KITE	M	1000
WAKR	B	5000
WALB	M	1000
WBRY	C	5000
XEMC	....	5000
....	P	5000

### 1600 kcs. (187.4 m.)

KPMC	M	1000
WWRL	2	5000
XEAR	....	5000

z	Oshkosh, Wis., Howard H. Wilson
a	Rome, Ga., Rome Brdcastg. Corp.
a	Roanoke, Va., Roanoke Brdcastg. Corp.
a	Salisbury, N. C., Piedmont Brdcastg. Corp.
a	Ocala, Fla., Ocala Brdcastg. Co., Inc.
a	East St. Louis, Ill., Miss. Valley Brdcastg. Co., Inc
a	Pittsburgh, Pa., Walker & Downing Radio Corp.
z	Toluca, Mex.
z	Guaymas, Son., Modeste Ortega.
z	Guadalajara, Jal.
z	Parral, Chih.
z	Gomez Palacios, Dgo.
z	Madero, Tam.
z	Veracruz, Ver. C.
z	Saltillo, Coah.
a	Puerto Cabello, Venez.. "Radio Pto. Cabello".
z	Aguascaliente, Ags., Mex.

### [Redacted]

a	St. Paul, Minn., KSTP, Inc.
a	Washington, D. C., CBS, Inc.
z	Mexico City, D. F.
z	Fort de France, Martinique, "Radio Fort de Fr."

### [Redacted]

z	Palmira, Colombia "Radio Palmira"
a	Spokane, Wash., Louis Wasmer.
a	Nashville, Tenn., WLAC Brdcastg. Serv.
a	Boston, Mass., The Northern Corp.

### [Redacted]

z	Medellin, Colombia, "Radio Cordoba"
a	Oklahoma City, Okla., KOMA, Inc.
e	Guatemala City, Guat., Radiodifusora Nacional
z	Hammond, Ind., Hammond-Calumet Brdcastg. Corp.
a	Buffalo, N. Y., Buffalo Brdcastg. Corp.
a	Ponce, Puerto Rico, Julio M. Conesa

### [Redacted]

a	Sacramento, Calif., McClatchey Brdcastg. Co.
a	Cincinnati, Ohio, L. B. Wilson, Inc.

### [Redacted]

e	Havana, Cuba, Alberto Alvarez
z	Armenia, Colombia, "Pregones del Quindio"
z	Nogales, Son.

### [Redacted]

a	St. Catherines, Ont., E. T. Sandell
a	Tijuana, B. Cfa., Angel B. Fernandez
z	Mexico City, D. F.

### [Redacted]

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

### [Redacted]

a	London, Ont., London Free Press
a	Reynosa, Tamps.

### [Redacted]

a	Chicoutimi, P. Q., Canadian Bestg. Corp.
a	Havana, Cuba, Radio Emisora Comercial
z	Havana, Cuba, Av. de Menocal 115
z	Nuevitas, Cuba

### [Redacted]

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

### [Redacted]

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

# BROADCASTING STATIONS BY CALL LETTERS

For power and network affiliations, see the list of stations by frequencies.

The space under the call letters may be used for logging or checking.

CBA	1070	CHLN	1450	CKCV	1340	CMBL	860	CMHM	1450	CMKU	970
CBF	690	CHLP	1490	CKCW	1400	CMBQ	1150	CMHN	960	CMKV	600
CBJ	1580	CHLT	1240	CKGB	1470	CMBS	1330	CMHP	1320	CMHO	1250
CBK	540	CHML	900	CKLN	1240	CMBX	1390	CMHQ	810	CMKW	1000
CBL	740	CHNC	610	CKLW	800	CMBY	1110	CMHT	990	CMKX	1090
CBM	940	CHNS	960	CKMC	1240	CMBZ	950	CMHX	1480	CMKY	1350
CBO	910	CHRC	800	CKMO	1410	CMC	1360	CMJA	1060	CMKZ	1430
CBR	1130	CHSJ	1150	CKNB	950	CMCA	1490	CMJC	1340	CMOA	1360
CBV	980	CHWK	1340	CKTB	1550	CMCB	1390	CMJE	1230	CMOX	1490
CBY	1010	CJAT	610	CKOC	1150	CMCF	910	CMJF	1300	CMQ	690
CFAC	960	CJBR	900	CKOV	630	CMCG	1460	CMJH	1370	CMW	550
CFAR	1400	CJCA	930	CKPC	1380	CMCH	1290	CMJI	1440	CMX	1010
CFCF	600	CJCB	1270	CKPR	580	CMCJ	1580	CMJK	920	CMZ	630
CFCH	600	CJCJ	1230	CKRN	1400	CMCK	980	CMJL	620	FQN	609
CFCN	1010	CJCS	1240	CKSO	790	CMCM	1060	CMJM	1270	HHK	1080
CFCO	630	CJGX	1460	CKTB	1230	CMCO	1230	CMJN	740	HHW	1230
CFCY	630	CJIC	1490	CKUA	580	CMCQ	1420	CMJO	1470	HIN	1090
CFGP	1340	CJKL	560	CKVD	1230	CMCR	1580	CMJQ	1580	HIX	950
CFJC	910	CJLS	1340	CKWS	960	CMCU	1190	CMJW	1400	HIZ	1350
CFLC	1450	CJMH	1490	CKWX	980	CMCW	1230	CMK	740	HIBQ	1470
CFNB	550	CJOC	1060	CKX	1150	CMCX	1290	CMKC	1250	HJAA	1330
CFOS	1400	CJOR	600	CKY	990	CMCY	590	CMKD	1290	HJAE	1240
CFPL	1570	CJRC	630	CMAB	1450	CMGE	1470	CMKE	1320	HJAH	1080
CFPR	1240	CJRM	980	CMAC	1370	CMGF	1240	CMKF	1490	HJAI	1370
CFQC	600	CJVI	1480	CMAN	1300	CMGH	1440	CMKG	1050	HJAK	1310
CFRB	860	CKAC	730	CMAN	1300	CMGN	1310	CMKH	1130	HJAM	1210
CFRN	1260	CKBI	900	CMAX	830	CMHA	1280	CMKM	560	HJAN	1190
CHAB	1220	CKCA	1450	CMBC	790	CMHB	1410	CMKN	930	HJAR	1400
CHCK	1340	CKCH	1240	CMBD	1420	CMHD	1560	CMKO	1220	HJAT	1275
CHEX	1430	CKCK	620	CMBF	1260	CMHI	570	CMKQ	1460	HJBC	1270
CHGB	1230	CKCL	580	CMBG	1330	CMHJ	1350	CMKR	1390	HJBE	1460
CHGS	1480	CKCO	1310	CMBH	1540	CMHK	1380	CMKS	900	HJBJ	1140

