

RADIO INDEX

The All Radio Day Directory

JAN. 1951

NO. 112

SPECIAL LATIN AMERICAN EDITION



OFFICIAL ORGAN OF THE RADEN CLUB

Advertisement Rate 2¢ PER LINE PER WEEK

IN
CANADA

35c

SOUTH AMERICA LISTS
HOW TO TUNE SA'S
SPANISH ALPHABET

30c



RADIO INDEX

Reg. U. S. Patent Office



SEVENTEENTH YEAR

JANUARY 1, 1962

NO. 144

ASSISTING EDITOR

ALLEN P. COOPER, Editor Emeritus

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and

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WHAT'S NEW

Our readers will find that a number of new American items with some unusual designs are being introduced, including just-appearing tape stations. These stations are useful in mobile setups, or are based on certain basic components of quality.

It is with GREAT Pleasure that we announce the resignation of Arthur Foster to the Western Office. Other pressing duties necessitated his resignation. We had great fun & pleasure working with Arthur during his tenure. We cannot part with Arthur, but we are glad to have him back as special to the West. We cannot part with either Donald Felt and Lew Tamm of the Baltimore News. Their address will be found on Page 10.

Next issue of RADIX will be a special 20 page containing 10% off on everything you name. We'll have it in February and you'll know it. Send your orders to the Catalog and you'll

Send me
Back 10%
Back 10%
Back 10%

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 propoganda 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 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" Reilly, 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 Siringier, Vice Chr. and the fol-

lowing Board members: Eldon Addy, Fred Van Voorhees, "Pat" Reilly, Al Bartholomew, Stephan Mantl, 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.



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 (afb)
- 590 kcs. KGMB 4 (cl)
- 605 kcs. TIGPH 2 (cgj)

610 kcs. 2FC 4 (c)
 620 kcs. 3AR 4 (c)
 625 kcs. T1PG 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. CMBG 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 (bcgj)
 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. NEW 1-2-3 (b)
 910 kcs. CMCF 1-2 (bg)
 910 kcs. LR2 2 (j)
 920 kcs. HJCS 2 (hg)
 920 kcs. XEMJ 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. VOXM 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 (bgr)
 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. YV5RI. 2 (1)
 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. CMRH 1-2 (bgi)

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. Morris (Mass.)
 j--Robert Skyten (Mass.)
 k--Barney Ahman (Md.)
 l--R695 Frank B. Lee (N. J.)
 m--R36. Mich. 1. 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 KFUO.

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 1-1:15 a.m. by R1319 (Mass.).

1000 kcs.

VOCM (actually 1005 kcs.) in St. Johns, 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 overrides 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 RADEX 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.

WHLA 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 $\frac{1}{4}$ 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.



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

OIPM 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. HF3W 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 gongs.—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

ZRI on 9606 kcs. in Capetown is beginning to be 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 Masseilles", 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 Chrysler 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 EJAR 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.

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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 Martime 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. VLG2 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 $1\frac{1}{2}$ 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 (RI088) 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 NE1NO 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 named, 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.;

W6RX, John Imsand, 2333 Ralmar Ave., Palo Alto, Cal.;

XEILF, 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);

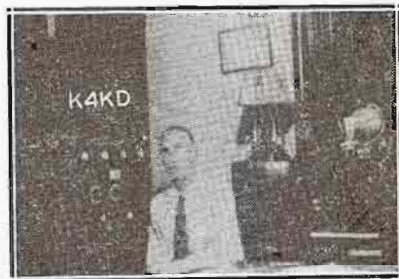
Pilot Officer Charles A. Mills, Officers Mess, R. A. F. School, Clinton, Ontario (R1667).

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 certificates. 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 Longrich, 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	W 2^{Sam} J D G		73
Samuel James and Viola Grossman EAST ROCKAWAY, N. Y., U. S. A. <small>(7-45 am)</small> RADIO <small>Swl cal heard</small> Oct. 27, 1934 BAND 15 meters XMITR 6 AJT-897 T. 200 - pr. T. 150 s. final 800 wts RMKS. Rev. H. G. 129. many thanks for interest.....			
W 2^{Vi} J Z X			
88	WLNN - AARS - ARRL - YL-RL		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).

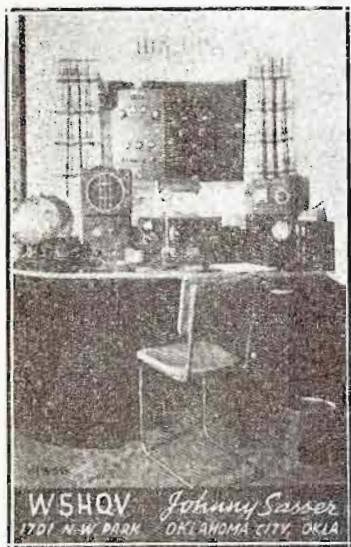
All have done marvelous emergency work. Viola during the Ohio River flood kept the 160-meter band monitored and open for emergency messages. She assisted in the New England disaster by handling messages and also during the 1938 California flood. After the latter emergency she was appointed emergency 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, 6YSR, 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, 8EXI, 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 KB6CBN 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,

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. Haiton—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 XEILX. 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 tone 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

(Next page)

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.; PY21M, 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 RdO 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 unknwn 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 W'NBT!

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."

(Dial page 28)

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.

WIXK, Hull, Mass., 100 watts, Westinghouse Electric Co. (X)

WIXSN, E. Springfield, Mass., 1000 w., Westinghouse Electric Co. (X)

W3XMC, Washington, D. C., 1000 w., McNary & Chambers. (X)

W8XAD, Rochester, N. Y., 250 w. WHEC, Inc. (X)

42800 kcs.

W2XMN, Alpine, N. J., 1000 w., Maj. Armstrong (X)

42900 kcs.

WIUC, 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 Brdcast. 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. Brdcast. 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., Mercantile Radio Equip. Co. (X)

W49PH, Philadelphia, Pa., 9300 sq. mi., Penn. Brdcast Corp. (CP).

45100 kcs.

K51L, St. Louis, Mo., 1300 sq. mi., St. Louis University. (CP)

W2XWG, New York, N. Y., 100 w., National Brdcast. Co. (X)

W51C, Chicago, Ill., 10800 sq. mi., Zenith Radio Co. (C)

W51NY, New York, N. Y., 8500 sq. mi., National Brdcast. Co. (CP)

W51R, Rochester, N. Y., 3200 sq. mi., Stromberg Carlson (C)

W51SL, Lexington, Ky., —, American Brdcast. Corp. (CP)

45300 kcs.

Baton R. Brdcast. Corp. 10:30 am.-12:30 pm., Standard Brdcast. Co. (CP)

W53D, Detroit, Mich., 6800 sq. mi., Gross 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., 7600 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., WJIM, 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.

Kansas: Earl Kieffer, Topeka (R2717).

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

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



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 husting 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).

Massachusetts: Chas. P. Atherton, Marblehead (R2718), Daniel Frumrin, 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 & Dab 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).

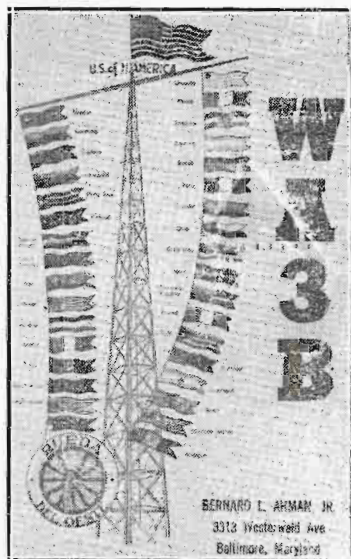
I want to thank Harvey S. Warren for the splendid comments on the subjects we have just discussed. Now let's talk about

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 Quete card used for reporting by Barney Ahman 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 Fumneron, 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 again. 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."

