

RADIO INDEX

The All-Wave Log Authority

JANUARY, 1942

NO. 148

SPECIAL LATIN AMERICAN EDITION

A
Collection
of



Latin
American
QSL's

OFFICIAL ORGAN OF THE RADEX CLUB

And Associate Radio Club: NRC, URDXC, SWLR, WDXA

IN
CANADA
35c

SOUTH AMERICA LISTS
HOW TO TUNE SA'S
SPANISH ALPHABET

30c



RADIO INDEX

Reg. U. S. Patent Office



EIGHTEENTH YEAR

JANUARY 1, 1942

NO. 148

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RADEX IS THE OFFICIAL ORGAN OF THE RADEX CLUB

and

all Associated Radio Clubs

URDXC—Universal Radio DX Club, 7507 Holly St., Oakland, Calif.
WDXA—World DXer's Alliance, P. O. Box No. 2, Wakefield Sta., N. Y. C.
NRC—National Radio Club, 525 Stockbridge Ave., Buffalo, N. Y.
SWLR—Short Wave Listener's Register, 1055 Springbrook Ave., Moosic, Pa.

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WHAT'S NEW

Our readers will find this a special Latin American issue with many features designed to help in logging, identifying, and reporting these stations. These features are listed in capital letters in our table of contents for the convenience of readers.

It is with regret that Radex announces the resignation of Melvin Fisher as our Western Editor. Other pressing duties necessitated the resignation. We feel that Mel's position can best be filled by appointing two new editors, each a specialist in his field. Bill Cunningham will cover Broadcast Band, and Larry Yarnes the Shortwave News. Their addresses will be found on Page six.

Next issue of RADEX will be a special TP issue, containing lists, tips on identifying, and tuning, the stations of Australia and New Zealand. Send your order for the February issue now!

DX AND THE WAR

War engulfs nearly the entire world as we sit down at our typewriter after having completed work on this issue of RADEX. Let us spike all rumors by stating, now, that RADEX will definitely continue as always, bringing the DXer the best in DX news and the most complete and accurate station list in print! Now, more than ever, will we have to be on the job. Our government needs RADEX and can use the assistance of the RADEX Club and Associated Radio Clubs.

On first thought we planned on deleting all Japanese and Axis stations from our listings and omitting all news of these stations from our pages. Many readers had suggested this. However, let us not let our hastily aroused anger get the best of our better judgment. The FCC has announced that all news pertaining to these stations and facts about new stations in these countries as well as knowledge of all types of propaganda used by these stations is of value to our government. Furthermore, government monitoring posts use RADEX as a guide for checking foreign broadcasts. It is with this in mind that we urge all club members to keep us posted on any news regarding these as well as other stations throughout the world.

There is no longer time for our Station's Relation Committee to function. There is no longer time for Courtesy Programs Committees. Our government deserves the support of all clubs, NOW! RADEX has contacted the FCC, offering our services and the service of all our Associate Clubs in the interest of our country. If there ever was a time when all clubs should forget their own interests and band together for one common cause, this is THE time! We know we can count on the support of the National Radio Club, World DX Alliance, Short Wave Listeners Register, and the Universal Radio DX Club. However, a few other important clubs are missing from the above list and there are many, many smaller clubs who have yet to offer their services. Our one aim is now to assist in the defense of our country. All other aims of our proposed ARDC (Association of Radio and DX Clubs) are hereby cancelled, thus making way for an all-out effort on the part of all Radio and DX Clubs in the nation. Our co-hobbyists, the hams, are now doing their part, and WE CAN DO OURS.

Naturally our hobby is to be curtailed. There is very little DX on ham bands. All stations have been ordered off the air by the FCC. A few hams are operating in the interests of defense on special permits. No doubt there will be more of them as time passes. However, these boys and girls will be very busy and it is requested that SWL's refrain from contacting them unless reports are requested.

Broadcast band listeners find their pet treasure chests, the FCC tests, cancelled indefinitely per order of the FCC. However, DX was a great hobby long before there were FCC tests and we should not worry too much about this action. Many network stations are staying on the air much later than previously and become added obstacles to surmount. But there still is DX to be logged and stations will continue to verify good reports.

Shortwave broadcast DX will be curtailed in that listeners will have to be content to hear many countries and verify just a few. Though many times, mail does get through to nations where war is raging, our club members are forbidden to write for verifications from Axis or Axis controlled stations. All our readers are cautioned about including in any letters leaving this country, any material that may be of value to our enemies if seized.

We ask our readers to keep DXing as usual. The President, you know, has asked us not to give up our usual channels of entertainment. This is important to the morale of the nation. We sincerely ask our fellow clubs to join us in helping our country. With our combined efforts we can be of real service. We ask every DXer to form or join local chapters and we ask local chapters to contact local hams engaged in defense work and to work with them in every manner possible. Buy United States Defense Savings Stamps with the money saved by not writing for verifications from Axis stations.

It is to be borne in mind that most of the contents of this issue of RADEX was on the press before the outbreak of the war.

Our Latin American neighbors to the South are our Allies in our all-out effort to obliterate totalitarian rule from the face of the earth. It is an appropriate co-incidence that this issue of RADEX is dedicated to these Good-Neighbors of ours.

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Presenting

NATIONAL RADIO CLUB

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

The National Radio Club, Buffalo, N. Y., entered its 9th year of successful service to DXers on Sept. 1, 1941. The N.R.C. had its beginning at York, Pa., in Sept., 1932 and was moved to Erie in 1937. In October, 1940 the club was moved to its present headquarters, Buffalo.

The 1st Annual NRC Convention held at Buffalo over Labor Day attracted 42 persons from near and far. During the banquet dinner an official charter was awarded the Milwaukee Chapter of the NRC.

Now for a word about our membership. Have we grown during the past year—yes and many of our new members are outstanding DXers and SW fans. The NRC now has a coast-to-coast membership.

Our Courtesy Programs Committee, under the leadership of Dick Cooper has lined up many "tip-top" DX specials for this season—some have already taken the air and been proclaimed outstanding by listeners-in.

Our aim is to cooperate 100% with with the broadcasters and a striking example of this is the cooperation we have had from WEDC in stand-bys for NRC programs.

Joseph Becker is the President. Vice Presidents are "Pat" Reilley, Al Bartholomew and Jack Gardner. We have a most able Editor in the person of Ray B. Edge. John C. Kalmbach, Jr. is the Secretary and Treasurer.

The club is governed by a Board consisted of Leo Herz, Chairman, Jack Siringler, Vice Chr. and the fol-

lowing Board members: Eldon Addy, Fred Van Voorhees, "Pat" Reilley, Al Bartholomew, Stephan Mann, Grant Batson and Dick Cooper.

Our club is sponsoring 3 contests—(1) BCB US-Canada-Mexico, (2) Short Wave) and (3) Foreign BCB, the latter being conducted through the courtesy of the Cleveland Radio Club. The CRC is donating the prizes in the foreign BCB contest.

Club supplies, including report forms and stationary are available to members at cost.

Membership (dues \$2 per year) includes all the benefits derived thereof and the bulletin "DX News". "DX News" is issued weekly from Oct. 1st to April 1st, twice monthly in April and Sept. and monthly during May, June, July and Aug.

A sample copy of "DX News" and other club information may be obtained gratis by writing to the National Radio Club, 525 Stockbridge Avenue, Buffalo, N. Y.

SUGGESTIONS

"How about listing the foreign stations on Broadcast Band and their time on the air?" —Melvin See—(Calif.). (SA's in this issue and TP's in next. Other lists not available on account of present world conditions).

"What happened to your list of frequency check programs in this issue (Nov.)?" (List appears in alternate issues—RL).

"Congratulations on fine RADEX, especially like the new paper and Channel Chatter. Only fault I can find is errors in the indices." —Allan Maxwell, Ind. (We realize that our indices are still not perfect but we are gradually weeding out all mistakes. Such a venture takes time, and the assistance of readers in pointing out mistakes which we are unable to locate is appreciated—RL).

Radex DX Forecast

For JANUARY, 1942

In attempting our forecast for January we could very well copy the December forecast verbatim and let it go at that. The similarity of DX conditions of these two months constitute mid-season for DX fans. The season starts in late September and rises to a climax in December and does not begin to taper-off until February when conditions will start to show a noticeable change.

That being the case, for this month's forecast, and in keeping with the Latin American flavor in this issue, let us take a little imaginary trip into the land of tropical rhythms, beautiful señoritas, and split-frequency radio stations!

Our "Calls Heard" (listed below) will provide the experienced DXer with plenty of material for his DX wanderings. It is for the DXer who has not logged many Spanish-speaking stations that we outline the easiest heard stations and attempt to help you log them.

First let's cross the Caribbean to the United States owned Puerto Rico, where WKAQ and WNEL are the principal stations. WKAQ is the easiest to hear and can be heard very soon after sunset on 620 kcs. The station is heard with incredible strength throughout early evening. The call is announced as doublay - vay - kah - ah - coo! English is sometimes used.

We expect every DXer has logged Cubans and Mexicans so we will skip these and concentrate on the DX stations! HJAN in Barranquilla is another very easy station to log. WOWO is strong on 1190 kcs., but if you tune early (shortly after 6 p.m.) you are apt to find the Spanish-speaking station on top of WOWO. Announce as "La Voz de Barranquilla" in Spanish. No English is used.



Dear Member
This certifies your reception of
our Radio Station L.S.2 on 1190
Kc. - 252 m. We have checked your report with
the date and are pleased to
inform you that it is correct.
RADIO PRIETO
Foreign Dept.
BOLIVAR 1356 - BUENOS AIRES - REP. ARGENTINA

LS2, a much heard Argentine a few seasons back is now difficult to log.

To single out another South American that is easy to log, we will take you into Peru. OAX4A is the station and it operates on 854 kcs., a split frequency. OAX4A is on the air late, until midnight usually, and can be heard between the jumble on 850 kcs., and CFRB on 860 kcs. The station is best heard after 9 p.m. and announces as "Radio Nacional del Peru."

Now for the calls which were reported by RADEX readers during November and early December!

Code

- 0.—means station heard before 6 p.m.
- 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

- 570 kcs. CMHI 1 (abf)
- 570 kcs. 2YA 4 (c)
- 580 kcs. 3WY 4 (c)
- 590 kcs. CMCY 1-2 (afh)
- 590 kcs. KGMB 4 (cl)
- 605 kcs. TIGPH 2 (cgi)

610 kcs. 2FC 4 (c)
 620 kcs. 3AR 4 (c)
 625 kcs. TIPG 2 (ghjl)
 620 kcs. WKAQ 1-2 (ghji)
 630 kcs. CMZ 2 (bg)
 630 kcs. 4QN 4 (c)
 640 kcs. VONF 1 (ghl)
 640 kcs. HOK 2 (g)
 648 kcs. Radio Lyons. 0 (1)
 650 kcs. CX6 3 (b)
 650 kcs. 1YA 4 (c)
 655 kcs. TIBAS 2 (x)
 670 kcs. 2CO 4 (c)
 690 kcs. CMQ 1-2 (abe)
 700 kcs. 2NR 4 (c)
 720 kcs. 3YA 4 (c)
 720 kcs. HJCU 1 (il)
 725 kcs. T14NRH (l)
 730 kcs. XEQ 2 (af)
 740 kcs. CMK 2 (bg)
 760 kcs. KGU 4 (c)
 760 kcs. 4QS 4 (c)
 767 kcs. London 0 (l)
 770 kcs. 3LO 4 (c)
 770 kcs. London 3 (l)
 790 kcs. CMBC 2 (g)
 790 kcs. *ZNS 1 (g)
 790 kcs. ZNS 03 (lp)
 800 kcs. 4QG 4 (c)
 804 kcs. London 3 (l)
 810 kcs. CMHQ 1 (b)
 930 kcs. LR5 2 (bj)
 830 kcs. XELA 2-3 (g)
 835 kcs. TIEP 2 (x)
 840 kcs. 2YC 4 (c)
 854 kcs. OAX4A 2 (begj)
 850 kcs. 2CY 4 (b)
 850 kcs. CX16 2 (j)
 860 kcs. XEMO 3 (ahl)
 860 kcs. CMBL 1-2 (g)
 870 kcs. HJCC 1 (bhj)
 870 kcs. LR6 2 (j)
 870 kcs. London 0 (l)
 882 kcs. YV5RQ 2 (cfl)
 900 kcs. XEW 1-2-3 (b)
 910 kcs. CMCF 1-2 (bg)
 910 kcs. LR2 2 (j)
 920 kcs. HJCS 2 (bg)
 920 kcs. XEMI 2 (o)
 920 kcs. CMJK 1 (pg)
 950 kcs. CMBZ 3 (ap)
 950 kcs. 2UE 4 (c)
 950 kcs. LR3 2 (j)
 960 kcs. CMHN 3 (p)

960 kcs. Paris 3 (x)
 980 kcs. CMCK 1-2 (bh)
 1000 kcs. CMKW 1-2 (g)
 1005 kcs. VOCC 0 (l)
 1010 kcs. XEAW 3-4 (abdem)
 1010 kcs. YV5RG 2 (b)
 1020 kcs. CMCM 2 (g)
 1030 kcs. LR9? 1 (b)
 1040 kcs. HJ CZ 1-2 (bg)
 1050 kcs. XEG 2-3 (abhm)
 1060 kcs. CMCM 1-2 (bgp)
 1070 kcs. LRI 2 (bcmj)
 1075 kcs. Bordeaux 3 (lx)
 1105 kcs. HJCB 1-2 (bcgl)
 1107 kcs. XEFO 2-3 (c)
 1149 kcs. London 3 (x)
 1153 kcs. YVIRD 4 (b)
 1150 kcs. CMBQ 1-2 (bg)
 1153 kcs. XEJP 2-3-4 (c)
 1160 kcs. HJCO? 2 (b)
 1160 kcs. YV5RL 2 (l)
 1190 kcs. HJAN 1-2 (abcjx)
 1195 kcs. Frankfort 1 (l)
 1200 kcs. HJCR 1 (ij)
 1220 kcs. XEB 1-2-3 (b)
 1220 kcs. TIEP-2 2 (cx)
 1230 kcs. KHBC 4 (c)
 1260 kcs. XEDF 2 (f)
 1260 kcs. XEL 3 (hp)
 1275 kcs. HJAT 1-2 (clx)
 1320 kcs. WNEL 1-2 (fi)
 1360 kcs. ZP5? 2 (c)
 1400 kcs. HJAR 3 (p)
 1420 kcs. XEF 3 (n)
 1430 kcs. 3ZB 4 (c)
 1460 kcs. XETU 3 (k)
 1460 kcs. XELH 3 (k)
 1470 kcs. YV3RE 1-2 (cl)
 1470 kcs. XESM 3 (g)
 1490 kcs. CMCA 3 (p)
 1540 kcs. CMBH 1-2 (hgi)

Code

a—Alton Caldwell (Mass.)
 b—R1397 James Weaver (In.)
 c—R1151 Bob Brown (In.)
 d—R2003 Arnold F. Worme (N. Y.)
 e—R2327 Eddie Strakna (Conn.)
 f—R1088 Ralph Kastner (Tex.)
 g—Robert Koppelon (N. J.)
 h—Ernest R. Cooper (N. Y.)
 i—R1049 S. R. Morss (Mass.)
 j—Robert Skvten (Mass.)
 k—Barney Ahman (Md.)
 l—R695 Frank B. Lee (N. J.)
 m—R36. Mich. I. Carl Silvester
 n—R2006 Buddy Giles

(Next page)

Listening for Latins

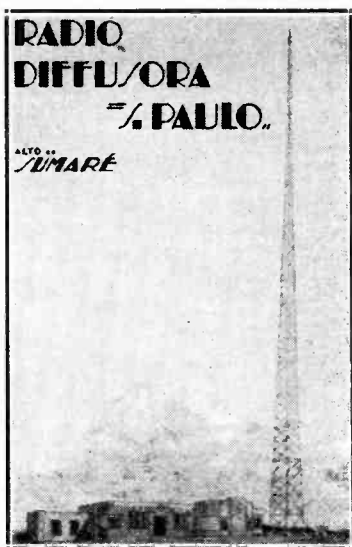
By STEVE MANN

Most DX'ers find that their difficulty with Latin American stations lies not in hearing them, but in identifying them. The purpose of this article is to give the reader some practical hints on identifying Spanish and Portuguese speaking stations.

Most of these stations do one thing that is really a big help, i.e. they strike chimes just before giving their identifying announcement. In this way, the DX'er usually knows when to listen most intently. In another part of this issue appears a list of how letters and numbers in Spanish are pronounced, so we will not concern ourselves with this method of identification here.

Although call letters are actually the best method of identifying a station, the easiest is through their slogans and individual characteristics. In most of the lists of Latin American stations appearing in this issue the slogans are given. Study these carefully; they are usually easier to understand than the call letters.

Now for a few examples of methods of identification. Mexican stations, in general, strike their chimes very slowly and make their identifications slowly and clearly. Cubans, on the other hand, speak very rapidly. Cuban stations also tend to strike only one or two chimes or gongs, where-



Colorful picture veri from PRF-3 in Sao Paulo, Brazil.

as Mexicans are accustomed to using four to five. Many Mexicans and Cubans don't even bother with chimes.

Central and South American stations are harder to differentiate between. In most cases, there is no special characteristic indicative of one country. As a general thing, stations in Colombia and Venezuela announce slower and more distinctly than those of other countries, but again, this is not always true.

Brazilian stations are easy to tell apart from the rest because Portuguese, not Spanish, is the language

Code (con't.)

p—Caleb Cope (Pa.)

x—RL Your Editor (Mass.)

used. The main differences between the two languages are that Portuguese has many nasal and lisping sounds which are not contained in Spanish.

On the broadcast band Latin Americans can be heard from sunset to sunrise. Brazilians are usually the first heard, often coming in as early as 5:30 p.m. An hour or so after Argentine, Uruguyan, Venezuelan, and Colombian stations begin to make their appearance. Reception again peaks between 9-10 p.m. and by 11 most of the stations have signed off. Venezuelan stations frequently sign on early in the morning. Stations YVIRK, YVIRF, and YVIRA all sign on between 5:30 and 5:40 a.m., and can frequently be heard at that time.

If your receiver is equipped with a crystal, you should be able to hear many Latins well on split frequencies. Following is a list of well heard Latins using split frequencies. TIGPH-605; TIGP-625; YSS-638; TIBAS-655; TIEP-835; OAX4A-854; YV5RQ-882; TIOS-937; HJCB-1105; TIEP2-1225; HJAT-1275; YV3RE-1475. Many of these can be heard without using a crystal under favorable conditions.

Comments

"That was 960% improvement in November RADEX (the 960 being the number of pages). Keep us the FB work. Is there any place where I can get report forms?"—Ted Bamberger—Ohio. (Yes, RADEX now has Report Forms for its members.—RL).

"One thing many DXers out here would like to see in your publication is a list of sign-on and closing time of all U. S. A. broadcasting stations."—A. E. Simpson, New Zealand.

"I am happy to know that RADEX has been improved. It was such an unattractive magazine that I stopped buying it months ago. Here's luck in your new venture."—Sylvan Eleneweig, Pa.

"Continue the Calendar of DX Programs. List the shortwave stations with their addresses, as well as means of identifying non-English speaking stations."—

"The slogans you have on Venezuela stations are very helpful in shortwave list. Can we have more of them?"—Hal Robie, Mass. You most certainly can. We plan to include as many as space permits, inserting a few each issue.—RL).

Honduras

By CARLOS RAMIREZ G.

This little Republic of Central America bounded by Antillas Sea on the North side; Nicaragua on the East side; Pacific Ocean, Nicaragua and Salvador on the South side and Guatemala on the West side, has about 115,000 sq. kms. and around 115,000 inhabitants. It has at present 5 broadcasting stations on long and short-waves: HRN "La Voz de Honduras" working with the same call letters and power (500 watts) in three different frequencies: 1450 kcs., 2437 and 5875. These stations are owned by Senor Rafael Ferrary of Tegucigalpa. In the rest of the Republic there are two more stations: HRD-2 "La Voz de Atlantida" in La Ceiba, on 6235 kcs. and 250 watts and HRP-1 "El Eco de Honduras" in San Pedro Sula, transmitting on 6351 kcs. with 100 watts. The former owned by Senora Genoveva V. de Castaneda and the latter by General Filiberto Diaz Zelaya. Honduras has granted license only to six amateurs: HR1AA, HR1FR, HR1JC, HR1JR, HR1UG and HR2A. In the international prefixes, it was assigned from HQA to HRZ notwithstanding they are only using HR for broadcasting and amateurs.

NEW WESTERN EDITORS

RADEX proudly announces the appointment of a new Western BCB Editor and a new Western Shortwave Editor. In the future all readers living in the Mountain and Pacific Time zones should report directly to:

Broadcast

Bill Cunningham
1712 North Mariposa Ave.
Hollywood, Calif.

Shortwave

L. A. (Larry) Yarnes
Box 103
Wasco, Calif.

Channel Chatter

By the Eastern and Western Editors

Standard Broadcast 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 another section. All Time is E. S. T.

540 kcs.

CBK has been heard quite often by Frank B. Lee on Saturday nights and early Sunday morning. They verified by card in eight days. Signal on these broadcasts was an R5-6.

570 kcs.

2YA was heard with good signals several times this year by R1151 (Ind.).

580 kcs.

WIBW in Topeka sends a souvenir of their plant.

590 kcs.

WEEL comes on the air at 5 a.m. week-days. . . . CMCY over-rides almost everything on this channel practically every night. . . . KHQ verified by R2145 (Ohio) through CMCY at 11 p.m. . . . KGMB is an R9 bet in Indiana, according to R1151.

600 kcs.

TIGPH on 605 kcs. can be heard in Eastern U. S. A. in evening very regularly.

610 kcs.

WIOD is a station on this channel that often over-rides WIP in New England, not WMUR! R2327 is the authority for this statement. . . . 2FC



LR4, a nifty red and white card.

can be heard on Tuesday mornings when WIP is off the air. (R1151-Ind.).

620 kcs.

WKAQ over-rides everything on this channel in the early evening until they sign off. . . . Then on 625 kcs., with some sharp tuning and if you're not too near WPRO, TIPG can be heard with good signals until 11 p.m. or later. . . . R1151 reports that 3AR verified for reception of last April 4th with a card showing artists featured on the Merry-Go-Round, a weekly program on Monday night. 2CO and 3LO also use this same card.

630 kcs.

WMAL signs off at 2 a.m. and WPRO is on at 6 a.m.—this via Ernie Cooper. . . . 4QN was heard by R1151 (Ind.) from 5:30-5:45 a.m. . . . R1397 reports CMZ heard evenings with regularity. . . .

640 kcs.

WNAD, "The Voice of the Soonerland", verifies promptly. Schedule is from 10 a.m. to 6 p.m.

650 kcs.

TIBAS in San Juan de Tibas, Costa Rica, is a new 8 kw. station which is

being widely heard between WEAF and WSM. As far as we can determine, this station was first identified by any reporter when Steve Mann dug it out at the recent Bay State Chapter Meeting at the home of your editor. An assist goes to Walter Madigan, who submitted the Costa Rican list which provided the incentive for attempting to tune the station. . . . IYA, one of the easiest heard TP's can be heard every morning according to R1151.

CX6 is believed by R1397 (Ind.) to be the station using Spanish which he is hearing very weakly, beneath WSM around 10 p.m.

680 kcs.

WLAW and WPTF make a scramble of this channel in Connecticut. (R2194). . . . Even the broadcasters are commenting on new RADEX. R2551 (Iowa) reports that WISR on November 17th had a DX program on which several nice plugs were given RADEX and compliments awarded for our improved magazine. Thanks WISR, hats off to you!

700 kcs.

2NR can be heard after 5 a.m. on Sunday mornings. WLW comes on the air too early other mornings.

720 kcs.

Many DXers are mystified by the Spanish speaking station behind WGN every evening. Reporters are inclined to believe it is HJCU, but no one has identified it.

760 kcs.

London on 767 kcs. has been reported heard twice by R695 (N. J.) at 5:15 p.m., just before sign off.

770 kcs.

KOB is now on this frequency after having changed from 1030 kcs. . . . 3LO can be heard when KXA is off the air on Sunday mornings.

790 kcs.

Station heard on Oct. 5th at 2 a.m. giving hurricane warnings for Bahamas. Could it have been ZNS? C. Cope of Philadelphia would like to know. . . . ZNS and CMBC battle for supremacy in the evening on this

channel in New York area (Koppe- lon). XEDF in Nuevo Laredo is now on this channel, having moved from 1260 kcs. (R1088, Texas).

800 kcs.

London on 804 kcs. reported by Frank B. Lee (N. J.) at 5:15 p.m. on two separate occasions.

820 kcs.

WAIT, says Ernie Cooper (N. Y.) does NOT come on at 6 a.m., as previously reported. They can be heard at 7 a.m. on Sunday morning.

830 kcs.

Station behind WCCO every evening is causing much comment. However we believe there are two stations as some readers—especially in New England have heard the station identify as LR-5, while those farther west are hearing the Mexican XELA. . . . TIEP is actually being heard on 835 kcs., not 825 kcs. as listed in official lists. TIEP can be heard until 11 p.m. or midnight. . . .

850 kcs.

KFUO now using 50 kw. broadcast a test on December 12th, one of those superb DX programs which this station usually broadcasts. Listeners who report, in accordance with the station's policy, will receive a beautiful souvenir of KFUEO.

OAX4A on 854 kcs., your editor finds, is one of the easiest South Americans to log, especially if your receiver tunes sharply. HJAN is strong, but unless you have an antenna directed South, or a very good location for SA's they are badly messed up, while OAX4A is always in the clear. Don't try for them too early, though—after 9 p.m. is best.

2CY recently verified for R1397 (Ind.) for his first Aussie veri. The report was out 80 days.

860 kcs.

XEMO is in the clear from midnight to 2 a.m. daily.

870 kcs.

HJCC is being heard through WWL on this frequency by R1397. but Jim expects a difficult time in copying veri data with WWL as

strong as it is. . . . BBC station in London on 877 kcs. reported logged once by R695 (N. J.) at 5:15 p.m.

900 kcs.

CHML comes on the air at 5 a.m. daily.

930 kcs.

WBBB comes on the air at 6:30 a.m. with hill-billy music.

950 kcs.

KFEL is a 24-hour station except on a Wednesday morning when the station goes off the air at 3 a.m. . . . CMBZ heard on a Monday morning at 1:15 a.m. announcing that they would verify all correct reports sent to P. O. Box 866, Havana.—R1319, Mass.

970 kcs.

WAAT is a twenty-four hour station, but have Tuesday morning as their silent period. (Stations having a silent day deserve a special note of thanks from our DX fans for the courtesy).

980 kcs.

CMCK comes on at 4 a.m. with programs similar to those of XEAW's, giving their mailing address as Chicago.

990 kcs.

CKY reported heard well from 1:15 a.m. by R1319 (Mass.).

1000 kcs.

VOCM (actually 1005 kcs.) in St. John's, Newfoundland is being heard in Northeastern U. S. A. in the late afternoon just after sunset. Frank B. Lee (N. J.) was the first to report VOCM. . . . WINS says "Good Morning" at 7:30 a.m. daily.

1010 kcs.

XEAW is still riding supreme in this channel with signals that are unequalled by any other Mexican station. R2336 (La.) states that their mailing address is Dallas, Texas.

1030 kcs.

Spanish speaking station heard at 10:04 p.m. and earlier by R1397 is believed to be LR9, although not identified.

1050 kcs.

XEG now uses the slogan the "Voice of North America." The slogan is very "a propos" as the station really blankets the continent with its powerful signal.

1070 kcs.

LR-1 occasionally over-rides CBA, but not up in New England where CBA is a powerhouse! However, at sign-off of CBA, LR-1 can sometimes be heard as their closing announcement takes about five minutes longer than CBA's!

1100 kcs.

XEFO is actually on 1107 kcs., not 1110 kcs. as officially announced, and DXers should be careful not to mistake it for the split frequency HJCB! —R1151.

1140 kcs.

WRVA, through its W. H. Wells, notifies of the station's change to a strict NBC station, dropping its Mutual affiliation. At the same time WRVA tells of complaints over a wide area of interference from XENT. Data and official protests have been filed with the FCC in the hope of securing co-operation. . . . XENT's card gives an exterior view of towers and building. Information below picture states towers are 300 feet high. This from R2452.

1130 kcs.

WCAR comes on the air at 4 a.m.

1140 kcs.

BBC in London on 1149 kcs. was heard with a signal that actually jumped the S-meter to an R9 on December 6th! Station was logged from 1:15-1:30 a.m. with music and announcements in Italian. RL (Mass.)

1150 kcs.

WCOP comes on the air every morning at 6 a.m. . . . XEJP is the Mexican station being heard on this frequency (1153 kcs. to be exact) all night and into the early morning hours. . . . CHSJ is heard with good signal (R1319-Mass.) through WCOP even before that station signs off, as early as 4 p.m. CHSJ is excellent after WCOP sign off.

1160 kcs.

Station heard by R1397 (Ind.) at 10:04 p.m. may be either HJCO or YV5RL.

1190 kcs.

XELO is still being heard on this channel with powerful signal, and until such time as we are notified that they have changed to 1110 kcs., we will list the station on both frequencies for the convenience of DXers. . . . HJAN is the most widely reported South American. HJAN over-rides all opposition on this channel all over the country, especially in the early evening.

Frankfort, Germany reported as best TA signal of the season by R695 (N. J.). Station was heard from 5-5:30 p.m. with very strong signal.

1200 kcs.

A Portuguese speaking station is being reported by R1049 (Mass.) behind HJCR on 1200 kcs.

1220 kcs.

XEB in Mexico City is heard very well in the East. . . . R1151 reports a Costa Rica station heard once on 1225 kcs. . . . R600 identified this station as TIEP2 on your editor's receiver and we have since identified it ourselves.

1230 kcs.

WCED in Dubois, Penna. was first reported on the West coast by Raleigh Biss of Banning, Calif. Don't forget you can get last minute RA-DEX tips over this station on the last Tuesday of the month from 4-5 a.m. . . . WITH is silent from 3-5 a.m. every Tuesday morning and all night on the second Tuesday of month. WFTC tests the first Tuesday of month from 3:30-4 a.m. . . . WHOP has a regular test every third Friday from 3:30 a.m. . . . KPOW in Powell, Wyo. operates from 6:45 a.m. to 10:15 p.m. daily and from 9 a.m. to 7 p.m. Veri is a picture post card signed by Al and Rosemary (Meyer). Al is amateur W7GBY.

CHGB is sometimes heard in New England during regular evening schedule.

1240 kcs.

WINN slogan is "Win Louisville with WINN". The chief engineer is Al Rutherford.

1260 kcs.

XEL heterodyne's WOL all night program.

1270 kcs.

HJAT (1275 kcs.) is another split frequency station that can be heard by a little sharp tuning in the early evening.

1280 kcs.

WHBI, a lot of DXers need this station, is on every Monday morning until 3 a.m., so says Ernie Cooper.

1290 kcs.

WHLD can be heard coming on the air every morning at 6:30 a.m.

1300 kcs.

KOL, according to Otto Renninger of the station's transmitter staff will carry an hour of music for the Grand National SWL Club from 4-5 a.m. on January 2nd. This will probably be KOL's only DX program this season.

1310 kcs.

WISH verification is printed on regular government post-card.

1340 kcs.

WGAA in the West Theatre Building, Cedartown, Ga. is in the clear every Sunday morning at 5 a.m. At the time of reception contest was being staged to find a slogan for the station. . . . WEBR signs on at 7 a.m. daily. . . . WEIM comes on the air at the same time.

1360 kcs.

A Spanish speaking station was heard by 1151 (Ind.) from 10:00-10:30 p.m. on 1365 kcs. Bob thinks it might have been ZP5! !

1380 kcs.

WBNX doesn't make its morning bow on the ether until 9 a.m.! Station is now on until 2 a.m., however.

1400 kcs.

WCOS uses a $\frac{3}{4}$ wave vertical uniform cross section antenna. Address is 200 state Street, Columbia, S. C. H. Whittier of Mass. sends this item. . . . WLLH begins its broadcasting day at 6:30 a.m. . . . WJLB's schedule corrected: 5:15 a.m. to 1:30 a.m. (Thanks Ernie Cooper). WMIN is on until 3 a.m. every morning except Mondays. . . . WRRN in Warren, Ohio went on the air November 10th. Previous to this, it is claimed that Warren was the largest city in U. S. without a broadcast station. . . . WATW in Ashland, Wisconsin verified for R2006 with a long letter saying that two of their former announcers were at Sheppard Field. Dave Page signed the verification and "The Voice of Chequamegon Bay" is slogan used. . . . WORD in Spartanburg, S. C., requests a self-addressed stamped envelope for verification. . . . WMGA in Moultrie, Ga. is known as "The Patron's Station". . . .

1430 kcs.

WBYN is a hard station to verify. Try addressing a note to J. McDonough, Chief Engineer advises Ernie Cooper. . . . R1151 is creating the impression that he is our premier TP DXer in the East. He reports 3ZB at 4:25 and at 6:05 a.m. with weak signals and QRM'd by still another TP, believed to be 2WL! ! KLO in Ogden, Utah is on every Sunday from 3-5 a.m. with a request program. A good opportunity for Eastern DXers to log this station.

1440 kcs.

WAAB starts its broadcasting day at 7 a.m. daily.

1450 kcs.

KGIW in Alamosa, Colo., according to Ed Alen, owner, is the highest regular broadcasting station in North America.

1470 kcs.

XESM is very strong after 1 a.m. daily, according to Bob Koppelon (N. J.). Another South American to try in early evening hours is YV3RE on 1475 kcs. This one is not too easily heard, however.

1490 kcs.

WNLC in New London, Conn. puts on one of the most interesting DX programs during their monthly FCC check. The names of DXers who reported the previous program are read over the air. (R2551). . . . WIGM in Medford, Wisconsin started broadcasting on October 26th. Nathan Williams, chief engineer at WIGM says that they are notably one of the smallest cities with a NEW broadcast station. Population is 2300. While there are smaller places, they have had stations there some time, and started when initial investment was small in comparison to what it is today.

1520 kcs.

WHIP starts pouring words and music into the ether each day come seven chimes in the ayem!

1560 kcs.

WQXR has been operating with 10 kw. for some time, according to R1878 (N. Y.).

Suggestions

"Your project regarding additional station data is an excellent one and my particular interest centers on mailing addresses of Mexican and Cuban stations. Mexican postal authorities, apparently, make very little effort to deliver a letter to a station with nothing more than its call to go by."—Mel Oliver, Texas.

"Please put Applications to FCC back in it is. Would like to see more news on PENN-RADEX. Please keep Channel Chatter like sylvania stations."—Charles E. Rissinger, Pa."

"I would like to see a complete log of world stations in RADEX. That is broadcast band stations."—Hilding Gustafson, Ill. (So would we, but conditions at present make it impossible to secure lists of foreign stations from many countries. We may attempt an unofficial listing in the Fall—RL).

Shortwaves In Review

By EASTERN AND WESTERN EDITORS

News of the world compiled from reader reports and other sources. Acknowledgement and lists of reporters are found in the club section of RADEX, along with special mention in our Report-O-Meter for those who reporting was outstanding. All time is E. S. T.

HORAS DE TRANSMISION DE 6 A 9 P. M. DIARIAMENTE TIEMPO STANDARD CENTRAL	POWER 100 WATTS FRECUENCIA 5875 KILOCICLOS 1250
"LA VOIX DE OUBOURAS" TEGUCIGALPA, HONDURAS, S. C. A.	
AGRADECE A USTED SU APRECIABLE INFORME de 14 de enero de 1938.	
RAFAEL FERRARI GERENTE	PAUL JOHN INGENIERO

AFRICA

Angola—New

CR6RA on 9470 kcs. in Luanda, operated by Radio Club de Angola is reported jointly by Skyten (Mass.) and R600 (N. H.). CR6RA is being heard on Tuesday, Wednesday, and Saturday from 2:30-4 p.m.

CR6RB on 10953 kcs. with 50 watts in Benguela is being heard again, according to R600. Station is on daily except Sunday from 2:30-3:30 p.m. Address is Radio Club de Benguela, Caixa Postal 19, Benguela, Angola. Verification takes 3-6 months. News in Portuguese is given at 3:15 p.m. Sign off with Portuguese National Anthem.

Belgian Congo

OPM on 10140 kcs. is being reported by several from 1:55 to 2:45 p.m. The station comes on the air with a series of four high pitched notes played over and over again on a horn or reed instrument. HH3W causes some QRM.

French Cameroons

"Radio Cameroons" at Douala transmits as follows with news in French: FIA6 on 8000 kcs. at 1:15 p.m. and on FIA on 10710 kcs. at 5:45

a.m. Station is definitely on the air, though not heard yet here.—R600 (N. H.)

French Equatorial Africa

"Radio Brazzeville", 11945 kcs. Reports should be addressed to "Radio Brazzeville," Service de Information, Haut-Commissariat, Brazzeville, Fr. Equatorial Africa.—R2117

French West Africa

FGA on 9395 kcs. was heard signing off at 3:29 p.m., using chimes and announcement in French, "Radio Dakar."—R2003 (N. Y.)

French Morocco

"Radio Maroc" on 8035 kcs. heard with fair signals around 3 p.m. They announce as "Radio Maroc" after four goings.—R1319 (Mass.)

Mozambique

CR7BE now on 9830 kcs. heard by R600 (N. H.) from 2-4 p.m. News in English is at 3 p.m. and in French at 3:30 p.m. Station frequently stays on after 4 p.m. reading messages in Portuguese. . . . CR7BD on 15250 kcs. also has the program but is considerably weaker.

Union of South Africa

ZRL on 9606 kcs. in Capetown is being heard regularly on 11:45 p.m. to 2 a.m. transmission. At midnight a clock strikes 7 a.m., African time.—R2117 (Pa.)

ASIA

China

XCDN is correct call for the pro-British station in Shanghai on 119300 kcs. Though the prefix XC is not assigned to China, it makes a convenient call as it forms the initials of the owners the North China Daily News! Station has a short news session evenings from 6:45-7 p.m. R2228 (Mass.) and R600 (N. H.) deserve credit for this item.