## BROADCASTING STATIONS BY CALL LETTERS

HJCB	1105	HJFI	1540	KCRC	1390	KFDM	560	KFXD	1230	KGLU	1450
HJCC	870	HJFL	1440	KCRJ	1340	KFEL	950	KFXJ	920	KGMB	590
HJCE	1220	HJFX	600	KDAL	1490	KFEQ	680	KFXM	1240	KGNC	1440
HJCG	1060	HJGK	1280	KDAL	610	KFFA	1490	KFYO	1340	KGNF	1460
HJCI	810	HJHA	1350	KDB	1490	KFGQ	1260	KFYR	550	KGNO	1370
HJ CJ	1380	HOK	640	KDFN	1470	KFH	1330	KGA	1510	KGO	810
HJCK	1290	HOQ	1250	KDKA	1020	KFI	640	KGB	1360	KGU	760
HJCM	970	HPC	1360	KDLR	1240	KFIO	1230	KGBS	1240	KGVO	1290
HJCO	1160	HP5C	726	KDNT	1450	KFIZ	1450	KGBU	930	KGW	620
HJCR	1200	HRN	1450	KDON	1240	KFJB	1230	KGBX	1260	KGY	1240
HJCS	920	KABC	1450	KDRO	1490	KFJI	1240	KGCU	1270	KHAS	1230
HJCU	720	KABR	1420	KDTH	1370	KFJM	1440	KGCX	1480	KHBC	1230
HJ CZ	1040	KADA	1230	KDYL	1320	KFJZ	1270	KGDE	1230	KHBG	1240
HJDC	1350	KALB	1240	KECA	790	KFKA	910	KGDM	1130	KHJ	930
HJDK	1250	KALE	1330	KEEW	1490	KFKU	1250	KGEK	1230	KHMO	1340
HJDL	1480	KAND	1340	KELA	1470	KFMB	1450	KGER	1390	KHQ	590
HJDM	1520	KANS	1240	KELD	1400	KFNF	920	KGEZ	1340	KHSL	1290
HJDQ	1320	KARK	920	KELO	1230	KFOR	1240	KGFF	1450	KHUB	1340
HJDR	1380	KARM	1430	KENO	1400	KFOX	1280	KGJF	1230	KICA	1240
HJDT	1150	KASA	1240	KERN	1410	KFPL	1340	KGFL	1400	KID	1350
HJDU	1490	KAST	1230	KEUB	1450	KFPW	1400	KGFW	1340	KIDO	1380
HJEB	1150	KATE	1450	KEVE	1460	KFPY	920	KGFX	630	KIDW	1450
HJEC	1300	KBIX	1490	KEVR	1090	KFQD	790	KGGF	690	KIEM	1480
HJEE	1090	KBIZ	1240	KEX	1190	KFRC	610	KGGM	1260	KIEV	870
HJEF	1350	KBKR	1490	KEYS	1490	KFRE	1340	KGHF	1350	KILO	1440
HJEG	1450	KBND	1340	KFAB	780	KFRO	1370	KGHI	1230	KINY	1460
HJEI	1410	KBPS	1450	KFAC	1330	KFRU	1400	KGHL	790	KIRO	710
HJEK	1430	KBST	1490	KFAM	1450	KFSD	600	KGIR	1370	KIT	1280
HJEL	1260	KBTM	1230	KFAR	610	KFSG	1150	KGIW	1450	KITE	1590
HJEM	1510	KBUR	1490	KFBB	1310	KFUN	1230	KGKB	1490	KIUL	1240
HJFD	1390	KBWD	1380	KFBC	1450	KFUO	850	KGKL	1400	KIUN	1400
HJFE	1470	KCKN	1340	KFBI	1070	KFVD	1020	KGKO	570	KIUP	1400
HJFF	1350	KCMC	1450	KFBK	1530	KFVS	1400	KGKY	1490	KJBS	1100
		KCMO	1480	KFDA	1230	KFWB	980	KGLO	1300	KJR	1000

## BROADCASTING STATIONS BY CALL LETTERS

KLBM	1450	KQW	1010	KPQ	560	KSEI	930	KTW	1250	KWIL	1240
KLCN	900	KOCY	1340	KPRC	950	KSFO	560	KUIN	1340	KWJB	1240
KLO	1430	KODL	1230	KPRO	1440	KSKY	660	KUJ	1420	KWJJ	1080
KLPM	1390	KOH	630	KQV	1410	KSL	1160	KUOA	1290	KWK	1380
KLRA	1010	KOIL	1290	KRBA	1340	KSLM	1390	KUSD	920	KWKH	1130
KLS	1310	KOIN	970	KRBC	1450	KSO	1460	KUTA	570	KWKW	1430
KLUF	1400	KOKO	1400	KRBM	1450	KSOO	1140	KVAK	1450	KWLC	1240
KLX	910	KOL	1300	KRE	1400	KSRO	1350	KVAN	910	KWLK	1400
KLZ	560	KOMA	1520	KRGV	1290	KSTP	1500	KVCV	1230	KWLM	1340
KMA	960	KOME	1340	KRIC	1450	KSUB	1340	KVEC	1230	KWNO	1230
KMAC	1240	KOMO	950	KRIS	1360	KSUN	1230	KVFD	1400	KWOC	1340
KMBC	980			KRJF	1340	KSWO	1150	KVGB	1400	KWON	1400
KMED	1440	0641 KONO	1400	KRKO	1150	KTAR	620	KVI	570	KWOS	1240
KMJ	580	KOOS	1230	KRKO	1400	KTBI	1490	KVIC	1340	KWRC	1240
KMLB	1230	KORE	1450	KRLC	1400	KTBC	1150	KVNU	1230	KWSC	1250
KMMJ	750	KORN	1400	KRLD	1080	KTBS	1480	KVOA	1290	KWTO	560
KMO	1360	KOTN	1490	KRLH	1230	KTEM	1400	KVOD	630	KWYO	1400
KMOX	1120	KOVC	1490	KRMC	1400	KTFI	1270	KVOE	1490	KXA	770
KMPC	710	KOVO	1240	KRMD	1340	KTHS	1090	KVOL	1340	KXL	1450
KMTR	570	KOWH	660	KRMR	1490	KTKC	940	KVOO	1170	KXO	1490
KMYC	1450	KOY	550	KRNT	1350	KTMS	1250	KVOR	1300	KXOK	630
KMYR	1340	KPAB	1490	KROC	1340	KTNM	1400	KVOS	790	KXOX	1240
KNEL	1490	KPAC	1250	KROD	600	KTOH	1490	KVOX	1340	KXRO	1340
KNET	1450	KPAS	1110	KROS	1340	KTOK	1400	KVRS	1400	KXYZ	1470
KNOW	1490	KPDN	1340	KROW	960	KTPN	1430	KVSF	1340	KYA	1260
KNX	1070	KPFA	1240	KROY	1240	KTRB	860	KVSO	1240	KYCA	1490
KOA	850	KPHO	1230	KRRV	910	KTRH	740	KVWC	1490	KYOS	1490
KOAC	550	KPLC	1490	KRSF	1150	KTRI	1450	KWAL	1450	KYSM	1230
KOAM	810	KPLT	1490	KSAF	580	KTSA	550	KWAT	1240	KYUM	1240
KOB	770	KPMC	1600	KSAL	1150	KTSM	1380	KWBW	1450	KYW	1060
KOBH	1400	KPO	680	KSAM	1490	KTSW	1400	KWEW	1490	TGQ	1450
KOBR	1400	KPOF	910	KSAN	1450	KTTS	1400	KWFC	1340	TGW	1520
KOC	1440	KPOW	1230	KSCJ	1360	KTUC	1400	KWFT	620	TGX	1400
KOCA	1240	KPPC	1240	KSD	550	KTUL	1430	KWG	1230	TGI	1310

## BROADCASTING STATIONS BY CALL LETTERS

TIBAS	655	WAGA	590	WBBL	1240	WCAP	1310	WCSH	970	WELI	960
TIEP	835	WAGE	620	WBMM	780	WCAR	1130	WDAE	1250	WELL	1400
TIEP2	1225	WAGF	1400	WBBR	1330	WCAT	1230	WDAF	610	WEMP	1340
TIFA	1000	WAGM	1450	WBBZ	1230	WCAU	1210	WDAK	1340	WENR	890
TIGH	960	WAIM	1230	WBCM	1440	WCAX	1230	WDAN	1490	WENY	1230
TIGPH	605	WAIR	1340	WBEN	930	WCAZ	1080	WDAS	1400	WEOA	1400
TIGPH2	800	WAIT	820	WBHP	1230	WCBA	1470	WDAY	970	WERC	1490
TIHZ	1150	WAJR	1230	WBIG	1470	WCBI	1400	WBDC	1490	WEST	1400
TILJ	775	WAKR	1590	WBIR	1240	WCBM	1400	WDBJ	960	WESX	1230
TILS	880	WALA	1410	WBLJ	1230	WCBS	1450	WDBO	580	WEVD	1330
TIMC	735	WALB	1590	WBLK	1400	WCBT	1230	WDEF	1400	WEW	770
TINBC	1070	WAML	1340	WBML	1240	WCCO	830	WDEL	1150	WEXL	1340
TIOS	937	WAOV	1450	WBNS	1460	WCED	1230	WDEV	550	WFAA	820
TIPG	625	WAPI	1170	WBNX	1380	WCFL	1000	WDGY	1130	WFAS	1240
TIRCC	1200	WAPO	1150	WBNY	1400	WCHS	580	WDLP	1230	WFBC	1330
TIRH	970	WARM	1400	WBOC	1490	WCHV	1450	WDMJ	1340	WFBG	1340
TISMG	1045	WASH	1300	WBOW	1230	WCKY	1530	WDNC	1490	WFBL	1390
TIVP	750	WASK	1450	WBRB	1240	WCLE	610	WDOD	1310	WFBM	1260
TI XD	800	WATL	1400	WBRC	960	WCLO	1230	WDRC	1360	WFCI	1420
TI4NRH	710	WATN	1240	WBRE	1340	WCLS	1340	WDSM	1230	WFBR	1300
TI5JMM	575	WATR	1320	WBRK	1340	WCMJ	1340	WDSU	1280	WFDL	910
VAS	685	WATW	1400	WBRW	1340	WCNC	1400	WDWS	1400	WFEA	1370
VOAR	25	WAVE	970	WBRY	1590	WCNW	1190	WDZ	1050	WFIN	1330
VOCM	1005	WAWZ	1380	WBT	1110	WCOA	1370	WEAF	660	WFHR	1340
VONF	640	WAYX	1230	WBTA	1490	WCOC	910	WEAN	790	WFIG	1340
VQWR	700	WAYS	610	WBTH	1400	WCOL	1230	WEAU	790	WFIL	560
WAAB	1440	WAZL	1450	WBTM	1400	WCOP	1150	WEBC	1320	WFLA	940
WAAF	950	WBAA	920	WBYN	1430	WCOS	1400	WEBQ	1240	WFMD	930
WAAT	970	WBAB	1490	WBZ	1030	WCOU	1240	WEBR	1340	WFMJ	1450
WABC	880	WBAL	770	WBZA	1030	WCOV	1240	WEDC	1240	WFNC	1450
WABI	1230	WBAL	1090	WCAE	1250	WCPO	1230	WEED	1450	WFOR	1400
WABY	1400	WBAP	820	WCAL	770	WCRS	1450	WEEI	590	WFOY	1240
WACO	1450	WBAX	1240	WCAM	1310	WCRW	1240	WEEU	850	WFPG	1450
WADC	1350	WBBB	920	WCAO	600	WCSC	1390	WEIM	1340	WFTC	1230