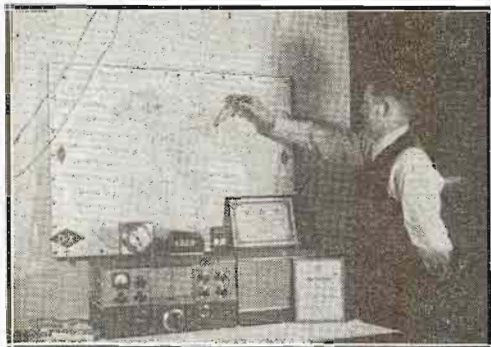
R2422—Glenn Penslien (N. Y.): "The DIT & DAH Club of Delevan, N. Y., is composed of seven SWL's. They meet weekly for two hours having periods of code practice, theory, business, and set construction and ham chatter. The club publishes "The Aerialist" a list of 100% QRA's. The publication being printed 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, K D T H, 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, WILL, 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 will find all regular forms of competition such as Report-O-Meters, 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 Official RADEX Reporters at the close of the DX season. First place 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 Millar 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 Waite, 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. Deliganis, San Francisco, Cal.
 R2368; Benny Miller, Spring City, Tenn.
 R2397; Jack Heisey, Philadelphia, Penn.
 R2406; J. Sil Taylor, Knoxville, Tenn.
 R2422; Glenn Penslien.
 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.
 R672; Ulyod 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 Clarus, Port Richmond, N. Y.
 G. D. Luther, Kerrville, Texas.
 Charles A. Morrison, Normal, Ill.
 John Kalmbach, Jr., Williamsville, N. Y.
 C. Garofalo, Corona, L. I., N. Y.
 Joe J. Leser, Great Falls, Montana.
 Ernie Sawyer, W. Medway, Mass.
 Carl Forestieri, Bronx, N. Y.
 Warren Corrigan, Cleveland, Ohio.
 Sylvan Elenzweig, 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, Mawwood, 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, Johnstown, Pa.
 Palmer E. Fry, Detroit, Mich.
 J. P. Hisgen, Albany, N. Y.
 Sgt. Brunnund, Fort San Houston, Texas.
 Roger Legge, 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 Risninge, 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 Tavens Howey in the Hills, Florida
 Olevero Laperal, Manila, Phila. III.
 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 Kreibell, 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 kes?" 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 DX-ers 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 LSI 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 LTI 20 kw. Radio Litoral, Rosario, Cordoba, 1169
790 LR10 19 1/4 kw. Radio Cultura, Buenos Aires, Florida, 370
820 LV7 1 kw., Tucuman, Mendoza, 437
830 LR5 29 kw. Radio Excelsior, Buenos Aires, Santa Fe, 2043
840 LFS 1/2 kw. Radio Rosario, Rosario, Sarmiento, 958
870 LRO 26 kw. Radio Mitre, Buenos Aires, Santa Fe, 2043
900 LC2 2 kw. Radio Bahía Blanca, Bahía Blanca
910 LR2 12 kw. Radio Argentina, Buenos Aires, Bolivar 1356
950 LR3 59 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 LT3 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 L15 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, Bahía 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 LTI1 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 396
6120 CP15 250 w. Radio El Condor, La Paz
6130 CP22 250 w. Radio Internacional, Cochabamba
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 Cuzquisaca, Sucre
%9480 CP38 5 kw. Radio Nacional, La Paz, Casilla 596
9510 CP24 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 CP473 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 PRH9 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 PRE3 10 kw. Rio de Janeiro, D. F.
1200 PRB6 10 kw. Sao Paulo, Sao Paulo
1210 PRG8 250 w. Berru, 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 PRF9 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 PRB2 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 PR18 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 PRE9 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 107-1)
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, 1º 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-A
*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 Otto 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 Huecke, Santiago, Casilla 6099
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

CB103 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 2½ 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, 4N5P
 CB144B 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 Aliviol, 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 370 kes.

Ecuador—Semi-Official

900 HC2ROZ 100 w. Guaquil,
 970 HC1B 1 kw. Quito, Casilla 691
 1050 HC2AJ 2½ kw. Guyaquil, Casilla 1080
 1100 HC21SB 20 w. Guyaquil
 1150 HC2ET 300 w. Guyaquil, Casilla 824
 1250 HC2RB 100 w. Guyaquil
 1330 HCQR 360 w. Radio Quito, Quito
 1350 HC2CW 200 w. Guyaquil
 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 1½ kw. Radio Cultura, Villarica
 890 ZP9 1½ 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

5940OAX2A 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, Jiron 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 Julio, 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, Ibcuy, 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. IKE 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 QRM'd 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 YV1RJ Coro, Venezuela, "Radio Falcon"
- 3305 VUC-2 Calcutta, India, 10:30 a.m. to noon
- 3310 YV4RX Maracay, Venezuela, "Radio Marconi"
- 3340 YV1RO Trujillo, Venezuela, "Radio Trujillo"
- 3350 YV5RS Caracas, Venezuela, "Radio Libertador"
- 3365 VUB-2 Bombay, India, 9 a.m. to 12:15 p.m.
- 3370 YV1RT Maracaibo, Venezuela, "La Voz de la Fe"
- 3380 YV5RY Caracas, Venezuela, "Radio Continente"
- 3400 YV5RW Caracas, Venezuela, "Radio Tropical"
- 3410 YV3RX Barquisimeto, Ven., "Radio America"
- 3420 YV2RC Merida, Venezuela, "La Voz de la Sierra"
- 3430 YV5RX Caracas, Venezuela, "La Voz de la Patria" until 10:33 p.m.
- 3433 YUIM-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, Ven., "Radio Puerto Cabello"
- 3480 XZZ Rangoon Burma, 9:00 a.m.
- 3490 YV3RF Acarigua, Venezuela, "La Voz del Llano"
- 3490 CR7AB Lourenzo, Marques, Mozambique.
- 3490 VUD-2 Delhi, India, 8:45 a.m. to 12:15 p.m.
- 3500 YV5RV La Guaira, Venezuela, "Emisora Vargas"
- 5920 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.
- HJEH Buenaventura, Columbia
- 4750 YV1RV Maracaibo, Venezuela, "Ecos del Zulia"
- 4760 YV4RO Valencia, Venezuela, "La Voz del Carobobo"
- 4770 YV1RY Coro, Venezuela, "Radio Coro"
- 4775 HJGB Bucaramanga, Colombia "Radio Santander"
- 4780 YV3RN Barquisimeto, Ven., "Radio Barquisimeto"
- 4785 HJAB Banranquilla, Columbia, 5:30-6:30 a.m., 6-11 p.m.
- 4790 YV6RU Sidad Bolivar, Ven., "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, Columbia, 7 a.m. to 1 p.m., 7:10-10:39 p.m.
- 4830 YV2RN San Cristobal, Ven., "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 HJDP Medellin, Colombia, 8 a.m. to 2 p.m., 6-11 p.m.
 4890 YV5RM Caracas, Venezuela, "Radiodifusora Venezuela"
 4895 HJCH Bogota, Colombia, 11:30 a.m.-2 p.m., 6-11 p.m.
 4900 YDA Batavia, Java, 5:30 a.m.
 4920 YUM2 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 Soerabaya, Java, 10:30 p.m.-2 a.m.
 4965 HJAE, Cartagena, Colombia, 7-10:30 p.m.