XMHA on 11855 kcs. is the American owned station in Shanghai and comes in fairly well from 7-8 p.m. on English transmission. News is heard at 7 p.m.—R600 (N. H.)

French Indo China

"Radio Saigon" reported by R2228 (Mass.) as coming in very well about any time of the day. They were heard on 11780 kcs. at 12 noon to 12:17 p.m. with French news by a lady. Identification was chimes which precede and follow all Saigon programs. . . . R600 (N. H.) reports Saigon R9 on the 7-7:20 p.m. transmission on same channel. Program opens with "La Marseilles", followed by "Ici la Voix de la France en Extreme Orient." Station is pro-Vichy.

India

VUD-3 on 9590 kcs. in Delhi, India is heard coming on the air at 6:30 a.m. with native program. News in English is heard at 7:30 a.m.—R2117 (Pa.)

VUD-4 on 11830 kcs. reported by R2117 (Pa.) and R1691 (Mass.) from 6:50-8 a.m. News in English is also heard on this station at 7:30 a.m.

Japan

All Japanese broadcast stations are now enemy broadcasters and will no doubt be used in spreading malicious enemy propaganda. All news and programs intercepted by our readers from these stations is to be treated and accepted as propaganda.

Java

PLP on 11000 kcs. is reported by R2006 as occasionally coming on the air at 5:30 p.m.

Turkey

TAP on 9465 kcs. was reported by R2117 (Pa.) from 2:15-2:28 p.m. with a fair signal.

Zanzibar

Station on 9375 kcs., believed to be in Zanzibar, has been heard twice at 2:30 a.m. and 5 p.m. with a very weak signal. Station transmits native music and talks in a foreign language. Identification sounds like "This is Zanzibar Calling" and "Ici Zanzibar."—R2009 (Cuba).

EUROPE

Azores—New

Ponta Delgada, after using 14400 kcs. for a short period now seems to have definitely settled upon 7300 kcs. for its 3-4 p.m. broadcast and on 4002 kcs. for its 5-7 p.m. program. Both broadcasts are heard with good signal, but the lower frequency is subject to more QRM at times. Opening announcement is "Aqui Portugal em Ponta Delgada, emissora de onda curta da Emisora Nacional." Station opens and closes with clock striking the hour and the Portuguese National Anthem. No call letters are used, although it is believed the assigned call on 4002 kcs. is CT2AJ. R600 and R1319 share honors on this report.

Eire

Athlone on 17840 kcs. heard by Wardman (Pa.) from 12:30-1:17 p.m. with weak signals. News and American popular songs were heard. They want reports addressed to Chrystler Bldg., N. Y.

France

"Radio Inconnu" on 9750 kcs., the anti-Vichy station broadcasts at 2:30 p.m. and is heard with R9 plus sig-

nals. The tolling of bells opens the program, followed by the announcement "Ici Radio Inconnu", and then a talk. Only French is used. R600 (N. H.)

Germany

"Gustav Seigfried Eins" finally identified by R2228 (Mass.) as his own mystery station on a new frequency of 9480 kcs. This station is anti-Nazi and is believed located somewhere in Germany.

All "D" broadcasters in Germany and German occupied areas are to be treated by Radex readers as enemy broadcast stations and news and other broadcasts emanating from these stations should be accepted as enemy news and propaganda.

Great Britain—New

A flock of new BBC frequencies and calls have made their appearance, most of them as yet unlisted in "London Calling". Here are those which RADEX readers have identified.

GRB on 7440 kcs. heard with R9 signals from 3:30-3:45 p.m. with news in Italian by male announcer, then with news in Russian by women announcer.—R2003 N. Y.)

GRI on 9415 kcs., GRG on 11680 kcs., GRN on 6195 kcs., and another GR on 9810 kcs. were heard at various times of the day—R786 (Mass.)

Latest official schedule of North American transmission is from 4:15-11:45 p.m. on GSD, GSC, and GSL.

Italy

"Italia Radio Libertad" on 11505 kcs. heard from 3:30-3:40 p.m., with anti-Facist talks in Italian by Legge—N. Y. It is not certain that this station is actually located in Italy.

All EIAR Rome stations are now to be considered as enemy broadcasters and it is expected that Radexers will take this into consideration, when and if they should chance to hear to these stations.

Portugal

CUY on 9195 kcs. at Lisbon heard afternoons and early evenings in Portuguese phoning Madeira (CUZ-9495 kcs.) and Azores (CUM-6995 kcs.) Station uses a 19 note musical interval signal. CUZ and CUM use a similar interval signal of 24 and 21 notes respectively. This station is believed to be the one heard by Eugene Gross as well as the station reported in November issue as OQZ! — Legge (N. Y.)

Spain

"Voz Espana" on 7035 kcs. at Valencia is heard regularly from 5-6 p.m. badly QRM'd by cw. stations (Legge—N. Y.)

U. S. S. R.

Radio Center now operates another station in 31-meter band on 9565 kcs., the same frequency used by the Soviet station in Khabarovsk in Siberia! The Moscow station is heard from 6:30-7:30 p.m. with English program—R2228 (Mass.).

Unknown station being heard around 7 a.m. on 6050 kcs.—R1088 (Texas).

NO. AMERICA

Bahamas

ZNS2 on 60858 kcs. is now being heard with good signal evenings. Station often relays B. B. C. and carries local weather reports.

Canada—New

CBFW is back on regular schedule. This time they are using 6088 kcs., instead of 6160 kcs., according to R2003. The station is daily broadcasting in parallel with CBF and CBFY.

CHNX address is furnished by R2006. It is Maritime Broadcasting Co., Ltd., P. O. Box 400, Halifax, N. S.

Costa Rica

TI4NRH on their verification cards now list their official frequency as 9715 kcs. — R1319 (Mass.), R2145 (Ohio).

Cuba

COK on 11616 kcs. has a Spanish language class on Mondays, Wednesdays, and Fridays from 9:15-9:45 p.m.

COCX in Havana is now on 8275 kcs., having shifted from 9200 kcs.—R23001 Mass.

CMB3 on 14145 kcs. have been reported testing at various hours of the day and on various frequencies in the 14 and 15 megacycle band.

Dominican Republican

HI9B is no longer on 5885 kcs. and should be deleted (Legge).

HI1N on 6245 kcs. was picked up by R2003 (N. Y.) announcing in Spanish and using a four bell identification signal.

Guatemala

Official Schedule: TGWA on 15170 kcs. is on from 12:45-2:00 p.m.

On Sunday TGWA on 9685 kcs. stays on until 5:15 p.m. and comes on at 7 p.m. in the evening.

Haiti

HH2S on 5940 kcs. is widely reported by many Radexers this month. Station has an English program on Wednesday from 9:30-10:30 p.m.

Hawaii

KIEK on 17830 kcs. tests with KHE on Sunday afternoons. (Wardman)

Honduras

HRN is being reported with a very fine signal in the evening from 7-10 p.m. R2301, R2003.

Jamaica

ZQI on 4710 kcs. in Kingston, Jamaica is being heard from 5:15-6:15 p.m. by Ratton (Ill.)

Martinique

"Radio Martinique" on 9703 kcs. is being heard from 7-8 p.m. with program in French. Several Radexers reporting.

Nicaragua

YNRS-YNPH on 8585 kcs. heard and reported at 6:10 p.m. by R1088 (Texas).

YN2FT on 7490 kcs. heard by R1319 (Mass.) with fair to weak signals.

Salvador

YSR is now on 6270 kcs. (Legge-N. Y.)

YSPB on 6575 kcs. really puts in a very good signal daily from 7:30-11:30 p.m.—R2006.

OCEANIA

Australia—New

VLQ-9 on 7250 kcs. is a new station replacing VLQ-5 on 9680 kcs. North American transmission, from 7:20-8:05 a.m. . . . As far as can be determined VLG2 on 9540 kcs. continues to be the other station on this transmission. VLQ2 is by far the best heard of the Australians.

VLG on 9580 kcs. in Melbourne is heard well from 6-7:30 a.m. Station has also been reported around 3 a.m.

VLR7 on 11840 kcs. in Melbourne is heard in the early morning until approximately 7:30 a.m.

VLW2 on 9560kcs. in Perth comes on the air at 6 a.m. and is on until 8 or 9 a.m. Station is usually badly QRM'd.

New: VLG3 on 11710 kcs., reported by Warren (Ohio) as broadcasting in parallel with VLQ from 12:56-1:40 daily.

SO. AMERICA

British Guiana

ZFY in Georgetown has moved to 6080 kcs. . . . The station is heard best from 6-6:15 a.m. . . . Roger Legge reports a station in Demerara on 10530 kcs. at 7 a.m. calling Antigua.

Brazil

PRE9 on 15165 kcs. at Fortaleza is the Brazilian station being heard from

8:40-11 a.m. on this channel. This via Skyten (Mass.).

Bolivia

CP38 on 9480 kcs. is now being heard with fair signals in evening by R600 (N. H.). Veri card is attractive. Address is Casilla 596, La Paz.

CP43 on 15165 kcs. with 1½ kw., "Radio Tupiza" is heard evenings occasionally. Address is Casilla 13, Tupiza.



Nicola Connata of Chicago—his photographic SWL card

Colombia

HJCT on 9630 kcs. in Bogota is being heard very well now and can be identified by the deep three-toned chime similar to NBC's.

Paraguay—New

ZPA2 in Asuncion on 11720 kcs., (reported last month as ZP14) is actually a new station in the capital city of this republic. Announcements sound similar to "Radio Difusora de Telephono del Paraguay." They are on from 6:45-7:45 p.m. with program in Spanish and news at 7:00 and 7:30 p.m. A pronounced hum on the carrier makes it easy to identify.—R2228 (Mass.)

Venezuela—New

YV6RC on 3450 kcs., "Ondas del Neveri" in Barcelona, Venezuela is in the evening relaying broadcast band YV6RE.—R600 (N. H.)

YV5RN on 9630 kcs. now operating in parallel with 4920 kcs. station and announcing as "Radio Caracas." The station identifies with four gongs.—R2117 (Pa.)

UNCLASSIFIED

United States

WDE on 19850 kcs. is a new station heard from 3:30-4 p.m. giving channel service to Montevideo.—R2533 (N. Y.)

WBOS heard on new frequency of 15210 kcs. from 8:30-9 a.m.—R2228 (Mass.)

WDL on 9750 kcs. at Ocean Gate, N. J. heard calling Lisbon in English at 8:22 p.m. with strong signal.—R2003 (N. Y.)

WRP on 20700 kcs. in New York has been heard testing from 11:25 a.m. to 12:30 p.m. They play Spanish music and can easily be taken for a South American station.—Wardman, (Pa.)

W5XAU on 26125 kcs. heard from 10:30-11:30 a.m. with very good signal. This station relays the programs of WKY from 7 a.m. to 11 p.m. daily.—R1691 (Mass.)

W9XLA on 25400 kcs. in Denver, Colo., is also heard mornings at the same time as W5XAU. W9XLA asks for reception reports and relays the programs of KLZ. The station uses 100 watts.—R1691 (Mass.)

British Guiana

ZFY's schedule on 6130 kcs. is from Monday through Saturday from 7-9 a.m., 11 a.m., to 1 p.m., and 5:30-8:30 p.m., with program lasting until 9:30 p.m. on Saturday.

On Sunday the station is on from 7 a.m. to 1 p.m., and from 2:30-8:30.—2324 (N. Y.)

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.

From the kitchen comes the pleasant aroma of hamburgers (being fried by friend wife), near the right hand rests sundry cans of cool refreshment, waiting to be wafted toward dry lips as the curtain rises on ye olde Ham Hounder about to break forth with his monthly round of ham gossip and DX news.

His typewriter stutters madly amid a jungle of cards, letters, reports, news and sundry bits from here and there and from its ever-yawning maw flows a fount of information soon to become a record for posterity in the never-dying pages of Radex.

Radexers, Ham Hounding is on the air!

Last month we hinted that a new idea was buzzing around in our bonnet—that each issue we would print a short biography of one of our fellow-members so that the rest of us would know each other more intimately. If Radex is going to be the same to SWLing as the ARRL is to amateur radio, let's do the job right.

So every issue we're going to present a snapshot portrait of a Radexer—chosen by lot from those who in the past have helped by shooting in their reports (if you haven't yet sent in a report direct to me do so at once and get your name on the lists).

We have a roster of all those who in the past two years have contributed to Ham Hounding. To select the honored one for each issue the names are juggled in a hat and drawn quite like the draft lottery that took place recently in Washington.

This month Charles H. Adams, Jr. (known to club members as R1784 and to his friends as Bill) is the lucky winner of the Ham Hounding lottery.



Charles H. Adams, Jr. That's an Echophone receiver you see in photo.

Bill leads the personality parade. Take a gander at yon picture of Bill and listen herewith to his story.

Bill is 17 years old and a senior at Philadelphia's Northeast Public High School. His home is in suburban Holmesburg. He began DXing two years ago and at present has 123 amateur QSLs and 115 veries from broadcast stations.

His receiver is an Echophone Commercial (six tubes) with a power consumption of 35 watts. The antenna is a 12-ft. vertical, 70 feet above the ground.

Bill's favorite ham bands are 10 and 20 meters, although occasionally he wanders up to the 75 and 160-meter bands. His best ham veris are K7BUUB, K7GNN, XE3AH, CO2JH, K4GSG and K5AM. Best broadcast DX includes COK, CMQ, COCQ, HCJB, CHNX and XERA.

Defense continues to play an important role in radio. Montana radio hams have teamed up in a statewide network to sound alarms and summon aid in any sort of emergency. Tom

D. Caverly is the coordinator of Montana's defense commission.

At a ten-state conference on defense problems held recently in Denver, Caverly said there were about 75 hams in the network, which goes into each of Montana's 53 counties.

"Each operator has a definite schedule, under which he is on duty a certain night of the week. By maintaining a regular schedule, the network will be in complete working order in case of floods, fires, airplane crashes, severe storms and so on. The value of this organization of operators in case the country goes to war is apparent."

WINTV was dedicated November 10 in New London, Conn., as the first United Service Organization short-wave radio station in the United States. High dignitaries of the national defense program, army, navy, church and stage participated in the ceremonies which were broadcast over the Mutual network.

Rear Admiral Clark H. Woodward (U. S. N.), attached to the Office of Civilian Defense; W. Spencer Robertson, chairman of the USO's executive committee; Miss Carol Bruce of Universal Pictures, and Martin H. Work of Hollywood, radio consultant to the National Catholic Community Service, participated in the dedication at New London, while from WOL in Washington Maj. Gen. Dawson Olmstead, chief signal officer of the army, broadcast his annual message to the more than 60,000 amateurs in America.

The station is the first of a huge network providing service men facilities for sending radio messages, free of charge, to their homes and families.

Here's further news on ham band changes, thanks to L. M. Jensen of Cowley, Wyo.:

The proposed dropping of Class A restriction has been abandoned and 20 meters and what's left of 75 meters will be strictly Class A. The 7250-7300 phone band will open on Dec. 20, 1941.

Ralph Kastner (R1088) took the trouble to write to the FCC and thereby cleared up what might have been a mystery to some of you.

Ralph heard W2JT in a QSO with XE1NO and CX2CO one day and knowing that the FCC had banned amateur communication between W's and foreign hams, asked the FCC "How come?"

The FCC wrote back and sent a copy of the commission's Order 72-L permitting Earl F. Lucas, licensee of W2JT, to communicate with amateurs located in South and Central America "for the purpose of fostering friendship between peoples of the American republics."

No doubt others have been given similar permission.

We greet as new reporters Joe and Al Kaiser, of Mahanoy City, Pa., who send in their first bits of news. Joe is R2234 and Al R2221. Let's have more reports, fellows. Keep up the good work. Harlie Smith, Jr., is also a newcomer, sending a list of fine QRAs. Arthur M. Hankins, R7, sends in his first report—a dandy—direct to Ham Hounding.

QRA and QSL

Joe and Al Kaiser, afore nationed, report that K4KD, K4FAB and K4EJG verified for them. They would like to know if K4FKC verifies. A report sent to NY1AD returned saying that there was no such man in the Canal Zone!

Here are the QRAs which Harlie Smith (R2546) forwarded for Bernard Arnold and L. N. Stracencer:

K6QUD. F. E. Firth, 2051 Puunui St., Honolulu, Hawaii;

W1LYH. Guy Bixby, 26 Rosedale St., Everett, Mass.;

W1KLC, Frank Newton, Dennis, Mass.;

W6RN, John Imsand, 2333 Ralmar Ave., Palo Alto, Cal.;

XE1LF, Luis Farell Cubillas, Triangulo 702, Mexico, D. F.;

XE1ME, Conrado MacFarland C., Aptdo. Postal 194, Puebla, Pue.;

CP1AF, Raul Maldonado, Casila Correo 20, La Paz, Bolivia.

Bill Wells, our Ontario Radexer R2443) gives the QRAs of three SWLs who have joined or are about to join the service "over there:"

Robert Camp (B, 62131), Company "A", HUT, 4A, 20 Basic Training Centre, Brantford, Ontario;

Lac. Caderath A. B., R. C. A. F., (Can. R101529), c/o Mrs. Walshe, 32 Foxberry Road., Brockley SE4, London, England (R1769);

Pilot Officer Charles A. Mills, Officers Mess, R. A. F. School, Clinton, Ontario (R1667).

Ham of the Month

You've all heard him—most of you have his QSL card. He's the ham of the month—K4KD, E. W. Mayer of Santurce, Porto Rico, the oldest continuously active K4 ham in point of activity.

"Ev's" roster of accomplishments is a mile long. He holds WAS, WBE and WPR certificates, and AEC, FTS, OPS, AARS, OBS and ORS appointments. He was the instigator of the ARRL "20-Year Club", is the president of the Puerto Rico Amateur Radio Club and is a member of the A-1 Club, Rag Chewers Club, ITK and ARRL!

He was the K4 winner of the 3rd, 4th, 7th and 8th ARRL international DX contests, winner of the 1935 ARRL Sweepstakes, and was co-winner with K4RJ of the 1935 ARRL copying bee. He holds an ARRL 35-wpm code proficiency certificate. Ev was S. C. M. for the Puerto Rican-Virgin Island section in 1928-1930 and at present is assistant S. C. M. of the West Indies section.



E. V. Mayer, who is K4KD in Santurce, Puerto Rico

Ev is a professional radio operator, his experience including eight years as a naval radio operator, four years commercial coast station operator, nine years airways operating. At present his job is Chief radio operator at WMDU, Pan-American Airways, San Juan.

He has been married 16 years, has two boys 15 and 13 years old—the oldest has already taken his Class B exam and issued the call K4HEB.

Ev took up ham radio in 1912 in Illinois with a cousin who is now W5GG in Cleveland, Miss. He answers all SWLs regardless of whether or not enclosed postage is sent, although naturally those who send postage get the preference.

A late flash came in the mail while we were in the midst of the column and blessed if we don't put it right in here. It's from our old friend Ed Laudansky (R2063) who as you all know is at Fort Shafter, Honolulu, doing a bit of a job for Uncle Sam.

"Aloha nui nui nuki from the islands," he writes. "How is everything over on the mainland. Things have been slow here but recently went over to K6SRZ's shack. There is a new operator there by the name of Harry Longerich, who is W2GQY.

"We contacted W9ARE, W6QP, W6FUO, W2EGG, W2LKC, W6OAG, W6AGS, W9YQN, W9ELK and W5FWD, and had some good rag chews.

"Incidentally, here's a tip on K6SRZ. Many of the SWL cards addressed to the old address in the Callbook are sent to a former operator who is now in the States. Any Ra-

dex who wants a card from K6SRZ should address them to Harry Long-erich, 9th Signal Service Company, Fort Shafter, Honolulu, Hawaii."

"W"
Section

73	<p>W 2^{Sam} J D G</p> <p>Samuel James and Viola Grossman EAST ROCKAWAY, N. Y., U. S. A.</p> <p>RADIO SWL CAL. HEARD Oct. 27, 1938 BAND 15 meters XMTR 6A1T-807-T. 200-pp. Tol. 150a-final 800wts. RMKS. Rev. HQ 120 many thanks for interest.....</p> <p>W 2^{Vi} J Z X</p> <p>WL NN - AARS - ARRL - YL RL</p>	73
88		88

"W"
Section

Composite QSL of Sam and Viola Grossman

We had the extreme good fortune to select for one of our featured amateurs this month Viola Grossman—W2JZX—one of famous Grossman trio of father, mother and son.

Mrs. Grossman is the communications chairman of the Women's Defense Council of her county on Long Island and at present is helping to instruct 300 other women with facts on how to assist licensed radio operators during emergencies. These women are learning to copy code, be familiar with all the "Q" signals, ARRL phonetic list, and how to originate and write up a service message.

Many of the 300 women will go on into advanced course, which takes in theory, practice, communication laws and be ready to take license examinations next summer. Furthermore, more women are joining the classes daily.

Viola became interested in ham radio when convalescing from an operation in 1934. Thrilled at the conversations heard on her shortwave set, she and her husband both studied and became Class A in 1936 and 1937. Their son, Kenneth, also successfully

passed the exam and today they are a keen partnership—Sam, W2JDG, Viola's husband, doing the designing; Kenneth doing the building (with some help from Viola); and Viola the operating (along with the others, of course).

All have done marvelous emergency work. Viola during the Ohio River flood kept the 160-meter band monitored and open for emergency messages. She assisted in the New England disaster by handling messages and also during the 1938 California flood. After the latter emergency she was appointed emergency coordinator for her county.

In 1938 Viola was nominated for the Paley award, given each year by CBS to the amateur radio operator who had done the most for people of the U. S. in line of public service.

As for SWL veri requests:

"I am very happy to hear from them," says Viola. "I feel that they should rate a QSL card. If they take the time to write and list a heard contact, the least I can do is say 'thank you for your interest.' It IS appreciated by this station."

W5HQV is a station heard very often because Johnny Sasser, its operator, has plenty of time for contacts. He is a ticket agent for the Oklahoma Railway and since he works from 3 p.m. to midnight and has two days a week off the air is quite busy around his Oklahoma City home most of the time.



Johnny is a regular reader of *Radex*, QSLs 10 per cent and answers all SWLs with a picture QSL of the station! He is single and 35 years old.

Johnny is a member of the Screwball Network on 160 meters which meets around 2 a.m. nightly. The purpose of the net is to be as silly as possible and yet make it enjoyable for the other members. All transmitters are equipped for break-in operation and since one of the rules is never to hold transmissions over 3 minutes all members have acquainted themselves with fast break-ins. During an exciting session one may hear just a simple "Eeek!"

For the 75-meter band Johnny uses a pair of TW 150's and on 160 a pair of RCA 810's—both 1KW input. For 10, 20 and 40 meters a pair of RCA

812's is used. All transmitters operate fone and CW, and controlled by a Meissner Signal-Shifter. Receiver is an HRO.

W4CAY of Charlotte, N. C., is our other sectional representative—Arthur L. Blalock, an electrical engineer. He is 40 years old, has three daughters (all married) and a son, a high school senior.

He is president of the Charlotte Amateur Radio Club and a member of the ARRL and ROWH.

Snapshots of Blalock's ham radio experience from when he started in 1912: initials used for call letters. . . . used any old frequency. . . . from spark transformer to rotary gap. . . . the government license with call letters 4QW, frequency 200 meters. . . . DX 1000 miles with old Hartley circuit. four 202 tubes in parallel. . . . on 70 meters for a while but not very active because the job took him on the road. . . . the night he came home after a bad sleet storm and found the bottles in the rectifier broken by the freeze. . . . end of ham radio until 1931 when the bug bit again. . . . took the exam and came back on air with new call, new license. . . . now has a 50-watt CW and fone rig and a 50-watt rig on 40 CW.

W4CAY still likes code best and uses push to talk system on fone and break-in on CW. His pet peeves are two—the nets with about 20 stations all over the band instead of on one frequency and the fellows who have ECO and don't know how to use it!

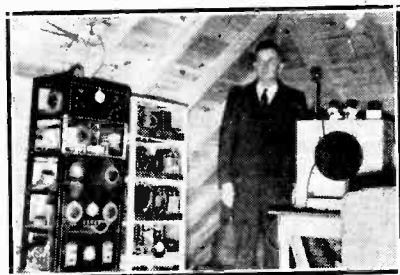
As for SWL cards, they go unanswered unless sufficient postage is sent. He is absolutely correct when he says the fellow requesting a card should send the postage because it must be remembered that the amateur sending the card must also stand the cost of printing those cards.

Other W Section news: Hams who have QSLed for George Deligianis (R2347) — W6PQW, 6NYQ, 6SYR, 6JWF, 6ZM, 6GAO, 6KZF, 6THO.

6BNH, 6AGS, 6SPX, 6LGW, 6BNK, 6SRB, W5BAT, W9WGL, 9ZTL, 9DPB.

W6AM was heard going to town on all bands on the Nov. 9 session of the Sweepstakes Contest but where was W6ITH?

These Akron, Ohio, hams QSL 100 percent: W8HHU, 8BFJ, 8OYI, 8NZW, 8EX1, 8VQI, 8SKM, 8QJZ, 8UGF, 8WAV and 8OJN.



A. L. Blalock, W4CAV in Charlotte, N. C.

When youse guys send in more reports we'll have more station news so get out those pens, papers, pencils, typewriters or chalk and slate:

CUBA—CO2HC heard early in the morning on 40-meter fone in QSO with HH2ER in English. The address: P. O. Box 500, Havana. CO2GL gladly QSLs for return postage—and CO88MP sent back our IRC with his card.

GUAM—A card addressed to KB6-CBN need only say Roy C. Henning, KB6CBN, Island of Guam.

HAITI—HH2ER heard on 40-meter fone regularly. He was heard to say address him in care of HH1W.

HAWAII—K6FWV and K6MVV heard on 10 meters late Sunday afternoons.

PORTO RICO—K4HHR is K. P. Billings, Fort Buchanan, San Juan, K4GPU is Ray A. Johns, A. C. Det. Com., Borinquen Field, and K4EJG is Alfredo Sambolin, P. O. Box 744,

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Ponce. The latter two are on 10 meters.

SWAN ISLAND — Here is the latest on these hams: KD4HHS has left the island indefinitely, but there are two phone stations operating: KD4HZS and KD4IDS. The latter's mail must be sent to "Weather Bureau, Swan Island, West Indies, VIA NEW ORLEANS, LA."

VIRGIN ISLANDS — KB4HBX is David L. Forde, U. S. Marine Corps, St. Thomas.

CHATTER: Thanks to Art Hankins and Bernie Arnold we were able to get out a report this month. . . . whassa matter, fellas. . . . Clarence Bates, the airplane pilot who was the only one to escape death in the Moorhead, Minn., air crash which killed 14 not so long ago is W9DTP. . . . In his automobile Bates has a portable transmitter so he may talk with his wife at home. . . . one of these days we're going to tell everyone what a swell SWL card Bob Brown of Goshen, Indiana, has. . . . ARRL announces publication of the 1942 edition of the Radio Amateur's Handbook—streamlined, of course, with an eye toward defense.

Comments

"New RADEX is much better than I thought it would be. Why not print a list of countries where IRCs are accepted?"—Lee Johnson, Me. (This would not be possible because countries are all supposed to honor IRC's, but occasionally local authorities make it difficult for stations to cash them, hence the stations would rather skip it than go through the red-tape involved. See note regarding the Return-Postage Bureau elsewhere in RADEX.)

"New RADEX meets with my approval. I would like to add my voice to that of Dr. Herman Bucher who asked for articles on how to get the most out of a receiving set. Also a listing of slogans and interval notes of shortwave stations."—Arnold F. Worme, N. Y.

"It seems like old times again. It (RADEX) is well worth the increase in price. I have been buying RADEX from newsstands since September 1936, but I think this new way is the best for all concerned."—Robert L. Hatton—Ill.

Latin America

HAPPY HUNTING GROUND FOR SWLS

With war blocking amateur radio operations to the east and the west, the short wave listener is turning his attention to Latin America where staccato Spanish is being thrown nightly into the air lanes, ready to be picked up by the more alert tuner-inner.

On 40, 20 and 10 meters DX stations are waiting to be heard—10 and 50-watt transmitters from as far south as the Straits of Magellan and from such bizarre regions as the jungles of Peru and Brazil.

The listener doesn't need to know Spanish—but it will help. Every night at least half a dozen amateurs are speaking English, either for practice when the time comes when once more the U. S. stations will be allowed to communicate with other countries, or because they are speaking to some lonely American in a mining or farming outpost.

Some W stations have been given permission to contact Latin Americans "to foster goodwill" between the nations, and their contacts may be heard speaking English.

But to build up an impressive list of Latin American QSLs, learn the Spanish alphabet printed in another page of this issue. It's simple and if you know the letters and numbers you will find it easy to catch a station's call.

Then if you hear "Eckes ay uno ellay eckes," you'll know you have hit upon XE1LX. It will take practice because the Spanish language is spoken faster than the English but through perseverance and a little study one will find that more and more stations will become identified.

Now, where are these stations?

Most of the ones heard in the U. S. are on 20 meters between 14000 and

15150 kilocycles. Tune across that portion of band on any night when conditions are good and the Spanish will flutter in. The strongest will probably be Mexican or Cuban amateurs—the latter well-known by their "Say-oh" prefix.

On 10 meters English is heard more than Spanish from the Latin Americans.

On 40 meters there are still more Spanish-speaking amateurs, more difficult to identify because usually they must over-ride the American code stations and because they seem to talk a faster Spanish for some reason or other.

A few may be heard on 75-meter fone and if one knows the code still more can be heard on all four bands.

Some of the better-known amateurs have become popular in the U. S. for their willingness to QSL and for their fairness and treatment of the amateur radio hobby. Notable among them is the "old skipper," Felix Gunther, operator of LUIDA and LU8AB.

Gunther, an import broker, has never failed to QSL for an SWL, whether or not the postage was enclosed. His LU8AB is in Buenos Aires and LUIDA is at his summer home in suburban Hurlingham.

LU5CK, LU7BK and others have QSLed willingly for the shortwave listener to make Argentina one of the most noted QSLing countries. Brazil is next with Venezuela and Colombia tied for third. Other countries follow with Chile a bad last in the matter of QSLs.

Other noted South and Central Americans include YV4AE, a pastor in Turmero, Venezuela; HP1A, the only amateur in the republic of Panama; LU2BG, who operates a police

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RETURN POSTAGE

A problem always arises when the DXer reaches the point where he is about to enclose return postage when writing the foreign countries. Common courtesy demands that something be enclosed to re-imburse the station for its time and effort.

An IRC (International Reply Coupon) is very unsatisfactory because in many localities (especially in Latin America) the radio stations find it very difficult to cash these coupons and would rather lose the small amount obtained by cashing them rather than go through the complications that go with cashing such a coupon. At best the IRC's bring the recipient only half of what was originally paid for the coupon.

American coins are not suitable for inserting in letters and this method of enclosing return postage is not recommended.

The ideal method would be to enclose unused stamps of the country to which you are writing. But these, you say, are not to be had, or at least it would be difficult to obtain them. Yes, it would be, if it were not for Walter H. Koester.

Walter, you know, runs the RETURN POSTAGE BUREAU, 85 Francisco Ave., Rutherford, N. J., where at nominal fee you can purchase stamps from any country in the world! In connection with our Latin American issue we list below the Latin American countries which are included in the RETURN POSTAGE BUREAU's price list. Price is the cost to you per stamp for post-card and letter rate stamps respectively.

Country	P. Card	Letter
Argentina	5c	8c
Bolivia	5c	9c
Brazil	5c	9c
British Guiana	6c	9c
Br. Honduras	6c	10c
Canal Zone	3c	5c
Chile	4c	8c
Colombia	4c	9c
Costa Rica	5c	7c
Cuba	3c	5c

Curacao	8c	12c
Dominican Rep.	4c	6c
Ecuador	5c	8c
Guatemala	5c	8c
Haiti	6c	9c
Honduras	5c	8c
Mexico	3c	6c
Nicaragua	5c	9c
Panama	4c	6c
Paraguay	6c	10c
Peru	5c	10c
Salvador	5c	8c
Suriname	8c	12c
Uruguay	6c	9c
Venezuela	5c	10c

Rates on other countries on request. Include enough return postage to cover mailing on all orders. Order from RETURN POSTAGE BUREAU, 85 Francisco Ave., Rutherford, New Jersey.

radio system; HK3CL, operated jointly by Mario and Eduardo Roncallo C.; PY2LM, who has one of Brazil's prettiest QSL cards; HH2-MC, who is a Haitian government official; HH2B, the widely known station of Gertrude and Bill Bleo; and PY2MH and PY2IT—the colorful dual station of the romantic Major Carlos Villaca and his wife.

A resume of Latin American amateurs would not be complete without mention of the Ruede el Oeste, an international radio society that numbers among its members even stations of the United States.

The RdeO corresponds in the southern Americas with the American Radio Relay League of the U. S. Its countries number almost 20 and on Oeste cards contain the flags of the various countries in the union. All Ruede cards are the same no matter what country the amateur belongs to—except, of course, the calls and addresses differ.

Ruede del Oeste members are pledged to the same principles that the ARRL has incorporated into its platform and all members must QSL, if an SWL sends a report with postage. The club is for the furtherance of the principles of amateur radio and good will between countries.

So if you yearn for a scrapbook full of good DX from our southern neighbors, learn the Spanish alphabet and numbers and tune in some night—you'll find it an interesting game.

Questions and Answers

Of, by, and for RADEX Readers

Questions:

Ralph Kastner, P. O. Box 134., New Braunfels, Texas: "What is the call of the New B. B. C. Station on 9820 kcs. which is heard at 7:05 a.m.?"

Francis Fellers, 52 Fearing St., Amherst, Mass.: "I would like to know what station comes on the air about 2:50 p.m. to 3 p.m. and again from 4:50 to 5 p.m. They give a short talk in German and give no signs of identifications. Signals, on 9480 kcs. are excellent. Also, what is the station operating on about 11610 kcs. in the mornings from about 6 to 9 a.m., when they fade out. The programs consist of Oriental music and announcements?"

J. Will Taylor, 128 Jordan St., Knoxville, Tenn.: "I would like to know the time VOGY signs on and off. VOGY is operating on 840 kcs. and is located in St. Johns Nfld."

Eddie Strakna, Box 85., Jewett City, Conn.: "What English Speaking station on 1020 kcs. comes on at 9:00 p.m. and signs off at about 10:00 p.m. This station is behind KDKA?"

Don Nolde, 2800 N. Leavitt St., Chicago, Ill.: "Has anyone a National SW3 or SW5?"

Robert Koppelon, 92 Vassar Ave., Newark, N. J. "Can some one help me with these unknown stations, they are Spanish speaking stations! On 850 kcs. CX16?, 730 kcs. XEDP or XEQ?, 835 kcs. XELA?, 940 kcs. XEDP or XEQ?. These stations are heard till midnight. 1155 kcs. XEJP?, heard all evening and early morning., 1425 kcs. XE??. A Mexican heard Nov. 8th at 2:30 a.m. 920 kcs. A Cuban heard under HJCS. 990 kcs. heard under WNOX. Also an unidentified French



The Duke and Duchess of Windsor, as their image appeared over NBC's television station WNBT!

speaking station on 777 kcs. heard in early September after WJZ signed off giving news bulletins?"

Hal Robie, 188 Bristol St., Springfield, Mass.: "Has TGWA stopped sending verification cards? They have ignored two reports of mine, Sunday, Nov. 2nd I listened from 4:28 to 6:48 p.m. and took down everything I heard. Most of the time was spent in broadcasting a football game. They signed at 6:48 p.m. with no announcement". . . .

Four Reports—No Answer

John P. Hisgen, 65 Patridge St., Albany, N. Y.: "I have sent four reports to HH3W Haiti, and had no answer. In Radex, No. R146 said they verify with a buff colored card printed in silver, gold and red. Will someone give me their address as I may not have sent reports to the right place."

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FM Station List

HIGH FIDELITY STATICLESS STATIONS

Beneath the frequency in kilocycles are given the call, location, coverage (or power), owner, type of station, and schedule if known.

Symbols used are: (C) Commercial station now in operation; (CP) Construction permit granted for commercial station; (E) Educational broadcasting station; and (X) Experimental broadcasting station.