## BROADCASTING STATIONS BY CALL LETTERS

WFTL	710	WHA1	1240	WHL5	1450	WISE	1230	WJRD	1230	WLAP	1450
WFTM	1240	WHAL	980	WHMA	1450	WISH	1310	WJSV	1500	WLAV	1340
WFVA	1290	WHAM	1180	WHN	1050	WISN	1150	WJTN	1240	WLAW	680
WGAA	1450	WHAS	840	WHO	1040	WISR	680	WJW	1240	WLB	770
WGAC	1240	WHAT	1340	WHOM	1480	WITH	1230	WJZ	770	WLBC	1340
WGAL	1490	WHAZ	1330	WHOP	1230	WIZE	1340	WJZM	1400	WLBJ	1340
WGAN	560	WHB	880	WHP	1460	WJAC	1400	WKAQ	620	WLBL	930
WGAR	1480	WHBB	1490	WHUB	1400	WJAG	1090	WKAR	870	WLBZ	620
WGAU	1340	WHBC	1230	WHYN	1400	WJAR	920	WKAT	1360	WLEU	1450
WGBB	1240	WHBF	1270	WIAC	580	WJAS	1320	WKBB	1490	WLLH	1400
WGBF	1280	WHBI	1280	WIBA	1310	WJAX	930	WKBH	1410	WLNH	1340
WGBG	980	WHBL	1330	WIBC	1070	WJBC	1230	WKBN	570	WLOF	1230
WGBI	910	WHBQ	1400	WIBG	990	WJBK	1490	WKBO	1230	WLOG	1230
WGBR	1400	WHBU	1240	WIBM	1450	WJBO	1150	WKBV	1490	WLOK	1240
WGCM	1240	WHBY	1230	WIBU	1240	WJBW	1230	WKBW	1520	WL0L	1330
WGES	1390	WHCU	870	WIBW	580	WJBY	1240	WKBZ	1490	WLPM	1450
WGG4	1240	WHDF	1400	WIBX	1230	WJDX	1300	WKEU	1450	WLS	890
WGH	1340	WHDH	850	WICA	970	WJEJ	1240	WKIP	1450	WLVA	1230
WGIL	1400	WHDL	1450	WICC	600	WJHL	910	WKMO	1400	WLW	700
WGKY	1490	WHEB	750	WIGM	1490	WJHO	1400	WKNE	1290	WMAL	630
WGL	1450	WHEC	1460	WIL	1230	WJHP	1320	WKNY	1490	WMAM	570
WGN	720	WHFC	1450	WILL	580	WJIM	1240	WKOK	1240	WMAN	1400
WGNC	1450	WHIO	1290	WILM	1450	WJJD	1160	WKPA	1150	WMAQ	670
WGNV	1220	WHIP	1520	WINC	1400	WJLB	1400	WKPT	1400	WMAS	1450
WGOV	1450	WHIS	1440	WIND	560	WJLD	1400	WKRC	550	WMAW	1230
WGPC	1450	WHIT	1450	WING	1410	WJLS	1240	WKRO	1490	WMAZ	940
WGR	550	WHIZ	1240	WINK	1080	WJMA	1340	WKST	1280	WMBD	1470
WGRC	1400	WHJB	620	WINN	1240	WJMC	1240	WKWK	1400	WMBG	1380
WGRM	1240	WHK	1420	WINS	1000	WJMS	1450	WKY	930	WMBH	1450
WGST	920	WHKC	640	WINX	1340	WJNO	1230	WKZO	590	WMBI	1110
WGTC	1490	WHKY	1290	WIOD	610	WJOB	1230	WLAC	1510	WMBO	1340
WGTM	1340	WHLB	1400	WIP	610	WJPF	1340	WLAG	1240	WMBR	1400
WGY	810	WHLD	1290	WIRE	1430	WJPR	1340	WLAK	1340	WMBS	590
WHA	970	WHLN	1450	WIS	560	WJR	760	WLAN	1450	WMC	790

## BROADCASTING STATIONS BY CALL LETTERS

WMCA	570	WNEW	1130	WPER	1340	WSAR	1480	WSYB	1390	WWRL	1600
WMEX	1510	WNLC	1490	WPIC	790	WSAU	1400	WSYR	570	WWSR	1420
WMFD	1400	WNOE	1450	WPID	1240	WSAV	1340	WTAD	930	WWSW	1490
WMFF	1340	WNOX	990	WPRA	790	WSAY	1240	WTAG	580	WWVA	1170
WMFG	1240	WNYC	830	WPRO	630	WSAZ	930	WTAL	1340	WXYZ	1270
WMFJ	1450	WOAI	1200	WPRP	1520	WSB	750	WTAM	1100	W9XC	1040
WMFR	1230	WOC	1420	WPTF	680	WSBC	1240	WTAQ	1360	XEA	1370
WMGA	1400	WOCB	1240	WQAM	560	WSBT	960	WTAR	790	XEAA	1340
WMIN	1400	WOI	640	WQAN	910	WSFA	1440	WTAW	1150	XEAB	1600
WMIS	1490	WOKO	1460	WQBC	1390	WSGN	1340	WTAX	1240	XEAC	690
WMJM	1490	WOL	1260	WQXR	1560	WSIX	980	WTBO	820	XEAD	1310
WMMN	920	WOLF	1490	WRAK	1400	WSJS	600	WTCM	1400	XEAG	1280
WMOB	1230	WOLS	1230	WRAL	1240	WSKB	1230	WTCN	1280	XEAI	1320
WMOG	1490	WOMI	1490	WRAW	1340	WSLB	1400	WTEL	1340	XEAJ	1400
WMPC	1230	WOMT	1240	WRBL	1230	WSLI	1450	WTHT	1230	XEAM	1400
WMPS	1460	WOOD	1300	WRC	980	WSLS	1490	WTIC	1080	XEAO	910
WMRC	1490	WOPI	1490	WRDO	1400	WSM	650	WTJS	1390	XEAP	1290
WMRF	1490	WOR	710	WRDW	1480	WSMB	1350	WTMA	1250	XEAQ	1430
WMRN	1490	WORC	1310	WREC	600	WSNJ	1240	WTMC	1490	XEAT	1250
WMRO	1280	WORD	1400	WREN	1250	WSOC	1240	WTMJ	620	XEAU	1470
WMSD	1450	WORK	1350	WRGA	1490	WSON	860	WTMV	1490	XEAW	1570
WMSL	1400	WORL	950	WRJN	1400	WSOO	1230	WTNJ	1310	XEAW	1010
WMT	600	WOSH	1490	WRLC	1450	WSOY	1340	WTOC	1290	XEAX	1270
WMUR	610	WOSU	820	WRNL	910	WSPA	950	WTOL	1230	XEAZ	590
WMVA	1450	WOV	1280	WROK	1440	WSPB	1450	WTRC	1340	XEB	1220
WNAB	1450	WOW	590	WROL	620	WSPD	1370	WTRY	980	XEBA	1270
WNAC	1260	WOWO	1190	WRR	1310	WSPR	1270	WTSP	1380	XEBC	1270
WNAD	640	WPAB	1370	WRRN	1400	WSRR	1400	WTTM	920	XEBG	1550
WNAX	570	WPAR	1450	WRUF	850	WSTP	1490	WWDG	1450	XEBH	920
WNBC	1410	WPAT	930	WRVA	1140	WSTV	1340	WWJ	950	XEBI	1360
WNBF	1290	WPAX	1240	WSAI	1360	WSUI	910	WWL	870	XEBJ	1450
WNBH	1340	WPAY	1400	WSAJ	1340	WSUN	620	WWNC	570	XEBK	1320
WNBZ	1320	WPEN	950	WSAM	1230	WSVA	550	WWNY	790	XEBL	1260
WNEL	1320	WPAD	1450	WSAN	1470	WSVS	1400	WWPG	1340	XEBM	1260

