

RADIO IN DEX

The All-Wave Log Authority

DECEMBER, 1941

No. 147

A Veri Merry



Christmas

OFFICIAL ORGAN

of

RADEX CLUB

and

Associate Clubs

IN
CANADA
35c

NRC
SWLR

URRDXC
WDXA

30c

Radex DX Forecast

For DECEMBER, 1941

DX Conditions during December are generally very good. During this month, TA reception in the East becomes commonplace and not too much patience is needed to strike a night where there are several Europeans breaking through. This holds true for Eastern and North Central states, however, after the Mississippi is crossed the signals from across the Atlantic become rarer. There have been records of TA reception on the West Coast, but such events do not occur every season.

As for Latin Americans they should continue to be good all over the nation and it is no uncommon experience to find the dial over-ridden with Spanish speaking stations on a December evening.

TP's will be more difficult to log in the East this month and next than at any other period during the season, but West coasters should find little difficulty in hearing them. When we speak of TP's we refer to New Zealand and Australian stations. Japanese and other Asiatic stations ought to be better this month than at any other time in the season, but chances of hearing these stations in the East are as unlikely as TA reception in California.

For those who DX for domestic stations, December is an ideal month. Less static, stronger signals, and longer nights tend to add to the attractiveness of December as a DX month.

Christmas DX

And remember that Christmas morning finds many a Latin American station staying on practically all night. As we recall, last season found all the Costa Rica stations on the air long after midnight, as well as several stations in Columbia, Venezuela, Cuba, and other countries.

Foreign DX Heard

While glancing through a recent issue of RADEX, your editor concentrated on the Amateur Calls Heard department. Reading and re-reading it, a little idea began to take form and soon we had the outline for what we are about to present below. A completely tabulated list of all the foreign DX stations heard and reported by our readers since the last issue. Using this list as a guide, and bearing in mind that most of the catches were made during October and early November, see how many new stations you can log! And keep us posted on what you hear—others will be interested.

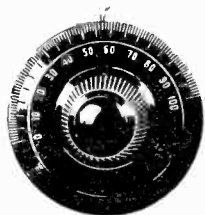
A few explanatory notes are in order. The frequency in kilocycles is listed first, then the call, then a number signifying time the station was heard (see code) and lastly the small letters indicating the reporters who heard the station (see list at the end of this article).

Code

- 1.—means the station was heard between 6-9 p.m.
- 2.—means the station was heard between 9-p.m.-mid.
- 3.—means the station was heard between mid-3 a.m.
- 4.—means the station was heard between 3-6 a.m.

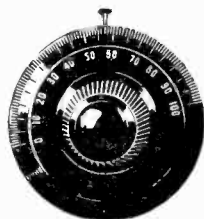
Calls Heard

- 550 kes. CFNB 1-2 (j)
- 570 kes. CMHI 1-2 (aj)
- 590 kes. KGMB 4 (be)
- 590 kes. CMCY 1-2 (jx)
- 620 kes. WKAQ 1-2 (ajk)
- 625 kes. TIPG 2 (j)
- 640 kes. VONF 1 (j)
- 640 kes. YSS 2 (j)
- 690 kes. CMQ 2-3 (aj)
- 720 kes. TI4NRH 1 (a)
- 720 kes. HJCU? 1 (j)
- 730 kes. XEQ 2 (f)
- 730 kes. XEDP 2 (fj)



RADIO INDEX

Reg. U. S. Patent Office



EIGHTEENTH YEAR

DECEMBER 1, 1941

NO. 147

RAY LA ROCQUE, *Editor*

MELVIN FISHER, *Western Editor*

OWEN P. CALLIN, *Amateur Editor*

B. FRANCIS DASHIELL, *Technical Editor*

All material for use in RADEX as illustrations, readers reports, news items, suggestions and criticisms, in short all editorial material except that intended directly for either the Western or Amateur editors (addresses published elsewhere) should now be addressed to the new RADEX Editorial Office.

All subscriptions, requests for plaques, or for purchases of any articles advertised for sale by RADEX should be addressed to the RADEX Business Office.

RADEX Editorial Office
105 Highland Street
Worcester, Mass.

RADEX business Office
148 Copley Avenue
Teaneck, N. J.

Table of Contents

World DX Alliance	2
Control Room Chatter	3
Channel Chatter	4
Shortwaves in Review	8
Questions and Answers	15
Coast to Coast	16
LATE FLASHES	21
Radex Club	22
Frequency Modulation	27
Ham Hounding	30
SWL Trading Post	35
Veri News	36
Ham Calls Heard	37
DX Calendar	38
Shortwave Stations	41
Month's Changes	50
Broadcast List	51

What's New

In this issue we introduce several new features, most important of which is Control Room Chatter—a department of by, and for our radio station operators and technicians. . . . Veri News and New Veris presents quick glance at what the stations are sending for verifications. . . . Ham Calls Heard are back in RADEX and BCB Calls Heard are a new feature of our DX Forecast. . . . FM List and BCB Stations by Locations are omitted to make space for a List of FCC and other test programs, as well as for the BCB List by Call Letters. Henceforth these features will appear in alternate issues and will give our readers more news in our limited space. Our limit now is 80 pages. What we need is more Vitamin "S". (See page 80).

RADEX—Published monthly except May, June, August and October by The Radex Publishing Co., 148 Copley Ave., Teaneck, N. J. Subscription in the United States and Possessions and in Cuba and Mexico, \$2.00 per year; \$2.40 per year in Canada; all other countries, \$2.25 per year. Single copies, 30c; in Canada, 35c. Entered as second-class matter March 14, 1940 at the Post Office at Emerson, N. J., under the Act of March, 3, 1879; additional entry as second-class matter at Paterson, N. J. Copyright 1941, by The Radex Publishing Co.

PRINTED IN THE U.S.A.

Presenting

THE WORLD DX ALLIANCE

This is the second in a series of articles on the radio DX clubs. Another club will be presented next month.

The World DX Alliance had its initial debut as a Radio Club on December 15th, 1938. It first began its operation in Perth Amboy, New Jersey. The Club was organized by persons wellknown in the DX World, as a non-profit Organization, its sole aim being to assist its Members in logging Stations, by securing Special DX Programs for WDXA members as well as by maintaining a friendly relationship among its Members.

The WDXA Publication features a complete, mimeographed Bulletin, containing all the latest available DX News on the Broadcast; Short-wave; Amateur "Ham" Bands, and a SWL Card Swappers Column edited by DX'ers specializing in these various branches. There are also DX Tips and Programs dedicated to the WDXA as well as other DX Clubs throughout the U. S. A. and in foreign Countries.

The WDXA is also offering many valuable Prizes each month to its Members for special performances. The Bulletin is issued on the 1st and 15th of each month during the DX Season from October 15th to April 30th, inclusive, and once a month during the Summer. The Dues for a Membership in the World DX Alliance are very reasonable. Complete information as well as a Sample Bulletin will gladly be sent upon receipt of a 3 cent stamp to cover cost of mailing and handling.

Recently the WDXA moved from Perth Amboy, New Jersey to its new and enlarged quarters in New York City and after installing new Type-writers, Mimeograph Machines and

enlarging its editorial Staff, is now able to serve its many Members with the utmost efficiency, hence the Club Slogan: "For the very latest DX News FIRST — ITS THE WORLD DX ALLIANCE. The Editorial Staff is composed of the following wellknown DX'ers: Erick R. Johnson, Director and its Broadcast Band Editor; Peter A. Clarius, Chairman of the Courtesy Program Committee; Mrs. Bee Catalano, Short-wave Editor. Incidentally, the WDXA is the only DX Club which can boast of a woman Editor who really knows her Short-wave DX. George Eder is Amateur "Ham" Editor; Eugene Francis; Editor of the SWL Card Swapper Column; Walter Holoob, Special Feature Editor, and other Contributors. The World DX Alliance has in the short space of a few years grown to be one of the accepted DX Clubs with Members throughout U. S. A., Canada, Cuba, Mexico and several European as well as South American countries. Any DX'er who is interested may secure further particulars by addressing its Director, Erick R. Johnson, P. O. Box No. 2,—Wakefield Station, New York City, New York. A three-cent stamp will bring you a Sample Bulletin and all Information about the WDXA.

CLUB DIRECTORS

Contact Radex Editor to have your club presented.

Control Room Chatter

Personal Notes About Station Personnel

This NEW feature of the NEW RADEX is devoted to the Chief Engineers at the various radio stations and the men who work with them. How about it, boys, this is your column. The success of this feature depends upon the notes you send us about yourself and the rest of the boys at your station. We would especially like notes of a personal nature that have a general interest, such as odd happenings at the station that you think the boys at some other station might like to read. And if you want to boast of some accomplishment, this department is where you do it! And don't forget we're open to suggestion for improving this little section!

Dave Jefferies, who does the Chief Engineering at WCED in Dubois, Penna., is proudly displaying that station's first authentic report from California. WCED has heard from twenty-one states and the province of Ontario on their 4-5 a.m. broadcast, scheduled for the last Tuesday of each month.

George Fariss, who also is Chief of the Engineers—he's at WGPC in Albany, Georgia, answers all DX mail personally. Listeners who write them do not receive a printed card or form but a personal letter on the station's attractive letterhead.

Gene Flaherty, manager at KSCJ in Sioux City, Iowa, if we are to judge from the results, really spent some time to please the DX listeners when he designed the new KSCJ verification card now being used by that station. The card is illustrated in this issue of RADEX.

George Comte, on the announcing staff at WTMJ in Milwaukee, was recently rewarded for his fine work by being assigned to cover the Wisconsin Symphony's concerts at the Milwaukee Auditorium. George will act as commentator during the broadcasts. . . . And incidentally, George—

together with Roy Peterson, WTMJ's musical director, have collaborated in writing a new University of Wisconsin fight song called "Forward Wisconsin."

Brief Notes

Our old friend Mort Blender who used to handle those early morning DX periods over WCOP a few seasons back has since become one of Boston's most popular announcers and commentators. S'a long time since we've heard from ya, Mort. How about a word or two from you on how ya like this new department we've just inaugurated? . . . And while we're renewing old acquaintances, it would be pleasant to hear from Enrique Hidalgo, our Cuban friend who used to be DX announcer at CMHJ.

Holly Wright and Gil Hodges are the "Johnny on the spot" boys at WTAG in Worcester, Mass. They're the announcers who cover all the special events. Whoooo-eee cries the siren on the snappy white emergency truck which carries the WTAG mobile unit to the scene of a major occurrence, and Gil and Holly are off again with their assistants to describe the news to WTAG fans while it is being made. The whole crew is to be commended on their coverage of the recent kidnapping in Fitchburg at which time WTAG remained on the air after hours carrying news to anxious listeners and broadcasting instructions on the care of the infant to the kidnappers. . . . While Gil and Holly speed around the city in

(Continued on page 4)

Channel Chatter

By the Eastern and Western Editors

Standard Broadcast news of the world compiled almost exclusively from reader reports. Acknowledgement and list of reporters are found in East and West Coast columns. E. S. T. is used in all items except those in Italics which are exclusive West Coast items where P. S. T. is used. Report of foreign DX heard will be found elsewhere in our DX Forecast.

570 kcs.

KVI over-rides KMYR on this channel until 3 a.m. according to Cooper (N. Y.) WMCA is QRM'd (Conn.) each night by CMHI and WSYR. . . .

580 kcs.

WILL in Urbana, Ill., broadcasts daily except Sunday from 8 a.m. to 6 p.m.

590 kcs.

WAGA, "Atlanta's Wave of Welcome" station will very soon be operating on this frequency with 5000 watts.

600 kcs.

WSJS is now NBC Red Network exclusively. . . .

610 kcs.

KDAL in Duluth, Minn., is now on this frequency and uses 1000 watts day and night according to Ryan Halloran, DX Announcer. (R2167—Len Kruse). . . . WSGN is now operating on this frequency.

640 kcs.

VONF is usually tops on this channel from 8-8:45 p.m., but YSS is heard after this time, according to Steve Mann.

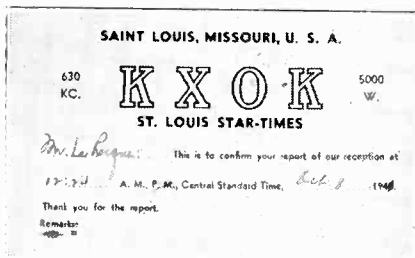
650 kcs.

WSM is heard well in western Canada (Stoneman—B. C.)

Page four

660 kcs.

KSKY the new radio voice in Dallas, Texas took the air officially early in October.



KXOK's simple, but neat veri.

680 kcs.

WISR in Butler, Penna. is now broadcasting regularly. Cliff Gorsuch, Chief Engineer, is verification signer. . . . WLAW, Eddie Strankna believes, must cut its power at sunset as the signal becomes almost inaudible from an R7!

690 kcs.

CMQ and CBF stage a good battle until 11 p.m. when CMQ blasts through loud and clear.

700 kcs.

W8XO conducts regular tests from 11:50-midnight every Saturday, using 500 kw. Benny Miller—R2368 submits this tip.

(Next page, please)

CONTROL ROOM

the WTAG cruiser, WORC's Russell Brooks is content to get where he's going on a bicycle. And it's much better exercise, too!

710 kcs.

KIRO is being heard behind WOR late at night by Eddie Strakna (Conn.). . . .

720 kcs.

A Spanish speaking station is being heard regularly behind WGN by Steve Mann (N. H.). Station is presumably HJCU, Radio Cristal, Bogota.

730 kcs.

XEQ in Mexico City is now on this channel using 50000 watts, having exchanged frequency with XEDP which is now on 940 kcs.

750 kcs.

WHEB in Portsmouth, N. H., has its studios and transmitter equipment located in a welded, all steel panel building, which is the first of its kind in the U. S. These panels are packed with flakes of mica, making it sound-proof. Transmitting tower is 30 ft. high. Antonio A. Vaccaro, second engineer signs the verifications. (R2167). . . .

760 kcs.

KGU can be heard well after WJR signs off at 9 p.m. (Stoneman)

810 kcs.

Fred Anderson, stationed with the army in Manila, tells us that there is a Chinese station, XGOW, location unknown, operating on this frequency with 50,000 watts.

820 kcs.

WAIT (formerly WCBD) can be heard every morning at 6 a.m.

830 kcs.

WNYC comes on the air every morning at 7 a.m., including Sunday.

850 kcs.

OAX4A was heard on 854 kcs. at 8:10 p.m. Reported by Larry Yarnes!

880 kcs.

YV5RQ is sometimes audible behind WABC, but not much chance of really bringing it in Eastern part of this country. . . .

Station believed to be Caracas, Veneque-la, was heard on 883 kcs., just a shade above WABC, by L. E. Yarnes.

900 kcs.

CHML and XEW have a regular argument for supremacy of this channel nightly. XEW is in the clear when CHML goes off. CJBR is among the missing (Strakna—R2327).

910 kcs.

WJHL is now a member of the National Broadcasting Co. . . .

920 kcs.

CKNX in Wingham, Ontario was first noticed using 1000 watts on October 7. CKNX is silent from 2-5 p.m. daily according to R1920—Canada. . . . KFPY is on the air from 9:45 a.m. to 3:00 a.m. (R1843—Stracener).

940 kcs.

XEDP drowns CBM's signal to a whisper nightly!

950 kcs.

KFEL is now a 24-hour schedule.

970 kcs.

WAAT is now on every morning except Monday—all morning.

980 kcs.

WTRY is now on unlimited time, on the NBC-Blue Network, and sign off at 12:05 a.m. daily. . . . KFVB can be heard signing off at 3 a.m. with QRM from CJRM. . . .

1000 kcs.

CMKW is heard with R5 signals after WINS signs off. . . .

1010 kcs.

XEAW in Reynosa is being heard by many Radexers on this channel as well as on 1570 kcs. Programs are usually different on both stations and XEAW on 1010 is loud and clear during the early morning hours. Station signs off late and comes on the air very early in the morning.

CMX in Havana can be heard before 9 p.m., at which time KFVD comes on the air. (Hanisch.)

1020 kcs.

Mysterious English speaking station heard once from 9 p.m. (when they came on) until about 10 p.m. under KDKA. It was heard only once. (Eddie Strakna).

1030 kcs.

WCAR in Pontiac, Michigan QRMS WOV in the early evening before the former signs off. There is a terrible hum on WOV during the evening. (Eddie Strakna). . . . WBZA can be heard testing immediately after regular WBZ-WBZA sign-off at 1:00 a.m. on the 1st Sunday of the month. Test lasts five minutes. (Crain—N. J.)

1060 kcs.

KYW is QRM'd by a Mexican station believed to be XEST. . . . XEST actually over-rides KYW, according to Benny Miller—R2368, Spring City, Tenn.

1070 kcs.

WIBC in Indianapolis, Ind. is a member of the Mutual Broadcasting System. . . . Sgt. A. W. Brummond of Fort Sam Houston, Texas reports a Latin American on this channel using marimba music and featuring a saxophone. No announcements were heard for 45 minutes. . . . CBA suffers much more from QRM now than before re-allocation, but it is still an R9 station throughout New England and other Northeastern states.

1080 kcs.

LR1 "hasbed" KNX from 7:45-8 p.m. (Yarnes)

1110 kcs.

WMBI usually QRM's WBT before its sign off in the early evening.

1130 kcs.

WCAR comes on at 4 a.m. daily, as per Ernie Cooper (N. Y.)

1150 kcs.

CHSJ can be heard through local WCOP as early as 4 p.m. states Alton Caldwell, of Mass. . . .

1170 kcs.

WWVA is now NBC Blue Network station. . . .

1190 kcs.

WOWO inaugurated its 50000 watt transmitter on October 29th! XELO is now using this frequency and sign off at 2 a.m. in Spanish and English. . . . HJAN on this channel

is undoubtedly the easiest South American to log this season. The Colombian is very often louder than any other station on the channel, especially during the early part of the evening.

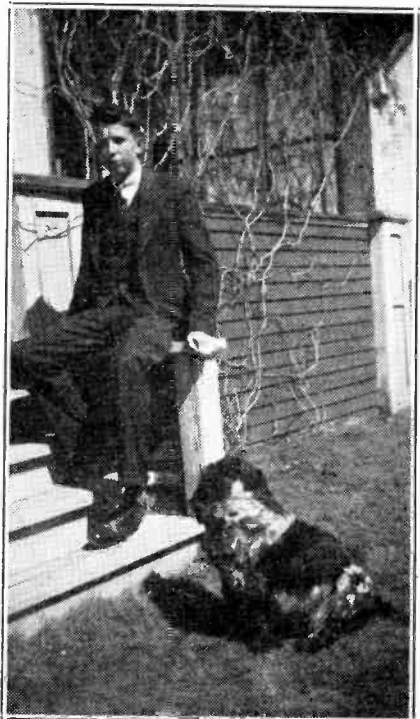
1220 kcs.

WGNV is now using this channel daytime only. . . . CHAB is in the clear from 2-2:15 a.m. after XEB has signed (Cooper—N. Y.)

1230 kcs.

WITH is on 24-hours daily except from 3-5 a.m. on the second week of the month. . . . WBOC is now on this channel and sign off at 12:05 a.m. daily. . . . CKTB heard late several nights with sports broadcasts. . . .

WCED in Dubois, Penna. continues to hold regular tests on the last Tues-



*Radexer Allen G. Hooker
Liberty, Sask.*

day of each month from 4-5 a.m. at which time WITH is silent, according to Dave Jefferies, Chief Engineer at WCED.

1240 kcs.

KMAC is now on this channel, having completed the change from 1400 kcs. WGGA reported testing by Ernie Cooper, should now be on the air. . . . WJW is now a Mutual outlet. . . . WOCB is listed as Hyannis, Mass., but announce as West Yarmouth, Mass. . . .

1250 kcs.

KWSC heard on a dancing party program at 2:30 a.m. by Al Caldwell (Mass.). . . .

1260 kcs.

KFGQ is moving to this channel with 250 watts, daytime only. . . . WOJL is silent on Monday mornings—so says Ernest Cooper. . . .

1270 kcs.

KFJZ is on 24-hour a day schedule again. . . .

1310 kcs.

WISH can be heard every morning until 2 a.m. . . .

1320 kcs.

WNEI is being reported by many RADEXERS as an easy catch on this frequency in the early evening.

1330 kcs.

WBBR comes on the air Monday through Friday at 6:30 a.m.

1340 kcs.

WEIM is now on the air. . . . WRAW has a test on the first Monday of the month from 5:30-6 a.m.

1360 kcs.

A mysterious station is reported by Ernest Cooper on 1365 kcs. around midnight. . . .

1400 kcs.

KTNM in Tucumari, New Mexico started operations on October 5th, according to Lester Krasin, Chief Engineer at the station. KTNM has no date for test programs as yet. . . . WKPT in Kingsport, Tenn., has "The Nation's Model Station" for a slogan.

. . . WSRR is now on the air, schedule as furnished by Ernest Cooper: 6:30 a.m. to midnight. . . . WJLB now on the air from 5 a.m. to 1:30 a.m.

. . . WDWS's letterhead bears the call letters WAHJ, WBGH, WENW, and WEGV. Len Kruse wants information on these stations. (They are evidently mobile transmitters used by the station to cover special events—RL). . . . KFVS operates from 7:30 a.m. until 11 p.m., according to R2193—Bernhard Keiser. . . . WKWK is now a CBS station according to Cary Sampson. . . . WJZM in Clarksville, Tenn. is now on the air regularly.



Here's Arthur Cushen of Invercargill, N. Z. He is prominent in Mel Fisher's columns.

1420 kcs.

WOC in Davenport, Iowa informs Len Kruse (R2167), through their Ray Stauffer that the present defense needs may hold up their change to this frequency from 1450 kcs. Until new equipment is received, WOC will remain on 1450 kcs.

XEON has shifted frequency from 1140 kcs. (Hunisch)

1450 kcs.

WHLN in Harlan, Ky., sends a
(Please turn to page 50)

Shortwaves In Review

By EASTERN AND WESTERN EDITORS

News of the world compiled by your editors from reader reports and other sources. Items submitted exclusively by one reader are credited to that reader. Other items are uncredited. Full credit to every reader is given in East and West Coast columns in another section.

All exclusive West Coast items are in Italics and in Pacific Standard Time. Eastern Standard Time is used throughout the rest of news.

AFRICA

Algiers

TPZ is being heard clearly again and reported by several RADEN readers as being heard well, except for slight fading toward the end of transmission at 7 p.m.

Egypt

SUV, 12120 kcs., is on the air 11 a.m. to 1 p.m. Programs starts with clock chimes and ends with National Anthem. They were also heard closing at 11:30 p.m. Above data submitted by Lannon Stoneman, and Cushen.

French West Africa

"Radio Dakar" on 13355 kcs., NEW FREQUENCY, has been heard on this channel with much better signal than on any former frequency. They are on from 2-4 p.m. and sometimes, later—all this as per R1319—Caldwell.

Middle Congo

FZI, reports Steve Mann, in addition to its usual frequency of 11970 kcs. is licensed to use 6677 kcs., 11670 kcs. and 18440 kcs.

"Radio Club" on 12480 kcs., 12000 kcs., and 8500 kcs. broadcasts simultaneously every day from 1-1:15 a.m., 2-2:15 a.m., 3-3:15 a.m., 5:30-6:15 a.m., 7:30-7:50 a.m., 8:30-8:50 a.m., 1-2 p.m., and 3:30-5 p.m.

Union of South Africa

ZRD on 6148 kcs. in Durban, according to R2117 (Pa.), is a good bet for Northeastern listeners as they come in good every Sunday evening at midnight.

ZRL on 9615 kcs. in Klipueval is being heard regularly now on their 11:45 p.m. transmission of setting-up exercises.

ZTE on 11770 kcs. in Durban was picked up in the early morning hours by R1843 (La.) with weak singals.

ZRH, 9520 kcs., and ZRK, 6098 kcs., Capetown, are being heard 8:45-10:45 p.m. This item taken from latest IDA bulletin.

ASIA

Aden

ZNR on 12120 kcs. in Ras Boradi comes in R6 on the West Coast from 8:25-9:45 a.m. Identification is given in English at 8:25, 9:00, 9:15, 9:30, and 9:45. Corporal Charles Lannon reports this fine catch.

China

NGAP on 10260 kcs. logged from 7:30 a.m. until fadeout around 9:30. They were R9 at 7:30. Announcements were by a woman. (Legge and Roberts in NNRC bulletin).

XGRS on 12040 kcs. is by far the most consistently reported Chinese station. This station has an evening program in English from 5:30-7 p.m. with English news at 5:3 p.m. Herbert Morrey is news-caster. . . .

XGVM is also reported often on 11930 kcs. from 5:45-6:00 p.m. The station is known as "The Voice of Democracy." They are supposed to be on at 9 p.m. also, but they are not heard.

XIRS, 11980 kcs., Italian controlled, operates 2:00-4:45 a.m., and FFZ, 12040 kcs., French owned, broadcasts until 6 a.m. Both are located in Shanghai.

XCDN, "The Voice of Democracy," Shanghai, 11760 kcs., gives news in English at 3 a.m. and closes 7 a.m. This news comes from Art Cushen.

French Indo China

"Radio Saigon" on 11780 kcs. is being heard very well in the East at present. The station is heard in the morning from 6-9:30 a.m. (best on news at 6:15) in French with excellent signals; from 10:30-11 a.m. (in English), and again at 7-7:20 p.m. in French. The evening transmission is received with fair signals, while morning programs are louder with the earliest program the easiest to log.

Hong Kong

ZBW3 on 9525 kcs. is heard R9 from 7-9 a.m.

India

VUD-3 on 9590 kcs. in Delhi is heard irregularly in evening by R2228 (Mass.) from 9-11 p.m. with English news at 9:45 p.m. Signal is fair and rapidly fades out after 10 p.m.

VUD-4 on 11830 kcs. is being reported by a few Radexers as broadcasting from 6:45-7:45 a.m. with news in English at 7:30 a.m. Signals is good and announcements state that VUD-3 is being used in parallel.

Japan

JLG-4 on 15105 kcs. is being heard in parallel with JZJ on 11800 kcs. on a new English transmission from 6-6:30 p.m., followed by Japanese programs. The high frequency station is the loudest while the 11800 kcs. station is not heard very well in the East.

JZH on 6095 kcs. was heard at 1:30 a.m.

JLT3, 15225 kcs., a new Tokyo transmitter, has been heard 7-8 p.m. First reported by Gene Allen.

Java

PMN, 10260 kcs., Bandoeng, was heard broadcasting oriental music 6:45-7:45 a.m. Signal was excellent around 7 a.m.

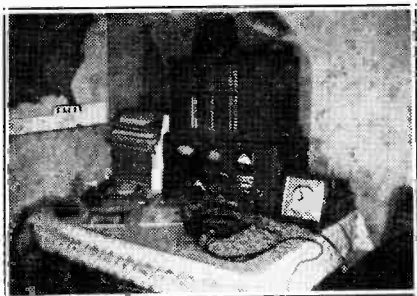
PLQ2, 10680 kcs., was heard at 9 a.m., working KEZ at Bolinas on a Sunday morning. This fine catch made by Allen.

Manchukuo

MTCY on 11775 kcs. is broadcasting English programs irregularly from 8-8:30 a.m. and when on the air is heard in Eastern North America with a fine signal.

Netherlands East Indies

PLN on 11510 kcs. in Bandoeng was caught one morning at 9 a.m. with good signals by R1843—(La.).



Listening Post of Richard Daneker—Lansdale, Pa.

EUROPE

Andorra

"Radio Andorra" on 11675 kcs. is reported heard by Carlos Ramirez of Cuba at 4 p.m. with fair signals. They announce in French and Spanish and use electrical transcription for musical transmission. A sketch on Andorra is provided by Charles: "Andorra is a little principality between Ariege Department (France) and Larida Province. It has about 400 square miles and around 50000 inhabitants under the protection of France and Spain. Andorra has only recently been interested in radio. Andorrans are country loving folk engaged in raising cattle, sheep, horses, etc. . . . and contraband trade!"

Azores—New

Ponta Deglada—no call used on 14400 kcs. is heard from 3-4 p.m. daily and signs off with clock striking six—each stroke a double chime. Portuguese National Anthem is heard on

sign off. Although quite a few American recordings are used, Portuguese seems to be the only language. Credit Alt Caldwell with this scoop.

Finland

OFE on 11780 kcs. is by far the easiest Finnish station to hear. OFD on 9500 kcs., and OIE on 15190 kcs. are heard, but not as well. Apparently the stations are now on from 7:30-7:45 a.m. and 2:15-2:30 p.m. and irregularly from 3:50-4:05 p.m. 4:15-4:30 p.m. and 7:55-8:10 p.m. These schedules were heard over OFE, but it is apparent that the stations observe no fixed schedules as these schedules vary as much as an hour on occasions! OFD is easiest to log in late afternoon and OIE late in the morning!

OFE 11780 kcs., has news in English at 12:50 p.m. and 5 p.m.

France

"Ici Vichy, La Voix de France" identifies the new transmitter on 15240 kcs. Other slogans used are "Radio Diffusion National" and "Radio National de Onde Courte." The program is from 8:45-9:45 a.m. The station signs with "La Marseilles" and both men and women announcers are used.

"Radio Nationale." 15240 kcs., located in Vichy, was heard 6-6:45 a.m. Vichy also heard on 11845 kcs. at 8:45 p.m. and 10:30 p.m.

Germany—New

NEW STATION on 11880 kcs. reported by R2228—Feller with North American program and very good signals. This station has also been heard in the afternoon transmission.

DXZ's rather new transmission to North America on 9570 kcs. is being heard regularly.

Other German stations reported heard on the East Coast are DXS on 15160 kcs., DZD on 10549 kcs., DZE on 12130 kcs., DZC on 10290 kcs., DXP on 6020 kcs., DXM on 7270 kcs., DJW on 9650 kcs., DJA on 9560 kcs.

DJX on 9675 kcs. in Vienna, Germany is now carrying a North American transmission in the afternoon.

DZC. 10290 kcs., DJP, 11855 kcs., and an unidentified station on 9605 kcs. were heard in parallel at 7:40 p.m. in Spanish. The latter station had the best signal.

Corporal Lannon reports a new German station on 15,120 kcs. It is DXH2 in Warsaw, and is on the air 3-8 a.m.

DXZ, 9570 kcs., is heard well 5-8 p.m.

A station on 7230 kcs. relays the N. A. broadcast 6-10 p.m. Another station on 11880 kcs. is heard in parallel with DJD from 7-8 p.m. Reported by Allen.

DXM on 7270 kcs. is heard until 8:30 p.m. nightly, in parallel with DZD.

Great Britain

Fall schedule of the B. B. C. transmissions to North America list programs from 4:15 p.m. to 11:45 p.m. on 25, 31, and 49 meter bands. Stations used are not listed, although we assume that GSL on 6110 kcs., GSC on 9580 kcs., and GSD on 11750 kcs. will continue to be the stations beamed at us.

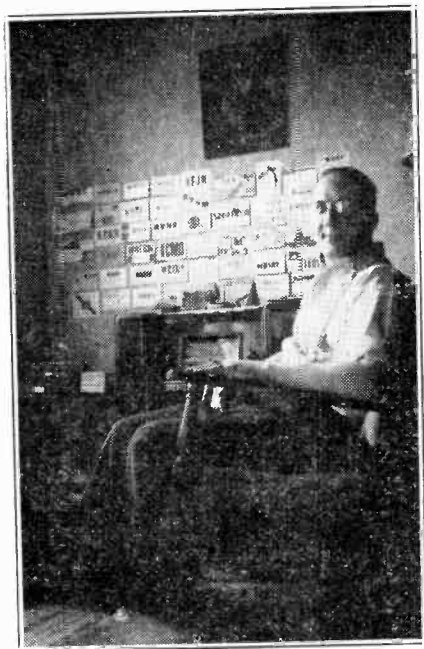
Assorted notes: GSB on 9510 kcs. operates from midnight to 3:15 a.m. . . . GRX on 9670 kcs. is one of the strongest signals heard here. . . . GSU on 7250 kcs. uses French from 12:30-12:45 a.m. . . . GSP on 15310 kcs. is heard with African transmission in English. . . . GRV on 12040 kcs., GSD on 11750 kcs., GSI on 15260 kcs., GSP on 11820 kcs., GSP on 15310 kcs., and GSV on 17810 kcs. are all heard in the afternoon with good signals. . . . Other calls heard are GRW on 6145 kcs., GRS on 6065 kcs., GRT on 7150 kcs., GSW on 7230 kcs., GRY on 9600 kcs., GSE on 11680 kcs., GRV on 12040 kcs. . . . What a flock of calls. What far cry from the days when G5SW was the British Shortwave STATION!

Iceland

TFJ on 12235 kcs. in Reykjavik is reported heard by R1843 (La.) as being heard on a Sunday afternoon broadcast. Power used was 2000 watts.

Italy

FLASH! "Radio Italia," the Italian Freedom Station is heard at times from 8-8:30 a.m. with very good signals, and free of jamming. The station uses 11920 kcs. Credit to R2228 (Mass.) please!



*Radexer George Ginnert
Detroit, Mich.*

Since November 1st, the American Hour from 8-11:20 p.m. has been broadcast over 12RO3 on 9630 kcs., 12RO18 on 9670 kcs., and 12RO4 on 11810 kcs. Credit to R2006—(Tex.) for this one.

Some of our readers are not acquainted with the Rome policy it is evident. A reader writes to say that Rome stations are Two-R-O-with an added numeral and not Twelve-R-O-as RADEX lists it. We have it I (Eye) as ABCDEGH-I two-R-O! The Italian stations actually are assigned the "Eye" but drop it when

announcing to make the announcer's task less difficult—or perhaps there's a better explanation, *quien sabe?*

Assorted notes on stations heard: 1RF on 9815 kcs., 12RO-18 on 9760 kcs., 12RO-14 on 15230 kcs., 12RO-4 on 11610 kcs., 12RO-17 on 19590 kcs., 12RO-6 on 15300 kcs., 12RO-8 on 17820 kcs., 12RO-3 on 9630 kcs., 12RO-15 on 11760 kcs., and 12RO-18 on 7310 kcs.

Portugal

CSW-6 on 11040 kcs. is reported on a Sunday until 3:30 p.m. by R1691 (Mass.).

CSW-7 on 9740 kcs. is reported by R2324 (N. Y.) directing programs to North America starting at 6:05 p.m. nightly.

Roumania—New

"Roumania calling from Belgrad" was heard on 9505 kcs. from 1:45-4:15 p.m. by R2228 (Mass.) on what was probably the former transmitter of YUC or YUD in Belgrad, Yugoslavia. Signal was excellent.

Slovakia

HMV on 9503 kcs. is the official call of "Radio Bratislavia" according to R2324—(N. Y.). The station broadcasts to North America on Monday, Wednesday, and Friday at 6 p.m. Their address is "Radio Bratislavia," S. S. V. Q., Bratislavia Jabubovo, Nom. 13a, Bratislavia, Slovakia.

Switzerland

HER-3 on 6165 kcs., according to R1319, is signing off at 1:40 rather than at 12:40 a.m. as announced in RADEX.

HER-4 on 9535 kcs. is heard evenings with Spanish program from 6:45-7:30 p.m. and with English program to U. S. from 9-10:15 p.m. Signal is good but there is some QRM. Credit R228 (Mass.)

HBL on 9340 kcs., according to R1843 (La.) is heard with North American program on Wednesday, but never on Monday.

U.S.S.R.

RIB on 15370 kcs. in Moscow broadcast from 9 a.m. or earlier to 10:25 a.m. the meeting of the Russian scientists who requested the help of the British and American scientists in war work. (Roberts in NNRC bulletin).

Radio Center is still broadcasting English program to America from 6-7:30 p.m. on 15110 kcs. and 15230 kcs. as per R2228 (Mass.)

Radio Moscow on 11910 kcs. was heard by Shaler Hanisch 6:30-7 p.m.

RKD, 9500 kcs., was logged at 7:30 a.m. with an R4 signal, presenting Russian war news.

"Radio Center" is heard on 11,700 kcs. in the afternoons, occasionally.

RV15, 9565 kcs., is on the air at 4:30 p.m. with news in Russian and other features.

Vatican State

HVJ on 11740 kcs. seems to find difficulty in over-riding the Chilean station on the same frequency. HVJ on Sunday from 8:30-8:45 is very difficult to copy because of this QRM—this from R2228 (Mass.)

NO. AMERICA

Canada

CBFW on 6090 kcs. was heard by Francis Fellers testing in afternoon, apparently preparatory to going back to that channel this winter.

CBFY on 11705 kcs. is still being heard at time of writing. They come on at 6 a.m. and go off at midnight. "O Canada" and "God Save The King" are heard at midnight.

CY8Z, Vancouver, 5450 kcs., was heard testing at 10 p.m. by Ed Landansky.

Costa Rica

TI4NRH, our good friend, Armando Cespedes Marin, who was an advocate of the Good Neighbor policy long before any American ever thought of it is now being reported by many RADEN readers on his Tuesday and Thursday broadcasts from 11 p.m. to midnight and sometimes later. Frequency seems to

change according to whatever channel is clear at time of broadcast. TI4NRH has been reported on 9750 kcs., 9740 kcs., and 9715 kcs.