- 42100 kcs.**
WYNE, New York, N. Y. —, Board of Education (E)
- 42300 kcs.**
—, San Diego, Calif., —, Unified School System (E)
- 42500 kcs.**
WBEZ, Chicago, Ill., Board of Education (E)
- 42600 kcs.**
W1XK, Hull, Mass., 100 watts, Westinghouse Electric Co. (X)
W1XSN, E. Springfield, Mass., 1000 w., Westinghouse Electric Co. (X)
W3XMC, Washington, D. C., 1000 w., Mc Nary & Chambers. (X)
W8XAD, Rochester, N. Y., 250 w. WHEC, Inc. (X)
- 42800 kcs.**
W2XMN, Alpine, N. J., 1000 w., Maj. Armstrong (X)
- 42900 kcs.**
W1UC, Urbana, Ill., —, Univ. of Illinois (E)
- 43000 kcs.**
W9XYH, Superior, Wis., Head of Lakes Brdcast. Co. (X)
- 43100 kcs.**
K31LA, Los Angeles, Calif., 20000 sq. mi., Columbia Brdcastg. System (CP)
W31NY, New York, N. Y., 15610 sq. mi., Maj. Armstrong (CP)
- 43200 kcs.**
W2XQR, Long Island City, N. Y., 1000 w., J. V. L. Hogan (X)
W3XO, Washington, D. C., 1000 w., Jansky & Bailey. (X)
W8XFM, Cincinnati, Ohio, 1000 w., Crosley Radio Corp. (X)
- 43400 kcs.**
W1XTG, Worcester, Mass., 1000 w., Worcester Telegram (X)
- 43500 kcs.**
W3XPY, Whippany, N. J., —, Bell Telephone Labs. (X)
W35NY, New York, N. Y., 3900 sq. mi., City of New York (CP)
- 43700 kcs.**
K37LA, Los Angeles, Calif., 38000 sq. mi., Earle C. Anthony (CP)
- 43900 kcs.**
W2XWG, New York, N. Y., 1000 watts, National Brst. Co. (X) Wed. to Sun. 3-11 pm.
W39B, Boston, Mass., 31000 sq. mi., Yankee Network (C). (C) 6 am.-mid.
- 44100 kcs.**
W41MM, Winston Salem, N. C., 69400 sq. mi., Gordon Gray (CP)
- 44300 kcs.**
W43B, Boston, Mass., 19230 sq. mi., Yankee Network. (C) 8 am.-mid.
- 44500 kcs.**
K45LA, Los Angeles, Calif., 6944 sq. mi., Don Lee System (CP) 3 pm.-3 am.
K45SF, San Francisco, Calif., 10800 sq. mi., Hughes Tool Co.
W45CM, Columbus, Ohio, 12400 sq. mi., WBNS, Inc. (C)
W45D, Detroit, Mich., 6820 sq. mi., Evening News Ass'n. (C)
W45BR, Baton Rouge, La., 8100 sq. mi., Baton R. Brst. Corp. 10:30 am.-12:30 pm., 3-6 pm., 7-10 pm.
W45V, Evansville, Ind., 8397 sq. mi., Evansville On The Air, Inc. (CP)
- 44700 kcs.**
K47SL, Salt Lake City, Utah, 623 sq. mi., Radio Service Corp. (CP)
W47A, Albany, N. Y., — Capitol Broadcast, Co. (C) 8:30 am.-1 am.-Sun. till 3 am.
W47C, Chicago, Ill., 10800 sq. mi., WJJD, Inc. (CP)
W47NV, Nashville, Tenn., 16000 sq. mi., Nat. Life & Accident Ins. Co. (C)
W47P, Pittsburgh, Pa. 8400 sq. mi., Walker Downing Radio (C)
- 44900 kcs.**
W3XEZ, Camden, N. J., 1000 watts, RCA Mfg. Co., Inc. (X)
W49D, Detroit, Mich., 6800 sq. mi., John Lord Booth (C)
W49FW, Fort Wayne, Ind., 6700 sq. mi., Westinghouse Electric Co. (CP)
W49BN, Binghamton, N. Y., 6500 sq. mi., Wylie B. Jones (CP)
K49KC, Kansas City, Mo., 299 sq. mi., mercial Radio Equip. Co. (X)
W49PH, Philadelphia, Pa., 9300 sq. mi., Penn. Brstg Corp (CP). (
- 45100 kcs.**
K51L, St. Louis, Mo., 1300 sq. mi., St. Louis University. (CP)
W2XWG, New York, N. Y., 100 w., National Brst. Co. (X)
W51C, Chicago, Ill., 10800 sq. mi., Zenith, Radio Co. (C)
W51NY, New York, N. Y., 8500 sq. mi., National Brst. Co. (CP)
W51R, Rochester, N. Y., 3200 sq. mi., Stromberg Carlson (C)
W51SL, Lexington, Ky., —, American Brst. Corp. (CP)
- 45300 kcs.**
Baton R. Brst. Corp. 10:30 am.-12:30 pm., Standard Brst. Co. (CP)
W53D, Detroit, Mich., 6800 sq. mi., Good will Station (CP).

W53H, Hartford, Conn., 6100 sq. mi., Travelers Brest. Service (CP)
W53PH, Philadelphia, Pa., 9300 sq. mi., WFIL, Inc. (C)
—, Indianapolis, Ind., 13640 sq. mi., Indianapolis Brest. Corp. (C)

45500 kcs.

W55M, Milwaukee, Wis., 8540 sq. mi., The Journal Co. (C)
W55NY, New York, N. Y., 8500 sq. mi., Wm. G. N. Finch (CP)
W2XOY, New Scotland, N. Y., until 10 pm. (X)
W57A, Albany, N. Y., 6589 sq. mi., General Electric Co. (C)

45700 kcs.

W57PH, Philadelphia, Pa., 9300 sq. mi., Westinghouse Electric Co. (CP)

45900 kcs.

K59L, St. Louis, Mo., 1300 sq. mi., CBS, Inc. (CP)
W59C, Chicago, Ill., 10800 sq. mi., WGN, Inc. (C) 7 am.-1 am.
W59NY, New York, N. Y., 8500 sq. mi., Interstate Brest. Corp. (CP)

46100 kcs.

K61LA, Los Angeles, Calif., 7000 sq. mi., Metro Goldwyn Mayer (CP)

46300 kcs.

W63C, Chicago, Ill., 10800 sq. mi., National Broadcasting Co. (C)
W63NY, New York, N. Y., 8500 sq. mi., Marcus Lowe Agency (CP)
W63SY, Syracuse, N. Y., 6800 sq. mi., Central N. Y. Brest. Co. (CP)

46500 kcs.

W65H, Hartford, Conn., 6100 sq. mi., WDRC, Inc. (C) 2-11 pm.
—, Kansas City, Mo., 1500 watts, (X)

46700 kcs.

W67B, Boston, Mass., 6700 sq. mi., Westinghouse Electric Co. (CP)
W67C, Chicago, Ill., 10800 sq. mi., Columbia Broadcasting System (C) 4-10 pm.
W67NY, New York, N. Y., 8500 sq. mi., Columbia Broadcasting System (C) testing.

46900 kcs.

W69PH, Philadelphia, Pa., 9300 sq. mi., WCAU, Inc. (C)

47100 kcs.

W71NY, New York, N. Y., 8500 sq. mi., Bamberger Brest. Corp. 8 am.-11:30 pm.
W71RF, Rockford, Ill., 3900 sq. mi., Rockford Broadcasters (CP)
W71SB, South Bend, Ind., 4300 sq. mi., So. Bend Tribune (CP)

47300 kcs.

W73D, Detroit, Mich., King-Trendall Co., 688 sq. mi. (CP)

47500 kcs.

W75C, Chicago, Ill., 10800 sq. mi., Moody Bible Institute (CP)
W75NY, New York, N. Y., 8500 sq. mi., Metropolitan Telev. Co. (CP)
W75P, Pittsburgh, Pa., 8400 sq. mi., Westinghouse Electric Co. (CP)

47700 kcs.

W77XL, Lansing, Mich., 3800 sq. mi., WJLM, Inc. (CP)

47900 kcs.

W59C, Chicago, Ill., 1080 sq. mi., Metro Goldwyn Meyer (CP).

48100 kcs.

W81PH, Philadelphia, Pa., 9300 sq. mi., Seaboard Radio Co. (CP)
W81SP, Springfield, Mass., 2500 sq. mi., Westinghouse Electric Co. (CP)

49100 kcs.

W3XPY, Whippany, N. J. —, Bell Telephone Labs. (X)

49900 kcs.

W99NY, New York, N. Y., 8500 sq. mi., Frequency Brest. Co. (CP)



Antenna tower of KALW San Francisco Educational FM Station

(Questions cont.)

Barney Ahman, Jr. D2, Calvert Court Apts. 31st & Calvert Sts. Baltimore, Md.: "Can someone give me the name of any person at WGRC who verifies reports. I've sent 5 veries since they opened several years ago, and never received an answer. Also who is testing on 920 kcs. every night. Is it WTTM in Trenton? The signals are loud and steady, just a Hum and no music."

Raymond W. Brown, Amenia, North Dakota: "Can anyone tell me what station can be heard on 650 kcs. in the early morning. The signal was very weak, with very much interference. The station was not WSM?"

Radex Club Section

By ANNE TENNA

The RADEX Club now numbers 2726 members and is still growing. Our membership is spread over all continents and throughout every state in the U. S. A. The club has at least five members in every state but the five which remain unblackened on our map. One need not be a RADEX subscriber to join the club. Any interested Radio fan may apply for membership. Subscribers are automatically made club members. Anne Tenna has complete charge of club activity. Members may write her c/o RADEX Editorial Office, 105 Highland St., Worcester, Mass.

Greeting Radeexrs:

First on the program for this little session is our official welcome to our new members and to the clubs which with this issue become Associates of our RADEX Club in our campaign to bring about a "United Front" in the DX world.

The National Radio Club of Buffalo, N. Y., a hustling and friendly organization if there ever was one is now an Associate of the RADEX Club. And welcome too, to the Short Wave Listeners' Register of Moosic, Penna., a club exclusively for SWL card swappers. And as for the members, well here they are:

Arizona: Jack Wall, Tucson (2688).

California: Roy Backwan, Sacramento (2723), Melvin See, Santa Barbara (2687).

Connecticut: Daniel Fellin, Waterbury (2716), Harold L. Pulver, New Milton, (2672) H. O. Schloz, Bridgeport (R2669).

Illinois: Jerry Pfeifer Jr. Chicago (R2678), Hilding Gustafson, Rockford, (R2697).

Kansas: Earl Kieffer, Topeka (R2717).

Kentucky: Jim Gish, Louisville (R2714), Carl Vogel, Camp Taylor (R2686).

Louisiana: J. F. Butterworth, Jr., Baton Rouge (R2711).



Massachusetts: Chas. P. Atherton, Marblehead (R2718), Daniel Frumcrin, E. Bridgewater (R2698).

Michigan: Robert Ceizniewski, Bay City (R2506).

Minnesota: James Monsos, Minneapolis (R2724).

Missouri: Robert G. Everding, St. Louis (R2671).

New Jersey: H. N. Montulet, Elberon (R2690), Milton C. Laidlaw, Princeton (R2677).

New York: E. B. Davis, New York City (R2722), G. Werner Fisher, New York City (R2682), Glenwood F. Penslien, Delewan (R2422) Dit & Dah Club, Delewan (R2676), Donald R. Meyer, Boston (R2674), Ernest Tessier, New York City (2725).

Pennsylvania: Andrew Salmonsén, Philadelphia (R2699), Austin B. Wardman, Forest Hills (R2708).

Rhode Island: Frederick Pickett, Foster Center (R2726).

Tennessee: Harvey S. Warren, Kingsport (R2719).

Texas: Don. Arnold, Jr., Randolph (R2715), Charles O. Burch, Port Arthur (R2681).

Vermont: Edmund Davenport. Chittendon (R2712).

Washington: Robert Woods, Seattle (R2713).

Wisconsin: Russell Wellver, Manitowoc (R2668).

Canada: Eric Smith, Sask. (R2702).

Hawaii: Bob Howland, Honolulu (R2710).

CLUB BUSINESS

Most important business before the meeting this month is the Stations Relations Committee and its progress. Plans for this committee were outlined in November and we are happy to report that four members have been appointed and are already contacting stations regarding closer co-operation between those who pursue our hobby and those who make our hobby possible—the broadcasters.

The following are hereby appointed to the Stations Relations Committee and at least two are known to be actively contacting stations:

R868 Nancy Lee Saxton, 6041 Kenmore Ave., Apt. 7, Chicago, Ill. (Illinois)

R2551 Leonard Kruse, Jr., 1316 Garfield Ave., Dubuque, Iowa (Iowa)

R1541 Lincoln A. Mayo, 16 Prefontaine Ave., Montreal South, P. Q. (Quebec)

R1319 Alton Caldwell, 69 Brett St., Brockton, Mass. (Massachusetts)

It will be the duty of the above committee members to contact by mail or personally the chief engineers of stations in their assigned areas. The members will try to determine the stations feelings toward the DX hobby and ask the engineer for suggestions on how relationships may be resumed and how, if possible, the DX-ers can be of any assistance to the stations. They will acquaint the engineer with the RADEX Club's aim to organize all Radio and DX Clubs

into one Association or "United Front" in order to secure a uniform method of reporting to stations, to arrange a system for conducting test programs eliminating the confusing array of letters all stations receive each DX season for courtesy programs.

RADEX and the RADEX Club, remember do not want to eliminate the DX program, nor the courtesy program. But we feel that there should be a uniform system of arranging these programs, rather than have all clubs contact the same stations over a period of a few months. The decision in this matter we feel is up to the broadcaster. Let's find out what he thinks about it, and proceed to act accordingly. Perhaps the radio stations would prefer to arrange their own programs and CPC's could be used to arrange a proper date and to secure a clear channel, rather than to solicit programs. Perhaps an even better method would be to have all DX programs arranged through RADEX or a committee appointed from our Association of DX Clubs, and have each program dedicated to one club until each club has had a dedication, then we would start back at the beginning of the list and do the same thing all over again. This would assure each club of its share of publicity over the air. I do not believe there is glory for a club in claiming the honor of arranging more programs than its fellow-clubs, for in doing this it had undoubtedly offended more stations. It is my belief that stations are getting tired of so many CPC requests for programs—and the discoveries of our SRC (Stations Relations Committee) will, I hope, bear out my beliefs. **SOMETHING HAS TO BE DONE.**

Here is how members of our RADEX Club can help, even though they do not have the time and facilities to serve on our committee. You can let the broadcaster in on what RADEX Club is trying to do when you write for verifications and you can write

your club director (if you belong to clubs other than RADEX Club and its Associates) telling him that you are in favor of the ARDC (Association of Radio and DX Clubs) and that you'd like to have him contact RADEX about becoming Associated with us. And most important of all observe the code of ethics of all RADEX Club members:

- 1.—Include return postage.
- 2.—Send a complete and informative report (Use RADEX forms).
- 3.—Give sufficient program data for verification.
- 4.—Be courteous, ask for, but never demand verification.
- 5.—Make your letter interesting and friendly.

Chet Payfer in a letter to me hits the nail on the head when he says: "The whole hobby hinges upon verifications. I used to be satisfied in merely logging a station, but now that means little to me. My average replies have been good until recently, when no matter how complete a report I give more and more stations fail to reply."

This condition, dear Radexers, is very true—TOO TRUE! Our SRC is beginning operations after much harm has been done. Too many offenses and lack of sympathy for our cause or hobby are causing the broadcasters to neglect DX mail. We must act now. Any member wishing to serve on the committee who can write good sound English and has a typewriter can apply for voluntary work on our SRC (Station's Relations Committee).

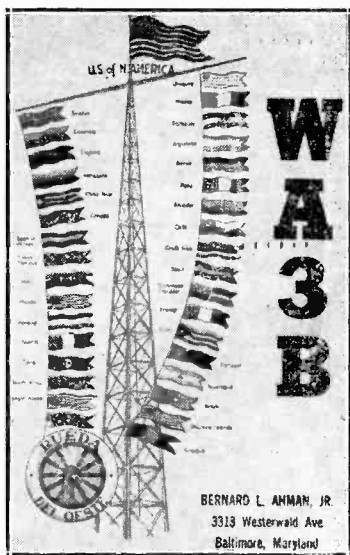
I want to thank Harvey S. Warren for the splendid comments on the subjects we have just discussed. Now let's talk about

CHAPTERS

Bay State Chapter

On Saturday night November 29th, the Bay State Chapter of the RADEX Club was organized at the home of Editor Ray La Rocque, 105 Highland Street, Worcester. Special guest at

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*Rueda del Oeste card used for reporting
by Barney Abman of Baltimore*

the meeting was Stephan Mann (Lakewood, Ohio) who is now at Dartmouth. Feature event of the evening was Steve's tuning and logging of TIBAS on Ray's Hallicrafters, a new one in Costa Rica, which Steve tells us had not been reported by anyone previous to this.

A couple of Time Converters and World Maps were awarded as prize for the most attractive and the most desirable veries at the meeting and Harry Miner and Art Bruder copped them. . . Refreshments were served by yours truly (take a bow Miss Tenna) with the able assistance of Rita (Mrs. Jim Kneeland) and so far no one has complained of any ailments. Other members in attendance were Hal Robie who came all the way from Springfield, and from a still more distant point, Gil Harris of North Adams; then a group comprising of Dan Fummeron, Don and Lloyd Staples journeyed up from East Bridgewater. Bob Skyten and

Desmond Callen also dropped in to say hello, but did not attend the gathering.

The Bay State Chapter will meet in three groups, one in Boston area, another in Worcester area, and still another in Springfield area for the convenience of members who are not able to travel long distances. Joint meetings of all three groups will be held periodically and members can if they so desire attend the meetings of all three groups.

San Francisco-Oakland

Charles C. Norton, 757 Holly St., Oakland played host to a disappointingly small group at what was to be an inaugural meeting at his home on November 28th! RADEX Club members in San Francisco-Oakland area are requested to contact Charles if they are interested a local organization and are cordially invited to attend a second meeting on Friday, January 9th at the above address, and still another on Friday, February 27th. Both meetings are scheduled for 7:30 p.m. What say California members, do you want a small state like Massachusetts to surpass you in chapter activity?

Santa Barbara, Calif.

Radexers in this area are requested to contact Melvin See, 2329½ Castillo St., Santa Barbara, Calif., in connection with the formation of a chapter there.

Pennsgrove, N. J.

RADEX Club members living within travelling distance of Pennsgrove are requested to contact W. R. Knotts (R1923) regarding the organization of a chapter in that district. Address: 88 R. R. Ave., Pennsgrove, N. J.

Washington, D. C.

Members in or around the nation's capital are invited to contact Charles Werdig (R1140), 1619 Irving St., N. E., Washington, D. C., in regard to the formation of a chapter of the RADEX Club.

MAIL BAG

R626, Tenn.3—Bill Scott: "BBC says no verifications are sent because so many stations re-broadcast their programs that it would be too easy to copy one of them."

R2234 and R2221—Joe and Al (Pa.): "We DX on all bands. Have 63 veries in ten months. Best bcb is KOA, sw. —VLG5. We use Sky Champ S20 and 130 ft. Marconi antenna."

R2397—Jack M. Hersey (Pa.): "I'm 16 years old and have been SWL for a year. Think it the greatest of all hobbies. I have two receivers both of them home-made and would like to see more technical data in RADEX."

R2319 — Alton Caldwell (Mass.): "DX here is logged on Sky Champion S-20 with three antennas, one a vertical—30 ft.; one consisting of 200 feet of bell wire strung North and South in the attic; and one V-shaped about 75 ft. in length with lead off the Northeast end."

R997, Wyo.2—L. M. Jensen: "I'd like to see club seals made available as some of us still have some of our own stationery on which we could easily attach a RADEX Club seal."

R2313 — James Wedewer (Iowa): "I use a 7 tube Sky Chief. I have 66 countries logged and 24 verified with reports out to 45. I use 110 ft. NE-SW a-ntenna and best bcb catches are WNEL, 1YA, WPRA, 3LO, KGMB, HJAR, TIEP. My best ones on shortwave are OFE, XGRS, Saigon, Brazzeville, CNR, OPM, CRR7BE, and PMN."

R2509—Harold J. A. Street (Canal Zone): "Please note my change of address as follows: Private Harold Street, 10th Signal Co., Fort Clayton, Canal Zone."

R2364—Gordon King (Ont.): "My receiver is a General 8 tube superhet. I have heard about 100 shortwave broadcast stations in 20 countries. Best catch is VLG5."

R2148—Charles F. Bir (Ind.): "I now have a new 9 tube Airline and have started Radexing aagin. I en-

joy the hobby and RADEX very much."

R2426—Raoul S. Trudell (N. C.): "Recent verification cards are CFRB, COCX, COCH, COK, and WBOS.

R966—Cecil C. Waite (Calif.) "I would like to start a chapter in Fresno, Calif., and vicinity and would like any readers in that area to communicate with me at 4612 Washington Ave., Fresno, Calif."

R2327—Eddie Strakna (Conn.): "I don't think that re-allocation did any good. XEAW is like a local, XENT constantly ruins WRVA, XEG comes through very strong, and now the new XEAU."

George Shaljean (England): "I was RADEX at Frank Lamsley's and without exaggerating I thought it the best radio mag I've seen."

Edward N. Bachman (N. J.): "I have all copies of RADEX since No. 24 (Nov. 1928) saved, and I would not miss an issue."

R2145 — Frank Coryell (Ohio): "KJBS, KMJ, KHQ, KMPC, and KPMC have all been heard on the S-20-R without an aerial—just a ground, the radiator!"

R2006—Buddy Giles: "I am anxiously awaiting the new RADEX Club stationery."

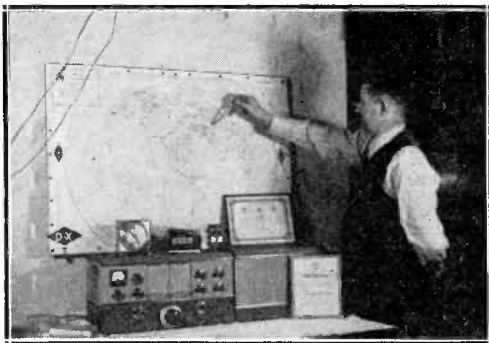
R2422—Glenn Penslien (N. Y.): "The DIT & DAH Club of Delevan, N. Y., is composed of seven SWL's. They meet weekly for two hours having periods of code practice, theory, business, and set construction and ham chatter. The club publishes "The Aerialist" a list of 100% QRA's. The publication being printed on school shop and printing equipment."

Bernard F. Arnold (Ohio): "There is a new club in New Zealand called

the SWL Card Swappers League. Anyone desiring information on the CSL may write to Bernard at 994 Celina Ave., Akron.

Raymond W. Brown (N. D.): "There are now two XEAW's in Reynosa, one on 1010 and one on 1570 kcs."

Peter A. Clarius, (N. Y.): "New stations logged include CFOS, KERN, KEVR, WSRR, WNEB, WOCB, WMRN, WWSR, KDTH, and



Eric A. Bristow, Chicago, at his Listening Post

WGAA. My broadcast band total is no 866 with 765 verified. Shortwave log is 128 with 24 verified."

William J. Wood (Ill.): "Daytime stations logged here are WBAA, WHA, WIL L, WTMJ, WIBA, WKZO, WMRO, WCLS, WJOB, WIBC, WFBM, KRNT."

G. D. Luther (Tex.): "I have been a DXer (BCB entirely) since 1935, starting in Tucson, Ariz., where I had a log of 590 up to 1938. I started a new in Texas in January 1939 and now have 794 stations. Receiver is 6-tube Delco. My best catch is WFLA in Tampa (1040) miles) heard steadily for 15 minutes from 1:45-2 p.m."

PERSONAL

Charles A. Morrison, guiding hand of the IDA, has been appointed Con-

sultant to the Foreign Broadcast Monitoring Service of the FCC. . . . Thanks to Jack Gardner of Cleveland for the letter. Jack is president of the local group known as the Cleveland Radio Club.

Bill Wells of Ontario—R2443 sends us a QRA in England who'd like to join our club. . . . Thanks Harold Whittier for the RADEX Club emblem and seal designs. . . . Ray (Our editor) credited Roger Legge with hearing CRY9 in last issue and Roger says he'd like to hear them but never has! . . . R986—Edgar Keller has been DXing since 1924 and has 1478 BCB verifications, 472 on ham bands, and total of 27 countries verified. R2169, Ed's Pal, Joe E. Gannon want's to hear Hawaii and is very much interestel in grass skirts! Both boys want to correspond with West Coast DXers. They can be addressed at 2847 M. Madison St., and 350 S. Homan Ave., Chicago, respectively.

Charles Ramirez G. of Havana is the first person in Cuba to have asked government permission for construction of a television amateur experimental transmitter. Charles says that soon he expects to have some of his friends doing likewise so that he may be transmitting his picture over the air!

Merlin Steen, once a very active RADEXER, is now in the service of Uncle Sam. His friends can address him a Battery E, 125 F. A., APO 34, Camp Claiborne, La. . . . Barney Ahman informs that Neville Seymour a former RADEX fan and NNRC member has just moved to Cuba. He has been presented a complete phone rig and will soon be on the air as a CO. He has a strong British accent that anyone will recognize.

COMPETITION

This little contest section wil find all regular forms of competition such as Report-O-Mefers, Reporter's Lists, Supremacy Listings, as well as a few

new ones. We hope that readers will keep our listings interesting and exciting by reporting often as their scores change.

BCB Report-O-Meter

Bob Brown	100%
Ernest R. Cooper	97%
James O. Weaver	63%
Caleb Cope	50%
Bill Cunningham	37%

Honorable mention: Len Kruse, Frank B. Lee, Walter E. Welch, Walter Madigan, Benny Miller, Buddy Giles, S. A. Meyer, and Robert Koppelon.

SW Report-O-Meter

Stephen Mann	100%
Ralph Edwards	68%
Alton Caldwell	47%
Robert Skyten	41%
Ralph Kastner	37%
Francis Fellers	37%
Arnold F. Worme	37%

Honorable mention: Bill Macomber and Roger Legge.

Note particularly the closeness by which Bob Brown won first place over Ernie Cooper in the BCB group, and the triple tie for fifth place in the SW group.

Radex Reporter's Race

Using the Report-O-Meter as a basis for comparison I have been keeping a running score with the intention of appointing a group of Of ficial RADEX Reporters at the close of the DX season. First pace in either meter scores 25 pts., second place 15 pts., third place 10 pts., fourth place 5 pts., and fifth place 3 pts. One point is awarded for honorable mention. I am sorry that due to circumstances beyond the control of RADEX we have no Western scores this issue.

Steve Mann	70
Francis Fellers	44
Norman H. Kane	40

Alton Caldwell	36
James O. Weaver	35
Bob Gilchrist	30
Ernest Cooper	30
Roger Legge	29
Morgan B. Iler	25
Bob Brown	25
Ralph Edwards	18
Buddy Giles	12
Len Kruse	10
Peter Clarius	10

By the time next issue rolls around I expect to have much more to list here. I hope to have the all time score of many RADEX readers on both shortwave as well as standard broadcast and ham bands. Send in your score computed on same basis as in the RADEX Contest, that is your total number of verifications multiplied by the total number of countries verified. State whether your score is All Wave, Shortwave, Broadcast, or Amateur.

ASSOCIATE CLUBS

Universal Radio DX Club of Oakland, Calif: URDXC announces the results of its All Wave Contest with Ralph Kastner of New Braunfels, Texas winning the Echophone receiver offered as first prize in the all-wave division.

Ray Dissinger finished first in the shortwave division and received 100 three color SWL cards. . . Roy Miller won first prize in the broadcast band division—a subscription to RADEX. . . Ralph Kastner also finished first in the amateur division and wins 100 three-color cards. There were many other prizes for 2nd, 3rd, and 4th place in each division.

National Radio Club of Buffalo, N. Y.: John C. Kalmbach, secretary-treasurer and Ray Edge, Editor of NRC DX News, both endorse the RADEX Club policy and pledge their support to help in any way to bring about the "United Front" we are seeking for DXers and the good-will of the broadcast stations.

Short Wave Listener's Registry, Moosic, Pa.: "A card for a card" is the motto of this club for SWL card swappers. Records are kept of all members and active QRA's are submitted to all members. In active names are dropped from the list from time to time in order to make the list more useful.

World DX Alliance, New York, N. Y.: No report has been received from this associate club since last RADEX. It is hoped that the club secretary will keep me posted an take advantage of this space awarded by RADEX to all Associate Clubs. I prefer to use items concerning club activity similar to the URDXC report above, or chatter about what members are doing!

Any club that is sympathetic to the cause may be come associated with us and receive the advantage of being listed on our cover, mast-head, and having a space in this section. All you have to do is write to RADEX and state that you want to become part of the Association of RADIO and DX Clubs and that you endorse the policies stated in previous paragraphs under club business.

I sincerely hope you like the enlarged club section of RADEX and that every member will write to me often to keep our section interesting. Use your club number on all correspondence, otherwise you risk being listed as a non-member. So until our next session this is yours truly, Anne Tenna, saying 73 and 88 to all.

Radex Reporters

- R7 Pa. 1; Art Hankins, Latrobe, Pa.
 R36 Mich. 1; Carl Silvester, Columbiaville, Mich.
 R119; B. C. 2; Alfred H. Bacon, Westminster, British, Columbia, Can.
 R600; Steve Mann, Gile Hall, Hanover, N. H.
 R626; Bill Scott, Johnson City, Tenn.
 R695; Frank B. Lee, Wildwood, N. J.
 R739; Kans. 5; Gerald Harris, Kansas City, Kansas.
 R786; Bob Skyten, E. Brookfield, Mass.
 R839; Bill Cunningham, Hollywood, Cal.

- R868; Nancy Lee Saxton, Chicago, Ill.
 R966; Cecil White, Fresno, Cal.
 R997 Wyo. 2: L. M. Jensen, Cowley, Wyoming.
 R1049; S. R. Morss, Bradford, Mass.
 R1088; Ralph Kastner, New Braunfels, Texas.
 R1101; Ga. 4; Tom Moss, Hapeville, Georgia.
 R1140; Chas. S. Werdig, Washington, D. C.
 R1151; Bob Brown, Goshen, Ind.
 R1319; Alton Caldwell, Brockton, Mass.
 R1397; James O. Weaver, Elkhart, Ind.
 R1691; Hal Robie, Springfield, Mass.
 R1722; A. E. Simpson, Mt. Eden S. I. Auckland, N. Z.
 R1741; Harold A. Whittier, Mansfield, Mass.
 R1878; Douglas Gerald, Stapleton, Staten Island, N. Y.
 R1923; W. R. Knotts, Pennsgrove, N. J.
 R1925; Ted Bamberger, Shaker Hts, Ohio.
 R2003; Arnold F. Worme, Brooklyn, N. Y.
 R2006; Buddy Giles, Wichita Falls, Texas.
 R2117; Ralph Edwards, Norristown, Penn.
 R2145; Frank Coryell, Cleveland, Ohio.
 R2148; Charles F. Bir, New Albany, N. Y.
 R2169; Joseph E. Gannon, Chicago, Ill.
 R2193; Bernhard Keiser Webster, Groves, Mo.
 R2194; Stephen Hoffman, Jr., New London, Conn.
 R2220; Lee D. Johnson, Portland, Maine.
 R2228; Francis Fellers, Amherst, Mass.
 R2232; Bill Davidson, Montgomery, Ala.
 R2234; Al. ? Mahaonoy City, Pa.
 R2246; Eugene Gross, Webster Groves, Missouri.
 R2301; Bill Macomber, Salem, Mass.
 R2313; James Wedewer, Dyersville, Iowa.
 R2324; Geo. E. Perrin, Rochester, N. Y.
 R2327; Eddie Strakna, Jewett City, Conn.
 R2336; E. B. Charlton, Baton Rouge, La.
 R2364; Gordon Ling, Belleville, Ont.
 R2347; Geo. Deligantini, San Francisco, Cal.
 R2368; Benny Miller, Spring City, Tenn.
 R2397; Jack Heisey, Philadelphia, Penn.
 R2406; J. Sil Taylor, Knoxville, Tenn.
 R2422; Glenn Penslen.
 R2446; Raoul S. Trudell, Wake Forest, N. C.
 R2437; Warren Brown, Ashaway, R. I.
 R2452; Charles Hoffman, Cincinnati, Ohio.
 R2443; Bill Wells, Hamilton, Ont. Canada.
 R2466; Ed. Hocking, E. Weymouth, Mass.
 R2509; Harold Street, Howard Field, Canal Zone.
 R2533; K. H. Dimion, Greenport, N. Y.
 R2544; John P. Hisgen, Albany, N. Y.
 R2551; Len Kruse, Dubuque, Iowa.
 R2583; Mrs. D. K. Smith, Pacoima, Cal.
 R2605; Walter E. Welch, Lynn, Mass.
 R67?; Lyod Reese, Ridgewood, N. J.
 Ray B. Edge, Buffalo, N. Y.
 Lee Camp, Jr., Moosic, Penn.,
 Chester Payer, Yale, Mich.
 Charles Ramirez, G. Havana, Cuba.
 Charles Atherton, Clifton, Mass.
 Hilding Gustafson, Rockford, Ill.
 Peter Clarins, Port Richmond, N. Y.
 G. D. Luther, Kerrville, Texas.
 Charles A. Morrison, Normal, Ill.
 John Kalmbach, Jr., Williamsville, N. Y.
 C. Garofalo, Corona, I. I., N. Y.
 Joe J. Leser, Great Falls, Montana.
 Ernie Sawyer, W. Medway, Mass.
 Carl Forestieri, Bronx, N. Y.
 Warren Corrigan, Cleveland, Ohio.
 Sylvan Elencweig, Pittsburgh, Pa.
 Bernard F. Arnold, Akron, Ohio.
 Wm. Wood, Oak Park Ill.
 Ernest R. Cooper, Brooklyn, N. Y.
 W. H. Wells, Richmond, Va.
 Robert Hatton, Maywood, Ill.
 Barney Ahman, Jr., Baltimore, Md.
 G. E. Jacques, Hornell, N. Y.
 Robert Koppelon, Newark, N. J.
 Dave Jefferies, Dubois, Penn.
 Raleigh Biss, Banning, Cal.
 Allan Maxwell, Jr., Bloomington, Ind.
 Raymond W. Brown, Armenia, N. Dakota.
 Don Nolde, Chicago, Ill.
 Frank Lewandowski, Chicago, Ill.
 Everett Payette, Monroe, Mich.
 Caleb Cope, Philadelphia, Penn.
 Charles Sutton, Toledo, Ohio.
 Edward Artin, W. Springfield, Mass.
 Harold W. Bower, Sunbury, Penn.
 Elmer L. Gossard, Johnston, Pa.
 Palmer E. Fry, Detroit, Mich.
 J. P. Hisgen, Albany, N. Y.
 Sgt. Brunnund, Fort San Houston, Texas.
 Roger Lege, Binghamton, N. Y.
 Mel Oliver, Bellaire, Texas.
 George Perrin, Rochester, N. Y.
 S. A. Meyer, Laredo, Texas.
 Louis Tamesie, North Bay, Ont.
 Austin B. Wardman, Forest Hills, Pa.
 Homer E. Sink, Buffalo, N. Y.
 Henry Abrams, Philadelphia, Penn.
 Harvey S. Warren, Kingsport, Tenn.
 Desmond Callan, Milton, Mass.
 Charles Risningo, Blackrick, Pa.
 J. E. Gardner, Cleveland, Ohio.
 Ray B. Edge, Buffalo, N. Y.
 Walter Koester, Rutherford, N. J.
 Paul Booshtein, Detroit, Mich.
 Bill Mathers, Detroit, Mich.
 Geoff Shaljean, Mdcc, England.
 LeRoy Swanson, Chariton, Iowa.
 Bernard F. Arnold, Akron, Ohio.
 Marc Javens Howey in the Hills, Florida
 Olevero Laneral, Manila, Phila. Ill.
 Harry V. Miner, Wollaston, Mass.
 H. G. Reid, Manitoba, Canada.
 Pvt. Merlin Stenn, Camp Claiborne, Louisiana.
 Charles C. Norton, Oakland, Calif.
 Melvin See, Santa Barbara, Calif.
 Edward N. Bachman, Englewood, N. J.
 Hon. Meyer Steinbrink, Brooklyn, N. Y.
 Walter Madigan, N. Y. City.
 Caleb Cope, Phila. Penn.
 Norman Kreibel, Marion, N. Carolina.

If you have a club number please use it. If not write today to enlist in our RADEX Club.

Suggestions

"Would it be possible to obtain in one volume, a complete list of World Radio Stations from 500 to 500000 kcs?" Charles S. Sutton, Ohio.

"I have a suggestion regarding membership cards. I would like to see certificates suitable for framing rather than the cards you now use. Members, I'm sure would be willing to pay a few cents for a nice handsome certificate to hang on the wall of their DX shacks."—Ralph Edwards, Pa.

"The 'United Front' is something that DXers have needed for a long time. Under our present system, who, if anyone, has enough backing behind them to do a bit of good for the various grievances that we have? I also agree with Bill Cunningham in regard to listing the political divisions of all Latin American countries. Bob Brown's for a revision of station addresses is fine."—James Weaver, Ind.

South American Stations

BY COUNTRIES AND FREQUENCIES

Central American as well as Colombian and Venezuelan stations are included in our regular index. See this month's changes in station data for latest corrections.

Data is given in order following: Frequency, call, power, slogan (when known), city, and address (if known).

Symbols: * means station has s.w. relay, % means station has b.c.b. relay, @ means station under construction.