5000 kcs. band

5045 PMY Bandoeng, Java, 5:30 a.m. to noon
 5556 HUB San Salvador, Salvador, 5:30-11 p.m.
 5725 HC1PM Quito, Ecuador, 2-10 p.m.
 5750 YNIAT Leon, Nicaragua, evenings
 5875 HRN Tegucigalpa, Honduras, 6-11 p.m.
 5900 ZNB Mafeking, British Beccuanaland, 6-7 a.m., 1-2:30 p.m.
 5905 TIX San Jose, Costa Rica, 7 p.m.-mid.
 5936 PJCI 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 Guancasta, Costa, Rica, 9:30-10 p.m.* "La V. del Guanacaste"

6000 kcs. band

6005 HP5K Colon, Panama, 7-9 a.m., 11:30 a.m.-1 p.m., 6-11 p.m.
 XEFT 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.
 CJCN Sydney, Nova Scotia, 7 a.m.-1:30 p.m., 4 p.m.-mid.
 CKWX Vancouver, B. C., 10:15-11:30 p.m.
 PRAS 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 H113U 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.
 HJCN Bogota, Colombia, 9-11:30 p.m.
 6020 DJC Berlin, Germany, daily to many continents
 XE1W 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 CFVP Calgary, Alberta, 10 a.m.-2 p.m.
 RV96 Moscow, U.S.S.R., 1-7 p.m., 8:30-9 p.m.
 CR7AA Lourenzo Marques, Mozambique, 4:50-7:30 p.m., 8-11 p.m.
 DXP Berlin, Germany, 11:05 p.m.-1 a.m.
 XFKW Mexico City, Mexico, late evenings
 MTCY Hsingking, Manchukuo, "Japanese propoaganda station"
 6033 HP5B Panama City, Panama, 10:30 a.m.-2 p.m., 6-10 p.m.
 6040 WRUL Boston, Mass., 5-6:45 p.m., Sun. 1-4:45 p.m.
 6045 XETW Tampico, Mexico, 7 p.m.-1 a.m.
 6050 GSA London, Gt. Britain, 10:55 p.m.-5 a.m., 5:40-10:40 a.m., 11-5:45 p.m., 6:19-7:15 p.m.
 HP5F Colon, Panama, 7-9 p.m.
 OAX6A Arequipa, Peru, 9:45-10:30 p.m., "Radio Arequipa"
 6055 HJFA Pereira, Colombia, 9 a.m.-noon, 6:30-10 p.m.
 6060 WCAB Philadelphia, Pa., 6:15 p.m.-1 a.m.
 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
 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 Nacional"
 6110 GSL, London, Gt. Britain, 9:30-11:35 p.m.
 XEGW Mexico City, Mexico, 11 p.m.-1 a.m.
 6112 H16H Trujillo, Domin. Rep., 5-8:30 p.m.
 6115 Khabarovsk*, U.S.S.R., 6:30-7:30 a.m., 4:30-6 p.m.
 6117 XEUZ Mexico City, Mexico, 9 a.m.- p.m., 7 p.m.-2 a.m.
 6120 WCBX New York, N. Y., not in use.
 "WCRC New York, N. Y. (not in operation)
- 6122 HP5H Panama City, Panama, -6:10:30 p.m.
 6125 MTCY Hsinking, aMnchukuo, 7:30-9:30 a.m. "Japanese propoganda station"
 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 a.m.
 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 H15N Moca, Dominican Rep., 6:40-9:10 p.m.
 6150 JRO Winnipeg, Manitoba, 3:30 p.m.-1:30 p.m.
 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 H1A Santiago, Domion, 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 H12D 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.
 H18Q 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 H1IN Trujillo, Domin. Rep., 5:10-10:10 p.m.
 6255 CP12 La Paz, Bolivia, 7-9 p.m.
 6270 YSR San Salvador, Salvador, evenings.
 6285 FIG Yaonde, Cameroon, at 3:30 a.m.
- 6310 H1I2 Trujillo, Domin. Rep., 11:40 a.m.-12:40 p.m., 5:10-7:40 p.m., ex. Su.
 6340 H1IG 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 H19B 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 H1IS 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 HII4 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 HI4D Trujillo, Dominican Rep., 12:30, 6-8 p.m.
 6575 YSPB San Salvador, El Salvador, 5:40-7:40, 9:40-11:40 p.m.
 6610 YNLG Managua, Nicaragua, 1:30-2:30, 6-10:15 p.m.
 6630 HIT Trujillo, Dominican Rep., 12:40-1:40 p.m., 4:40-8:40 p.m., Sa. 10:40 p.m.-12:40 a.m.
 6635 HC2RL Guayaquil, Ecuador, Su. 5:45-7:45 p.m., Tu. 9:15-11:15 p.m.
 6675 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 HI3C La Romana, Domin. Rep., 4:55-8 p.m.
 6790 PZH Paramaribo, Suriname, Mo. & Th. 6:30-7:30 p.m.
 6810 HIIH 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 YI5KG Bagdad, Iraq, 9 a.m.-3 p.m.
 7090 . . . Tangiers, Africa, "Radio Falange" at 1 p.m.
 7100 FO8AA 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 GRI 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.
 I2RO-11 Rome, Italy afternoons, "Facist propoganda sta."
 7230 GSW London, Gt. Britain, 12:45-1:15 a.m., 3-5 a.m., 6-10:30 a.m., 10:55 a.m.-5:45 p.m.
 7240 VUB2 Bombay, India, 9:30-11:30 p.m.
 7240 DXJ Berlin, Germany, Almost continuous operation. "Nazi propoganda sta."
 7250 ZHP3 Singapore, St. Settlements, 6:30-9:40 a.m.
 YDA Batavia, Java, 10:30 p.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.
 GSW 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 propoganda 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 I2ROI9 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 KKII Kahuku, Hawaii, Sa., Su. 8:30-9 p.m.
 7620 YNLAT Granda, Nicaragua, 8-10:15 p.m.
 7660 YNDG Leon, Nicaragua, 8:30-9:30 p.m.
 7854 HC2JSB Guayaquil, Ecuador, 11 a.m.-2 p.m., 4-11 p.m.
 7865 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 H1SP6 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 TP2Z 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 Guayaquil, Ecuador, 8-10 p.m., Su. 8:30-10:30 p.m.

- 9295 HI2G Trujillo, Dominican Rep., 6:40-8:40 a.m., 11:40 a.m.-2:10 p.m., 3:40-4:40 p.m.
- 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 KZ1B Manila, Philippines, 10 a.m. and 6-11 p.m.
- 9500 OFD Helsinki, Finland, 1:15 p.m.
- NEWW Mexico City, Mexico, 7:45 a.m.-12:45 a.m.
- XGOY Chungking, China, 3-5:30 a.m.
- 9505 Belgrade, Roumania, 1:45-4:15 p.m.
- CP-1 Sucre, Bolivia, 7-9 p.m., "Radio Cuquisoca"
- 9510 GSB London, Gt. Britain, 9:45-11:35 p.m., mid.-3:15 a.m.*
- 9517 XEDQ Guadalajara, Mexico, 1 p.m.-mid.
- 9520 RV96 Moscow, U.S.S.R., evenings.
- "Y" 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, daytime*, "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. Bratislava, Slovakia, Mon., Wed., Fri., Sat., 6-7 p.m.
- 9530 WGEQ 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 MTCY Hsingking, Manchukuo, at 10 a.m.*
- 9548 Gustav Siegfried Eins, (Anti-Nazi) 7 min. before ea. hr.
- 9550 OQ2AA Leopoldville, Belg. Con., 5:55-7:45 a.m. & 1:55-2:45 p.m.
- VUB-2 Bombay, India, 2-3:55 a.m.
- WGEA 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 HPS 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.
- *615 VLQ Sydney, Australia, 2-2:30 a.m., 3:25-4:25 a.m., 10:30 a.m., 2-3:03 p.m.
- ZRI, Capetown, U. of So. Africa
- 9620 TTPG 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
- NEWQ 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.
 WCR 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.
 XEQO 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 JLE3 Tyureki, Taiwan, at 9:30 a.m.* Japanese propoganda sta."
 9703 Fort de France, Martinique, 5:30-8 p.m.
 9715 TI4NRH 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 XBHIX 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. 8-8:30 p.m.
- 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 YSPA San Salvador, El Salvador, 6:30-11 p.m.
 10545 DZD Berlin, Germany, 4:50 p.m.-1 a.m.
 10660 ZIK2 Belize, Br. Honduras, Tu., Th., Sa. 1:30-2, 8:30-9 p.m.
 10680 PLQ Bandoeng, Java, at 7 a.m.
 10710 Yaounde, Fr. 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, Anogla, 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.
 IOY Rome, Italy, 5:20-5:46 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 ZPA4 Asuncion, Paraguay, 6:45-7:45 p.m., "Radio Difusora del Telefono"
 11725 JVVS Tokyo, Japan, 9:9:30 a.m., "Japanese propoganda sta."
 117300 OQ2AA Leopoldville, Belgian Congo, 5:55-7:15 a.m. & 1:55-2:45 p.m.
 Belgian Congo,
 WRUW Boston, Mass., 6-7:45 p.m., 8-10:15 p.m.
 11737 DXC-2 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 I2RO15 Rome, Italy, 11:40 a.m.-2:40 p.m., 3-3:30 p.m., 5:30-6 p.m.
 VLR8 Melbourne, Australia, at 3:30 a.m.*
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."
 ZTE Durban, So. Africa, mornings
 11775 MFCY 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 JZI Tokyo, Japan, 6:30-9:30 a.m. 6:6:30 p.m., "Japanese propoganda station"
 DJZ Berlin, Germany, 3:30-4 p.m., "Nazi propoganda stat."
 11810 I2RO4 Rome, Italy, 4:30-9 a.m., 10 a.m.-2 p.m., 6-7:25 p.m., 7:30-9 p.m., "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 IRA-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.
 VI.W3 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.
 DJP Berlin, Germany, 12:05-2 a.m., 4:50-10:50 p.m., "Nazi propoganda sta."
 11860 GSE London, Gt. Britain, 5:40-10:30 a.m., 10:55 a.m.-1 p.m.
 11865 HER5 Berne, Switzerland, 8-8:30 a.m.
 11870 WBOS Boston, Mass., 2 p.m.-mid.