TI4NRH at Heredia has moved from 9696 kcs. to 9740 kcs. They were heard 8-8:30 p.m. with a program in English.

TI7RVM, Guanacasta, 5985 kcs., was heard on Thursday at 8:15 p.m. by Ed Landansky, playing popular recordings.

Dominican Republic

HI-1J on 6025 kcs. NEW FREQUENCY has been heard with strong signals coming on the air at 5:35 p.m.

Haiti

HH2S on 5945 kcs. uses 100 watts and verifies with a nice card. Address: Societe Haitienne de Radiodiffusion, P. O. Box 81, Port-Au-Prince, Haiti. —R1843 (La.)

HH3W on 10135 kcs. heard until 8 p.m. when PSH came on and HH3W was no longer heard, according to R2544 (N. Y.)

HH2S, 5947 kcs. is heard with poor quality on its English program, Wednesdays at 6:30 p.m.

Honduras

HRP1 in San Pedro Sula on 6350 kcs. was heard by R2228 coming on the air with English announcements at 7:30 p.m.

HRN, 587 kcs., is on the air 3-8:30 p.m. Interval signal is a three bell chime.

Mexico

XEWX on 9500 kcs. gives its address as Apartado 2516, Mexico City.

XEUW on 6020 kcs. signs off at 1:00 a.m. with the playing of "La Paloma."

XEFA on 9560 kcs. is heard until midnight daily with good signal.

Nicaragua

YNJAC, 5750 kcs., was heard 8:50-9:05 p.m. with an R9 signal.

Panama

HP5G, 11780 kcs., broadcasts George Williams English newspaper 4-4:30 p.m.

Salvador

HUB on 5560 kcs. is heard very well all evening until sign off at 11:05 a.m. with programs entirely in Spanish. . . . The verification card pic-

tures a coffee tree, a volcano, a moon, and a Salvadorian Flag, and call letters are in red.

YSPB on 6570 kcs. is heard irregularly in the evening until 10 p.m. The station announces as "The Voice of Salvador."

United States

WCAB official schedule on 6060 kcs. from 6:15 p.m. to 12:55 a.m., alternating to Europe until 7 p.m., thence to South America until 9 p.m., and the last part of schedule is to Europe.

WCAB on 15270 kcs. is now used to South America exclusively from 1-6 p.m.

WCBX on 11830 kcs. is now broadcasting to Europe daily on 11830 kcs. from 3-6 p.m. and to South America from 6:30 p.m. to midnight.

WCBX on 21570 kcs. is now broadcasting to Europe from 7 a.m. to 2:30 p.m. (15270 kcs. is discontinued in favor of the higher frequency, while South American transmissions are all on 11830 kcs., with 6170 being discontinued). This is official.

WLWO on 15250 kcs. until 8:35 p.m., when they switch to 11710 kcs., according to R2006 (Texas).

WNBN on the S. S. Argentina was heard by R2145—(Ohio) relaying a news summary from Latin American stations to WKP in Riverhead, N. Y. They gave their frequency as 9135 kcs.

WQV on 14800 kcs. was heard in a point to point communication with Geneva by R1843 (La.).

W5XAU on 26125 kcs. with 100 watts operates from 7 a.m. to 1 p.m. They verify reception. R2193 (Mo.).

W9XLA on 25400 kcs. verifies with a red and blue card. They use 100 watts and operate from 10 a.m. to midnight according to R2193 (Mo.)

OCEANIA

Australia

VLG-2 on 9540 kcs. seems to be the most consistently reported Australian in the East. It is being heard from 6:20-7:05 a.m. For a while VLQ-5 on 9610 kcs. was heard in parallel on this program, but the latter station was dropped from the transmission. VLG-2 on 9540 kcs. is also heard from 1-1:40 a.m. according to Warren—Tenn., who has just completed twelve reports on the station. VLQ-2 on 11870 kcs. is used in parallel on this program.

VLR on 9580 kcs. is now called VLG.

VLG-5 on 11880 kcs. is sometimes heard in the evening from 7-7:30 p.m. with not too good signals. VLG-5 is not being used on morning transmissions at present.

VLW-2 on 9650 kcs. at Perth is carrying the asiatic program around 9 a.m.

VLR-8 on 11760 kcs. is excellent at 10 p.m. Sydney is broadcasting an additional transmission to North America from 3:40-4:15 a.m. over VLQ on 9615 kcs.

Fiji Islands

VPD-2 on 9535 kcs. is being heard in the East by many listeners from midnight until approximately 12:30 a.m. Signal is fair and program consists of music (sometimes American tunes) with short talks in French by a lady announcer.

Hawaii

KHE on 17830 kcs. is still heard Saturdays with the "Hawaii Calls" program.

New Caledonia

FK8AA on 6135 kcs. was heard from 1-1:43 a.m. by R7—Pa.1 with R2-5 signals. "Ici Noumea" was the identifying announcements by a man. Program was in French and partly in German. Station leaves the air without a signature.

Order your Radex Sub Now - Save 40 cents

SO. AMERICA

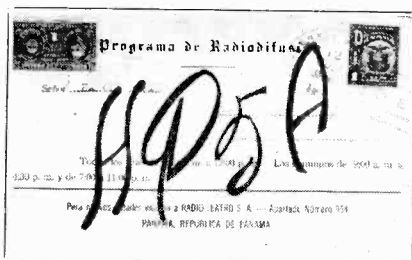
Brazil—New

"Radio Kizora" at Sao Paulo has been reported by R2228—Fellers testing October 31 on 11765 kcs. from 7:30-10:15 p.m. They announced in English at 9:30 p.m. Other times they announced in Spanish and Portuguese. Brazilian anthem used at close.

PPQ was heard on 11760 kcs. broadcasting special programs to Toronto and New York. A couple of times they were heard using music. PPQ is usually a phone station.—R2228—Fellers.

British Guiana

ZFY, according to R2117—Edwards, is actually on 6097 kcs. and not 6130 kcs.



HP5A's card by courtesy of Hal Robie.

Chile

CB1174 on 11740 kcs., "Radio Huckle" (pronounced Huckee) sign off at 11:58 p.m. Hoagy Carmichael's immortal "Stardust" is played before during and at the completion of sign off announcements. The station goes off the air with—of all things—"Marching Through Georgia." CB1174's address is "Radio Huckle," Casilla 6009, Santiago, Chile. (R7, Pa.1 is credited with this fine report).

Colombia

HJBK was heard signing off on

Page fourteen

6170 kcs. at 11:05 p.m. by R1319—Caldwell.

HJCF on 6075 kcs. heard signing off at 8 p.m. with a march.

Curacao

PJC in Willemstad is heard evenings with very good signals, though quite irregularly, from 5:30-7:30 p.m. They were once heard relaying the Paramaribo, Suriname station.

Ecuador

HCQRX, 5970 kcs., Quito, opens at 3:45 a.m. with a good signal. Reported by Art Cushen.

Paraguay

ZP-14 on 11720 kcs. is now being heard in this country with excellent signals from 6:30-8 p.m. Spanish is used throughout. This report on a seldom heard country is from R2228 (Mass.).

Peru

OAX1A, 6290 kcs., was heard at 8 p.m. with a good signal. OAX6A, 6050 kcs. Avequipa, was R9 plus at 7:30 p.m.

Suriname

PZX on 11515 kcs. in Paramaribo is Government station known as Governets Radio Dienst, and transmits on Monday and Thursday from 6:36-7:36 p.m. The program is usually in the Dutch language. PZX uses 250 watts. This station is heard with a strong signal.

PZH on 6790 kcs. operates in parallel with PZX but uses on 25 watts and is a much more difficult station to hear. The owners want reports and will verify all correct ones. Verification from these station is white card with blue print.

THINGS TO COME

Full details on tuning and identifying Latin American stations in our special Good Neighbor edition in January.

Questions and Answers

Of, by, and for RADEX Readers

Questions

Jack Stephenson, 2721 W. 21st St., Oklahoma City, Okla.: "What is the slogan and Q.R.A. of Mexico City's X.E.X.A.?"

Hal Robie, 188 Bristol St., Springfield, Mass.: "What British station heard with powerful signal at 10:00 A.M. in the vicinity of 20.800 and 20,900 kcs.?"

Art M. Hankins, 1006 Ligonier St., Latrobe, Pa.: "What unknown station on approximately 9630 kilocycles at 10:00 A.M. Monday saying "CZ3U is off and clear."

L. M. Stracener Jr., 239 Nelson Drive, Route 3 Baton Rouge, La.: "Does anyone know the QRA's of WKED and WGHN on 27200 kcs; NUFG, NOKG, and NGG on 2750 kcs., XELO on 1190 kcs.?"

George Perrin, 76 Berry St., Rochester, N. Y.: "What happened to EAQ in Madrid?"

Hal Robie, 188 Bristol St., Springfield, Mass.: "Are any of the Hawaiian stations carrying the "Hawaii Calls" programs now?"

Art Hankins, 1006 Ligonier St., Latrobe, Pa.: "A mystery station picked up Sunday evening 6:55 P.M. Unable to judge frequency accurately but it was approximately 8640 kcs. The station was a Mexican with an "S" 9 signal. The announcements were all in Spanish and he announced "Radio Phillip" at each identification pause. Also announced call letters in Spanish once at 7:02 P.M. They sounded to me like XEJ or XEW."

Hal Robie, 188 Bristol St., Springfield, Mass.: "Would like some help on these stations stations: The first concerns a station on approximately 15100 kcs. It was heard from 10:40 A.M. at which time there was a man talking in an unfamiliar language. At

10:45 there was on stroke on a gong. This was followed by a man chanting a weird tune until 10:58 A.M. Following this a man spoke for a minute and then a woman for about 3000 seconds. At 10:00 A.M. an organ and chimes played for a minute.

R2324: George Perrin, 76 Berry St., Rochester, N. Y.: "I have a puzzle. I heard W9XTO in Lake Bluff, Ill. calling W10XDA "Effie M. Morrissey. You have these listed on 6425 kcs. Lake Bluff is W9XEJ in RADEX. The next evening I heard Lorain, Ohio (WMI) on the same channel. WMI is listed on 6475 kcs. On what frequency did I hear these stations?"

Frank Gravely, 201 Starling Ave., Martinsville, Va.: "Who are the Spanish speaking stations on 1460 kcs. (around 3 a.m.) and on 1500 kcs.?"

A. L. Kempton, Harding, Mass., wants to know if anyone has received a veri from PK6XX.

Jack Stephenson, 2721 North West 21st St., Oklahoma City, Okla.: "What is the slogan and QRA of YNRS on 8585 kcs., in Managua?"

Walter J. Oliver, Room 230, Drake Hotel, Oil City, Pa.: "What is the station heard on approximately 11200 kcs. on Wednesday, September 24 at 12-12:05 a.m. broadcasting an Anti-Nazi talk in English, twice saying 'La France Libre' but giving no call letters or location. They signed off with 'God Save the King.'

Ralph Edwards, 663 Astor St., Norristown, Penn. (R2117): "Is KZRM the station that is badly QRM'd by VLW2 around 6 a.m. The language used is not familiar." . . . "Also there is a station on 11740 kcs. in the morning from 6:30-7:45 a.m. with talks in

(Please turn to page 72)

On The West Coast

By MELVIN FISHER

Since we assumed the responsibility of conducting this column just a little over a year ago, we have had the pleasant experience of seeing RADEREXERS rally to the cause, and by their whole-hearted support, in ever-increasing numbers, we have been able to reach a point where the news contained in our section has been read and accepted both by Eastern and Western Radexers. You will recall when we started out that one of our intentions was to compile information on western DX of sufficient interest to be of value and help to our Eastern friends, as well as to ourselves, just as the Eastern column is of value to us in giving us information and tips on tuning in stations rarely heard here on the West Coast.

We have now grown to the extent that your editor believes it is timely to launch an idea that he has been harboring for some time, and which he believes will organize Western Radexers to the strongest point ever experienced in this section of the country. This can only be accomplished by the continued loyalty of our faithful supporters, the West Coast Radex reporters.

Therefore we are assuming the authority and responsibility of appointing official organizers of Radex chapters in the various localities on the Pacific Coast. We are fully aware of the work and time which will have to be devoted by appointees in the enterprise, but are confident of its success. If by any chance any appointee finds it inconvenient or impossible to discharge the duties of his office, we will appreciate his notifying us by postal card, and another Radexer will be appointed in his place. We will gladly furnish names

and addresses of all Radexers in his locality which we have available to each organizer who requests the same.

Los Angeles area: George J. Hiss, 8914 Harratt Street, West Hollywood, California.

San Francisco area: Geo. Deligianis, 42 Perry Street, San Francisco, California.

Oakland area: Eugene S. Allen, 1710-10th Street, Berkeley, California.

Nevada area: Russell Cain, 1054 Holcomb Street, Reno, Nevada.

Portland area: Harry C. Powell, 1129 S. W. 10th Street, Portland, Oregon.

Washington area: Carroll H. Clark, 806—2nd Street, Snoshomish, Washington.

Santa Rosa area: Howard Darbo, 2823 Alton Lane, Santa Rosa, California.

Montana area: Ted E. Matzen, 1900 N. Merriam Street, Miles City, Montana.

New Mexico area: Norman L. Maguire, 600 N. University Ave., Albuquerque, New Mexico.

Hawaii area: William S. Petty, 86th Obs. Squadron, Wheeler Field, Oahu, Hawaii.

Philippine area: Fred G. Anderson, Ft. Mills, P. I.

Texas area: Mel Oliver, 804 National Standard Bldg., Houston, Texas.

Denver area: Geo. Rockwell, 1244 Lafayette, Denver, Colorado.

Western Canada area: Paul Sampson, 1820 College Avenue, Regina, Sask., Canada.

Bakersfield area: Hal G. Tuncil,
(Please turn to page 20)

On The East Coast

By RAY LA ROCQUE

SW Report-O-Meter

1.—Francis Fellers	100%
2.—Alton Caldwell	51%
3.—Buddy Giles	48%
4.—L. N. Stracener	45%
5.—Art Hankins	30%
5.—Ralph Edwards	30%

Honorable mention to: George Perrin, Wilson Barnes, Charles Ramirez, and Richard Crain.

BCB Report-O-Meter

1.—Steve Mann	100%
2.—Ernest Cooper	87%
3.—Peter Clarius	81%
4.—Eddie Strakna	57%
4.—Bill Scott	75%
5.—Len Kruse	57%

Honorable mention to: Benny Miller, John Toth, and Warren Corrigan.

A novel feature of our meters this month is the extreme contrast of scores. The BCB race was very close, while the difference between first and second place in the shortwave meter is more than the difference between first and last place in the broadcast band meter.

Francis Fellers walked away with honors in the shortwave group. . . . This Steve Mann fellow is a versatile chap. Last month found him near the top in the shortwave group, and this time he leads the broadcast band DXers. . . . And the mystery of the month—What happened to Norman Kane? ? ? ?

A lot of new names this month, Buddy Giles, Raph Edwards, Eddie Strakna, Pete Clarius, Ernest Cooper, Bill Scott. The meter isn't new to Alton Caldwell, L. N. Stracener, Art Hankins, and Len Kruse, though. By the way in case you didn't know, the meters register according to the amount of useful material readers send to RADEX for use in our various news columns. To those who didn't make it, better luck next time. A complete list of reporters will be found at the end of this article.

Suggestions

R2193—Bernhard Keiser thinks that operating schedules of stations should be shown in the list instead of the names of owners, and that the listing should show whether the station verifies by card or letter so that the DXer would know whether to send 3c or 1c return postage. (We are working on a data section which will list schedules as well as other data on stations. As for return postage, RADEX has always felt it is common courtesy to include 3c whether or not the station uses card or letter, unless the station definitely requests that you send less. You see verification cards, some of them very costly, cost even more than letters to send, when you figure it out, and then add to the cost of printing, the necessity of paying an office worker to answer these cards and the time it takes to check the reports, we DXers are getting off very cheaply at 3c. The stations are granting us a courtesy in verifying. They are not obligated to do this. So why not show our appreciation by sending 3c for return to all domestic stations and an international reply coupon to foreign countries.—RL)

Grant W. Hastie would like to see even more standard broadcast news. (The Channel Chatter section this month is larger than ever, Grant.—RL)

R1397—Jim Weaver agrees with Bob Gilchrist about the additional information on stations. Jim is interested in slogans and has some 200 of them in his collection.

Lawrence E. Yarnes would like to see RADEX publish at least once a season a complete list of world wide standard broadcast stations. (We

would gladly do this but world conditions at present make information from European and many other countries very rare and unreliable and a complete list is an impossibility. However our new Barometer of Foreign DX will serve as a list of those stations which are being heard by others.—RL)

Joe Lippincott likes the idea of including more South American stations in our listing, but wants us to include in large letters those that are being heard, and to list the others in smaller type. (Our DX Barometer will assist you to identify those which are being heard by others Joe. What do you think of it?—RL)

Kenneth M. Battelle wants the Monthly Changes in Station Data reinserted in RADEX. Also wants a separate section for Western Shortwave reports. (Station Data Changes now a regular feature of RADEX. Western reports are made to stand out by use of italics and are in your own PST.—RL.)

R2162—Len Kruse wants a revised list of veri-signers and suggests every Radexer send in his latest verification signers. (A good idea, and veri signers are among the particulars to be included in our proposed data section when it is ready.—RL)

R1320—Frank Gravely likes the old Radexing with the Radexers better than the new Channel Chatter and wonders what others think?

R2369—Kern Anderson wants a data section on shortwave stations as well as broadcast band stations. (Such a list is difficult to compile and can only be accomplished if all readers send in the data they have on hand. After the completion of Broadcast Band data section we will consider a similar listing for shortwave stations if enough information is available.

K. Page of Buffalo, N. Y. is anxious for more improvements in RADEX and would like to see the RADEX more on the style of older issues of a few years back.

Personal Notes

Here's a welcome note for Radexers who are also postage stamp collectors. Joe Lippincott, Celo Community, Celo, N.x C. offers to sell stamp supplies to club members at 20% discount! . . . Chet Roman, now at Fort Ord, California informs us that one of our Canadian members, Allan Cadorath is in the Royal Canadian Air Force and is now serving overseas in England. He would appreciate notes from his friends, most of whom do not know that he has left Canada. The address: (Can.) R101529, Lac. Cadorath A. B., R. C. A. F. Overseas, England.

Norman Magurie has moved from Connecticut back to his old location out on the mesa—Albuquerque, New Mexico. . . . Charles A. Mills, Box 326, Strathroy Ontario is now with the Royal Canadian Air Force. He will trade SWL cards with any who care to address him.

We're highly impressed by the arrangement of Len Kruse's broadcast band reports for Channel Chatter. . . . Raph H. Edwards, 663 Astor Street, Norristown, Pa., would like to correspond with anyone living in Australia, New Zealand, the Philippines, or any far Eastern country.

Greeting to an old friend! We welcomed a letter from Barney Ahman of Baltimore—long time no hear, Barney!

Shortwave Notes and Quotes

R2324—George Perrin, 76 Berry St., Rochester, N. Y., says that he will be glad to furnish QRA's of the following: CHNX, CBFW, VUD4, VLQ5, TGWA, TG2, HJDE, PSH, OPM, FZI, HH2S, COK, COCW, HP5G, HVJ, HAT4, JZK, JLS2, JLU4, RV96, RNE, and PRA8.

Richard B. Crain thinks that more DXers should try the police bands for DX-citement! Conditions are exactly the same as the graveyard frequencies on the broadcast band in respect to both distance and interference. "Thus far, I've logged 50 stations in 20 states," says Richard. It takes real skill to log distance on these bands—most stations are 100 watts or less and are covered constant QRM.

John Toth, Co. "D", 4th Infantry, Fort Richardson, Anchorage, Alaska is thankful to those who wrote him about his last notice in RADEX and would appreciate hearing from others who care to write. John is especially interested in knowing where he can get himself a stack of SWL cards printed. On a two-tuber in Anchorage he has logged WRCA and CKWX as well as WLWO. The receiver doesn't tune above 10000 kcs.

Mrs. D. K. Smith, Pacoima, Calif., has recently purchased a Magnavox Regency Commode 51 Series Radio-Phono combination. Says Mrs. Smith "When I bought it I was principally interested in the phonograph, wishing to enjoy good music at will. However, I have developed a desire to hear foreign stations but do not have too much success. I have picked up Tokyo, Mexico City, London, Australia, but only occasionally. How much distance may I reasonably expect of the set, and how free should it be from static?"

BCB Notes and Quotes

R2377—Jim Davis of Rochester, N. Y. is new at the verification game and so far has heard from seventeen stations out of twenty reports. XENT, KNX, and KSL are among the stations verified.

R2324—George Perrin, 76 Berry St., Rochester, N. Y. would like to hear from DXers who have heard WHEC and WSAY at distances over 1000 miles.

Jack Troha of Cleveland, Ohio is one of our new readers who wonders how much luck other DXers have had in verifying home town stations.

RADEX REPORTERS—Members

- R7, Pa. 1 Art Hankins, Latrobe, Pa.
 R431: S. A. Meyer, Austin, Texas.
 R451: Chet Roman, Fort Ord, Cal.
 R615: Edward Shirley, Jamestown, N. Y.
 R626: Tenn. 3 Bill Scott, Johnson City, Tenn.
 R694: Ken Page, Buffalo, N. Y.
 R695: Frank B. Lee, Wildwood, N. Y.
 R739: Kans. 5 Gerald Harris, Kansas City, Kans.
 R839: Bill Cunningham, Hollywood, Cal.
 R1010: Norman E. Whiton.
 R1049: Stanwood Morss, Haverhill, Mass.
 R1319: Alton Caldwell, Jr., Brockton, Mass.
 R1320: Frank Gravely, Martinsville, Va.
 R1397: James O. Weaver, Elkhart, Ind.
 R1470: Jack Stephenson, Oklahoma City, Oklahoma.
 R1691: Hal Robie, Springfield, Mass.
 R1841: Elwin L. Gleason, Moosic, Pa.
 R1920: Richard Coatsworth.
 R1843: L. N. Stracener, Baton Rouge, La.
 R1922: Harry Johnson, Los Angeles, Cal.
 R2003: Arnold F. Worme, Brooklyn, N. Y.
 P2006: Buddy Giles, Wichita Falls, Texas.
 R2009: Jose Carriazo, Jr., Habana, Cuba.
 R2117: Ralph Edwards, Norristown, Penn.
 R2145: Frank Coryell, Cleveland, Ohio.
 R2167: Len Kruse, Dubuque, Iowa.
 R2193: Bernhard Keiser, Webster Groves, Mo.
 R2228: Francis Fellers, Amherst, Mass.
 R2233: Wm. Waldman, Asheville, N. C.
 R2309: George Wells, Warwick, R. I.
 R2324: George E. Perrin, Rochester, N. Y.
 R2327: Eddie Strakna, Jewett City, Conn.
 R2347: Geo Deligianis, San Francisco, Calif.
 R2353: Donald Staples, E. Bridgewater, Mass.
 R2368: Benny Miller, Spring City, Tenn.
 R2369: Ken Anderson, Detroit, Mich.
 R2379: Jim Davis, Rochester, N. Y.
 R2451: Lloyd E. Staples, E. Bridgewater, Mass.
 R2457: Lothrop Mittenthol, Los Angeles, Calif.
 R2464: Charles Lannon, ort Louis, Washington.
 R2467: Wilson Barnes, Lockport, N. Y.
 R2469: Eddie Duniyak, Phoenixville, Pa.
 R2544: John Hisgen, Albany, N. Y.

Non-Members

- Harvey Warren, Kingsport, Tenn.
 John B. Bliss, Batavia, Ill.
 Charles Ramirez G, Habana, Cuba.
 Fred E. Delaney, Springfield, Mass.
 Cary Simpson, Huntingdon, Pa.
 Joe Lippincott, Celso, N. C.
 Steve Mann, Hanover, N. H.
 Marc Javens, Eustis, Fla.
 Frederick A. Strubel, Hackensack, N. J.
 Harold Bower, Sunbury, Pa.
 Ernest R. Cooper, Brooklyn, N. Y.
 Jake Field, San Diego, Calif.
 Werner Fisher, New York, N. Y.
 Warren H. Corrigan, Cleveland, Ohio.
 Lawrence E. Yarnes, Wasco, Calif.
 H. B. Langford, Houston, Texas.
 Grant Hastie, San Diego, Calif.
 Richard B. Crain, Weehawken, N. J.
 John Toth, Anchorage, Alaska.
 Russell Tolg, Milwaukee, Wis.
 Tom Brandon, Edmonton, Alberta.
 Albert Gibson, Nashville, Tenn.
 Carl Forestieri, Bronx, N. Y.
 C. W. Corkhill, Sioux City, Iowa.
 Mrs. D. K. Smith, Pacoima, Calif.
 Peter A. Charius, Staten Island, N. Y.

(Please turn to page 79)

WEST COAST (Cont.)

510 Oildale Drive, Bakersfield, California.

Salinas, area: Forrest L. Webb,
140 W. San Luis, Salinas, California.

Prompt notice of acceptance or rejection of appointments will be appreciated, and will facilitate organization. As stated before, your West Coast editor will be glad to furnish all names and addresses available of DX-ers in your area, and will endeavor to get the support of headquarters in obtaining names and addresses we do not have on record here in Berkeley.

We are well aware of the magnitude of this project, but with the continued support of every West Coast RADEXER, we are confident of the success of this movement.

May we close by urging all Radexers who have not done so to subscribe to the new and better Radex, and thereby have your copies mailed to your homes. Since copies will not appear on the newstands in the future, this will assure you of not missing a single copy of the improved Radex.

THE BIG THREE

Another record topples as Eugene Allen successfully defended his championship against stiff competition and became the first Radexer to have the honor of being Big Three champion twice in a row. It was the third time in all that he has reached the top spot. Corporal Chas. Lannon finally reached the first three in second place after several good efforts and Ed Landansky, the Eastern veteran, took over the third spot, sending in only one report, but it was just good enough to put him in the top three.

Shaler Hanisch of Pasadena, California, and Gerald Stoneman of Canada put up a fine battle for third place, as the point scores will show.

Page twenty

THE BIG THREE

1. Eugene S. Allen58
2. Corporal Chas. E. Lannon .35
3. Ed Landansky28

Consolation Division

4. Shaler Hanisch26
5. Gerald Stoneman22
6. Lawrence E. Yarnes12

THE READERS SAY:

LARRY YARNES, Wasco, California,—“Have heard Japanese stations on 940, 970, 1060, and 1100 kcs. as well as JOAK2 and JOQK between 2:00 and 3:00 a.m. Other heard are 2YA, 1YA, 2BL, 4QS, 2CY, 4BC, 4AK, 5QG, 2NR, 3LO, 2NC, 2KO, 2WL, 4ZN, 3WV, and either 3TR or 6IX.” He has heard stations which he is almost positive are South Americans on 1160 kcs. (behind KSL) at 7:00 p.m., on 720 kcs. at 8:00 p.m., on 880 kcs. at 8:20 p.m., and on 1155 kcs. at 8:45 p.m. He believes these are YV5RL, HJCU, YV5RQ and YV4RD (or YV1RD) respectively.

GERALD STONEMAN, Chilliwack, B. C.,—“DX-ing this past month was good on the BCB. I picked up KGU, WABC, KGMB, 2YA, 1YA, 3YA.”

FRED ANDERSON, Manila, P. I.,—“Recent veries here are very few: WKBN, WHAS, WLW, KHSL, KTW, KPO, XGRS, ZZA, PLG, XOA, MTCY, XENE, VLS, 2YA, 3YB, and KZND. . . . I have ordered 1500 SWL cards and will QSL 100%. . . . There are 14 members now in our Philippine Radex Club.”

CHATTER COLUMN

Owners of KSFO have been licensed by the FCC to operate a 100,000 watt international SW station to serve the Far East, Australia, and Central and South America in the interests of National Defense. Frequencies used will be 6060 kcs., 9570 kcs., 11870 kcs., 15350 kcs., 17760 kcs., and 21610 kcs. The station will operate 20 hours daily airing news and entertainment in English, French, Dutch, possibly Chinese, Thai, Russian, and

Spanish, Portuguese, Japanese, and Koreau. Directional characteristics will give the beam a power equivalent to over 4,000,000 watts. (Our thanks go to George Deligianis for keeping us posted on the latest developments of radio in San Francisco). . . . Lee Mason, Detroit, and Junior Moyers, Harrisville, W. Va., were the two lucky winners of all-expense trips to Cuba given by station COK in a contest on reporting to the station. . . . Charles A. Morrison, president of the IDA, has received an appointment as Shortwave Information Consultant to the Foreign Broadcast Monitoring Service of the FCC. He has been very active in a crusade to convince the government of the important part SWLers can play in National Defense, and deserves the support of all DXers in carrying out the duties of this responsible office. Headquarters of the IDA has just been shifted to Normal, Illinois. . . .

LIST OF REPORTERS

RF, Your West Coast Editor, Berkeley, Calif.
 R1245, L. E. Yarnes, Wasco, Calif.
 R1220, N. Z-3, Arthur Cushen, Invercar-gill, N. Z.
 R1539, James A. Dagg, Aldergrove, B. C.
 R1871, Eugene S. Allen, Berkeley, Calif.
 R2226, Fred A. Anderson, Ft. Mills, P. I.
 R2292, Gerald Stoneman, Chilliwack, B. C.
 R2347, Geo. Deligianis, San Francisco, Calif.
 R2464, Corp. Chas. E. aLnon, Fort Lewis, Wash.
 Hugh Curtis, Mare Island, Calif.
 Shaler Hanisch, Pasadena, Calif.
 Ed. Laudansky, Honolulu, Hawaii

LATE FLASHES

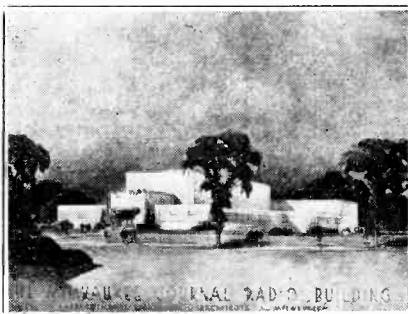
New station for Louisville, Ky. on 1080 kcs. with 1000(5) watts. . . . SCOOP:—WNEW and WOY will very soon exchange call letters. We thought this happened only in Mexico (XEQ-XEDP)! . . . KFRF is the call for new Fresno, Calif. station. WJLD is ditto for Bessemer, Ala. . . . New station for New Bern, N. C. on 1450 kcs.—250 w. . . . New station for Guadalajara, Mex. on 580 kcs. with 1 kw. . . . XEMG is actually in Gomez Palacio, Dgo., not Durango City, according to Bill Cunningham. . . . Another exchange of call letters—this time in Cuba. CMJL and CMJK make the swap.
 Mexican government okays XEAW on 1010 kcs. and lists power as 50 kw., but they sound like 150 kw. here in New England! WRVA has officially protested to the FCC on XENT causing interference to their

WTMJ RADIO CITY TO COST \$750,000

At a cost of \$750,000, Milwaukee's new "Radio City" housing WTMJ, W55M, and the Milwaukee Journal's Television outlet, is expected to be completed by next Spring. The edifice of modern architecture is a will fice of modern architecture will on the banks of the scenic Milwaukee River, miles from the busy downtown area.

Upon entering, a visitor will find an elaborate lobby extending upward for two floors, with walls embellished by impressive murals depicting the rapid advance of radio as an art and science. Large and luxuriously upholstered seats will be distributed freely throughout the lobby for the comfort of the visitor.

One of the largest studio auditoria in the country will make up the WTMJ main studio and programs like "Heinie and his Grenadiers" will play daily to an audience of 400 people in this new studio auditorium.



Sketch of WTMJ Radio City

signal in locations which are supposed to be in WRVA'S service area!

RADEX wishes to acknowledge the assistance of the Van Nostrand Engineering Co., Atlanta, Ga., for some revisions in our monthly test programs listing!

Changes listed here are not shown in our indices but will be made in next issue.

The Radex Club

By ANNE TENNA

Associate Radio Clubs—URDXC and WDXA

Dear Radex Clubsters:

Another of our little meetings opens with a lot of letters, plenty of new members and a few ideas and suggestions. Remember that anyone who is interested may join the RADEX Club simply by sending his or her name to RADEX. Before we greet the new members I'd like to state that if you haven't as yet received your club membership card, please be patient. Our supply of cards is exhausted and we hope to have new ones from the printer very soon. Now, greetings and welcome to our rapidly growing group (2666 members now), to the following:

Arkansas: Don Phillips, Ashdown (R2577).

California: Kenneth R. O'Brien, Los Angeles (R2554); William Cunningham, Hollywood (R2644); Bernard Anderson, Oakland (R2666); Kenneth M. Battelle, Corcoran (R2624), Lawrence E. Yarnes, Wasco (R2630); Bernard Gurevitch, Hollywood (R2614); Harold A. Hill, San Francisco (R2659); Richard L. McCoy, Alameda (R2600); David Babcock, Riverside (R2579); Shaler Hanisch, Pasadena (R2571); John Chipps, San Bernardino (R2612); Deane Holderby, Burbank (R2651); George H. Levertt, West Los Angeles (R2553); A. F. Jenkins, San Francisco (R2604); Mrs. L. E. Grannis, Eureka (R2607).

Connecticut: Alvan Hyde, Hartford (R2661); Mrs. Anna Puzinski, Torrington (R2590); Frank Ursone II, Norfolk (R2574).

District of Columbia: Ernest L. Wilkinson, Esq., Washington (R2608)



Idaho: Ted Cady, Moscow (R2559 Idaho 4).

Illinois: Cornelius Van Fleet, Winnetka (R2576); Michael Leppanen, Chicago (R2648); Frank Janacek, Chicago (R2603).

W45BR in Baton Rouge, La., the first FM station in the deep South runs only 1000 watts, yet they have been heard and verified as far as Ontario, according to R1843—L. N. Stracener.

W45D in Detroit verified in six days for R2145—Frank Coryell. They were heard on an A. M. receiver. The W45D Chief Engineer stated that FM stations can be heard on AM receivers, but with very poor modulation.

W43B in Boston (Paxton), Mass. verified in two days with a letter and an interesting booklet on FM for R1691—Hal Robie (Mass.).

K51L owned by the St. Louis University is just beginning construction and will not be on the air for several months.

K65KC is the call of the 46500 kcs. station in Kansas City and they are now on the air commercially. The last two items from R2193—Bernhard Keiser (Mo.).

K45LA, the first FM station in the West came on the air August 11, according to R2457—Lothrop Mitten-thal, and they are using 1000 watts

Iowa: Bill Sanders, Cedar Rapids (R2697); Len R. Kruse, Dubuque (R2551).

Kansas: Carl Martin, Atchison (R1934).

Louisiana: Rana Joseph La Gardeur 111, New Orleans (R2552).

Maine: Leon, Howland, Topsham (R2558).

Maryland: George H. Dannettel, Baltimore (R2638); Jack Harroll, Baltimore (R2668).

Massachusetts: W. F. Irving, West Roxbury (R2654); R. L. Martin, Waltham (R2507); C. P. Atherton, Clifton (R2649); Walter E. Welsh, Lynn (R2605).

Michigan: William Ohlsson, Highland Park (R2636); Mrs. T. H. Van Buren, Sturgis (R2547); Robert Bazzy, Highland Park (R2633); Everett C. Glen, Clio (R2611).

Minnesota: William Streng, Winona (R2562); James Park, Hopkins (R2649); Robert Bjur, Minneapolis (R2627).

Missouri: Carl Newman, St. Louis (R2618); Harlie Smith Jr., Fulton (R2546); Bob Mc Arthur, Independence (R2548).

New Jersey: Richard Latabe, Trenton (R2561); Frederick Deibert, South Amboy (R2657); H. Kehlencbeck, Bayonne (R2658); Frank Koble, Garfield (R2613); Joe Stauhs, Bloomfield (R2655); Yale Eastman, Summit, (R2569); Herbert Foster, Belleville (R2629); William Carey, Orange (R26653).

New York: Rt. Rev. Alexander Turner, New York City (R2637); Bruce Briggs, Delevan (R2638); John Kotlarski, Buffalo (R2657); Norman Weiner, Rochester (R642); Lloyd Mertz, Rochester (R2643); Arthur Maintland, New York City (R2587); C. J. Dzimit, Herkimer (R2581); John Reinhardt, Buffalo (R2585); Miss Ida Van Nostrand, Flushing (R2582); Paul Harrington, Laurelton (R2647); Mahlon Stilwell, Troy, (R2566); R. C. Bernes, Syracuse (R2625); John H. Isgen, Albany (R2544).

North Carolina: Grady Ferguson, Charlotte (R266).

Ohio: George Andrews, Shelby (R2623); Dick Sovacool, Akron (R2621); Buddy Benedetti, Cleveland (R2599); Dan Musynski, Toledo (R2601); Baxter Lackey, Dayton (R2573); J. W. Waldron Newman, Tiffin, (R2564); Tom Morrison, Jr., Cleveland (R2619); Casimir J. Koczan, Cleveland (R2564).