## BROADCASTING STATIONS BY CALL LETTERS

XEBO	1330	XEFI	1440	XEKN	590	XEOK	1430	XETR	1490	YNPH	660
XEBP	1260	XEFK	1450	XEL	1260	XEON	1140	XETU	1460	YSS	638
XEBQ	1450	XEFM	1270	XELA	830	XEON	1420	XETS	630	YV1RA	1300
XEBS	1410	XEFO	1110	XELC	1410	XEOP	960	XETX	1400	YV1RC	1400
XEBU	1260	XEFU	550	XELF	1380	XEOT	960	XETZ	1360	YV1RD	1153
XEBW	1280	XEKN	590	XELH	1460	XEOX	1280	XEU	960	YV1RF	1120
XEBX	610	KEFV	1270	XELJ	790	XEOY	1000	XEUN	860	YV1RK	1250
XEBZ	660	XEFW	810	XELJ	1260	XEP	1300	XEW	900	YV1RW	1370
XEC	1310	KEFZ	1340	XELK	1280	XEPF	1400	XEWE	1420	YV2RB	980
XECA	980	XEG	1050	XELO	1110	XEPH	590	XEWG	1460	YV3RA	1270
XECD	1170	XEGC	1450	XELY	1490	XEPP	1450	XEX	1280	YV3RE	1475
XECF	1330	XEGF	1300	XELZ	1440	XEPX	550	XEXE	1450	YV4RA	1350
XECH	1490	XEGL	1270	XEM	1390	XEQ	730	XEXF	1490	YV4RD	1153
XECL	990	XEGM	950	XEMA	1340	XEQ	940	XEXJ	1280	YV4RE	1400
XECW	1340	XEGT	1490	XEMC	1590	XEQW	1030	XEXN	1400	YV4RL	1430
XECZ	1430	XEH	1250	XEME	1270	XEQK	1350	XEXP	1450	YV4RR	1490
XED	680	XEHF	1370	XEMG	1310	XEQN	1540	XEXQ	1400	YV5RA	960
XEDA	1290	XEHK	960	XEMH	1400	XEOP	760	XEXS	1340	YV5RB	790
XEDF	790	XEHL	1370	XEMJ	920	XERC	790	XEXT	980	YV5RG	1010
XEDF	1260	XEHQ	590	XEMQ	1240	KERH	1500	XEXU	1490	YV5RH	720
XEDH	1340	XEHR	1090	XEML	1550	KERJ	610	XEXZ	1480	YV5RI	590
XEDJ	1450	XEHV	1310	XEMO	860	XERK	1450	XET	990	YV5RL	1160
XEDK	1250	XEI	1400	XEMR	1370	XERL	1280	XEY	980	YV5RQ	882
XEDN	1270	XEJ	970	XEMU	580	XERT	1270	XEZ	600	YV5RZ	1050
XEDP	940	XEJA	1400	XEMX	1380	XERY	1410	XERZ	1240	YV6RA	1400
XEDR	1490	XEJB	1010	XEN	690	YNLG	1000	XES	1300	YV6RE	1080
XEDS	1420	XEJP	1150	XENJ	1430	XETA	1450	XESA	1360	ZN5	790
XEDW	1260	XEJR	1490	XENK	620	XETB	1350	XESF	600		
XEE	1280	XEJX	1450	XENT	1140	XETF	1250	XESJ	1250		
XEF	1420	XEJZ	920	XEO	970	XETH	580	XESM	1470		
XEFB	630	XEK	970	XEOB	1490	XETJ	1150	XEST	1060		
XEFC	1340	XEKL	550	XEOF	560	XETL	1390	XESY	1320		
XEFE	960	XEKJ	1400	XEOH	600	XETM	1350	YNOW	1230		

# Radex Club Section

By ANNE TENNA

The RADEX Club now numbers 2890 members and is still growing. Our membership is spread over all continents and throughout every state in the U. S. A. The club has at least five members in every state but the four which remain unblackened on our map. One need not be a RADEX subscriber to join the club. Any interested Radio fan may apply for memberships. Subscribers are automatically made club members. Anne Tenna has complete charge of club activity. Members may write her c/o RADEX Editorial Office, 105 Highland St., Worcester, Mass.



*The fellow visible above the copy of RADEX is Eddie Strakna of Jewett City, Conn.*

## Alabama:

G. M. Rust, Birmingham (R2736).

## California:

Fred J. Wright, Monterey Pk (R2741); Fred Draeger, Oakland (R2742); Cecil C. Waite, Fresno (R2737); George Behr Jr., Hollywood (2738); R. D. Johnson, Los Angeles (2739) Harold Satterthwaite, Los Angeles (R2740); Victor West, San Rafael (R2744); Waren Leggett, Santa Barbara (R2745); Roy Bachman, Sacramento (R2743); Ernest Dunisch, Sacramento (R2727); Roy Hill, San Francisco, (R2829); L. Gracia Jr. Long Beach, (R2839); James Motton, Long Beach, (R2838); Warren Terriberry, San Jose, (2872).

## Colorado:

Roy Millar, Rosita (R2749); W. D. Carroll, Alamosa (R2841).

## Connecticut:

J. A. Mercier, Hartford (R2750).

## District of Columbia:

Chas S. Werdig, Washington (R2745); W. R. Taylor, Washington (R2751); Charles Reil, Washington (R2752).

## Florida:

A Sheridan, Miami (R2756); Ed M. Vickers, Coral Gables, (R2755).

## Illinois:

Alice R. Adams, Wilmette (R2760); Henry Dehn, Chicago (R2757); James M. Hill, Chicago (R2758); Barnett Cook, Des Plaines (R2759); Eric Bristow, Chicago (R2024); W. E. Goewey, Elmhurst, (R2830).

## Indiana:

C. C. Imus, Gary, (R2761); Paul Weimer, Hobart (R2834).

## Kentucky:

James D. Root, Newport (R2762); J. L. Troutman, Wolf Creek, (R2828)

## Louisiana:

Thorton Wagner, New Orleans (R2763).

## Maine:

Albert D. Conley, Freeport (R2764); Leon T. Blackwell, Portland (R2765).

## Maryland:

L. T. Anstine, Woodland, (R2768); Robert Base, Baltimore (R2766); J. B. Mertie Jr. Silver Spring (R2767).

## Massachusetts:

Edgar Haviland, West Roxbury (R2773); Henry Miner, Wollaston

(R2774); Robert N. King, Needham (R2769); Gilbert Harris, North Adams (R2771); Wm. B. King, Needham (R2770); Wm. C. Gardner, S. Veymouth (R2772).

#### **Michigan:**

C. A. Frey, Grand Rapids (R2778); Neil Richardson, Kalamazoo (R2779); H. G. Peebles, Detroit (R2840); Wm E. Martin, Farmington (R2777).

#### **Minnesota:**

Loren Jenkins, Minneapolis (R2834); Frederick Tadwald, Winona (R2832); John A. Stromwall, St. Paul (R2781); W. R. Thornmeyer, Minneapolis (R2780).