Argentina—Semi-Official

BROADCAST BAND

- 580 LV12 5 kw. Radio Aconquija, Tucuman
590 LS10 6 kw. Radio Callao, Buenos Aires
620 LV3 25 kw. Radio Cordoba, Cordoba, San Martin, 74
630 LS3 5 kw. Radio Ultra, Buenos Aires, Cordoba, 653
640 LU12 Rio Gallegos
670 LS4 7 kw. Radio Portena, Buenos Aires, Belgrano, 1841
680 LU4 Comodoro Rivadavia
690 LV4 1/2 kw. Radio San Rafael, Mendoza
710 LS1 5 kw. Radio Municipal, Buenos Aires, Teatro Colon
730 LV1 5 kw. Radio Graffigna, San Juan, Mitre, 1115
750 LRA 10 kw. Radio del Estado, Buenos Aires
780 LT1 20 kw. Radio Litoral, Rosario, Cordoba, 1169
790 LR10 19 1/2 kw. Radio Cultura, Buenos Aires, Florida, 570
820 LV7 1 kw., Tucuman, Mendoza, 437
830 LR5 29 kw. Radio Excelsior, Buenos Aires, Santa Fe, 2043
840 LR8 1/2 kw. Radio Rosario, Rosario, Sarmiento, 958
870 LR6 26 kw. Radio Mitre, Buenos Aires, Santa Fe, 2043
900 LU2 2 kw. Radio Bahia Blanca, Bahia Blanca
910 LR2 12 kw. Radio Argentina, Buenos Aires, Bolivar 1356
950 LR3 50 kw. Radio Belgrano, Buenos Aires, Belgrano, 1841
960 LV2 5 kw. Radio Central, Cordoba, San Lorenzo, 339
970 LV9 Salta
990 LR4 16 kw. Radio Splendid, Buenos Aires, Callao 1526
1030 LR9 5 kw. Radio Fenix, Buenos Aires, Talcahuano, 1186
1070 LR1 50 kw. Radio El Mundo, Buenos Aires, Maipu, 555
1080 LR3 5 kw. Rosario, Puente Boca, 770
1110 LS5 5 kw. Radio Rivadavia, Buenos Aires, Callao, 1526
1120 LV5 6 kw. Radio Los Andes, San Juan, G. Acha, 362
1150 LR8 7 kw. Radio Paris, Buenos Aires, Cangallo, 860
1160 LV5 5 kw. Radio Chaco, Resistencia, Av. 9 de Julio

- 1170 LV11 1 1/2 kw. Radio del Norte, Santiago del Estero
1190 LS2 30 kw. Radio Prieto, Buenos Aires, Bolivar, 356
1200 LT9 1 kw. Radio Roca Soler, Santa Fe
1210 LV10 5 kw. Radio de Cuyo, Mendoza
1230 LS8 15 kw. Radio Stentor, Buenos Aires, Florida, 8
1240 LU7 2 1/2 kw. Radio General San Martin, Bahia Blanca, Sarmiento, 60
1240 1/2 kw., La Rioja
1270 LS9 6 kw. La Voz del Aire, Buenos Aires, Pozos, 439
1300 LU6 1/2 kw. Radio Atlantico, Mar del Plata
1310 LS11 10 kw., La Plata
1320 LT10 1/2 kw. Univ. Nacional, Santa Fe
1340 LT7 1/2 kw. Radio Provincia, Corrientes
1350 LS6 6 kw. Radio del Pueblo, Buenos Aires, Cordoba, 1580
1390 LR11 1/2 kw., La Plata
1440 LS7 10 kw., Buenos Aires
1470 LT11 1/2 kw., Parana

Bolivia—Semi-Official

BROADCAST BAND

- *1040 CP4 10 kw. Radio Illimani, La Paz, Casilla 637
1150 CP10 120 w. Radio La Paz, Casilla 911
*1150 SP32 1 kw. Radio Bolivia, La Paz, Casilla 669
1260 CP4 50 w. Radio La Noche, La Paz
*1390 CP3 5 kw. Radio Nacional, La Paz, Casilla 596
1450 CP8 250 w. Radio America, La Paz

SHORTWAVE

- 6000 CP9 1 kw. Radio America, Oruro
6100 CP11 250 w., Oruro
%6110 CP2 5kw. Radio Nacional, La Paz, Casilla 596
6120 CP15 250 w. Radio El Condor, La Paz
6130 CP22 250 w. Radio Internacional, Cochamba
6135 CP30 250 w. Radio El Oriente, Santa Cruz
%6150 CP12 250 w. Radio Fides, La Paz, Casilla 283
%6200 CP5 1 kw. Radio Illimani, La Paz, Casilla 637
9500 CP1 250 w. Radio Cuhquisaca, Sucre
%9480 CP38 5 kw. Radio Nacional, La Paz, Casilla 596
9510 CP124 250 w. Radio Cultura, La Paz
%9520 CP6 1 kw. Radio Illimani, La Paz, Casilla 637
9550 CP23 250 w. Radio Libertad, La Paz
%9590 CP35 500 w. Radio Bolivia, La Paz, Casilla 669
9700 CP25 500 w. Radio El Norte, La Paz
15165 CP1473 1 1/2 kw. Radio Tupiza, Tupiza, Casilla 13
%15300 CP 1 kw. Radio Illimani, La Paz, Casilla 637

Brazil—Official**BROADCAST BAND**

580 PRC3 250 w. Pelotas, Rio Grande de Sul
 580 PRG5 750 w. Santos, Sa Paulo
 600 PRH2 25 kw. Porto Alegre, Rio Grande de Sul
 620 PRH3 5 kw. Sao Paulo, Sao Paulo
 630 PRJ6 1 kw. Aracaju, Sergipe
 640 PRG6 500 w. Cruzeiro, Sao Paulo
 640 PRF9 5 kw. Porto Alegre, Rio Grande de Sul
 640 PRB8 250 w. Rio Preto, Sao Paulo
 640 PRB8 250 w. Rio Preto, Sao Paulo Grande de Sul
 690 PRC7 3 kw. Belo Horizonte, Minas Gerais
 *720 PRA8 25 kw. Recife, Pernambuco
 730 PRA7 500 w. Ribeirao Preto, Sao Paulo
 740 PRA4 10 kw. Sao Salvador, Baia
 800 PRA2 25 kw. Rio de Janeiro, D. F.
 820 PRD6 250 w. Piracicaba, Sao Paulo
 840 PRF19 5 kw. Sao Paulo, Sao Paulo
 860 PRA3 10 kw. Rio de Janeiro, D. F.
 880 PR13 25 kw. Belo Horizonte, Minas Gerais
 890 PRA6 10 kw. Sao Paulo, Sao Paulo
 900 PRB7 5 kw. Rio de Janeiro, D. F.
 940 PRF4 10 kw. Rio de Janeiro, D. F.
 960 PRF3 5 kw. Sao Paulo, Sao Paulo
 970 PR15 250 w. Presidente Prudente, Sao Paulo
 970 PRD9 250 w. Sorocaba, Sao Paulo
 *980 PRF8 25 kw. Rio de Janeiro, D. F.
 1000 PRB9 25 kw. Sao Paulo, Sao Paulo
 1010 PRG 250 w. Jau, Sao Paulo
 1010 PRB3 500 w. Juiz de Fora, Minas Gerais
 1060 PRD2 10 kw. Rio de Janeiro, D. F.
 1080 PRD7 500 w. Sorocaba, Sao Paulo
 1090 PR12 50 w. Marilia, Sao Paulo
 1100 PRG9 25 kw. Sao Paulo, Sao Paulo
 1110 PR14 10 kw. Joao Pessoa, Paraiba
 1130 PRH8 5 kw. Rio de Janeiro, Brazil
 1160 PRH5 250 w. Pocos de Caldas, Minas Gerais
 1170 PRC9 500 w. Campinas, Sao Paulo
 1170 PRH7 Ribeirao Preto, Sao Paulo
 1180 PRB3 10 kw. Rio de Janeiro, D. F.
 1200 PRB6 10 kw. Sao Paulo, Sao Paulo
 1210 PRG8 250 w. Beru, Sao Paulo
 1220 PRA9 25 kw. Rio de Janeiro, D. F.
 1240 PRB5 250 w. Franca, Sao Paulo
 1240 PRJ2 250 kw. Ponta Grossa, Parana
 1250 PRG4 250 w. Jaboticabal, Sao Paulo
 1260 PRA5 5 kw. Sao Paulo, Sao Paulo
 1280 PRG3 10 kw. Rio de Janeiro, D. F.
 1300 PRE4 5 kw. Sao Paulo, Sao Paulo
 *1320 PRE9 2 kw. Fortaleza, Ceara
 1320 PRD8 1 kw. Niteroi, Rio de Janeiro
 1320 PRH4 500 w. Pelotas, Rio Grande de Sul
 1330 PRC4 500 w. Blumenau, Santa Catarina
 1330 PRF7 500 w. Campos, Rio de Janeiro
 1340 PRH6 3 kw. Belo Horizonte, Minas Gerais
 1350 PR19 100 w. Vitoria, Esperito Santo
 1360 PRC8 5 kw. Rio de Janeiro, D. F.
 1370 PRD4 500 w. Araraquara, Sao Paulo
 1390 PRE5 500 w. Uberaba, Minas Gerais
 1400 PRD5 1 kw. Rio de Janeiro, D. F.
 1410 PRE7 5 kw. Sao Paulo, Sao Paulo
 1430 PRE2 20 kw. Rio de Janeiro, D. F.
 1440 PRH2 5 kw. Curitiba, Parana
 *1450 PRC5 2 kw. Belem, Para
 1450 PRB4 1 kw. Santos, Sao Paulo
 1460 PR18 100 w. Aracatuba, Sao Paulo
 1460 PRF2 250 w. Rio Claro, Sao Paulo
 1470 PRE6 1 kw. Niteroi, Rio de Janeiro
 1470 PRJ4 500 w. Parnaiba, Piaui

1480 PRD3 1 kw. Petropolis, Rio de Janeiro
 1490 PRJ9 5 kw. Sao Luiz, Maranhao
 1510 PR16 100 w. Sao Manoel, Sao Paulo
 1510 PRC6 100 w. Uberlandia, Minas Gerais
 1530 PRJ8 100 w. Barretos, Sao Paulo
 1530 PRF8 100 w. Botucatu, Sao Paulo
 1530 PRJ5 100 w. Limeira, Sao Paulo

SPECIAL STATIONS

1470 ZYA2 500 w. Corumba, Mato Grosso
 1510 ZYA4 100 w. Sao Sebastiao de Paraiso, Minas Gerais
 1590 ZYA6 100 w. Sao Carlos, Sao Paulo
 1650 ZYA5 100 w. Joinville, Santa Catarina

SHORTWAVE

%4865 PRC5 2 kw. Belem, Para
 4895 PRF6 100 w. Manaus, Amazonas
 6010 PRA8 5 kw. Recife, Pernambuco
 6095 PRE3 25 kw. Sao Paulo, Paulo
 6105 PRF9 5 kw. Fortaleza, Ceara
 6105 PRF5 12 kw. Rio de Janeiro, D. F.
 9500 PRF5 12 kw. Rio de Janeiro, D. F.
 9505 PRE8 50 kw. Riode Janeiro, D. F.
 9600 PRF5 12 kw. Rio de Janeiro, D. F.
 10220 PRF5 12 kw. Rio de Janeiro, D. F.
 11720 PRE8 50 kw. Rio de Janeiro, D. F.
 11765 PRE3 25 kw. Sao Paulo, Sao Paulo
 15165 PRE9 5 kw. Fortaleza, Ceara
 15190 PRF5 12 kw. Rio de Janeiro, D. F.
 17850 PRE8 50 kw. Rio de Janeiro, D. F.

NOTE—No slogans were available on Brazil stations.

Chile—Official**BROADCAST BAND**

*CB57 10 kw. Radio Sociedad, Santiago, Casilla 40-D
 CB62 1 kw. Radio Chilena, Santiago, Casilla 107-D
 CA63 250 w. Radio Tarapaca, Iquique, Casilla 209
 CC63 1 kw. Radio Central, Rancagua, Casilla 288
 CB64 1 kw. La Union de Recreo, Vina del Mar, Casilla 1635
 CC64 1 kw. Radio del Sur, Concepcion, Freire, 799
 CC67 100 w. Talca, 1° Sur, 941
 CB68 1 kw. Radio Metro, Vina del Mar, Esmeraldal 1013
 *CD69 1 kw. Radio Sur, Valdivia, Casilla 642
 CB76 10 kw. Valparaiso, Casilla 37-V
 *CB78 1 kw. Santiago, Casilla 13130
 CB84 1 kw. Radio del Pacifico, Valparaiso, Casilla 3555
 CC84 100w. Radio Cultura, Talcahuano, Bulnes, 190
 CD84 1 kw. Osorno, Esq. Mackenna y Matta
 *CB89 1 kw. Radio Orto Becker, Santiago, Casilla 706
 CA90 100 w. Radio Ynesta, Tocopilla, 21 de Mayo, 1665
 CB90 1 kw. Valparaiso,
 CC90 500 w. La Frontera, Temuco, Claro Solar, 801
 *CB93 10 kw. Radio Huckle, Santiago, Casilla 6009
 CB96 200 w. La Voz del Norte, Coquimbo, Casilla 229
 CC96 100 w. Radio Curico, Curico, Merced, 11
 CB101 1.2 kw. Radio Mayo, Santiago, Moneda, 918
 CD101 1 kw. Radio Puerto Montt, Puerto Montt, O'Higgins, 201

CR103 400 w. Valparaiso, Universidad Tecnica
 CD103 100 w. Radio Magallanes, Magallanes, Mexicana, 940
 CB106 1 kw. Radio Sud America, Santiago, Casilla 1346
 CC109 100 w. Radio Rancagua, Rancagua, Independencia, 483
 CB111 10 kw. Radio Los Castanos, Vina del Mar, Av. Los Castanos, 391
 CD111 100 w. Radio Austral, Magallanes, Mogueira, 1277
 CD112 100 w. Radio Osorno, Osorno, Baquedano, 733
 CB113 100 w. Quillota, Subida Baron, 91
 CD113 1 kw. Magallanes, Casilla 447
 CB114 1 kw. Radio del Pacifico, Santiago, Casilla 3591
 CB116 5 kw. Radio Valparaiso, Valparaiso, Prat, 773
 CC117 100 w. Radio Zenith, Concepcion, Colo-Colo 265
 CB118 1 kw. Radio Nacional, Santiago, O'Higgins, 1164
 CB120 1 kw. Diario La Union, Valparaiso, Edwards, 383
 CB124 250 w. Radio Espana, Santiago, Casilla 2626
 CC125 100 w. Radio Temuco, Temuco, Antonio Varas, 828
 CB126 1 kw. Radio Espana, Santiago, Casilla 2626
 CC127 100 w. Radio Alviol, Chillan, Casilla 418
 *CB130 2 1/2 kw. Radio La Americana, Santiago, Casilla 13155
 CB132 1 kw. Radio Wallace, Valparaiso, Blanco, 1116
 CC133 150 w. La Discusion, Chillan, Casilla 14-D
 CB134 1 kw. Radio Condor, Santiago, Moneda, 918
 CD136 100 w. La Voz del Sur, Magallanes, Lautaro Navarro, 133
 CB138 5 kw. Radio El Mercurio, Santiago, Compania, 1214
 CB140 100 w. Radio Onda Azul, San Antonio, 21 de Mayo, 756
 CA141 1 kw. Radio Antofagasta, Antofagasta, Casilla 439
 CC141 100 w. Radio Patria, Concepcion, Caupolican, 370
 CC143 100 w. Radio Atlantida, Talca, Casino Estadio, 4N51
 CB143B 100 w. Radio O'Higgins, Santiago, Nueva York, 81
 CB144C 100 w. Radio Moraga, Santiago, Carvajal, 254-Ovalla
 CC145 100w. Radio La Prensa, Rancagua, Estado, 574
 CB147 1 kw. Radio Zenith, Valparaiso, 12 de Febrero, 162
 CD147 100 w. Radio Alviol, Puerto Montt
 @CB150 Santiago

SHORTWAVE

CB960 1.2 kw. RadioLa Americana, Santiago, Casilla 13155
 CB979 1 kw. Valparaiso, Casilla 37-V
 CB1170 150 w. Radio Otto Becker, Santiago, Casilla 706
 CB1174 kw. Radio Hucke, Santiago, Casilla 6009
 CB1180 1 kw. Santiago, Casilla 40-D
 CD1190 250 w. Radio Sur, Valdivia, Casilla 642

NOTE.—Call letters of Chilean station indicate frequency—just add a zero to number used in call, i. e. CB57 is 570 kes.

Ecuador—Semi-Official

900 HC2ROZ 100 w. Guaquil,
 970 HCBJ 1 kw. Quito, Casilla 691
 1050 HC2AJ 2 1/2 kw. Guayaquil, Casilla 1080
 1100 HC2JSB 20 w. Guayaquil
 1150 HC2FT 300 w. Guayaquil, Casilla 824
 1250 HC2RB 100 w. Guayaquil
 1330 HCQR 300 w. Radio Quito, Quito
 1350 HC2CW 200 w. Guayaquil

Note.—No slogans are given for Ecuador stations in this list.

Paraguay—Official

BROADCAST BAND

*730 ZPA Radio Continental, Asuncion, C. Martinez, 274
 *900 ZP3 Radio Bouquet, Encarnacion
 970 ZP1 1 kw. Radio La Capital, Asuncion, Chile, 461
 1200 ZP1 Radio Charita, Asuncion, L. A. Herrera, 134
 1300 ZP6 Radio Livieres, Asuncion, 15 Agosto y Jejuí
 1330 ZP10 Radio Guaranía, Asuncion
 1385 ZP5 100 w. Radio Paraguay, Asuncion, Estados Unidos, 70
 1430 ZP13 La Voz del Aire, Asuncion, 25 de Mayo, 576

SHORTWAVE

11703 ZP7 Radio Bouquet, Encarnacion
 11850 ZP8 Radio Continental, Asuncion, C. Martinez, 274

NON-OFFICIAL BUT BELIEVED OPERATING

*700ZP15 1 1/2 kw. Radio Cultura, Villarica
 890 ZP9 1 1/2 kw., Asuncion
 11721 ZP14 1 kw. Radio Cultura, Villarica

Peru—Semi-Official

BROADCAST BAND

*854 OAX4A 12 kw. Radio Nacional, Lima, Petit Thouars, 447
 *960 OAX4E 200 w. Radio Goicochea, Lima, Jiron Ocona, 158
 *1100 OAX4I 250 w. Radio Internacional, Lima, Casilla 1166
 *1200 OAX4B 250 w. Radio Grellaud, Lima, Abancay 915
 1250 OAX4L 200 w. Radio Miraflores, Lima, Manco Capac, 347
 *1280 OAX5B 200 w. La Ondas de Ica, Ica, Av. San Luis, s/n
 1370 OAX6C 350 w. Radio Continental, Arequipa

SHORTWAVE

5940 OAX2A 250 w., Trujillo
 5975 OAX4P 250 w., Huancayo
 6035 OAX6B 150 w. Radio Sur, Arequipa, Sucre, 409
 6050 OAX6A Radio Arequipa, Arequipa, Munoz Nayar, 141
 6175 OAX6E 300 w., Radio Continental, Arequipa
 %6082 OAX4Z 15 kw. Radio Nacional, Lima, Petit Thouars, 447
 6128 OAX7A 100 w. Radio Cuzco, Cuzco
 6150 OAX1a 200 w. Radio Delcar, Chiclayo, Casilla 9
 6190 OAX4G 250 w. Radio Grellaud, Lima, Abancay, 915
 6205 OAX3A 350 w. Radio Huanuco, Casilla 27
 %9340 OAX4J 250 w. Radio Internacional, Lima, Casilla 1166
 %9425 OAX5C 150 w. La Ondas de Ica, Ica, Av. San Luis, s/n

9500 OAX6d Radio Continental, Arequipa
 %9558 OAX4K Radio Coicochea, Lima, Iiron Ocona, 158
 %9562 OAX4T 10 kw. Radio Nacional, Lima, Petit Thouars, 447
 %15150 OAX4R 10 kw. Radio Nacional, Lima, Petit Thouars, 447

**Uruguay—Semi-Official
 BROADCAST BAND**

580 CW2 500 w., Florida, 25 de Mayo, 545
 580 CW2A 50 w., Maldonado
 610 CX4 5 kw., Montevideo, Uruguay, 821
 650 CX6 10 kw., Montevideo, Andes, 1465
 680 CW27 250 w., Salto
 690 CX8 500 w., Montevideo, Caigua, 3719
 730 CX10 1 kw. Radio Ariel, Montevideo, 18 de Julio, 1275
 770 CX12 5 kw., Montevideo, Climar, 1364
 810 CX14 5 kw., Montevideo, Climar, 1364
 850 CX16 10 kw. Radio Carve, Montevideo, 18 de Jilio, 928
 890 CX18 10 kw. Radio Sport, Montevideo, Olimar, 1364
 930 CX20 2 kw. Radio Montecarlo, Montevideo, Humberto, 4033
 970 CX22 1½ kw. Radio Fada, Montevideo
 1010 CX24 5 kw. La Voz del Aire, Montevideo, 18 de Julio, 928
 1050 CX26 2 kw. Radio Uruguay, Montevideo, Millan, 2370
 1090 CX28 3 kw., Montevideo, Concencion, 1379
 1120 CW31 250w., Salto
 1130 CX30 1 kw. Radio Nacional, Montevideo, 18 de Julio, 764
 1170 CX32 500 w. Radio A guila, Montevideo, Plaza Libertad, 1334
 1200 CW33 76 w., Florida, Ituzaingo, 355
 1200 CW33A 50 w., Paysandu
 1200 CW33B 50 w., Tacuarembó
 1210 CX34 500 w. Radio Artigas, Montevideo, Millen, 2370
 1240 CW35 250 w., Paysandu, 18 de Julio, 614
 1250 CX36 250 w., Montevideo, Olimar, 1364
 1290 CX38 5 kw. Radio El Mundo, Montevideo, Andes, 1465
 1330 CX40 500 w. Radio Fenix, Montevideo, Cuareim, 1331
 1340 CW19 50 w., Rocah, Plaza Independencia
 1340 CW19A 60 w., Rivera, Ituzaingo, 574
 1360 CW41 50 w., San Jose
 1360 CW41A 50 w., Salto
 1360 CW41B 50 w., Melo
 1370 CX42 500 w., Montevideo, Mercedes, 1039
 1400 CW375 kw., Colonia
 1410 CX44 250 w., Montevideo, Cuareim, 1331
 1430 CW25 500 w., Durazno
 1450 CX46 1½ kw. Radio America, Montevideo, Colonia, 1193
 1470 CW46 100 w., Minas
 1470 CW46A 250 w., Tacuarembó
 1480 CW47A 100 w., San Jose
 1490 CX48 1½ kw. Estacion Feminina, Montevideo, Millan, 2370
 1530 CX50 300 w., Montevideo. Ibicuy, 1285

(Questions)

Eugene Gross, 676 W. Lockwood Ave., Webster Groves, Missouri: "What is the phone call letters of Rio de Janiero, Brazil. 6000 kcs. or 15800 kcs. Is it PS—Also BBC London on about 9800 kcs. It is next to

COCM 9825 kcs. What BBC station heard between 11616 kcs. COK and Montreal or HP5A 11,700 kcs? It is between COK and HP5A. What is the Australian station giving the same program as VLR Melbourne. It begins at 8:15 a.m. EST. in French, then in English at 9:30 EST. and ends at 10 p.m. EST. Signals is on about 9640 or 9650 kcs.

Phillips Parts

H. G. Reid, c/o Bank of Montreal, Brandon, Manitoba, Canada: "I have a Phillips (Dutch) radio and would be glad if you could put me in touch with some firm who could furnish me with a book of instructions and spare parts."

Sgt. A. W. Brummund, Service Co. 38th Inf. Fort San Houston, Texas: "Has H11N on 12490 kcs. an image frequency? What station (Spanish speaking) gumming up the programs of OAX4J on 934 kcs. Lima, Peru? What French speaking station behind GRY and XEYU, on 9600 kcs?"

Eugene Gross, 676 W. Lockwood Ave., Webster, Groves, Missouri: "I am not sure of this one, my magic eye is quite sensitive. On nights of good reception on 31 meter band there is heard DXY 9570 kcs. very powerful. Then by turning dial to the right a slight distance, DXY is not heard except for a weak distortion of it. The eye opens, then the eye shuts again almost to same amount as before and the station gives same broadcast. In a 1941 Radio log magazine (not Radex) a station is listed on 9572 kcs. LKE Jeloy, Norway. Once during a program I heard this station had a pause, while DXY did not. Because of the pause I believe it is Norway. Exactly where is Jeloy? Is it a suburb of Oslo. Also what are the call letters and exact frequency of Monterey, Mexico. station on 7560 kcs. heard around 8 p.m. EST. Where is WGOK located? And I would also like to know a station on 7100 kcs. which is QRMed a lot by code etc. It is Spanish speaking."

(Page 49. please)

The Shortwave Stations

from 2000 to 22000 kcs.

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

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

2000 kcs. band

3000 kcs. band

- 3040 YDA Batavia, N.E.I., 4:30-10:30 a.m., 6-7:30 p. m.
- 3300 YV1RM Coro, Venezuela, "Radio Falcon"
- 3305 VUC-2 Calcutta, India, 10:30 a.m. to noon
- 3310 YV4RX Maracay, Venezuela, "Radio Marconi"
- 3340 YV1RO Trujillo, Venezuela, "Radio Trujillo"
- 3350 YV5RS Caracas, Venezuela, "Radio Libertador"
- 3365 VUB-2 Bombay, India, 9 a.m. to 12:15 p.m.
- 3370 YV1RT Maracaibo, Venezuela, "La Voz de la Fe"
- 3380 YV5RY Caracas, Venezuela, "Radio Continente"
- 3400 YV5RW Caracas, Venezuela, "Radio Tropical"
- 3410 YV3RC 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, "Ondas del Neveri"
- 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

- 4002 CT2AJ* Ponta Delgada, Azores, 5-7 p.m.
- 4273 RV15 Khabarovsk*, U.S.S.R., 4:30-6 p.m., 6:30-7:30 a.m.
- 4700 ZOI Kingston, Jamaica, 5:30-6:30 p.m.
- 4700 IJJEH Buenaventura, Colombia
- 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 Bucaramanga, Vene., "Radio Barquisimeto"
- 4785 HJAB Banranquilla, Colombia, 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
- 4825 HJED Cali, Colombia, 7 a.m. to 1 p.m., 7:10-10:39 p.m.
- 4830 YV2RN San Cristobal, Vene., "La Voz del Tachira"
- 4840 VUC-2 Calcutta, India, 6:30-10:15 a.m.
- 4840 YV1RZ Valera, Venezuela, "Radio Valera"
- 4845 HJCD Bogota, Colombia, 6-11 p.m.
- 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 HJDF 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", 5-10 p.m.
 ZOY Accra, Gold Coast, rarely heard here
 4930 HJAP Cartagena, Colombia
 4945 HJCW Barranquilla, Colombia, 7:30-10 p.m.
 4950 Caracas, Venezuela, "Radiofusora 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, 7-10:30 p.m.

5000 kcs. band

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

6000 kcs. band

6005 HPSK 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. O., 7:45 a.m.-1 a.m., Su. 9 a.m.-11:15 p.m.
 CJCX 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, "Japanese propoaganda sta."
 6017 H13U Santiago, Dominican Rep., 7:10-8:05 a.m., 11:40 a.m.-1:40 p.m., 4:40-
 6:40 p.m., Su. 12:30-2 p.m., 5-6 p.m.
 HJCX Bogota, Colombia, 9-11:30 p. m.
 6020 DJC Berlin, Germany, daily to many continents
 XEUW Vera Cruz, Mexico, 7 a.m. to 1 a.m.
 6025 H11J San Pedro, Domin. Rep., 11:40 a.m., 1:40 p.m., 6-8:30 p.m.
 6030 CFWP 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, "Japanese propoaganda station"
 6033 HPSB 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.
 HPSF Colon, Panama, 7-9 p.m.
 OAX6A Arequipa, Peru, 9:45-10:30 p.m., "Radio Arequipa"
 6055 H1FA 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
 YDD Bandoeng, Java, at 5:30 a. m.
 6065 SBO Stockholm, Sweden, 4:20-4:35 p.m.
 6070 CFRX Toronto, Ont., 7 a.m.-12:30 a.m., Su. 10 a.m.-11 p.m.
 TIWS Puntarenas, Costa Rica, 5-11 p.m., "Ecos del Pacifico"
 6075 GRR London, Gt. Britain, 11:45 p.m.-mid., 12:30-12:45 p.m.
 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.
 ZFY Georgetown, Br. Guiana, 6-6:30 a.m., 3:40-7:57 p.m.
 6082 OAX4Z Lima, Peru, 6 p.m. to midnight, "Radio Nacional"

- 6085 VUD3 Delhi, India, 11:15-11:45 a.m.
 XEBF Jalapa, Mexico, 8-9:30 p.m.
 ZBW2 Hong Kong
- 6090 ZNS2 Nassau, Bahamas, 8-8:15 a.m., 1-1:15 p.m., 6-9 p.m.
- 6090 CBFW Montreal, P. Q., 7 a.m.-11 p.m.
- 6094 ZHJ Penang, St. Settlement, 5:10-9:10 a.m.
- 6095 JZH Tokyo, Japan, 4:30 a.m., "Japan propoganda sta."
- 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 Hankow, China
- 6100 CP2 La Paz, Bolivia, 8-10 a.m., 6 p.m.-mid., "Radio National"
- 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 XEÜZ Mexico City, Mexico, 9 a.m.-p.m., 7 p.m.-2 a.m.
- 6120 WCBX New York, N. Y., not in use.
 WCRC New York, N. Y. (not in operation)
- 6122 HP5H Panama City, Panama, -6:10:30 p.m.
- 6125 MTCY Hsinking, aMnchukuo, 7:30-9:30 a.m. "Japanese propoganda station"
- 6130 CXA14 Montevideo, Uruguay, 6-11 p.m.
- 6130 CHNX Halifax, N. S., 6:45 a.m.-11:15 p.m., Sa. 7 a.m.-11:15 p.m., Su. noon-11 p.m.
- HS4PJ Bangkok, Thailand, 8-10 am.
 VLW Perth, Australia
- 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.
 HJDE 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 CIR0 Winnipeg, Manitoba, 3:30 p.m.-1:30 p.m.
- 6150 TIRH San Jose, Costa Rica, 8-11:30 p.m., "Radio El Mundo"
- 6155 EQB Teheran, Iran
- 6160 HJCD Nueva Granda, 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 HER-3 Schwarzenberg, Switz., 11:35-1:40 a.m., 4-4:30 p.m.
 TILS San Jose, Costa Rica, "Para Ti"
- 6170 WCBX New York, N. Y., not in use
 WCRC New York, N. Y.—new
 ZHP-2 Singapore, St. Settlements, 6:30-9:30 a.m.
- 6180 LRA-2 Buenos Aires, Argentina, 6-9 p.m., Sa., Su., 7-9 p.m.
 GRO London, Great Britain, mornings
 XEXA Mexico City, Mexico, 8-11 a.m., 2:30-4 p.m., 7:30 p.m.-12:45 a.m.
- 6185 TIRCC San Jose, Costa Rica, Tu., Th., Sa. 6-7 p.m., Su. 8-10 p.m., "Accion Catolica"
- 6190 HI1A Santiago, Domin. Rep., 10:40 a.m.-1:10 p.m., 6:40-9:40 p.m.
 HVJ Vatican City, Su. 8:30-9 a.m., Su. We., 9-10:30 p.m.
 JLT Tokyo, Japan, "Japanese propoganda sta."
 OAX4G, Lima, Peru 6 p.m.-mid. "Radio Grelland"
 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.
 GRN, London, Great Britain, afternoons
- 6200 CP5 La Paz Bolivia, 6:30-11 p.m., "Radio Illimani"
 CS2WD Lisbon, Portugal, 3-6 p.m.
 HI8Q Trujillo, Domin. Rep.
- 6205 OAX3A Huanuco, Peru, after 11 p.m., "Radio Huanuco"
- 6233 HRD La Ceiba, Honduras, 8-11 p.m., Sa. 8 p.m.-1 a.m., Su. 4-6 p.m.
- 6245 HI1N Trujillo, Domin. Rep., 5:10-10:10 p.m.
- 6255 CPI2 La Paz, Bolivia, 7-9 p.m.
- 6270 YSR San Salvador, Salvador, evenings.
- 6285 FIG Yaounde, Cameroon, at 3:30 a.m.
- 6310 HI1Z Trujillo, Domin. Rep., 11:40 a.m.-12:40 p.m., 5:10-7:40 p.m., ex. Su.
- 6340 HUG 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
- 6384 ZIZ Basseterre, St. Kitts, 4-4:45 p.m., We. 7-7:30 p.m.
- 6395 HI9B Santiago, Domin. Rep., 7:40-8:40 p.m.
- 6396 COX-7 Havana, Cuba, 2-3, 6-10:30 p.m., Fr. 8-11 p.m., Sa. 8 p.m.-1 a.m., Su. 7:30 a.m.-3 p.m.
- 6400 TGQA Quetzaltenango, Guat., Mo. only
- 6430 HI1S Santiago, Domin. Rep., 5:40-9:10 p.m., ex. Su.
- 6435 ... Dakar, Fr. W. Africa, at 8:15 a.m. and 3:15 p.m.
- 6455 COHI Santa Clara, Cuba, 6:42 a.m.-12:15 a.m.
- 6480 TGWB Guatemala City, Guat., 7:45-9 a.m., 12:45-3:45 p.m., and 5:30 p.m.-12:15 a.m.

6500 H11L Santiago, Domin. Rep., 5:30-9:30 p.m., ex. Su.
 6540 YN1GG Managua, Nicaragua, 1-2:30, 8-10 p.m.
 6555 HI9T Puerto Plata, Dom. Rep., 10:40 a.m.-2:10 p.m., 44:40-10:40 p.m.
 6558 H14D 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 Guyaquil, Ecuador, Su. 5:45-7:45 p.m., Tu. 9:15-11:15 p.m.
 6675 HBQ Geneva, Switzerland, Su. 1:45-2:45 p.m.
 6700 TIEP San Jose, Costa Rica, 7 p.m.-mid., "La oz dey Pacifico"
 6720 PMH Bandoeng, Java, 4:30-11 a.m., Su. 8:30 p.m.-1 a.m., 4:30-11 a.m.
 6730 H13C La Romana, Domin. Rep., 4:55-8 p.m.
 6790 PZH Paramaribo, Suriname, Mo. & Th. 6:30-7:30 p.m.
 6810 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 VQF Kuching, Sarawak, Fri. at 7:40 p.m.

7000 kcs. band

7035 ——— "Voz Espana," Valencia, Spain, 5-6 p.m.
 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 YDX Medan, Sumatra, 10:30 p.m.-2 a.m.
 12RO-11 Rome, Italy afternoons, "Fascist propaganda sta."
 7230 GSW London, Gt. Britain, 12:45-1:15 a.m., 3-5 a.m., 6-10:30 a.m., 10:55 a.m.-5:45 p.m.
 7240 VUB2 Bombay, India, 9:30-11:30 p.m.
 7240 DXJ Berlin, Germany, Almost continuous operation. "Nazi propoganda sta."
 7250 ZHP3 Singapore, St. Settlements, 6:30-9:40 a.m.
 YDA Batavia, Java, 10:30p.m.-2 a.m., Sa. 7 p.m. to 2 a.m.
 VLQ9 Melbourne, Australia, 7:20-8:05 a.m.
 7258 JVV Tokyo, Japan, 2-4 p.m., "Japanese propoganda sta."
 7260 CSW8 Lisbon, Portugal, Tu., Th., Sa., 5-6 p.m.
 GSU London, Gt. Britain, 12:15-1:15 p.m.
 7270 DXM Berlin Germany, mornings, "Nazi propoganda sta."
 7285 JLG, Tokyo, Japan, "Japanese propoganda sta."
 7290 DJI Berlin, Germany, 5-5:15 a.m., "Nazi propganda sta."
 VUD-2 Delhi, India, 9:30 p.m.-mid.
 7295 JIE Taiwan, 9-10:30 a.m.
 7300 ——— Ponta, Delgada Azores, 3-4 p.m.
 7310 12ROI9 Rome, Italy, 8-10:30 p.m.
 GRJ London, Great Britain, afternoons
 7440 FG8AA Pointe-a-Pitre, Guade., 6-7 p.m., Su. 9:30-11 a.m.
 7440 GRB London, Great Britain, afternoons
 7450 TI2RS San Jose, Costa Rica, 7-11 p.m.
 7490 YN2FT Granada, Nicaragua, 8-10 p.m.
 7520 KKH Kahuku, Hawaii, Sa., Su. 8:30-9 p.m.
 7620 YNLAT Granda, Nicaragua, 8-10:15 p.m.
 7660 YNDG Leon, Nicaragua, 8:30-9:30 p.m.
 7854 HC2JSB Guyaquil, Ecuador, 11 a.m.-2 p.m., 4-11 p.m.
 7865 SUX Cairo, Egypt, 12:30-1:30 p.m., also at 7 p.m.
 7894 YSD San Salvador, El Salvador, 7-10:30 p.m.
 7930 PSL Rio de Janeiro, Brazil, 6-7:05 p.m.
 7968 HSP6 Bangkok, Thailand, 7-11 a.m.

8000 kcs. band

8000 FIA-6 Douala, Fr. Cameroons, 1:15 p.m. "Radio Cameroons"
 8030 CNR Rabat, Morocco, "Radio Maroc" around 3 p.m.
 8030 FXE Beirut, Lebanon, "Radio Levant" 12-12:30 a.m.
 8200 PSK Rio de Janeiro, Brazil, 5:45-7 p.m.
 8275 COCX Havana, Cuba, 8 a.m.-mid.
 8480 XPSA Kweivang, China, at 4:00 a.m.*
 8500 ——— Brazzeville, Fr. W. Africa, "Radio Club" 5:30 a.m. and 1 p.m.
 8585 YNRS Managua, Nicaragua, until 10:45 p.m.
 8700 COCO Havana, Cuba, 7:50 a.m.-12:5 a.m.
 8790 KZND Manila, P. I., "Voice of the Commonwealth"
 8960 TPZ2 Algiers, Algeria, 1:30-2:3 p.m., 4-6 p.m.
 COKG Santiago, Cuba, 5-9:50 p.m.

9000 kcs. band

9030 COBZ Havana, Cuba, 7:45 a.m.-mid., Su. 7:45 a.m.-1 a.m.
 9045 ——— Syria*, "France Libre d'Orient" at 9:30 a.m.*
 9125 HAT4 Budapest, Hungary, 7-8:00 p.m., Sa. 6-7:30 p.m.
 9190 HC2ET Guyaquil, Ecuador, 8-10 p.m., Su. 8:30-10:30 p.m.