Oklahoma: James McCoy, Jr., Cushing (R2622).

Oregon: Lorne Turner, Portland (R2634); Wm. Myers, Salem (R2563)

Pennsylvania: Oscar Williams, Clarion (R1954); Andrew Tuttle, Philadelphia, (R2663); J. Kenneth Focht, Reading (R2620); William Russell, Pittsburgh (R2560); Carl Gable, Lebanon (R2639); George Smith, Jr., Berwick (R2640); Roswell Brown, Philadelphia (R2653); Walter Oliver, Oil City (R2672).

Rhode Island: C. Raymond Wheeler, Westerly (R2662).

Tennessee: John W. Kirk, Jr., Memphis (R2609).

Texas: James Willborn, Amarillo (R2641); Walter Reid, Houston (R2602).

Utah: George Mitton, Logan (R2580).

Virginia: T. G. Mebs, Potrsmouth (R2645); Norman L. Atkins, Portsmouth (R2610).

Washington: Geoffrey Hilton, Zillah (R2628); Stanley Ozbolt, Bucoda (R2678); Ernest Pomeroy, Seattle (R2632).

Wisconsin: Raymond John Jensen, Racine (R266); Bohdan Dembinski, Wilwaukee (R2575).

Canada

Ontario: Ken Roney, Delhi, (R2652); Bill Stewart, Ottawa (R2556).

New Brunswick: Herbert B. Tobin, Saint John (R2579 N. B. 3)

Quebec: Charles Connery, Thetford Mines (R2598).

Peru

V. C. W. Forbes, Lima (R2635 Peru 1).

Some time after the close of the DX season I'd like to select a few official RADEX Club reporters—these reporters to be allowed to use a special Club indicia instead of their regular number for one year after their appointment, at which time new reporters will be named to replace them, or they will be re-appointed according to their reporting during the season.

For the selection of these reporters I am watching very closely the "Report-O-Meter" in Ray La Rocque's column and the "Big Three" in Melvin Fisher's Column. Awarding 25 points for first place, 15 for second, 10 for third, 5 for fourth, and 3 for fifth. One point is awarded for honorable mention or for 3rd place in Melvin Fisher's consolation division. Starting with the Sept.-Oct. issue of RADEX, the list now stands:

Eastern

1.—Norman H. Kane	40 pts.
2.—Bob Gilchrist	30 pts.
3.—Roger Legge	28 pts.
4.—Morgan B. Iler	25 pts.
4.—James Weaver	25 pts.
5.—Stephen Mann	20 pts.
6.—Francis Fellers	16 pts.
7.—Alton Caldwell	11 pts.
8.—Arnold F. Worme	6 pts.
8.—Len Kruse	6 pts.
9.—Ed M. Vickers	5 pts.
9.—Jack Paulus	5 pts.
10.—L. N. Stracener	4 pts.
11.—Bill Cunningham	3 pts.
11.—Bob Koppelon	3 pts.
11.—Carl Silvester	3 pts.

One point each for Buddy Giles, vero J. Laperal, L. A. Mayo, Chet Stedman, Harold Smith, Frederick Kummer, Ralph Kastner, anl Norman Whiton.

Western

1.—George Hiss	40 pts.
2.—Eugene S. Allen	25 pts.
3.—Charles Benedict	15 pts.
4.—Gerald Stoneman	11 pts.
5.—Harry H. Johnson	10 pts.
6.—Arthur Cushen	8 pts.
7.—Russell Cain	5 pts.
8.—Allen G. Hooker	3 pts.
9.—Corporal Charles Lannon	1 pt.

Words from Cuba

A personal note from our Havana Club member—R2009:

"Hello everyone in all parts of the World. . . I hope that everyone of you will excuse my delay in answering your very fine letters and SWL cards. At present I have received over 850 letters and cards from many parts of the world due to the appearance of my notice in RADEX. So you can imagine how much money I need to answer all of these SWL's some of them who request Cuban view cards, pipes, newspapers, stamps, pen-letters, information concerning special transmissions etc. I cannot possible attend to everyone at the same time.

"I do want to make it known that I WILL ANSWER to EVERYONE who has so kindly written me, but please let me have plenty of time as I haven't too much money, hi! All I can say is that RADEX is responsible. I now have almost a thousand cards and letters and they are still coming!"

Well here's one RADEX Club member who realizes the value of a notice included in RADEX. This is a splendid example of why I think the RADEX Club is the ideal nucleus for a united front among the DX-ers. Can I urge all RADEX Club members who are also members of other clubs to write your club president about getting together with us as an associate club. Tell him that you'll stick with his club too, but that the plan behind the Associated DX Clubs is to benefit him as well as every DXer who is a member.

Not enough mail has had time to reach me since the last issue for me to do anything about appointing names to our Stations Relations Committee as yet. For some time requests have been coming in to me and to RADEX for the inclusion of more personal reports as RADEX used to do years ago. This practice was discontinued because the continous repetition of long lists of stations were of

little interest to anyone but the person who had logged them.

However, I think we can strike a happy medium between the inclusion of these reports and their complete omission. If all RADEX Club members will submit reports to me regularly I will try each month to tabulate them in an interesting and easily read form. Understand I do not want station news at this is for other departments of RADEX. I merely want to know what you are hearing and what you are verifying—only the best catches, don't make your lists too long. At the same time you can figure your all-time DX score by using the same method as in the RADEX Contest. Multiply your total number of verifications by the number of countries verified to get your score. In this way I will be able to classify our members according to your score. In this way I will be able to classify our members according to their DX rating!

Reader Reports

One of our new members R2632—Ernest K. Pomeroy of Seattle, Washington undoubtedly finds a whole lot more pleasure in his radio than the average fan. He's a disabled war veteran. Ernest you're free to enter any contest we have—there are no special requirements.

R2590—Anna F. Puzinski of Torrington, Conn., is another of our new members. Anna wonders if there are any other lady members. There most certainly are, but they are distinctly in minority, Anna. I personally wish the few that we do have would write me more often so that we could mention a "y!" more often in this column.

Speaking of y!'s R868—Nancy Lee Saxton of Chicago is one of our minority group of female supporters. Nancy writes to support the new RADEX plan by subscribing for a year.

Tom Moss of Georgia (R1101 Ga. 4) writes to tell me that he's now displaying a new indicia—W4HYW, a genuine ham call, for Tom has just recently received his ticket from the

FCC. Tom will verify all reports from Radex Club members and asks that return postage in United States stamps be sent unless an IRC is used. The QRA: 570 Oak Drive, Hapeville, Ga.



Radexer
Tom Moss,
now W4HYW.

Everett A. Erickson is Captain of a very unique organization—the CRMSS. The Civilian Reserve Monitoring Station System is a voluntary organization of radio fans who wish to learn how they can aid in National Defense. The CRMSS works with the CRARS, a similar organization composed of ham stations and the listeners in exchange for payment of dues receive training in traffic handling and a course in radio procedure. Code practice is planned for a later date. Write to Everett A. Erickson, Capt., National Headquarters, Civilian Reserve Signal Section, 18 Wellman St., Beverly, Mass., for further information.

R2309—George Wells of Warwick Neck, RR. 1, says he heard a couple of hams (W3FJU and W8SCD) chatting the other night and they mentioned that they do not verify—they merely tops the SWL. carls in the waste basket.

R1200 N. Z. 3—That's Arthur T. Cushen of Invercargill, N. Z., the world's Southernmost City. Arthur is shortwave Editor of the N. Z. DX Club and regular contributor to many magazines in Australasia as well as very frequent reporter to Mel Fisher, Radex West Coast Editor. Arthur has written to 600 stations and veri-

fied 64 countries in 2½ years of DX.

Charles Morrison of the International DXers Alliance writes to say that the club's new address is Normal, Illinois and that sample copies of the club's publication, the Globe Circler can be ordered by anyone interested in detailed and complete shortwave notes.

Chatter

Tom Morrison—R2619 is a comparative newcomer to our hobby and I'd like to say hello and thanks for the nice letter. KNX is Tom's best catch. . . . For Charles Wm. Nelson of Cleveland: Your indicia of R2031 was assigned you some time ago.

William Schrueder of Scranton, Pa.—R1635 hasn't missed a copy of RADEX in three years. . . . Not to be outdone, Wm. A. Reese (club indicia not given) hasn't missed a copy since November 1938.

Charles Connery—R2598 has been DXing since May 1938 and boasts of HJCR, CMBL, OAX4A, and CMKN as his best catches on the broadcast band. . . . For Mayer F. Gates, Jr., of Little Rock, Ark.: You are listed in the RADEX Club files as being R233 Ark. 2, which makes you one of our pioneer members.

Art Hankins, R7, Pa.1, of Latrobe, Pa., says that his station reports usually contain two pages with first page having technical information on equipment used, conditions, and strength and quality of signals, while the second page has a detailed report of what was logged.

Robert Mc Hale—R2557 attributes his being bitten by the DX bug to RADEX which he first bought a year ago. . . . George Deligianis adds his Club stationery and other supplies to the already countless votes for stationery, seals and buttons. RADEX will be made available just as soon as we can complete arrangements with printers.

Don Weaver, R2178 of Hot Springs, Ark., is now attending Western Military Academy.

Our Associate Clubs

WDXA—World DX Alliance is celebrating its third Anniversary and is sponsoring a series of DX programs to be known as Between the Nations DX Parade. Programs for WDXA members are being arranged for members from stations in Latin America and Canada for the event.

URDXC — Universal Radio DX Club: A total of fifteen programs over the following stations were broadcast for the URDXC DX Contest which is now completed: XEAC in Tijuana, WPID in Petersburg, Va., KSL in Salt Lake City, and HP5G in Panama City. Many prizes were donated including an Echophone Radio and three one year subscriptions to RADEX.

Chapter Activity

Charles Werdig—R1140 of Washington is working hard to form a chapter in The District of Columbia, Maryland, and Virginia. . . . Jim Weaver—R1397 is busy contacting RADEX Club members in the vicinity of Elkhart and St. Joseph counties in Indiana.

Eddie Strakna—R2327 is perhaps the most ardent chapter fan that the club has. That a Connecticut Chapter hasn't yet been organized is not his fault. Eddie is keeping the mailman busy with letters trying to reach an agreement on a meeting date that will prove suitable to all the prospective chapter members. Eddie offers a suggestion that RADEX have a humor section as well as a quiz section. For some DAFFYNITIONS Ed offers the following:

A SHORT WAVE is a wave on a close-cropped head of hair.

A BROADCAST BAND is a special belt made out of cast Iron for stout people.

A FREQUENCY CHECK is a check on an account that is drawn out frequently.

A METER is a person who meets other people.

(Page 29, please)

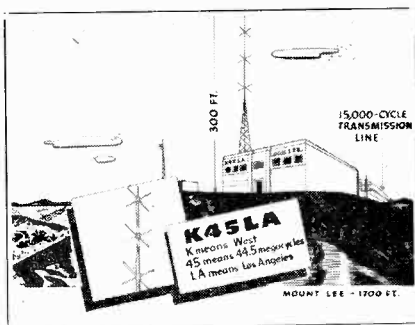
Frequency Modulation

DX ON FM BANDS

Possibilities for DXing on the FM bands are just beginning to make themselves known to DXers who have yet to explore these new and mysterious channels. If you like to DX where there is no QRM or QRN, FM is your hand brother. Of course there are no foreign catches available, but there are over 50 stations in this country spread from coast to coast. Attempts to log them all should offer a lot of fun, for conditions are a lot different on these bands than on any other band on your receiver.

The FM broadcasters just released a statement saying that though the service area of a station is definitely limited, there have been many occasions where long range reception has been reported. Some of the larger FM stations now estimate their range to be as much as 300-400 miles—but there again there have been reports that show that the signals have travelled much farther.

A listener in Tennessee during a period of freak reception heard stations in Boston, New York, Rochester, Schenectady, and New Hampshire. Then another listener reported Detroit, Chicago, New York, and Boston from way down in Louisiana. The FM Broadcasters statements remind us that such reception is not an every day occurrence. But when the stations are heard the signal is crystal clear and free of static. Then we are quickly informed that even these freakish conditions can never possibly create interference problems when stations are more numerous, because a peculiar characteristic of FM makes it possible to hear only one station on each channel at a time. Only the loudest signal will be heard—the other signal just isn't heard, that's all.



Sketch of new Don Lee FM station in Los Angeles.

Reader Reports

Now for some reports from our own RADEXERS who have ventured into the FM field:

Clarence R. Hawes of Wrentham, Mass. writes, "I am a regular RADEX reader and an FM fan. W43B is perfect here, W1XTG — fair, and W2XMN very good. With inside and outside 5½ ft. doublet, and alternate antennas in a 28 ft. double and a 55 ft. single. DX here includes W45D, W47C, W47NV, and W55M. I believe that FM will pull in as much distance as AM and the quality is much better. Information on antennas for FM would be appreciated."

E. B. Charlton, Baton Rouge, La. forwards a schedule for W45BR. his local stations, which has been included in our listing.

Norman E. Whiton, 76 Green St., Greenwood, Mass.: "I have recently become very much interested in FM with the purchase of a Lafayette FM receiver. I have logged only W43B, W39B, and W1XK, along with W1XTG and W2XMN, but I have no special antenna." Norman wants to

hear from anyone in Boston or vicinity who has an FM receiver.

Alton L. Caldwell of Brockton, Mass. has heard W49B, W43B, W2XMN, W1XTG, W1XK, and W1XPW.

Hal Robie of Springfield, Mass. states that W43B verified in a couple of days with a letter accompanied by an interesting booklet on Fm broadcasting.

Ralph Kastner, New Braunfels, Texas has heard W47NV in Nashville. However their verification was a letter thanking him for report of WSM!

Fred E. Delaney of Springfield, Mass. is of the school who think that DX possibilities on FM are strictly limited. Using just a home-made multi-element serial in his attic, Radex Delaney finds that hours when both the sending stations and his set are in darkness prove best for FM reception. Stations heard include W1XSN, W2XMN, W1XSO, W1XTG, W43B, W71NY, W65H, and W2NOY. Fred would like to have RADEX use its influence to urge newspapers to carry FM program listings. And he would like to have RADEX include transmitter locations in listings.

K65KC is the call of the 46500 kes. now on the air commercially. The last station in Kansas City and they are two items from R2193—Bernhard Keiser (Mo.)

K45LA, the first FM station in the West came on the air August 11, according to R2457—Lothrop Mittenhal, and they are using 1000 watts temporarily until their regular equipment is completed.

FM News and Notes

Production of FM sets has reached 1000 receivers per day, according to

estimates of Major H. Armstrong based on figures of licensed manufacturers. . . . W59C is now on the air, operating 12 hours daily. This station has sold the largest single amount of air time. A department store has a full hour program seven days a week.

Kansas City gets a new Commercial FM station on 44900 kes. . . . During the display of Northern Lights early in the season FM had its opportunity

(Next page, please)

HEAR F-M ON YOUR RADIO FOR 89c

Princeton Radio & Mfg. Co.
15889 Princeton Ave.
Detroit, Michigan

Send me your improved Ultra High Frequency converter right away. I understand that it is complete and money-back guaranteed to satisfy me in every way. I don't want to miss the new F-M programs.

Enclosed is 89c. Rush postpaid.

Note: Converter operates without wiring changes on radios which receive short waves. F-M programs heard with this converter do not have perfect tone quality.

Special Exclusive Distance Crystal Radio Plans

Send me 25 copyrighted crystal radio and telephone plans plus an assortment of supersensitive silicon, galena, and pyrites (fool's gold) crystals. I expect sets made from these plans to be unsurpassed in loudness, distance, and sensitivity. (Europe reported) or my money back.

Enclosed is a quarter. Rush postpaid.

Enclosed is a dollar. Send both converter and plans right away.

Name

Address

State

City

to display its superiority over other types of broadcasting, when listeners and observers reported no difference in signals and no noise during the magnetic storm which caused all sorts of upsets on standard broadcast and shortwave broadcast bands.

K45LA First in West

The first FM station in the far West, K45LA, started broadcasting on August 11th and is now operating from noon to midnight, seven days a week. . . . Estimates were that 2000 FM receivers were sold in Los Angeles before the station was a month old! K45LA's transmitter is atop Mt. Lee, 1700 feet high. Special 15000 cycle transmission line was installed to carry the program from studio to transmitter, seven miles away. . . . K45LA uses 1000 watts and plans a 50000 watt station as soon as equipment can be obtained. . . . Many KHJ features are broadcast over K45LA in addition to many special FM programs.

W47NV Exploitation

A caravan of two trucks, frequency modulation sets, a tent, and a display showing the progress of radio over a plan of sixteen years comprises the modbile unit that W47NV, the Nation's pioneer Commercial FM sta-features of FM to specators in fourteen towns in the Nashville area.

The unit was used at fairs, and at various public gatherings in these towns. People in rural areas are very much interested in FM because atmospheric conditions often hamper good reception of regular stations

The caravan will continue to expound the advantages of FM and is at present travelling with the REA—Rural Electrification Authority!

Radex Club

And so, Radexers, we come to the end of the our little gathering for this month. Write me, please, about anything that concerns you or the club. And for those who don't think I'm a real person (I don't like being called alias Ray La Rocque as one member put it) I'm having some pictures made and will have one included on these pages in the next issue. You can get in touch with me through the RADENX Editorial Office, 105 Highland St., Worcester, Mass. My own address—ah that's a deep dark secret!

SOUTH OF BORDER DOWN MEXICO WAY

Those border Mexicans again are the subject of much talk. It seems that XEAW, apparently is not satisfied with its lot on 1570 kes. and has taken upon itself to use 1010 kes. too. The station carries two different programs simultaneously has been received—one on each frequency.

Thus far no word from Mexican authorities on any permission granted XEAW for use of this frequency. Certainly the power used on 1010 kes. is very high, and antenna is evidently beamed toward this country as programs are received like a local in comparison with the 1570 kes. station which is often weak and never very clearly audible.

XENT seems to have become satisfied with its 1140 kes. assignment and is also never strong enough to cause serious interference to American stations on that channel.

January Radex will have Spanish alphabet, So. American lists etc. Send three dimes for your copy now.
--

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.

The DX season is here once more and with all the dope that's flooding the columns of Radex there is no reason at all why it can't be another successful season for DXers—whether you concentrate on the ham bands, broadcast or shortwaves.

For the later two it will probably be more of a season than for the ham band listeners—the war is seeing to that. But we're resolving to do our part by ferreting out every spark of helpful information we can and presenting them to Radexers.

It is really your magazine now, you members of the far-reaching Radex Club. Since it comes only to your homes now, it is your official DX publication. Through it you are in constant contact with your fellow-members, applauding their catches and proudly exhibiting your own.

So let's all keep our interest alive. DX will never die and as long as there is DX there should be an official publication for DX. In the past you will attest that information in your Club magazine has helped you log a toughie. It will again. Let's keep DXing among the major hobbies of civilization.

As we have said, Radex now belongs to the Radexers. And since it does, we're going to run each issue a picture and little story about every one of the Radex Club members, to introduce him, as it were, to his fellow-memebrs.

No one will know who is to be next. I'll decide that by picking a name out of the hat. BUT, the only names that will be in that hat will be those who have sent me reports and who do their part in helping Ham Hounding be of interest and value to ham band listeners.

You know what that means. Let's have those reports regularly. There is still enough doing on all the bands to create interest. Take 160 meters, for example. How about you DXers in the W1 district trying for W6s and W7s? And you W6s and W7s, how about listening for those W1s, W2s, W3s and W4s on the Atlantic Coast. Our best DX on 160 from Columbus is a W5 in Arizona. What's your best DX on 160 and where did you find him?

Let's hop up to 80 meters. Here's a narrow field of CW and phone stations that sounds like it might be 20 meters. Have you logged a K6 or K7 there? How about letting your club members know what you've heard on that band.

How about 40 meters? Wide open. Most of these old timers with their CW rigs have received their best QSLs by working the foreign stations on CW. It's easy to learn to recognize a code CQ. And from there on it's easy to recognize the call since it is repeated so many times. Besides, look at the Latin American phones on this band.

Then, there's 20, the real DX band. One of these nights it will surprise everyone by staying open all night. And 10 meters. It's pretty wile open now. And have you tried listening for those Russians and Siberians on CW? They're on the air, you know. I'll bet very few of you have a U card.

And just a week or so ago along comes an SWL card from a DXer who concentrates on the ultra high-frequency bands, five and two and a half meters. Trying rigging up a receiver or a converter and see what sort of DX you log there.

There's the picture. You can or

cannot have a successful D Xseason. But if you don't it will be in spite of Radex and your club members who are ready to give you a hand!

Radex Club is being swelled daily by newcomers. Many others are sending in their first reports. Three more introduced themselves this issue: Kenneth Dimon (R2533) of Greenport, N. Y., Frank Coryell (R2145) of Cleveland, Ohio, and Van R. Field, who just moved from Center Moriches, Long Island, out our way to Piqua, Ohio. Van, incidentally, is the ultra-high frequency DXer. How about some reports on your activities, Van, and let us know what's doing in that field—also, write to Editor Ray La Rocque for membership in the club if you haven't as yet joined up.

Many thanks for your reports, fellows, and lots of success in your DX quest. Keep 'em coming!

MYSTERY

Grady C. Ferguson (R2606) reported that on Sept. 6 at 10 p.m. he had the good luck to pick up a K7SXB or SFB on approximately 17300 kilocycles, in contact with 2XYM and transmitting a picture!

Grady, however, does not know the QRA of either station but would like them very much so that he could get in touch with them. If anyone is familiar with these QRAs, please pass along the details to Grady Ferguson, 301 Tuckaseege Road, Charlotte, N. C.

Thomas M. Moss (R1101) of Hapeville, Ga., and who has long been a DXer and a member of the Radex Club, is now a ham! Tom is now W4HYW, and although his rig is running low power he will be watch-

ing for those reports from club members. And he assures one and all that they'll be answered for return postage and filed under the call area of the reporter.

Tom uses all bands, both phone and CW. He says he intends to use the ultra-high-frequency bands, too, in a short while.

And so, another Radex club member makes good and joins the other hams in the big time!



QSL of W8TMP, who claims longest QSO!

We would like to call attention to another Radex-sponsored Club, The American QRA Club. Headquarters are at 239 Nelson Drive, Route 3, Baton Rouge, Louisiana. For details write to L. N. Stracener, Jr., president of the club.

The club puts out a monthly bulletin of fresh, 100 per cent QRAs of SW1s and BCL swappers. The dues are 50 cents per year.

QRA and QSL

For Radexer A. M. Hankins, Frank Coryell (R2145) comes through with the following QRA's: K6QUD: F. C. Firth, 2651 Puunui St., Honolulu, Hawaii; K6REF: Hale C. Cheatham, Lihue, Kanai, Hawaii.

Frank also says to send all QSLs for unknown K6s to K6LBH, Jim Pa, 1416-D Lunalilo St., Honolulu.

These stations QSLed for return postage: K6QUD, 6OJ1, 6IQN and 6SRZ.

Wanted by L. N. Stracener, Jr. (R1843) the QRAs of OA1A, W5XGV and W10XNL (heard on 4412.5 kcs.), W8GYV, W8GT and W3IRA.

Some requested QRAs: NE1IF: Luis Farel Cubillas, Triangulo No. 702, Col. del Valle, Mexico, D. F.; W6RX: John Insand, 1040 Channing Ave., Palo Alto, Calif.; W1KLC: F. B. Newton, Nauset Rd., East Orleans, Mass.; W1LYH: Guy A. Bixby, 107 Malden, Everett, Mass.; W8SQL: G. H. Fitzgerald, 419 Beech, Lansing, Mich.



Zeke, Coop, and Bax, the gang at K5AT.

• Our special guest of the month is K5AT, operated by three fun-loving gentlemen commonly known as Zeke, Coop and Bax. They call themselves "The Jungleers" and the accompanying photo shows them just returned from a hunting trip in the jungle with their catch. They didn't say what the catch was but from the photo the animals either are alligators or lizards—we'll guess the latter.

Page thirty-two

K5AT has been operating at Fort Davis in the Panama Canal Zone for the past three years with a rotating gang. That is, it is sort of a club to which the members pay dues and then take turn operating the station. The dues help to keep the equipment in pretty fair shape.

Coop, Bax and Zeke write the following:

"The Commanding General governs our time on the air and also the bands that we operate. At present our schedule of working hours are 3 to 5 E. S. T. on the Ten meter band, twenty meters from 5 to 8 and Forty meter CW 8 to 11. At present we have only three active members and our hours of operation are divided equally among us.

The gang are as follows—Capt. Harry N. Cooperman D. Dental Corps ("COOP"), Sgt. Marion W. Baxley ("BAX"), Sgt. Stanley W. Kulpa ("ZEKE"). We feel that K5AT is the most popular 10 Meter gang and we can prove it with the number of contacts each week. During this past summer the 10-meter band has been very dead but most of the Op's in the states claimed that we were still coming in. We have given signal reports to as many as 31 Hams in twenty minutes. What has happened has been that the moment we placed a CQ out every 10 meter op up in the states, Puerto Rico, Hawaii and the many numerous US possessions come back with a call. In the past there have been too many to let out and our practice down here has been such as to ask any of the op's calling us to alternate their call and our call and in this manner understand that they would be satisfied with just a report. This has been working out in fine shape and that is where we have established our record.

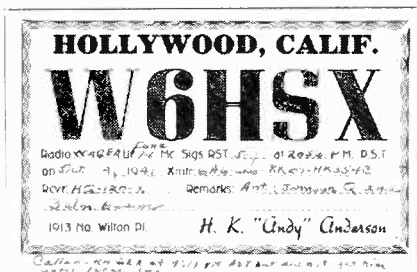
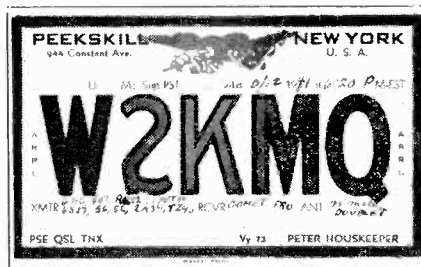
"We are using a Hallicrafter SX 28 receiver and our rig is nothing to speak of as to its modern design. Our transmitter uses a three element rotary beam, cathode modulated hav-

ing about 150 watts input with a pair of 812's in the final, Speech amplification using 616's.

What gets us is that the Panama Canal Zone has a wet season of 8 months and a dry season of the remaining four. During our rainy sea-

son (May to January) we have a most extraordinary high noise level and our receiving is a little bit shaky. But with the winter setting itself in up in the states we feel that the noise will deminish and that the old band will hold up."

THE "W" SECTION



A very interesting chap by the name of Sherwood Espenschied is the op of W8TMP, representing the 8th call area in this month's W Section. He is only 17 years old but has operated for two years, having obtained his license when he was but 15.

Sherwood is on 160-meter phone with 150 watts using a TZ40 final and a half wave flat top antenna, pair of 6L6s in Class A-B, plate modulated.

His DX is 32 states on 160, and incidentally, he exchanges cards with ALL SWLs. His QRA: P. O. Box 134, Hartville, Ohio.

He offers the following dope on Akron (Hartville is a suburb) YL ops: W8VFL is Martha Lee Bishop, who used to write a ham column for the Akron Beacon-Journal and is now Mrs. W8UDR of Chagrin Falls, Ohio. W8WLO is "Rita," who will soon have 5 watts on the air instead of 25. (Boys: Rita's xtal frequency is 1832 kcs).

Sherwood boasts of the longest QSO we have ever heard of—11 hours and 9 minutes with W8SKM of Akron.

W8TMP has two pet peeves: when he hears someone he wants to talk to and the rig keeps continually arcing or the crystal won't kick in, and when he's got the power turned away up listening to a distant station and a local comes on the air almost tearing the earphones from his head!

Peter ("Peter") Housekeeper, the op of W2KMQ, is responsible for many hams now operating. He is a science teacher at the Peekskill, N. Y. Senior High School, and is trustee of the High School Radio Club, W2KVR. He is also president of W2NIK, the Peekskill Community Club and Skipper of the Jans Peek Sea Scouts.

W2NIK and the Sea Scouts did a great job relaying from a boat in the Hudson River the time and position of the first 51 boats in the Albany-New York races recently.

Pete's own rig is operated on 20 and 75-meter phone. It consists of a 6A6, 807, pair of RK12s and a single 100TH running about 300 watts. TZ40s are used for modulators, and there is an Astatic D104 mike. The

antenna is a 75-meter doublet which also works on 20 meters with careful adjustment.

Our last ham of the month is W6HSX, H. K. ("Andy") Anderson, 1913 N. Wilton Place, Hollywood, Calif. He was born on a farm near Hopkinsville, Ky., in 1876, which makes him about 65 years old. He was educated at South Kentucky College there which later merged with Transylvania at Lexington, Ky. He also took a technical training and became a refrigerator engineer.

Andy has had quite a checkered business career, having been bank cashier, teacher and principal in a high school, installed and bought out a 100-ton refrigerator plant, and was postmaster at Madisonville, Ky.

He moved finally to Hollywood and went into semi-retirement, taking up real estate and life insurance as a part-time business.

He learned telegraphy at an early age and took up radio as a hobby about 18 years ago, later took a course in radio engineering and now has a kilowatt transmitter modulated on the 20-meter band.

HIGHLIGHTS

Reports are beginning to pick up and by the next meeting we should have plenty of dope. Meanwhile, here are the highlights.

ALASKA — Bill Wells (R2443) overhead W3EWW saying he was moving to the K7 district and was leaving in October. He may be heard from K7BUB or K7HAR until his own rig is shipped there. K7FTM is on a frequency of 14.21 megs.

CANAL ZONE — K5AQ and K5AH heard by Ken Dimon (R2533) on 10 meters, both with a R7-8 signal. NY1AE heard and verified by L. N. Stracener (R1843); the op is G. E. Zakotmik, Box E, Pedro Miguel, Canal Zone. NY1AD also heard.

CHILE—CE1AB and CE1AO both are operating on 20 meters and often

speaking in English. Here are some frequencies: CE2CI 14050, 3AG, 14140, and 3BG 14110.

COSTA RICA—TI2RC in San Jose, TI2WT in Grecias, and TI5-CMR in Alajuela heard on 20 meters.

GUATEMALA—TG5JG heard calling Chile. Are the TG hams back on the air?

HAWAII—Here are frequencies of some of the K6 amateurs: FSF 28740; RVG 28790; PSY 28460; RUA 28430.

MEXICO—XE2S heard on 10 meters asking for SWL reports. His card is green and black. Some frequencies: XE1FR 14090; XE2GO 14050; XE1MH 14090.

PERU—OA4C in Lima has been heard speaking English on 20-meter phone—also OA4D.

PHILIPPINES—Some more frequencies: KA1CW 14110; KA7FR 14120; KA1AR 14080.

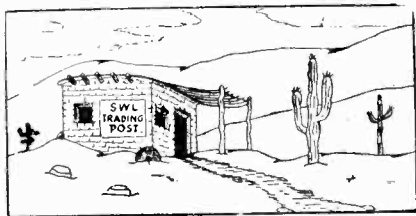
PORTO RICO—K4HVQ on 10 meters is in the Tenth Bombardment Squadron.

VENEZUELA — Bernie Arnold (R1978) received a card from YV1AG who QSLed for no return postage and answered in English.

CHATTER—Many thanks to your friend who furnished the frequencies, Mel. . . . L. N. Stracener—thanks for your fine card, OM, and write me more details about that W8 manager. . . . also a fine card received from Frank Coryell. . . . Received Oddgeir Barneson's card, too—a neat one. . . . to all youse guys: my cards are almost ready and you'll all get one as soon as. . . . Tom Moss: I'll probably be down there not before next September, Tom, but will sure stop and see you when I go through. . . . To Van Field: I'll let you know of any UHF hams around Piqua if I hear of any.

SWL Trading Post

OUR EXCHANGE DEPT.



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

Kern Anderson, 9263 Mendota St., Detroit, Mich. (SWL Cards)

Geo. Deligianis, 42 Perry St., San Francisco, Calif. (Foreign SWL QRA's)

Joseph Ribinski, 57 Oak St., Yonkers, N. Y. (SWL Cards)

Joe Crompton, 1 Clapperton St., Barrie, Ont. (New Address)

Don Weaver, Western Military Academy, Alton, Ill. (SWL Cards, new Address)

Don Wattenbarger, (R1950) 9 Oakdale Ave., Mill Valley, Calif. (SWL Cards)

Joseph J. Becker, Sr., 415 S. Eleventh St., Hamilton, Ohio. (SWL Cards and post card views)

Chas. F. Schlotthaur, 59 Reid Ave., Brooklyn, N. Y. RR2492 (SWL and picture post Cards)

Al Bukovec, 109401 Naumann Ave., Euclid, Ohio. (SWL Cards)

George J. Hiss, (R1919) 9003 East Third St., San Bernardino, Calif. (New address for SWL Cards)

George Wells, 147 Stapleton Ave., Hamilton, Ont., Canada. (SWL Cards)

Eddie Strakna, R2327 Box 85, Jewett City, Conn. (Correspondence and pictures)

Dave Bloch, 175, 38, 88 Ave., Jamaica, N. Y. (SWL Cards)

John Chipps, 2719 Pershing Ave., San Bernardino, Calif. (SWL Cards)

Richard Coatsworth, R1920, 23 Cardinal Place, Toronto, Canada, (Correspond with persons 15 years of age)

Jack Shugg, 36 Elm St., Northcote, N. 16 Melbourne, Victoria, Australia. (SWL Cards)

W. Barnes, 254 Green St., Lockport, N. Y. (SWL Cards)

Thaddeus Gradek, 1910 Cudaback Ave., Niagara Falls, N. Y. (SWL Cards)

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

Howard Perkins, 1256 East 111 St., Cleveland, Ohio. (SWL Cards and Photos)

John T. W. Blyth, Rectory Road, Hockering, East Dereham, Norfolk, England. (Swapping postcards, newspaper, magazines, stamp and souvenirs, QSL 100% to cards and Correspondence).

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

John Sevier, 3 Justall Court Apts, Greensboro, North Carolina. (Correspondence).

Ralph Simmons, Box 606, R. R. 9, S. H. Bra, Pittsburgh, Penna. (SWL Cards)

Charles A. Mills, P. O. Box 326, Strathroy, Ontario, Canada. (SWL Cards)

Frank Coryell, 2041 Coventry Road, Cleveland Heights, Ohio. (SWL Cards and will trade Newsweek and Time magazines for Radio magazines)

Bob Mc Farland, 603 East Maple, Cushing, Okla. (SWL Cards)

(Please turn to page 49)

Veri News and New Veris

LATEST VERIFICATIONS

Standard Broadcast

KSCJ's new verification card is a very clever card in three colors. The card, as shown, was designed by KSCJ's manager, Gene Flaherty and drawn by George Vandenbrink artist for Sioux City Journal.

KXOK's verification is printed on standard government postal and has black outline call letters, $\frac{1}{2}$ inch high, across the face of card.

CHML verifies on a postcard with a picture of the station on it.

KGMB in Honolulu verifies with an attractive printed post card.

WFCI verifies by personal letter.

HJAN card has both standard and shortwave calls listed on it and reverse contains a personal message in Spanish.

XEG's verification card shows Cerro de la Silla (Saddle Mountain) in the background of the XEG building in Monterrey.

WTIC in Hartford sends a verification stamp to the listener for every correct report.

WBEN will send anyone a booklet showing their studios, transmitters, etc. for a three cent stamp.

Shortwaves

VLQ-5 and VLG-5 send the regular A. B. C. verification card.

OPM verified with a letter in French and sent a dozen interesting and unusual stamps as a souvenir. Letters to this stations should be sent to Radio Congo Belge, Cabinet Du Gouverneur General, Service De L'Information, Leopoldville, Belgian Congo.

CJCX in Sydney verifies with a postal card printed in black. Card was enclosed in an envelope that had a censor's stamp on it.

Page thirty-six



Clever new KSCJ card being sent DX-ers who correctly report the station and enclose return postage.

CB1174's address for those who want it is "Radio HUCKE," Casilla 6009, Santiago, Chile.

CBFY verifies with the same Canadian Broadcasting Corp. card as CBFW.

XGOY in Chungking verifies with an attractive card which usually takes quite a while to reach its destination.

For assistance in compiling this data we thank R2467—Wilson Barnes, R2167—Len Kruse, R2327—Eddie Strakna, R1920—Richard Coatsworth, R1691—Hal Robie, R2612—John Chippis.

HEAR DX TIPS

Last Tues: WCED 1230 kcs. 4 a.m. (RADEX)

Every Sun: CFCO 630 kcs. 10 a.m.