#### **New Hampshire:**

C. W. Thomas, Newbury (R2783);

#### **New Jersey:**

Frank E. Simpson, Montclair, (R2784); Charles Cerami, Newark (R2785); Edward N. Bachman, Englewood (R205); Frank Wood Jr. Summit, (R2786).

#### **New York:**

Walter Madigan, New York (R2796); Joseph Lessell, New York (R2842); C. L. Morgan, Bronx (R2797); Edward Davis, New York (R2793); Don Renolds, Newburg (R2794); Ed E. Nicolassy, Middle Village (R2793); Ernest Jurnsik, Cohoes (R2792); Homer E. Sink, Buffalo (R2790); Andre Maurice, Woodside (R2798); Louis R. Mack, Albany (R2787) Honorable Meier Steinbrink, Brooklyn, (R2788); Robert Sullivan, Brooklyn, (R2789);

#### **North Carolina:**

Harry W. Crane, Chapel Hill (R2843);

#### **Ohio:**

Howard McCard, Cleveland; Charles S. Sutton, Toledo (R2806); James Hubbard, Canton (R2831); Jim McGregor, Elyria (R2878); Harold Strong, Cleveland (R2803); James Neal, Silverton (R2805); O. K. Morgan, Alliance (R2800); Robert Christian, Akron (R2799); M. F. Merchant, Barberton, (R2801); David F. Thomas, Proctorville (R2804).

#### **Oregon:**

R. V. Caldwell, Jefferson (R2807).

#### **Pennsylvania:**

John Spataafre, Philadelphia (R2872); Wm. D. Schraim, Philadelphia (R2811); Wilard James, Scranton (R2815); Caleb Cope, Philadelphia (R2810); T. Stegmeir, Kingston, (2809); Paul M. Spachman, Hatfield, (R2808); Joseph T. Fee, Pittsburgh, (R2813); Austin Wardman, Pittsburgh (R2814); Frank Katz, Philadelphia (R2827); Ellwood Deibert, Walnutport (R2833).

#### **Texas:**

Jack Gould, Junction (R2817); Melvin W. Oliver, Belaire (R2816); M. C. Sowell, San Antonio (R2820); King Fountain, Orange (R2819); G. D. Luther, Kerrville (R2818).

#### **Utah:**

George Mitton, Logan (R2580 Utah 5).

#### **Vermont:**

Edmund Davenport, Chittenden (R2821).

#### **Virginia:**

M. K. White, Newport News (R2823); Ned Burke, Lexington (R2822); James R. I. Fitzgerald Jr. Richmond (R2824).

#### **Washington:**

Cy Young, Seattle (R2837).

#### **Wisconsin:**

Louis F. Rewald, Burlington (R2826).

#### **Canal Zone**

Corporal J.A. Street, Howard Field, Canal Zone. (R2748); J. J. Dudley, Almirante, Canal Zone (R2746); Company H. 5th Inf. Camp Pariso, Canal Zone (R2747).

#### **Canada**

#### **Ontario:**

B. Peer, Guelph (R2732); W. P. Moffatt, Toronto (R2734); W. G. Welsh, Toronto (R2735); Wilfred McDonald, Sudbury (R2729); Tom Durham, Sault Ste Marie (R2890); Bill Wells, Hamilton (R2733); Louis Tamisie, North Bay (R2730);

### British Columbia:

George S. Wilson, Vancouver (R27-31); H. P. Nelson, Vancouver (R27-28).

### Europe

### England:

Frank Lamsley, London (R28355).

## CLUB BUSINESS

This session, dear readers, marks our first report on the activity of a member of our Stations Relations Committee. The purpose of this committee and appointments were discussed in detail last month. Briefly, may I say that it is the duty of the committee members to contact radio stations to determine their attitude toward our hobby and toward the matter of courtesy DX programs. Committee members are:

- R868, Nancy Lee Saxton, 6041 Kenmore Ave., Apt. 7, Chicago, Ill.
- R2551, Leonard Kruse, Jr., 1316 Garfield Ave., Dubuque, Iowa
- R1541, Lincoln A. Mayo, 16 Prefontaine Ave., Montreal, P. Q.
- R1319, Alton Caldwell, 69 Brett St., Brockton, Mass.

Each of these committee members is now busy contacting stations in their home state. We might make better progress if we started with the tough ones. It is suggested that DXers submit to me their list of hard to verify stations and we will have our committee members find out why these stations are not verifying!

In the Editorial in last RADEX, the Editor stated there was no time for the Committee to function. However, the sudden outbreak of war caused the misconception of what it would do to the broadcasters. It now appears that the standard broadcast stations will proceed very much as before with a few key stations maintaining 24-hour watch schedules! So our committee will go on, providing we can enlist enough members to serve on it. We need many more. Have you a little spare time and a typewriter? Why not help us?

From committee member Len Kruse comes the first report and here are the letters received thus far:

Page seventy-four—**CLUB**



*Joe and Al Kaiser, Radexing brothers from Mahanoy City, Pa.*

Dear Sir:

We are always glad to receive DX reports and always answer them provided the necessary postage is enclosed. True a three cent stamp isn't much, but several hundreds of them do mount up.

It is necessary for DXers to give some information regarding the type of program—such as song titles—before we can confirm their report.

Signal strength and interference reports are always welcomed by any station.

Sometimes DXers, who are interested in radio engineering send a report on our actual signal strength in micro volts per meter and frequency deviation. These reports and methods used in determining them are always interesting and warmly welcomed by the broadcast engineers.

Radiocordially,  
Carl W. McGee, Chief Eng.  
KTRI, Sioux City, Iowa

Dear Mr. Kruse:

I was glad to have your letter of January 4th; yes we like the DXers. I don't mind anything if they are perfectly truthful and brief. I don't care about what kind of a receiver they have, etc. And we all hate dissembling!

Yours sincerely,  
Lois Crawford,  
Manager, KFGQ

Dear Mr. Kruse:

Thank you for your letter of January 3. We appreciate your efforts in getting all DXers to send uniform reports.

DX reports are of considerable benefit to the engineering department of KSCJ inasmuch as it gives a check of our sky wave coverage and interference thereto.

Enclosed find a DX card recently received. The engineering department considers this the ideal verification card.

We have never been offended by any DXer report and we are always glad to send a verification card to any DXer.

Very best regards,  
Alvin H. Smith, Chief Eng.  
KSCJ, THE JOURNAL STATION

Dear Mr. Kruse:

In regard to DX, WOC has always verified reports for listeners. Reports are appreciated and we have even put on special programs for such organizations as the Newark News Radio Club.

If the RADEX DXer's Club would like such a program, we have a frequency check on regular schedule which they might use for the purpose.

In case we can be of further help, we will be glad to co-operate, as we are always interested in reports from our listeners.

Very truly yours,  
Ray E. Stauffer, Chief Eng.  
WOC, Davenport, Iowa

There you have the first reports on what may turn out to be the biggest venture ever launched by any DX Club. A venture which we hope will bring about a better hobby.

Now this session also marks the first objection to our plans as outlined in the last issue. Ernest R. Cooper of Brooklyn, N. Y. takes objection as follows:

"It (the plan) sets up RADEX Club as a super Club, with all the others as just subordinates. As a CPC member of the National Radio Club I have arranged many programs for the club. A few stations didn't answer, and a few answered, but decided they couldn't go through with the suggested program. With others I had good results. It is my opinion that right now the National Radio Club is tops among all clubs and as such, I would hate to see it become one wing of a larger club."

Well, Ernie your complaint would be justified if we intended to do what you say. But RADEX Club is definitely not setting itself up as a superior club. The ARDC will be the superior association—not a club. We will not have members and have bulletins or do anything that the clubs do. The ARDC will have one representative from each club on its board of directors and the RADEX Club will have no more representation on that board than any other club!

Naturally the RADEX Club is featured in RADEX. It is our CLUB! But we are very very generously devoting space to all clubs who want to join us in forming this association. When it is formed the RADEX Club will go on as a separate club just as NRC and all the others. The AR-

DC will merely be the means of providing one powerful voice for our hobby. With it we can conduct publicity campaigns making our hobby known to the average person. We can make contest rules and verification counting rules uniform. We can devise a uniform system of reporting. And most important we can bring back a better DXer-Radio Station relationship. Right now the RADEX Club is doing this, but when ARDC gets going it can take over where we leave off. We want our RADEX Club just for our readers' enjoyment just as you want the NRC for yours and other member's enjoyment. If you take objection to our plan for courtesy programs, remember it was merely a suggestion on my part. The ARDC board will decide what can be done on this after it has reviewed some of the letters received from the broadcasters on the subject. I happen to know, Ernie, that you and your CPC acted very sensibly in arranging DX programs contacting only stations which were difficult to log ordinarily and using the best of judgement at all times. Unfortunately this does not always happen on all CPC's! That's why we are doing what we are!