- 9295 HI2G Trujillo, Dominican Rep., 6:40-8:40 a.m., 11:40 a.m.-2:10 p.m., 3:40-4:40 p.m.
- 9320 FHK Libreville, Gabon, 4-6:15 p.m.
- 9340 OAX4J Lima, Peru, Noon-3 p.m., 5 p.m.-mid., "Radio Internacional"
- 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.
- 9375 — Zanzibar, 2:30 and 5 p.m. "Zanzibar Calling"
- 9380 HCJR Quito, Ecuador, Sa. 8-11 p.m. (hrd. on 9435 kcs.)
- 9395 FGA Dakar, Fr. West Africa, 3:15-4 p.m., "Nazi Propoganda Station"
- COCH Havana, Cuba. 6:40 a.m.-mid.
- 9445 HCODA Guyaquil, Ecuador, 8:15-10:15 p.m., ex. Su.
- 9450 GRU London, Gt. Britain, 8:45-11:30 a.m.
- 9455 OAX6D Arequipa, Peru, evenings, "Radio Continental"
- 9465 TAP Ankara, Turkey, 9-10 a.m., also reported 2 p.m.
- 9470 CR6RA Luanda, Angola, Tu. We., Sa., 2:30-4 p.m.
- 9475 VONG St. Johns, Nfld., 9 a.m.-2 p.m.
- 9480 — "Gustav Siegfried Eins" Anti Nazi Station
- 9480 CP38 La Paz, Bolivia, 8-10 a.m., 6 p.m.-mid.
- 9492 KZIB Manila, Philippines, 10 a.m. and 6-11 p.m.
- 9500 OFD Helsinki, Finland, 1:15 p.m.*
- XEWX Mexico City, Mexico, 7:45 a.m.-12:45 a.m.
- XGOY Chungking, China, 3-5:30 a.m.
- 9505 Belgrade, Roumania, 1:45-4:15 p.m.
- CP-1 Sucre, Bolivia, 7-9 p.m., "Radio Cuquiosoca"
- 9510 GSB London, Gt. Britain, 9:45-11:35 p.m., mid.-3:15 a.m.*
- 9517 XEDQ Guadalajara, Mexico, 1 p.m.-mid.
- 9520 RV96 Moscow, U.S.S.R., evenings.
- "V" Paris, France, 4:30-11 p.m., "Pro-Vichy censored news"
- ZRH Capetown, So. Africa, 11:45-1:45 a.m.
- 9525 DXY* Berlin, Germany, daytimes", "Axis propoganda sta."
- ZBW3 Hongkong, China, 5-10 a.m., 11:30 p.m.-1:15 a.m., Su. 5-9:30 a.m.
- HMV, Bratislavia, Solvackia, Mon, Wed, Fri., Sat., 6-7 p.m.
- 9530 WGFO Schenectady, N. Y., 3 p.m. to mid.
- 9532 COCQ Havana, Cuba, 7:30 a.m.-mid.
- 9535 JZI Tokyo, Japan, 7:30-8:30 p.m., "Japanese propoganda sta."
- SBU Stockholm, Sweden, 4:20-4:35 p.m.
- HER4 Berne, Switzerland, evenings to 9:10 p.m.
- VPD2 Suva, Fiji Islands, mid.-12:30 a.m.
- 9543 XEFT Mexico City, Mex.
- 9545 NTCY 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.
- WGFA Schenectady, N. Y., 6:15-9:15 p.m.
- YDB Soerabaja, 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 7:20-8:05 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., "Radio Nacional"
- XEFT Vera Cruz, Mexico, 7:30 p.m.-mid.
- XEFT Vera Cruz, Mexico, 7:30 p.m.-mid.
- 9560 DJA Berlin, Germany, mornings, "Nazi propoganda sta."
- 9560 XEFA Monterrey, Mexico, 10 a.m.-mid.
- VLW2 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.
- Moscow, U. S. S. R., 6:30-7:30 p.m., "Radio Center"
- 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., "Nazi propoganda sta."
- KZRM Manila, Philippines, 4:30-7 p.m., 11 p.m.-1 a.m., and 4-10:15 a.m.
- VUM2 Madras, India, 3-4:30 a.m.
- WBOS Boston, Mass.
- 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., "Radio la Americana"
- 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, "Japanese propoganda sta."
- 9607 HP5J Panama City, Panama, 7-8 a.m., noon-1:30 p.m., 6:30-10:30 p.m.
- 9610 DXB Berlin, Germany, 4:50-10:45 p.m. (Span.) "Nazi propoganda sta."
- RW99 Inkutsk, U.S.S.R.—until 11 a.m.
- 9615 VLQ Sydney, Australia, 2-2:30 a.m., 3:25-4:25 a.m., 10:30 a.m., 2-3:03 p.m.
- ZRL Capetown, U. of So. Africa
- 9620 TIPG, San Jose, Costa Rica, 9-9:30 a.m., 12-2, 6-11:30 p.m., "La Voz de la Victor"
- CXA-6 Montevideo, Uruguay
- XEWQ Mexico City, Mex. evenings

- 9625 CXA6 Montevideo, Uruguay, 10:30 a.m.-1:30 p.m., 3:30-9:30 p.m.
 12RO3 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.
 JFO Taihoku, Taiwan, 4-10:30 a.m., "Japanese propoganda sta."
 YV5RN Caracas, Venezuela, evenings "Radio Caracas"
- 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 Colonia, Uruguay, 5 a.m.-10:45 p.m., Sa. to 1 a.m.
 9645 LLH Oslo, Norway, 9-10 p.m.
 XGOY Szechwan, China, 1-3, 8-9:30 a.m.
 JLT-2 Tokyo, Japan, "Japanese propoganda sta."
 ... European Revolution Station, 2-4-6-7 and 12 p.m.
- 9650 DJW Berlin, Germany, 3:15-4:30 a.m., 8:30-9:45 p.m., Th. 8:30-9:45 p.m.
 HVJ Vatican City, Su. 5-5:30 a.m., 8:30-9:45 p.m., Th. 8:30-9:45 p.m.
 VLW-2 Perth, Australia, 9 a.m.
 WCBX New York, N. Y., not in use.
 WCRW 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., "Facist propoganda sta."
 KGEI San Francisco, Cal., 7-18 a.m.
- 9675 DJX Vienna, Germany, 10:40 a.m.-4:25 p.m. "Nazi propoganda sta."
 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 JIE3 Tyureki, Taiwan, at 9:30 a.m.* Japanese propoganda sta."
 9703 ... Fort de France, Martinique, 5:30-8 p.m.
- 9715 TIANRH Heredia, Costa Rica, Tu., Th., Sa. 9-10 p.m., Su. 7-8 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.
 9750 — "Radio Inconnu" ? France, 2:30 p.m., Anti-Vichi Sta. *
 9760 I2RO18 Rome, Italy, 9-10:30 p.m., "Facist propoganda station."
 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, 5:20-5:40 a.m., noon-12:25 p.m., 1:50-2:30 p.m., 6-7:25 p.m., "Facist station."
- 9825 COCM Havana, Cuba, 8 a.m.-mid.
 9830 CR7BE Lourenzo Marques, Mo-Zambique, 2-4 p.m.
 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.
 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.* "Nazi propoganda sta."
 10040 XOZS ... 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.
 10170 FIA Douala, Fr. Cameroons, 5:45 a.m., "Radio Cameroons"
 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.) "Nazi propoganda station."
- 10300 ORK Brussels, Belgium, 7:30-8:30 p.m. (Ger.)
 10350 LSX Buenos Aires, Argentina.
 10400 YSLA 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. Cameroons, 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, Anogia, 2:30-3:30 p.m., "Radio Club Benguela"
 10660 JVN Tokyo, Japan, 1:50-7:40 a.m., "Japanese propoganda sta."
- 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.

- 11402 HBO Geneva, Switzerland, 7:45-9:15 p.m.
 11460 COCY Havana, Cuba, noon-mid., RHC Cadena Azul.
 11500 CLB-11 Havana, Cuba, evenings*
 11505 ——— "Radio Libertad," Italy
 11515 PZX Paramaribo, Suriname, 6:30-7:30 p.m. on Mon. & Th.
 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 Andorra, "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., "Radio Otto Becker"
 HP5A Panama City, Panama, 7-10:40 a.m., 5-10:45 p.m., Su. 6-10:45 p.m.
 IQY Rome, Italy, 5:20-5:40 a.m., 1:50-2:30 p.m., "Facist propoganda sta."
 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, "Japanese propoganda sta."
 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.
 11710 VLG3 Melbourne, Australia, 12:56-1:40 a.m.
 11715 HSP5 Bangkok, Thailand, 8:58-10 a.m.
 11718 CR7BH Lourenzo Marques, Mozambique, 12-1 a.m., 4:30-6:30, 9:30-11 a.m.,
 12-4 p.m., Su. 4-7 a.m., 10 a.m.-2 p.m.
 11720 ZPAJ Asuncion, Paraguay, 6:45-7:45 p.m., "Radio Difusora del Telefono"
 11725 JVV5 Tokyo, Japan, 9:9:30 a.m., "Japanese propoganda sta."
 117300 OQ2AA Leopolddville, 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 Lambester, Norway, until 4:30 p.m., "Nazi propoganda sta."
 11740 HVJ Vatican City, Su. & Th. 8-9:30p.m.
 CB1174 Santiago, Chile, 6-11 p.m., Su. 6-10:30 p.m., "Radio Hucke"
 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 12RO15 Rome, Italy, 11:40 a.m.-2:40 p.m., 3-3:30 p.m., 5:30-6 p.m.
 VLR8 Melbourne, Australia, at 3:30 a.m.*
 RV - New, U.S.S.R.* 10:30 a.m. to noon
 XCDN Shanghai, China, 6-10 a.m.
 11765 "Radio Kizora' Sao Paulo Brazil, 7:30-10:15 p.m.
 11770 DJD Berlin, Germany, 10:30 a.m.-4:30 p.m., 4:50-11 p.m., "Nazi propoganda
 station"
 ZTF 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 Sagon, Fr. Indo China, 6-9:30 a.m., 10:30-11 a.m., 7-7:20 a.m., "Axis
 propoganda Station."
 HP5G Panama City, Panama, Noon-1 p.m., 6-10 p.m.
 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 JZ1 Tokyo, Japan, 6:30-9:30 a.m. 6:6:30 p.m., "Japanese propoganda
 station"
 DJZ, Berlin, Germany, 3:30-4 p.m., "Nazi propoganda stat."
 11810 12RO4 Rome, Italy, 4:30-9 a.m., 10 a.m.-2 p.m., 6-7:25 p.m., 7:30-9 p.m.,
 "Facist station."
 11815 JVZ Tokyo, Japan, 6:30-9:30 a.m.
 11820 GSN London, Gt. Britain, 6-10:30 a.m., 12:15-1:15 p.m.
 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 I.RA-5 Buenos Aires, Argentina, 4-4:30 p.m.
 WCBX New York, N. Y., not in use.
 VUD4 Delhi, India, 9:05 p.m.-mid., 1-4:25 a.m., 6:30 a.m.-12:15 p.m.
 VLW3 Perth, W. Africa, 1-5 a.m.
 WCBX New York, N. Y., 1-3:30 p.m., 6:30-10:45 p.m.
 WCRC New York, N. Y.
 11840 VLR7 Melbourne, Australia, at midnight and early morning
 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 XMHA Shanghai, China, 11 p.m.-1 a.m., 5-11 a.m.
 DJF Berlin, Germany, 12:05-2 a.m., 4:50-10:50 p.m., "Nazi propoganda sta."
 11860 GSE London, Gt. Britain, 5:40-10:30 a.m., 10:55 a.m.-1 p.m.
 11865 HFR5 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., "Japanese propoganda
COGF Matanzas, Cuba, 9 a.m.-11:30 p.m.
- VLG-5 Sydney, Australia, 12:55 a.m.-1:45 p.m., 10:25-11:10 a.m., 2-2:30 p.m.
3:25-4 p.m., 4:55-5:45 p.m.
- Berlin, Germany, afternoons, "Nazi propoganda sta."
- 11890 WNBI New York, N. Y., 8:15 p.m. to 1 a.m.
- 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 CD-1190 Valdivia, China, 1 a.m.-1 p.m., "Radio Sur"
- 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., "Anti-Axis
station."
- 11930 XCDN 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 IRS, Shanghai, China, 5-7:45 a.m., "Facist propoganda sta."
- 12000 kcs. band**
- 12000 RNE Moscow, U.S.S.R., 6-8 p.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.
- XGRS 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.
- 12235 TFJ Rejkjavik, Iceland, Sun. afternoons
- 12450 HCJB Quito, Ecuador, 5-10:30 p.m.
- 12480 "Radio Club" Brazzeville, Fr. Eq. Africa, 1, 2, 3, 5:30, 7:30, 8:30
a.m., and 1, 3:30 p.m.
- 12490 HI-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., "Nazi propoganda
station"
- 13900 YNDG Leon, Nicaragua, Su. 2:50 p.m.*
- 14000 kcs. band**
- 14400 Ponta Degada, Azores, not in use.
- 14460 DZH Berlin, Germany, 4-8 a.m., "Nazi propoganda sta."
- 14600 JVH Tokyo, Japan, 7-8 a.m., "Japanese propoganda sta."
- 14630 PLJ Bandoeng, Java, We. 6:45-8:15 p.m., 8:40-10:15 p.m.
- 14635 HBJ Geneva, Switzerland, 7-10:45 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, "Japanese propoganda sta."
- 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 RK1, Moscow
- 15105 JLG-4 Tokyo, Japan, 6-6:30 p.m., "Japanese propoganda station"
- 15110 DJL Berlin, Germany, 12-2 a.m., 10:40 a.m.-4:25 p.m., "Nazi propoganda
station."
- 15120 CSW-4 Lisbon, Portugal, 7-9 a.m.
..... Athlone, Ireland, "Radio Eiran" 12:30-1 p.m. & 6:30 a.m.
HVJ Vatican City, Tu. 8:30-9 a.m., 10-10:30 a.m., Su. 1-1:30 p.m.,
We. 8:30-9 p.m.
- DXH-2 Berlin, Germany, 6-11 a.m., "Nazi propoganda sta."
- 15130 WRUL Boston, Mass., 7:15-11 p.m.
- WRUW Boston, Mass.
..... RV- - New U.S.S.R., 6-11 p.m.
- 15135 JLU-3 Tokyo, Japan, 8-9:30 a.m., "Japanese propoganda sta."
- 15140 GSF London, Gt. Britain, 7:15-11:30 a.m.
- 15150 WNBI New York, N. Y.,
- 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 DXS Berlin, Germany, till 10:45 a.m., "Nazi propoganda sta."
JZK Tokyo, Japan, 8-10 p.m.
- 15165 CP43 Tupiza, Bolivia, 6-9:30 p.m., "Radio Tupiza"
- PRE9 Fortaleza, Brazil, 8:40-11 a.m.
- 15170 TGWA Guatamala City, Guat., 12:45-2 p.m.
- 15175 OQ2AA Leopoldville, Bel. Con., 1:55-2:15 p.m., 5:55-7:15 a.m.

- 15180 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., "Nazi propoganda."
- 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 TAO Ankara, Turkey, 6-630 a.m.
- 15200 DJB Berlin, Germany, 6-8:45 a.m., 11:30, 11:45 a.m., 12:30-12:45 p.m., 4:50-11, "Nazi propoganda."
- 15210 RV96 Moscow, U.S.S.R., 6-8 p.m.
- 15220 PCJ-2 Amsterdam, Netherlands, 6:30-10:45 a.m., 3-10:45 p.m.
- 15225 JLT-3 Tokyo, Japan, 10-11 p.m., "Japanese propoganda sta."
- 15230 I2RO-14 Rome, Italy, at noon "Facist propoganda sta."
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., "Pro-Axis station"
- 15242 RV - New, U.S.S.R. until 3 p.m.
- 15250 CR7BD Lourenzo Marques, Mozambique, 4:30-6:30 a.m., 9:30-11 a.m.
Noon-4 p.m.
- DXT, Berlin, Germany, "Nazi propoganda sta."
WLWO Cincinnati, 8-11 a.m.
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., 1-6 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., "Nazi propoganda sta."
- 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 LRU 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., "Facist propoganda sta."
CXA-13 Montevideo, Uruguay
MTCY Hsingking, Manchukuo, 3:3:50 p.m., "Japanese propoganda sta."
- 15315 VLO3 Sydney, Australia,
- 15320 WRUJ Boston, Mass.,
YDB Soerabaja, Java, 4:30-10:30 a.m., 6-7:30 p.m.
WRUW Boston, Mass., afternoons
- 15325 JLT3 Tokyo Japan, 9-10:30 p.m., "Japanese propoganda sta."
- 15330 WGEA Schenectadv. 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., "Fascist propoganda sta."
- 16200 RV - Moscow, U.S.S.R., Su. 10-11 a.m.
- 15300 DJO Berlin Germany, 12:05-11:10 a.m., 4:50-8:59 p.m. (Port.) "Nazi prop."
- 15300 I2RO-6 Rome, Italy, Noon-1:15 p.m., 8-11 p.m., "Facist prop. sta."
- 15330 WGEA Schenectady, N. Y., 11:15 a.m.6 p.m.
- 17000 kcs. band**
- 17750 WRUL Boston, Mass., Noon-2:45 p.m., ex. Sa. 10:30 a.m.-1:30 p.m. & Su.
- 17760 DJE Berlin, Germany, "Nazi propoganda sta."
- 17780 WRCA New York, N. Y., 9 a.m.-6:15 p.m.
- 17790 GSG London, Great Britain
- 17795 JLU-4 Tokyo Japan, "Japanese propoganda station."
- 17800 OIH Helsinki, Finland, not in use
TGWA Guatamala Citz, Guatamala, not in use
WLWO Cincinnati, Ohio
- 17810 GSV London, Great Britain, mornings.
- 17820 I2RO-8 Rome, Italy, "Facist propoganda sta."
- 17830 LRA-5 Buenos Aires, Argentina Fr. at 4 p.m.
WCBX New York, N. Y., 3-6 p.m., 6:30 p.m.-mid.
- 17840 HVJ Vatican City
..... Athlone, Eire, 12:30-1:15 p.m.
- 17890 GRP London, Great Britain. 6-11:30 a.m. (Sp.)
- 19590 I2RO-17 Rome, Italy, "Facist propoganda sta."
- 21000 kcs. band**
- 21470 GSH London, Great Britain, mornings.
- 21500 WGEA Schenectady, N. Y., 8-11 a.m.
WCBX New York, N. Y., 3-6 p.m., 6:30 p.m.,mid.
WCRC, New York, N. Y., not in use
- 21530 GSI London, Great Britain
- 21540 WBOS Boston, Mass.
- 21550 OIH Helsinki, Finland, not in use
- 21565 DJJ Berlin, Germany, "Nazi propoganda sta."
- 21570 WCBX New York, N. Y., 7a.m. 2:30 p.m.
WCRC New York, N. Y., not in use
- 21630 WRCA New York, N. Y.
- 15310 GSP London, Gt. Britain, 10-10:55 a.m., 2:30-5 p.m.
RW97 Novosibirsk, U.S.S.R. until 4 p.m.
- 21680 HAD Budapest, Hungary, "Nazi propoganda sta."

MONTH'S CHANGES IN STATION DATA

Frequency and Power

590 from — WKZO, 1000-5000 w.
 590 from 1390 XEAZ, no change
 600 from — TIGPH, 1000-6500 w.
 640 from — HOK, — to 250 w.
 690 from — TIGH, 1000-2000 w.
 740 from 1320 KTRH, no change
 790 from 1230 KVOS, 250-1000 w.
 900 from 1320 KLCN, no change
 920 from 1230 KFJX, 250-500 w.
 960 from 1490 CKWS, 100-10000 w.
 980 from 680 XECA, no change
 1010 from 740 KQW, 5000-1000 w.
 1060 from 1400 CJOC, 250-1000 w.
 1300 from — XES, 5000-250 w.
 1320 from 1340 XEBK, no change
 1340 from 1170 XELW, no change
 1370 from — XEA, 250-1000 w.
 1390 from — KGER, 1000-5000 w.
 1390 from 590 XEKN, no change
 1410 — WNBC, 1000-5000 w.
 1420 from 1400 XEWE, no change
 1450 from — KMYC, 100-250 w.
 1450 from — WAOV, 100-250 w.
 1580 from 1240 CBJ, no change

New

550 XEPX La Paz, B. Cfa. 250 w.
 557 TI5JJM Alajuela, Costa Rica. 1500 w.
 580 ———— Guadalajara, Jalisco. 1000 w.
 590 XEHQ Hermosillo, Son. 300 w.
 630 ———— Tapachula, Chiapas. 100 w.
 655 TIBAS San Juan de Tibas, C. R. 8000 w.
 720 YV5RH Caracas, Venezuela. 1000 w.
 735 TIMC Cartago, Costa Rica. 700 w.
 750 TIVP San Jose, Costa Rica. 500 w.
 770 KOB Albuquerque, N. Mexico. 50000 w.
 775 TILJ San Jose, Costa Rica. 450 w.
 780 YSP San Salvador, El Salvador. 115 w.
 790 KVOS Bellingham, Washington. 1000 w.
 800 TIGH2 San Jose, Costa Rica. 3000 w.
 880 TILS San Jose, Costa Rica. 5000 w.
 920 TIRS San Jose, Costa Rica. 400 w.
 920 XEJZ Torreon, Coah. 100 w.
 920 YNLG Managua, Micaragua. 100 w.
 930 ———— Washington, N. C. 1000 w.
 93 TIOS San Jose, Costa Rica. 500 w.
 950 VOAR St. Johns, Newfoundland. 25 w.
 970 TIRH San Jose, Costa Rica. 500 w.
 1000 TIFA San Jose, Costa Rica. 250 w.
 1005 VOCM St. John's, Nf'id. 250 w.
 1010 XEAW Reyosna, Tamps. 50000 w.
 1045 TISMG San Jose, Costa Rica. 500 w.

1070 TINBC San Jose, Costa Rica. 5000 w.
 1080 ———— Louisville, Ky. 1000 w.
 1150 TIHZ San Jose, Costa Rica. 1000 w.
 1150 XETJ Tepatitlan, Jal. 100 w.
 1240 XEMQ Merida, Yucetan. 250 w.
 1250 XEDL Hermosillo, San. 500 w.
 1250 XESJ Saltillo, Coah. 1000 w.
 1330 ———— Middletown, N. Y. 250 w.
 1340 ———— Pembroke, Ont. 250 w.
 1340 KFRE Fresno, Calif. 250 w.
 1340 ———— Ciudad, Valles, S. L. P. 100 w.
 1360 XETJ Tezuitlan, Pue. 250 w.
 1400 ———— Bartlesville, Okla. 250 w.
 1400 ———— Brainerd, Minn. 250 w.
 1420 XEH Monterrey, N. L. 1000 w.
 1440 HOC Panama City, Panama. 100 w.
 1450 ———— Perry Sound, Ont. 250 w.
 1450 XETA Tapachula, Chia. 250 w.
 1450 ———— New Bern, N. C. 250 w.
 1500 ———— Fort de France, Martinique. 100 w.
 1550 XEML Mexico City, D. F. 1000 w.
 1590 ———— Tiajuana, B. C. 5000 w.

Call

XETH from XEOR (580 kcs.)
 XEQ from XEDP (730 kcs.)
 XEDF from XELJ (790 kcs.)
 CMKJ from ———— (800 kcs.)
 XEON from XEXX (860 kcs.)
 XEDF from XEQ (940 kcs.)
 WNEW from WOV (1130 kcs.)
 WOV from WNEW (1280 kcs.)
 TIEP2 from TIGPH2 (1220 kcs.)
 XELJ from XEDF (1260 kcs.)
 XEBC from XELQ (12700 kcs.)
 XEHV from XEHB (1310 kcs.)
 CKWS from CFRC (1490 kcs.)
 WJLD to Bessemer, Ala.

Delete

YVKA on 630 kcs.
 XECA on 680 kcs.
 TING on 750 kcs.
 KFDY on 790 kcs.
 VOGY on 840 kcs.
 XET on 980 kcs.
 WCAD on 1250 kcs.
 XEJK on 1340 kcs.
 KYAN on 1400 kcs.
 KAWM on 1490 kcs.

Owner

KSAM (1490) to Radio Station KSAM.

Answers:

Fort Art Hankins: "I heard some time ago in 1940 a station on about the same frequency 10,050 kcs. but reception was quite good. I heard Valencia, Spain maybe it is that one again." Eugene Gross, 676 Lockwood Ave., Webster Groves, Missouri.

For Billy Curry: You may obtain amateur's addresses from the Call Book Magazine. Remember, many hams do not QSL, especially to SWL's. Always make your letter informative, interesting and useful to the station, and include postage."

Continued on page 71

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.
- K—Licensed for facsimile.
- L—Limited time.
- M—Mutual Network.
- N—National "Red" and "Blue" Networks.
- O—RHC-Cadena Azul (Cuban Network)

P—Has Construction Permit only.

R—National "Red" Network.

Q—Station not in use.

S—Synchronized.

Sx—Indicates a "Booster" (or amplifier, or satellite) station working with larger station. The main station is indicated by S.

a-b-c—Small letters show stations using same transmitter.

Fourth Column Symbols

- a—Verifies for return postage.
- b—Verifies only occasionally.
- d—Verifies for government postal card.
- e—Verifies free.
- f—Verifies for 10 cents.
- g—Card for postage; veri 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



a Watrous, Sask., Canadian Brdcastg. Corp.

550 kcs. (545.1 m.)

CFNB F 1000
 CMW 2500
 KFJR 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
 XFFU P 250
 XEPX P 250



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

560 kcs. (535.4 m.)

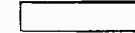
CJKL F 1000
 CMKM ... 250
 KFDM M 1000
 KLZ C 5000
 KFO PM 1000
 KSFO C 1000(5)
 KWTO ... 1000(5)
 WFIL BM 1000
 WGAN C 5000
 WIND ... 5000
 WIS N 5000
 WQAM C 1000
 XEOF ... 1000



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

570 kcs. (526 m.)

CMHI O 10000
 KGKO O 5000
 KMTR ... 1000
 KUTA N 1000(5)
 KVI C 5000
 TISJIM ... 1500
 WKBN C 5000
 WMAM D 250
 WMCA ... 5000
 WYAX CP 5000
 WSYR C 1000
 WWNC C 1000



- a Santa Clara, Cuba, RHC Cadena Azul
- a Fort Worth, Tex., KGKO Brdcastg. Co.
- a Los Angeles, Calif., KMTR Radio Corp.
- a Salt Lake City Utah, Utah Brdcastg. Co.
- a Tacoma, Wash., Puget Sound Brdcastg. Co., Inc.
- a Talajuela, Costa Rica, "Ecos del Poas"
- a Youngstown, Ohio, WKBN Brdcastg. Corp.
- a Marinette, Wis., M and M Brdcastg. Co.
- a New York, N. Y., Knickerbocker Brdcastg. Co., Inc.
- a Yankton, S. Dak., WYAX Brdcastg. Co.
- a Syracuse, N. Y., Central New York Brdcastg. 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	Z	500(1)
WCHS	C	5000
WBDO	C	5000
WIAC	P	5000
WIBW	C2	5000
WILL	D	5000
WTAG	R	1000(5)
XEMU	....	250(5)

XETH	....	1000
	P	1000

590 kcs. (508.2 m.)

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

600 kcs. (499.7 m.)

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

610 kcs. (491.5 m.)

CHNC	F	1000
CJAT	F	1000
KDAL	C	1000
KFAR	....	1000
KFRC	M	5000
WAYS	P	1000
WCLE	DM	500
WDAF	R	5000
WIOD	N	5000
WIP	....	5000
WMUR	....	1000(5)
XFBX	....	500
XERJ	....	500

620 kcs. (483.6 m.)

CKCK	F	1000
CMJL	....	250
KGW	ER	5000
KTAR	EN	5000
KWFT	CM	1000(5)
TTPG	625	5000
WAGE	M	1000
WHJB	D	250
WKAO	C	5000
WLBZ	MN	500(1)
WROL	N	500(1)

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

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

a	Montreal, P. Q., Canadian Marconi Co.
a	North Bay, Ont. R. H. Thompson
a	Saskatoon, Sask., A. A. Murphy & Sons, Ltd.
a	Vancouver, B. C., CJOR, Ltd.
a	Holguin, Cuba, RHC-Cadena Azul.
z	St. Pierre, Miquelon, "Radio Club St. Pierre"
z	Manizales, Colombia
a	San Diego, Calif., Airfan Radio Corp., Ltd.
a	El Paso, Tex., Dorrance D. Roderick.
a	San Jose, Costa Rica, "Radio Alma Tica"
a	Baltimore, Md., Monumetal Radio Co.
yi	Bridgeport, Conn., The Yankee Network, Inc.
a	Cedar Rapids, Iowa, Iowa Brdcastg. Co.
a	Memphis, Tenn., WREC Brdcastg. 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 Brdcastg. Co., Ltd.
a	Duluth, Minn., Red River Bestg. Co., Inc.
a	Fairbanks, Alaska, Midnight Sun Brdcastg. Co.
b	San Francisco, Calif., Don Lee Brdcastg. System.
z	Charlotte, N. C., Inter-City Advertising Co.
a	Cleveland, Ohio, United Brdcastg. Co.
a	Kansas City, Mo., Kansas City Star Co.
a	Miami, Fla., Isle of Dreams Brdcastg. Corp.
a	Philadelphia, Pa., Pa. Brdcastg. Co.
z	Manchester, N. H., Radio Voice of N. H., Inc.
z	Sabinas, Coah., Benito Garza Ortegon.
z	Mazatlan, Sin., Oscar Perez E

a	Regina, Sask., Leader-Post, Ltd.
a	Camaguey, Cuba, Jones, Castrillon y Cia.
a	Portland, Ore., Oregonian Pub. Co.
a	Phoenix, Ariz., KTAR Brdcastg. Co.
a	Wichita Falls, Tex., Wichita Brdcastg. Co.
b	San Jose, Costa Rica, "La Voz de la Victor"
a	Syracuse, N. Y., Sentinel Brdcastg. Corp.
a	Greensburg, Pa., Pittsburg Radio Supply House.
a	San Juan, Puerto Rico, Radio Corp. of Puerto Rico.
a	Bangor, Maine, Maine Brdcastg. Co.
a	Knoxville, Tenn., Stuart Brdcastg. Corp.

BROADCASTING STATIONS BY FREQUENCIES

WSUN N 5000
 WTMJ N 5000
 XENK 5000

630 kcs. (475.9 m.)

CFCO F 100
 CFCY F 1000
 CJRC F 1000
 CKOV F 1000
 CMZ 2000
 KGFX D 500
 KOH N 1000
 KVOB B 5000
 KXOK 5000
 WMAL B 5000
 WPRO C 5000
 XEFB 500
 ----- 100
 YSS 500

a St. Petersburg, Fla., City of S. P.
 a Milwaukee, Wis., The Journal Co.
 z Mexico City, D. F.

[]

a Chatham, Ont., John Beardall.
 a Charlottetown, P. E. I., Island Radio Brdcastg. Co.
 a Winnipeg, Man., Transcanada Communications, Ltd.
 a Kelowna, B. C., Okanagan Broadcasters, Ltd.
 z Havana, Cuba, Constitutional Army.
 a Pierre, S. Dak., Dana McNeil Estate.
 a Reno, Nev., The Bee, Inc.
 a Denver, Colo., Colorado Radio Corp.
 a St. Louis, Mo., StarTimes Pub. Co.
 a Washington, D. C., NBC, Inc.
 a Providence, R. I., Cherry & Webb Brdcastg. Co.
 a Monterrey, N. L., Jesus Quintanilla.
 z Tapachula, Chiapas
 a San Salvador, El Salvador.

640 kcs. (468.5 m.)

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

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.

[]

650 kcs. (461.3 m.)

WSM N 50000
 TIBAS 655 8000

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

[]

660 kcs. (454.3 m.)

KOWH BD 500
 KSKY D 1000
 WEAJ R 50000
 XEBZ 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 D 250
 WPTF N 50000
 XED 1000

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

[]

690 kcs. (434.5 m.)

CBF N 50000
 CMO N 15000(25)
 KGCF M 500(1)
 TIGH 2000
 XEAC 5000
 XEN 5000

a Montreal, P. Q., CBC.
 a Havana, Cuba, Cambo y Gabriel.
 a Coffeville, Kans., Hugh J. Powell.
 b San Jose, Costa Rica, "La V. de America Latina"
 a Tijuana, B. Cla., 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
 T14NRH 725 750
 WGN KM 50000
 YV5RH 1000

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

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BROADCASTING STATIONS BY FREQUENCIES

730 kcs. (410.7 m.)

CKAC	C	5000
TIMC	753	700
XEQ	....	15000

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

740 kcs. (405.2 m.)

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

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

750 kcs. (399.8 m.)

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

- a Grand Island, Nebr., KMMJ, Inc.
- b Portland, Oreg., KXL, Brctrs.
- z San Jose, Costa Rica, "La Voz del Pueblo.
- a Portsmouth, N. H., Granite State Brdcstg. 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.)

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

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

780 kcs. (384.4 m.)

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

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

790 kcs. (379.5 m.)

CKSO	F	1000
CMBC	....	1000(5)
KECA	....	5000
KFOD	G	250
KGHL	N	5000
KVOS	PM	1000
WEAN	BM	5000
WFAU	....	250(5)
WMC	R	5000
WPIC	D	1000
WPRA	....	1000(2.5)
WTAR	N	5000
XEDF	....	500
XERC	....	1000
VVSRB	....	10000
ZNS	....	1000

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

800 kcs. (374.8 m.)

CHRC	P	1000
CKLW	FM	5000
CMKJ	P	1000
TIGPH2	(1)	3000
TIXD	(1)	1000
XFSK	P	15000

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

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 Brdcstg. Co., Inc.
- a Schenectady, N. Y., Gen. Electric Co.
- a Tampico, Tams., Flores y Martinez.

820 kcs. (365.6 m.)

WAIT	....	5000
WBAP	ENa	50000

- a Chicago, Ill., WCBD, Inc.
- a Fort Worth, Tex., Carter Publications, Inc.

BROADCASTING STATIONS BY FREQUENCIES

WFAA	ENa	5000
WOSU	....	5000
WTBO	L	250

830 kcs. (361.2 m.)

CMAK	D	250
TIEP	835	3000
WCCO	C	50000
WNYC	L	1000
XELA	1000

840 kcs. (356.9 m.)

WHAS	C	50000
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850 kcs. (352.7 m.)

KFUO	L	5000
KOA	R	50000
WEUU	DN	1000
WHDH	L	1000
WRUF	LM	5000

860 kcs. (348.6 m.)

CFRB	C	10000
CMRL	....	5000
KTRB	D	250
WSON	....	250
XFMO	....	5000
KEUN	....	500

870 kcs. (344.6 m.)

HJCC	....	5000
WIEV	D	250
WHCU	CL	1000
WKAR	D	5000
WWL	C	5000

880 kcs. (340.7 m.)

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

890 kcs. (336.9 m.)

WENR	Ba	50000
WLS	Ba	50000

900 kcs. (333.1 m.)

CHML	F	1000
CIBR	F	1000
CKBI	F	1000
CMKS	....	250
KLCN	PD	1000
XEW	....	100000

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)
WIHL	....	1000
WOAN	3	500(1)
WRNL	DM	5000
WSUI	....	1000(5)
XEAO	....	250

920 kcs. (325.9 m.)

CKNX	....	1000
CMJK	....	5000

a	Dallas, Tex., A. H. Belo Corp.
a	Columbus, Ohio, Ohio State Univ.
a	Cumberland, Md., Associated Brdctg. Corp.

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

a	Louisville, Ky., Courier-Journal and Louisville Times
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a	Clayton, Mo., Evangelical Luthern Synod of Mo.
a	Denver, Colo., NBC, Inc.
a	Reading, Pa., Berks Brdctg. Co.
a	Boston, Mass., Matheson Radio Co., Inc.
a	Gainesville, Fla., University of Fla.

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

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.

z	San Jose, Costa Rica "Para Ti"
a	New York, N. Y., Columbia Brdctg. Sys.
a	Kansas City, Mo., WHB Brdctg. Co.
b	Caracas, Venez. "Radio Libertador."

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

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

z	Antigonish, N. S.
a	Ottawa, Ont., CBC.
a	Kamloops, B. C., Kamloops Sentinal 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 Brdctg. Corp.
a	Vancouver, Wash., Vancouver Radio Corp.
a	Meridian, Miss., Miss. Brdctg. Co., Inc.
a	Flint, Mich., Flint Brdctg. Co.
f	Scranton, Pa., Scranton Broadcasters, Inc.
a	Johnson City, Tenn., WIHL, 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 Sucs.

a	Wingham, Ont., Wingham Radio Club.
z	Camaguey, Cuba, Gaspar Estevez P.

BROADCASTING STATIONS BY FREQUENCIES

HJCS	....	50000	z	Bogota, Colombia, "Radio Continental"
KARK	N	5000	a	Little Rock, Ark., Ark. Radio & Equipment Co.
KFNF	2	500(1)	a	Shenandoah, Iowa, KFNF, Inc.
KFPY	C	5000	a	Spokane, Wash., Symons Brdcastg. Co.
KFNJ	P	500(1)	a	Grand Jct., Colo., Western Slope Bestg. Co.
KUSD	2	500	a	Vermillion, S. Dak., University of S. Dak.
TIRS	....	400	z	San Jose, Costa Rica, "Radio Athenea"
WBAA	....	1000(5)	a	W. Lafayette, Ind., Purdue University.
WBBB	DM	1000	z	Burlington, N. C. Alamaunce Brdcastg. Co. Inc.
WGST	C	1000(5)	a	Atlanta, Ga., Georgia School of Tech.
WTAR	R	5000	a	Providence, R. I., Outlet Co.
WMMN	C	5000	a	Fairmont, W. Va., Monongahela Valley Brdcastg. Co.
WTMM	P	1000	z	Trenton, N. J., Trent Brdst. Co.
XEBH	....	1000	a	Hermosillo, Son., Carlos Balderrama.
XEJZ	P	100	z	Torreón, Coah.
XFMJ	....	200	z	Piedras Negras
YNLG	....	1000	z	Managua, Nicaragua, Reuben Dario

930 kcs. (322.4 m.)

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

940 kcs. (319 m.)

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

950 kcs. (315.6 m.)

CKNB	F	1000	a	Campbellton, N. B., Charles Houde
CMBZ	....	1000(5)	a	Havana, Cuba, Radio Salas.
HIX	....	1000	a	Ciudad Trujillo, D. R., J.R., Saladin.
KFEL	M	5000	a	Denver, Colo., Eugene P. O'Fallon.
KOMO	ER	5000	a	Seattle, Wash., Fishers Blend Station, Inc.
KPRC	ER	5000	a	Houston, Tex., Houston Printing Corp.
VOAR	....	25	z	St. Johns, Newfoundland
WAAF	D	1000	a	Chicago, Ill., Drivers Journal Pub. Co.
WORL	D	1000	a	Boston, Mass., Brdcastg. Serv. Organization, Inc.
WPEN	....	5000	a	Philadelphia, Pa., Wm. Penn Brdcastg. Co.
WSPA	C	5000	a	Spartanburg, S. C., Spartanburg Adv. Co.
WWJ	R	5000	a	Detroit, Mich., Evening News Ass'n.
XEGM	....	1000(2.5)	z	Tijuana, B. Cfa.

960 kcs. (312.3 m.)