Every Mon: XEAC 690 kcs. 2 a.m. (URDXC)

Every Fri: WPID 1240 kcs. 10 p.m. (URDXC)

First Mon: WJLS 1240 kcs. 5 a.m. (WDXA)

Second Wed: WJLS 1240 kcs. 4:35 a.m. (WDXA)

HAM CALLS HEARD

Ten Meters

HK1AK (c), HK2CB (c), HK3CC (c), KB4HBN (c), K4EZR (c), K4FAB (c), K4FDC (c), K4FOW (c), K4DDH (c), K4G1G (c), K4GPS (c), K4GTH (c), K4HFS (c), K4IAS (a), K4HVQ (a), K4EJG (c), K4GPU (c), K4HHR (c), K4KD (c), W5FLA/K4 (c), W8ULY/K4 (c), K5AC (c), K5AP (c), K5AQ (c), K5AT (c), K6AQM (e), K6MUV (acc), K6FKN (e), K6UUL (c), K6PS (e), K6RQA (c), K6PAH (e), K6TGG (e), K5QOE (e), K6RGV (e), K6SWV (e), NY4AD (c), XE2S (cs, and YV1AQ (e).

Twenty Meters

CE4BP (c), CE1AO (c), CE3CG (c), CE1AK (c), CE1A1 (c), CE1AL (c), CE3CT (cd), CE3BV (d), CE4AC, CO2PN (d), CO2GL (bcc), CO2WV (e), CO2GY (e), CO2JJ (c), CO8MP (c), CO2HG (c), CO2AA (c), CO2LL (c), CO2AL (c), CO2AO (c), CO2CO (c), CO7VL (c), CO2LA (c), CO2EO (c), CO2BA (c), CO2LY (c), CO2RH (c), CO2MA (c), CO2MC (c), CO2LC (c), CO2HY (c), CO2WL (c); CO2AG (c), CP1AF (c), CN2CO (cd), CX3BH (c), CN1AG (c), CN2BK (c), CN3CI (c), CX3CH (c), CN1BA (c).

EA9AI (c), HH2PB (c), HK3CM (e), HK3CY (e), HK3CL (c), HK1PAA (c), HK4DA (c), H4FCG (c), K4DSE (c), K4ENT (c), K4FAB (c), K4FSP (c), K4FKC (c), K4EMG (b), K61QN (bc), K6SRZ (c), K6REF (e), K6SWV (e), K6IFW (c), K6OTH (e), K6KGA (e), K6RGV (e), K6LKN (c), K6BAZ (e), K6CGK (e), K6QUD (e), K6OJ1 (c), K6LCV (e), K6SDQ (e), KA1JH (e), KA1CM (e), KA1AT (e), KA1AK (c), KA6FB (c), KA7FS (c), K7HA1 (c).

LU1HB (c), LU6KE (c), LU4HE (c), LU2AW (c), LU3HA (c), LU2EE (c), LU5HV (c), LU2LH (c), LU5JE (c), LU7BU (c), LU4HJ (c), LU3WA (c), LU4BK (c), LU7AZ (c), LU7BH (c), LU7AW (e), LU7FW (d).

OA1A (ce), OA4R (d), OA7A (c), OA4B (c), OA4L (c), OA4V (c), OA3A (c), PY4BK (e), PY5AQ (c), PY1IM (c), PY2AG (c), PY4BU (cd), PY1CB, (c), PY1FN (c), PY4AM (c), PY2HV (c), PY2GS (c), PY7BD (c), PY6AN (c), PY2KP (c), PY6AM (c), PY2CP (c).

T12JRS (d), T15JJ (c), T12JC (c), T12AM (c), T12LR (c), T12RC (c), T16PH (c), T15NA (c), T14AC (c).

XE1MF (e), XE1GN (e), XE1AM (c), XE1CH (c), XE1FB (c), XE1JO (c), XE1HJ (c), XE1NJ (c), XE1F (c), XE1LF (c), XE1NO (c), XE1CM (c), XE1MJ (c), XE2S (c), XE2AF (e), XE2AC (c), XE2AQ (c), XE2EM (e).

YS1HUB (c), YV1AG (d), ZP2AC (c), ZP5AC (c).

Seventy-five Meters

CO2LC (c), K6LRN (c).

Key to Reporters

(a)—R7, Pa.1, Arthur M. Hankins, Latrobe, Penna.

(b)—R2309, George Wells, Warwick, R. I.

(c)—Philippe Bates, Philadelphia, Penna.

(d)—Bill Wells, Hamilton, Ont.

(e)—Gene Allen, Berkeley, Calif.

SPECIAL LATIN-AMERICAN ISSUE IN JANUARY

Calendar of DX Programs

CLUB SPECIALS and REGULAR TESTS

When reporting these programs RADEX Club members are urged to use the utmost care to make their reports interesting and informative. Ask for verification, but do not demand it. Tell the station that you saw their program LISTED IN RADEX. Tell them what the RADEX Club stands for and ask them to contact the club regarding our policy for better relationship between DXer and radio station.

If you add a new catch through the efforts of one of the clubs who have arranged the program, write a letter to that club thanking them for arranging it and ask for details on joining the organization!

SPECIAL PROGRAMS

- Wednesday Morning, Dec. 3rd**
 3:00-4:00 WSVA, 550, Harrisburg, Va. (WDXA)
 3:30-4:00 KHMO, 1340, Hannibal, Mo.
 4:00-4:15 WIZE, 1340, Springfield, O. (WDXA)
 4:00-4:15 WGAU, 1340, Athens, Ga.
 4:15-4:30 WATW, 1340, Ashland, Wisc.
- Thursday Morning, Dec. 4th**
 2:00-3:00 WROL, 620, Knoxville, Tenn. (WDXA)
 3:20-3:55 WDAK, 1340, West Point, Ga.
- Friday Morning, Dec. Dec. 5th**
 4:00-4:30 KYUM, 1240, Yuma, Ariz.
- Sunday Morning, Dec. 7th**
 1:00-1:05 WBZA, Springfield, Mass.
- Tuesday Morning, Dec. 9th**
 2:20-2:35 WACO, 1450, Waco, Tex.
- Sunday Morning, Dec. 14th**
 2:00-3:00 CHRC, 800, Quebec City, P. Q. (GNSWLC)
 1:30-5:00 CFRN, 1260, Edmonton, Alta. (NNRC)
- (No return postage on CFRN if you live outside of Canada)
- Monday Morning, Dec. 15th**
 3:00-4:00 KLN, 910, Oakland, Calif.
 3:30-4:00 KMYR, 1340, Denver, Colo.
- Tuesday Morning, Dec. 16th**
 2:00-3:00 CKVD, 1230, Val D'Or, P. Q. (GNSWLC)
- Wednesday Morning, Dec. 17th**
 2:00-4:00 WOGB, 1240, W. Yarmouth, Mass. (GNSWLC)
- Friday Morning, Dec. 19th**
 3:30-4:00 KFNE, 920, Shenandoah, Iowa (WDNA)
- Saturday Morning, Dec. 20th**
 4:15-4:30 KWFC, 1340, Hot Springs, Ark.
 4:30-4:45 WJHO, 1400, Opelika, Ala.
- Thursday Morning, Dec. 25th**
 A lot of Latin Americans are on all night, try especially for Costa Rican stations!
- Tuesday Morning, Dec. 30th**
 4:00-5:00 WCED, 1230, DuBois, Pa.—RADEX is often mentioned on this program—listen!
- Thursday Morning, Jan. 1st**
 12:01-7:00 WKBW, 1520, Buffalo, N. Y. Many stations not usually on after midnight are on late New Year's eve!

REGULAR TESTS

First Sunday								
4:00-4:15	WESX	1230	3:15-3:30	WGBR	1400	2:45-3:00	WJHO	1400
First Monday			3:20-3:35	WSAU	1400	2:50-3:05	WMJM	1490
2:00-2:30	WAOV	1450	3:25-3:40	WSPB	1450	2:50-3:05	WCRS	1450
2:30-3:00	KFGQ	1400	3:25-3:40	WGAC	1240	3:00-3:15	WTMA	1250
3:30-4:00	WMOB	1230	3:30-3:45	WFTL	1400	3:00-3:15	WCBI	1400
5:30-6:00	WRAW	1340	3:30-4:00	KHMO	1340	3:05-3:20	WJBY	1240
First Tuesday			3:40-4:00	WSKB	1230	3:00-3:30	WLBJ	1340
2:15-2:30	KWOS	1340	3:45-4:00	WMGA	1400	3:05-3:20	WAPO	1150
4:30-5:00	KAWE	1240	3:50-4:05	WFTM	1240	3:10-3:25	WMOG	1490
First Wednesday			3:55-4:10	WDLF	1230	3:15-3:30	WMOB	1230
2:15-2:30	KWOS	1340	4:00-4:30	WATW	1400	3:25-3:40	WGOV	1450
2:25-2:40	WSAV	1340	4:00-4:15	WGAU	1340	3:30-3:45	WMRC	1490
2:30-2:45	WHUB	1400	4:00-4:15	WIZE	1340	3:35-3:50	WRBL	1230
2:30-2:55	WBIR	1240	4:15-4:35	WSAZ	930	3:40-3:55	KLUF	1400
2:40-2:55	WKAT	1366	First Thursday			3:50-4:05	WGGA	1240
2:45-3:00	WKPT	1400	2:00-2:30	KTRI	1450	4:00-4:15	WMJM	1490
2:45-3:05	WKBB	1490	2:00-2:30	WFOR	1400			
2:50-3:05	WPAB	1370	2:30-2:45	WORD	1400	First Friday		
3:00-3:15	WCOS	1400	2:30-2:45	WJHL	910	2:30-3:30	WGTC	1490
3:05-3:20	WPRF	790	2:35-2:50	WTMC	1490	4:05-4:20	WTCM	1400
3:10-3:25	KVIC	1340	2:40-2:55	WFIG	1340	4:10-4:25	WBNS	1460
			2:45-3:00	KGBS	1240			

First Saturday

2:00-2:30	WTSP	1380
2:30-3:30	WFGP	1450
3:00-3:15	KWAT	1240
3:00-3:20	KVGB	1400
4:00-4:15	WLAV	1340
4:10-4:30	WCM1	1400

Second Monday

2:00-2:30	WAOV	1450
2:00-3:00	KGFV	1340
2:45-3:00	WILM	1450
2:55-3:10	WBRK	1340
3:00-3:15	WABY	1400
3:05-3:20	WMAS	1450
3:10-3:25	WCAX	1230
3:15-3:30	WRDO	1400
3:20-3:35	WAGM	1450
3:25-3:40	WHA1	1240
3:30-3:45	WWSR	1420
3:35-3:50	WFFF	1340
3:40-3:55	WSSL	1400
3:45-4:00	WCAD	1250
3:45-4:00	KVWC	1490
3:50-4:05	WLNH	1340
3:55-4:10	WIBX	1230
4:00-4:15	KVRS	1400
4:05-4:20	WMBO	1340
4:10-4:25	WBRB	1240
4:10-4:25	KDNT	1450
4:15-4:30	KPAB	1490
4:20-4:35	KVON	1340
4:25-4:40	KFPW	1400
4:30-4:45	WMIN	1400
4:35-4:50	KNET	1450
4:40-4:55	WBBZ	1230
4:45-5:00	KFGQ	1400
4:50-5:05	KRBC	1450
4:55-5:10	KGHI	1230
5:00-5:15	KTEM	1400
5:05-5:20	KABR	1420
5:10-5:25	KGKE	1230
5:15-5:30	KFJZ	1270
5:20-5:35	WMBH	1450
5:25-5:40	WIL	1230
5:30-5:45	WOC	1450
5:35-5:50	KABC	1450
5:40-5:55	KADA	1230
5:45-6:00	KLUF	1400
5:50-6:05	KTKC	920
5:55-6:10	KHBC	1230
6:00-6:15	KRE	1400
6:05-6:20	KXO	1490
6:10-6:25	KGW	620
6:15-6:30	KERN	1400
6:25-6:40	KVCV	1230
6:30-6:45	KLS	1310
6:35-6:50	KYOS	1080
6:40-6:55	KSUN	1230
6:45-7:00	KGDM	1130
6:50-7:05	KIEM	1480
6:55-7:10	KVEE	1230
7:00-7:15	KARM	1340
7:05-7:20	KGLU	1450

Second Tuesday

2:55-3:10	WRAL	1240
3:00-3:15	WSIS	600
3:05-3:20	WMFJ	1450
3:10-3:25	WAIN	1230
3:15-3:30	WMFD	1400
3:20-3:35	WEED	1450
3:25-3:40	WJNO	1230
3:25-3:40	WJMC	1240
3:30-3:45	WRDW	1490
3:35-3:50	WIOD	610
3:35-3:50	WICA	970
3:40-3:55	WAYX	1230
3:40-3:55	WLOK	1240
3:45-4:00	WDNC	1490
3:45-4:00	WPAY	1400
3:50-4:05	WAIK	1340
3:50-4:05	WJLB	1400
3:55-4:10	KWOC	1340

3:55-4:10	WMFR	1230
4:00-4:15	WHBB	1490
4:00-4:15	WKRC	550
4:05-4:20	KFAM	1450
4:05-4:20	WCLE	610
4:10-4:25	KALB	1240
4:10-4:25	WLBC	1340
4:15-4:30	KELD	1400
4:15-4:30	WTAQ	1360
4:15-4:30	WOPJ	1490
4:15-4:30	WJLS	1240
4:20-4:35	WBMC	1440
4:25-4:40	KXYZ	1470
4:25-4:40	WSIX	1240
4:25-4:40	WCM1	1340
4:30-4:45	KGKL	1400
4:30-4:45	WHBY	1230
4:35-4:50	KCMC	1450
4:35-4:50	WSGN	1340
4:35-4:50	WHK	1420
4:40-4:55	KRGV	1290
4:40-4:55	WCOV	1240
4:40-4:55	WADC	1350
4:45-5:00	KTOK	1400
4:45-5:00	WJHL	1230
4:45-5:00	WJBK	1490
4:50-5:05	KGFF	1450
4:55-5:10	KFVS	1240
5:00-5:15	KMAC	1400
5:05-5:20	KAND	1340
5:10-5:25	KAVE	1240
5:15-5:30	KIUP	1400
5:20-5:35	KOCY	1340
5:25-5:40	KDLR	1240
5:30-5:45	KICA	1400
5:35-5:50	KGMB	590
5:40-5:55	KBTM	1230
5:45-6:00	KRMC	1400
6:05-6:20	KORE	1450
6:10-6:25	KOOS	1230
6:20-6:35	KPO	1490
6:25-6:40	KFXD	1230
6:30-6:45	KUJ	1400
6:35-6:50	KRNR	1490
6:40-6:55	KVOS	1230
6:55-7:10	KWLK	1400
7:00-7:15	KRKO	1400
7:05-7:20	KLBM	1450
7:10-7:25	KAST	1230

Second Wednesday

2:00-2:15	KDTH	1370
2:50-3:05	WSLS	1490
2:55-3:10	WEST	1400
2:55-3:10	WBOW	1230
3:00-3:15	WTEL	1340
3:05-3:20	WNBK	1490
3:10-3:25	WLVA	1230
3:15-3:30	WSAJ	1340
3:20-3:35	WWSW	1490
3:25-3:40	WBAX	1240
3:30-3:45	WHAT	1340
3:35-3:50	WTMV	1490
3:40-3:55	WBBL	1240
3:45-4:00	WBNY	1400
3:45-4:00	KOME	1340
3:54-4:05	WHIS	1440
3:50-4:05	KWEW	1490
3:55-4:10	WKOK	1240
3:55-4:10	WDSM	1230
4:00-4:15	WCOL	1230
4:00-4:15	WFBG	1340
4:05-4:20	KRIC	1450
4:05-4:20	WGIL	1400
4:10-4:25	WHDL	1450
4:15-4:30	WEBR	1340
4:15-4:30	KRIS	1360
4:15-4:30	WIBM	1450
4:20-4:35	KBST	1490
4:20-4:35	WPAR	1450
4:25-4:40	KSO	1460
4:25-4:40	WKST	1280
4:25-4:40	WCLO	1230

4:30-4:45	KROC	1340
4:30-4:45	WPIC	790
4:30-4:45	WEOA	1400
4:35-4:50	KDAL	1490
4:35-4:50	WJLS	1240
4:35-4:50	WELL	1400
4:40-4:55	WIAW	1150
4:40-4:55	WHBC	1230
4:45-5:00	KRMD	1340
4:45-5:00	WSAU	1400
4:50-5:05	WLAP	1450
4:50-5:05	KNEL	1490
4:55-5:10	KFDM	560
5:00-5:15	KPDN	1340
5:00-5:15	WHLS	1450
5:05-5:20	WCBS	1450
5:05-5:20	KPLT	1490
5:10-5:25	KGKO	570
5:15-5:30	KFPL	1340
5:15-5:30	WDWS	1400
5:15-5:30	KAWM	1490
5:20-5:35	WPAD	1450
5:25-5:40	KGLO	1300
5:25-5:40	WJBC	1230
5:30-5:45	KRRV	910
5:30-5:45	WGL	1450
5:35-5:50	KGKY	1490
5:40-5:55	WIBU	1240
5:45-6:00	KRBA	1340

Second Thursday

3:00-3:15	WKAT	1360
3:05-3:20	WJRD	1230
3:10-3:25	WSOC	1240
3:15-3:30	WAML	1340
3:20-3:35	WPAR	790
3:25-3:40	WPAX	1246
3:30-3:45	WQAM	560
3:30-3:45	WSLS	1490
3:35-3:50	WPRP	1520
3:35-3:50	WTMV	1490
3:40-3:55	WFTC	1230
3:45-4:00	WKAQ	620
3:50-4:05	WDAN	1490
3:55-4:10	WFOY	1240
4:00-4:15	WAGF	1400
4:05-4:20	KPLC	1490
4:05-4:20	WFDF	910
4:10-4:25	WGRM	1240
4:10-4:25	WSPD	1370
4:15-4:30	WMSL	1400
4:15-4:30	WCPO	1230
4:20-4:35	WKEU	1450
4:20-4:35	KFIZ	1450
4:25-4:40	WGCM	1240
4:25-4:40	WGFU	1280
4:30-4:45	KFYO	1340
4:30-4:45	WFOR	1400
4:30-4:45	WAVE	970
4:35-4:50	KFJM	1440
4:35-4:50	WMPJ	1460
4:40-4:45	KGCU	1270
4:40-4:55	WBHP	1230
4:40-4:55	KQV	1410
4:45-5:00	KWOS	1340
4:45-5:00	WCOC	910
4:45-5:00	WGRC	1400
4:50-5:05	KOTN	1490
4:55-5:11	WEW	770
4:55-5:10	WJMS	1450
5:00-5:15	KGHF	1350
5:00-5:15	WHDF	1400
5:05-5:20	KGFI	1490
5:05-5:20	WTRC	1340
5:10-5:25	KIHB	1340
5:15-5:30	KONO	1400
5:20-5:35	KGKB	1490
5:25-5:40	KASA	1240
5:30-5:45	KFRO	1370
5:35-5:50	KNOW	1490
5:40-5:55	WMFG	1240
5:45-6:00	KRLH	1450
5:50-6:05	KCRJ	1340

5:55-6:10	KIUL	1240	5:45-6:00	KGBX	1260	5:35-5:50	KTSM	1380
5:55-6:10	KVOA	1290	5:50-6:05	KVSF	1340	5:45-6:00	WLB	770
6:00-6:15	KVNU	1230	5:55-6:10	KOKO	1400	5:50-6:05	KOBH	1400
6:05-6:20	KHUB	1340	Second Saturday			5:55-6:10	KPPA	1240
6:10-6:25	KSAN	1450	3:10-3:25	WSFA	1440	6:00-6:15	KIT	1286
6:20-6:35	KRSO	1350	3:15-3:30	WBLT	1230	6:10-6:25	KFJI	1240
6:25-6:40	KTRB	860	3:20-3:35	WMRN	1490	6:05-6:20	KGBU	930
6:30-6:45	KJBS	1100	3:25-3:40	WBRW	1340	6:15-6:30	KGEZ	1340
6:35-6:50	KSUB	1340	3:30-3:45	WGNC	1450	6:25-6:40	KGY	1240
6:40-6:55	KDON	1240	3:30-3:45	WTOL	1230	6:30-6:45	KXRO	1340
6:45-7:00	KGU	760	3:35-3:50	WKBZ	1490	6:35-6:50	KGCX	1480
6:50-7:05	KHSL	1290	3:40-3:55	WTW	1240	6:40-6:55	KFIO	1150
6:55-7:10	KROY	1240	3:40-3:45	WTRW	1340	6:45-7:00	KINY	1460
Second Friday			3:45-4:00	WNOE	1450	6:50-7:05	KFQD	790
2:00-2:30	KORN	1400	3:45-4:00	WBNS	1460	6:55-7:10	KRIC	1450
2:15-2:30	WLAK	1340	3:50-4:05	WOIS	1230	Third Monday		
2:40-2:55	WKRV	1490	3:50-4:05	WGAR	1180	2:00-2:30	WHKY	1410
3:00-3:15	KRIS	1360	3:55-4:10	KSAM	1490	2:00-2:30	WAOV	1450
3:00-3:15	WSVS	1400	3:55-4:10	WLAJ	1340	3:00-3:20	WJPF	1340
3:05-3:20	WJAC	1400	3:55-4:10	WCOL	1240	6:00-6:30	KSWD	1150
3:10-3:25	WJTN	1240	4:00-4:15	WQBC	1390	Third Tuesday		
3:15-3:30	WBLK	1400	4:05-4:20	WTBO	1110	3:00-3:30	KROD	600
3:20-3:35	WLEU	1450	4:05-4:20	WING	1470	Third Wednesday		
3:25-3:40	WCAP	1310	4:10-4:25	KUTA	1410	3:00-3:30	KPHO	1230
3:25-3:40	WSPY	1240	4:10-4:25	WTAL	1340	Third Thursday		
3:30-3:45	WGH	1340	4:10-4:25	WOMT	1340	3:00-3:15	WJPF	1340
3:35-3:50	WCNW	1600	4:15-4:30	KIUN	1400	Third Friday		
3:35-3:50	WMBS	590	4:15-4:30	WNEL	1320	5:40-5:55	KBTM	1230
3:40-3:55	WFAS	1240	4:15-4:30	WOSU	570	Third Saturday		
3:40-3:55	WMBG	1380	4:20-4:35	WDAN	1490	4:00-4:15	WLAV	1340
3:45-4:00	WOKO	1460	4:20-4:35	WMSD	1450	Fourth Monday		
3:45-4:00	WRAW	1340	4:20-4:35	WDZ	1050	2:00-2:30	WAOV	1450
3:50-4:05	WSYB	1490	4:25-4:40	KYSM	1230	2:00-3:00	KGFV	1340
3:50-4:05	WDAS	1400	4:25-4:40	WGTM	1340	2:45-3:00	WILM	1450
3:55-4:10	KWTB	1240	4:25-4:40	WHBU	1240	3:00-3:15	WINN	1240
3:55-4:10	WSYR	570	4:30-4:45	WCMO	148C	5:45-6:00	KHAS	1230
3:55-4:10	WNBZ	1320	4:30-4:45	WTBW	1230	Fourth Tuesday		
4:00-4:15	WBRE	1340	4:30-4:45	WKBN	570	2:00-2:15	WSOO	1230
4:05-4:20	WNLC	1490	4:35-4:50	WNAD	640	Fourth Wednesday		
4:05-4:20	WBTM	1400	4:35-4:50	WCPC	1450	2:00-2:30	WFHR	1340
4:10-4:25	WGBR	1240	4:35-4:50	WXYZ	1270	3:00-3:15	WLOG	1030
4:15-4:30	WAZL	1450	4:40-4:55	KOVZ	1490	5:00-5:15	KWAL	1450
4:20-4:35	WRAC	1400	4:40-4:55	WTJS	1390	Fourth Thursday		
4:25-4:40	WGNV	1250	4:40-4:55	WTAN	1240	2:00-2:15	WFMJ	1450
4:30-4:45	WJBL	1230	4:45-5:00	KLCN	1320	2:00-2:30	WMAN	1400
4:30-4:45	WSOY	1340	4:45-5:00	WMBR	1400	Fourth Friday		
4:35-4:50	KATE	1450	4:45-5:00	WMPC	1230	3:00-3:15	WENY	1230
4:35-4:50	WKBB	1490	4:50-5:05	WSLI	1450	Fourth Saturday		
4:40-4:55	KARK	920	4:50-5:05	WEAU	1070	4:00-4:15	WLAV	1340
4:40-4:55	WJIM	1240	4:55-5:10	KOGA	1240	4:00-4:30	KWFC	1340
4:45-5:00	WHLB	1400	4:55-5:10	KVOL	1340	4:30-5:00	WHHO	1300
4:45-5:00	WEXL	1340	5:00-5:15	KBFX	1490	4:45-5:00	WHKY	1400
4:05-5:05	WOMI	1490	5:00-5:15	WBTH	1400	4th of Every Mo.		
4:55-5:10	KFJB	1230	5:05-5:20	KPAC	1250	3:00-3:15	WINN	1240
5:00-5:15	WDMJ	1340	5:10-5:25	KANS	1340	7th of Every Mo.		
5:05-5:20	KGIV	1450	5:10-5:25	WROL	620	3:00-3:30	KVGB	1400
5:05-5:20	WKBV	1490	5:05-5:20	WHBO	140C	3:30-4:00	KTEM	1400
5:10-5:25	KGDE	1230	5:10-5:25	WROL	1340	10th of Every Mo.		
5:15-5:30	KGFL	1400	5:15-5:30	KTRH	1320	2:30-2:45	WSLB	1400
5:15-5:30	WEMP	1340	5:15-5:30	KMLB	1230	18th of Every Mo.		
5:20-5:35	KEUB	1450	5:20-5:35	KLPM	1390	4:00-4:45	KODL	1230
5:25-5:40	WCAT	1230	5:20-5:35	WHMA	1450	20th of Every Mo.		
5:25-5:40	WEBO	1240	5:25-5:40	KVSO	1240	3:00-3:15	WSPB	1450
5:30-5:45	KWYO	1400	5:25-5:40	WSTP	1490	2:00-2:30	WAOV	1450
5:35-5:50	KTDW	1450	5:30-5:45	KWLC	1240	4:00-4:15	WLAV	1340
5:40-5:55	KFXJ	1230	5:35-5:50	WTEL	134C			

HELP RADEX GROW WITH VITAMIN "S"

See Page Eighty

The Shortwave Stations

from 2000 to 22000 kcs.

Abbreviations used in our shortwave list: 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., 9-9 a.m., 12:45-3:45 p.m., 5:30 p. m.-12:15 a.m.

3000 kcs. band

3040 YDA Batavia, N.E.I., 4:30-10:30 a.m., 6-7:30 p. m.
3300 YV1RJ Coro, Venezuela, "Radio Ficom"
3305 VUC-2 Calcutta, India, 10:30 a.m. to noon
3310 YV4RX Maracay, Venezuela, "Radio Marconi"
3340 YV1RO Trujillo, Venezuela, "Radio Trujillo"
3350 YV5RS Caracas, Venezuela, "Radio Libertador"
3365 VUB-2 Bombay, India, 9 a.m. to 12:15 p.m.
3370 YV1RT Maracaibo, Venezuela, "La Voz de la Fe"
3380 YV5RY Caracas, Venezuela, "Radio Continente"
3400 YV5RW Caracas, Venezuela, "Radio Tropical"
3410 YV3RX Barquisimeto, Ven., "Radio America"
3420 YV2RC Merida, Venezuela, "La Voz de la Sierra"
3430 YV5RX Caracas, Venezuela, "La Voz de la Patria" until 10:33 p.m.
3435 VUM-2 Madras, India, 8:30 a.m. to noon
3440 YV1RU Maracaibo, Venezuela, "Radio Maracaibo"
3450 YV6RC Barcelona, Venezuela, "Emisora del Estado"
3460 YV4RP Valencia, Venezuela, "Radio Valencia"
3480 YV4RO Puerto Cabello, Vene., "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 YV5RV La Guaira, Venezuela, "Emisora Vargas"
3920 Bridgeton, Barbados, 5:15-6 p.m.

4000 kcs. band

4273 RV15 Khabarovsk*, U.S.S.R., 4:30-6 p.m., 6:30-7:30 a.m.
4700 ZQI Kingston, Jamaica, 5:30-6:30 p.m.
4750 YV1RV Maracaibo, Venezuela, "Ecos del Zulia"
4760 YV4RO Valencia, Venezuela, "La Voz del Carobobo"
4770 YV1RY Coro, Venezuela, "Radio Coro"
4775 HJGB Bucaramanga, Colombia "Radio Santander"
4780 YV3RN Barquisimeto, Vene., "Radio Barquisimeto"
4785 HJAB Banranquilla, Columbia, 5:30-6:30 a.m., 6:11 p.m.
4790 YV6RU Ciudad Bolivar, Vene., "Ecos del Orinoco"
4795 HJDX Medellin, Colombia, "La Voz de Cuenta"
4800 YV1RX Maracaibo, Venezuela, "Ondas del Lago"
4805 HJDU Medellin, Colombia, Irreg. evenings
4810 YV1RL Maracaibo, Venezuela, "Radio Popular"
4815 HJBB Cucuta, Colombia, "La Voz de Cucuta"
4820 YVO Maracaibo, Venezuela, Government station
4830 YV2RN San Cristobal, Vene., "La Voz del Tachira"
4825 HJED Cali, Columbia, 7 a.m. to 1 p.m., 7:10-10:39 p.m.
4840 VUC-2 Calcutta, India, 6:30-10:15 a.m.
4840 YV1RZ Valera, Venezuela, "Radio Valera"
4845 HJCD Bogota, Colombia, 6-11 p.m.
4860 YV5RU Caracas, Venezuela, "Ondas Populares"

WHEN REPORTING THESE STATIONS

Tell them you saw them listed in RADEX

4865 PRC-5 Belem, Brazil, until 8 p.m.
 4785 HJFH Armenia, Colombia, 8-11 a.m., 6-10 p.m.
 4880 VUB-2 Bombay, India, 6:30-8:45 a.m.
 4885 HJDP Medellin, Colombia, 8 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.
 4920 VUM2 Madras, India, 5:30-8:15 a.m.
 YV5RN Caracas, Venezuela, "Radio Caracas"
 ZOY Accra, Gold Coast, rarely heard here
 4945 HJCW Barranquilla, Colombia, 7:30-10 p.m.
 4930 Caracas, Venezuela, "Radiodifusora Nacional"
 4960 VUD2 Delhi, India, 6:30-8:30 a.m.
 YDF Soerabaja, Java, 10:30 p.m.-2 a.m.
 4965 HJAE, Cartagena, Colombia

5000 kcs. band

5045 PMY Bandoeng, Java, 5:30 a.m. to noon
 5556 HUB San Salvador, Salvador, 5:30-11 p.m.
 5725 HCIPM Quito, Ecuador, 2-10 p.m.
 5750 YNJAT Leon, Nicaragua, evenings
 5875 HRN Tegucigalpa, Honduras, 6-11 p.m.
 5885 H19B Santiago, Domin. Rep., 6-11 p.m.
 5900 ZNB Mafeking, BritishBeccruanaland, 6-7 a.m., 1-2:30 p.m.
 5905 TIGPH San Jose, Costa Rica, 7-10 p.m.
 TLX San Jose, Costa Rica, 10 p.m. to midnight
 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 Truillo, Peru, Tu., Th., Sa., Su., 7-10 p.m.
 5950 XGOY Chungking, China
 5970 VONH St. Johns, Nfld., 5-10 p.m.
 HCQRX Quito, Ecuador, "Radio Quito"
 5985 T17RVM Guancasta, Costa, Rica, 9:30-10 p.m.*

6000 kcs. band

6005 HP5K Colon, Panama, 7-9 a.m., 11:30 a.m.-1 p.m., 6-11 p.m.
 XEBT Mexico City, D.F., 10 a.m.-1:45 a.m.
 Moscow, U.S.S.R., 3:30-4 p.m.
 6007 XYZ Rangoon, Burma, 6:30-10 a.m., 9-11 p.m., Su. 9:30-11:30 p.m.
 ZRH Capetown, U. of So. Africa, 10:45 a.m.-3 p.m.
 6010 CFCX Montreal, P. Q., 7:45 a.m.-1 a.m., Su. 9 a.m.-11:15 p.m.
 C1CX Sydney, Nova Scotia, 7 a.m.-1:30 p.m., 4 p.m.-mid.
 CKWX Vancouver, B. C., 10:15-11:30 p.m.
 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
 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 H1UJ 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., 1-7 p.m., 8:30-9 p.m.
 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, late evenings
 MTCY Hsingking, Manchukuo
 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.
 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.
 6055 HJFA Pereira, Colombia, 9 a.m.-noon, 6:30-10 p.m.
 6060 WCAB Philadelphia, Pa., 6:15 p.m.-1 a.m.
 KZIB Manila, P. I.
 WCBX New York, N. Y., not in use yet
 WCRC New York, N. Y. New Station
 WLWO Cincinnati, Ohio
 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.
 6075 GRR London, Gt. Britain, 11:45 p.m.-mid., 12:30-12:45 p.m.
 HJCF Bogota, Colombia, 7 p.m. to mid.
 6080 CKFX Vancouver, B. C., 6-9 p.m.
 CRY9 Macao (nr. China coast), Mo. at 7 a.m.
 6082 OAX4Z Lima, Peru, 6 p.m. to midnight
 6085 VUD3 Delhi, India, 11:15-11:45 a.m.
 XEBF Jalapa, Mexico, 8-9:30 p.m.