## Mail Bag

R2234 (Joe) and R2221 (Al) Kaiser (Pa.): "We have verified four continents and 13 countries. On broadcast band we have 31 verifications from two countries and 21 states. TPZ sent a nice veri."

I started to verify in 1924 and many of my veries are only memory stations now and can never be logged again. Such stations as ESP (500 watts) in Paris, France; FN on 508 meters in Toronto, Canada with 200 watts; AT9 at Ft. Bragg, N. C.; WPDQ (5 watts) in Buffalo; 2NH in New York City (This is WMCA when they were keeping their location and company a secret); PWX and 6KW in Cuba; CZE and CYB in Mexico, and such U.S.A. calls as BEI, KFOA, KGPC, KFKX, KFQW, KFQB, KOP, WAHG, WBAV, WIAD, WGI, WQI, WRW and many others.

R852, J. I. Vaught (La.): "Please note my change of address to New Orleans. I think you have made a great improvement in the new RADEX."

R1380, J. I. Lucke, Jr. (Ill.): "I have been an SWL for eight years but never tried DXing on the broadcast band until I got the sample copy of RADEX. The doublets were taken down, and three inverted L's were erected. One is 265 feet long, another is 165 feet long, and the last is 58 feet long. The ground consists of two copper plated  $\frac{1}{2}$  inch rods six feet long. The receiver is a Super-Pro. DX to date includes KGMB, KGU, 3LO, 2CY, 4QS, TIEP, TIGP, ten Cubans, nine Mexicans, and fifteen Canadians. My log total is 246 stations. Several other TP's were heard but I don't log them unless call or location is heard."

R2260, Lilly Clark, Rte. 2, Dalton, Ga.: "I have printed some copies of 100% SWL's, one from each state and I will send one to anybody who writes enclosing a 3c stamp."

R2327, Eddie Strakna (Conn.): "Stations certainly aren't verifying any more. It used to be that we would miss one out of ten, now we are lucky to get one out of ten back. Think I'll invent a bootleg station called WQRM and operate outside the three mile limit and QRM all the broadcast stations that will not verify. The hero of the DXers, they'll call me, but the scourge of the BCB stations—and maybe the FCC will be the source of me!" (Maybe you won't have to take such drastic action, Ed. Let's wait and see what our SRC can do about straightening out this situation.—Anne)

George Burnett, 1176 Michigan Ave., Buffalo, N. Y.: "It has been two years or more since I have been DXing, but am in full swing again. I have heard Spanish speaking stations on 1240, 930, 800, 1390, 570, 129, 1250, 980, 1170 kcs. in the early morning. Can anyone help me on these? I would like to come in contact with some local DXer." (Ray Edge please NOTE!—Anne)

Corp. H. J. A. Street (Canal Zone): "The reptiles in the K5AT photograph (used in Ham Hounding in December) are known as Iguanas. They are a sort of tropical lizard and are very common. They are extremely hard to catch, though!"

Louis Tamasic (Ontario): "I have been reading RADEX since 1937 and have logged over 220 stations in two years on the broadcast band. I can't miss even one copy of RADEX. Why not start a technical column about this angle of radio?"

David Thomas (Ohio): "DX has been fair this season. My total log now stands at 2500 stations verified on the standard broadcast and long wave band which includes from 100-1600 kcs. I have 1760 stations verified which are still in active operation."

R2228, Francis Fellers (Mass.): "My best verifications of the season include XGRS, TPZ, 'Radio Maroc', and 'Radio Center Moscow'. Mine was one of the last verifications to come out of Moscow. Other veries include CR7BE, 'Radio Congo Belge', and JVZ."

R2215—Frank Wheeler (Pa.): "My log now stands at 961 received and 235 verified. Best catches among these are YVIBC, 1YA, CX26, FPTT, Fecamp, PRF3, LS11, YV4RA, ZNS, KGU, TGW, VAS, LR5, LRI, HJH, KVI, 10AK, HIX, and HJAR."

R615, Edward F. Shirley (N. Y.): "I'm now using Crosley 6H2 with two bands. So far I have 100 stations on broadcast and shortwave bands. Received my veri from KGMB just a week and two days before the Jap attack."

One of the biggest thrills I can ever remember at the dials was the first time I heard KFI, one night about midnight—that station was the DXer's dream station. Hear KFI in California! I'll never forget it and the thrill it gave me engraved itself in my memory. The Eureka had been accomplished—California (1922-23). The first station I heard was WGAP in Washington, D. C., and my first West Coast station was KHJ, followed by KFI and KFOA. But KFI was DXer's target and it was the most popular, most talked about and desired by DXers. In fact one was not a DXer until he had logged KFI. One thing is sure—TIMES HAVE CHANGED! I hope to continue to enjoy the new RADEX as I always have in the past."

## CHAPTERS

### Louisville, Ky.

James Wilburn, R2421, of Louisville is very anxious to form a local unit of the RADEX Club there. Unfortunately, Jim's address was not on his letterhead, but we have forwarded a list of Louisville, Ky. members to him. Anyone in this area who is interested please write in c/o RADEX.

### Smith Center, Kans.

RADEX Club members in and around this area can contact Ralph Dicker, P.O. Box 86, Smith Center, Kansas, regarding the formation of a chapter there.

There is no further news on any of the other chapters or proposed chapters. We hope that plans are progressing to this is one of the best methods DXers have of aiding in defense. Your local defense workers will appreciate the assistance active DXers, organized and operating, can give them and the hams in your community. Besides that, chapters and chapter meetings are a lot of fun. You can enjoy your hobby better when you have someone with whom to talk over your catches.

## PERSONAL

Many RADEXERS are now in the service of Uncle Sam . . . Some of them personal friends of mine . . . It was a relief to hear from Alice Laudansky that her brother Ed was okay and well. Ed is at Fort Shafter in Hawaii . . . No word as yet from Matty Williams, who is an operator aboard the S.S. Colorado in Pacific waters.

Earl Lever is still at Fort Bragg, N.C., but was home (Worcester, Mass.) for several days just before the holidays . . . Chet Roman wrote us last from Ogden, Utah where he and some other boys from Ford Ord expected to stay but a short time, before moving on to some other destination . . . Chet is by far the best letter writer of the boys who are seeing duty in our country's armed forces. He writes almost every week to RADEX . . . From Chet we have Allan Cadorath's new QRA. Al is overseas with the Royal Canadian Air Force, you know:

(Can.) R10529  
L. A. C. Cadorath, A. B.  
R. C. A. F. % Mrs. Walshe  
32 Foxberry Rd.,  
Brockley SE 4, London.

Chet Roman wants all DXers in the Army, Navy and Marine Corps to write him. His address: Pvt. Chester Romanowicz, Co. "L", Armory, Og- about some mail for Chet?

Elwin L. Gleason was the unfortunate victims of one of the worst calamities that can befall a DXer. His radio equipment, and all SWL and QSL cards were destroyed in a fire which caused damage to his home. All this happened while Elwin was away in Newark. Elwin asks SWL's to send him their cards at 605 South St., Avoca, Pa., where he will attempt to answer all cards. His home is being remodeled and he hopes to start from scratch with a new receiver.

Will Wing Commander H. G. Reed of Canada please write again and

send his new address. Letters addressed to him from RADEX have been returned to us. . .

## THE WEAKER SEX

Anna F. Puzinski, R2590, of Torrington, Conn. is very enthusiastic about starting a DX section for yf's and xyl's in RADEX. Anna thinks that they should start by sending details about themselves and their receivers. Anna wants to start things off by saying that the equipment is a Hallicrafters SX25 Super Defiant, 12 tubes. It is new and no reports have been copied on it yet. Before this she used an RCA Victor 5 tube table model. On this radio all states except Nevada and Oregon were logged. No foreign countries were heard on this receiver, except Mexicans, Cubans, and Puerto Ricans . . . Anna is really more interested in 20 meter phone where she has 19 countries verified in 13 zones and 4 continents. An all wave doublet is available for use with the SX25. Ann lives in a valley surrounded by hills which make DX not too good. "Come on ladies" shouts Anna, "make it OUR RADEX, too!"