- VLG-5 Sydney, Australia, 7-7:30 p.m.
- 11880 JZJ Tokyo, Japan, 12-1:30 a.m., 7:9:30 a.m., 2-4 p.m., "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., 5:10:30 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.
..... Brazzeville, Fr. W. Africa "Radio Club" 15 min. periods 1 a.m., 3:40
p.m.
- 12030 XGRS Shanghai, China, 5:45-10 a.m.
- 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 TFF 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 III-N 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 RKL, 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."
1ZK 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 TCWA Guatemala 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, 6-6:30 a.m.
- 15200 DJB Berlin, Germany, 6-8:45 a.m., 11:30, 11:45 a.m., 12:30-12:45 p.m., 4:50-11, "Nazi propoganda."
- 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 12RO-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 12RO-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 VLQ3 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 Schenectady, N. Y., till 5 p.m.
KGEI San Francisco, Calif., 8 p.m.-1 a.m.
..... ??, U.S.S.R. until 3 p.m.
- 15590 12RO-17 Rome, Italy, at 7:45 a.m., "Fascist propoganda sta."
- 16200 RV- - Moscow, U.S.S.R., Su. 10-11 a.m.
- 15300 DIO Berlin Germany, 12:05-11:10 a.m., 4:50-8:59 p.m. (Port.) "Nazi prop."
- 15300 12RO-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 Guatemala City, Guatemala, not in use
WLWO Cincinnati, Ohio
- 17810 GSV London, Great Britain, mornings.
- 17820 12RO-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 12RO-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 GST London, Great Britain
- 21540 WBOS Boston, Mass.
- 21550 OII Helsinki, Finland, not in use
- 21565 DJJ Berlin, Germany, "Nazi propoganda sta."
- 21570 WCBX New York, N. Y., 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 KVO5, 250-1000 w.
 900 from 1320 KLCN, no change
 920 from 1230 KFXJ, 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 CIOC, 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 TI5JMM 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 KVO5 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 VOVM St. John's, Nfld. 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 TIHJ 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 Tezuatlan, 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; verify stamp for 10c.

z—No information available.

1-2-3—Figures denote stations sharing time.

?—Reported but not officially confirmed.

...—No information.

540 kcs. (552.2 m.)

CBK F 5000

550 kcs. (545.1 m.)

CFNB F 1000
 CMW ... 2500
 KFYR 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)
 WWSA D 1000
 XFFU P 250
 XEPX P 250

[Redacted]

a Watrous, Sask., Canadian Brdsg. Corp.

[Redacted]

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

560 kcs. (535.4 m.)

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

[Redacted]

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

570 kcs. (526 m.)

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

[Redacted]

a Santa Clara, Cuba, RHC Cadena Azul
 a Fort Worth, Tex., KGKO Brdsg. Co.
 a Los Angeles, Calif., KMTR Radio Corp.
 a Salt Lake City Utah, Utah Brdsg. Co.
 a Tacoma, Wash., Puget Sound Brdsg. Co., Inc.
 a Alajuela, Costa Rica, "Ecos del Poas"
 a Youngstown, Ohio, WKBN Brdsg. Corp.
 a Marinette, Wis., M and M Brdsg. Co.
 a New York, N. Y., Knickerbocker Brdsg. Co., Inc.
 a Yankton, S. Dak., WNAX Brdsg. Co.
 a Syracuse, N. Y., Central New York Brdsg. 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	2	500(1)
WCBS	C	5000
WDBO	C	5000
WIAC	P	5000
WIBW	C2	5000
WILL	D	5000
WTAG	R	1000(5)
XEMU	....	250(5)

XETH	....	1000
	P	1000

590 kcs. (508.2 m.)

CMCY	Ø	15000
KGMB	CM	5000
KHQ	FR	5000
WAGA	BP	5000
WFEE	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
WSJS	MN	1000
XEOH	....	1000
XFSF	....	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
CMIL	....	250
KGW	FR	5000
KTAR	FN	5000
KWFT	CM	1000(5)
TIPG	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 Bcastg. 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.
a	St. Pierre, Miquelon, "Radio Club St. Pierrais"
z	Manizales, Colombia
a	San Diego, Calif., Airfan Radio Corp., Ltd.
a	El Paso, Tex., Dorrance D. Roderick.
a	San Jose, Costa Rica, "Radio Alma Tica"
a	Baltimore, Md., Monumetal Radio Co.
yf	Bridgeport, Conn., The Yankee Network, Inc.
a	Cedar Rapids, Iowa, Iowa Brdcastg. Co.
a	Memphis, Tenn., WRFC 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., Gaspeian Radio Co., Ltd.
a	Trail, B. C., Kootenay Brdcastg. Co., Ltd.
a	Duluth, Minn., Red River Bcastg. 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.
z	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., Pittsburgh Radio Supply House.
a	San Juan, Puerto Rico, Radio Corp. of Puerto Rico.
a	Bangor, Maine, Maine Brdcastg. Co.
a	Knoxville, Tenn., Stuart Brdcastg. Corp.

BROADCASTING STATIONS BY FREQUENCIES

WSUN N 5000
 WTMJ N 5000
 XENK 5000

630 kcs. (475.9 m.)

CFCO F 100
 CFCY F 1000
 CFRC F 1000
 CKOV F 1000
 CMZ 5000
 KGFX D 200
 KOH N 1000
 KVOD B 5000
 KXOK 5000
 WMAL B 5000
 WPRB C 5000
 XEFB 500
 100
 YSS 638 500

640 kcs. (468.5 m.)

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

650 kcs. (461.3 m.)

WSM N 50000
 TIBAS 655 8000

660 kcs. (454.3 m.)

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

670 kcs. (447.5 m.)

WMAQ R 50000

680 kcs. (440.9 m.)

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

690 kcs. (434.5 m.)

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

700 kcs. (428.3 m.)

VOWR 500
 WLW KN 50000

710 kcs. (422.3 m.)

KIRO C 50000
 KMPC C 10000
 WOR KM 50000

720 kcs. (416.4 m.)

HJCU 5000
 TI4NRH 725 750
 WGN KM 50000
 YV5RH 1000

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 Brdéstg. 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 Brdéstg. Co.
 a Monterrey, N. L., Jesus Quintanilla.
 z Tapachula, Chiapas
 a San Salvador, El Salvador.

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

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

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

c Chicago, Ill. NBC, Inc.

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

a Montreal, P. Q., CBC.
 a Havana, Cuba, Cambo y Gabriel.
 a Coffeyville, Kans., Hugh J. Powell.
 b San Jose, Costa Rica, "La V. de America Latina"
 a Piñana, B. Cta., Jorge I. Rivera.
 a Mexico City, D. F., Radio Mundial.

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

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

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"

BROADCASTING STATIONS BY FREQUENCIES

730 kcs. (410.7 m.)

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



- 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.)