- ZBW2 Hong Kong
 ZNS2 Nassau, Bahamas, 8-8:15 a.m., 1-1:15 p.m., 6-9 p.m.
 6090 CBFW Montreal, P. Q.
 6094 ZHJ Penang, St. Settlement, 5:10-9:10 a.m.
 6095 JZH Tokyo, Japan, 4:30 a.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.
 6101 XOJD China (?)
 6100 CP2 La Paz, Bolivia, 8-10 a.m., 6 p.m.-mid.
 6110 GSL London, Gt. Britain, 9:30-11:35 p.m.
 XEGW Mexico City, Mexico, 11 p.m.-1 a.m.
 6112 HI6H Trujillo, Domin. Rep., 5-8:30 p.m.
 6115 Khabarovsk*, U.S.S.R., 6:30-7:30 a.m., 4:30-6 p.m.
 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, Manchukuo, 7:30-9:30 a.m.
 CXA-4 Montevideo, Uruguay
 6130 CHNX Halifax, N. S., 6:45 a.m.-11:15 p.m., Sa. 7 a.m.-11:15 p.m., Su. noon-11 p.m.
 HS4PJ Bangkok, Thailand, 8-10 a.m.
 VLW Perth, Australia
 ZFY Georgetown, B. Guiana, 6-6:30 a.m., 10:45-11:30 a.m., 2:15-2:45 p.m., 3:40-7:15 p.m.
 6135 FK8AA Noumea, New Caledonia, 1-1:45 a.m.
 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.
 HIJE Medellin, Colombia, 9:30 a.m.-1 p.m., 5-11:30 p.m.
 6152 HI5N Moca, Dominican Rep., 6:40-9:10 p.m.
 6150 CJRO Winnipeg, Manitoba, 3:30 p.m.-1:30 p.m.
 TIRH San Jose, Costa Rica, 8-11:30 p.m.
 6155 EOB Teheran, Iran
 6160 CBFW Vercheres, P. Q.
 HJCD Nueva Granada, Colombia, until 11:30 p.m.
 KZRC Cebu, Philippines, 5-7 p.m., 11 p.m.-12:30 a.m., 4-10 a.m.
 6165 HFR-3 Schwarzenberg, Switz., 11:35-1:40 a.m., 4-4:30 p.m.
 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.
 6180 LRA-2 Buenos Aires, Argentina, 6-9 p.m., Sa, Su., 7-9 p.m.
 XEXA Mexico City, Mexico, 8-11 a.m., 2:30-4 p.m., 7:30 p.m.-12:45 a.m.
 6185 TIRCC San Jose, Costa Rica, Tu., Th., Sa. 6-7 p.m., Su. 8-10 p.m.
 6190 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
 WGEA Schenectady, N. Y., 8:30-9:30 p.m.
 Saigon, Fr. Indo China, "Radio Saigon" 6-7:30 a.m.
 6193 TG2 Guatemala City, Guat., 7:30-10 a.m., 6-11:30 p.m.
 6195 HI2D Trujillo, Domin. Rep., 5:10-7:10 p.m.
 6200 CP5 La Paz Bolivia, 6:30-11 p.m.
 CS2WD Lisbon, Portugal, 3-6 p.m.
 HI8Q Trujillo, Domin. Rep.
 6205 OAX3A Huanuco, Peru, after 11 p. m.
 6233 HRD La Ceiba, Honduras, 8-11 p.m., Sa. 8 p.m.-1 a.m., Su. 4-6 p.m.
 6245 HI1N Trujillo, Domin. Rep., 5:10-10:10 p.m.
 6255 CP12 La Paz, Bolivia, 7-9 p.m.
 6280 HI1G Trujillo, Domin. Rep., 6:40-8:40 a.m., 11:40 a.m.-2:10 p.m.
 6285 FIG Yaounde, Cameroon, at 3:30 a.m.
 6290 OAX1A Chiclayo, Peru
 6300 OAX4G Lima, Peru, 6 p.m.-midnight
 6310 HI1Z Trujillo, Domin. Rep., 11:40 a.m.-12:40 p.m., 5:10-7:40 p.m., ex. Su.
 6335 OAX1A Ica, Peru, 8-11 p.m.
 6340 HI1X Trujillo, Domin. Rep., 8:10-10:10 p.m., Su. 7:40-9:40 a.m.
 6350 HRP-1 San Pedro Sula, Honduras, 7:30-10 p.m.
 6370 COCQ Havana, Cuba, evenings
 6380 TIWS Puntarenas, Costa Rica, 5-7, 7:30- p.m., Su. 5-6 p.m.
 6384 ZIZ Basseterre, St. Kitts, 4-4:45 p.m., We. 7-7:30 p.m.
 6395 HI19B 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.
 TGQA Quetzaltenango, Guat., Mo. only
 6430 HI1S Santiago, Domin. Rep., 5:40-9:10 p.m., ex. Su.
 6435 Dakar, Fr. W. Africa, at 8:15 a.m. and 3:15 p.m.
 YSR San Salvador, Salvador, evenings
 6455 COH1 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 HIIL Santiago, Domin. Rep., 5:30-9:30 p.m., ex. Su.
6540 YNUG Managua, Nicaragua, 1-2:30, 8-10 p.m.
TIRCC San Jose, Costa Rica, Noon-2 p.m., 6-7 p.m., Th. 6-11 p.m., Su. 11
a.m.-2 p.m., 6-9 p.m.
- 6558 HI4D Trujillo, Dominican Rep., 12:30-2, 6-8 p.m.
6575 YSPB San Salvador, El Salvador, 5:40-7:40, 9:40-11:40 p.m.
6610 YNLG Managua, Nicaragua, 1:30-2:30, 6-10:15 p.m.
6630 HIT Trujillo, Dominican Rep., 12:40-1:40 p.m., 4:40-8:40 p.m., Sa. 10:40 p.m.
12:40 a.m.
- 6635 HC2RL Guayaquil, Ecuador, Su. 5:45-7:45 p.m., Tu. 9:15-11:15 p.m.
6675 HI0Q Geneva, Switzerland, Su. 1:45-2:45 p.m.
6675 HI9T Puerto Plata, Dom. Rep., 10:40 a.m.-2:10 p.m., 4:40-10:40 p.m.
0695 HLEP San Jose, Costa Rica, 7 p.m.-mid.
6720 PMII Bandoeng, Java, 4:30-11 a.m., Su. 8:30 p.m.-1 a.m., 4:30-11 a.m.
6730 HI1C La Romana, Domin. Rep., 4:55-8 p.m.
6790 PZH Paramaribo, Suriname, Mo. & Th. 6:30-7:30 p.m.
0810 H1H San Pedro, Domin. Rep., 7-9:40 p.m., Su. 5:20-6:40 p.m.
6850 YNOW Managua, Nicaragua, 8-10 p.m.
6985 YQF Kuching, Sarawak, Fri. at 7:40 p.m.
- 7000 kcs. band**
- 7065 GRS London, Gt. Britain, BBC Home Service, heard 1 a.m.
7080 Y15KG Bagdad, Iraq, 9 a.m.-2 p.m.
7090 ... Tangiers, Africa, "Radio Falange" at 1 p.m.
7100 F08AA Papeete, Tahiti, Tu. & Fr. 11 p.m.-mid.
7140 EAJ22 Oviedo, Spain, 3-5 p.m.
7120 CR7RB Nampula, Mozambique, until 3 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.
7210 ... Salisbury, So. Rhodesia
VUC2 Calcutta, India, 9:30-11 p.m.
7220 YDN Medan, Sumatra, 10:30 p.m.-2 a.m.
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.
7240 DXJ Berlin, Germany, Almost continuous operation.
7250 ZHP3 Singapore, St. Settlements, 6:30-9:40 a.m.
YDA Batavia, Java, 10:30 p.m.-2 a.m., Sa. 7 p.m. to 2 a.m.
7258 JYW Tokyo, Japan, 2-4 p.m.
7260 CSWS Lisbon, Portugal, Tu., Th., Sa., 5-6 p.m.
GSU London, Gt. Britain, 12:15-1:15 p.m.
- 7270 DXM Berlin, Germany, mornings
7285 TLG Tokyo, Japan
7290 DJ1 Berlin, Germany, 5-5:15 a.m.
VUD2 Delhi, India, 9:30 p.m.-mid.
7295 J1E Taiwan, 9-10:30 a.m.
7310 I2RO19 Rome, Italy, 8-10:30 p.m.
7440 F8AA Pointe-a-Pitre, Guade., 6-7 p.m., Su. 9:30-11 a.m.
7450 T12RS San Jose, Costa Rica, 7-11 p.m.
7490 YN2FT Granada, Nicaragua, 8-10 p.m.
7520 KKII 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 Guayaquil, Ecuador, 11 a.m.-2 p.m., 4-11 p.m.
7865 SUN Cairo, Egypt, 12:30-1:30 p.m., also at 7 p.m.
7894 YSD San Salvador, El Salvador, 7-10:30 p.m.
7930 PSL Rio de Janeiro, Brazil, 6-7:05 p.m.
7968 HSP6 Bangkok, Thailand, 7-11 a.m.
- 8000 kcs. band**
- 8030 CNR Rabat, Morocco
8030 FXE Beirut, Lebanon, "Radio Levant" 12-12:30 a.m.
8200 PSK Rio de Janeiro, Brazil, 5:45-7 p.m.
8480 XPSA Kweichang, 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.
8790 COCO Havana, Cuba, 7:50 a.m.-12:55 a.m.
8119 KZND Manila, P. I., "Voice of the Commonwealth"
8560 T1P2 Algiers, Algeria, 1:30-2:3 p.m., 4-6 p.m.
COGK 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, 7-8:00 p.m., Sa. 6-7:30 p.m.
9190 HC2ET Guayaquil, Ecuador, 8-10 p.m., Sr. 8:30-10:30 p.m.
9200 COCX Havana, Cuba, 8 a.m.-mid.
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.
9320 FHK Libreville, Gabon, 4-6:15 p.m.
9340 OAX4J Lima, Peru, Noon-3 p.m., 5 p.m.-mid.
9345 HBL 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.
9380 HCJR Quito, Ecuador, Sa. 8-11 p.m. (hrd. on 9435 kcs.)

- 9395 FGA Dakar, Fr. West Africa, 3:15-4 p.m.
 COCH Havana, Cuba, 6:40 a.m.-mid.
 9445 HCODA Guayaquil, Ecuador, 8:15-10:15 p.m., ex. Su.
 9450 GRU London, Gt. Britain, 8:45-11:30 a.m.
 OAN6D Arequipa, Peru, evenings
 9465 TAP Ankara, Turkey, 9-10 a.m.
 9475 VONG St. Johns, Nfld., 9 a.m.-2 p.m.
 9492 KZIB Manila, Philippines, 10 a.m. and 6-11 p.m.
 9500 OFD Helsinki, Finland, 1:15 p.m.*
 XEWW Mexico City, Mexico, 7:45 a.m.-12:45 a.m.
 XGOY Chungking, China, 3-5:30 a.m.
 9505 CP38 La Paz, Bolivia, 8-10 a.m., 6 p.m.-mid.
 Belgrade, Roumania, 1:45-4:15 p.m.
 9510 GSB London, Gt. Britain, 9:45-11:35 p.m., mid-3:15 a.m.*
 9517 XEQO Guadalajara, Mexico, 1 p.m.-mid.
 9520 RV96 Moscow, U.S.S.R., evenings.
 "Y" Paris, France, 4:30-11 p.m.
 ZRH Capetown, So. Africa, 11:45-1:45 a.m.
 9525 DNY* Berlin, Germany, daytime*
 JHW3 Hongkong, China, 5-10 a.m., 11:30 p.m.-1:15 a.m., Su. 5-9:30 a.m.
 JNY Bratislava, Slovakia Mon., Wed., Fri., Sat., 6-7 p.m.
 9530 WGEO Schenectady, N. Y., 3 p.m. to mid.
 9532 COCQ Havana, Cuba, 7:30 a.m.-mid.
 9535 JZ1 Tokyo, Japan, 7:30-8:30 p.m.
 "H" Stockholm, Sweden, 4:20-4:35 p.m.
 HER Berne, Switzerland, evenings to 9:10 p.m.
 VPI2 Suva, Fiji Islands, mid-12:30 a.m.
 9543 XEFT Mexico City, Mex.
 9545 MICY 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.
 9540 VLG-2 Sydney, Australia, 6:20-7:05 a.m.
 Moscow, U.S.S.R., 6-10 p.m.
 9556 OAX4T Lima, Peru, 7-8, 11:30 a.m.-1:30 p.m.
 XEFT Vera Cruz, Mexico, 7:30 p.m.-mid.
 XEFT Vera Cruz, Mexico, 7:30 p.m.-mid.
 9560 DJA Berlin, Germany, mornings
 9560 XEFA Monterrey, Mexico, 10 a.m.-mid.
 VLV2 Perth, Australia, 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.
 9570 CXA2 Montevideo, Uruguay, 11 a.m.-4 p.m., 4:30-9:30 p.m.
 DXZ Warsaw, Poland, 4:50 p.m. to 1 a.m.
 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.
 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, 2:30-9, 9-9:30 a.m.
 9590 WLWO Cincinnati, Ohio, 6-9 p.m.
 VUD2 Delhi, India, 1-3:30 a.m.
 VUD3 Delhi, India, 6:30-11 a.m.
 9595 Athlone, Ireland, 12:30-4:30 p.m., 5-6 p.m.
 9600 CB960 Santiago, Chile, 8-11:30 p.m.
 GRY London, Gt. Britain, 5:10-11:35 p.m.
 RAN Moscow, U.S.S.R., 3-7 a.m., 8:30-9 p.m.
 9605 JLP Tokyo, Japan
 9607 HPSJ Panama City, Panama, 7-8 a.m., noon-1:30 p.m., 6:30-10:30 p.m.
 9610 DNB Berlin, Germany, 4:50-10:45 p.m. (Span.)
 RW99 Inkutsk, U.S.S.R.—until 11 a.m.
 9615 VLG Sydney, Australia, 2-2:30 a.m., 3:25-4:25 a.m., 10:30 a.m., 2-3:03 p.m.
 ZRH Capetown, So. Africa
 9620 TTPG San Jose, Costa Rica, 9-9:30 a.m., 12-2, 6-11:30 p.m.
 CXA-6 Montevideo, Uruguay
 XEWO Mexico City, Mex. evenings
 9625 CXA6 Montevideo, Uruguay, 10:30 a.m.-1:30 p.m., 3:30-9:30 p.m.
 I2RO3 Rome, Italy, 1-2 a.m., 12:07-2:35 p.m., 4:15-4:45 and 6-9 p.m.
 9630 HJCT Bogota, Colombia, 6-11 p.m.
 IFO Taihoku, Taiwan, 4-10:30 a.m.
 9635 KZRH Manila, Philippines, 5 p.m.-11 a.m.
 9636 VPD-2 Suva, Fiji Islands, 12-12:30 a.m., 3:30-8 a.m.
 9640 CXA-8 Coloma, Uruguay, 5 a.m.-10:45 p.m., Sa. to 1 a.m.
 9645 LLH Oslo, Norway, 9-10 p.m.
 XGOY Szechwan, China, 1-3, 8-9:30 a.m.
 JLT-2 Tokyo, Japan
 European Revolution Station, 2-4-6-7 and 12 p.m.
 9650 DJW Berlin, Germany, 3:15-4:30 a.m., 4:50-10:45 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, 9 a.m.
 WGBX New York, N. Y., 1:30 p.m.
 WCRC New York, N. Y.—New xmitter
 9660 LRX Buenos Aires, Argentina, 5:30-6:45 a.m., 10:15 a.m.-11 p.m.
 HHBM Port-au-Prince, Haiti, 7-8:30 a.m.
 9665 ... * Rome, Italy, 1-6:30 and 7-9:30 p.m.
 9670 WRCA New York, N. Y., 4 p.m.-1 a.m.
 I2RO-9 Rome, Italy, 8-11 p.m.
 KGE1 San Francisco, Cal., 7-18 a.m.
 9675 DJX Vienna, Germany, 10:40 a.m.-4:25 p.m.
 Saigon, Fr. Indo China, 7:30-9:45 a.m.
 9680 VLQ5 Sydney, Australia, 7:15-8:05 a.m.
 XEQQ Mexico City, Mexico, 5 p.m.-1 a.m.
 9685 TGWA Guatemala City, Guat., 10-11:45 p.m.
 9690 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.*
 9695 IIE3 Tyureki, Taiwan, at 9:30 a.m.*
 9696 T14NRH Heredia, Costa Rica, Tu., Th., Sa. 9-10 p.m., Su 7-8 p.m.
 9703 ... Fort de France, Martinique, 5:30-8 p.m.
 9710 CR7BE Lourenzo Marques, Mozambique, 7-11 p.m.
 9720 XGOA Chungking, China, 7 a.m.-11:30 p.m.
 9730 CB970 Valparaiso, Chile, 7-9 a.m.
 9740 CSW7 Lisbon Portugal, 4-5:30 p.m., 5:45-8 p.m.
 9760 I2RO18 Rome, Italy, 9-10:30 p.m.
 9775 ZRO ... 2:40-4 p.m.
 9780 HNF Baghdad, Iraq, 9 a.m. to 2 p.m.
 9800 OAX5C Ica, Peru, 7-11:30 a.m.
 9810 HJAG Barranquilla, Colombia, evenings
 9815 IRF Rome, Italy, 5:2015:40 a.m., noon-12:25 p.m., 1:5012:30 p.m., 6-7:25 p.m.
 9825 COCM Havana, Cuba, 8 a.m.-mid.
 9855 EAQ Madrid, Spain, 5-7:30 p.m., 7:45-8:50 p.m., 8:50-11 p.m.
 9890 LSN-2 Buenos Aires, Argentina, occasionally 10-10:15 p.m.
 9892 CP1 Sucre, Bolivia, 11 a.m.-noon, 7-9 p.m.
 9935 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.*
 10040 NOZS ... China*, 6-9:30 a.m.
 10050 SUV Cairo, Egypt, 12:30-1:30 p.m.
 10055 XBHX Mexico City, Mexico, 6:10 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.
 XGAP China, 7:30-9:30 a.m.
 10290 DZC Berlin, Germany, 4:50-8:50 (Port.) 9:15-10:45 (Span.)
 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 ... Yaounde, Fr. Camerouns., 5:45 a.m.-3:30 p.m.
 10950 FIQA Tananrive, Madagascar, 12:30-12:45 a.m., 10-11 a.m., 2:30-4 p.m.
 10953 CR6RB Benguela, Angola, 2:30-3:30 p.m.
 10660 JVN Tokyo, Japan, 1:50-7:40 a.m.

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, Comeroon, at 3:10 a.m.
 11460 COCY Havana, Cuba, noon-mid., RHC Cadena Azul.
 11500 CLB-11 Havana, Cuba, evenings*
 11515 PZX Paramaribo, Suriname, 6:30-7:30 p.m. on Mon. & Th.
 11402 HBO Geneva, Switzerland, 7:45-9:15 p.m.
 11560 ... ? U.S.S.R.* 3-4 p.m.
 11600 PLN Bandoeng, Java, at 7 a.m.
 11610 I2RO-4 Rome, Italy
 11616 COK Havana, Cuba, noon to midnight
 11650 XGOK Canton, China, 7-9 a.m.
 11670 Anderra, "Radio Andorra", 6:30 a.m.
 ... RV- ? U.S.S.R.* 10-11:30 p.m.
 11690 RV- ? U.S.S.R.* 10-11:30 p.m.
 11700 CB1170 Santiago, Chile, 10 a.m.-2 p.m., 3:30 p.m.-mid.
 HP5A Panama City, Panama, 7-10:40 a.m., 5-10:45 p.m., Su. 6-10:45 p.m.
 IQY Rome, Italy, 5:20-5:40 a.m., 1:50-2:30 p.m.
 11705 CXA-19 Colonia, Uruguay, evenings
 CBFY 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,
 11710 Saigon, Fr. Indo China, 7:30-9:45 a.m.
 RV - New U.S.S.R.*, 3-3:20 p.m.
 WLWO Cincinnati, Ohio, 8:30p.m.-mid.
 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 ZP14 Villarica, Paraguay, Mo. to Fr. 4-8 p.m., Sa., Su. 11 a.m.-6 p.m.
 11725 JVVW3 Tokyo, Japan, 9-9:30 a.m.
 117300 OQ2AA Leopoldville, Belgian 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.
 11737 DXC-2 Lamberster, Norway, until 4:30 p.m.
 11740 HVJ Vatican City, Su. & Th. 8-9:30p.m.
 CB1174 Santiago, Chile, 6-11 p.m., Su. 6-10:30 p.m.
 CR6RC Loanda, Angola, 6:30-7:45 a.m., Tu., We., Sat. at 3:30 p.m.,
 Su. 12:30-1 p.m.
 11750 GSD London, Gt. Britain, 6-7 a.m., 4:15-11:45 p.m.
 11760 12R015 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.*
RV - New, U.S.S.R.*, 10:30 a.m. to noon
 ACDN Shanghai, China, 6-10 a.m.
 11770 DJD Berlin, Germany, 10:30 a.m.-4:30 p.m., 4:50-11 p.m.
 ZIE Durban, So. Africa, mornings
 11775 MTCY Hsingking, Manchukuo, 1:30-2:20 a.m., 9:50-10:55 a.m., 4-4:50 p.m.
 11780 Saigon, Fr. Indo China, 6-9:30 a.m., 10:30-11 a.m., 7-7:20 a.m.
 HP5G Panama City, Panama, Noon-1 p.m., 6-10 p.m.
 11845 Vichy, France
 OFE Helsinki, Finland, 1:15 p.m. to 8 p.m.
 11790 WRUL Boston, Mass., 3-5:45 p.m.
 COCF Matanzoo, Cuba, evenings
 11800 JZJ Tokyo, Japan, 6:30-9:30 a.m., 6-6:30 p.m.
 DJZ Berlin, Germany, 3:30-4 p.m.
 11810 12R04 Rome, Italy, 4:30-9 a.m. 10 a.m.-2 p.m., 6-7:25 p.m., 7:30-9 p.m.
 11815 JVZ Tokyo, Japan, 6:30-9:30 a.m.
 11820 GSN London, Gt. Britain, 6-10:30 a.m., 12:15-1:15 p.m.
 RV - ?, U.S.S.R.*, 10-11:30 p.m.
 11825 CXA14 Colonia, Uruguay, 3:30-9:20 p.m.
 11826 XEBR Hermosillo, Mexico, 10 a.m.-4 p.m., 8-10:30 p.m.
 11830 LRA-5 Buenos Aires, Argentina, 4-4:30 p.m.
 WCBX New York, N. Y., 3-6, 6:30-mid.
 VUD4 Delhi, India, 9:05 p.m.-mid., 1-4:25 a.m., 6:30 a.m.-12:15 p.m.
 VUW3 Perth, W. Africa, 1-5 a.m.
 WCBX New York, N. Y., 1-3:30 p.m., 6:30-10:45 p.m.
 WCRC New York, N. Y.
 11840 VLR7 Melbourne, Australia, at midnight*
 CSW Lisbon, Portugal, 11:30 a.m.-1:30 p.m.
 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 XMAH Shanghai, China, 11 p.m.-1 a.m., 5-11 a.m.
 DJP Berlin, Germany, 12:05-2 a.m., 4:50-10:50 p.m.
 11860 GSE London, Gt. Britain, 5:40-10:30 a.m., 10:55 a.m.-1 p.m.
 11865 HER5 Berne, Switzerland, 8-8:30 a.m.
 11870 WBOS Boston, Mass., 2 p.m.-mid.
 VLG-5 Sydney, Australia, 7-7:30 p.m.
 11880 JZJ Tokyo, Japan, 12-1:30 a.m., 7-9:30 a.m., 2-4 p.m.
 COGF Matanzas, Cuba, 9 a.m.-11:30 p.m.
 VLQ7 Sydney, Australia, 12:55 a.m.-1:45 p.m., 10:25-11:10 a.m., 2-2:30 p.m.,
 3:25-4 p.m., 4:55-5:45 p.m.
 Berlin, Germany, afternoons
 11890 WNBI New York, N. Y., 8:15 p.m. to 1 a.m.
 11895 CXA-10 Montevideo, Uruguay.
 11900 XEWI Mexico City, Mexico, Mo., We., Fr., 3-4 p.m., 9 p.m.-mid.
 Sa., 9 p.m.-mid., Su. 12:30-2 p.m.
 11900 XGOV Szechwan, China, 5:30-11:50 a.m., 2-6:20 p.m.
 11900 CD-1190 Valdivia, China, 1 a.m.-1 p.m., 5-10:30 p.m.
 11920 Italy, "Radio Italia" 2-2:50 p.m., 4-4:30 p.m., 6-6:28 p.m.
 11930 XGVM Shanghai, China, 5:45-6 p.m., 9 p.m.
 11945 FZI Brazzeville, Fr. Eq. Africa, "Radio Brazzeville" 2:30-4 p.m., 10-11 p.m.
 11960 New, U.S.S.R., 3-4 p.m.
 11975 CB1180 Santiago, Chile, 7-8 a.m., 4:50-11 p.m.
 11980 ? U.S.S.R. 10-11:30 p.m.
 11980 XIRS, Shanghai, China, 5-7:45 a.m.

12000 kcs. band
 12000 RNE Moscow, U.S.S.R., 6-8 p.m.
 Brazzeville, Fr. W. Africa, "Radio Club" 15 min. periods irreg.
 12030 XGRS Shanghai, China, 5:45-10 a.m.
 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.

- NGRS Shanghai, China, 5:45-10 a.m.
- 12115 ZNR Aden, Arabia, 11:45 a.m.-12:45 p.m.
- 12120 TPZ Algiers, Algeria, "Radio Algiers" 4-6 p.m.
- 12210 RV- , ?—U.S.S.R until 11 p.m.
- 12450 HCTB Quito, Ecuador, 5-10:30 p.m.
- 12235 TFJ Reykjavik, Iceland, Sun. afternoons
- 12490 H1-1N San Pedro, D. R. till 9:10 p.m.
- Radio Levant, Beirut, Syria, 6-7 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.
- 13900 YNDG Leon, Nicaragua, Su. 2:50 p.m.*

14000 kcs. band

- 14400 Ponta Delgada, Azores, 3-4 p.m.
- 14460 DZH Berlin, Germany, 4-8 a.m.
- 14600 JVH Tokyo, Japan, 7-9 a.m.
- 14630 PLJ Bandoeng, Java, We. 6:45-8:15 p.m., 8:40-10:15 p.m.
- 14635 HBT Geneva, Switzerland, 7-10:45 p.m.
- 14680 CMB-4 Havana, Cuba, 6-7:05 p.m.
- 14690 PSF Rio de Janeiro, Brazil, 4:30-5 a.m.
- 14795 IQA Rome, Italy,
- 14920 KQH Kahoku, Hawaii, Sa. 8:30-9 p.m., Su. 9:30 p.m.*
- 14940 PSE Rio de Janeiro, Brazil, 6-7 p.m., Th. 3-3:30 p.m.

15000 kcs. band

- 15040 RKI, Moscow
- 15105 JLG-4 Tokyo, Japan, 6-6:30 p.m.
- 15110 DJL Berlin, Germany, 12-2 a.m., 10:40 a.m.-4:25 p.m.
- 15120 CSW-4 Lisbon, Portugal, 7-9 a.m.
- Athlone, Ireland, "Radio Eiran" 12:30-1 p.m. & 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.
- 15130 WRUL Boston, Mass., 7:15-11 p.m.
- WRUW Boston, Mass.
- RV- - New U.S.S.R., 6-11 p.m.
- 15135 JLU-3 Tokyo, Japan, 8-9:30 a.m.
- 15140 GSF London, Gt. Britain, 7:15-11:30 a.m.
- 15150 WNBI New York, N. Y.,
- 15150 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 DNS Berlin, Germany, till 10:45 a.m.
- JZK Tokyo, Japan, 8-10 p.m.
- 15165 CP43 Tupiza, Bolivia, 6-9:30 p.m.
- 15170 TCWA Cuatimala 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 RV96 Moscow, U.S.S.R., 10-10:50 a.m., 7:30-8 p.m., 9-10 p.m.
- GSO London, Gt. Britain, 7:15-8:15 a.m.
- DJQ Berlin, Germany, 2:30-2:45 p.m.
- 15190 OIE Helsinki, Finland, 1:15 p.m. to 9 p.m.
- XGOX Szechwan, China, 8:30-9:30 p.m., 10-11:05 p.m.
- 15195 TAQ Ankara, Turkey, 6-6:30 a.m.
- 15200 DJB Berlin, Germany, 6-8:45 a.m., 11:30-11:45 a.m., 12:30-12:45 p.m., 4:50-11
- 15210 RV96 Moscow, U.S.S.R., 6-8 p.m.
- 15220 PCI-2 Amsterdam, Netherlands, 6:30-10:45 a.m., 3-10:45 p.m.
- 15225 JLT-3 Tokyo, Japan, 10-11 p.m.
- 15230 I2RO-14 Rome, Italy, at noon
- VLG-6 Sydney, Australia, hrd. after midnight
- New, U.S.S.R., 6-7 p.m.
- 15240 Vichy France, 8:30-9 a.m., 9:15-9:45 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
- WLWO Cincinnati, 8-11 a.m.
- WRUL Boston, Mass., 10 a.m.-6 p.m.
- 15260 GSI London, Gt. Britain, 10:30-10:45 a.m. Sun.
- 15265 RV- - New, U.S.S.R. until 3 p.m.
- 15270 WCAB Philadelphia, Pa., 4-6 p.m.
- WCBX New York, N. Y., not in use
- RV- - New, U.S.S.R. until 3 p.m.
- 15280 DJQ Berlin, Germany, 12:05-11:10 a.m.
- 15287 RV- - New, U.S.S.R. until 3 p.m.
- 15290 VUD3 Delhi, India, 9:05 p.m.-mid., 1-4:25 a.m.
- 15290 TRU Buenos Aires, Argentina, 8-10 a.m.
- 15295 RV- - New, U.S.S.R. Sunday morning
- 15300 I2RO-6 Rome, Italy, Noon-1:15 p.m.
- CXA-13 Montevideo Uruguay
- MTCY Hsingking, Manchukuo, 3-3:50 p.m.

15310 GSP London, Gr. Britain, 10-10:55 a.m., 2:30-5 p.m.
 RW97 Novosibirsk, U.S.S.R. until 4 p.m.
 YDB Soerabaja, Java, 4:30-10:30 a.m., 6-7:30 p.m.
 15315 VLQ3 Sydney, Australia,
 15320 WRUL Boston, Mass.,
 WRUW Boston, Mass., afternoons
 15325 JLT3 Toyko, Japan, 9-10:30 p.m.
 15330 WGEA Schenectady, N. Y., till 5 p.m.
 KGEI San Francisco, Calif., 8 p.m.-1 a.m.
 15427 ??, U.S.S.R. until 3 p.m.
 15590 I2RO-17 Rome, Italy, at 7:45 a.m.
 16200 RV- - Moscow, U.S.S.R., Su. 10-11 a.m.
 15280 DIQ Berlin, Germany, 12:05-11:10 a.m., 4:50-8:50 p.m. (Port.)
 15300 I2RO-6 Rome, Italy, Noon-1:15 p.m., 8-11 p.m.
 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
 17780 WRCA New York, N. Y., 9 a.m.-6:15 p.m.
 17790 GSG London, Great Britain
 17795 JLU-4 Tokyo, Japan
 17800 OIH Helsinki, Finland, not in use
 TGWA Guatamala Cit., Guatamala, not in use
 WLWO Cincinnati, Ohio
 17810 GSV London, Great Britain, mornings.
 17820 I2RO-8 Rome, Italy
 17830 LRA-5 Buenos Aires, Argentina Fr. at 4 p.m.
 WCBX New York, N. Y. Not in use
 17840 HVJ Vatican City
 17890 GRP London, Great Britain, 6-11:30 a.m. (Sp.)
 19590 I2RO-17 Rome, Italy

21000 kcs. band

21470 GSH London, Great Britain, mornings.
 21500 WGEA Schenectady, N. Y., 8-11 a.m.
 WCBX, New York, N. Y., not in use
 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
 21570 WCBX New York, N. Y., not in use
 WCRC New York, N. Y., not in use
 21630 WRCA New York, N. Y.
 21680 HAD Budapest, Hungary

TRADING POST

Billy Clark, Dalton, Georgia, R2260
 (SWL Cards)

George Cryder, Box 358 RRNo. 3,
 Delaware, Ohio. (SWL Cards and
 Fotos. also newspaper with foreign
 readers. Also wanted a printing press,
 size 2½ x 4 up to 6 x 9 will swap or
 buy, also supplies, type, etc.)

Jim Wilson, 4 W. Blithedale, Mill
 Valley, Calif. (SWL Cards)

Walter Holoob, P. O. Box 423,
 Perth Amboy, N. J. (SWL Cards).

black letter cards, view cards and
 snapshots)

LATE TIPS

Friday morning, Dec. 5th

2:00-3:00 CFAC 910 Ottawa, Ont.
 (GNSWLC)

Friday morning, Dec. 19th

2:00-4:00 WLAW 680 Lawrence, Mass.
 (GNSWLF)

Sunday morning, Dec. 28th

2:00-3:00 WGPC 1450 Albany, Ga.,
 (GNSWLC)

MONTH'S CHANGES IN STATION DATA

New

1190 Tiajuana, B. C. 5000 w.
 1340 Fresno, Calif. 250 w.
 1400 Bessemer, Ala. 250 w.
 1490 XEOB Gomez Palacio, Dgo., 100 w.
 1490 CJMH Medicine Hat, Alta. 100 w.

Frequency and Power

550 from 760 XEFU, no change
 570 from WNAX, 1000(5) to 5000 w.
 680 from KFEQ, 500(.25) to 5000 w.
 910 from KVAN, 250 to 500 w.
 980 from 1240 WSIX, 250-5000 w.
 980 from 1180 XETZ, no change
 990 from WNOX, 500 to 10000 w.
 1080 from KWJJ, 500 to 1000 w.
 1110 from 1190 XELO, no change
 1240 from KGY, 100 to 250 w.
 1240 from KDON, 100 to 250 w.
 1240 from 1030 NERZ, no change
 1260 from KFGQ, 100 to 250 w.
 1260 from XEDF, 250 to 500 w.
 1380 from KTSM, 500 to 500(1) w.
 1380 from WAWZ, 1000 to 1000 (5) w.
 1380 from WMBG, 1000(5) to 5000 w.
 1400 from WBTM, 100(.25) to 250 w.
 1400 from WMFD, 100(.25) to 250 w.
 1430 from KTRN, 500 to 1000 w.
 1430 from WRYN, 500 to 500(1) w.
 1450 from 1230 WFAM, no change
 1450 from 1370 WFNC, no change
 1490 from KRNR, 100(.25) to 250 w.

CHANNEL CHATTER

nice verification and are more than pleased to receive reports on their new station. They ask all DXers to write—R2167 Iowa). . . . KATE is on until 3 a.m. every Sunday. . . . WHFC can be heard daily until 2 a.m. . . .

WGPC signs on at 6 a.m. and off at 12:05 a.m. The antenna system consists of a single 175 foot vertical radiator. It is non-directional. Mailing address is simply: Station WGPC, Albany, Ga. All DX reports are answered if they include return postage. This from Fariss, Chief Engineer. . . .

1470 kcs.

XEAU, the new Border station in Agua Caliente, using 10 kw., ought to be on the air by time this item reaches the reader.

1490 kcs.

WEBC can be heard coming on the air at 7 a.m. on Sundays. . . . WDBC is now on the air.

Page fifty

Call Letters

CIVI from CFCT (1480 kcs.)
 WASK from WFAM (1450 kcs.)
 XELQ from XEBC (1270 kcs.)
 CHEX to Peterborough, Ont. (1430 kcs.)
 KPAS to Pasadena, Calif. (1110 kcs.)
 KTTS to Springfield, Mo. (1400 kcs.)
 XEKN to Reynosa, Tamps. (590 kcs.)
 XELY to Aguascalientes, Ags. (1490 kcs.)
 XENJ to Navojoa, Son. (1430 kcs.)
 XEOR to Orizaba, V. Cruz (580 kcs.)
 XETL to Tuxpan, V. Cruz (1390 kcs.)
 XETN to Casas Grandes, Chih. (1400 kcs.)
 XEYZ to Tlaxcala, Tlax. (1480 kcs.)

Delete

WBRB Grand Rapids, Mich. on 1230 kcs.
 ——— Morelia, Mich. on 640 kcs.
 ——— Puebla, Pue. on 1020 kcs.

1550 kcs.

CKTB in St. Catherines, Ontario will be in operation on this channel by the time this item appears in print. CKTB has clear channel on this frequency and will use 1000 watts. W. H. Allen, chief technician, informs R2167—Len Kruse that CKTB was the first Canadian station to use a vertical radiator. Remember the "Silver Spire"!

BCB — 1550 kcs.

XEWC is a new one in Tiajuana heard testing since June 18th. (Yarnes)

1560 kcs.

WQXR in New York City increased its power from 50000-10000 watts on November 1.

1570 kcs.

CFPL can be heard every evening—in the clear (Cooper—N. Y.)

1590 kcs.

WAKR is now on the air, interfering with KITE in the evening hours throughout much of the central part of the country. . . .

TELL YOUR

FRIENDS ABOUT

THE NEW RADEX

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—National "Blue" Network.
 C—Columbia Network.
 D—Daytime only.
 E—Minor Network.
 F—Canadian Network.
 G—Specified Hours.
 L—Licensed for facsimile.
 K—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
 KFYZ N 5000
 KOAC ... 1000(5)
 KOY ... C 1000
 KSD R 1000(5)
 KTSA C 1000(5)
 WDEV D 1000
 WGR M 1000(5)
 WKRC M 1000(5)
 WSWA D 1000
 XLFU P 250

[Redacted]

a Watrous, Sask., Canadian Brdctg. Corp.

[Redacted]

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

560 kcs. (535.4 m.)

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

[Redacted]

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

570 kcs. (526 m.)

CMHI O 10000
 KGKO N 5000
 KMTR ... 1000
 KUTA N 1000(5)
 KVI C 5000
 WKBN G2C 5000
 WMAM D 250
 WMCA ... 5000
 WNAX CP 5000
 WSWR C 1000
 WYNC C 1000

[Redacted]

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

BROADCASTING STATIONS BY FREQUENCIES

580 kcs. (516.9 m.)

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

XEOR 1000

590 kcs. (508.2 m.)

CMCY	O	15000
KGMB	CM	5000
KHQ	FR	5000
WAGA	BP	5000
WEEI	C	5000
WKZO	B	1000(5)
WMBS	C	1000
WOV	R	5000
NEKN	P	250
XEPH	....	5000
YV5RI	B	1000

600 kcs. (499.7 m.)

CFCC	BF	500
CFCH	F	1000
CFQC	F	1000
CFOR	....	1000
CMKV	O	1000
FON	609	250
HJFX	....	1000
KFSD	B	5000
KROD	C	500(1)
TIGPH	605	1000
WCAO	C	500(1)
WICC	M	500(1)
WMT	BM	5000
WREC	C	5000
WSIS	MN	1000
XEOH	....	1000
XESF	....	250
XEZ	....	2000

610 kcs. (491.5 m.)

CHNC	F	1000
CIAT	F	1000
KDAI	C	1000
KFAR	....	1000
KFRC	P	5000
WAYS	M	1000
WCLE	DM	500
WDAF	R	5000
WIOD	N	5000
WIP	....	5000
WMTU	....	1000(5)
XEBX	....	500
XERJ	....	500

620 kcs. (483.6 m.)

CKCK	F	1000
CMJK	....	250
KGW	ER	5000
KTAR	EN	5000
KWFT	CM	1000(5)
TPPG	625	5000
WAGE	M	1000
WHIB	D	250
WKAQ	C	5000
WTRZ	MN	500(1)
WROL	N	500(1)
WSTN	N	5000
WTMI	N	5000
XENK	....	5000

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

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

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., CIOR, Ltd.	
a	Holguin, Cuba, RHC-Cadena Azul.	
a	St. Pierre, Miquelon, G. Salomon.	
z	Manizales, Colombia	
a	San Diego, Calif., Airfan Radio Corp., Ltd.	
a	El Paso, Tex., Dorrence D. Roderick.	
a	San Jose, Costa Rica, Gonzalo Pinto H.	
a	Baltimore, Md., Monumental Radio Co.	
yf	Bridgeport, Conn., The Yankee Network, Inc.	
a	Cedar Rapids, Iowa, Iowa Brdctsg. Co.	
a	Memphis, Tenn., WREC Brdctsg. Service.	
a	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 Brdctsg. Co., Ltd.	
a	Duluth, Minn., Red River Bcstg. Co., Inc.	
a	Fairbanks, Alaska, Midnight Sun Brdctsg. Co.	
b	San Francisco, Calif., Don Lee Brdctsg. System.	
z	Charlotte, N. C., Inter-City Advertising Co.	
a	Cleveland, Ohio, United Brdctsg. Co.	
a	Kansas City, Mo., Kansas City Star Co.	
a	Miami, Fla., Isle of Dreams Brdctsg. Corp.	
a	Philadelphia, Pa., Pa. Brdctsg. Co.	
z	Manchester, N. H., Radio Voice of N. H., Inc.	
z	Sabinas, Coah., Benito Garza Ortega.	
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 Brdctsg. Co.	
a	Wichita Falls, Tex., Wichita Brdctsg. Co.	
b	San Jose, Costa Rica, Claudia Hartinos.	
a	Syracuse, N. Y., Sentinel Brdctsg. Corp.	
a	Greensburg, Pa., Pittsburgh Radio Supply House.	
a	San Juan, Puerto Rico, Radio Corp. of Puerto Rico.	
a	Bangor, Maine, Maine Brdctsg. Co.	
a	Knoxville, Tenn., Stuart Brdctsg. Corp.	
a	St. Petersburg, Fla., City of S. P.	
a	Milwaukee, Wis., The Journal Co.	
z	Mexico City, D. F.	