CFAC	F	1000	a	Calgary, Alta., South Western Publishers, Ltd.
CHNS	F	1000	a	Halifax, N. S., Maritime Brdcastg. Co., Ltd.
CKWS	P	1000	z	Kingston, Ont., Kingston Whig Standard
CMHN	E	1000	a	Santa Clara, Cuba, Cadena Radio Habana.
KMA	B	1000(5)	a	Shenandoah, Iowa, May Brdcastg. Co.
KROW	....	5000	a	Oakland, Calif., Educational Brdcastg. Corp.
WBRC	R	5000	a	Birmingham, Ala., Birmingham Brdcastg. Co., Inc.
WDRI	C	5000	a	Roanoke, Va., Times World Corp.
WELL	....	250(5)	a	New Haven, Conn., City Brdcastg. Corp.
WSRT	C	500	a	South Bend, Ind., South Bend Tribune.
XEFE	....	1000	z	Nuevo Laredo, Tam., Rafael T. Carranza.
YFHK	....	250	z	Guadalajara, Jal.
XEOP	....	500	a	Hermosillo, Son.
XEIT	....	500	z	Veracruz, Ver. C., Fernando Pazos S.
YV5RA	....	10000	b	Caracas, Venezuela, "Radio Caracas"

970 kcs. (309.1 m.)

CMKU	E	5000	a	Santiago de Cuba, Circuito CMQ
HJCM	....	250	z	Bogota, Colombia, "Nueva Granada"
KOIN	C	5000	a	Portland, Ore., KOIN, Inc.

BROADCASTING STATIONS BY FREQUENCIES

TIRH	....	500
WAAT	....	1000
WAVE	N	5000
WSCH	R	5000
WDAY	N	5000
WFLA	....	1000(5)
NHA	D	5000
WICA	D	1000
XEI	....	5000
XEK	....	500
XEO	....	750

980 kcs. (306 m.)

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

990 kcs. (302.8 m.)

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

1000 kcs. (299.8 m.)

CMKW	....	1000
KJR	B	50000
TIFA	....	250
VOCM	(1005)	250
WCFL	N	10000
WINS	....	50000
XEOY	....	10000

1010 kcs. (296.9 m.)

CHY	F	1000
CFCN	F	10000
CMX	....	25000
KOW	C	1000
XEAW	....	50000
XEJB	....	5000
XEQN	....	500
YV5RG	....	1000

1020 kcs. (293.9 m.)

KDKA	R	50000
KFVD	....	1000

1030 kcs. (291.1 m.)

WBZ	BS	50000
WBZA	BS	1000

1040 kcs. (288.3 m.)

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

1050 kcs. (285.5 m.)

CMKG	....	250
WDZ	D	1000

z	San Jose, Costa Rica, "Radio El Mundo"
a	Jersey City, N. J., Bremer Brdcastg. Corp.
a	Louisville, Ky., WAVE, Inc.
a	Portland, Maine, Congress Square Hotel Co.
a	Fargo, N. Dak., WDAY, Inc.
a	Tampa, Fla., The Tribune Co.
a	Madison, Wis., University of Wis.
a	Ashtabula, Ohio, WICA, Inc.
a	Juarez, Chih. Pedro Meneses, Jr.
a	Mexico City, D. F., Arturo Martinez.
z	Matamoros, Tam.

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

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

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

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

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

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

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

z	Victoria, Cuba, Emilio Grau Medina
a	Tuscola, Ill., W D Z Brdcastg. Co.

BROADCASTING STATIONS BY FREQUENCIES

WHN 1000(5)
 XEG 150000
 YV5RZ 300

a New York, N. Y., Marcus Loew Booking Agency
 z Monterrey, N. L.
 a La Guaira, Venezuela. "Emisora Vargas."

1060 kcs. (282.8 m.)

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

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

1070 kcs. (280.2 m.)

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

a Sackville, N. B., Canadian Brdstg. Corp.
 a Wichita, Kans., Farmers & Bankers Brdstg. Corp.
 a Los Angeles, Calif., Columbia Brdstg. System, Inc.
 z San Jose, Costa Rica
 a Indianapolis, Ind., Ind. Brdstg. Corp.

1080 kcs. (277.6 m.)

HHK 25000
 HJAH 500
 KRLD C 50000
 KWJJ P 1000
 KYOS DM 250
 WCAZ D 250
 WTIC RY 50000
 YV6RE 250
 P 1000(5)

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

1090 kcs. (275.1 m.)

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

z Banes, Cuba, Oscar Vidal Benitez
 z Trujillo, D. R., J. M. Bonetti Burgos.
 z Cali, Colombia, "Radio Cali."
 a Seattle, Wash., Evergreen Brdstg. Corp.
 a 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.)

1100 kcs. (272.6 m.)

HJCB 1105 2000
 KJBS L 500
 WTAM R 50000

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

1110 kcs. (270.1 m.)

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

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.
 a Pasadena, Calif.
 z Tijuana, B. C.

1120 kcs. (267.7 m.)

KMOX C 50000
 YV1RF 350

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

1130 kcs. (265.3 m.)

CBR F 5000
 CMKH 250
 HJGE 350
 KGDM DM 1000
 KWKH C 50000
 WCAR D 1000
 WDGW L 500(5)
 WNEW 1000

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.

1140 kcs. (263 m.)

HJBJ 500
 KSOO LN 5000
 WRVA CM 50000
 XENT 50000

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.

BROADCASTING STATIONS BY FREQUENCIES

1150 kcs. (260.7 m.)

CHSJ	F	1000
CKOC	F	500(1)
CKX	F	1000
CMBQ	....	1000(5)
HJDT	....	400
HJEB	....	500
KRKD	a	1000(2.5)
KRSC	E	1000
KSAL	....	1000
KSWO	DP	250
KTBC	G	1000
TIHZ	....	1000
WAPO	N	1000(5)
WCOP	....	500
WDEL	R	5000
WISN	C	5000
WJBO	B	5000
WKPA	D	250
WTAW	G	1000
XEIP	....	600
XETJ	....	100
YVIRD	1153	250
YVARD	1153	200

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

1160 kcs. (285.5 m.)

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

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

1170 kcs. (250.3 m.)

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

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

1180 kcs. (254.1 m.)

WHAM	N	50000
WLDS	....	250

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

1190 kcs. (252 m.)

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

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

1200 kcs. (249.9 m.)

HJCR	....	50000
HIRCC	....	500
WOAI	EN	50000

- z Bogota, Colombia, "Emisora Nacional."
- z San Jose, Costa Rica, "Accion Catolica"
- 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."
- z Little Rock, Ark., Arkansas Brdcastg. Corp.
- Philadelphia, Pa., WCAU Brdcastg. Co.

1220 kcs. (245.8 m.)

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

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

1230 kcs. (243.8 m.)

CHGB	F	250
CJCI	F	100
CKVD	....	100
CKCO	....	250
CMCW	2	250

- 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. Vilarino y Cia.

BROADCASTING STATIONS BY FREQUENCIES

CMJE	....	250	z	Camaguey, Cuba, Maceo No. 27
HHW	....	100	z	Port-au-Prince, Haiti
KADA	EM	250	a	Ada, Okla., C. C. Morris.
KAST	....	250	z	Astoria, Ore., Astoria Brdcastg. Co.
KBTM	M	100(.25)	a	Jonesboro, Ark., Regional Brdcastg. Co.
KELO	N	250	a	Sioux Falls, S. Dak., S. F. Broadcast Ass'n., Inc.
KFDA	M	250	a	Amarillo, Tex. Amarillo Brdcastg. Corp.
KFIO	P	250	a	Spokane, Wash., Spokane Brdcastg. Corp.
KFJB	....	250	u	Marshalltown Iowa, Marshall Elec. Co.,
KFUN	P	250	z	Las Vegas, N. Mex., Southwest Brdcastg. Inc.
KFXD	....	250	a	Nampa, Idaho, Frank E. Hurt
KGDE	....	100(.25)	b	Fergus Falls, Minn., Charles L. Jaren
KGEK	G	100	f	Sterling, Colo., Elmer G. Beehler
KGFI	....	100	a	Los Angeles, Calif., Ben S. McGlashan
KGHI	....	250	a	Little Rock, Ark., Ark. Brdcastg. Co.
KHAS	....	250	a	Hastings, Nebr., Nebr. Brdcastg. Co.
KHBC	CM	250	a	Hilo, Hawaii, Hawaiian Brdcastg. Sys., Ltd.
KMLB	....	250	a	Monroe, La., Liner's Brdcastg. Station, Inc.
KODL	....	100(.25)	a	The Dalles, Ore., Western Radio Corp.
KOOS	M	250	a	Marshfield, Ore., KOOS, Inc.
KPHO	....	250	z	Phoenix, Ariz., M. C. Reese
KPOW	....	250	u	Powell, Wyo., Albert Joseph Meyer
KRLH	....	250	z	Midland, Texas, Clarence Sharbaur
KSUN	E	250	a	Lowell, Ariz., Copper Elec. Co., Inc.
KVCV	M	250	a	Redding, Calif., Golden Empire Brdcastg. Co.
KVEC	M	250	a	San Luis Obispo, Calif. Valley Electric Co.
KVNU	....	250	a	Logan, Utah, Cache Valley Brdcastg. Co.
KWG	B	100	a	Stockton, Calif., McClatchey Brdcastg. Co.
KWNO	E	250	a	Winona, Minn., Winona Radio Serv.
KYSM	EN	250	a	Mankato, Minn., Southern Minn. Supply Co.
WABI	....	250	a	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	Wavcross, Ga., Jack Williams.
WBBZ	M	250	a	Ponca City Okla., Adelaide L. Carrell
WBHP	....	250	a	Huntsville, Ala., Wilton Harvey Pollard
WBLI	M	250	a	Dalton, Ga., Dalton Brdcastg. Corp.
WBOC	....	250	a	Salisbury, Md., Peninsula Brdcastg. Co.
VBOW	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	C	250	a	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	N	250	a	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	a	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
WHRC	M	250	a	Canton, Ohio, Ohio Brdcastg. Co.
WHBY	M	250	a	Appleton, Wis., WHBY, Inc.
WHOP	....	250	a	Hopkinsville, Ky., Paducah Brdcastg., Co., Inc.
WIBX	....	250	a	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.
WJWB	....	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.
WIRD	E	250	a	Tuscaloosa, Ala., James R. Doss, Jr.
WKBO	....	100(.25)	a	Harrisburg, Pa., Keystone Brdcastg. Corp.
WLOF	P	250	z	Orlando, Fla., Hazelwood, Inc.
WLQG	....	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
WMPC	G	250	a	Lapeer, Mich., Liberty St. Gospel Church
WOIS	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	a	Hartford, Conn., Hartford Times, Inc.
WTOL	....	250	a	Toledo, Ohio, Community Brdcastg. Co.
YNOW	....	800	z	Managua, Nicaragua.

BROADCASTING STATIONS BY FREQUENCIES

1240 kcs. (241.8 m.)

CBJ	F	250	a	Chicoutimi, P. Q., Canadian Brdcastg. Corp.
CFPR	....	50	a	Prince Rupert, B. C., Felix E. Batt
CHLT	....	250	a	Sherbrooke, P. Q., La Tribune, Ltd.
CJCS	....	50	a	Stratford, Ont., Frank M. Squires
CKKC	F	100	a	Hull, P. Q., CKCH Radio Brdcastg. Co. of Hull, Ltd.
CKMC	....	50	a	Cobalt, Ont., R. L. MacAdam
CKLN	F	250	a	Nelson, B. C., News Co., Ltd.
CMGF	....	250	z	Matanzas, Cuba, Bernabe R. de la Torre
HJAE	....	525	z	
KALB	....	250	4	Alexandria, La., Alex. Brdcastg. Co., Inc.
KANS	N	250	a	Wichita, Kans., KANS Brdcastg. Co.
KASA	....	100	a	Elk City, Okla., E. M. Woody
KAVE	....	250	a	Carlsbad, N. Mex., Carlsbad Brdcastg. Co.
KBIZ	....	250	a	Ottumwa, Iowa, J. D. Falvey
KDLR	....	250	a	Devils Lake, N. Dak., KDLR, Inc.
KDON	P	250	a	Monterey, Calif., Monterey Peninsula Brdcastg. Co.
KFJL	....	100	a	Klamath Falls, Ore., KFJL Broadcasters, Inc.
KFOR	EM	250	a	Lincoln, Nebr., Cornbelt Brdcastg. Corp.
KFXM	2M	250	a	San Bernardino, Calif., Lee Bros. Brdcastg. Co.
KGBS	....	250	z	Harlingen, Tex., Harbenito Brdcastg. Co.
KGY	....	250	a	Olympia, Wash., KGY, Inc.
KHBB	....	250	a	Oklmulgee, Okla., Okmulgee Brdcastg. Corp.
KICA	....	100	a	Clovis, New Mexico, Western Broadcasters, Inc.
KIUL	....	100	a	Garden City, Kans., Garden City Brdcastg. Co.
KMAC	....	250	a	San Antonio, Tex., The Wolmac Co.
KOCA	....	250	a	Kilgore, Tex., Oil Capital Brdcastg. Ass'n.
KOVO	EM	250	a	Provo, Utah, Citizens Voice and Air Show.
KPEA	EN	250	a	Helena, Mont., Peoples Forum of the Air.
KPPC	C	100	a	Pasadena, Calif., Pasadena Presb. Church.
KROY	C	100	a	Sacramento, Calif., Royal Miller.
KVSO	M	100 (25)	a	Ardmore, Okla., Ardmoreite Pub. Co., Inc.
KWAT	....	250	a	Watertown, S. Dak., Midland National Life Ins. Co.
KWIL	....	250	a	Albany, Ore., Central Willamette Brdcastg. Co.
KWJB	E	250	a	Globe, Ariz., Sins Brdcastg. 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 Brdcastg. Co.
WATN	....	250	a	Watertown, N. Y., Watertown Brdcastg. Corp.
WBAX	M	100	a	Wilkes-Barre, Pa., John H. Stenger, Jr.
WBBL	G5	100	a	Richmond, Va., Grace Covenant Presb. Church.
WBIR	....	250	a	Knoxville, Tenn., J. W. Birdwell.
WBML	P	250	7	Macon, Ga., Middle Georgia Brdcastg. Co.
WBRB	4	100	a	Red Bank, N. J., Monmouth Brdcastg. Co.
WCOU	M	250	a	Lewiston, Maine, Twin City Brdcastg. Co., Inc.
WCOV	C	250	a	Montgomery, Ala., Capital Brdcastg. Co., Inc.
WCRW	G3	100	a	Chicago, Ill., Clinton R. White.
WERO	....	250	a	Harrisburg, Ill., Harrisburg Brdcastg. Co.
WEDC	G3	250	a	Chicago, Ill., Emil Denemark, Inc.
WFAS	4	250	a	White Plains, N. Y., Westchester Brdcastg. Corp.
WFOY	C	250	a	St. Augustine, Fla., Fountain of Youth Brdcastg. Co.
WFTM	....	250	a	Fort Myers, Fla., Ft. Myers Brdcastg. Co.
WGAC	....	250	a	Augusta, Ga., Twin States Brdcastg. Co.
WGBB	4	100	a	Freeport, N. Y., Harry H. Carman.
WGCM	....	250	a	Gulfport, Miss., WGCM, Inc.
WGA	P	250	z	Gainesville, Ga., Gainesville Broadcasters.
WGRM	....	250	a	Greenwood, Miss., P. K. Ewing.
WHAI	M	250	a	Greenfield, Mass., John W. Haigis.
WHBU	....	250	a	Anderson, Ind., Anderson Brdcastg. Corp.
WHIZ	N	250	a	Zanesville, Ohio, Southern Ohio Broadcasters, Inc.
WIBU	E	250	a	Poynette, Wis., Win. C. Forrest
WTNN	....	100 (25)	a	Louisville, Ky., Kentucky Brdcastg. Corp.
WIBY	E	250	a	Gadsden, Ala., Gadsden Brdcastg. Co., Inc.
WIEI	....	250	a	Hagerstown, Md., Hagerstown Brdcastg. Co.
WITM	R	250	z	Lansing, Mich., WITM, Inc.
WITS	....	250	a	Becklev, W. Va., Joe L. Smith, Jr.
WTMC	....	250	a	Rice Lake, Wis., Walter H. Mc Genty.
WITN	B	250	a	Jamestown, N. Y., James Brdcastg. Co., Inc.
WTW	M	250	a	Akron, Ohio, WTW, Inc.
WKOK	....	250	a	Sunbury, Pa., Sunbury Brdcastg. Corp.
WTAG	P	250	a	La Grange, Ga., La Grange Brdcastg. Co.
WIOK	....	250	a	Tima, Ohio, Fort Industry Co.
WMFG	C	250	a	Hibbing, Minn., Head of the Lakes Brdcastg. Co.
WOCB	....	250	a	Hyannis, Mass., Cape Cod Brdcastg. Co.
WOMT	....	100	a	Manitowoc, Wis., Francis M. Kadow.
WPAX	....	250	a	Thomasville, Ga., H. Wimpv.
WPID	5	250	a	Petersburg, Va., Petersburg Newspaper Corp.

BROADCASTING STATIONS BY FREQUENCIES

WRAL	M	250
WSAY	M	250
WSBC	G3	250
WSNJ	....	250
WSOC	MN	250
WTAX	....	100
.....	....	250
XEMQ	....	250
XERZ	P	250

1250 kcs. (239.9 m.)

CMHO	....	250
CMKC	....	250
HTDK	....	500
KFKU	a	1000(5)
KPAC	....	500
KTMS	BE	1000
KTW	2	1000
KWSC	2	5000
WCAE	M	5000
WDAE	C	5000
WREN	Ba	1000(5)
WTMA	N	1000
XEAT	....	600
XEDK	....	500
XEDL	....	500
XESJ	....	1000
XETF	....	500
YVIRK	....	350

1260 kcs. (238 m.)

CFRN	F	1000
CMRF	....	5000
HJEL	....	500
KFGO	P	250
KGBX	N	5000
KGGM	C	1000
KYA	E	1000(5)
WFRM	C	5000
WNAC	R	5000
WOL	M	1000
XEHL	....	500
XFRM	....	150
XFBP	....	250
XFBU	....	100
XFLJ	....	250
XEDV	....	250
XEL	....	750

1270 kcs. (236.1 m.)

CJCB	F	1000
CMJM	O	1000
HJAT	1275	....
HTBC	....	440
KFJZ	M	5000
KGCU	....	250
KTFI	N	1000
WHBF	M	5000
WSPR	M	500
WXYZ	B	5000
XEAX	....	500
XEBA	....	250
XEGL	....	500
XEDN	....	150
XEFM	....	100
XEFV	....	250
XEBC	....	100
XEME	....	500
XERT	....	500(5)
YV3RA	....	1500

1280 kcs. (234.2 m.)

CMHA	....	250
KFOX	E	1000
HIGK	....	280
KIT	M	1000
WDSU	B	5000
WGBF	M	1000(5)

z	Raleigh, N. C., Capitol Brdstg. Co.
a	Rochester, N. Y., Brown Radio Service.
a	Chicago, Ill., WSBC, Inc.
a	Bridgeton, N. J., Eastern States Brdstg. Corp.
a	Charlotte, N. C., Radio Station WSOC, Inc.
a	Springfield, Ill., WTAX, Inc.
z	Hollywood, Calif.
z	Merida, Yucatan
z	Leon, Gto.

z	Santa Clara, Cuba.
a	Santiago de Cuba, Pinol Battle y Co.
z	Medellin, Colombia, "La V. de Antioquia."
a	Lawrence, Kans., University of Kansas.
a	Port Arthur, Tex., Port Arthur College.
a	Santa Barbara, Calif., News-Press Pub. Co.
a	Seattle, Wash., First Presb. Church.
a	Pullman, Wash., State College of Wash.
a	Pittsburgh, Pa., WCAE, Inc.
a	Tampa, Fla., Tampa Times Co.
a	Lawrence, Kans., WREN Brdstg. Co.
a	Charleston, S. C., Atlantic Coast Brdstg. Co.
a	Parral, Chih., Box 90.
z	Guadalajara, Jal., Salvador Vasquez T.
z	Hermosillo, Son.
z	Saltillo, Coah.
a	Veracruz Ver. C., Jose Rodriguez Lopez.
a	Maracaibo, Venezuela, "Radio Popular"

a	Edmonton, Alta., G. R. A. Rice.
a	Havana, Cuba, Radio Emisora Nacional.
z	Cali, Colombia
a	Boone Iowa, Boone Biblical College.
a	Springfield, Mo., Springfield Brdstg. Co.
a	Albuquerque, N. Mex., New Mexico Brdstg. Co.
a	San Francisco, Calif., Hearst Radio, Inc.
a	Indianapolis, Ind., WFRM, Inc.
a	Boston, Mass., The Yankee Network, Inc.
a	Washington, D. C., American Brdstg. Co.
z	Culiacan, Sim., Ignacio L. Saiz.
z	San Luis Potosi, S. L. P., Benjamin Briones.
z	Torreon, Coah.
z	Chihuahua, Chih., Feliciano Lopez Islas.
a	Laredo, Tams.
a	Minatitlan, Ver. C., Hector Silva Canto.
z	Mexico City, D. F.

a	Sydney, N. S., Eastern Broadcasters, Ltd.
a	Ciego de Avila, Cuba, RHC Cadena Azul.
z	Barranquilla, Col., "Radio Barranquilla."
z	Cucuta, Colombia, "La Voz de Cucuta."
a	Fort Worth, Tex., Tarrant Brdstg. Co.
a	Mandan, N. Dak., Mandan Radio Ass'n.
a	Twin Falls, Idaho, Radio Brdstg. Corp.
a	Rock Island, Ill., Rock Island Brdstg. Co.
a	Springfield, Mass., WSPR, Inc.
a	Detroit, Mich., King-Trendle Brdstg. Corp.
z	Oaxaca, Oax.
z	Guzman, Jal., Javier Velasco.
a	Navojoa, Son.
z	Camargo, Chih.
z	Leon, Gto.
a	Juarez, Chih., Dario Cordoba.
z	Morelia, Micho.
a	Merida, Yuc., Perfecto Villamil Cisero.
z	Toluana, B. Cfa.
a	Barquisimeto, Venezuela, "Radio America."

z	Sagua la Grande, Cuba, Abelardo Menocal.
a	Long Beach, Calif., Nichols & Wariner, Inc.
z	Bucaramanga, Col., "Radio Santander."
a	Yakima, Wash., Carl E. Haymond.
a	New Orleans, La., WDSU, Inc.
a	Evansville, Ind., Evansville on the Air, Inc.

BROADCASTING STATIONS BY FREQUENCIES

WHBI	2	1000(2.5)
WKST	....	1000
WMRO	D	250
WOV	2	5000
WTCN	B	1000(5)
XEAG	....	250
XEBW	....	600
XEE	....	100
XELK	....	100
XEOX	....	250
XERL	....	250
XEX	....	500
XEXJ	....	100

1290 kcs. (232.4 m.)

CMCH	2	250
CMCX	2	250
CMKD	....	1000
HJKK	....	250
KGVO	C	1000
KHSL	M	1000
KOIL	EMC	5000
KRGV	MN	1000
KUOA	D	5000
KVOA	EN	1000
WFVA	D	250
WHIO	C	5000
WHLD	D	1000
WKNE	C	5000
WNBF	PC	5000
WTOC	C	5000
XEAP	....	100
XEDA	....	1000

1300 kcs. (230.6 m.)

CMAN	O	1000
CMIF	....	250
HJEC	....	500
KGLO	C	1000
KOL	M	1000(5)
KVOR	C	1000
WASH	Na	500
WFBR	MO	5000
WFDX	R	1000(5)
WOOD	Na	500
WWNY	D	500
XEGF	....	100
XEP	....	500
XES	....	250
YVIRA	....	100

1310 kcs. (228.9 m.)

CKCO	F	1000
CMGN	O	1000
HJAK	....	500
KFRB	C	5000
KLS	....	1000
TGI	....	....
WCAM	2	500
WCAP	2	500
WDOO	C	5000
WIBA	N	5000
WISH	....	1000(5)
WORC	C	1000
WRR	M	5000
WTNI	2	500
XFAD	....	500
XEC	....	250
XEHV	....	1000
XEMG	....	250

1320 kcs. (227.1 m.)

CMHP	....	250
CMKE	....	250
HJDO	....	1800
KDYL	R	5000
WATR	....	1000

a	Newark, N. J., May Radio Brdcastg. Corp.
a	New Castle, Pa., WKST, Inc.
a	Aurora, Ill., Martin R. O'Brien.
a	New York, N. Y., Wodaam Corp.
a	Minneapolis, Minn., Minnesota Brdcastg. Corp.
z	Cordoba, Ver. C., Diodoro Zuniga.
z	Chihuahua, Chih.
a	Durango, Dgo., Alejandro Stevenson, Jr.
a	Zacatecas, Zac.
a	Los Mochis, Sin.
z	Colima, Col., J. Roberto Levy.
a	Monterrey, N. L., El Heraldito del Comercio
z	Tuxtla Gutierrez, Chis.

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

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.
a	Seattle, Wash., Seattle Brdcastg. Co., Inc.
a	Colorado Springs, Colo., Out West Brdcastg. Co.
a	Grand Rapids, Mich., King-Trendle Brdcastg. Corp.
a	Baltimore, Md., Baltimore Radio Show, Inc.
a	Jackson, Miss., Lamar Life Ins. Co.
z	Grand Rapids, Mich., King-Trendle Brdcastg. Corp.
z	Watertown, N. Y., The Brockway Co.
z	Culiacan, Sin.
a	Iuarez, Chih., Estaban Perra.
a	Tampico, Tam., Fernando Sada.
a	Maracaibo, Venezuela "Ecos del Zulia"

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.
a	Oakland, Calif., Warner Bros.
d	Guatemala City, Guat., "Radio Morse."
a	Camden, N. J., City of Camden.
a	Asbury Park, N. J., Radio Industries Broadcast Co.
c	Chattanooga, Tenn., WDOO Brdcastg. Corp.
a	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	Gomez Palacio, Dgo.

z	Placetras, Cuba, Guevara y Gonzalez.
z	Manzanillo, Cuba.
a	Medellin, Colombia, "Emisora Claridad."
a	Salt Lake City, Utah, Intermountain Brdcastg. Corp.
a	Waterbury, Conn., WATR Co., Inc.

BROADCASTING STATIONS BY FREQUENCIES

WEBC	N	5000
WTAS	C	5000
WJHP	....	250
WNBZ	D	100
WNEL	....	5000
XEAI	....	500
XEBK	....	100
XESY	....	200

1330 kcs. (225.4 m.)

CMBG	2	1500
CMB5	2	250
HJAA	....	250
KALE	M	5000
KFAC	....	1000
KFH	C	5000
WBBR	2	1000
WEVD	2	1000
WFBC	N	5000
WFNN	PD	1000
WHAZ	2	1000
WHBL	M	250(1)
WL0L	M	1000

XEBO	....	600
XECF	....	150
XEKS	....	100
	P	250

1340 kcs. (223.7 m.)

	P	250
CFGP	....	250
CHCK	....	50
CHWK	F	250
CJLS	F	100
CKCV	F	100
CMCT	....	250
KAND	....	250
HJEF	....	500
KBND	....	250
KCKN	E	250
KCRJ	E	250
KFFL	....	100(.25)
KFRE	P	250
KFYO	M	250
KGZ	....	250
KGFV	....	250
KHMO	....	250
KHUB	....	250
KMYR	....	250
KOCY	....	250
KOME	EM	250
KPDN	....	100
KRBA	D	250
KRIF	P	250
KRMD	....	250
KROC	EN	250
KROS	....	250
KSUB	....	100
KULN	....	250
KVIC	....	250
KVOL	....	250
KVOX	E	250
KVSE	C	100
KWFC	....	250
KWLM	....	250
KWOC	....	250
KXRO	M	250
WAIR	DM	250
WAML	....	250
WBRE	N	250
WBRK	M	250
WBRW	....	250
WCLS	....	250
WCMI	M	250
WDAK	....	250
WDMJ	....	250
WFBR	B	250
WEIM	ME	250

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.
a	Mexico City, D. F., Carmen Gutierrez.
z	Nuevo Laredo, Tamps., Guajardo y Cortes
z	Cananen, Son.

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 So-
	ciety, 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.
a	Sheboygan, Wis., Press Pub. Co.
g	Minneapolis, Minn., Independent Merchants Brdcastg.
	Co.
z	Irapuato, Gto., Alfonso Martinez.
z	Los Moches, Sin., Francisco Perez H.
z	Saltillo, Coah.
z	Middletown, N. Y., Community Bcstg. Corp.

z	Pembroke, Ont.
a	Grande Prairie, Alta., Northern Brdcastg. Corp.
a	Charlottetown, P. E. I., CHCK Radio Brdcastg. Co.
a	Chilliwack, B. C., Chilliwack Brdcastg. Co., Ltd.
a	Yarmouth, N. S., Laurie L. Smith.
a	Quebec, P. Q., CKCV, Ltd.
z	Camaguey, Cuba, Calle Cisneros y General Gomez.
z	Corsicana, Tex., Navarro Brdcastg. Assn.
z	Cali, Colombia, "La V. de Higueronia."
z	Bend, Ore., The Bend Bulletin.
a	Kansas City, Kans., KCKN Brdcastg. Co.
a	Jerome, Ariz., Central Arizona Brdcastg. Co
f	Dublin, Tex., C. C. Baxter.
z	Fresno, Calif.
a	Lubbock, Tex., Plains Radio Brdcastg. Co.
a	Kalispell, Mont., Donald C. Treloar.
a	Kearney, Nebr., Central Nebraska Brdcastg. Corp
z	Hannibal, Mo., Courier-Post Pub. Co.
a	Watsonville, Calif., John P. Scripps.
a	Denver, Colo., F. W. Meyer.
a	Oklahoma City, Okla., Plaza Court Brdcastg. Co.
z	Tulsa, Okla., Oil Capital Sales Corp.
a	Pampa, Tex., R. C. Hoiles.
a	Lufkin, Tex., Red Lands Brdcastg. Assn.
z	Miles City, Mont., Star Printing Co.
a	Shreveport, La., KRMD., Inc.
a	Rochester, Minn., Southern Minn. Brdcastg. Co.
z	Clinton, Iowa, Clinton Brdcastg. Corp.
a	Cedar City, Utah, Southern Utah Brdcastg. Co.
a	Grants Pass., Ore., Southern Oregon Brdcastg. Co.
a	Victoria, Tex., Radio Enterprises, Inc.
a	Lafayette, La., Evangeline Brdcastg. Co., Inc.
a	Moorhead, Minn., KVOX Brdcastg. Co.
a	Santa Fe, N. Mex., N. Mex. Brdcastg. Co.
a	Hot Springs, Ark., Hot Springs Brdcastg. Co.
a	Willmar, Minn., Lakeland Brdcastg. Co.
a	Poplar Bluff, Mo., Radio Station KWOC.
a	Aberdeen, Wash., KXRO, Inc.
a	Winston-Salem, N. C., Radio Station WAIR.
a	Laurel, Miss., New Laurel Radio Station, Inc.
a	Wilkes-Barre, Pa., Louis G. Baltimore
a	Pittsfield, Mass., Monroe B. England.
a	Welch, W. Va., Mc Dowell Service Co.
a	Joliet, Ill., WCLS, Inc.
a	Ashland, Ky., Ashland Brdcastg. Co.
a	West Point, Ga., Valley Brdcastg. Co.
a	Marquette, Mich., Lake Superior Brdcastg. Co.
a	Buffalo, N. Y., WEBR, Inc.
z	Fitchburg, Mass., Ruben E. Aronheim.

BROADCASTING STATIONS BY FREQUENCIES

WEMP	ME	250	z	Milwaukee, Wis., Milwaukee Brdstg. Co.
WEXL	....	100	a	Royal Oak, Mich., Royal Oak Brdstg. Co.
WFBG	R	250	a	Altoona, Pa., Gable Brdstg. Co.
WFHR	....	250	a	Wisconsin Rapids, Wis., Wm. F. Huffman.
WFIG	....	250	z	Sumter, S. C., J. Samuel Brody.
WGAA	....	250	a	Cedartown, Ga., Northwest Ga. Brdstg. Co.
WGAU	....	250	a	Athens, Ga., J. K. Patrick & Co.
WGH	K	250	a	Newport News, Va., Hampton Roads Brdstg. Corp.
WGTM	....	250	a	Wilson, N. C., WGTM, Inc.
WHAT	2	100	a	Philadelphia, Pa., Independent Brdstg. Co., Inc.
WINX	....	250	a	Washington, D. C., Lawrence J. Heller.
WIZE	....	250	a	Springfield, Ohio, Radio Voice of Springfield, Inc.
WJMA	P	250	a	Covington, Va., Arrington & Arrington.
WJPF	....	250	a	Herrin, Ill., Orville W. Lyerla.
WJPR	....	250	a	Greenville, Miss., John R. Pepper.
WLAK	N	250	z	Lakeland, Fla., Lake Region Brdstg. Co.
WLAV	....	250	a	Grand Rapids, Mich., Leonard A. Verslius.
WLBC	....	250	a	Muncie, Ind., Donald A. Burton.
WLBI	....	250	a	Bowling Green, Ky., Bowling Green Brdstg. Co.
WLNH	M	250	a	Laconia, N. H., Northern Brdstg. Co.
WMBO	....	250	sa	Auburn, N. Y., WMBO, Inc.
WMFF	B	250	a	Plattsburg, N. Y., Plattsburg Brdstg. Corp.
WNBH	M	250	a	New Bedford, Mass., E. Anthony & Sons, Inc.
WPER	....	250	z	De Land, Fla., Tropical Brdstg. Co.
WRAW	N	250	a	Reading, Pa., Reading Brdstg. Co.
WSAJ	G	100	a	Grove City, Pa., Grove City College.
WSAV	N	250	a	Savannah, Ga., WSAV, Inc.
WSGN	M	250	a	Birmingham, Ala., Birmingham News Co.
WSOY	....	250	a	Decatur, Ill., Commodore Brdstg., Inc.
WSTV	....	250	a	Steubenville, Ohio, Valley Brdstg. Co.
WTAL	100(25)	250	a	Tallahassee, Fla., Florida Capitol Brdstg., Inc.
WTEL	2	100	a	Philadelphia, Pa., Foulkrod Radio Eng. Co.
WTRC	....	250	a	Elkhart, Ind., Truth Pub. Co., Inc.
WWPG	....	250	z	Lakeworth, Fla., Lakeworth Brdstg. Corp.
XEAA	....	250	a	Mexicali, B. Cta., Alberto Gonzalez.
XFCW	....	250	a	Cordoba, Ver. C., Voz del Sudeste de Mexico.
XEDH	....	250	z	Villa Acuna, Coah., Vincente Hernandez.
XEFC	....	250	a	Merida, Yuc., Julio Molina Font.
XEFZ	....	250	z	Coatzacoalcos, Ver. C., Pedro E. Roher.
XELW	....	250	z	Guadalajara, Jal.
XEMA	....	100	z	Fresnillo, Zac., Jose Ma. Acevedo Moya.
XEXS	....	100	z	Toluca, Mex., Instituto Cientifica y Literario
		100	z	Ciudad Valles, S. L. P.

1350 kcs (222.1 m.)

CMHJ	....	250	a	Cienfuegos, Cuba, Romualdo Ugalde.
CMKY	....	100	z	Puerto Padre, Cuba.
HIZ	....	200	z	Trujillo, D. R.
HJDC	....	250	z	Medellin, Col., "Ecos de la Montana."
HJFF	....	250	z	Pereira, Colombia, "Ondas de Otun."
HJHA	....	500	z	Pasto, Colombia, "Radio Narino."
KGHF	B	500	a	Pueblo, Colo., Curtis P. Ritchie.
KID	....(5)	500(5)	a	Idaho Falls, Idaho, KID Brdstg. Co.
KRNT	C	5000	a	Des Moines, Iowa, Iowa Brdstg. Co.
KRSO	....	1000	a	Santa Rosa, Calif., Ernest L. Finley.
WADC	C	5000	a	Akron, Ohio, Allen T. Simmons.
WORK	N	1000	a	York, Pa., York Brdstg. Co.
WSMB	R	5000	a	New Orleans, La., WSMB, Inc.
XEQK	....	1000	z	Mexico City, D. F.
XETB	....	500	a	Torreón, Coah., Aurelio G. Zaragoza.
XETM	....	1000	z	Naco, Son.
YV4RA	....	830	b	Valencia, Venezuela, "La Voz de Carabobo."

1360 kcs. (220.4 m.)

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

BROADCASTING STATIONS BY FREQUENCIES

1370 kcs. (218.8 m.)

CMAC	P	100
CMJH	.....	250
HJAI	.....	500
KDTH	.....	1000
KFRO	M	1000
KGIR	EN	5000
KGNO	.....	250(1)
WCOA	N	500(1)
WFEA	R	5000
WPAB	.....	1000
WSPD	R	5000
NEA	.....	1000
XEHF	.....	1000
XEHL	.....	500
XEMR	.....	500
XETQ	.....	250
YVIRW	.....	1000



z	Guanajay, Cuba.
d	Ciego de Avila, Cuba, Luis Marui H.
z	Barranquilla, Colombia "La V. del Litoral"
a	Dubuque, Iowa, Telegraph Herald Co.
a	Longview, Tex., Voice of Longview.
a	Butte, Mont., KGIR, Inc.
c	Dodge City, Kans., Dodge City Brdstg. Co.
a	Pensacola, Fla., Pensacola Brdstg. Co.
a	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, Jal.
z	Monterrey, N. L.
z	Coro, Venezuela, Radio Coro.

1380 kcs. (217.3 m.)