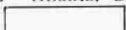
KMMJ	L	1000
KXL	P	10000
TIVP	....	500
WHEB	L	1000
WSB	R	50000



- a Grand Island, Nebr., KMMJ, Inc.
- b Portland, Me., KXL, Brctrs
- z San Jose, Costa Rica, "La Voz del Pueblo.
- a Portsmouth, N. H., Granite State Brdctg. 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 Brdctg. Co.
- a Chicago, Ill., Columbia Brdctg. System.
- z San Salvador, El Salvador

790 kcs. (379.5 m.)

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



- a Sudbury, Ont., Sudbury Star.
- a Havana, Cuba, El Progreso Cubano.
- a Los Angeles, Calif., Earle C. Anthony, Inc.
- c Anchorage, Alaska, Anchorage Radio Club, Inc.
- a Billings, Mont., Northwestern Auto Sup. Co., Inc.
- a Bellingham, Wash., KVOS, Inc.
- a Providence, R. I., The Yankee Network, Incc.
- a Eau Claire, Wisc. Central Brdctg. Corp.
- a Memphis, Tenn., Memphis Publishing Co.
- a Sharon, Pa., Sharon Herald Brdctg. Co.
- a Mavaguez, 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.)

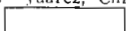
CHRC	P	1000
CKLW	FM	5000
CMKJ	P	1000
TIGPH2	(1)	3000
TXD	(1)	1000
XESK	P	150000



- a Quebec, P. Q., CHRC, Inc. (using only 250 w.)
- a Windsor, Ont., Western Ont. Brdctg. 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.)

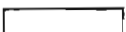
CMHQ	....	5000
HJCI	....	2500
KGO	B	7500
KOAM	DN	1000
WGY	R	50000
XEFW	....	50000



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

820 kcs. (365.6 m.)

WALT	....	5000
WBAP	ENa	50000



- a Chicago, Ill., WCBF, 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.)

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

840 kcs. (356.9 m.)

WHAS C 50000

850 kcs. (352.7 m.)

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

860 kcs. (348.6 m.)

CFRB C 10000
 CMBI 5000
 KTRB D 250
 WSON 250
 XEMO 5000
 KEUN 500

870 kcs. (344.6 m.)

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

880 kcs. (340.7 m.)

TLS 5000
 WABC C 50000
 WHB DM 1000
 YVSRQ 882 1000

890 kcs. (336.9 m.)

WENR Ba 50000
 WLS Ba 50000

900 kcs. (333.1 m.)

CHML F 1000
 CJBR 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
 WQAN 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

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 Henderson, Ky.
 z Tijuana, B. Cfa., Fernando Federico Ferreira.
 z Mexico City, D. F., Univ. Nacional de Mexico.

z Bogota, Colombia, "La V. de Bogota"
 z 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.
 z Ottawa, Ont., CBC.
 a Kamloops, B. C., Kamloops Sentinel Ltd.
 a Havana, Cuba, Cadena Azul.
 a Greeley, Colo., Mid-Western Radio Corp.
 a Oakland, Calif., Tribune Bldg. Co.
 a Denver, Colo., Pillar of Fire.
 a Sherman, Tex., Red River Valley 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., WJHL, Inc.
 a Scranton, Pa., Scranton Times.
 a Richmond, Va., Richmond Radio Corp.
 a Iowa City, Iowa, State University of Iowa.
 a Mexicali, B. Cfa., Chavez y Castro Succ.

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

BROADCASTING STATIONS BY FREQUENCIES

HTCS	....	5000	z	Bogota, Colombia, "Radio Continental"
KARK	N	5000	a	Little Rock, Ark., Ark. Radio & Equipment Co.
KFNF	P	500(1)	a	Shenandoah, Iowa, KFNF, Inc.
KFPY	C	5000	a	Spokane, Wash., Symons Brdcastg. Co.
KFXJ	P	500(1)	a	Grand Jct., Colo., Western Slope Bcastg. 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. Alamance Brdcastg. Co. Inc.
WGST	C	1000(5)	a	Atlanta, Ga., Georgia School of Tech.
WJAR	R	5000	a	Providence, R. I., Outlet Co.
WMMN	C	5000	a	Fairmont, W. Va., Monongahela Valley Brdcastg. Co.
WTMM	P	1000	z	Trenton, N. J., Trent Brct. 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.
KGRU	....	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	a	San Jose, Costa Rica, "Radio Titania"
WBEN	R	5000	a	Buffalo, N. Y., WBEN, Inc.
WFMD	....	500	a	Frederick, Md., The Monocacy Brdcastg. Co.
WXAX	N	1000(5)	a	Jacksonville, Fla., City of Jacksonville.
WKY	N	5000	a	Oklahoma City, Okla., WKY Radiophone Co.
WLRL	D	5000	a	Stevens Point, Wis., State of Wis.
WPAT	D	1000	z	Paterson, N. J., North Jersey Brdcastg. Co., Inc.
WSAZ	....	1000	a	Huntington, W. Va., WSAZ, Inc.
WTAD	C	1000	a	Quiney, Ill., Ill. Brdcastg. Corp.
	P	1000	z	Washington, N. C., Tar Heel Bcastg. Co.

940 kcs. (319 m.)

CBM	FR	5000	a	Montreal, P. Q., CBC.
KTKC	MP	5000	f	Visalia, Calif., Tulare-Kings Counties R. A.
WMAZ	CL	1000(5)	a	Macon, Ga., Southeastern 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.
KFFL	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	Tiitiana, 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.
WELI	....	250(5)	a	New Haven, Conn., City Brdcastg. Corp.
WSRT	C	500	a	South Bend, Ind., South Bend Tribune.
XFFE	....	1000	z	Nuevo Laredo, Tam., Rafael T. Carranza.
XFHK	....	250	z	Guadalajara, Jal.
XEOP	....	500	z	Hermosillo, Son.
XEUJ	....	500	a	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)
WHA	D	5000
WICA	D	1000
XEJ	....	5000
XEK	....	500
XEO	....	750

980 kcs. (306 m.)

CBV	F	1000
CTRM	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
XEFQ	....	500
XEXT	....	1000
XEY	P	500
YV2RB	....	500

990 kcs. (302.8 m.)

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

1000 kcs. (299.8 m.)

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

1010 kcs. (296.9 m.)

CBY	F	1000
CFCN	F	10000
CMX	....	25000
KQW	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.)

HICZ	....	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 Menesez, 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	Tepec, Nav., 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.
C	Enoxville, Tenn., Scripps-Howard Radio, Inc.
z	Mexicali, B. Cla., 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	Springheld, 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., WDZ Brdcastg. Co.

BROADCASTING STATIONS BY FREQUENCIES

WHN 1000(5)
 XEG 150000
 YVSRZ 300

1060 kcs. (282.8 m.)

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

1070 kcs. (280.2 m.)

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

1080 kcs. (277.6 m.)

HHK 25000
 HJAH 500
 KRLD C 50000
 KWJH P 1000
 KYOS DM 250
 WCAZ D 250
 WTIC RY 50000
 YVARE 250
 _____ P 1000(5)

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

1100 kcs. (272.6 m.)

HICB 1105 2000
 KJBS L 500
 WTAM R 50000

1110 kcs. (270.1 m.)

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

1120 kcs. (267.7 m.)

KMOX C 50000
 YVIRF 350

1130 kcs. (265.3 m.)

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

1140 kcs. (263 m.)

HJBJ 500
 KSOO LN 5000
 WRVA CM 50000
 XENT 50000

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

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 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.

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

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

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

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

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

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

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

[]
 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. Cta., 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
THHZ	.....	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
YV4RD	1153	200

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

1160 kcs. (285.5 m.)

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

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

1170 kcs. (256.3 m.)

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

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

1180 kcs. (254.1 m.)

WHAM	N	50000
WLDS	.....	250

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

1190 kcs. (252 m.)

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

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

1200 kcs. (249.9 m.)

HJCR	.....	50000
TRCC	.....	500
WOAI	EN	50000

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

1210 kcs. (247.8 m.)

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

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

1220 kcs. (245.8 m.)

CHAB	F	1000
CMKO	.....	250
HICE	.....	1000
TIEP2	1225	1000
WGNY	.....	1000
XEB	.....	100000

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

1230 kcs. (243.8 m.)