BROADCASTING STATIONS BY FREQUENCIES

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	...	5000
WMAL	B	5000
WPRO	C	5000
XEFB	...	500
YVKA	...	...

-
- 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 Caracas, Venezuela, Radiodifusora Nacional

640 kcs. (468.5 m.)

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

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

650 kcs. (461.3 m.)

WSM	N	50000
-----	---	-------

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

660 kcs. (454.3 m.)

KQWH	BD	500
KSKY	DP	1000
WEAF	R	50000
WEBZ	....	500
YNPH	....	600

-
- 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.

670 kcs. (447.5 m.)

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

-
- c Chicago, Ill., NBC, Inc.

680 kcs. (440.9 m.)

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

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

690 kcs. (434.5 m.)

CBF	N	50000
CMQ	N	15000(25)
KGCF	M	500(1)
TIGH	....	1000
NEAC	....	5000
XEN	....	5000

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

700 kcs. (428.3 m.)

VOWR	....	500
WLW	KN	50000

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

710 kcs. (422.3 m.)

KIRO	C	50000
KMPC	C	10000
WOR	KM	50000

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

720 kcs. (416.4 m.)

HJCU	....	5000
TIANRH	725	750
WGN	KM	50000

-
- z Bogota, Colombia, "Radio Cristal"
 - f Heredia, Costa Rica, Amando Cespedes Marin.
 - b Chicago, Ill., WGN, Inc.

730 kcs. (410.7 m.)

CKAC	C	5000
XEDP	...	150000

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

BROADCASTING STATIONS BY FREQUENCIES

740 kcs. (405.2 m.)

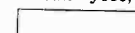
CBL	F	50000
CMJN	O	1000
CMK	....	250
KQW	CP	50000



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

750 kcs. (399.8 m.)

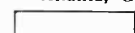
KMMJ	L	1000
KXL	P	1000
....	....	375
TING	....	1000
WHEB	L	1000
WSB	R	50000



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

760 kcs. (394.5 m.)

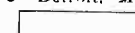
KGU	LN	2500
WJR	C	50000



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

770 Kcs. (389.4 m.)

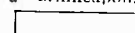
KXA	L	1000
WBAL	SM	2500
WCAL	2D	5000
WEW	D	1000
WJZ	S	50000
WLB	2D	5000



- a Seattle, Wash., American Radio Telephone Co
- a Baltimore, Md., WBAL Brdcastg. Co.
- 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.

780 kcs. (384.4 m.)

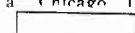
KFAB	CS	10000
WBBM	CS	50000



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

790 kcs. (379.5 m.)

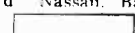
CKSO	F	1000
CMBC	....	1000(5)
KECA	....	5000
KFDY	D	1000
KFOD	G	250
KGHL	N	5000
WEAN	BM	5000
WEAU	....	250(5)
WMC	R	5000
WPIC	D	1000
WPRA	....	1000(2.5)
WTAR	N	5000
WELJ	....	500
XERC	....	1000
YV5RB	....	10000
ZNS	....	1000



- a Sudbury, Ont., Sudbury Star.
- a Havana, Cuba, El Progreso Cubano.
- a Los Angeles, Calif., Earle C. Anthony, Inc.
- a Brookings, S. Dak., S. Dak. State College.
- c Anchorage, Alaska, Anchorage Radio Club, Inc.
- a Billings, Mont., Northwestern Auto Sup. Co., Inc.
- a Providence, R. I., The Yankee Network, Incc.
- a Eau Claire, Wis., Central Brestg. 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 Nuevo Laredo, Tams.
- z Mexico City, D. F., Carlos Dragone Narro.
- a Caracas, Venezuela, Dekwitz & Siblitz.
- d Nassau, Bahamas, Supt. of Telegraphs.

800 kcs. (374.8 m.)

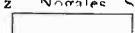
CHRC	P	1000
CKLW	FM	5000
....	P	1000
NESK	P	150000



- a Quebec, P. Q., CHRC, Inc.
- a Windsor, Ont., Western Ont. Brdcastg. Co.
- z Holguin, Cuba.
- z Noeales, Son.

810 kcs. (370.2 m.)

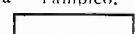
CMHQ	....	5000
HJCI	....	2500
KGO	B	7500
KOAM	DN	1000
WGY	R	50000
XEFW	....	50000



- 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.)

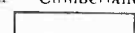
WATT	....	5000
WBAP	ENa	50000
WFSA	ENa	50000
WOSU	....	5000
WTBO	L	250



- 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.)

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



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

BROADCASTING STATIONS BY FREQUENCIES

840 kcs. (356.9 m.)

VOGY 400
WHAS C 5000

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

850 kcs. (352.7 m.)

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

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

860 kcs. (348.6 m.)

CFRB C 10000
CMBI, 5000
KTRB D 250
WSON 250
XEMO 5000
XEXX 5000

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

870 kcs. (344.6 m.)

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

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

880 kcs. (340.7 m.)

WABC C 5000
WHB DM 1000
YVSRQ 882 1000

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

890 kcs. (336.9 m.)

WENR Ba 5000
WLS Ba 5000

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

900 kcs. (333.1 m.)

CHML F 1000
CFBR F 1000
CKBI F 1000
CMKS 250
XFW 10000

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

910 kcs. (329.6 m.)

..... P 1000
CBO F 1000
CFJC 1000
CMCF 5000
KFKA M2 1000
KLX 1000
KPOF 2 1000
KRRV M 1000
KVAN DP 500
WCOC C 1000
WFDF B 1000
WGBI C3 500(1)
WTHL 1000
WQAN 3 500(1)
WRNL B 5000
WSUI 1000(5)
XEAO 250

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

920 kcs. (325.9 m.)

CKNX 1000
CMIL 5000
HJCS 5000
KARK N 5000
KFNF 2 500(1)
KEPY C 5000
KUSD 2 500
WBAA 1000(5)
WBBB D 1000
WGST C 1000(5)
WIAR R 5000
WMMN C 5000

z Wingham, Ont., Wingham Radio Club.
z Camaguey, Cuba, Gaspar Estevez P.
z Bogota, Colombia, "Radio Continental"
a Little Rock, Ark., Ark. Radio & Equipment Co.
a Shenandoah, Iowa, KFNF, Inc.
a Spokane, Wash., Symons Brdcastg. Co.
a Vermillion, S. Dak., University of S. Dak.
a W. Lafayette, Ind., Purdue University.
z Burlington, N. C., Alamance Brdcastg. Co. Inc.
a Atlanta, Ga., Georgia School of Tech.
a Providence, R. I., Outlet Co.
a Fairmont, W. Va., Monongahela Valley Brdcastg. Co.

BROADCASTING STATIONS BY FREQUENCIES

WTMM P 1000
 XEBH 1000
 XEMJ 200

930 kcs. (322.4 m.)

CJCA F 1000
 CMKN O 1000
 KGBU 500
 KIJH BMS 5000
 KSEI N 250(1)
 WBEN R 5000
 WFMD N 500
 WJAX N 1000(5)
 WKY N 5000
 WLBL D 5000
 WPAT DP 1000
 WSAZ 1000
 WTAD C 1000

940 kcs. (319 m.)

CRM FR 5000
 KTCC MP 5000
 WMAZ CL 1000(5)
 XEQ 50000

950 kcs. (315.6 m.)

CKNB F 1000
 CMBZ 1000(5)
 HIX 1000
 KFEL M 5000
 KOMO ER 5000
 KPRC ER 5000
 WAAF D 1000
 WORL D 1000
 WPEN 5000
 WSPA C 5000
 WWJ R 5000
 XEGM 1000(2.5)

960 kcs. (312.3 m.)

CFAC F 1000
 CHNS F 1000
 CMHN E 1000
 KMA B 1000(5)
 KROW 5000
 WBRC R 5000
 WDBI C 5000
 WELI 250(5)
 WSBT C 500
 XFPE 1000
 XEHK 250
 XEOT 500
 XEU 500
 YV5RA 10000

970 kcs. (309.1 m.)

CMKU E 5000
 HJCM 250
 KOIN C 5000
 WAAT 1000
 WAVE N 5000
 WSCH R 5000
 WDAY N 5000
 WFLA 1000(5)
 WFLA D 5000
 WICA D 1000
 XEI 5000
 XFK 500
 XEO 750

980 kcs. (306 m.)

CBV F 1000
 CTRM F 1000
 CKWX F 1000
 CMCK 5000
 KFVB E 5000
 KMBC C 5000

z Trenton, N. J., Trent Brcst. Co.
 ■ Hermosillo, Son., Carlos Baiderrama.
 z Piedras Negras

■ Edmonton, Alta., North Western Publishers, Ltd.
 ■ Santiago de Cuba, RHC.Cadena Azul.
 ■ Ketchikan, Alas., Alaska Radio & Service Co., Inc.
 ■ Los Angeles, Calif., Don Lee Brdctsg. Sys.
 ■ Pocatello, Idaho, Radio Service Corp.
 ■ Buffalo, N. Y., WBEN, Inc.
 ■ Frederick, Md., The Monocacy Brdctsg. Co.
 ■ Jacksonville, Fla., City of Jacksonville.
 ■ Oklahoma City, Okla., WKY Radiophone Co.
 ■ Stevens Point Wis., State of Wis.
 ■ Paterson, N. J., North Jersey Brdctsg. Co., Inc.
 ■ Huntington, W. Va., WSAZ, Inc.
 ■ Quincy, Ill., Ill. Brdctsg. Corp.

■ Montreal, P. Q., CBC.
 f Visalia, Calif., Tulare-Kings Counties R. A.
 ■ Macon, Ga., Southeastern Brdct. Co., Inc.
 ■ Mexico City, D. F., Radio Panamericana.

■ Campbellton, N. B., Charles Houde
 ■ Havana, Cuba, Radio Salas.
 ■ Ciudad Trujillo, D. R., J.R., Saladin.
 ■ Denver, Colo., Eugene P. O'Fallon.
 ■ Seattle, Wash., Fishers Blend Station, Inc.
 ■ Houston, Tex., Houston Printing Corp.
 ■ Chicago, Ill., Drivers Journal Pub. Co.
 ■ Boston, Mass., Brdctsg. Serv. Organization, Inc.
 ■ Philadelphia, Pa., Wm. Penn Brdctsg. Co.
 ■ Spartanburg, S. C., Spartanburg Adv. Co.
 ■ Detroit, Mich., Evening News Ass'n.
 z Timana, B. Cfa.

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

■ Santiago de Cuba, Cadena Radio Habana.
 z Bogota, Colombia, "Nueva Granada"
 ■ Portland, Ore., KOIN, Inc.
 ■ Jersey City, N. J., Bremer Brdctsg. Corp.
 ■ Louisville, Ky., WAVE, Inc.
 ■ Portland, Maine, Congress Square Hotel Co.
 ■ Fargo, N. Dak., WDAY, Inc.
 ■ Tampa, Fla., The Tribune Co.
 ■ Madison, Wis., University of Wis.
 ■ Ashtabula, Ohio, WICA, Inc.
 ■ Juarez, Chih. Pedro Meneses, Jr.
 ■ Mexico City, D. F., Arturo Martinez.
 z Matamoros, Tam.

■ Quebec, P. Q., CBC.
 ■ Regina, Sask., Transcanada Comm., Ltd.
 ■ Vancouver, B. C., Western Brdctsg. Co., Ltd.
 ■ Havana, Cuba, Luis Casa R.
 ■ Los Angeles, Calif., Warner Bros. Brdctsg. Corp.
 ■ Kansas City, Mo., Midland Brdctsg. Co.

BROADCASTING STATIONS BY FREQUENCIES

WGBC	PD	1000
WHAL	DP	500
WRC	R	5000
WSIX	MP	5000
WTRY	....	1000
XEFO	....	500
NETX	P	250
XEXT	....	1000
XEY	P	500
VV2RB	....	500

990 kcs. (302.8 m.)

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

1000 kcs. (299.8 m.)

CMKW	....	1000
KJR	....	5000
WCFL	N	10000
WINS	....	50000
XEOY	....	10000

1010 kcs. (296.9 m.)

CBY	F	1000
CFCN	F	10000
XEJB	....	5000
CMX	....	25000
XEQN	....	500
YV5RG	....	1000

1020 kcs. (293.9 m.)

KDKA	R	50000
KFVD	....	1000

KOB	N	50000
WBZ	BS	50000
WBZA	BS	1000

1040 kcs. (288.3 m.)

HJZ	....	2500
WHO	R	50000
W9XC	....	150000

1050 kcs. (285.5 m.)

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

1060 kcs. (282.8 m.)

CMCM	....	250
CMJA	....	250
HJCG	....	500
KYW	R	50000
XEST	....	50000

1070 kcs. (280.2 m.)

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

1080 kcs. (277.6 m.)

HHK	....	25000
HJAH	....	500
KRLD	C	50000
KWJJ	P	1000
KYOS	DM	250

z	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 Brdcstg Co., Inc.
z	Cananea, Son., Pedro L. Diaz.
z	Izmitian, Pue.
z	Tepec, Nay., Gobierno del Estado de Nayarit.
z	Nogales, Son.
b	San Cristobal, Ven., J. M. Diaz Gonzalez

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

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

a	Toronto, Ont., CBC.
a	Calgarv. Alta., Voice of the Prairies, Ltd.
z	Guadalajara, Jal.
a	Havana, Cuba, Casa Lavin.
z	Nogales, Son.
b	Caracas, Ven., "Emisoras Unidas."

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

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

z	Bogota, Colombia, "La V. de Colombia"
a	Des Moines, Iowa, Central Brdcstg. Co.
z	Mitchellville, Iowa, Central Brdcstg. Co.

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

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.

a	Sackville, N. B., Canadian Brdcstg. Corp.
a	Wichita, Kans., Farmers & Bankers Brdcstg. Corp.
a	Los Angeles, Calif., Columbia Brdcstg. System, Inc.
a	Indianapolis, Ind., Ind. Brdcstg. Corp.

z	Leogane, Haiti
z	Barranquilla, Colombia, "Emisora Atlantico."
a	Dallas, Tex., KRLD Radio Corp.
a	Portland, Ore., KWJJ Broadcast Co., Inc.
a	Merced, Calif., Merced Brdcstg. Co.

BROADCASTING STATIONS BY FREQUENCIES

WCAZ D 250
 WTIC 50000
 YV6RE 250
1090 kcs. (275.1 m.)

HIN 150
 HJEE 250
 KEVR P 250
 KTHS 5000(10)
 WBAL R 50000
 WJAG L 1000
 XEHR 250
 XERB 50000

1100 kcs. (272.6 m.)

HJCB 1105 2000
 KJBS L 500
 WTAM R 50000

1110 kcs. (270.1 m.)

CMBY D 250
 WBT C 50000
 WMBI L2 5000
 XEFO 20000
 KPAS P 10000
 XELO L 50000

1120 kcs. (267.7 m.)

KMOX C 50000
 YVIRF 350

1130 kcs. (265.3 m.)

CBR F 5000
 CMKH 250
 HGE 350
 KGDM DM 1000
 KWVKH C 50000
 WCAR D 1000
 WDCY L 500(5)
 WOV 10000

1140 kcs. (263 m.)

HIBJ 500
 KSOO LN 5000
 WRVA CM 50000
 XENT 50000

1150 kcs. (260.7 m.)

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

KRKC a 1000(2.5)
 KRSC E 1000
 KSAL 1000
 KSWO DP 250
 KFBC G 1000
 WAPQ N 1000(5)
 WCOP 500
 WDEL R 5000
 WISN C 5000
 WTBO B 5000
 WKPA D 250
 WTAW G 1000
 XEFP 600
 W4RD 1153 250
 YV4RD 1153 200

1160 kcs. (285.5 m.)

HJCO 1000
 KSI C 50000
 W4TD I. 20000
 YV5RL 1000

a Carthage, Ill., Superior Brdstg. Service, Inc.
 RYa Hartford, Conn., Travelers Brdstg. Service Corp.
 a Barcelona, Venez., "Ondas del Neveri."

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

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

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

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

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

[]
 z Santa Marta, Colombia, "La V. de S. M."
 a Sioux Falls, S. Dak., S. F. Broadcast Ass'n.
 a Richmond, Va., Larus & Bros. Co., Inc.
 a Nuevo Laredo, Tam. Cia., Industrial Universal S. A.

[]
 a St. John., N. B., N. B. Brdstg. Co.
 a Hamilton, Ont., Wentworth Radio Brdstg. 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, Int.
 a Seattle, Wash., Radio Sales Corp.
 a Salina, Kans., KSAL, Inc.
 z Lawton, Okla., W. Carver and B. Ross.
 a Austin, Texas, State Capitol Brdstg. Assn.
 a Chattanooga, Tenn., W. A. Patterson
 a Boston, Mass., Mass. Brdstg. Corp.
 a Wilmington, Del.
 a Milwaukee, Wis., Hearst Radio, Inc.
 a Baton Rouge, La., B. R. Brdstg. Co., Inc.
 a New Kensington, Pa., Alleghany-Kiski Brdstg. Co.
 a College Station, Tex., Agricultural & Mech. College
 z Mexico City, D. F., Salvador Monterrubio
 a Maracay Venez., "Radio Yaconi."
 a Maracaibo Venez., "Radiodifusora Maracaibo."

[]
 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."

BROADCASTING STATIONS BY FREQUENCIES

1170 kcs. (256.3 m.)

KVVO	....	25000
WAPI	....	1000(5)
WWVA	C	50000
XECD	....	350
XELW	....	500

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

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
WOWO	....	10000
....	P	5000

a	[]	Havana, Cuba, Jorge Garcia Serra
z	[]	Barranquilla, Colombia, "La V. de Victor."
a	[]	Portland, Ore., Oregonian Pub. Co.
Ba	[]	Fort Wayne, Ind., Westinghouse Radio Stations, Inc.
z	[]	Tijuana, B. C.

1200 kcs. (249.9 m.)

HJCR	....	50000
IRCC	....	500
WOAI	EN	50000

z	[]	Bogota, Colombia, "Emisora Nacional."
z	[]	San Jose, Costa Rica, Carlos Borge.
a	[]	San Antonio, Tex., Southland Industries, Inc.

1210 kcs. (247.8 m.)

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

z	[]	Monteria, Colombia, "Ondas del Sinu."
a	[]	Little Rock, Ark., Arkansas Brdstg. Corp.
a	[]	Philadelphia, Pa., WCAU Brdstg. Co.

1220 kcs. (245.8 m.)

CHAB	F	1000
CMKO	....	250
HJCE	....	1000
TIGPH2	1225	1000
WGNY	....	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, "Nueva Alma Tica."
a	[]	Newburg, N. Y., WGNY Brdstg. Co., Inc.
a	[]	Mexico City, D. F., El Buen Tono, S. A.

1230 kcs. (243.8 m.)

CHGB	F	250
CJCJ	F	100
CKVD	....	100
CMCO	2	250
CMCV	2	250
CMFE	....	250
HIW	....	100
KADA	EM	250
KAST	....	250
KBTM	....	100(25)
KELQ	N	250
KFDA	....	250
KFIO	P	250
KFIB	....	250
KFUN	P	250
KFND	....	250
KFNT	....	250
KGDE	....	100(25)
KGEX	G	100
KGFT	....	100
KGHI	....	250
KHAS	....	250
KHBC	CM	250
KMLB	....	250
KODL	....	100(25)
KOOS	M	250
KPHO	P	250
KPOW	....	250
KRLH	....	250
KSTN	E	250
KVCV	....	250
KVFC	M	250
KVNU	....	250
KVOS	M	250
KWG	....	100

a	[]	Ste. Anne de la Pocatiere, P. Q., 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. Vitarino y Cia.
z	[]	Camaguey, Cuba, Maceo No. 27
z	[]	Port-au-Prince, Haiti
z	[]	Ada, Okla., C. C. Morris.
z	[]	Astoria, Ore., Astoria Brdstg. Co.
a	[]	Jonesboro, Ark., Regional Brdstg. Co.
a	[]	Sioux Falls, S. Dak., S. F. Broadcast Ass'n., Inc.
Mta	[]	Amarillo, Tex., Amarillo Brdstg. Corp.
a	[]	Spokane, Wash., Spokane Brdstg. Corp.
a	[]	Marshalltown Iowa, Marshall Elec. Co...
z	[]	Las Vegas, N. Mex., Southwest Brdstg. Inc.
a	[]	Nampa, Idaho, Frank E. Hurt
a	[]	Grand Junction, Colo., Western Slope Brdstg. Co.
b	[]	Fergus Falls, Minn., Charles L. Jaren
f	[]	Sterling, Colo., Elmer G. Beehler
a	[]	Los Angeles, Calif., Ben S. McGlashan
a	[]	Little Rock, Ark., Ark. Brdstg. Co.
a	[]	Hastings, Nebr., Nebr. Brdstg. Co.
a	[]	Hilo, Hawaii Hawaiian Brdstg. Sys., Ltd.
a	[]	Monroe, La., Liner's Brdstg. Station, Inc.
a	[]	The Dalles, Ore., Western Radio Corp.
a	[]	Marshfield, Ore., KOOS, Inc.
a	[]	Phoenix, Ariz., M. C. Reese
a	[]	P. well Wyo., Albert Joseph Meyer
z	[]	Midland, Texas, Clarence Sharbaur
a	[]	Lowell, Ariz., Conner Elec. Co., Inc.
a	[]	Redding, Calif., Golden Empire Brdstg. Co.
a	[]	San Luis Obispo, Calif., Valley Electric Co.
a	[]	Logan, Utah, Cache Valley Brdstg. Co.
a	[]	Bellingham, Wash., KVOS, Inc.
BEa	[]	Stockton, Calif., McClatchey Brdstg. Co.

BROADCASTING STATIONS BY FREQUENCIES

KWNO	E	250		Winona, Minn., Winona Radio Serv.
KYSM	EN	250	a	Mankato, Minn., Southern Minn. Supply Co.
WABI		250	Ca	Bangor, Me., Community Brdcastg. Serv.
WAIM	C	250	a	Anderson, S. C., Anderson College.
WAJR		250	a	Morgantown, W. Va., W. Va. Radio Corp.
WAYX		250	a	Waycross, Ga., Jack Williams.
WBBZ	M	250	a	Ponca City Okla., Adelaide L. Carrell
WBHP		250	a	Huntsville, Ala., Wilton Harvey Pollard
WBLJ		250	a	Dalton, Ga., Dalton Brdcastg. Corp.
WBOC		250	a	Salisbury, Md., Peninsula Brdstg. Co.
WBOW	N	250	a	Terra Haute, Ind., Banks of Wabash, Inc.
WCAT	G	100	a	Rapid City, S. Dak., S. Dak. State School of Mines
WCAX		250	Ca	Burlington, Vt., Bur. Daily News, Inc.
WCBT		250	a	Roanoke Rapids, N. C., J. Winfield Crew, Jr.
WCED		250	a	DuBois, Pa., Tri-County Brdcastg. Co.
WCLO		250	a	Janesville, Wis., Gazette Printing Co.
WCOL		250	Na	Columbus, Ohio, WCOL, Inc.
WCPO		250	a	Cincinnati, Ohio, Scripps-Howard Radio, Inc.
WDLP		100(.25)	a	Panama City, Fla., P. C. Brdcastg. Co.
WDSM		100	Ma	Superior, Wis., WDSM, Inc.
WENY	M	250	a	Elmira, N. Y., Elmira Star-Gazette, Inc.
WESX		250	a	Salem, Mass., North Shore Brdcastg. Co.
WFTC		250	a	Kinston, N. C., Jonas Weiland
WHBC	M	250	a	Canton, Ohio, Ohio Brdcastg. Co.
WHBY	E	250	a	Appleton, Wis., WHBY, Inc.
WHOP		250	a	Hopkinsville, Ky., Paducah Brdcastg. Co., Inc.
WIBX		250	CSa	Utica, N. Y., WIBX, Inc.
WIL		250	a	St. Louis, Mo., Mo. Brdcasting Corp.
WISE	N	250	a	Asheville, N. C., Station WISE, Inc.
WITH		250	a	Baltimore, Md., Md. Brdcastg. Co.
WJBC		250	a	Bloomington, Ill., Kaskaskia Brdcastg. Co.
WJRW		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.
WRD	E	250	a	Tuscaloosa, Ala., James R. Doss, Jr.
WKBO		100(.25)	NQa	Harrisburg, Pa., Keystone Brdcastg. Corp.
WLOF	P	250	z	Orlando, Fla., Hazelwood, Inc.
WLOG		100	a	Logan, W. Va., C. H. Frey and R. O. Greever
WLVA		250	a	Lynchburg, Va., Lynchburg Brdcastg. Corp.
WMAW	P	250	a	Worcester, Mass., C. T. Sherer Co., Inc.
WMFR		250	a	High Point, N. C., Radio Station WMFR, Inc.
WMOB		250	a	Mobile, Ala., S. B. Quigley
WMPG	G	250	a	Lapeer, Mich., Liberty St. Gospel Church
WOL	N	250	a	Florence, S. C., O. Lee Stone
WRBL	C	250	a	Columbus, Ga., Columbus Brdcastg. Co., Inc.
WSAM	G	100(.25)	a	Saginaw, Mich., Saginaw Brdcastg. Co.
WSKB		250	a	McComb, Miss., McComb Brdcastg. Corp.
WSOO		100(.25)	a	Sault Ste. Marie, Mich., Hiawathaland Brdcastg. Co.
WTHT		250	DMa	Hartford, Conn., Hartford Times, Inc.
WTOL		250	a	Toledo, Ohio, Community Brdcastg. Co.
YNOW		800	z	Managua, Nicaragua.

1240 kcs. (241.8 m.)

CBJ	F	250		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.
CICS		50	a	Stratford, Ont., Frank M. Squires
CKCH	F	100	a	Hull, P. Q., CKCH Radio Brdcastg. Co. of Hull, Ltd.
CKMC		50	a	Cobalt, Ont., R. L. MacAdam
CKLN	F	100	a	Nelson, B. C., News Co., Ltd.
CMGF		250	z	Mananzas, Cuba, Bernabe R. de la Torre
HJAE		525	z	Alexandria, La., Alex. Brdcastg. Co., Inc.
KALB		250	z	Wichita, Kans., KANS Brdcastg. Co.
KANS	N	250	Ma	Elk City, Okla., E. M. Woody
KASA		100	a	Carlsbad, N. Mex., Carlsbad Brdcastg. Co.
KAVE		250	a	Ottumwa, Iowa, J. D. Falvey
KBIZ		250	a	Devils Lake, N. Dak., KDLR, Inc.
KDLR		250	Ma	Monterey, Calif., Monterey Peninsula Brdcastg. Co.
KDON	P	250	a	Klamath Falls, Ore., KFJL Broadcasters, Inc.
KFTJ		100	a	Lincoln, Nebr., Cornbelt Brdcastg. Corp.
KFOR	EM	250	a	San Bernardino, Calif., Lee Bros. Brdcastg. Co.
KFXM	2M	250	z	Harlingen, Tex., Harbenito Brdcastg. Co.
KGBS		250	Ma	Olympia, Wash., KGY, Inc.
KGY	P	250	a	Okmulgee, Okla., Okmulgee Brdcastg. Corp.
KHBG		250	a	Clovis, New Mexico, Western Broadcasters, Inc.
KICA		100	a	Garden City, Kans., Garden City Brdcastg. Co.
KIUL		100	a	San Antonio, Tex., The Wolmac Co.
KMAC		250	a	

BROADCASTING STATIONS BY FREQUENCIES

KOCA	....	250	a	Kilgore, Tex., Oil Capital Brcdstg. 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	....	100	Ca	Sacramento, Calif., Royal Miller.
KVSO	....	100(25)	Ma	Ardmore, Okla., Ardmoreite Pub. Co., Inc.
KWAT	....	250	a	Watertown, S. Dak., Midland National Lite Ins. Co.
KWIL	....	250	a	Albany, Ore., Central Willamette Brcdstg. Co.
KWJB	E	250	a	Globe, Ariz., Sims Brcdstg. Co.
KWLC	D	250	a	Decorah, Iowa, Luther College.
KWOS	P	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	E	250	a	Yuma, Ariz., Yuma Brcdstg. Co.
WAIN	....	250	a	Watertown, N. Y., Watertown Brcdstg. Corp.
WBAX	....	100	Ma	Wilkes-Barre, Pa., John H. Stenger, Jr.
WBBL	G5	100	a	Richmond, Va., Grace Covenant Presb. Church.
WBIR	....	250	a	Knoxville, Tenn., J. W. Birdwell.
WBML	P	250	z	Macon, Ga., Middle Georgia Brcdstg. Co.
WBRB	4	100	a	Red Bank, N. J., Monmouth Brcdstg. Co.
WCOU	....	250	MYa	Lewiston, Maine, Twin City Brcdstg. Co., Inc.
WCOV	C	250	a	Montgomery, Ala., Capital Brcdstg. Co., Inc.
WCRW	G3	100	a	Chicago, Ill., Clinton R. White.
WEBQ	....	250	a	Harrisburg, Ill., Harrisburg Brcdstg. Co.
WEDC	G3	250	a	Chicago, Ill., Emil Denemark, Inc.
WFAS	4	250	a	White Plains, N. Y., Westchester Brcdstg. Corp.
WFOY	C	250	a	St. Augustine, Fla., Fountain of Youth Brcdstg. Co.
WFTM	....	250	a	Fort Myers, Fla., Ft. Myers Brcdstg. Co.
WGAC	....	250	a	Augusta, Ga., Twin States Brcdstg. Co.
WGBB	4	100	a	Freeport, N. Y., Harry H. Carman.
WGCM	....	250	z	Gulfport, Miss., WGCM, Inc.
WGGa	P	250	a	Gainesville, Ga., Gainesville Broadcasters.
WGRM	....	250	a	Greenwood, Miss., P. K. Ewing.
WHAL	....	250	MYa	Greenheld, Mass., John W. Haigis.
WHBU	....	250	a	Anderson, Ind., Anderson Brcdstg. Corp.
WHIZ	N	250	a	Zanesville, Ohio, Southern Ohio Broadcasters, Inc.
WIBU	E	250	a	Poynette, Wis., Wm. C. Forrest
WINN	....	100(25)	a	Louisville, Ky., Kentucky Brcdstg. Corp.
WJBY	E	250	a	Gadsden, Ala., Gadsden Brcdstg. Co., Inc.
WJET	....	250	a	Hagerstown, Md., Hagerstown Brcdstg. 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	....	250	BSa	Jamestown, N. Y., James Brcdstg. Co., Inc.
WJW	M	250	a	Akron, Ohio, WJW, Inc.
WKOK	....	250	a	Sunbury, Pa., Sunbury Brcdstg. Corp.
WLAG	P	250	z	La Grange, Ga., La Grange Brcdstg. Co.
WLOK	....	250	a	Lima, Ohio, Fort Industry Co.
WMFG	....	250	Ca	Hibbing, Minn., Head of the Lakes Brcdstg. Co.
WOCB	....	250	a	Hyannis, Mass., Cape Cod Brcdstg. Co.
WOMT	....	100	a	Manitowoc, Wis., Francis M. Kadow.
WPAX	....	250	a	Thomasville, Ga., H. Wimpy.
WPID	5	250	a	Petersburg, Va., Petersburg Newspaper Corp.
WRAL	M	250	z	Raleigh, N. C., Capitol Brcdstg. Co.
WSAY	....	250	MSa	Rochester, N. Y., Brown Radio Service.
WSBC	G3	250	a	Chicago, Ill., WSBC, Inc.
WSNI	....	250	a	Bridgeton, N. J., Eastern States Brcdstg. Corp.
WSOC	MN	250	a	Charlotte, N. C., Radio Station WSOC, Inc.
WTAX	....	100	z	Springfield, Ill., WTAX, Inc.
	....	250	z	Hollywood, Calif.
	....	250	z	Leon, Gto.
NERZ	P	250		
1250 kcs. (239.9 m.)				
CMHO	....	250	z	Santa Clara, Cuba.
CMKC	....	250	z	Santiago de Cuba, Pinol Battlle y Co.
HIDK	....	500	a	Medellin, Colombia, "La V. de Antioquia."
KFKU	a	1000(5)	a	Lawrence, Kans., University of Kansas.
KPAC	....	500	a	Port Arthur, Tex., Port Arthur College.
KTMS	BE	1000	a	Santa Barbara, Calif., News-Press Pub. Co.
KTW	2	1000	a	Seattle, Wash., First Presb. Church.
KWSC	2	5000	a	Pullman, Wash., State College of Wash.
WCAD	D	500	a	Canton, N. Y., St. Lawrence Universtiy.
WCAE	M	5000	a	Pittsburgh, Pa., WCAE, Inc.
WDAE	C	5000	a	Tampa, Fla., Tampa Times Co.
WREN	Ba	1000(5)	a	Lawrence, Kans., WREN Brcdstg. Co.
WTMA	N	1000	a	Charleston, S. C., Atlantic Coast Brcdstg. Co.
XEAT	....	600	a	Parral, Chih., Box 90.
XEDK	....	500	z	Guadalajara, Jal., Salvador Vasquez T.
XEH	....	500	a	Monterrey, N. L., Mexico, Radio Tarneva.
XETF	....	500	a	Veracruz Ver. C., Jose Rodriguez Lopez.
YVIRK	....	350	a	Maracaibo, Venezuela, Jose A. Higuera.

BROADCASTING STATIONS BY FREQUENCIES

1260 kcs. (238 m.)

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

1270 kcs. (236.1 m.)

CJCB	F	1000	a	Sydney, N. S., Eastern Broadcasters, Ltd.
CMJM	O	1000	a	Ciego de Avila, Cuba, RHC-Cadena Azul.
HJAT	1275	.....	z	Barranquilla, Col., "Radio Barranquilla."
HJBC	.....	440	z	Cucuta, Colombia, "La Voz de Cucuta."
KFJZ	.....	5000	MTa	Fort Worth, Tex., Tarrant Brdcastg. Co.
KGCU	.....	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	.....	500	DMa	Springfield, Mass., WSPR, Inc.
WXYZ	B	5000	a	Detroit, Mich., King-Trendle Brdcastg. Corp.
XEAF	.....	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.
XELQ	.....	100	z	Morelia, Micho.
XEME	.....	500	a	Merida, Yuc., Perfecto Villamil Cisero.
XERT	.....	500	z	Tijuana, B. Cfa.
YV3RA	.....	1500	z	Barquisimeto, Venezulea. "Radio America."

1280 kcs. (234.2 m.)

CMHA	.....	250	z	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	N	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	2500	a	Aurora, Ill., Martin R. O'Brien.
WNEW	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	z	Chihuahua, Chih.
XEF	.....	100	a	Durango, Dgo., Alejandro Stevenson, Jr.
XETK	.....	100	a	Zacatecas, Zac.
XEOX	.....	250	a	Los Mochis, Sin.
XERI	.....	250	z	Colima, Col., J. Roberto Levy.
XFX	.....	500	a	Monterrey, N. L., El Heraldo del Comercio
XEXI	.....	100	z	Tuxtla Gutierrez, Chis.

1290 kcs. (232.4 m.)

CMCH	2	250	a	Havana, Cuba, Radio Popular.
CMCX	.....	250	z	Havana, Cuba, "La Onda Popular"
CMKD	.....	1000	a	Santiago de Cuba, Radioemisora Oriental.
HJCK	.....	250	z	Bogota, Colombia, "Ecos del Tequendoma.
KGVO	C	1000	a	Méssoula, Mont., Moshv's, Inc.
KHSL	M	1000	a	Chico, Calif., Golden Empire Brdcastg. Co.
KOIL	EMC	5000	a	Omaha, Nebr., Central States Brdcastg. Co.
KRGV	.....	1000	MNYa	Weslaco, Tex., KRGV, Inc.
KUOA	D	5000	a	Siloam Springs, Ark., KUOA, Inc.
KVOA	EN	5000	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.
WHLD	D	1000	a	Niagara Falls, N. Y., Niagara Falls Gazette Pub. Co.
WFNE	C	5000	z	Keene, N. H., WKNE, Inc.
WNRF	PC	5000	a	Binghamton, N. Y., W. B. Jones Adv. Agency.