CKPC	.....	100
CMHK	.....	250
HJCI	.....	500
HIDR	.....	250
KBWD	.....	500
KIDO	N	1000(2.5)
KTSM	N	500(1)
KWK	BM	5000
WAWZ	2	1000(5)
WBNX	2	5000
WMBG	PR	5000
WTSP	.....	500(1)
XELF	.....	250
XEMX	.....	500



a	Brantford, Ont., Telephone City Brdstg., Ltd.
z	Cruces, Cuba, R. G. Gonzalez.
z	Bogota, Colombia, "Radio Mundial"
z	Manizales, Colombia, "La V. del Comercio
z	Brownwood, Tex., Brown County Brdstg. Co.
a	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.
a	New York, N. Y., WBNX Brdstg. Co., Inc.
a	Richmond, Va., Havens & Martin, Inc.
a	St. Petersburg, Fla., Pinellas Brdstg. Co.
z	Nuevo Laredo, Tam.
z	Mexico City, D. F.

1390 kcs. (215.7 m.)

CMBX	2	250
CMCB	2	250
CMKR	.....	250
HIFD	.....	450
KCRC	.....	250
KGER	.....	5000
KLPM	.....	1000
KSLM	M	1000
WCSC	C	500(1)
WFBL	C	5000
WGES	GX	5000
WSYB	M	1000
WOBC	D	1000
WTIS	.....	1000
XFM	.....	500
XEKN	.....	250
NETL	.....	250



a	Havana, Cuba, Alberto Alvarez.
a	Havana, Cuba, La Metropolitana.
z	Santiago de Cuba, Jaime Nadal.
z	Manizales, Colombia, "Radio Manizales"
a	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.
a	Charleston, S. C., S. C. Brdstg. Co., Inc.
a	Syracuse, N. Y., Onondaga Radio Brdstg. Corp.
a	Chicago, Ill., Oak Leaves Brdstg. Station, Inc.
a	Rutland, Vt., P. Weiss Music Co.
a	Vicksburg, Miss., Delta Brdstg. Co., Inc.
a	Jackson, Tenn., Sun Pub. Co., Inc.
z	Chihuahua, Chih.
z	Reynosa, Tamps.
z	Tuxpan, Ver. Cruz.

1400 kcs. (214.2 m.)

CFAR	.....	100
CFOS	.....	250
CHRC	.....	100
CKCW	F	250
CKRN	.....	250
CKTW	.....	250
HIAR	.....	250
KELD	.....	250
KENO	.....	250
KFGO	D	100
KFPW	.....	250
KFRU	.....	250
KFVS	.....	250
KGFL	.....	100
KGKL	M	250
KIUN	.....	100
KTUP	.....	250
KLUF	M	250
KORH	.....	250
KOKO	.....	100



a	Flin Flon, Man., Arctic Radio Corp.
a	Owen Sound, Ont., Owen Sound Sun-Times.
a	Quebec, P. Q., CHRC, Ltd.
a	Moncton, N. B., Moncton Brdstg. Co., Ltd.
a	Rouyn, P. Q., La Cie de Radiodiffusion.
z	Camaguey, Cuba.
z	Cartagena, Colombia, "Radio Colonial"
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.
a	San Angelo, Tex., KGKL, Inc.
a	Pecos, Tex., J. Hawkins & B. H. Tubbs.
a	Durango, Colo., San Juan Brdstg. Co.
a	Galveston, Tex., KLUF Brdstg. Co., Inc.
a	Rapid City, S. Dak., Black Hills Brdstg. Co.
a	La Junta, Colo., Southwest Brdstg. Co.

BROADCASTING STATIONS BY FREQUENCIES

KONO	....	250	a	San Antonio, Tex., Mission Brcdstg. Co.
KORN	....	250	a	Fremont, Nebr., Nebraska Brcdstg. Corp.
KRE	....	250	a	Berkeley, Calif., Central Calif. Broadcasters, Inc.
KRKO	3	100(.25)	a	Everett, Wash., Everett Brcdstg. Co., Inc.
KRLC	....	250	a	Lewiston, Idaho, H. E. Studebaker.
KRMC	....	250	a	Jamestown, N. Dak., Jamestown Brcdstg. Co., Inc.
KTEM	M	250	a	Temple, Tex., Bell Brcdstg. Co.
KTNM	....	250	z	Tucumcari, N. Mex.
KTKO	EMN	250	a	Oklahoma City, Okla., Oklahoma Brcdstg. Co., Inc.
KTSW	M	250	a	Emporia, Kans., Emporia Brcdstg. Co., Inc.
KTTS	P	250	z	Springfield, Mo.
KTUC	CE	250	a	Tucson, Ariz., Tucson Brcdstg. Co., Inc.
KVFD	GM	250	a	Fort Dodge, Iowa, Northwest Brcdstg. Co.
KVGB	....	250	a	Great Bend, Kans., Helen Townsley.
KVRS	....	250	a	Rock Springs, Wyo., Wyoming Brcdstg. Co.
KWLK	....	250	a	Longview, Wash., Twin City Brcdstg. Corp.
KWYO	....	250	a	Sheridan, Wyo., Big Horn Brcdstg. Co., Inc.
TGX	....	50	z	Guatemala City, Guatemala
WABY	BM	250	a	Albany, N. Y., Adirondack Brcdstg. Co., Inc.
WAGF	D	250	a	Dothan, Ala., Dothan Brcdstg. Co.
WARM	P	250	z	Scranton, Pa., Union Brcdstg. Co.
WATL	M	250	a	Atlanta, Ga., Atlanta Brcdstg. Co.
WATW	M	100	a	Ashland, Wis., WJMS, Inc.
WBLK	N	250	a	Clarksburg, W. Va., Charleston Brcdstg. Co.
WBNY	2	250	a	Buffalo, N. Y., Roy L. Albertson.
WBTH	....	250	z	Williamson, W. Va., Williamson Brcdstg. Corp.
WBTM	P	250	a	Danville, Va., Piedmont Brcdstg. Corp.
WCBI	....	250	a	Columbus, Miss., Birney Imes.
WCBM	B	250	a	Baltimore, Md., Baltimore Brcdstg. Corp.
WCNC	....	250	z	Elizabeth City, N. C., Albermarle Brcdstg. Corp.
WCOS	....	250	z	Columbia, S. C., Carolina Adv. Corp.
WDAS	....	250	z	Philadelphia, Pa., WDAS, Brcdstg. Station, Inc
WDEF	....	250	a	Chattanooga, Tenn., Joe W. Engel.
WDWS	....	250	a	Champaign, Ill., Champaign News-Gazette, Inc.
WELL	B	250	a	Battle Creek, Mich., Federated Publications, Inc.
WFOA	C	250	a	Evansville, Ind., Evansville, on the Air, Inc.
WEST	M	250	a	Easton, Pa., Associated Broadcasters, Inc.
WFOR	....	250	a	Haffieburg, Miss., Forrest Brcdstg. Co., Inc.
WFTL	....	250	a	Fort Lauderdale, Fla., Tom M. Byran.
WGBR	....	250	a	Goldsboro, N. C., Eastern Carolina Brcdstg. Co.
WGTL	....	250	a	Galesburg, Ill., Galesburg Brcdstg. Co.
WGRC	M	250	a	New Albany, Ind., North Side Brcdstg. Corp.
WHBQ	....	250	a	Memphis, Tenn., WHBQ, Inc.
WHDF	M	250	a	Calumet, Mich., Upper Mich. Brcdstg. Co.
WHKY	....	250	a	Hickory, N. C., Catawba Valley Brcdstg. Co., Inc.
WHLB	C	250	a	Virginia, Minn., Head of the Lakes Brcdstg. Co.
WHUB	....	250	a	Cookeville, Tenn., WHUB, Inc.
WHYN	....	250	a	Holyoke, Mass., Hampden-Hampshire Corp.
WINC	N	250	z	Winchester, Va., Richard Field Lewis.
WIAC	R	250	a	Johnstown, Pa., WJAC, Inc.
WIHO	....	100(.25)	a	Opelika, Ala., Opelika-Auburn Brcdstg. Co.
WILB	....	250	a	Detroit, Mich., John L. Booth Brcdstg., Inc.
WILD	P	250	z	Bessemer, Ala.
WJZM	....	250	z	Clarksville, Tenn. Wm. D. Hudson.
WKMO	....	250	z	Kokomo, Ind., Kokomo Brcdstg. Corp.
WKPT	N	250	a	Kingsport, Tenn., Kingsport Brcdstg. Co., Inc.
WKWK	P	250	z	Wheeling, W. Va.
WLLH	Sx	10-100	a	Lawrence, Mass., Merrimac Brcdstg. Co., Inc.
WLLH	SM	250	a	Lowell, Mass., Merrimac Brcdstg. Co., Inc.
WMAN	....	250	a	Mansfield, Ohio, Richland, Inc.
WMBR	C	250	a	Jacksonville, Fla., Florida Brcdstg. Co.
WMFD	P	250	a	Wilmington, N. C., Richard A. Dunlea.
WMGA	....	250	z	Moultrie, Ga., Frank R. Pidecock, Sr.
WMIN	....	250	a	St. Paul, Minn., WMIN Brcdstg. Co.
WMSL	E	250	a	Decatur, Ala., Tenn. Valley Brcdstg. Co., Inc.
WORD	....	250	a	Spartanburg, S. C., Spartanburg Advertising Co.
WPAY	....	250	a	Portsmouth, Ohio, Scotio Brcstg. Co.
WRAK	....	250	a	WilliamSPORT, Pa., WRAK, Inc.
WRDO	MN	100	a	Augusta, Maine, WRDO, Inc.
WRIN	....	250	a	Racine, Wis., Racine Brcdstg. Corp.
WRRN	C	....	z	Warren, Ohio, Nied & Stevens
WSAU	M	250	a	Wausau, Wis., Northern Brcdstg. Co., Inc.
WSLB	....	250	a	Ogdensburg, N. Y., St. Lawrence Brcdstg. 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 Brcdstg. Co.
XEAT	....	100	z	Navojoa, Son.
XEAM	....	250	z	Matamoros, Tam.
XEDE	....	100	z	Torreón, Coah.
XEF	....	100	a	Juarez, Chih., Gilberto Gil.

BROADCASTING STATIONS BY FREQUENCIES

XEI	....	250
XEJA	....	100
XEKJ	....	250
XEMH	....	100
XEPF	....	200
XETX	....	100
XEXN	....	250
XEXQ	....	100
YV1RC	....	500
YV4RE	....	1000
YV6RA	....	200
	P	250
	P	250

1410 kcs. (212.5 m.)

CKMO	....	1000
CMAQ	....	1000
CMHB	....	250
HJEI	....	100
KERN	BE	1000
KQV	B	1000
WALA	....	5000
WING	N	5000
WKBH	C	5000
WNBC	B	5000
XEBS	....	750
XELC	....	250
XERY	....	500

1420 kcs. (211.1 m.)

CMBD	2	250
CMCQ	2	5000
KABR	....	5000
KUJ	....	1000
WFCl	....	1000
WHK	BKM	5000
WOC	....	1000
WWSR	D	1000
XEDS	....	500
XEF	....	100
XEON	....	2000
XEH	....	1000
XEWE	....	100

1430 kcs. (209.7 m.)

CHEX	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

1440 kcs. (208.2 m.)

CMGH	....	500
CMJI	....	250
HTEL	....	100
HOC	....	100
KFIM	....	500(1)
KGNC	M	1000(5)
KILO	P	500(1)
KMED	N	1000
KPRO	CP	1000
WAAB	M	1000
WBCM	....	500(1)
WHIS	....	500(1)
WROK	M	500(1)
WSFA	E	500(1)

a	Morelia, Micho., Carlos Gutierrez M.
z	Jalapa, Ver. C.
z	Acapulco, Gro.
z	Merida, Yuc.
z	Ensenada, B. Cfa.
z	Casas Grandes, Chih.
z	Guadalajara, Jal.
z	San Luis Potosi, S.L.P.
a	Maracaibo, Venez., "La Voz de la Fe."
a	Valencia, Venez., "Radio Valencia."
a	Bolivar, Venez., "Ecos del Orinoco."
z	Bartlesville, Okla., Bartlesville Bestg. Co.
z	Brainerd, Minn., Brainerd-Bemidji, Co.

a	Vancouver, B. C., B. C. Brdcastg. Sys., Ltd.
z	Pinar del Rio, Cuba
z	Sancti Spiritus, Cuba, V. E. Weiss y Cia.
z	Buga, Colombia
a	Bakersfield, Calif., McClatchy Brdcastg. Co.
a	Pittsburgh, Pa., KQV Brdcastg. Co.
a	Mobile, Ala., Pape Brdcastg. Co.
a	Dayton, Ohio, Great Trails Brdcastg. Corp.
a	La Crosse, Wis., WKBH, Inc.
a	New Britain, Conn., State Brdcastg. Corp.
z	Mexico City, D. F.
z	Laredo, Tam.
z	Agua Prieta, Son.

z	Havana, Cuba, Luiz Perez Marcia.
a	Havana, Cuba, Calle Vista Alegre.
a	Aberdeen, S. Dak., Aberdeen Brdcastg. Co.
a	Walla Walla, Wash., KUI, Inc.
a	Pawtucket, R. I., Pawtucket Brdcastg. Co.
a	Cleveland, Ohio, United Brdcastg. Co.
z	Davenport, Iowa, Tri-City Brdcastg. Co.
z	St. Albans Vt., Vermont Radio Corp., Inc.
z	Mazatlan, Sin.
z	Juarez, Chih.
a	Tijuana, B. Cfa.
z	Monterrey, N. L., "Radio Tarneva"
z	Irapuato, Guanajuato

z	Peterborough, Ontario.
z	Palma Soriano, Cuba, Joaquin Venero Obregon.
z	Tula, Colombia
a	Fresno, Calif., The George Harm Station
a	Ogden, Utah, Interstate Brdcastg. Corp.
z	Tacoma, Wash., Michael J. Mingo
a	Tulsa, Okla., Tulsa Brdcastg. Co., Inc.
z	Pasadena, Calif., So. Calif. Brdcastg. Co.
a	Brooklyn, N. Y., Unified Brdcastg. Corp.
a	Indianapolis, Ind., Indianapolis Brdcastg., 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".

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

BROADCASTING STATIONS BY FREQUENCIES

NEFI 1000
 XELZ 1000

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
 HJEG 500
 HRN 500
 KABC M 250
 KATE E 250
 KBPS 4 100
 KCMC M 250
 KDNT 100
 KEUB EM 250
 KFAM EN 250
 KFBC 250
 KFIZ 250
 KFMB 250
 KGFF EM 250
 KGIW 3 100
 KGLU EN 250
 KIDW 3 100
 KLRM 250
 KMYC 250
 KNET D 100
 KORE M 250
 KRBC M 250
 KRBM EN 250
 KRIC 250
 KSAN 250
 KTRI M 250
 KWBBW 250
 TGO 200
 WACO M 250
 WAGM G 100
 WAOV 250
 WASK P 250
 WAZL M 250
 WCBS N 250
 WCHV 250
 WCRS R 250
 WEED 250
 WFMJ 250
 WFNC P 250
 WFGP 250
 WGL N 250
 WGNB 250
 WGOV 250
 WGPC C 250
 WHDL 250
 WHFC 250
 WHLN P 250
 WHLS 250
 WHMA 250
 WIRM B 250
 WILM 250
 WIMS 250
 WIPA P 250
 WKEU 100
 WKTP 250
 WLJAN P 250
 WLAP M 250
 WLEU B 250
 WLPM 250
 WMAS C 250
 WMRH 250
 WMFT N 250
 WMSD 250
 WMVA 100(25)
 WNAB 250
 WNOE 250
 WPAD 250
 WPAR C 250
 WRIC 250

a Perry Sound, Ont.
 a Prescott, Ont., Radio Ass'n of Prescott.
 a Three Rivers, P.Q., Three Rivers le Nouvelliste.
 a Kenora, Ont., Kenora Brdcastg. 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".
 a San Antonio, Tex., Alamo Brdcastg. Co., Inc.
 a Albert Lea, Minn., Albert Lea Austin Brd. Co. Inc.
 a Portland, Ore., Benson Polytechnic School.
 a Texarkana, Tex., KCMC, Inc.
 a Denton, Tex., Harwell V. Shepard.
 a Price, Utah, Eastern Utah Brdcastg. Co.
 a St. Cloud, Minn., The Times Pub. Co.
 a Cheyenne, Wyo., Frontier Brdcastg. Co.
 a Fond du Lac, Wis., Reporter Printing Co.
 z San Diego, Calif., Worcester Brdcastg. Corp.
 a Shawnee, Okla., KGFF Brdcastg. Co., Inc.
 a Alamosa, Colo., E. L. Allen.
 a Safford, Ariz., Gila Brdcastg. Co.
 a Lamar, Colo., Lamar Brdcastg. Co.
 a La Grande, Ore., Ben E. Stone
 a Marysville, Calif., Marysville-Yuba City Brdcastrs, Inc.
 a Palestine, Tex., Palestine Brdcastg. Corp.
 a Eugene, Ore., Eugene Broadcast Station.
 a Abilene, Tex., Reporter Brdcastg. Co.
 a Bozeman, Mont., KRBM Broadcasters.
 z Sioux City, Iowa, Sioux City Brdcastg. Co.
 a Atchison, Kans., Carl Latenser.
 f Wallace, Idaho, Silver Brdcastg. Co.
 a Hutchinson, Kans., Nations Center Brdcast. Co., Inc.
 a Quezaltenango Guatemala, Director of Elec. Comm.
 b Waco, Tex., Frontier Brdcastg. Co., Inc.
 a Presque Isle, Maine, Aroostook Brdcastg. Corp.
 a Vincennes, Ind., Vincennes News Papers, Inc.
 z Lafayette, Ind., WFAM, Inc.
 a Hazelton, Pa., Hazelton Brdcastg. Service, Inc.
 a Springfield, Ill., WCBS, Inc.
 a Charlottesville, Va., Community Brdcastg. Corp.
 z Greenwood, S. C., Greenco, Inc.
 a Rocky Mount, N. C., Wm. Avera Wynne.
 a Youngstown, Ohio, Wm. F. Maar, Jr.
 a Fayetteville, N. C., Cumberland Brdcastg. Co.
 a Atlantic City, N. J., Neptune Brdcastg. Corp.
 a Fort Wayne, Ind., Westinghouse Radio Stations, Inc.
 z Gastonia, N. C., WGNC, Inc.
 a Valdosta, Ga., Governor E. D. Rivers.
 a Albany, Ga., Albany Brdcastg. Co., Inc.
 a Olean, N. Y., WHDL, Inc.
 a Cicero, Ill., WHFC, Inc.
 z Harlan, Ky., Blanford Radio Co., Inc.
 a Port Huron, Mich., Port Huron Brdcastg. Co.
 a Anniston, Ala., Harry M. Ayers.
 a Jackson, Mich., WIRM, Inc.
 a Wilmington, Del., Delaware Brdcastg. Co.
 a Ironwood, Mich., WIMS, Inc.
 z Washington, Pa., Washington Brdcastg. Co.
 a Griffin, Ga., Station WKEU.
 z Poughkeepsie, N. Y., Poughkeepsie Brdcastg. Corp.
 a Endicott, N. Y., Thomas I. Watson.
 a Lexington, Ky., American Brdcastg. Corp.
 a Erie, Pa., WLEU Brdcastg. Corp.
 a Suffolk, Va., Suffolk Brdcastg. Corp.
 a Springfield, Mass., WMAS, Inc.
 a Joplin, Mo., Joplin Brdcastg. Co.
 a Daytona Beach, Fla., W. Wright Esch.
 a Muscle Shoals City, Ala., Muscle Shoals Brd. Corp.
 z Martinsville, Va., Martinsville Brdcastg. Co.
 z Bridgeport, Conn., Harold Thomas
 a New Orleans, La., WNOE, Inc.
 a Paducah, Ky., Paducah Brdcastg. Co.
 a Parkersburg, W. Va., Ohio Valley Brdcastg. Corp.
 z Toccoa, Ga., R. G. Le Tourneau

BROADCASTING STATIONS BY FREQUENCIES

WSLI	....	250	a	Jackson, Miss., Standard Life Brdcastg. Co.
WSPB	....	250	a	Sarasota, Fla. WSPB, Inc.
WWDB	..P	250	z	Washington, D. C., Capital Brdcastg. Co.
XEBJ	....	100	a	Victoria, Tam., Fernando Elizalde.
XEBQ	....	250	z	Torreón, Coah., Maria Refugio Acosta.
XEDJ	....	100	z	Magdalena, Son.
XEFK	....	100	z	Merida, Yuc., Manuel Zapata Espinosa.
XEGC	....	100	z	Zamora, Micho., Guillermo Calzada.
XEJX	....	250	z	Queretaro, Que.
XEPP	....	250	z	Orizaba, Ver.
XERK	....	100	z	Tejic, Nay.
XETA	..P	250	z	Tapachula, Chia.
XEXE	....	100	z	Ixcoco, Mex.
XEXP	....	100	z	Matamoros, Tam.
	....	250	z	New Bern, N. C., Coastal Bcstg. Co.

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

1470 kcs. (204 m.)

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

1480 kcs. (202.6 m.)

CHGS	..F	50	a	Summerside, P.E.I., R. T. Holman, Ltd.
CIVI	....	500	a	Victoria, B. C., Victoria Brdcastg. As'n.
CMHX	....	250	a	Cienfuegos, Cuba, I. Garcia R.
HIDL	....	500	z	Medellin, Col., "Ecos del Occidente"
KCMO	..S	1000(5)	a	Kansas City, Mo., KCMO Brdcastg. Co.
KGCX	..F	1000	a	Wolf Point, Mont., E. E. Krebsback.
KIEM	..M	500(1)	a	Eureka, Calif., Redwood Brdcastg. Co.
KTBS	..N	1000	a	Shreveport, La., Tri-State Brdcastg. Sys., Inc.
WGAR	..C	1000(5)	a	Cleveland, Ohio, WGAR Brdcastg. Co.
WHOM	....	500(1)	a	Jersey City, N. J., N. J. Brdcastg. Corp.
WRDW	..CP	5000	a	Augusta, Ga., Augusta Brdcastg. Co.
WSAR	..M	1000	f	Fall River, Mass., Doughty & Welch Elec. Co., Inc.
XEXZ	....	5000	z	Tlaxcala, Tlax.

1490 kcs. (201.2 m.)

CHLP	..F	250	a	Montreal, P.Q., La Patrie Pub. Co.
CITC	..F	250	a	Sault Ste. Marie, Ont., Whitby & Hyland.
CMH	..P	100	z	Medicine Hat, Alta.
CMCA	..2	250	a	Havana, Cuba, Tester v Gonzalez.
CMKF	....	250	z	Holguin, Cuba, Manuel De Gongora.
CMOX	..2	250	a	Havana, Cuba, Perez v Chisholm.
HJDU	....	250	z	Medellin, Colombia
KBIX	..EM	250	a	Muskogee, Okla., Okla. Press Pub. Co.

BROADCASTING STATIONS BY FREQUENCIES

KBKR	....	250	a	Baker, Ore., Baker Brdctg. Co.
KBST	M	100	a	Big Spring, Tex., Big Spring Herald Brdctg. Co.
KBCR	....	250	z	Burlington, Iowa, Burlington Brdctg. Co.
KDB	EM	250	a	Santa Barbara, Calif., Santa Barbara Brdctrs., Ltd.
KDRO	....	250	z	Sedalia, Mo., Drolch Bros.
KEYS	....	250	a	Corpus Christi, Tex., Nueces Brdctg. Co.
KFFA	P	250	z	Helena, Ark., Helena Brctg. Co.
KEEW	....	100(.25)	a	Brownsville, Tex. Eagle Brdctg. Co., Inc.
KGKB	M	250	a	Tyler, Tex. East Texas Brdctg. Co.
KGKY	....	250	a	Scottsbluff, Nebr., Hilliard Co.
KNEL	....	100(.25)	a	Brady, Tex., G. L. Burns.
KNOW	M	250	a	Austin, Tex., Frontier Brdctg. Co., Inc.
KONB	....	250	z	Omaha, Nebr.
KOTN	....	250	a	Pine Bluff, Ark., Universal Brdctg. Corp.
KOVC	....	250	a	Valley City, N. Dak., KOVC, Inc.
KPAB	....	250	a	Laredo, Tex., Mervel M. Valentine.
KPLC	....	250	a	Lake Charles, La., Calcasieu Brdctg. Co.
KPLT	M	250	a	Paris, Tex., North Texas Brdctg. Co.
KRNR	PM	250	a	Roseburg, Ore., News-Review Pub. Co.
KSAM	D	250	a	Huntsville, Tex., Radio Station KSAM
KTBI	....	250	z	Tacoma, Wash., Tacoma Broadcasters, Inc.
KTOH	....	250	a	Lihue, Hawaii, Garden Island Pub. Co., Ltd.
KVOE	M	250	a	Santa Ana, Calif., Voice of the Orange Empire, Inc.
KVWC	M	250	a	Vernon, Tex., Northwestern Brdctg. Co.
KWEW	....	100	a	Hobbs, N. Mex., W. E. Whitmore.
KXO	M	100	a	El Centro, Calif., Valradio Co., Inc.
KYCA	E	250	a	Prescott, Ariz., Southwest Brdctg. Co.
WBAB	C	250	a	Atlantic City, N. J., Press Union Pub. Co.
WBTA	P	250	z	Batavia, N. Y., Batavia Brdctg. Corp.
WDAN	....	250	a	Danville, Ill., Northwestern Pub. Co.
WDBC	P	250	z	Escanaba, Mich., Delta Brdctg. Co.
WDNC	C	250	a	Durham, N. C., Durham Radio Corp.
WERC	C	100(.25)	a	Erie, Pa., Presque Isle Brdctg. Corp.
WGAL	N	250	a	Lancaster, Pa., WGAL, Inc.
WGKV	N	100	a	Charleston, W. Va., Kanawah Valley Brdctg. Co.
WGTC	....	250	a	Greenville, N. C., Greenville Brdctg. Co.
WHBB	....	100	a	Selma, Ala., Selma Brdctg. Co., Inc.
WIGM	....	250	z	Medford, Wis., Geo. F. Meyer.
WJBK	....	250	a	Detroit, Mich., J. F. Hopkins, Inc.
WKBB	N	250	a	Dubuque, Iowa, Sanders Bros.
WKBV	....	100	a	Richmond, Ind., Knox Radio Corp.
WKBZ	....	250	a	Muskegon, Mich., Ashbacker Radio Corp.
WKNY	....	250	a	Kingston, N. Y., Kingston Brdctg. Corp.
WKRO	P	250	z	Cairo, Ill., Oscar C. Hirsch.
WMIS	P	250	z	Natchez, Miss., Natchez Brdctg. Co.
WMJM	....	100(.25)	a	Cordele, Ga., Cordele Dispatch Pub. Co., Inc.
WMOG	....	100(.25)	a	Brunswick, Ga., Coastal Brdctg. Co.
WMRC	....	250	a	Greenville, S. C., Textile Brdctg. Co.
WMRF	P	250	a	Lewistown, Pa., Lewistown Brdctg. Co.
WMRN	....	250	z	Marion, Ohio, Marion Brdctg. Co.
WNLC	M	250	a	New London, Conn., Thames Brdctg. Corp.
WOLF	....	250	a	Syracuse, N. Y., Civic Brdctg. Corp.
WOMI	....	250	a	Owensboro, Ky., Owensboro Brdctg. Co.
WOPI	....	250	a	Bristol, Tenn. Radiophone Station WOPI.
WOSH	P	250	z	Oshkosh, Wis., Howard H. Wilson
WRGA	....	250	a	Rome, Ga., Rome Brdctg. Corp.
WSLS	....	250	a	Roanoke, Va., Roanoke Brdctg. Corp.
WSTP	M	250	a	Salisbury, N. C., Piedmont Brdctg. Corp.
WTMC	....	100	a	Ocala, Fla., Ocala Brdctg. Co., Inc.
WTMV	....	250	a	East St. Louis, Ill., Miss. Valley Brdctg. Co., Inc.
WWSW	....	250	a	Pittsburgh, Pa., Walker & Downing Radio Corp.
XECH	....	250	z	Toluca, Mex.
XEDR	....	100	z	Guaymas, Son., Modeste Ortega.
XEGT	....	100	z	Guadalajara, Jal.
XEJR	....	100	z	Parral, Chih.
XEOB	P	100	z	Gomez Palacio, Dgo.
XETR	....	100	z	Madero, Tam.
XEXF	....	100	z	Veracruz, Ver. C.
XEXU	....	100	z	Saltillo, Coah.
YV4RR	....	750	a	Puerto Cabello, Venez. "Radio Pto. Cabello".
XELY	....	150	z	Aguascaliente, Ags., Mex.

1500 kcs. (199.9 m.)

KSTP	MR	50000	a	St. Paul, Minn., KSTP, Inc.
WISV	C	50000	a	Washington, D. C., CBS, Inc.
XERH	....	500	z	Mexico City, D. F.
....	....	100	z	Fort de France, Martinique, "Radio Fort de Fr."

BROADCASTING STATIONS BY FREQUENCIES

1510 kcs. (198.6 m.)

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

z	[]
z	Palмира, Colombia "Radio Palmira"
a	Spokane, Wash., Louis Wasmer.
Ca	Nashville, Tenn., WLAC Brdctsg. Serv.
a	Boston, Mass., The Northern Corp.

1520 kcs. (197.3 m.)

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

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

1530 kcs. (196 m.)

KFBK	BE	10000
WCKY	C	50000

a	[]
a	Sacramento, Calif., McClatchey Brdctsg. Co.
a	Cincinnati, Ohio, L. B. Wilson, Inc.

1540 kcs. (194.7 m.)

CMBH	....	5000
HJFI	....	500

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

1550 kcs. (193.4 m.)

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

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

1560 kcs. (112.2 m.)

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

d	[]
a	Caibarien, Cuba, Manuel Alvarez M.
a	New York, N. Y., Interstate Brdctsg. Co.

1570 kcs. (191.0 m.)

CFPL	F	1000
XEAW	....	100000

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

1580 kcs. (189.8 m.)

CBJ	FP	250
CMCI	2	250
CMCR	2	250
TMJQ	....	250

a	[]
a	Chicoutimi, P. Q., Canadian Bcstg. Corp.
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	B	5000
WALB	....	1000
WBRY	CM	5000
XEMC	....	5000
	P	5000

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

1600 kcs. (187.4 m.)

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

a	[]
a	Bakersfield, Calif., Pioneer Mercantile Co.
a	Brooklvn, N. Y., Arthur Faske
a	Woodside, N. Y., Long Island Brdctsg. Corp.
z	Villa Acuna, Coah.

ANSWERS

Continuation from page 49

L. M. Jenson, Box 35, Cowely, Wyo-
ming.

For James O. Weaver: My thanks for answers to my questions concern-
ing Colombian stations. HJAN has
already been verified from information
you sent quite some time ago, and
I have lost any information I might

have taken down on HJGE. They
were only heard for a few minutes
signing off if I remember correctly."
Hal Robie, 188 Bristol St., Spring-
field, Mass.

For Ken Brown: "Station you are
hearnig is HUB 5556 kcs. in El Sal-
vador. QRA. Director Gen. de Com-
municaciones Electricas, San Salvador,
El Salvador. They want ten cents."
James G. Wedewer, Dyersville, Ia."

BROADCASTING STATIONS BY LOCATIONS

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

THE UNITED STATES OF AMERICA

ALABAMA

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

ALASKA

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

ARIZONA

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

Tucson
KTUC 1400
KVOA 1290

Yuma
KYUM 1240

ARKANSAS

Blotcheville
KLCN 900

El Dorado
KELD 1400

Fort Smith
KFWP 1400

Helena
KFPA 1490

Hot Springs
KTHS 1090
KWFC 1340

Jonesboro
KBTM 1230

Little Rock
KARK 920
KGHT 1230

KLRA 1010

Pine Bluff
KOTN 1490

Siloam Springs
KUOA 1290

CALI-FORNIA

Bakersfield
KERN 1410
KPMC 1600

Berkeley
KRE 1400

Beverly Hills
KMPC 710

Chico
KHSL 1290

El Centro
KXO 1490

Eureka
KIEM 1480

Fresno
KARM 1430
KMI 580
KFRE 1340

Glendale
KIEV 870

Long Beach
KFOX 1280
KGER 1390

Los Angeles
KECA 790
KFAC 1330
KFI 640
KFSG 1150
KFVD 1020
KFWB 980

KGJF 1230
KHJ 930
KMTR 570
KNX 1070
KRKD 1150

Marysville
KMYC 1450

Merced
KYOS 1080

Modesto
KTRB 860

Monterey
KDON 1240

Oakland
KLS 1310
KT X 910
KROW 960

Pasadena
KDas 1110
KPPC 1240

KWKW 1430

Redding
KVCV 1230

Riverside
KPRO 1440

Sacramento
KFBK 1530
KROY 1240

San Bernar-
dino
KFXM 1240

San Diego
KFMB 1450
KFSD 600
KGB 1360

San Francisco
KFRC 610
KGO 810
KIBS 1100
KPO 680
KSN 1450
KSFO 560
KYA 1260

San Jose
KQW 1010

San Luis
Obispo
KVEC 1230

Santa Ana
KVOE 1490

Santa Barbara
KDB 1490
KTMS 1250

Santa Rosa
KSRO 1350

Stockton
KGDM 1130
KWG 1230

Visalia
KTKC 940

Watsonville
KHUB 1340

COLORADO

Alamosa
KGIW 1450

Colorado
Springs
KVOR 1300

Denver
KFEL 950
KLZ 560
KMYR 1330
KOA 850
KPOF 910
KVOD 630

Durango
KIUP 1400

Grand
 Junction
KFXJ 920

Greeley
KFKA 910

La Junta
KOKO 1400

Lamar
KIDW 1450

Pueblo
KGHF 1350

Sterling
KGEK 1230

CONNEC- TICUT

Bridgeport
WICC 600
WNAB 1450

Hartford
WDRS 1360
WTIC 1080
WTHT 1230

New Britain
WNBC 1410

New Haven
WELI 960

New London
WNTC

Stamford
WSRR 1400

Waterbury
WATR 1320
WBRY 1590

DELAWARE

Wilmington
WDEL 1150
WILM 1450

DISTRICT OF COLUMBIA

Washington
WINX 1340
WTVS 1500
WMAL 630
WOL 1260
WRC 980
WVDC 1450

FLORIDA

Daytona
Beach
WMFI 1450

De Land
WPER 1340

Ft. Lauderdale
WFTL 1400

Ft. Myers
WFTM 1240

Gainesville
WR

Jacksonville
WJAX 930
WTHP 1320
WMBR 1400

Lakeland
WFLK 1340

Lakeworth
WVWP 1340

Miami
WIOD 610
WQAM 560

Miami Beach
WKAT 1360

Ocala
WTMC 1490

Orlando
WDBO 580
WTOF 1230

Panama City
WDLP 1230

Pensacola
WCOA 1370

St. Augustine
WFOY

St. Petersburg
WSUN 620
WTSP 1380

Sarasota
WSPB 1450

Tallahassee
WTAL 1340

Tampa
WDAE 1250
WFLA 940

West Palm
Beach
WJNO 1220

GEORGIA

Albany
WALB 1500
WGPC 1450

Athens
WGAU 1340

Atlanta
WAGA 1480
WATL 1400
WGST 920
WSB 750

Augusta
WAGA 590
WRDW 1480

Brunswick
WMOG 1490

Cedartown
WGAA 1340

Columbus
WRBL 1230

Cordele
WMJM 1490

Dalton
WBLI 1230

BROADCASTING STATIONS BY LOCATIONS

Gainesville
WGGG 1210
Griffin
WKUE 1450
La Grange
WLAG 1240
Macon
WBML 1240
WMAZ 940
Moultrie
WMGA 1400
Rome
WRGA 1490
Savannah
WSAV 1340
WTOG 1200
Thomasville
WPAX 1240
Toccoa
WRIC 1450
Valdosta
WGOV 1450
Waycross
WAYX 1230
West Point
WDAK 1340

HAWAII

Hilo
KHBC 1230
Honolulu
KGMB 500
KGU 760
Lihue
KTOH 1490

IDAHO

Boise
KIDO 1380
Idaho Falls
KID 1350
Lewiston
KRLC 1400
Nampa
KFXD 1230
Pocatello
KSEI 930
Twin Falls
KTPI 1270
Wallace
KWAL 1450

ILLINOIS

Aurora
WMRO 1280
Bloomington
WJBC 1230
Cairo
WKRO 1490
Carthage
WCAZ 1080
Champaign
WDWS 1400
Chicago
WAFF 950
WBBM 780
WAIT 820
WCFL 1000

WCRW 1240
WEDC 1240
WENR 890
WGFS 1390
WGN 720
WJJD 1160
WLS 890
WMAQ 670
WMBI 1110
WSBC 1240

Cicero
WHFC 1450
Danville
WDAN 1490
Decatur
WSOY 1340
East St. Louis
WTMV 1490
Galesburg
WGIL 1400
Harrisburg
WEBQ 1240
Herrin
WJPF 1340
Jacksonville
WJLS 1180
Joliet
WCLS 1340
Peoria
WMBD 1470
Quincy
WTAD 930
Rockford
WROK 1440
Rock Island
WHBF 1270
Springfield
WCBS 1450
WTAX 1240
Tuscola
WDZ 1050
Urbana
WILL 580

INDIANA

Anderson
WHBU 1240
Elkhart
WTRC 1340
Evansville
WEOA 1400
WGBF 1280
Fort Wayne
WGL 1450
WOWO 1190
Gary
WIND 560
Hammond
WHIP 1520
WJOB 1230
Indianapolis
WFBM 1260
WIBC 1070
WIRE 1430
WISH 1310
Kokomo
WKMO 1400
Lafayette
WASK 1450
Muncie
WLBC 1340
New Albany
WGRC 1400
Richmond
WKBV 1490
South Bend
WSBT 960

Terre Haute
WBOW 1230
Vincennes
WAOV 1450
West Lafayette
WBAA 920

IOWA

Ames
WOI 640
Boone
KFGQ 1260
Burlington
KBUR 1490
Cedar Rapids
WMT 600
Clinton
KROS 1340
Davenport
WOC 1420
Decorah
KWLC 1240
Des Moines
KRNT 1350
KSO 1460
WHO 1040
Dubuque
KDTH 1370
WKBB 1490
Port Dodge
KVF 1400
Iowa City
WSUI 910
Marshalltown
KFTB 1230
Mitchellville
W9XC 1040
Mason City
Ottumwa
KBIZ 1240
Shenandoah
KFNF 920
KMA 960
Sioux City
KSCI 1360
KTRI 1450