CHGB	F	250
CTCJ	F	100
CKVD	.....	100
CMCO	2	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.
KFIB	....	250	a	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.
KHAC	....	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	z	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	Mountaintown, W. Va., W. Va. Radio Corp.
WAYX	....	250	a	Wavcross, Ga., Jack Williams.
WBBZ	M	250	a	Ponca City Okla. Adelaide L. Carrell
WRHP	....	250	a	Huntsville, Ala., Wilton Harvey Pollard
WBLJ	M	250	a	Dalton, Ga., Dalton Brdcastg. Corp.
WBOC	....	250	a	Salisbury, Md., Peninsula Brdcastg. Co.
WBOW	N	250	a	Terra Haute, Ind., Banks of Wabash, Inc.
WCAT	G	100	a	Rapid City, S. Dak., S. Dak. State School of Mines
WCAX	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
WHBC	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.
WJBW	....	250	a	New Orleans, La., Chas. C. Carlson
WJNO	C	250	a	W. Palm Beach, Fla., WJNO, Inc.
WJOB	....	100	a	Hammond, Ind., WJOB, Inc.
WTRD	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.
WLOG	....	100	a	Logan, W. Va., C. H. Frey and R. O. Greever
WLVA	....	250	a	Lynchburg, Va., Lynchburg Brdcastg. Corp.
WMAW	P	250	a	Worcester, Mass., C. T. Sherer Co., Inc.
WMFR	....	250	a	High Point, N. C., Radio Station WMFR, Inc.
WMOB	....	250	a	Mobile, Ala., S. B. Quigley
WMPC	G	250	a	Lapeer, Mich., Liberty St. Gospel Church
WOYS	S	250	a	Florence, S. C., O. Lee Stone
WRBL	N	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.
WTHO	....	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	2	Chicoutimi, P. Q., Canadian Brdcastg. Corp.
CFPR	....	50	2	Prince Rupert, B. C., Felix E. Batt
CHLT	....	250	3	Sherbrooke, P. Q., La Tribune, Ltd.
CJCS	....	50	2	Stratford, Ont., Frank M. Squires
CKCH	F	100	2	Hull, P. Q., CKCH Radio Brdcastg. Co. of Hull, Ltd.
CKMC	....	50	2	Cobalt, Ont., R. L. MacAdam
CKLN	F	250	2	Nelson, B. C., News Co., Ltd.
CMGF	....	250	2	Matanzas, Cuba, Bernabe R. de la Torre
HJAE	....	252	2	
KALB	....	259	2	Alexandria, La., Alex. Brdcastg. Co., Inc.
KANS	N	250	2	Wichita, Kans., KANS Brdcastg. Co.
KASA	....	100	2	Elk City, Okla., E. M. Woody
KAVE	....	250	2	Carlsbad, N. Mex., Carlsbad Brdcastg. Co.
KBIZ	....	250	2	Ottumwa, Iowa, J. D. Falvey
KDLR	....	250	2	Devils Lake, N. Dak., KDLR, Inc.
KDON	P	250	2	Monterey, Calif., Monterey Peninsula Brdcastg. Co.
KFI	....	100	2	Klamath Falls, Ore., KFI Broadcasters, Inc.
KFOR	EM	250	2	Lincoln, Nebr., Cornbelt Brdcastg. Corp.
KFXM	2M	250	2	San Bernardino, Calif., Lee Bros. Brdcastg. Co.
KGBS	....	250	2	Hartlingen, Tex., Harbenito Brdcastg. Co.
KGY	....	250	2	Olympia, Wash., KGY, Inc.
KHBG	....	250	2	Okmulgee, Okla., Okmulgee Brdcastg. Corp.
KICA	....	100	2	Clovis, New Mexico, Western Broadcasters, Inc.
KIUL	....	100	2	Garden City, Kans., Garden City Brdcastg. Co.
KMAC	....	250	2	San Antonio, Tex., The Wolmac Co.
KOCA	....	250	2	Kilgore, Tex., Oil Capital Brdcastg. Ass'n.
KOVO	EM	250	2	Provo, Utah, Citizens Voice and Air Show.
KPFA	EN	250	2	Helena, Mont., Peoples Forum of the Am.
KPPC	Z	100	2	Pasadena, Calif., Pasadena Presb. Church.
KROY	C	100	2	Sacramento, Calif., Royal Miller.
KVSO	M	100(.25)	2	Ardmore, Okla., Ardmoreite Pub. Co., Inc.
KWAT	....	250	2	Watertown, S. Dak., Midland National Life Ins. Co.
KWIL	....	250	2	Albany, Ore., Central Willamette Brdcastg. Co.
KWJB	E	250	2	Globe, Ariz., Sims Brdcastg. Co.
KWLC	D	250	2	Decorah, Iowa, Luther College.
KWOS	P	250	2	Jefferson City, Mo., Tribune Printing Co.
KWRC	P	250	2	Pendleton, Oreg., Western Radio Corp.
KXOX	....	250	2	Sweetwater, Tex., Sweetwater Radio, Inc.
KYUM	E	250	2	Yuma, Ariz., Yuma Brdcastg. Co.
WATN	....	250	2	Watertown, N. Y., Watertown Brdcastg. Corp.
WBAX	M	100	2	Wilkes-Barre, Pa., John H. Stenger, Jr.
WBBL	G5	100	2	Richmond, Va., Grace Covenant Presb. Church.
WBIR	....	250	2	Knoxville, Tenn., J. W. Birdwell.
WBML	P	250	2	Macon, Ga., Middle Georgia Brdcastg. Co.
WBRB	4	100	2	Red Bank, N. J., Monmouth Brdcastg. Co.
WCOU	M	250	2	Lewiston, Maine, Twin City Brdcastg. Co., Inc.
WCOV	C	250	2	Montgomery, Ala., Capital Brdcastg. Co., Inc.
WCRW	G3	100	2	Chicago, Ill., Clinton R. White.
WEBQ	....	250	2	Harrisburg, Ill., Harrisburg Brdcastg. Co.
WEDC	G3	250	2	Chicago, Ill., Emil Denemark, Inc.
WFAS	4	250	2	White Plains, N. Y., Westchester Brdcastg. Corp.
WFOY	C	250	2	St. Augustine, Fla., Fountain of Youth Brdcastg. Co.
WFTM	....	250	2	Fort Myers, Fla., Ft. Myers Brdcastg. Co.
WGAC	....	250	2	Augusta, Ga., Twin States Brdcastg. Co.
WGBB	4	100	2	Freeport, N. Y., Harry H. Carman.
WGCM	....	250	2	Gulfport, Miss., WGCM, Inc.
WGGA	P	250	2	Gainesville, Ga., Gainesville Broadcasters.
WGRM	....	250	2	Greenwood, Miss., P. K. Ewing.
WHAI	M	250	2	Greenfield, Mass., John W. Haigis.
WHBU	....	250	2	Anderson, Ind., Anderson Brdcastg. Corp.
WHIZ	N	250	2	Zanesville, Ohio, Southern Ohio Broadcasters, Inc.
WIRU	F	250	2	Poyneite, Wis., Wm. C. Forrest.
WINN	....	100(.25)	2	Louisville, Ky., Kennerly Brdcastg. Corp.
WTBY	E	250	2	Gadsden, Ala., Gadsden Brdcastg. Co., Inc.
WTFI	....	250	2	Hagerstown, Md., Hagerstown Brdcastg. Co.
WTM	B	250	2	Lansing, Mich., WTJM, Inc.
WTSS	....	250	2	Beckley, W. Va., Joe L. Smith, Jr.
WTMC	....	250	2	Rice Lake, Wis., Walter H. Mc Genty.
WITN	B	250	2	Jamestown, N. Y., James Brdcastg. Co., Inc.
WIW	M	250	2	Akron, Ohio, WIW, Inc.
WKOK	....	250	2	Sunbury, Pa., Sunbury Brdcastg. Corp.
WLAC	P	250	2	La Grange, Ga., La Grange Brdcastg. Co.
WLCK	....	250	2	Lima, Ohio, Fort Industry Co.
WMFG	C	250	2	Hibbing, Minn., Head of the Lakes Brdcastg. Co.
WOCB	....	250	2	Hyannis, Mass., Cape Cod Brdcastg. Co.
WOMT	....	100	2	Manitowoc, Wis., Francis M. Kadow.
WPAX	....	250	2	Thomasville, Ga., H. Wimpv.
WPID	5	250	2	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
NEMO	.....	250
NFKZ	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
NEAT	.....	600
NEDK	.....	500
NEDL	.....	500
NESJ	.....	1090
NETF	.....	500
YVIRK	.....	350

1260 kcs. (238 m.)