BROADCASTING STATIONS BY FREQUENCIES

WTOC C 5000
 XEAP 100
 XEDA 1000

a Savannah, Ga., Savannah Brdcastg. Co.
 z Obergon, Son., Emilio Manzanilla.
 z Mexico City, D. F., Pedro Riestra Diaz.

1300 kcs. (230.6 m.)

CMAN O 1000
 CMIF 250
 HJEC 500
 KGLO C 1000
 KOL 1000(5)
 KVOR C 1000
 WASH a 500
 WFBR M 500.0(5)
 WIDX R 1000(5)
 WOOD a 500
 WWNY DP 500
 XEGF 100
 XEP 500
 XES 5000
 YVIRA 100

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

1310 kcs. (228.9 m.)

CKCO F 1000
 CMGN O 1000
 HJAK 500
 KBBB C 5000
 KLS 1000
 TGI 500
 WCAM 2 500
 WCAP 2 500
 WDOD C 5000
 WIBA N 5000
 WISH 1000(5)
 WORC C 1000
 WRR M 500.0
 WTNJ 2 500
 XEAD 250
 XEC 250
 XEHB 1000
 XEMG 250

a Ottawa, Ont., Dr. G. M. Geldert.
 z Jovellanos, Cuba, RHC-Cadena Azul.
 z Barranquilla, Col., "La V. del la Patria."
 a Great Falls, Mont., Buttrey Broadcast. Inc.
 d Oakland, Calif., Warner Bros.
 d Guatemala City, Guat., "Radio Morse."
 a Camden, N. J., City of Camden.
 a Asbury Park, N. J., Radio Industries Broadcast Co.
 e Chattanooga, Tenn., WDOD Brdcastg. Corp.
 c Madison, Wis., Badger Brdcastg. Co., Inc.
 z Indianapolis, Ind., Captiol Brdcastg. Corp.
 a Worcester, Mass., Alf. Frank Kleindienst.
 a Dallas, Tex., City of Dallas.
 a Trenton, N. J., WOAX, Inc.
 z Guadalajara, Jal.
 z Tijuana, B. Cfa., Luis F. Encisco.
 z Veracruz, Ver. C.
 z Durango, N. L.

1320 kcs. (227.1 m.)

CMHP 250
 CMKE 250
 HJDO 1800
 KDYL R 5000
 KLCN D 1000
 KTRH 5000
 WATR X 250
 WERC N 5000
 WTAS C 5000
 WTHP 250
 WNRZ D 100
 WNEF 5000
 XEAF 500
 XESY 200

z Placetas, Cuba, Guevara y Gonzalez.
 a Manzanillo, Cuba.
 z Medellin, Colombia, "Emisora Cloridad."
 z Salt Lake City, Utah, Intermountain Brdcastg. Corp.
 a Blytheville, Ark., Fred O. Grimwood.
 Ca Houston, Tex., KTRH Brdcastg. Co.
 DMa Waterbury, Conn., WATR Co., Inc.
 a Duluth, Minn., Head of the Lakes Brdcastg. Co.
 a Pittsburgh, Pa., Pittsburgh Radio Supply House.
 a Jacksonville, Fla., The Metropolis Co.
 a Saranac Lake, N. Y., Up-State Brdcastg. Corp.
 a San Juan, P. R., Juan Piza.
 z Mexico City, D. F., Carmen Gutierrez.
 z Cananen, Son.

1330 kcs. (225.4 m.)

CMBG 2 1500
 CMBS 2 250
 HJAA 250
 KALE M 5000
 KPAC 1000
 KFH C 5000
 WBBR 2 1000
 WEVD 2X 1000
 WERC N 5000
 WFBN PD 1000
 WTAZ 2 1000
 WHBL X 250(1)
 WLOL M 1000
 XERO 600
 XECP 150
 XEKS 100

z Havana, Cuba, John L. Stowers.
 a Havana, Cuba, Enrique Artalejo.
 z Barranquilla, Col., "Ecos de la Costa."
 a Portland, Ore., KALE, Inc.
 a Los Angeles, Calif., Los Angeles Brdcastg. Co., Inc.
 a Wichita, Kans., Radio Station KFH Co.
 a Brooklyn, N. Y., Watch Tower Bible & Tract Society, Inc.
 a New York, N. Y., Debs Memorial Radio Fund, Inc.
 a Greenville, S. C., Greenville News-Piedmont Co.
 z Findlay, Ohio, Findlay Brdcastg. Co.
 a Troy, N. Y., Rensselaer Polytechnic Institute.
 g Sheboygan, Wis., Press Pub. Co.
 a Minneapolis, Minn., Independent Merchants Brdcastg. Co.
 z Irapuato, Gto., Alfonso Martinez.
 z Los Moches, Sin., Francisco Perez H.
 z Saltillo, Coah.

BROADCASTING STATIONS BY FREQUENCIES

1340 kcs. (223.7 m.)

CFGP	....	250		a Grande Prairie, Alta., Northern Brdcastg. Corp.
CHCK	....	50		a Charlottetown, P. E. I., CHCK Radio Brdcastg. Co.
CHWK	F	250		a Chilliwack, B. C., Chilliwack Brdcastg. Co., Ltd.
CJLS	F	100		a Yarmouth, N. S., Laurie L. Smith.
CKCV	F	100		a Quebec, P. Q., CKCV, Ltd.
CMCJ	....	250		z Camaguey, Cuba, Calle Cisneros y General Gomez.
KAND	X	100		z Corsicana, Tex., Navarro Brdcastg. Assn.
HJEF	....	500		z Cali, Colombia, "La V. de Higueronia."
KBND	....	250		z Bend, Ore., The Bend Bulletin.
KCKN	E	250		a Kansas City, Kans., KCKN Brdcastg. Co.
KCRJ	E	250		a Jerome, Ariz., Central Arizona Brdcastg. Co.
KFPL	....	100(.25)	f	a Dublin, Tex., C. C. Baxter.
KFYO	M	250		a Lubbock, Tex., Plains Radio Brdcastg. Co.
KGEZ	XZ	250		a Kalispell, Mont., Donald C. Treloar.
KGFV	....	250		a Kearney, Nebr., Central Nebraska Brdcastg. Corp.
KHMO	P	250		a Hannibal, Mo., Courier-Post Pub. Co.
KHUB	....	250		a Watsonville, Calif., John P. Scripps.
KMYR	....	250		a Denver, Colo., F. W. Meyer.
KOCY	....	250		z Oklahoma City, Okla., Plaza Court Brdcastg. Co.
KOME	EM	250		z Tulsa, Okla., Oil Capital Sales Corp.
KPDN	....	100		a Pampa, Tex., R. C. Hoiles.
KRBA	D	250		a Lufkin, Tex., Red Lands Brdcastg. Assn.
KRJE	P	250		z Miles City, Mont., Star Printing Co.
KRMD	....	250		a Shreveport, La., KRMD, Inc.
KROC	EN	250		z Rochester, Minn., Southern Minn. Brdcastg. Co.
KROS	P	250		a Clinton, Iowa, Clinton Brdcastg. Corp.
KSUB	....	100		a Cedar City, Utah, Southern Utah Brdcastg. Co.
KULN	....	250		a Grants Pass, Ore., Southern Oregon Brdcastg. Co.
KVIC	....	250		a Victoria, Tex., Radio Enterprises, Inc.
KVOL	....	250		a Lafayette, La., Evangeline Brdcastg. Co., Inc.
KVOX	E	250		a Moorhead, Minn., KVOX Brdcastg. Co., Inc.
KVSF	C	100		a Santa Fe, N. Mex., N. Mex. Brdcastg. Co.
KWFC	....	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.
KNRO	M	250		a Aherdeen, Wash., KXRO, Inc.
WAIR	DM	250		a Winston-Salem, N. C., Radio Station WAIR.
WAML	....	250		a Laurel, Miss., New Laurel Radio Station, Inc.
WBRE	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.
WCMI	M	250		a Ashland, Ky., Ashland Brdcastg. Co.
WDAK	....	250		a West Point, Ga., Valley Brdcastg. Co.
WDMJ	....	250		a Marquette, Mich., Lake Superior Brdcastg. Co.
WEBR	B	250		a Buffalo, N. Y., WEFR, Inc.
WEIM	P	250		z Fitchburg, Mass., Ruben E. Aronheim.
WEMP	....	250		a Milwaukee, Wis., Milwaukee Brdcastg. Co.
WEXL	X	50		a Royal Oak, Mich., Royal Oak Brdcastg. Co.
WFRG	R	250		a Altoona, Pa., Gable Brdcastg. Co.
WFHR	....	250		a Wisconsin Rapids, Wis., Wm. F. Huffman.
WFJG	....	100(.25)		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	K	250		a Newport News, Va., Hampton Roads Brdcastg. Corp.
WGTM	....	250		a Wilson, N. C., WGTM, Inc.
WHAT	2	100		a Philadelphia, Pa., Independent Brdcastg. Co., Inc.
WINX	....	250		a Washington, D. C., Lawrence J. Heller.
WIZE	....	250		a Springfield, Ohio, Radio Voice of Springfield, Inc.
WIMA	P	250		a Covington, Va., Arrington & Arrington.
WIPF	....	250		a Herrin, Ill., Orville W. Iverla.
WIPR	....	250		a Greenville, Miss., John R. Pepper.
WLAK	N	250		z Lakeland, Fla., Lake Region Brdcastg. Co.
WLAV	....	250		a Grand Rapids, Mich., Leonard A. Verslius.
WLRC	....	250		a Muncie, Ind., Donald A. Burton.
WLBT	....	250		a Bowling Green, Ky., Bowling Green Brdcastg. Co.,
WLNH	....	250		MYa Laconia, N. H., Northern Brdcastg. Co.
WMRO	....	250	Sa	a Auburn, N. Y., WMRO, Inc.
WMFF	B	250		a Plattsburg, N. Y., Plattsburg Brdcastg. Corp.
WNBH	....	250	DMYa	a New Bedford, Mass., E. Anthony & Sons, Inc.
WPER	....	250		z De Land, Fla., Tropical Brdcastg. Co.
WRAW	....	250	NQa	a Reading, Pa., Reading Brdcastg. Co.
WSAI	G	100		a Grove City, Pa., Grove City College.
WSAV	N	250		a Savannah, Ga., WSAV, Inc.
WSGN	XZ	250	REMa	a Birmingham, Ala., Birmingham News Co.
WSOY	....	250		a Decatur, Ill., Commodore Brdcastg., Inc.
WSTV	....	250		a Steubenville, Ohio, Valley Brdcastg. Co.
WTAL	....	100(.25)		a Tallahassee, Fla., Florida Capitol Brdcastg., Inc.

BROADCASTING STATIONS BY FREQUENCIES

WTEL	2	100
WTRC		250
WWFG	....	250
XEAA	....	250
XEBK	....	100
XECW	....	250
XEDH	....	250
XEFC	....	250
XEFZ	....	250
XEJK	....	100
XEMA	....	100
XEXS	....	100
	....	100
	P	250

a	Philadelphia, Pa., Foulkrod Radio Eng. Co.
a	Elkhart, Ind., Truth Pub. Co., Inc.
z	Lakeworth, Fla., Lakeworth Brdstg. Corp.
z	Mexicali, B. Cla., Alberto Gonzalez.
a	Nuevo Laredo, Tam., Guajardo y Cortes.
z	Cordoba, Ver. C., Voz del Sudeste de Mexico.
z	Villa Acuna, Coah., Vincente Hernandez.
a	Merida, Yuc., Julio Molina Font.
z	Coatzacoalcos, Ver. C., Pedro E. Roher.
z	Chihuahua, Chih., Manuel Armandariz.
z	Fresnillo, Zac., Jose Ma. Acevedo Moya.
z	Toluca, Mex., Instituto Cientifica y Literario
z	Tepatitlan, Jal.
z	Fresno, Calif.

1350 kcs. (222.1 m.)

CMHJ	....	250
CMKY	....	100
HIZ	....	200
HJDC	....	250
HJFF	....	250
HJHA	....	250
KGHF	B	500
KID	....	500(5)
KRNT	C	5000
KSRO	....	1000
WADC	C	5000
WORK	....	1000
WSMB	R	5000
XEQK	....	1000
XETB	....	500
XETM	....	1000
YV4RA	....	830

a	Cienfuegos, Cuba, Romualdo Ugalde.	
z	Puerto Padre, Cuba.	
z	Trujillo, D. R.	
z	Medellin, Col., "Ecos de la Montana."	
z	Pereira, Colombia "Ondas de Otun."	
z	Pasto, Colombia, "Radio Narino."	
a	Pueblo, Colo., Curtis P. Ritchie.	
a	Idaho Falls, Idaho, KID Brdstg. Co.	
a	Des Moines, Iowa, Iowa Brdstg. Co.	
a	Santa Rosa, Calif., Ernest L. Finley.	
a	Akron, Ohio, Allen T. Simmons.	
INQa	York, Pa., York Brdstg. Co.	
a	New Orleans, La., WSMB, Inc.	
z	Mexico City, D. F.	
a	Torreón, Coah., Aurelio G. Zaragoza.	
z	Naco, Son.	
b	Valencia, Venezuela, "La Voz de Carabobo."	

1370 kcs. (220.4 m.)

CMC	3	250
CMOA	3	250
KGB	M	1000
KMO	M	5000
KRIS	....	1000
KSCJ	N	5000
WDRG	C	5000
WKAT	....	1000
WSAI	MN	5000
WTAQ	C	5000
XEBI	....	250
XESA	....	500

a	Havana, Cuba, Valdez y Cia.	
a	Havana, Cuba, Juan Fernandez Duran.	
a	San Diego, Calif., Don Lee Brdstg. System.	
a	Tacoma, Wash., Carl E. Haymond.	
MTa	Corpus Christi, Tex., Gulf Coast Brdstg. Co.	
a	Sioux City, Iowa, Sioux City Journal.	
g	Hartford, Conn., WDRG, Inc.	
a	Miami Beach, Fla., A. Frank Katzentine.	
a	Cincinnati, Ohio, Crosley Corp.	
a	Green Bay, Wis., WHBY, Inc.	
a	Aguascalientes, Ags., Pedro C. Rivas	
z	Culiacan, Sin.	

1370 kcs. (218.8 m.)

CMAC	P	100
CMIH	....	250
HIAZ	....	500
KDTH	....	1000
KFRO	....	1000
KGIR	EN	5000
KGNO	....	250(1)
WCOA	N	500(1)
WFEA	....	5000
WPAB	....	1000
WSPD	R	5000
XEA	....	250
XEHF	....	1000
XEHL	....	500
XEMR	....	500
XETO	....	250
YV1RW	....	1000

z	Guanajay, Cuba.	
d	Ciego de Avila, Cuba, Luis Marauí H.	
z	Barranquilla, Colombia	
a	Dubuque, Iowa, Telegraph Herald Co.	
MTa	Longview, Tex., Voice of Longview.	
a	Butte, Mont., KGIR, Inc.	
c	Dodge City, Kans., Dodge City Brdstg. C	
a	Pensacola, Fla., Pensacola Brdstg. Co.	
DMNYa	Manchester, N. H., Adelaide B. Rines.	
a	Ponce, P. R., Portorican American Brdstg. Co. Inc	
a	Toledo, Ohio, The Fort Industry Co.	
z	Campeche, Cam.	
a	Nogales, Son.	
z	Guadalajara, Tal.	
z	Monterrey, N. T.	
z	Bogota, Colombia, "Radio Mondial."	
z	Coro, Venezuela, Radio Coro.	

1380 kcs. (217.3 m.)

CKPC	....	100
CMFK	....	250
HJCI	....	500
HJDR	....	250
KBWD	P	500
KIDO	....	1000(2.5)
KTSM	N	500(1)
KWK	BM	5000
WAWZ	2	1000(5)

a	Brantford, Ont., Telephone City Brdstg., Ltd.	
z	Cruces, Cuba, R. G. Gonzalez.	
z	Medellin, Col., "La V. de Comercio	
z	Manizales, Colombia, "Radio Manizales."	
z	Brownwood, Tex., Brown County Brdstg. Co.	
Na	Boise, Idaho, Boise Brdstg. Station.	
a	El Paso, Tex., Tri-State Brdstg. Co., Inc.	
a	St. Louis, Mo., Thomas Patrick, Inc.	
a	Zarephath, N. J., Pillar of Fire.	

BROADCASTING STATIONS BY FREQUENCIES

WBNX	2	5000
WMBG	PR	5000
WTSP	.....	500(1)
XELF	.....	250
XEMX	.....	500

1390 kcs. (215.7 m.)

CMBX	2	250
CMCB	2	250
CMKR	.....	250
HJFD	.....	450
KCRC	X	250
KGER	.....	1000
KLPM	.....	1000
KSLM	M	1000
WCSC	.....	500(1)
WFBL	C	5000
WGES	GX	5000
WSYB	.....	1000
WQBC	D	1000
WTJS	.....	1000
WEAZ	.....	250
XEM	.....	500
NETL	.....	250

a	New York, N. Y. WBNX Brdstg. Co., Inc.
a	Richmond, Va., Havens & Martin, Inc.
a	St. Petersburg, Fla., Pinellas Brdstg. Co.
a	Nuevo Laredo, Tam.
z	Mexico City, D. F.

a	Havana, Cuba, Alberto Alvarez.
a	Havana, Cuba, La Metropolitana.
z	Santiago de Cuba, Jaime Nadal.
z	Rutland, Vt., P. Weiss Music Co.
EMa	Enid, Okla., Enid Radiophone Co.
a	Long Beach, Calif., Consolidated Brdstg. Corp.
a	Minot, N. Dak., John B. Cooley.
a	Salem, Ore., Oregon Radio, Inc.
Ca	Charleston, S. C., S. C. Brdstg. Co., Inc.
a	Syracuse, N. Y., Onondaga Radio Brdstg. Corp.
a	Chicago, Ill., Oak Leaves Brdstg. Station, Inc.
MYa	Vicksburg, Miss., Delta Brdstg. Co., Inc.
a	Jackson, Tenn., Sun Pub. Co., Inc.
a	Reynosa, Tam., Carlos V. Rodriguez.
z	Chihuahua, Chih.
z	Tuxpan, Ver. Cruz.

1400 kcs. (214.2 m.)

CFAR	.....	100
CFOS	.....	250
CHRC	.....	100
CJOC	F	250
CKCW	F	100
CKRN	.....	250
CMJW	.....	250
HJAR	.....	250
KELD	.....	250
KENO	.....	250
KFGO	D	100
KFPW	.....	250
KFRU	.....	250
KFVS	.....	250
KGFL	.....	100
KGFL	.....	250
KICA	.....	100
KIUN	.....	100
KIUP	.....	250
KLUF	.....	250
KOBH	.....	250
KOKO	.....	100
KONO	.....	250
KORN	.....	250
KRE	.....	250
KRKO	3	100(.25)
KRLC	.....	250
KRMC	.....	250
KTEM	.....	250
KTNM	.....	250
KTOK	EMN	250
KTSW	M	250
KTTS	P	250
KTUC	CE	250
KVFD	G	250
KVGB	.....	250
KVRS	.....	250
KWLK	.....	250
KVYO	.....	250
KVAN	P	250
WARY	.....	250
WAGF	D	250
WARM	P	250
WATL	M	250
WATW	.....	100
WBIK	N	250
WBNY	2	250
WBTH	.....	250
WBTM	P	250
WCRI	.....	250
WCBM	R	250
WCNC	.....	250
WCOS	.....	250

a	Flin Flon, Man., Arctic Radio Corp.
a	Owen Sound, Ont., Owen Sound Sun-Times.
a	Quebec, P. Q., CHRC, Ltd.
a	Lethridge, Alta., H. R. Carson, Ltd.
a	Moncton, N. B., Moncton Brdstg. Co., Ltd.
a	Rouyn, P. Q., La Cie de Radiodiffusion.
z	Camaguey, Cuba.
z	Cartagena, Colombia, "Radio Cartagena."
a	El Dorado, Ark., Radio Enterprises, Inc.
a	La Vegas, Nev., Nevada Brdstg. Co.
a	Boone, Iowa, Boone Biblical College.
a	Fort Smith, Ark., Southwestern Hotel Co.
a	Columbia, Mo., KFRU, Inc.
a	Cape Girardeau, Mo., Hirsch Battery & Radio Co.
a	Roswell, N. Mex., KGFL, Inc.
MTa	San Angelo, Tex., KGKL, Inc.
a	Clovis, N. Mex., Western Broadcasters, Inc.
a	Pecos, Tex., J. Hawkins & B. H. Tubbs.
a	Durango, Colo., San Juan Brdstg. Co.
MTa	Galveston, Tex., KLUF Brdstg. Co., Inc.
a	Rapid City, S. Dak., Black Hills Brdstg. Co.
a	La Junta, Colo., Southwest Brdstg. Co.
a	San Antonio, Tex., Mission Brdstg. Co.
a	Fremont, Nebr., Nebraska Brdstg. Corp.
a	Berkeley Calif., Central Calif. Broadcasters, Inc.
a	Everett, Wash., Everett Brdstg. Co., Inc.
a	Lewiston, Idaho, H. E. Studebaker.
MTa	Jamestown, N. Dak., Jamestown Brdstg. Co., Inc.
a	Temple, Tex., Bell Brdstg. Co.
z	Tuncumcari, N. Mex.
a	Oklahoma City, Okla., Oklahoma Brdstg. Co., Inc.
a	Emporia, Kans., Emporia Brdstg. Co., Inc.
z	Springfield, Mo.
a	Tucson, Ariz., Tucson Brdstg. Co., Inc.
a	Fort Dodge, Iowa, Northwest Brdstg. Co.
a	Great Bend, Kans., Helen Townsley, Co.
a	Rock Springs, Wyo., Wyoming Brdstg. Co.
a	Longview, Wash., Twin City Brdstg. Corp.
a	Sheridan, Wyo., Big Horn Brdstg. Co., Inc.
a	Cheyenne, Wyo., Western Brdstg. Co. of Wyo.
BMSa	Albany, N. Y., Adirondack Brdstg. Co., Inc.
a	Dothan, Ala., Dothan Brdstg. Co.
a	Scranton, Pa., Union Brdstg. Co.
a	Atlanta, Ga., Atlanta Brdstg. Co.
a	Ashland, Wis., WJMS, Inc.
a	Clarksburg, W. Va., Charleston Brdstg. Co.
a	Buffalo, N. Y., Roy L. Alberson.
z	Williamson, W. Va., Williamson Brdstg. Corp.
a	Danville, Va., Piedmont Brdstg. Corp.
a	Columbus, Miss., Birney Imes.
0a	Baltimore Md., Baltimore Brdstg. Corp.
z	Elizabeth City, N. C., Albermarle Brdstg. Corp.
z	Columbia, S. C., Carolina Adv. Corp.

BROADCASTING STATIONS BY FREQUENCIES

WDAS	....	250	a	Philadelphia, Pa., WDAS, Brdstg. Station, Inc.
WDEF	....	250	a	Chattanooga, Tenn., Joe W. Engel.
WDWS	....	250	a	Champaign, Ill., Champaign News-Gazette, Inc.
WELL	B	250	a	Battle Creek, Mich., Federated Publications, Inc.
WEOA	C	250	a	Evansville, Ind., Evansville, on the Air, Inc.
WEST	....	250	MQa	Easton, Pa., Associated Broadcasters, Inc.
WFOR	....	250	a	Hafieburg, Miss., Forrest Brdstg. Co., Inc.
WFTL	..	250	a	Fort Lauderdale, Fla., Tom M. Byran.
WGBR	....	250	a	Goldsboro, N. C., Eastern Carolina Brdstg. Co.
WGIL	....	250	a	Galesburg, Ill., Galesburg Brdstg. Co.
WGRC	M	250	a	New Albany, Ind., North Side Brdstg. Corp.
WHBO	....	250	a	Memphis, Tenn., WHBO, Inc.
WHDF	....	250	a	Calumet, Mich., Upper Mich. Brdstg. Co.
WHKY	....	250	a	Hickory, N. C., Catawba Valley Brdstg. Co., Inc.
WHLB	C	250	a	Virginia, Minn., Head of the Lakes Brdstg. Co.
WHUB	..	250	a	Cookeville, Tenn., WHUB, Inc.
WHYN	....	250	a	Holyoke, Mass., Hampden-Hampshire Corp.
WINC	N	250	a	Winchester, Va., Richard Field Lewis.
WTAC	....	250	RQa	Johnstown, Pa., WJAC, Inc.
WJHO	....	100(.25)	a	Opelika, Ala., Opelika-Auburn Brdstg. Co.
WJLB	....	250	a	Detroit, Mich., John L. Booth Brdstg., Inc.
WJZM	P	250	z	Clarksville, Tenn., Wm. D. Hudson.
WKMO	....	250	z	Kokomo, Ind. Kokomo Brdstg. Corp.
WKPT	N	250	a	Kingsport, Tenn., Kingsport Brdstg. Co., Inc.
WKWK	P	250	z	Wheeling, W. Va.
WLLH	Sx	10-100	Ya	Lawrence, Mass., Merrimac Brdstg. Co., Inc.
WLLH	S	250	DMYa	Lowell, Mass., Merrimac Brdstg. Co., Inc.
WMAN	....	250	a	Mansfield, Ohio, Richland, Inc.
WMBR	....	250	a	Jacksonville, Fla., Florida Brdstg. Co.
WMFD	C	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	E	250	a	Decatur, Ala., Tenn. Valley Brdstg. Co., Inc.
WORD	....	250	a	Spartanburg, S. C., Spartanburg Advertising Co.
WPAY	....	250	a	Portsmouth, Ohio, Veebee Corp.
WRAK	....	250	a	Williamsport, Pa., WRAK, Inc.
WRDO	....	100	MNYa	Augusta, Maine, WRDO, Inc.
WRJN	....	250	a	Racine, Wis., Racine Brdstg. Corp.
WRRN	CP	....	z	Warren, Ohio, Nied & Stevens
WSAU	....	250	z	Wausau, Wis., Northern Brdstg. Co., Inc.
WSLB	....	250	z	Ogdensburg, N. Y., St. Lawrence Brdstg. Corp.
WSRR	....	250	a	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	Torreon, Coah.
XEF	....	100	a	Inarez, Chih., Gilberto Gil.
XEI	....	250	a	Morelia, Micho., Carlos Gutierrez M.
XEJA	....	100	z	Ialapa, Ver. C.
XEKI	....	250	z	Acapulco, Gro.
XEMH	....	100	z	Merida, Yuc.
XEPF	....	200	z	Ensenada, B. Cfa.
XETX	....	100	z	Casas Grandes, Chih.
XEWE	....	100	z	Irapuato, Gto.
XEXM	....	250	z	Guadalajara, Jal.
XEXO	....	100	z	San Luis Potosi, S.L.P.
YVIRC	....	500	a	Maracaibo Venez., "La Voz de la Fe."
YV4RE	....	1000	a	Valencia, Venez., "Radio Valencia."
YV6RA	....	200	a	Bolivar, Venez., "Ecos del Orinoco."
	P	250	z	Bessemer, Ala.

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.
HIEI	....	100	z	Buga, Colombia
KERN	BE	1000	a	Bakersfield, Calif., McClatchy Brdstg. Co.
KOV	B	1000	a	Pittsburgh, Pa., KOV Brdstg. Co.
WALA	....	5000	a	Mobile, Ala., Pape Brdstg. Co.
WING	N	5000	a	Dayton, Ohio, Great Trails Brdstg. Corp.
WKBH	C	5000	a	La Crosse, Wis., WKBH, Inc.
WNBC	B	1000(5)	a	New Britain, Conn., State Brdstg. Corp.
XEBS	....	750	z	Mexico City, D. F.
XELC	....	250	z	Laredo, Tam.
XERY	....	500	z	Agua Prieta, Son.

1420 kcs. (211.1 m.)

CMBD	2	250	z	Havana, Cuba, Luiz Perez Marcia.
------	---	-----	---	----------------------------------

BROADCASTING STATIONS BY FREQUENCIES

CMCQ	2	5000
KABR	....	5000
KUJ	....	1000
WFCI	....	1000
WHK	BKM	5000
WOC	....	1000
WWSR	D	1000
NEDS	....	500
XEF	....	100
XEON	....	2000
XESJ	....	1000

1430 kcs. (209.7 m.)

CHEN	P	1000
CMKZ	....	250
HJEK	....	100
KARM	C	5000
KLO	BEM	5000
KTRN	P	1000
KTUL	C	5000
KWKW	PD	1000
WBYN	P	500(1)
WIRE	R	5000
XEAO	....	100
XENJ	....	500
XECZ	....	1000
XEOK	....	100
YV4RL	....	300



a	Havana, Cuba, Calle Vista Alegre.
a	Aberdeen, S. Dak., Aberdeen Brdctg. Co.
a	Walla Walla, Wash., KUJ, Inc.
a	Pawtucket, R. I., Pawtucket Brdctg. Co.
a	Cleveland, Ohio, United Brdctg. Co.
a	Davenport, Iowa, Tri-City Brctg. Co.
z	St. Albans, Vt., Vermont Radio Corp., Inc.
z	Mazatlan, Sin.
a	Juarez, Chih.
a	Tijuana, B. Cfa.
z	Saltillo, Coah.
z	Peterborough, Ontario.
z	Palma Soriano, Cuba, Joaquin Venero Obregon.
z	Tula, Colombia
a	Fresno, Calif., The George Harm Station
a	Ogden, Utah, Interstate Brdctg. Corp.
z	Tacomia, Wash., Michael J. Mingoe
z	Tulsa, Okla., Tulsa Brdctg. Co., Inc.
a	Pasadena, Calif., So. Calif. Brctg. Co.
a	Brooklyn, N. Y., Unified Brdctg. Corp.
a	Indianapolis, Ind., Indianapolis Brdctg., Inc.
z	Villa Acuna, Coah.
z	Navojoha, Son.
z	San Luis Potosi, S. L. P., Zeferino Z. Jiminez.
z	Progreso, Yuc., Arturo Pina Perez.
a	Maracay, Venez., "Radio Maracay".

1440 kcs. (208.2 m.)

CMGH	....	500
CMJI	....	250
HJFL	....	100
KFJM	....	500(1)
KGNC	M	1000(5)
KILO	P	500(1)
KMED	N	1000
KPRO	CP	1000
WAAB	....	1000
WBGM	....	500(1)
WHIS	....	500(1)
WROK	M	500(1)
WSFA	E	500(1)
XEFI	....	1000
XELZ	....	1000



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

1450 kcs. (206.8 m.)

....	P	250
CFLC	....	100
CHLN	....	100
CKCA	F	100(.25)
CMAB	....	250
CMHM	....	250
HTEG	....	500
HRN	....	500
KABC	....	250
KATE	E	250
KBPS	4	100
KCMC	....	250
KDNT	....	100
KEUB	EM	250
KFAM	EN	250
KFBC	....	250
KFIZ	....	250
KFMB	....	250
KFUN	P	250
KGFF	EM	250
KGIW	3	100
KGLU	EN	250
KIDW	3	100
KLBM	....	250
KMYC	....	100
KNFT	D	100
KORE	M	250
KRBC	....	250
KRBM	EN	250



a	Peterborough, Ont.
a	Prescott, Ont., Radio Ass'n of Prescott.
a	Three Rivers, P.Q., Three Rivers le Nouvelliste.
a	Kenora, Ont., Kenora Brdctg. Co., Ltd.
z	Pinar del Rio, Cuba, Hotel Ricardo.
z	Cienfuegos, Cuba.
z	Popoyan, Colombia, "La V. del Alcazar."
b	Tegucigalpa, Honduras, "La Voz de Honduras".
MTa	San Antonio, Tex., Alamo Brdctg. Co., Inc.
a	Albert Lea, Minn., Albert Lea Austin Brd. Co. Inc.
a	Portland, Ore., Benson Polytechnic School.
MTa	Texarkana, Tex., KCMC, Inc.
a	Denton, Tex., Harwell V. Shepard.
a	Price, Utah, Eastern Utah Brdctg. Co.
a	St. Cloud, Minn., The Times Pub. Co.
a	Cheyenne, Wyo., Frontier Brdctg. Co.
Ea	Fond du Lac, Wis., Reporter Printing Co.
z	San Diego, Calif., Worcester Brdctg. Corp.
z	Las Vegas, Nev.
a	Shawnee, Okla., KGFF Brdctg. Co., Inc.
a	Alamosa, Colo., E. L. Allen.
a	Safford, Ariz., Gila Brdctg. Co.
a	Lamar, Colo., Lamar Brdctg. Co.
a	La Grande, Ore., Harold M. Finley.
a	Marysville, Calif., Marysville-Yuba City Brdctrs, Inc.
a	Palestine, Tex., Palestine Brdctg. Corp.
a	Engene, Ore., Eugene Broadcast Station.
MTa	Abilene, Tex., Renorter Brdctg. Co.
a	Bozeman, Mont., KRBM Broadcasters.

BROADCASTING STATIONS BY FREQUENCIES

KRIC	....	250	z	Sioux City, Iowa, Sioux City Brdcastg. Co.
KSAN	....	250	z	Atchison, Kans., Carl Latenser.
KTRI	....	250	f	Wallace, Idaho, Silver Brdcastg. Co.
KWBBK	....	100	a	Hutchinson, Kans., Nations Center Brdcast. Co., Inc.
IGQ	....	200	a	Quezaltenango Guatemala, Director of Elec. Comm.
WACO	....	250	MTb	Waco, Tex., Frontier Brdcastg. Co., Inc.
WAGM	G	100	a	Presque Isle, Maine, Aroostook Brdcastg. Corp.
WAOV	....	100	a	Vincennes, Ind., Vincennes News Papers, Inc.
WASK	P	250	z	Lafayette, Ind., WFAM, Inc.
WAZL	....	250	MQa	Hazelton, Pa., Hazelton Brdcastg. Service, Inc.
WCBS	N	250	a	Springfield, Ill., WCBS, Inc.
WCHV	....	250	a	Charlottesville, Va., Community Brdcastg. Corp.
WCBS	R	250	z	Greenwood, S. C., Greenco, Inc.
WEED	....	250	a	Rocky Mount, N. C., Wm. Avera Wynne.
WFMI	....	250	a	Youngstown, Ohio, Wm. F. Maag, Jr.
WFNC	P	250	a	Fayetteville, N. C., Cumberland Brdcastg. Co.
WFPG	....	250	a	Atlantic City, N. J., Neptune Brdcastg. Corp.
WGL	N	250	a	Fort Wayne, Ind., Westinghouse Radio Stations, Inc.
WGNC	....	250	z	Gastonia, N. C., WGNC, Inc.
WGOV	....	250	a	Valdosta, Ga., Governor E. D. Rivers.
WGPC	C	250	a	Albany, Ga., Albany Brdcastg. Co., Inc.
WHDL	....	250	a	Olean, N. Y., WHDL, Inc.
WHFC	....	250	z	Cicero, Ill., WHFC, Inc.
WHLN	P	250	z	Harlan, Ky., Blanford 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	....	250	la	Wilmington, Del., Delaware Brdcastg. Co.
WIMS	....	250	a	Ironwood, Mich., WIMS, Inc.
WIPA	P	250	z	Washington, Pa., Washington Brdcastg. Co.
WKEU	....	100	a	Griffin, Ga., Station WKEU.
WKIP	....	250	z	Poughkeepsie, N. Y., Poughkeepsie Brdcastg. Corp.
WLAN	P	250	z	Endicott, N. Y., Tohmas J. Watson.
WLAP	M	250	z	Lexington, Ky., American Brdcastg. Corp.
WLEU	....	250	BQa	Erie, Pa., WLEU Brdcastg. Corp.
WLPM	....	250	a	Suffolk, Va., Suffolk Brdcastg. Corp.
WMAS	C	250	a	Springfield, Mass., WMAS, Inc.
WMBH	....	250	a	Joplin, Mo., Joplin Brdcastg. Co.
WMFT	N	250	a	Daytona Beach, Fla., W. Wright Esch.
WMSD	....	250	z	Muscle Shoals, City, Ala., Muscle Shoals Brd. Corp.
WMVA	....	100(25)	a	Martinsville, Va., Martinsville Brdcastg. Co.
WNAB	....	250	z	Bridgeport, Conn., Harold Thomas
WNOE	....	250	a	New Orleans, La., WNOE, Inc.
WPAF	....	250	a	Paducah, Ky., Paducah Brdcastg. Co.
WPAR	C	250	a	Parkersburg, W. Va., Ohio Valley Brdcastg. Corp.
WRLC	....	250	z	Toccoa, Ga., R. G. Le Tourneau
WSLI	....	250	a	Jackson, Miss., Standard Life Brdcastg. Co.
WSPB	....	250	z	Sarasota, Fla., WSPB, Inc.
WWDC	P	250	z	Washington, D. C., Capital Brdcastg. Co.
XEBT	....	100	z	Victoria, Tam., Fernando Elizalde.
XEBO	....	250	z	Torreón, Coah., Maria Refugio Acosta.
XEDT	....	100	z	Magdalena, Son.
XEFK	....	100	z	Merida, Yuc., Manuel Zapata Espinosa.
XEGC	....	100	z	Zamora, Micho., Guillermo Calzada.
XFIX	....	250	z	Queretaro, Que.
XEPP	....	100	z	Orizaba, Ver.
XERK	....	100	z	Tenic, Nay.
XEXE	....	100	z	Texcoco, Mex.
XEXP	....	100	z	Matamoros, Tam.