KANSAS

Atchinson
KVAK 1450
Coffeyville
KGGF 690
Dodge City
KGNO 1370
Emporia
KTSW 1400
Garden City
KIUL 1240
Great Bend
KVGB 1400
Hutchinson
KWBW 1450
Kansas City
KCKN 1340
Lawrence
KFKU 1250
WREN 1250
Manhattan
KSAC 580
Pittsburg
KOAM 810

Salina
KSAL 1150
Copeka
WIBW 580
Wichita
KANS 1240
KFBI 1070
KFH 1330

KENTUCKY

Ashland
WCM 1340
Bowling Green
WLB 1340
Harlan
WHLN 1450
Jenderson
WSON 860
Hopkinsville
WHOP 1230
Lexington
WLAP 1450
Louisville
WAVE 970
WHAS 840
WINN 1240
Owensboro
WOMI 1490
Paducah
WPAD 1450

LOUISIANA

Alexandria
KALB 1240
Baton Rouge
WJBO 1150
Lafayette
KVOL 1340
Lake Charles
KPLC 1490
Monroe
KMLB 1230
New Orleans
WDSU 1280
WIBW 1230
WNOE 1450
WSMB 1350
WWL 870
Shreveport
KRMD 1340
KTBS 1480
KWKH 1130

MAINE

Augusta
WRDO 1400
Bangor
WABI 1230
WLBZ 620
Lewiston
WCOU 1240
Portland
WCSH 970
WGAN 560
Presque Isle
WAGM 1450

MARYLAND

Baltimore
WBAL 1000
WBAL 770

WCAO 600
WCBM 1400
WFRB 1300
WITH 1230
Cumberland
WTBO 820
Frederick
WFMD 930
Hagerstown
WJEJ 1240
Salisbury
WBOC 1490

MASSACHUSETTS

Boston
WAAB 1440
WBZ 1030
WCOP 1150
WEEL 590
WHDH 850
WMEX 1510
WNAO 1260
WORL 950
Fall River
WSAR 1080
Fitchburg
WEIM 1340
Greenfield
WHA1 1240
Holyoke
WHYN 1400
Hyannis
WOCB 1240
Lawrence
WFLW 680
WLLH 1400
Lowell
WLLH 1400
New Bedford
WNBH 1340
Pittsfield
WBRK 1340
Salem
WESX 1230
Springfield
WBZA 1030
WMA5 1450
WSPR 1270
Worcester
WMAW 1230
WORC 1310
WTAG 580

MICHIGAN

Battle Creek
WELL 1400
Bay City
WBCM 1440
Calumet
WHDF 1400
Detroit
WTBK 1400
WTLB 1400
WTR 760
WWJ 950
WXYZ 1270
East Lansing
WKAR 870
Pescanaba
WDRC 1400

BROADCASTING STATIONS BY LOCATIONS

Flint
WDFD 910

Grand Rapids
WASH 1340
WLAV 1340
WOOD 1300

Ironwood
WJMS 1450

Jackson
WIBM 1450

Kalamazoo
WKZO 590

Lansing
WJIM 1240

Lapeer
WMPC 1230

Marquette
WDMJ 1340

Muskegon
WKBZ 1490

Pontiac
WCAR 1130

Port Huron
WHLS 1450

Royal Oak
WEXL 1340

Saginaw
WHAL 980
WSAM 1230

Sault Ste. Marie
WSEO 1230

Traverse City
WTCM 1400

MINNE-SOTA

Albert Lea
KATE 1450

Brainerd
 1400

Duluth
KDAL 610
WEBC 1320

Fergus Falls
KGDE 1230

Hibbing
WMFG 1240

Mankato
KYSM 1230

Minneapolis
WCCO 830
WDGY 1130
WLB 770
WLOL 1330
WTCN 1280

Moorhead
KVOX 1340

Northfield
WCAL 770

Rochester
KROC 1340

St. Cloud
KFAM 1450

St. Paul
KSTP 1500
WMIN 1400

Virginia
WHLB 1400

Willmar
KWLM 1340

Winona
KWNO 1230

MISSISSIPPI

Columbus
WCBI 1400

Greenville
WJPR 1340

Greenwood
WGRM 1240

Gulfport
WGCM 1240

Hattiesburg
WFOR 1400

Jackson
WJDX 1300
WSLI 1450

Laurel
WAML 1340

McComb
WSKB 1230

Meridian
WCOC 910

Natchez
WMIS 1490

Vicksburg
WQBC 1390

MISSOURI

Cape Girardeau
KFVS 1400

Clayton
KFUO 850

Columbia
KFRU 1400

Hannibal
KHMO 1340
Jefferson City
KWOS 1240

Joplin
WMBH 1450

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

Poplar Bluff
KWOC 1340

St. Joseph
KFEQ 680

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

Sedalia
KDRO 1490

Springfield
KGFX 1260
KTTS 1400
KWTO 560

MONTANA

Billings
KGHL 790

Bozeman
KRBM 1450

Butte
KGIR 1370

Great Falls
KFBB 1310

Helena
KPFA 1240

Kalispell
KGEZ 1340

Miles City
KRJF 1340

Missoula
KGVO 1290

Wolf Point
KGCX 1480

NEBRASKA

Fremont
KORN 1400

Grand Island
KMMJ 750

Hastings
KHAS 1230

Kearney
KGFV 1340

Lincoln
KFAB 780
KFOR 1240

Norfolk
WJAG 1090

North Platte
KGNF 1460

Omaha
KOIL 1290

KOWH 660
WOW 590

Scottsbluff
KGKY 1490

NEVADA

Las Vegas
KENO 1400

Reno
KOH 630

NEW HAMPSHIRE

Keene
WKNE 1290

Laconia
WLNH 1340

Manchester
WFAA 1370
WHUR 610

Portsmouth
WHIEB 750

NEW JERSEY

Asbury Park
WCAP 1310

Atlantic City
WRAB 1300
WFG 1450

Bridgeton
WSNJ 1240

Camden
WCAM 1310

Jersey City
WAAT 970
WHOM 1480

Newark
WHBI 1280

Paterson
WPAT 930

Red Bank
WBRB 1240

Trenton
WTNI 1310
WTTM 920
KICA 1240

Zarephath
WAWZ 1380

NEW MEXICO

Albuquerque
KGGM 1240
KOB 770

Carlsbad
KAVE 1240

Clovis
KICA 1400

Hobbs
KWEW 1490

La Vegas
KFUN 1230

Roswell
KGFL 1400

Santa Fe
KVSF 1340

Tucumcari
KTNM 1400

NEW YORK

Albany
WABY 1400
WOKO 1460

Auburn
WMBO 1340

Batavia
WBTA 1490

Binghamton
WNBF 1290

Brooklyn
WBVN 1430
WBBR 1330
WCNW 1600

Buffalo
WBEN 930
WBNY 1400
WEBR 1340
WGR 550
WKBW 1520
WWSV 1400

Elmira
WENY 1230

Endicott
WLAN 1450

Freeport
WGBB 1240

Ithaca
WHCU 870

Jamestown
WJTN 1240

Kingston
WKNY 1490

Middletown
1330

Newburgh
WGNV 1220

New York
WABC 880
WBNX 1380
WEAF 660
WEVD 1330
WHN 1950
WINS 1000
WJZ 770
WMOA 570
WNEW 1130
WNYC 850
WOR 710
WOV 1280
WQXR 1360

Niagara Falls
WHLD 1290

Ogdensburg
WSLB 1400

Olean
WHDL 1450

Plattsburg
WMFF 1340

Poughkeepsie
WKIP 1450

Rochester
WHAM 1180
WHEC 1460
WSAY 1240

Saranac Lake
WNBZ 1320

Schenectady
WGY 810

Syracuse
WAGE 620
WFBL 1390
WOLF 1490
WSYR 570

Troy
WHAZ 1330
WTRY 980

Utica
WIBX 1230

Watertown
WATN 1240
WVNY 1300

White Plains
WEAS 1240

Woodside
WWRL 1600

NORTH CAROLINA

Asheville
WISE 1230
WWNC 570

Burlington
WBBS 920

Charlotte
WAYS 610
WBT 1110
WSOC 1240

Durham
WDNC 1490

Elizabeth City
WCNC 1400

Fayetteville
WFNC 1450

Gastonia
WGNC 1450

BROADCASTING STATIONS BY LOCATIONS

Goldsboro
 WGBR 1400
Greensboro
 WBIG 1470
 WGBG 980
Greenville
 WGTC 1490
Hickory
 WHKY 1400
High Point
 WMFR 1230
Kinston
 WFTC 1230
Raleigh
 WPTF 680
 WRAL 1240
Roanoke Rapids
 WCBT 1230
Rocky Mount
 WEED 1450
Salisbury
 WSTP 1490
Wilmington
 WMFD 1400
Wilson
 WGTM 1340
Winston-
Salem
 WAJR 1340
 WSJS 600

NORTH DAKOTA

Bismarck
 KFYZ 550
Devils Lake
 KDLR 1240
Fargo
 WDAY 970
Grand Forks
 KFIM 1440
 KILO 1440
Jamestown
 KRMC 1400
Mandan
 KGCU 1270
Minot
 KLPN 1390
Valley City
 KOVC 1490

OHIO

Akron
 WADC 1350
 WAKR 1590
 WJW 1240
Ashtabula
 WICA 970
Canton
 WHBC 1230
Cincinnati
 WKCY 1530
 WCPO 1230
 WKRC 550
 WLW 700
 WSAI 1360
Cleveland
 WCLE 610
 WGAR 1480

W.H.K. 1420
WTAM 1100
Columbus
 WBNS 1460
 WCOL 1230
 WHKC 640
 WOSU 820
Dayton
 WHIO 1290
 WING 1410
Findlay
 WFIN 1330
Lima
 WLOK 1240
Mansfield
 WMAN 1400
Marion
 WMRN 1490
Portsmouth
 WPAY 1400
Springfield
 WIZE 1340
Steubenville
 WSTV 1340
Toledo
 WSPD 1370
 WTOL 1230
Warren
 WRRN 1400
Youngstown
 WYMI 1450
 WKBN 570
Zanesville
 WHIZ 1240

OKLA- HOMA

Ada
 KADA 1230
Ardmore
 KVSQ 1240
Bartlesville
 1400
Elk City
 KASA 1240
Enid
 KCRC 1390
Lawton
 KSWO 1150
Muskogee
 KBIK 1400
Norman
 WNAD 640
Oklahoma City
 KOCY 1340
 KOMA 1520
 KTOK 1400
 WKY 930
Okmulgee
 KHBG 1240
Ponca City
 WBBZ 1230
Shawnee
 KGFF 1450
Fulsa
 KOMA 1340
 KTUL 1430
 KVOO 1170

OREGON

Albany
 KWIL 1240
Astoria
 KAST 1230
Baker
 KBKR 1490

Bend
 KBND 1340
Corvallis
 KOAC 550
Eugene
 KORE 1450
Grants Pass
 KUIN 1340
Klamath Falls
 KFJI 1240
La Grande
 KLRM 1450
Marshfield
 KOOS 1230
Medford
 KMED 1440
Pendleton
 KWRC 1240
Portland
 KALE 1330
 KBPS 1450
 KEX 1190
 KGW 620
 KOIN 970
 KWJJ 1080
 KXL 1450
Roseburg
 KRRR 1490
Salem
 KSLM 1390
The Dalles
 KODL 1230

PENN- SYLVANIA

Allentown
 WCBA 1470
 WSN 1470
Altoona
 WFBG 1340
Butler
 WISR 680
DuBois
 WCED 1230
Easton
 WEST 1400
Erie
 WERC 1490
 WLEU 1450
Glenside
 WIBG 990
Greensburg
 WHJB 620
Grove City
 WSAJ 1340
Harrisburg
 WHP 1460
 WKBO 1230
Hazleton
 WAZL 1450
Johnstown
 WTAC 1400
Lancaster
 WGAT 1490
Lewistown
 WMRF 1490
New Castle
 WKST 1280
New Kensington
 WKPA 1150

Philadelphia
 KYW 1060
WCAU 1210
 WDAZ 1400
 WFIL 560
 WHAT 1340
 WIP 610
 WPEN 950
 WTEL 1340
Pittsburgh
 KDKA 1020
 KOV 1410
 WCAE 1250
 WTAS 1320
 WWSW 1490

Reading
 WEEU 850
 WRAW 1340

Scranton
 WARM 1400
 WGBI 910
 WQAN 910

Sharon
 WPIC 790

Sunbury
 WKOK 1240

Uniontown
 WMBS 590

Washington
 WJPA 1450

Wilkes-Barre
 WBAX 1240
 WBRE 1340

Williamsport
 WRAK 1400

York
 WORK 1350

PUERTO RICO

Mayaguez
 WPRa 790

Ponce
 WPAB 1370
 WPRP 1520

San Juan
 WIAC 580
 WKAQ 620
 WNEL 1320

RHODE ISLAND

Pawtucket
 WFCl 1420

Providence
 WEAN 790
 WJAR 920
 WPRO 630

SOUTH CAROLINA

Anderson
 WAIM 1230

Charleston
 WCSC 1390
 WTMA 1250

Columbia
 WCOS 1400
 WIS 560

Florence
 WOLS 1230
Greenville
 WFBC 1330
 WMRC 1490

Greenwood
 WCRS 1450

Spartanburg
 WORD 1400
 WSPA 950

Sumter
 WFIG 1340

SOUTH DAKOTA

Aberdeen
 KABR 1420

Pierre
 KGFX 630

Rapid City
 KOBH 1400
 WCAT 1230

Sioux Falls
 KFEL 1230
 KSOO 1140

Vermillion
 KUSD 920

Watertown
 KWAT 1240

Yankton
 WNAX 570

TENNES- SEE

Bristol
 WOPI 1490

Chattanooga
 WAPO 1150
 WDFE 1400
 WDDO 1310

Clarksville
 WJZM 1400

Cookeville
 WHUB 1400

Jackson
 WTJS 1390

Johnson City
 WJHL 910

Kingsport
 WKPT 1400

Knoxville
 WBIR 1240
 WNOX 990
 WROL 620

Memphis
 WHBQ 1400
 WMC 790
 WMPS 1460
 WREC 600

Nashville
 WLAC 1510
 WSIX 980
 WSM 650

BROADCASTING STATIONS BY LOCATIONS

TEXAS

Abilene
KRBC 1450

Amarillo
KFDA 1230
KGNC 1440

Austin
KNOW 1490
KTBC 1150

Beaumont
KFDM 560
KRIC 1450

Big Spring
KBST 1490

Brady
KNEL 1490

Brownsville
KEEW 1490

Brownwood
KBWD 1380

College Station
WTAW 1150

Corpus Christi
KEYS 1490
KRIS 1360

Corsicana
KAND 1340

Dallas
KRLD 1080
KSKY 660
WFAA 820
WRR 1310

Denton
KDNT 1450

Dublia
KFPL 1340

El Paso
KR0D 600
KTSM 1380

Fort Worth
KFJZ 1270
KGKO 570
WBAP 820

Galveston
KLUF 1400

Harlingen
KGBS 1240

Houston
KPRC 950
KTRH 740
KXYZ 1470

Huntsville
KSAM 1490

Kilgore
KOCA 1240

Laredo
KPAB 1490

Longview
KFRO 1370

Lubbock
KFYO 1340

Lufkin
KRBA 1340

Midland
KRLH 1230

Palestine
KNET 1450

Pampa
KPDN 1340

Paris
KPLT 1490

Pecos
KIUN 1400

Port Arthur
KPAC 1250

San Angelo
KGKL 1400

San Antonio
KABC 1450
KMAC 1240
KONO 1400
KTSa 550
WOAI 1200

Sherman
KRRV 910

Sweetwater
KXOX 1240

Temple
KTEM 1400

Texarkana
KCMC 1450

Tyler
KGKB 1490

Vernon
KVWC 1490

Victoria
KVIC 1340

Waco
WACO 1450

Weslaco
WRGV 1290

Wichita Falls
KWFT 620

UTAH

Cedar City
KSUB 1340

Logan
KVNU 1230

Ogden
KLO 1430

Price
KEUB 1450

Provo
KOVO 1240

Salt Lake City
KDYL 1320
KSL 1160
KUTA 570

VERMONT

Burlington
WCAX 1230

Rutland
WSYB 1390

St. Albans
WWSR 1420

Waterbury
WDEV 550

VIRGINIA

Charlottesville
WCHV 1450

Covington
WJMA 1340

Danville
WBTM 1400

Fredericksburg
WFVA 1290

Harrisonburg
WSVA 550

Lynchburg
WLVA 1230

Martinsville
WMVA 1450

Newport News
WGH 1340

Norfolk
WTAR 790

Petersburg
WPID 1240

Richmond
WBBL 1240
WMBG 1380
WRNL 910
WRVA 1140

Roanoke
WDBJ 960
WSLS 1490

Suffolk
WLPM 1450

Winchester
WINC 1400

WASHINGTON

Aberdeen
KXRO 1340

Bellingham
KVOS 790

Centralia
KELA 1470

Everett
KEVE 1460
KEVR 1090
KRKO 1400

Longview
KWLK 1400

Olympia
KGY 1240

Pullman
KWSC 1250

Seattle
KEVR 1400
KIRO 710
KJR 1000
KOL 1300
KOMO 950
KRSC 1150
KTW 1250
KXA 770

Spokane
KFIO 1230
KFPY 920
KGA 1510
KHQ 590

Tacoma
KTBI 1490
KTPN 1430
KMO 1360
KVI 570

Vancouver
KVAN 910

Walla Walla
KUJ 1420

Wenatchee
KPQ 560
Yakima
KIT 1280

WEST VIRGINIA

Beckley
WJLS 1240

Bluefield
WHIS 1440

Charleston
WCHS 580
WGVK 1490

Clarksburg
WBLK 1400

Fairmont
WMMN 920

Huntington
WSAZ 930

Logan
WLOG 1230

Morgantown
WAJR 1230

Parkersburg
WPAR 1450

Welch
WBRW 1340

Wheeling
WKWK 1400
WVVA 1170

Williamson
WBTH 1400

WISCONSIN

Appleton
WHBY 1230

Ashland
WATW 1400

Eau Claire
WEAU 790

Fond du Lac
KFIZ 1450

Green Bay
WTAQ 1360

Janesville
WCLO 1230

La Crosse
WKBH 1410

Madison
WHA 970
WIBA 1310

Manitowoc
WOMT 1240

Marinette
WMAM 570

Medford
WIGM 1400

Milwaukee
WEMP 1340

WISN 1150
WTMJ 620

Oshkosh
WOSH 1490

Poynette
WIBU 1240

Racine
WRJN 1400

Rice Lake
WJMC 1240

Sheboygan
WHBL 1330

Stevens Point
WLBL 930

Superior
WDSM 1230

Wausau
WSAU 1400

Wisconsin Rapids
WFHR 1340

WYOMING

Casper
KDFN 1470

Cheyenne
KFBC 1450

Powell
KPOW 1230

Rock Springs
KVRS 1400

Sheridan
KWYO 1400

BROADCASTING STATIONS BY LOCATIONS

CANADA

ALBERTA	
Calgary	
CFAC	960
CFCN	1010
CJ CJ	1230
Edmonton	
CFRN	1260
CJCA	930
CKUA	580
Grande Prairie	
CFGP	1340
Lethbridge	
CJOC	1060
Medicine Hat	
CJMH	1490
BRITISH COLUMBIA	
Chilliwack	
CHWK	1340
Kamloops	
CFJC	910
Kelowna	
CKOV	630
Nelson	
CKLN	1240
Prince Rupert	
CFPR	1240
Trail	
CJAT	610
Vancouver	
CBR	1130
CFOR	600
CKMO	1410
CKWX	980
Victoria	
CJVI	1480
MANITOBA	
Brandon	
CKX	1150
Flin Flon	
CFAR	1400
Winnipeg	
CJRC	630
CKY	990
NEW BRUNSWICK	
Campbellton	
CKNB	1240
Fredericton	
CKNB	950
Moncton	
CKCW	1400
Sackville	
CBA	1070
St. John	
CHSJ	1150
NOVA SCOTIA	
Glace Bay	
VAS	685

Halifax	
CHNS	960
Sydney	
CJCB	1270
Yarmouth	
CJLS	1340

ONTARIO

Brantford	
CKPC	1380
Chatham	
CFCO	630
Cobalt	
CKMC	1240
Hamilton	
CHML	906
CKOC	1150
Kenora	
CKCA	1450
Kingston	
CKWS	960
Kirkland Lake	
CJKL	560
London	
CFPL	1570
North Bay	
CFCH	600
Ottawa	
CBO	910
CKCO	1310
Owen Sound	
CFOS	1406
Peterboro	
CHEX	1430
Port Arthur	
CKPR	580
Prescott	
CFLC	1450
St. Catharines	
CKTB	1230
Sault Ste. Marie	
CJIC	1490
Stratford	
CJCS	1240
Sudbury	
CKSO	790
Timmins	
CKTB	1550
Toronto	
CBT	740
CBY	1010
CFRB	860
CKCL	580
Windsor	
CKLW	800
Wingham	
CKNX	920

PRINCE EDWARD ISLAND

Charlottetown	
CFCTY	630
CHCK	1340

Summerside	
CHGS	1480

QUEBEC

Chicoutimi	
CBJ	1580
Hull	
CKCH	1240
Montreal	
CBF	690
CBM	940
CFCF	600
CHLP	1490
CKAC	730
New Carlisle	
CHNC	610
Quebec	
CBV	980
CHRC	800
CKCV	1340
Rimouski	
CJBR	900
Rouyn	
CKRN	1400

Ste. Anne de la Pocatiere	
CHGB	1230
Sherbrooke	
CHLT	1240
Three Rivers	
CHLN	1450
Val d'Or	
CKVD	1230

SASKATCHEWAN

Moose Jaw	
CHAB	1220
Prince Albert	
CKBI	900
Regina	
CFRM	980
CKCK	620
Saskatoon	
CFQC	600
Watrous	
CBK	540
Yorkton	
CJGX	1460

CMCO	1230
CMCQ	1420
CMCU	1190
CMCR	1580
CMCW	1230
CMCX	1290
CMCY	590
CMK	740
CMOA	1360
CMOX	1490
CMQ	690
CMW	550
CMX	1010
CMZ	630
Holguin	
CMKF	1490
CMKJ	800
CMKO	1220
CMKV	600
Jovellanos	
CMGN	1310
Manzanillo	
CMKE	1320
CMKM	560
Matanzas	
CMGF	1240
CMGH	1440
Nuevitas	
CMJQ	1580
Palma Soriano	
CMKZ	1430
Pinar del Rto	
CMAB	1450
CMAN	1300
CMQA	1410
Placetas	
CMHP	1320
Puerto Padre	
CMKY	1350
Sagua la Grande	
San Luis	
CMKQ	1460
CMHA	1280
Sancti Spiritus	
CMHB	1410
Santa Clara	
CMHI	570
CMHN	960
CMHO	1250
CMHQ	810
Santiago	
CMKC	1250
CMKD	1290
CMKG	1050
CMKN	930
CMKR	1390
CMKU	970
CMKW	1000
Trinidad	
CMHT	906
Victoria de las Tunas	
CMKG	1050

CUBA

Artemisa	
CMAX	830
Banes	
CMKX	1090
Caibarien	
CMHD	1560
Camaguey	
CMJA	1060
CMJC	1340
CMJE	1230
CMJF	1300
CMJK	920
CMJL	620
CMJN	740
CMJW	1400
Cardenas	
CMGE	1470
Ciego de Avila	
CMJI	1370
CMJI	1440
CMJM	1270
CMJO	1470
Cienfuegos	
CMHJ	1350
CMHM	1450
CMHX	1480
Cruces	
CMHK	1380
Guanajay	
CMAC	1370
Guantanamo	
CMKH	1130
CMKS	900
Havana	
CMBC	790
CMBD	1420
CMBF	1260
CMBG	1330
CMBH	1540
CMBL	860
CMBQ	1150
CMBS	1330
CMBX	1390
CMBY	1110
CMBZ	950
CMC	1360
CMCA	1490
CMCB	1390
CMCF	910
CMCG	1460
CMCH	1290
CMCJ	1580
CMCK	980
CMCM	1060

BROADCASTING STATIONS BY LOCATIONS

MEXICO

AGUAS-CALIENTES

Aguasca-
lientes
XEBI 1360
XEYI 1490

BAJA CALIFORNIA

Ensenada
XEPP 1400
La Paz
XEPX 550
Mexicali
XEAA 1340
XEAO 910
XECL 990

Rosarito
Beach
XERB 1090
Tijuana
XEAC 690
XEAU 1470
XEBG 1550
XEC 1310
XEGM 950
XELO 1110
XFMO 860
XEON 1420
XERT 1270
1190

CAMPECHE

Campeche
XEA 1370

CHIAPAS

Gutierrez
XEXI 1280
Tepachula
XETA 1450

CHIHUAHUA

Camargo
XEDN 1270
Casas Grandes
NETX 1400
Chihuahua
XEBU 1260
XEBW 1280
XEFI 1440
XEM 1390

uarez
XEF 1420
XEFV 1270
XFI 970
XEP 1300
XESK 800
XEWG 1360
Parral
XEAT 1250
XEJR 1490

COAHUILA

Piedras
Negras
XEMI 920
XEMU 580
Sabinas
XEBX 610

Saltillo
XEKS 1330
XESI 1420
XEXU 1490

Torreon
XEBP 1260
XEBO 1450
XEDE 1400
XEJZ 920
XEOH 600
XETB 1350

Villa Acuna
XEAB 1600
NEAQ 1430
XEDH 1340

COLIMA

Colima
XERL 1280

DISTRITO FEDERAL

Mexico
XEAI 1320
XEB 1220
XEB5 1410
XEBZ 660
XEDA 1290
XEDP 940
XEML 1550
XEFO 1110
XEJP 1150
XEK 970
XEL 1260
XELA 830
XELZ 1440
XEMC 1590
XEMX 1380
XEN 690
XENK 620
XEOF 560
XEOY 1000
XEPH 590
XEQ 730
XEQK 1350
XERC 790
XERH 1500
XESM 1470
XEST 1060
XEUN 860
XEYV 900

DURANGO

Durango
XEE 1280
Gomez Palacio
XEMG 1310
XEOB 1490

GUANAJUATO

Irapuato
XERO 1330
XEW 1420
Leon
XEFM 1270
XERZ 1240

GUERRERO

Acapulco
XEKJ 1400

JALISCO

Guadalajara
XEAD 1310
XED 680
XEDK 1250
XEGT 1490
XEHK 960
XEHL 1370
XEJB 1010
XELW 1340
XEXN 1400
Guzman
XERA 1270
Tepatitlan
XETJ 1150

MEXICO

Texcoco
XEXE 1450
Toluca
XEXH 1490
XEXS 1340

MICHOACAN

Morelia
XELO 1270
XELQ 1270
XEI 1400
XESF 600
Uruapan
XEFU 550
Zamora
XEGC 1450

NAYARIT

Tepec
XERK 1450
NEXT 980

NUEVO LEON

XEAW 1570
XEFB 630
XEG 1050
XEH 1420
XEMR 1370
XET 900
XEH 1420

OAXACA

Oaxaca
XEAX 1270

PUEBLA

Puebla
XECD 1170
XEHR 1090
Tezuitlan
XETZ 1360

QUERETARO

XEJX 1450

SAN LUIS POTOSI

San Luis
Potosi
XEBM 1260
XECZ 1430
XEXQ 1400

SINALOA

Culiacan
XEBL 1260
XEGF 1300
XESA 1360

Los Mochis
XECF 1330
XEOX 1280
Mazatlan
XEDS 1420
XERJ 610

SONORA

Agua Prieta
XERY 1410

Cananea
XEFQ 980
XESY 1320

Guaymas
XEDR 1490

Hermosillo
XERH 920
XEHQ 590
XEDL 1250
XEOP 960

Magdalena
XEDJ 1450

Naco
XETM 1350

Navojoa
XEAJ 1400
XEGL 1270
XENJ 1430

Nogales
XEHF 1370
XEON 1010
XEY 500

Obregon
XEAP 1290

TAMAULIPAS

Madero
XETR 1490

Matamoros
XEAM 1400
XEO 970
XEXP 1450

Nuevo Laredo
XEBK 1320
XEDF 790

XEFE 960
XELC 1410
XELF 1380
XELH 1460
XELI 1260
XENT 1140

Reynosa
XEAW 1570
XEAU 1010
XEAZ 590
XEKN 1390

Tampico
XECA 980
XEFW 810
XES 1300
XETU 1460

Victoria
XEBJ 1450

TLAXCALA

Tlaxcala
XEYZ 1480

VERA CRUZ

Coatzacoalcos
XEYZ 1340

Cordoba
XEAG 1280
XECW 1340

Jalapa
XEJA 1400

Minatitlan
XEDW 1260

Orizaba
XETH 580
XETQ 1370
XEP 1450

Tuxpan
XETL 1390

Veracruz
XEHV 1310
XETF 1250
XEU 960
XEXF 1490

YUCATAN

Merida
XEFC 1340
XEFK 1450
XEME 1270
XEMH 1400
XEMQ 1240
XEZ 600

Progreso
XEOK 1430

ZACATECAS

Fresnillo
XEMA 1340
Zacatecas
XELK 1280

BROADCASTING STATIONS BY LOCATIONS

NORTH AMERICA

BAHAMAS	
Nassau	
ZNS	790
COSTA RICA	
Alajuela	
TISJJM	575
Cartago	
TIMC	735
Heredia	
TI4NRH	710
San Jose	
TIEP	835
TIEP2	1225
TIGPH	605
TIFA	1000
TIGH	696
TIGPH2	800
TIHJ	1150
TILJ	775
TINBC	1070
TIOS	937
TIPG	625
TIRCC	1200
TIRH	970
TIRS	920
TISMG	1045
TIVP	750
TIXD	800
San Juan	
TIBAS	655
San Pedro	
TILS	880
DOMINI CAN REPUBLIC	
Ciudad Trujillo	
HIN	1090
HIX	950
HIZ	1350
HI8Q	1470
EL SALVADOR	
San Salvador	
YSS	638
YSP	780

GUATEMALA	
Guatemala City	
TGW	1520
TGX	1400
TGI	1310
Quezaltenango	
TGQ	1450
HAITI	
Port-au-Prince	
HHK	1080
HHW	1230
HONDURAS	
Tegucigalpa	
HRN	1450
MARTINI-QUE	
Fort de France	
	1500
MIQUELON	
St. Pierre	
FQN	609
NEW-FOUND-LAND	
St. John's	
VOAR	25
VOCM	1005
VONF	640
VOVR	700
NICARAGUA	
Managua	
YNLG	1000
YNOW	1230
YNPH	660
PANAMA	
Colon	
HOK	640
Panama City	
IIOC	1440

SOUTH AMERICA

COLOMBIA	
Armenia	
HJFI	1540
Barranquilla	
HJAA	1330
HJAH	1080
HJAI	1370
HJAK	1310
HJAN	1190
HJAT	1275
Bogota	
HJCB	1105
HJCC	870
HJCE	1220
HJCG	1060
HJCI	810
HJCL	1380
HJCK	1290
HJCM	970
HJCO	1160
HJCR	1200
HJCS	920
HJCU	720
HJ CZ	1040
Bucaramanga	
HJGE	1130
HJGK	1280
Buga	
HJEI	1410
Cali	
HJEB	1150
HJEC	1300
HJEE	1090
HJEL	1260
Cartagena	
HJAE	1240
HJAR	1400
Cienega	
HJBE	1460
Cucuta	
HJBC	1270
Higueronia	
HJEF	1340
Ibague	
HJFL	1440
Manizales	
HJFD	1390
HJFX	600
Medellin	
HJDC	1350
HJDK	1250
HJDL	1480
HJDM	1520
HJDQ	1320
HJDR	1380
HJDT	1150
HJDU	1490
Monteria	
HJAM	1210
Palmira	
HJEM	1510
Papoyan	
HJOG	1450
Pereira	
HJFE	1470
HJFF	1350
Santa Marta	
HJBJ	1140
Tulua	
HJEK	1430

VENEZUELA

Barcelona	
YV6RE	1080
Barquisimeto	
YV3RA	1270
YV3RE	1475
Bolívar	
YV6RA	1400
Caracas	
YV5RA	960
YV5RB	790
YV5RG	1010
YV5RH	720
YV5RI	590
YV5RL	1160
YV5RQ	882
Coro	
YV1RW	1370
La Guaira	
YV5RZ	1050
Maracaibo	
YV1RA	1300
YV1RC	1400
YV1RD	1153
YV1RE	1120
YV1RK	1250
Maracay	
YV4RD	1153
YV4RL	1430
Puerto Cabello	
YV4RR	1490
San Cristobal	
YV2RB	980
Valencia	
YV4RA	1350
YV4RE	1400

LATE FLASHES

XENT expected to move to it's new location in Monterrey and use directional antenna by next April. . . WINK is call for new Louisville, Ky. station. . . KOBR to Brainerd, Minn., KWON to Bartlesville, Okla. . . WHIT to New Bern, N. C. GNSWLC will be next club to become associated with RADEX. . . WWNY will move to 790 kcs., and will use 1 kw. . . CSW-8 now being heard very well on 7260 kcs., 3-4 p.m. . . TIF(?) is being reported R9 evenings. . . "Radio Center, Kubishev" is now operating in place of "Radio Center., Moscow" on 9565 and 15110 kcs., (All changes made here received too late to be included in station lists, and will be made next month.)

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(See page 80)

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Raoul S. Trudell, 1106 W. Neville St., Beekley, W. Va. (SWL Cards)

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HAM CALLS HEARD

Ten Meters

K141DS.

Twenty Meters

CE1AO, CE2BM, CE3AH, CE3CT, CO2GL, CO2HL, CO2LY, CO2MC, CO6SG, CO7VP, CO8MP, K4FAB, LU3DH, LU6CH, T12FG, T12JC, T12RF, T15CMR, XE1AC, XE1AM, XE1CH, XE1H, XE1HH, XE1NK, XE1NW, XE1O, XE2CW, XE2S, XE3BS, YV1AG, YV4AX.

All calls heard reported by R1088 Ralph Kastner, Texas.

SPANISH ALPHABET

Complete Spanish alphabet contains several letters not listed here. Only those used in station calls are listed:

A—ah	L—ellay
B—bay	M—emmay
C—say	N—ennay
D—day	O—oh
E—ay	P—pay
F—effay	Q—coo
G—hey	R—erray
H—ahchay	S—essay
I—ee	T—tay
J—hottah	U—oo (as in too)
K—kah	V—vay
W—dooblay-vay (dooblay-oo in Mexico)	
X—eck-is	
Y—ee-gree-egg-ah (yay in Venezuela)	
Z—zay-tah	

Notes: In many cases no English phonetic spelling can exactly describe the Spanish pronunciation.

"ay" is long "a", but to get the exact Spanish equivalent, one must shorten it a little so as to make it sound more like a sound in between long "a" and short "i" if you get what we mean.

* "hey" for "G" is slightly guttural, same goes for "hottah".

1—oo-noe	6—say-ees
2—dose	7—syettay
3—trace	8—utfch-oh
4—quart-row	9—noo-ev-ay
5—sink-oh	

Calendar of DX Programs

Friday Morning, Jan. 2nd

3:00-4:00 KFOD 780 Anchorage, T. A.
(GNSWLC)

4:00-5:00 KOI 1300 Seattle, Wash.
(GNSWLC)

2:30-3:00 WGTC 1490 Greenville, N. C.

Saturday Morning, Jan. 3rd

2:30-2:45 WHLN 1450 Harlan, Ken.

Sunday Morning, Jan. 4th

2:05-4:00 KLO, 1430, Ogden, U. (GNSWLC)

Monday Morning, Jan. 5th

1:00-1:05 WBZA, 1030, Springfield, Mass.

3:30-4:00 KMYR, 1340, Denver, Colo.

5:00-5:30 WJLS, 1240, Beckley, W. Va.

Tuesday Morning, Jan. 6th

4:00-4:30 WFTC, 1230, Kingston, N. C.

Wednesday Morning, Jan. 7th

3:30-4:00 KHMO, 1340, Hanibal, Mo.
(WDXA)

4:00-4:30 WIZE, 1340, Springfield, O.

4:15-4:30 WATW, 1340, Ashland, Wis.

Thursday Morning, Jan. 8th

5:30-6:30 WRVA, 1140, Richmond, Va.
(WDXA)

Sunday Morning, Jan. 11th

2:00-3:00 WTHT, 1230, Hartford, Conn.
(GNSWLC)

Monday Morning, Jan. 12th

2:00-3:00 WRDV, 1490, Augusta, Ga.
(GNSWLC)

3:35-4:50 KNET, 1450, Palestine, Tex.
(NRC)

Tuesday Morning, January 13th

3:00-4:00 YV6RE, 1080, Barcelona, Vene.
(NRC)

Saturday Morning, January 17th

2:00-3:00 WRBL, 1230, Columbus, G.
(GNSWLC)

Monday Morning, Jan. 19th

3:30-4:00 KMYR, 1340, Denver, Colo.

3:30-4:00 KLX, 910, Oakland, Calif.

6:00-6:30 KSWO, 1150, Lawton, Okla.

Wednesday Morning, Jan. 21st

4:00-5:00 KOOS, 123, Marshfield, Oreg.
(GNSWLC)

Saturday Morning, Jan. 24th

3:00-3:30 WJPR, 1340, Greenville, Miss.

4:30-4:45 WJHO, 1400, Opelika, Ala.

5:30-6:00 WPID, 1240, Petersburg, Va.

Sunday Morning, Jan. 25th

2:45-3:00 KOH, 630, Reno, Nevada
(GNSWLC)

Monday Morning, Jan. 26th

3:00-3:15 WINN, 1240, Louisville, Ky.

Tuesday Morning, Jan. 27th

4:00-5:00 KMYR, 1340, Denver, Colorado
(GNSWLC)

4:00-5:00 WCED, 1230, Dubois, Pa.
(RADEX)

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