## COMPETITION

As this section grows we hope it will become the center of much pleasure for our club members. Some have asked how the Report-O-Meters work. Simple. Points are awarded by the Editor for information used in the Channel Chatter, Shortwaves In Review, and for corrections and additions to our station listings. The vaule of the information as news determines the amount of the score for each report.

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### B.C.B. Report-O-Meter

- 1.—Eddie Strakna
- 2.—Len Kruse
- 3.—Ernest Cooper
- 4.—Weston Richards
- 5.—Bryce D. Ping

Honorable mention to: W. Welch, Wm. Waldman, Phil Bates, and James Critchett.

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### S.W. Report-O-Meter

- 1.—Roger Legge
- 2.—Francis Fellers
- 3.—Art Hankins
- 4.—Arnold Worme
- 5.—Sgt. A. Brummond
- 5.—Buddy Giles

Honorable mention to: W. Richards, L. Stracener, R. Edwards, and J. Stephenson.

### Club Rating

Not many entries yet. We hope eventually to have all active members in this listing. We want your all time DX score on all bands using the same method of romputing score in the RADEX Contest. Total your verifications and multiply them by the number of countries verified.

**All Wave Score:**—Art Hankins (Pa.) 160 stations in 76 countries for 12160 pts.

Art Hankins (Pa) 160 stations in 76 countries for 12160 points.

**Broadcast Band Score:**—Norman Maguire (N. Mex.) 8621 pts.

Norman Maguire (N. Mex.) 8621 points.

How about more scores for this department. Constantly changing totals ought to keep interest in such a listing very high!

### Radex Reporters

- R7, Pa. 1: Arthur M. Hankins, Latrobe, Pa.  
R36, Mich. 1: Carl E. Silvester, Columbia-ville, Mich.  
R101: Weston Richards, Zion, Ill.  
R451: Pvt. Chet Romapowicz, Ogden, Utah.  
R519: George H. Jacobs Cincinnati Ohio.  
R600: Steve Mann, Hanover, N. H.  
R615: Edward Shirley, Jamestown, N. Y.  
R636: Norman Maguire, Albuquerque, N. M.  
R696: Frank B. Lee, Wildwood, N. J.  
R754: Ernest R. Cooper, Brooklyn, N. Y.  
R852: J. I. Vaught, New Orleans, La.  
R1231: Phillip Bates, Phila., Pa.  
R1380: J. Lucke, Jr., Chicago, Ill.  
R1470: Jack Stephenson, Oklahoma City, Oklahoma.  
R1741: Harold A. Whittier, Mansfield, Mass.  
R1843: L. N. Stracener, Baton Rouge, La.  
R1903: Oliverio J. Laperal, Manila, P. I.  
R1978: Bernard F. Arnold, Akron, Ohio.  
R2003: Arnold F. Worme, Brooklyn, N. Y.  
R2006: Buddy Giles, Wichita Falls, Tex.  
R2117: Ralpph Edwards, Norristown, Pa.  
R2126: Bryce D. Ping, Columbus, Ind.  
R2215: Frank Wheeler, Erie, Pa.  
R2221: Al Kaiser, Mahonoy City, Penn.

- R2228: Francis Fellers, Amherst, Mass.  
R2232: Bill Davidson, Montgomery, Ala.  
R2233: Bill Waldman, Asheville, N. C.  
R2245: Charlie Rogers, Delevan, N. Y.  
R2260: Billy Clark, Dalton, Ga.  
R2309: George Wells, Warwick, R. I.  
R2322: Harry Craddock, Chicago, Ill.  
R2327: Eddie Strakna, Jewett City, Conn.  
R2377: Jim Davis, Rochester, N. Y.  
R2406: Will Taylor, Knoxville, Tenn.  
R2421: J. Wilburn, Louisville, Ky.  
R2462: Peter McElroy, Baltimore, Md.  
R2466: Ed Hocking, E. Weymouth, Mass.  
R2502: Carl Vogel, Cam Taylor, Ky.  
R2551: Len Kruse, Dubuque, Iowa.  
R2590: Anna Puzinski, Torrington, Conn.  
R2605: Walter E. Welch, Lynn, Mass.  
R2647: Paul Harrington, Laurelton, N. J.  
R2700: Ralph Dicker, Smith Center, Kans.

The following are either non-members or reporters who failed to display their number on their report:

- H. H. Chambers, Narragansett, R. I.  
St. Sgt. A. W. Brummond, Fort Houston, Tex.  
Edward J. Hocking, E. Weymouth, Mass.  
George Burnett, Buffalo, N. Y.  
Charles C. Norton, Oakland, Calif.  
Roy Miller, Rosita, Colo.  
Ernest Cooper, Brooklyn, N. Y.  
Walter Madigan, Brooklyn, N. Y.  
Frank Corvell, Cleveland, Ohio  
A. McIntyre, Vancouver, B.C.  
Marc Javens, Howey in the Hills, Fla.  
Peter A. Clarius, Staten Island, N. Y.  
Cabel Cope, Philadelphia, Pa.  
J. N. Thivierge, CHRC, Quebec City, Canada  
Arthur Grant, Monroe, La.  
John D. Long, Dalton, Ga.  
Elmer R. Nelson, Washington, D. C.  
Gordon Ling, Belleville, Ont.  
Ondre Maurice, Woodside, N. Y.  
Israel Fener, Vista, Calif.  
E. L. Near, Toronto, Ont.  
Lou Tamasie, North Bay, Ont.  
Geof. Shaljean, Mddx., England  
Leonard Zell, Portland, Oreg.  
Charles P. Atherton, Marblehead, Mass.  
W. L. McFadden, Upper Darby, Penn.  
Vincent M. Poll, Dubuque, Iowa  
Al Pickering, West Medway, Mass.  
Edward Laudansky, Fort Shafter, T. H.  
Lee Camp, Jr., Moosic, Penna.  
Robert Koppelon, Newark, N. J.  
Harold G. Pfitzer, Cincinnati, Ohio  
Corp. Harold J. A. Street, Howard Field, Canal Zone.  
Ray B. Edge, Buffalo, N. Y.  
James D. Root, Newport, N. Y.  
David F. Thomas, Proctorville, Ohio  
Donald Staples, E. Bridgewater, Mass.  
Eilen Phelps Crumpp, Yuma, Miss.  
Warren Brown, Ashaway, R. I.  
Arthur Cushen, Invercargill, N. Z.  
Elwin L. Gleason, Avoca, Penna.  
Truman H. Newberry, Detroit, Mich.  
Read & Gordon, Delevan, N. Y.

### USE

### RADEX CLUB STATIONERY

## ASSOCIATED CLUBS

### National Radio Club

Dick Cooper has revamped the Courtesy Programs Committee of this club so that it very nearly confirms with the ideals of our Association of Radio and DX Club. The NRC never contacts a station that can and has been logged over and over again by DXers for special programs. These stations as a result of any such programs never receive much mail because everyone would rather stay in bed than get up to listen to a station he has logged many times. Ray Edge, NRC Editor, is very much in favor of our ARDC plan and hopes sincerely for its success.

### Universal Radio DX Club

The DX tip program on WIBM in Jackson, Mich. (1450 kcs.) has been changed to 11:30 p.m. on Mondays. The program never went on at the original time as the war caused the station to schedule a war news program in its place. WIBM is a member of the NBC Blue Network. Lee Chadwick, well known DX Newscaster, formerly with WTAR and WPID is announcer for the program.

### Short Wave Listener's Registry

The Anthracite Radio Listener's League is the club which acquired the SWLR from its former owners and originators. Since the SWLR has been operating, the ARLI has gone out of existence, but most of its members are still active. Quite a few clubs are being organized with the same purpose as the SWLR, but this is the original SWL Registry! Lee Camp, Jr., is President.

### World DX Alliance

No word nor bulletin from this club for some time. We sincerely hope

that this club has not ceased activity, but outward conditions point toward this. It is hoped that the club headquarters will contact RADEX to see if we cannot arrange some way so that all members will not lose the money invested in memberships. Will the director of the WDXA please contact RADEX immediately?