1460 kcs. (205.4 m.)

CIGX	F	1000	a	Yorkton, Sask., Yorkton Brdcastg. Co., Ltd.
CMCG	....	250	a	Havana, Cuba, "La Onda", S.A.
CMKO	E	500	z	Santiago de Cuba, Cadena Azul.
HIRE	....	100	z	Cienega, Col., "Ondas del Magdalena."
KEVE	....	500	z	Everett, Wash., Cascade Brdcastg. Co., Inc.
KGNF	D	1000	a	North Platte, Neb., Great Plains Brdcastg. Co.
KINY	....	5000	a	Inunau, Alaska, Edwin A. Kraft.
KSO	X	1000(5)	BMa	Des Moines, Iowa, Iowa Brdcastg. Co.
WBNS	C	1000(5)	a	Columbus, Ohio, WBNS, Inc.
WHEC	C	500(1)	a	Rochester, N. Y., WHEC, Inc.
WHP	C	1000(5)	b	Harrisburg, Pa., WHP, Inc.
WMPS	....	500(1)	Ma	Memphis, Tenn., Memphis Brdcastg. Co.
WOKO	CK	500(1)	a	Albany, N. Y., WOKO, Inc.
XELH	....	100	z	Nuevo Laredo, Tam.
XETU	....	1000	z	Tampico, Tam.
XEWG	....	1000	z	Juarez, Chib.

1470 kcs. (204 m.)

CKGB	F	1000
CMGE	....	250
CMJO	....	250
H18Q	....	25
HJFE	....	250
KDFN	....	1000
KELA	X	1000
KXYZ	MZ	1000
WBIG	C	5000
WCBA	a	500
WMBD	C	1000(5)
WSAN	Xa	500
XEAU	....	5000
XESM	....	1000(5)
YV3RE	1475	1500
		1000

a	Timmins, Ont., R. H. Thomson, North Bay.
a	Cardenas, Cuba, Genaro Sebatier.
a	Ciego de Avila, Cuba, Bonifacio Ildefonso.
a	Trujillo, D. R., Julio A. Garcia.
z	Pereira, Colombia, "La V. de Pereira."
z	Casper, Wyo., Donald Lewis Hathaway.
a	Centralia, Wash., Central Brdcastg. Corp.
a	Houston, Tex., Harris County Brdcastg. Co.
BMTa	Greensboro, N. C., N. C. Brdcastg. Co., Inc.
a	Allentown, Pa., Lehigh Valley Brdcastg. Co.
a	Peoria, Ill., Peoria Brdcastg. Co.
NQa	Allentown, Pa., Lehigh Valley Brdcastg. Co.
z	Tijuana, B. Cfa.
z	Mexico City, D.F., Av. Claudio Bernard.
a	Barquisimeto, Venez., "Radio Barquisimeto"
z	Houston, Tex., San Jacinto Brdcastg. Co.

1480 kcs. (202.6 m.)

CHGS	F	50
CJVI	....	250
CMHX	....	500
HJDL	....	500
KCMO	....	1000(5)
KGCX	F	1000
KIEM	M	500(1)
KTBS	N	1000
WGAR	C	1000(5)
WHOM	....	500(1)
WRDW	CP	5000
WSAR	....	1000
NEXZ	....	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.
DMYf	Fall River, Mass., Doughty & Welch Elec. Co., Inc.
z	Tlaxcala, Tlax.

1490 kcs. (201.2 m.)

CFRC	F	100
CHLP	F	250
CHIC	F	250
CAH	P	100
CMCA	2	250
CMKF	....	250
CMOX	2	250
HJDV	....	250
KAWN	....	100(.25)
KBLX	EM	250
KBKR	....	250
KBST	....	100
KBUR	....	250
KDB	EM	250
KDRO	....	250
KEYS	....	250
KFFA	P	250
KEEW	....	100(.25)
KGKB	....	250
KGKY	....	250
KNEL	....	100(.25)
KNOW	....	250
KONB	....	250
ROTN	....	250
KOVC	....	250
KPAB	....	250
KPLC	....	250
KPLT	....	250
KRNK	PM	250
KSAM	D	250
KTBI	....	250
KTQH	....	250
KVOE	M	250
KVWC	....	250
KWEF	....	100
KXO	....	100
KVCA	E	100
WBAB	C	250
WBTA	P	250
WDAN	....	250
WDRC	p	250
WDNC	C	250
WERC	....	100(.25)
WGAL	....	250
WGKY	....	100

a	Kingston, Ont., Queens University.
a	Montreal, P.Q., La Patrie Pub. Co.
a	Sault Ste. Marie, Ont., Whitby & Hyland.
a	Medicine Hat, Alta.
z	Havana, Cuba, Tester y Gonzalez.
z	Holguin, Cuba, Manuel De Gongora.
z	Havana, Cuba, Perez y Chisholm.
z	Medellin, Colombia
z	Gallup, N. Mex., A. W. Mills.
a	Muskogee, Okla., Okla. Press Pub. Co.
a	Baker, Ore., Baker Brdcastg. Co.
MTa	Big Spring, Tex., Big Spring Herald Brdcastg. Co.
z	Burlington, Iowa, Burlington Brdcastg. Co.
z	Santa Barbara, Calif., Santa Barbara Brdcasts., Ltd.
z	Sedalia, Mo., Drolch Bros.
z	Corpus Christi, Tex., Nueces Brdcastg. Co.
z	Helena, Ark., Helena Brdcastg. Co.
a	Brownsville, Tex., Eagle Brdcastg. Co., Inc.
MTa	Tyler, Tex., East Texas Brdcastg. Co.
a	Scottsbluff, Nebr., Hilliard Co.
a	Brady, Tex., G. L. Burns.
MTa	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.
MTa	Paris, Tex., North Texas Brdcastg. Co.
a	Roseburg, Ore., News-Review Pub. Co.
z	Huntsville, Tex., Sam Houston Brdcastg. Assn.
z	Tacoma, Wash., Tacoma Broadcasters, Inc.
a	Lihue, Hawaii, Garden Island Pub. Co., Ltd.
a	Santa Ana, Calif., Voice of the Orange Empire, Inc.
MTa	Vernon, Tex., Northwestern Brdcastg. Co.
a	Hobbs, N. Mex., W. E. Whitmore.
Ma	El Centro, Calif., Valradio Co., Inc.
a	Prescott, Ariz., Southwest Brdcastg. Co.
z	Atlantic City, N. J., Press Union Pub. Co.
z	Batavia, N. Y., Batavia Brdcastg. Corp.
z	Danville, Ill., Northwestern Pub. Co.
z	Escanaba, Mich., Delta Brdcastg. Co.
a	Durham, N. C., Durham Radio Corp.
Ca	Erie, Pa., Presque Isle Brdcastg. Co.
IMNQa	Lancaster, Pa., WGAL, Inc.
Na	Charleston, W. Va., Kanawha Valley Brdcastg. Co.

BROADCASTING STATIONS BY FREQUENCIES

WGTC	....	250
WHBB	....	100
WIGM	P	250
WJBN	....	250
WKBB	N	250
WKBY	....	100
WKBY	....	250
WKNY	....	250
WKRO	....	250
WMIS	P	250
WMJM	....	100(.25)
WMOG	....	100(.25)
WMRC	....	250
WMRF	P	250
WMRN	....	250
WNLC	....	250
WOLF	....	250
WOMI	....	250
WOPI	....	250
WOSH	P	250
WRGA	....	250
WSLS	....	250
WSTP	M	250
WTMC	....	100
WTMW	....	250
WWSW	....	250
XECH	....	250
XEDR	....	100
XEGT	....	100
XEJR	....	100
XEOR	P	100
XETR	....	100
XEXF	....	100
XEXU	....	100
YV4RR	....	750
NELY	....	150

1500 kcs. (199.9 m.)

KSTP	MR	50000
WISV	C	50000
XERII	....	500

1510 kcs. (198.6 m.)

HJEM	....	100
KGA	....	10000
WLAC	X	5000
WMEX	....	5000

1520 kcs. (197.3 m.)

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

1530 kcs. (196 m.)

KFBK	BE	10000
WCKY	C	50000

1540 kcs. (194.7 m.)

ZMBH	....	5000
HJFI	....	500

1550 kcs. (193.4 m.)

CKTB	F	1000
	P	20000
XEBG	....	1000

1560 kcs. (112.2 m.)

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

1570 kcs. (191.0 m.)

CFPL	F	1000
SEAW	....	100000

a	Greenville, N. C., Greenville Brdstg. Co.
a	Selma, Ala., Selma Brdstg. Co., Inc.
a	Medford, Wis. Geo. F. Meyer.
z	Detroit, Mich., J. F. Hopkins, Inc.
a	Dubuque, Iowa, Sanders Bros.
a	Richmond, Ind., Knox Radio Corp.
a	Muskegon, Mich., Ashbacker Radio Corp.
a	Kingston, N. Y., Kingston Brdstg. Corp.
a	Cairo, Ill., Oscar C. Hirsch.
z	Natchez, Miss., Natchez Brdstg. Co.
a	Cordele, Ga., Cordele Dispatch Pub. Co., Inc.
a	Brunswick, Ga., Coastal Brdstg. Co.
a	Greenville, S. C., Textile Brdstg. Co.
z	Lewistown, Pa., Lewistown Brdstg. Co.
z	Marion, Ohio, Marion Brdstg. Co.
MYa	New London, Conn., Thames Brdstg. Corp.
a	Syracuse, N. Y., Civic Brdstg. Corp.
a	Owensboro, Ky., Owensboro Brdstg. Co.
a	Bristol, Tenn., Radiophone Station WOPI.
z	Oshkosh, Wis., Howard H. Wilson
a	Rome, Ga., Rome Brdstg. Corp.
a	Roanoke, Va., Roanoke Brdstg. Corp.
a	Salisbury, N. C., Piedmont Brdstg. Corp.
a	Ocala, Fla., Ocala Brdstg. Co., Inc.
Qa	East St. Louis, Ill., Miss. Valley Brdstg. Co., Inc
a	Pittsburgh, Pa., Walker & Downing Radio Corp
z	Toluca, Mex.
z	Guaymas, Son., Modeste Ortega.
z	Guadalajara, Jal.
z	Parral, Chih
z	Comes Palacio, Dgo.
z	Madero, Tam.
z	Veracruz, Ver. C.
z	Saltillo, Coah.
z	Puerto Cabello, Venez., "Radio Pto. Cabello".
z	Aguascaliente, Ags., Mex.



a	St. Paul, Minn., KSTP, Inc.
a	Washington, D. C., CBS, Inc.
z	Mexico City, D. F.



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



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



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



e	Havana, Cuba, Alberto Alvarez
z	Armenia, Colombia, "Pregonos del Quindio"



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



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



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

BROADCASTING STATIONS BY FREQUENCIES

1580 kcs. (189.8 m.)

CMCJ	2	250
CMCR	2	250
CMJQ	....	250

a	Havana, Cuba, Radio Emisora Comercial
z	Havana, Cuba, Av. de Menocal 115
z	Nuevitas, Cuba

1590 kcs. (188.6 m.)

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

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

1600 kcs. (187.4 m.)

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

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

ANSWERS

a language sounding like Portuguese and a musical program on the Oriental side. Is this CR6RC? . . . "Another station on 9520 kcs. is heard from 5:45-5:15 a.m. carrying a program of Oriental music and talks. There were no English announcements. Is there an oriental station on or near this frequency besides ZBW-3?"

Ivor Sutherland, 30 Corte Madera Ave., Mill Valley, California would like to know why the station at Point Reyes—W2XN has a 2 instead of a 6! The station is heard every day on 2390 kcs.

Philippe A. Bates, 4101 Stanwood St., Holmesburg, Philadelphia, Pa. would like to know what station around 6070 kcs. announces as the Imperial Broadcasting System?

For Albert Koppe: "KGIW has returned to the air"—Llyod E. Staples, E. Bridgewater, Mass.

For Arnold Worme: "Yes JLG-4 and JVZ do QSL! Or at least they did as late as Dec. 4, 1940. They send, in addition the program booklets mentioned, Japanese post cards, detailed blanks for future reports, and international reply coupon, and a verification card in monotone sepia color bearing Japanese scenes."

For George Perrin: "Information on Radio Martinique: Frequency of 9700 kcs., power 200 watts. They do verify with nice card in five colors. QRA is Radio Martinique, Boite Postale 136, Fort de France, Martinique, Antilles Francaise."—Walter J. Oliver, Room 230, Drake Hotel, Oil City, Pa.

For Llyod E. Staples: "XERA was seized by the Mexican Government. The Government accused XERA of being in the hands of Nazi Sympathizers and that code messages were being sent through the station without authorization of that government."—George Deligianis, 42 Perry St., San Francisco, Calif.

For Arnold Worme: "The Cuban you heard using the slogan 'Radio Suaritos' is COCM on 9850 kcs."—Jack Stephenson, Oklahoma City, Okla.

For Robert E. Earles: "W9NTD is Donnelley Radio Telephone Co., Donnelley and Sheridan Roads, Lake Bluff."—Jack Stephensen, Oklahoma City, Okla.

**TELL YOUR FRIENDS
ABOUT
THE NEW RADEX**

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

BROADCASTING STATIONS BY CALL LETTERS

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

BROADCASTING STATIONS BY CALL LETTERS

KLO	1430	KOIN	970	KRBA	1340	KSLM	1390	KUTA	570	KWKW	1430
KLPM	1390	KOKO	1400	KRBC	1450	KSO	1460	KVAK	1450	KWLC	1240
KLRA	1010	KOL	1300	KRBM	1450	KSOO	1140	KVAN	910	KWLK	1400
KLS	1310	KOMA	1520	KRE	1400	KSRO	1350	KVCV	1230	KWLM	1340
KLUF	1400	KOME	1340	KRGV	1290	KSTP	1500	KVEC	1230	KWNO	1230
KLX	910	KOMO	950	KRIC	1450	KSUB	1340	KVFD	1400	KWOC	1340
KLZ	560	KONB	1490	KRIS	1360	KSUN	1230	KVGB	1400	KWOS	1240
KMA	960	KONO	1400	KRJF	1340	KSWO	1150	KVI	570	KWRC	1240
KMAC	1240	KOOS	1230	KRKD	1150	KTAR	620	KVIC	1340	KWSC	1250
KMBC	980	KORE	1450	KRKO	1400	KTBC	1150	KVNU	1230	KWTO	560
KMED	1440	KORN	1400	KRLC	1400	KTBI	1490	KVOA	1290	KWYO	1400
KMJ	580	KOTN	1490	KRLD	1080	KTBS	1480	KVOD	630	KXA	770
KMLB	1230	KOVC	1490	KRLH	1230	KTEM	1400	KVOE	1490	KXL	1450
KMMJ	750	KOVO	1240	KRMC	1400	KTFI	1270	KVOL	1340	KXO	1490
KMO	1360	KOWH	660	KRMD	1340	KTHS	1090	KVOO	1170	KXOK	630
KMOX	1120	KOY	550	KRNR	1490	KTCC	940	KVOR	1300	KXOX	1240
KMPC	710	KPAB	1490	KRNT	1350	KTMS	1250	KVOS	1230	KXRO	1340
KMTR	570	KPAC	1250	KROC	1340	KTOH	1490	KVOX	1340	KXYZ	1470
KMYC	1450	KPAS	1110	KROD	600	KTOK	1400	KVRS	1400	KYA	1260
KMYR	1340	KPDN	1340	KROS	1340	KTPN	1430	KVSF	1340	KYAN	1400
KNEL	1490	KPFA	1240	KROW	960	KTRB	860	KVSO	1240	KYCA	1490
KNET	1450	KPHO	1230	KROY	1240	KTRH	1320	KVWC	1490	KYOS	1080
KNOW	1490	KPLC	1490	KRRV	910	KTRI	1450	KWAL	1450	KYSM	1230
KNX	1070	KPLT	1490	KRSB	1150	KTSA	550	KWAT	1240	KYUM	1240
KOA	850	KPMC	1600	KSAC	580	KTSM	1380	KWBW	1450	KYW	1060
KOAC	550	KPO	680	KSAL	1150	KTSW	1400	KWEW	1490	TGQ	1450
KOAM	810	KPOF	910	KSAM	1490	KTTS	1400	KWFC	1340	TGW	1520
KOB	1030	KPOW	1230	KSAN	1450	KTUC	1400	KWFT	620	TG1	1310
KOBH	1400	KPPC	1240	KSCJ	1360	KTUL	1430	KWG	1230	TIEP	830
KOCA	1240	KPQ	560	KSD	550	KTW	1250	KWIL	1240	TIGH	690
KOCY	1340	KPRC	950	KSEI	930	KUIN	1340	KWJB	1240	TIGPH	605
KODL	1230	KPRO	1440	KSFO	560	KUJ	1420	KWJJ	1080	TIGPH2	1225
KOH	630	KQV	1410	KSKY	660	KUOA	1290	KWK	1380	TING	750
KOIL	1290	KQW	740	KSL	1160	KUSD	920	KWKH	1130	TIPG	625

BROADCASTING STATIONS BY CALL LETTERS

TIRCC	1200	WATR	1320	WBRK	1340	WCLS	1340	WDSM	1230	WFBR	1300
T14NRH	725	WATW	1400	WBRW	1340	WCMI	1340	WDSU	1280	WFDF	910
VAS	685	WAVE	970	WBRY	1590	WCNC	1400	WDWS	1400	WFEA	1370
VOGY	840	WAWZ	1380	WBT	1110	WCNW	1600	WDZ	1050	WFIN	1330
VONF	640	WAYX	1230	WBTA	1490	WCOA	1370	WEAF	660	WFHR	1340
VOWR	700	WAYS	610	WBTH	1400	WCOC	910	WEAN	790	WFIG	1340
WAAB	1440	WAZL	1450	WBTM	1400	WCOL	1230	WEAU	790	WFIL	560
WAAF	950	WBAA	920	WBYN	1430	WCOP	1150	WEBC	1320	WFLA	940
WAAT	970	WBAB	1490	WBZ	1030	WCOS	1400	WEBQ	1240	WFMD	930
WABC	880	WBAL	770	WBZA	1030	WCOU	1240	WEBR	1340	WFMJ	1450
WABI	1230	WBAL	1090	WCAD	1250	WCOV	1240	WEDC	1240	WFNC	1450
WABY	1400	WBAP	820	WCAE	1250	WCPO	1230	WEED	1450	WFOR	1400
WACO	1450	WBAX	1240	WCAL	770	WCRS	1450	WEEI	590	WFOY	1240
WADC	1350	WBBB	920	WCAM	1310	WCRW	1240	WEEU	850	WFPG	1450
WAGA	590	WBBL	1240	WCAO	600	WCSC	1390	WEIM	1340	WFTC	1230
WAGE	620	WBBM	780	WCAP	1310	WCSH	970	WELI	960	WFTL	1400
WAGF	1400	WBBR	1330	WCAR	1130	WDAE	1250	WELL	1400	WFTM	1240
WAGM	1450	WBBZ	1230	WCAT	1230	WDAF	610	WEMP	1340	WFVA	1290
WAIM	1230	WBCM	1440	WCAU	1210	WDAK	1340	WENR	890	WGAA	1450
WAIR	1340	WBEN	930	WCAX	1230	WDAN	1490	WENY	1230	WGAC	1240
WAIT	820	WBHP	1230	WCAZ	1080	WDAS	1400	WEOA	1400	WGAL	1490
WAJR	1230	WBIG	1470	WCBA	1470	WDAY	970	WERC	1490	WGAN	560
WAKR	1590	WBIR	1240	WCBI	1400	WDBC	1490	WEST	1400	WGAR	1480
WALA	1410	WBLJ	1230	WCBM	1400	WDBJ	960	WESX	1230	WGAU	1340
WALB	1590	WBLK	1400	WCBS	1450	WDBO	580	WEVD	1330	WGBB	1240
WAML	1340	WBML	1240	WCBT	1230	WDEF	1400	WEW	770	WGBF	1280
WAOV	1450	WBNS	1460	WCCO	830	WDEL	1150	WEXL	1340	WGBG	980
WAPI	1170	WBNX	1380	WCED	1230	WDEV	550	WFAA	820	WGBI	910
WAPO	1150	WBNY	1400	WCFL	1000	WDGY	1130	WFAS	1240	WGBR	1400
WARM	1400	WBOC	1490	WCHS	580	WDLP	1230	WFBC	1330	WGCM	1240
WASH	1300	WBOW	1230	WCHV	1450	WDMJ	1340	WFBG	1340	WGES	1390
WASK	1450	WBRB	1240	WCKY	1530	WDNC	1490	WFBL	1390	WGGA	1240
WATL	1400	WBRC	960	WCLE	610	WDOD	1310	WFBM	1260	WGH	1340
WATN	1240	WBRE	1340	WCLO	1230	WDRC	1360	WFBI	1420	WGIL	1400

BROADCASTING STATIONS BY CALL LETTERS

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

BROADCASTING STATIONS BY CALL LETTERS

WMT	600	WOSH	1490	WRLC	1450	WSOY	1340	WTOC	1290	XEAZ	1390
WMUR	610	WOSU	820	WRNL	910	WSPA	950	WTOL	1230	XEB	1220
WMVA	1450	WOV	1130	WROK	1440	WSPB	1450	WTRC	1340	XEBA	1270
WNAB	1450	WOW	590	WROL	620	WSPD	1370	WTRY	980	XEBG	1550
WNAC	1260	WOWO	1190	WRR	1310	WSPR	1270	WTSP	1380	XEBH	920
WNAD	640	WPAB	1370	WRRN	1400	WSRR	1400	WTTM	920	XEBI	1360
WNAX	570	WPAR	1450	WRUF	850	WSTP	1490	WVDC	1450	XEBJ	1450
WNBC	1410	WPAT	930	WRVA	1140	WSTV	1340	WWJ	950	XEBK	1340
WNBF	1290	WPAX	1240	WSAI	1360	WSUI	910	WWL	870	XEBL	1260
WNBH	1340	WPAY	1400	WSAJ	1340	WSUN	620	WWNC	570	XEBM	1260
WNBZ	1320	WPEN	950	WSAM	1230	WSVA	550	WWNY	1300	XEBO	1330
WNEL	1320	WPAD	1450	WSAN	1470	WSVS	1400	WWPG	1340	XEBP	1260
WNEW	1280	WPER	1340	WSAR	1480	WSYB	1390	WWRL	1600	XEBQ	1450
WNLC	1490	WPIC	790	WSAU	1400	WSYR	570	WWSR	1420	XEBS	1410
WNOE	1450	WPID	1240	WSAV	1340	WTAD	930	WWSW	1490	XEBU	1260
WNOX	990	WPRA	790	WSAY	1240	WTAG	580	WWVA	1170	XEBW	1280
WNYC	830	WPRO	630	WSAZ	930	WTAL	1340	WXYZ	1270	XEBX	610
WOAI	1200	WPRP	1520	WSB	750	WTAM	1100	W9XC	1040	XEBZ	660
WOC	1420	WPTF	680	WSBC	1240	WTAQ	1360	XEA	1370	XEC	1310
WOCB	1240	WQAM	560	WSBT	960	WTAR	790	XEAA	1340	XECA	680
WOI	640	WQAN	910	WSFA	1440	WTAW	1150	XEAB	1600	XECD	1170
WOKO	1460	WQBC	1390	WSGN	1340	WTAX	1240	XEAC	690	XECF	1330
WOL	1260	WQXR	1560	WSIX	980	WTBO	820	XEAD	1310	XECH	1490
WOLF	1490	WRAK	1400	WSJS	600	WTCM	1400	XEAG	1280	XECL	990
WOLS	1230	WRAL	1240	WSKB	1230	WTCN	1280	XEAI	1320	XECW	1340
WOMI	1490	WRAW	1340	WSLB	1400	WTEL	1340	XEAJ	1400	XECZ	1430
WOMT	1240	WRBL	1230	WSLI	1450	WTHT	1230	XEAM	1400	XED	680
WOOD	1300	WRC	980	WSLS	1490	WTIC	1080	XEAO	910	XEDA	1290
WOPI	1490	WRDO	1400	WSM	650	WTJS	1390	XEAP	1290	XEDE	1400
WOR	710	WRDW	1480	WSMB	1350	WTMA	1250	XEAQ	1430	XEDF	1260
WORC	1310	WREC	600	WSNJ	1240	WTMC	1490	XEAT	1250	XEDH	1340
WORD	1400	WREN	1250	WSOC	1240	WTMJ	620	XEAU	1470	XEDJ	1450
WORK	1350	WRGA	1490	WSON	860	WTMV	1490	XEAW	1570	XEDK	1250
WORL	950	WRJN	1400	WSOO	1230	WTNJ	1310	XEAX	1270	XEDN	1270

BROADCASTING STATIONS BY CALL LETTERS

XEDP	730	XEHF	1370	XELZ	1440	XEP	1300	XETM	1350	YSS	640
XEDR	1490	XEHK	960	XEM	1390	XEPF	1400	XETR	1490	YV1RA	1300
XEDS	1420	XEHL	1370	XEMA	1340	XEPH	590	XETU	1460	YV1RC	1400
XEDW	1260	XEHR	1090	XEMC	1590	XEPP	1450	XEXX	860	YV1RD	1153
XEE	1280	XEI	1400	XEME	1270	XEQ	940	XETX	1400	YV1RF	1120
XEF	1420	XEJ	970	XEMG	1310	XEQK	1350	XETZ	980	YV1RK	1250
XEFB	630	XEJA	1400	XEMH	1400	XEQN	1010	XEU	960	YV1RW	1370
XEFC	1340	XEJB	1010	XEMJ	920	KERB	1090	XEW	900	YV2RB	980
XEFE	960	XEJK	1340	XEMO	860	XERC	790	XEWE	1400	YV3RA	1270
XEFI	1440	XEJP	1150	XEMR	1370	KERH	1500	XEWG	1460	YV3RE	1475
XEFK	1450	XEJR	1490	XEMU	580	XERJ	610	XEX	1280	YV4RA	1350
XEFM	1270	XEJX	1450	XEMX	1380	XERK	1450	XEXE	1450	YV4RD	1153
XEFO	1110	XEK	970	XEN	690	XERL	1280	XEXF	1490	YV4RE	1400
XEFQ	980	XEKJ	1400	XENJ	1430	XERT	1270	XEXJ	1280	YV4RL	1430
XEFU	550	XEKN	590	XENK	620	XERY	1410	XEXM	1400	YV4RR	1490
XEKN	590	XEKS	1330	XENT	1140	XERZ	1240	XEXP	1450	YV5RA	960
KEFV	1270	XEL	1260	XEO	970	XES	1300	XEXQ	1400	YV5RB	790
XEFW	810	XELA	830	XEOB	1490	XESA	1360	XEXS	1340	YV5RG	1010
XEFZ	1340	XELC	1410	XEOF	560	XESF	600	XEXT	980	YV5RI	590
XEG	1050	XELF	1380	XEOH	600	XESJ	1420	XEXU	1490	YV5RL	1160
XEGC	1450	XELH	1460	XEOK	1430	XESM	1470	XET	990	YV5RQ	882
XEGF	1300	XELJ	790	XEON	1140	XEST	1060	XEY	980	YV5RZ	1050
XEGL	1270	XELK	1280	XEON	1420	XESY	1320	XEYZ	1480	YV6RA	1400
XEGM	950	XELO	1110	XEOR	580	XETA	1370	XEZ	600	YV6RE	1080
XEGT	1490	XELQ	1270	XEOT	960	XETB	1350	YNOW	1230	ZNS	790
XEH	1250	XELW	1170	XEOX	1280	XETF	1250	YNPH	660		
XEHB	1310	XELY	1490	XEOY	1000	XETL	1390	YVKA	630		

Dave Jefferies, Dubois, Pa.
 Kenneth Battelle, Corcoran, Calif.
 Edward Artin, W. Springfield, Mass.
 A. McIntyre, Vancouver, B. C.
 Arthur T. Cushen, Invercargill, New Zealand.
 Philippe Bates, Holmesburgh, Phila., Penn.
 Art Foerster, Bosart, Ind.
 Ivor Sutherland, Mill Valley, Calif.
 Bernard Ahman, Jr., Baltimore, Md.
 Walter Oliver, Oil City, Penn.

Gene Allen, Berkeley, Calif.
 Bill Wells, Hamilton, Ontario, Canada.
 David F. Thoman, Proctorville, Ohio.
 K. Page, Buffalo, N. Y.
 Jack Troha, Cleveland, Ohio.
 Gil Jewell, Jr., San Diego, Calif.
 Gene Kosolopoff, Dayton, Ohio.
 Tony Tarr, Seattle, Wash.
 Sgt. A. W. Brunnund, Houston, Texas.
 Andre Maurice, Long Island, N. Y.

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC.

Required by the Acts of Congress of Aug. 24, 1912, and March 3, 1933.

Of Radio Index, published monthly except March, July, August and October at Emerson, New Jersey, for Oct. 1, 1941.

State of New Jersey, County of Bergen, ss.:

Before me, a Notary Public in and for the State and county aforesaid, personally appeared Ola B. Taylor, who, having been duly sworn according to law, deposes and says that she is the Business Manager of the RADIO INDEX, and that the following is, to the best of her knowledge and belief, a true statement of the ownership, management, etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, as amended by the Act of March 3, 1933, embodied in section 537, Postal Laws and Regulations, to wit:

1. That the names and addresses of the publisher, editor, managing editor, and business managers are: Publisher, The Radex Publishing Co., 12 Locust Ave., Emerson, N. J. Editor, Ray La Rocque, 105 Highland St., Worcester, Mass. Managing Editor, None. Business Manager, Ola B. Taylor, 12 Locust Ave., Emerson, N. J.

2. That the owner is: The Radex Publishing Co., 12 Locust Ave., Emerson, N. J. The following are the names and addresses of stockholders holding 1 per cent. or more of the capital stock of The Radex Publishing Co.: L. A. Byrne, 12 E. 48th St.,

N. Y., N. Y., as trustee for W. B. Auer, 148 Copley Ave., Teaneck, N. J.; A. F. Wiese, 91 Griggs Ave., Teaneck, N. J. and W. C. Auer, 145 Copley Ave., Teaneck, N. J.

3. That the known bondholders, mortgagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities are: None.

4. That the two paragraphs next above, giving the names of the owners, stockholders, and security holders, if any, contain not only the list of stockholders and security holders as they appear upon the books of the company but also, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, is given; also that the said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner; and this affiant has no reason to believe that any other person, association, or corporation has any interest direct or indirect in the said stock, bonds, or other securities than as so stated by him.

Ola B. Taylor, Business Manager.
Sworn to and subscribed before me this 30th day of September, 1941.

Jacob Feinber
(Seal) (My commission expires June 10, 1946).

Help RADEX grow with Vitamin "S"—the Pecuniary Vitamin. Each coupon accompanied by \$2.00 or more supplies RADEX with countless units of Vitamin "S." Include a gift sub for a friend.

The Radex Publishing Co.
148 Copley Ave., Teaneck, N. J.

Enclosed find \$..... for which send me postpaid my choice of your offers as checked below:

RADEX—three years	RADEX—two years
U. S. A. \$6.00, Canada \$5.95	U. S. A. \$3.60, Canada \$4.35
RADEX—one year	RADEX—one copy
U. S. A. \$2.00, Canada \$2.40	U. S. A. 30c, Canada 35c

MAP and TIME CONVERTER—25c

You may combine total years of your new sub. or renewal with that of one or more friends to get preferred rate. Add 25c a year on Foreign subs. except Cuba and Mexico.

YOUR NAME (Please print)

Address

FRIEND'S NAME

Address

(Any other names can be included on separate sheet)

DX FORECAST

(Cont.)

740 kcs. CMJN 2-3 (gj)
740 kcs. CMK 2-3 (gj)
760 kcs. KGU 3 (n)
776 kcs. Toulouse 3 (x)
790 kcs. CMBC 2 (fj)
810 kcs. CMHQ 1-2 (j)
830 kcs. LR5 1-2 (j)
850 kcs. CX16 1 (j)
854 kcs. OAX4A 1-2 (jo)
860 kcs. CMBL 1-2 (j)
870 kcs. HJCC 2 (j)
870 kcs. LR6 (j)
882 kcs. YV5RQ 1 (ajo)
890 kcs. CX18 1 (j)
900 kcs. XEW 1-2-3 (fhj)
910 kcs. CMCF 1-2 (j)
920 kcs. CMJL 2-3 (faj)
930 kcs. KGBU 3 (e)
930 kcs. CMKN 1-2 (j)
940 kcs. XEDP 2-3 (fa)
950 kcs. CMBL 1-2 (j)
959 kcs. Poste Parisien 3 (x)
960 kcs. YV5RA 1 (a)
960 kcs. CMHN 1-2 (j)
970 kcs. CMKU 1-2 (j)
980 kcs. CMK 1-2 (fj)
1000 kcs. CMKW 2 (aj)
1010 kcs. CMX 2 (dfjk)
1010 kcs. XEAW 3-4 (ilm)
1040 kcs. HJJC 1 (fj)
1040 kcs. Rennes 3 (x)
1050 kcs. XEG 2-3 (him)
1060 kcs. CMCM 1-2 (j)

1060 kcs. XEST 1-2 (m)
1070 kcs. LR1 1-2 (jo)
1075 kcs. Bordeaux 3 (x)
1105 kcs. HJCB 1 (cgj)
1120 kcs. YV1RF 1 (j)
1140 kcs. XENT 2-3 (cm)
1150 kcs. XEJP 3 (x)
1160 kcs. YV5RL 1 (c)
1160 kcs. HJCO 1 (j)
1190 kcs. HJAN 1-2 (fj)
1190 kcs. XELO 3 (gmx)
1200 kcs. HJCR 1 (j)
1200 kcs. XEB 2 (gj)
1220 kcs. CHAB 3 (g)
1260 kcs. CMBF 1-2 (f)
1275 kcs. HJAT 1 (c)
1320 kcs. WNEL 1 (jk)
1550 kcs. XEWC 3-4 (o)
1570 kcs. XEAW 3-4 (am)

Reporters for CCB Calls Heard

a.—R232—Eddie Strakna Conn.)
b.—R2612—John Chippis (Calif.)
c.—R695—Frank B. Lee (N. J.)
d.—.....—Richard Crain (N. J.)
e.—.....—Tom Brandon, (Alta.)
f.—R1397—Jim Weaver (Ind.)
g.—.....—Ernest Cooper (N. Y.)
h.—R2006—Buddy Giles (Tex.)
i.—R1920—Richard Coatsworth (Ont.)
j.—.....—Stephen Mann (N. H.)
k.—R2353—Donald Staples (Mass.)
l.—.....—Cary Simpson (W. Va.)
m.—R2368—Benny Miller (Tenn.)
n.—R2292—Gerald Stoneman (B. C.)
o.—.....—Shaler Hanich, (Calif.)
x.—RL—Your Editor

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 from the converter dial. It's as easy as that.

Radex Time Converter and World Map
25 Cents

Use order from provided on page 80

RADEX CONTEST

There are no contest scores this month as most contestants are withholding their final coupon until December 1st, awaiting receipt of a few delinquent verifications. Please mail your final coupon either No. 6 or the special X coupon to the RADEX Editorial Office, 105 Highland St., Worcester, Mass., on December 1st. Late coupons will delay the counting of score and announcement of final results. We will not accept any coupons post-marked after December 5th!

Radex for Christmas

WILL BRING ENJOYMENT THROUGHOUT
THE YEAR



RADEX IS ESPECIALLY APPRECIATED
BY SHUT-INS. WE HAVE ATTRAC-
TIVE GIFT CARDS FOR YOUR FRIENDS
TO GO WITH EVERY ORDER.



Please use convenient order form on page 80—opposite inside cover

Treat yourself to a subscription at the same time and take advantage of our
two year rate of \$3.60 (anywhere in the United States). Better still, send
two names with yours and get the \$5.40 offer.

GET MORE DX WITH HEADPHONES



WE recommend
the famous
Trimm line of
headphones for
DX success. They
are precision-built,
and combine ultra-
sensitivity with
rugged construction.

The Trimm "Featherweights"
weigh but $4\frac{1}{4}$ ounces com-
plete. 24,000 ohms. **\$8.50**
Trimm "Professional," 4,000
ohms. **4.00**
Trimm "Dependable," 2,000
ohms. **3.25**

ORDER BY MAIL FROM
RADEX

CLUB STATIONERY

CLUB SEALS STATION REPORT FORMS

These supplies will be available to Ra-
dex Club members on or about the Decem-
ber 15th. As soon as printer delivers sup-
plies, members can purchase them from
Radex, 148 Copley Ave., Teaneck, N. J.,
at the following prices plus postage:

Stationery 50 sheets 45c

100 sheets 85c

Seals 100 for 35c

Reports Forms 50 for 50c

(Prices subject to change without notice)