CFRN	F	1000
CMJF	.....	5000
HTEL	.....	500
KFGO	P	250
KGBX	N	5000
KGGM	C	1000
KYA	E	1000(5)
WFBM	C	5000
WXAC	R	5000
WOL	M	1000
NEBL	.....	500
NEBM	.....	150
NEBP	.....	250
NEBU	.....	100
NELJ	.....	250
NEDW	.....	250
NEL	.....	750

1270 kcs. (236.1 m.)

CICB	F	1000
CMJM	O	1000
HJAT	1275	.....
HJBC	.....	440
KEJZ	M	5000
KGCU	.....	250
KTFI	N	1000
WHRF	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
HFGK	.....	280
KIT	M	1000
WDSU	B	5000
WGBF	M	1000(5)

z	Raleigh, N. C., Capitol Brdstg. Co.
z	Rochester, N. Y., Brown Radio Service.
a	Chicago, Ill., WSDC, 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	Guadaluara, Jal., Salvador Vasquez T.
z	Hermosillo, Son.
z	Saltillo, Coah.
a	Veracruz Ver. C., Jose Rodriquez Lopez.
a	Maracaibo, Venezuela, "Radio Popular"

z	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., WFBM, Inc.
a	Boston, Mass., The Vankee Network, Inc.
a	Washington, D. C., American Brdstg. Co.
z	Culiacan, Sin., 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	Panamua, B. Cia
a	Barquisimeto, Venezuela, "Radio America."

z	Sagua la Grande, Cuba, Abelardo Menocal.
a	Long Beach, Calif., Nichols & Warinner, 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)	a	Newark, N. J., May Radio Brdcastg. Corp.
WKST	....	1000	a	New Castle, Pa., WKST, Inc.
WMRO	D	250	a	Aurora, Ill., Martin R. O'Brien
WOV	2	5000	a	New York, N. Y., Wodaam Corp.
WTCN	B	1000(5)	a	Minneapolis, Minn., Minnesota Brdcastg. Corp.
NEAG	....	250	z	Cordoba, Ver. C., Diodoro Zuniga.
NEBW	....	600	a	Chihuahua, Chih.
NEE	....	100	a	Durango, Dgo., Alejandro Stevenson, Jr.
NELX	....	100	a	Zacatecas, Zac.
NEOX	....	250	a	Los Mochis, Sin.
XERL	....	250	r	Colima, Col., J. Roberto Levy.
XEX	....	500	a	Monterrey, N. L., El Heraldo del Comercio
NEXJ	....	100	z	Tuxtla Gutierrez, Chis.

1290 kcs. (232.4 m.)

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

1300 kcs. (230.6 m.)

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

1310 kcs. (228.9 m.)

CKCO	F	1000	a	Ottawa, Ont., Dr. G. M. Geldert.
CMGN	O	1000	a	Iovellanos, Cuba, RHC-Cadena Azul.
HJAK	....	500	z	Barranquilla, Col., "La V. del la Patria."
KFBB	C	5000	a	Great Falls, Mont., Buttrey Broadcast. Inc.
KLS	....	1000	a	Oakland, Calif., Warner Bros.
TGI	....	....	d	Guatemala City, Guat., "Radio Morse."
WCAM	2	500	a	Camden, N. J., City of Camden.
WCAP	2	500	a	Asbury Park, N. J., Radio Industries Broadcast Co.
WDOD	C	5000	e	Chattanooga, Tenn., WDOD Brdcastg. Corp.
WIBA	N	5000	a	Madison, Wis., Badger Brdcastg. Co., Inc.
WISH	....	1000(5)	z	Indianapolis, Ind., Captiol Brdcastg. Corp.
WORC	C	1000	a	Worcester, Mass., Alf. Frank Kleindienst.
WRR	M	5000	a	Dallas, Tex., City of Dallas.
WTNJ	2	500	a	Trenton, N. J., WOAX, Inc.
XEAD	....	500	z	Guadalajara, Jal.
XEC	....	250	a	Tijuana, B. Cfa., Luis F. Encisco.
XEHV	....	1000	z	Veracruz, Ver. C.
XEMG	....	250	z	Gomez Palacio, Dgo.

1320 kcs. (227.1 m.)

CMHP	....	250	z	Placetas, Cuba, Guevara y Gonzalez.
CKME	....	250	a	Manzanillo, Cuba
HIDQ	....	1800	z	Medellin, Colombia, "Emisora Claridad."
KDYL	R	5000	a	Salt Lake City, Utah, Intermountain Brdcastg. Corp.
WATR	....	1000	a	Waterbury, Conn., WATR Co., Inc.