### American QRA Club

L. N. Stracener, of Baton Rouge, La., is the president of this club for SWL's, which has just become one of our Associated Clubs. Next issue will carry more news on the AQ-RAC.

### Grand National SWL Club

George H. Jacobs, President, writes "You're doing great work, keep it up!" GNSWLC is going great guns since organized. We're trying to make it the best in the world! Count on us to co-operate with RADEX 100 percent at all times. Harold G. Pfitzer of the Queen City Chapter of GNSWLC also writes regarding RADEX cooperation.

ADDRESSES OF ALL ASSOCIATED CLUBS WILL BE FOUND ON INSIDE FRONT COVER OF RADEX. Join as many of these clubs as you can. They perform a real service to the hobby.

RADIO — DX — SWL

## CLUBS

JOIN US IN OUR EFFORT TO BRING ABOUT A UNITED FRONT FOR OUR HOBBY. WRITE RADEX FOR DETAILS.

**SAVE TIME**

**SAVE EFFORT**

**Do you waste time?**

Figuring and counting on your fingers is a very slow and inaccurate method of converting the time in various parts of the world to GMT or EST. Make up your mind now to spend a quarter for a RADEX Time Converter and Map of the World. Just a twist of the wrist and the desired time stares at you as that.

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YOUR NAME (Please print) .....

STREET .....

CITY and STATE .....

## Radex DX Calendar

This department will naturally be curtailed as very few stations will be scheduling regular or even special tests, and all scheduled tests are subject to cancellation if the government officials think it necessary. All time is **Eastern Standard Time**. DX-ers should bear in mind, though that many stations are apt to come on the air on unannounced tests or to broadcast special events and news, thus providing opportunity to hear many stations which are not ordinarily heard. The injection of an air of mystery in hearing a test or special program from a station which you hadn't expected to be broadcasting adds a lot more fun to DX, we think. More like what the hobby used to be in the early days when very few DX programs were pre-arranged to make it simple to log the stations.

### Saturday Morning, February 21st

2:00-3:00 a.m. WJRD, 1230, Tuscaloosa, Ala.  
3:00-4:00 a.m. WKNY, 1490, Kingston, N.Y. (NRC).

### Saturday Evening, February 21st

10:00-10:30 p.m. 1IP5G, 11780, Panama City (RADEX)  
10:00-10:30 p.m. HOA, 2340, Panama City (RADEX).

### Sunday Morning, February 22nd

2:00-3:00 a.m. WGCM, 1240, Gulfport, Miss (GNSWLC).

### Monday Morning, March 2nd

2:00-3:00 a.m. WMIS, 1490, Natchez, Miss. (GNSWLC).

## PROPAGANDA (Cont.)

Broadcasting is new to war. In the World War there was only wireless telegraphy to contend with and to a very limited extent. Today the world is radio conscious, and broadcasting has recognized value for influencing peoples. Yet much the same propaganda methods used before the days of radio have been adapted to broadcast in war time. Though air technique is different, there is much reliance in the old devices of exaggeration, suppression, distortion, appeals to selfish prides and interests, and exploitation of prejudices and jealousies. Some types of broadcast propaganda are aimed at the masses, while others seek to cultivate groups and factions.

The FCC's broadcast monitoring facilities are on continual watch for significant news not available in the regular press and radio dispatches, as well as news and comment directed against the United States. It closely examines this material for evidence of changes in foreign policies and military strategies, and shifts in propaganda treatment. The resultant reports identify the major themes and arguments, evaluate the flow of broadcasts and estimate effects. Upon receiving these reports, respective Government officials can determine any necessary counter move or action. Of course, all reports by the Foreign Broadcast Monitoring Service are confidential and not of public issue.

### Broadcast Stations of The Philippine Islands

618.5 kcs., KZRM, Manila  
710 kcs., KZRH, Manila  
780 kcs., KZRF, Manila  
900 kcs., KZIB, Cebu City  
604.3 kcs., KZIB, Cebu City  
6140 kcs., KZRF, Manila  
6490 kcs., KZAB, Quezon City  
9500 kcs., KZIB, Cebu City  
9570 kcs., KZRM, Manila  
9640 kcs., KZRH, Manila

This list furnished by Oliverio J. Laperal before the outbreak of hostilities in the Philippines.

Your accurate shortwave reports  
are useful to defense.

Send them to **RADEX** often and use  
fastest mail possible on special items.

**REMEMBER PEARL HARBOR**  
Let's **KO** the **JO**'s.

## USE RADEX CLUB STATIONERY AND REPORT FORMS

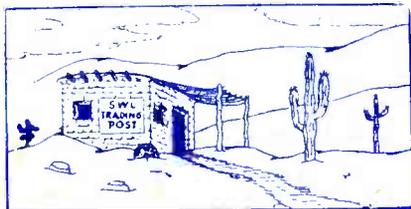
100 Sheets Stationery—85c, 50 Sheets—45c  
50 Report Forms—50c

**ORDER FROM RADEX, 148 COPLEY AVENUE, TEANECK, N. J.**

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## SWL TRADING POST

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Request for exchange of SWL Cards must be accompanied by the sender's own card. No responsibilities are assumed by Radex.

M. E. Wagner, 1443-31st St., Des Moines, Iowa. (SWL Cards only)

Peter J. McElroy, 1830 N. Duncan St., Baltimore, Md. (Correspondence)

Don Wattenbarger, 9 Oakdale Ave., Mil Valley, California. (SWL Cards)

J. I. Vaught, P.O. Box 1424, New Orleans, La. (Correspondence)

Billy Clark, Dalton, Georgia, (SWL Cards.)

Jim S. Davis, 32 Monterey Pkwy., Rochester, N. Y. (Correspondence)

Norman E. Lank, 932 Wilder Ave., Montreal, Quebec, Canada. (SWL Cards)

Joe & Al Kaiser, 418 West Markte St., Mahoney City, Penn. (SWL Cards and Photos)

Robert Gierzniewski, 225 No. Sheridan St., Bay City, Michigan. (SWL Cards.)

Weston Richards, R. F. D. Box 299, Zion, Ill. (Correspond with B. C. B. Dxers in Canada and Australia, in English. Also correspond with B. C. B. Dxers in Latin America in English or Spanish. Also trade postmarks)

Charles O. Burch, 336 Allien Place, Port Arthur, Texas. (SWL Cards)

Edward J. Hocking, 9 Lambert Ave., E. Weymouth, Mass. (Correspond in States only)

Logan Lawson, 1403 Christy Ave., Louisville, Kentucky. (SWL Cards)

Arthur Sloper, 1069 Fell St., San Francisco, California. (SWL Cards) latter. Thus reports R2605 (Mas).

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## GIBRALTAR

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By CHARLES RAMIREZ G.

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This important territory belongs to Great Britain since 1704; civil population is around 18,000 inhabitants most of them spanish-speaking people. The district contains the Gibraltar peak and suburbs containing only two square miles. First of all, Gibraltar is a military, naval, and air possession of great strategic importance. Military population is around 4,000 souls; of these people, only a few knows how to speak Spanish, but everybody speaks english. There is no broadcasting station, but a few months after the war started, a ham station was heard from time to time. There are 921 licensees for radio receivers. Reception is too difficult there, due to the great interference of the naval stations and the ones on board of ships. License costs 10 shillings a year. International call prefixes for Gibraltar are ZB2 followed by one or two more letters.

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## ENGLISH NEWSCASTS

In Far East

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- 12:30-12:45 a.m. JZI Tokyo on 9535 kes. (Axis Censored)
- 1:00-1:15 a.m. VL6-3 in Melbourne on 11710 kes.
- 7:30-7:45 a.m. VL6-2 in Melbourne on 9540 kes.
- 7:30-7:35 a.m. VUD Delhi, India on 9590 kes.
- 6:00-7:55 p.m. Radio Center Kubishev on 15230 kes.
- 6:00-6:20 p.m. JLG-4 on 15100 kes. and JZJ on 11800 kes. (Axis Censored)
- 6:45-7:10 p.m. XGRS in Shanghai (Axis Censored)
- 7:00-7:20 p.m. Saigon Fr. Indo China, 11780 kes. (Axis Censored)
- 9:45-10:00 p.m. VUD in Delhi, India on 9590 kes.

This list supplied and compiled by Francis Fellers—R2228!

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**HELP KO THE JO'S WITH DEFENSE  
STAMPS AND BONDS**