BROADCASTING STATIONS BY FREQUENCIES

WEBC	N	5000	a	Duluth, Minn., Head of the Lakes Brdcastg. Co.
WJAS	C	5000	a	Pittsburgh, Pa., Pittsburgh Radio Supply House.
WJHP	....	250	a	Jacksonville, Fla., The Metropolis Co.
WNBZ	D	100	a	Saranac Lake, N. Y., Up-State Brdcastg. Corp.
WNEL	....	5000	a	San Juan, P. R., Juan Piza.
XEAI	....	500	z	Mexico City, D. F., Carmen Gutierrez.
XEBK	....	100	a	Nuevo Laredo, Tamps., Guajardo y Cortes
XESY	....	200	z	Cananen, Son.
1330 kcs. (225.4 m.)				
CMBG	Z	1500	z	Havana, Cuba, John L. Stowers.
CMBS	2	250	a	Havana, Cuba, Enrique Artalejo.
HJAA	....	250	z	Barranquilla, Col., "Ecos de la Costa."
KALE	M	5000	a	Portland, Ore., KALE, Inc.
KFAC	....	1000	a	Los Angeles, Calif., Los Angeles Brdcastg. Co., Inc.
KFH	C	5000	a	Wichita, Kans., Radio Station KFH Co.
WBBR	2	1000	a	Brooklyn, N. Y., Watch Tower Bible & Tract Society, Inc.
WEVD	N	1000	a	New York, N. Y., Debs Memorial Radio Fund, Inc.
WFBC	2	5000	a	Greenville, S. C., Greenville News-Piedmont Co.
WFIN	PD	1000	z	Findlay, Ohio, Findlay Brdcastg. Co.
WHAZ	2	1000	a	Troy, N. Y., Rensselaer Polytechnic Institute.
WHBL	M	250(1)	g	Sheboygan, Wis., Press Pub. Co.
WLOL	M	1000	a	Minneapolis, Minn., Independent Merchants Brdcastg. Co.
XEBO	....	600	z	Irapuato, Gto., Alfonso Martinez.
XECF	....	150	z	Los Moches, Sin., Francisco Perez H.
XEKS	....	100	z	Saltillo, Coah.
	P	250	z	Middletown, N. Y., Community Bcstg. Corp.
1340 kcs. (223.7 m.)				
	P	250	z	Pembroke, Ont.
CFGP	....	250	a	Grande Prairie, Alta., Northern Brdcastg. Corp.
CHCK	....	50	a	Charlottetown, P. E. I., CHCK Radio Brdcastg. Co.
CHWK	F	250	a	Chilliwaek, B. C., Chilliwaek Brdcastg. Co., Ltd.
CILS	F	100	a	Yarmouth, N. S., Laurie L. Smith.
CKCV	F	100	a	Quebec, P. Q., CKCV, Ltd.
CMCJ	....	250	z	Camaguey, Cuba, Calle Cisneros y General Gomez.
KAND	....	250	z	Corsicana, Tex., Navarro Brdcastg. Assn.
HJEF	....	500	z	Cali, Colombia, "La V. de Higuieronia."
KBND	....	250	z	Bend, Ore., The Bend Bulletin.
KCKN	E	250	a	Kansas City, Kans., KCKN Brdcastg. Co.
KCRJ	E	250	a	Jerome, Ariz., Central Arizona Brdcastg. Co
KFPL	....	100(.25)	f	Dublin, Tex., C. C. Baxter.
KFRE	P	250	z	Fresno, Calif.
KFYO	M	250	a	Lubbock, Tex., Plains Radio Brdcastg. Co.
KGEZ	....	250	a	Kalispell, Mont., Donald C. Treloar.
KGFW	....	250	a	Kearney, Nebr., Central Nebraska Brdcastg. Corp
KHMO	....	250	z	Hannibal, Mo., Courier-Post Pub. Co.
KHUB	....	250	a	Watsonville, Calif., John P. Scripps.
KMYR	....	250	a	Denver, Colo., F. W. Meyer.
KOCY	....	250	a	Oklahoma City, Okla., Plaza Court Brdcastg. Co.
KOME	EM	250	z	Tulsa, Okla., Oil Capital Sales Corp.
KPDN	....	100	a	Pampa, Tex., R. C. Hoites.
KRBA	D	250	a	Lufkin, Tex., Red Lands Brdcastg. Assn.
KRIF	P	250	z	Miles City, Mont., Star Printing Co.
KRMD	....	250	z	Shreveport, La., KRMD, Inc.
KROC	EN	250	z	Rochester, Minn., Southern Minn. Brdcastg. Co.
KROS	....	250	z	Clinton, Iowa, Clinton Brdcastg. Corp.
KSUB	....	100	a	Cedar City, Utah, Southern Utah Brdcastg. Co.
KUIN	....	250	a	Grants Pass, Ore., Southern Oregon Brdcastg. Co.
KVIC	....	250	a	Victoria, Tex., Radio Enterprises, Inc.
KVOL	....	250	a	Lafayette, La., Evangeline Brdcastg. Co., Inc.
KVOX	E	250	a	Moorhead, Minn., KVOX Brdcastg. Co.
KVSF	C	100	a	Santa Fe, N. Mex., N. Mex. Brdcastg. Co.
KWFC	....	250	a	Hot Springs, Ark., Hot Springs Brdcastg. Co.
KWLM	....	250	a	Willmar, Minn., Lakeland Brdcastg. Co.
KWOC	....	250	a	Poplar Bluff, Mo., Radio Station KWOC.
KXRO	M	250	a	Aberdeen, Wash., KXRO, Inc.
WAJR	DM	250	a	Winston-Salem, N. C., Radio Station WAJR.
WAML	....	250	a	Laurel, Miss., New Laurel Radio Station, Inc.
WBRE	N	250	a	Wilkes-Barre, Pa., Louis G. Baltimore.
WBRK	M	250	a	Pittsfield, Mass., Monroe B. England.
WBRW	....	250	a	Welch, W. Va., Mc Dowell Service Co.
WCLS	....	250	a	Joliet, Ill., WCLS, Inc.
WCMI	M	250	a	Ashland, Ky., Ashland Brdcastg. Co.
WDAK	....	250	a	West Point, Ga., Valley Brdcastg. Co.
WDMJ	....	250	a	Marquette, Mich., Lake Superior Brdcastg. Co.
WEBR	B	250	a	Buffalo, N. Y., WEBR, Inc.
WEIM	ME	250	z	Fitchburg, Mass., Ruben E. Aronheim.

BROADCASTING STATIONS BY FREQUENCIES

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

1350 kcs (222.1 m.)

CMHJ	....	250	a	Cienfuegos, Cuba, Romaldo Ugalde.
CMKY	....	100	z	Puerto Padre, Cuba.
HIJZ	....	200	z	Trujillo, D. R.
HIJC	....	250	z	Medellin, Col., "Ecos de la Montana."
HIFF	....	250	z	Pereira, Colombia "Ondas de Otun.
HIJA	....	500	z	Pasto, Colombia, "Radio Narino."
KGHF	B	500	a	Pueblo, Colo., Curtis P. Ritchie.
KID	....	500(5)	a	Idaho Falls, Idaho, KID Brdcastg. Co.
KRNT	C	5000	a	Des Moines, Iowa, Iowa Brdcastg. Co.
KSRQ	....	1000	a	Santa Rosa, Calif., Ernest L. Pintey.
WADC	C	5000	a	Akron, Ohio, Allen T. Simmons.
WORK	N	1000	a	York, Pa., York Brdcastg. Co.
WSMB	R	5000	a	New Orleans, La., WSMB, Inc.
XEQK	....	1000	a	Mexico City, D. F.
XETB	....	500	a	Torreón, Coah., Aurelio G. Zaragoza.
XETM	....	1000	a	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.
CGB	M	1000	a	San Diego, Calif., Don Lee Brdcastg. System.
KMO	M	5000	a	Tacoma, Wash., Carl E. Haymond.
KRIS	M	1000	a	Corpus Christi, Tex., Gulf Coast Brdcastg. Co.
KSCJ	N	5000	a	Sioux City, Iowa, Sioux City Journal.
WDRC	C	5000	a	Hartford, Conn., WDRC, Inc.
WKAT	....	1000	a	Miami Beach, Fla., A. Frank Katzentine.
WSAI	MN	5000	a	Cincinnati, Ohio, Crosley Corp.
WTAQ	C	5000	a	Green Bay, Wis., WBRV, Inc.
XEBI	....	250	a	Aguascalientes, Ags., Pedro C. Rivas
XESA	....	500	z	Coliaca, Sin.
XETZ	P	250	z	Tezuitlan, 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
XETO	....	250
YVIRW	....	1000

z	Guanajay, Cuba
d	Ciego de Avila, Cuba, Lnis Marani 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 Brdcastg. Co.
a	Pensacola, Fla., Pensacola Brdcastg. Co.
a	Manchester, N. H., Adelaide B. Rines.
a	Ponce, P. R., Portorican American Brdcastg. 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
HJCJ	....	500
HJDR	....	250
KBWD	....	500
KIDO	N	1000(2.5)
KTSM	N	500(1)
KWK	BM	5000
WAWZ	2	1000(5)
WBNX	2	5000
WMBG	FR	5000
WTSP	....	500(1)
XELF	....	250
XEMX	....	500

a	Brantford, Ont., Telephone City Brdcastg., Ltd.
z	Cruces, Cuba, R. G. Gonzalez.
z	Bogota, Colombia, "Radio Mundial"
z	Manizales, Colombia, "La V. del Comercio
z	Brownwood, Tex., Brown County Brdcastg. Co.
a	Boise, Idaho, Boise Brdcastg. Station.
a	El Paso, Tex., Tri-State Brdcastg. Co., Inc.
a	St. Louis, Mo., Thomas Patrick, Inc.
a	Zarephath, N. J., Pillar of Fire.
a	New York, N. Y., WBNX Brdcastg. Co., Inc.
a	Richmond, Va., Havens & Martin, Inc.
a	St. Petersburg, Fla., Pinellas Brdcastg. Co.
a	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
WOBG	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 Brdcastg. Corp.
a	Minot, N. Dak., John B. Cooley.
a	Salem, Ore., Oregon Radio, Inc.
a	Charleston, S. C., S. C. Brdcastg. Co., Inc.
a	Syracuse, N. Y., Onondaga Radio Brdcastg. Corp.
a	Chicago, Ill., Oak Leaves Brdcastg. Station, Inc.
a	Rutland, Vt., P. Weiss Music Co.
a	Vicksburg, Miss., Delta Brdcastg. Co., Inc.
a	Jackson, Tenn., Sun Pub. Co., Inc.
z	Chibabua, Chib.
z	Reynosa, Tamps.
z	Tuxpan, Ver. Cruz.

1400 kcs. (214.2 m.)

CFAR	....	100
CFOS	....	250
CHRC	....	100
CKCW	F	250
CKRN	....	250
CMJW	....	250
HJAR	....	250
KELD	....	250
KENO	....	250
KFGO	D	100
KFPW	....	250
KFRU	....	250
KFVS	....	250
KGFL	....	100
KGKL	M	250
KIUN	....	100
KIUP	....	250
KLUF	M	250
KOBH	....	250
KOKO	....	100

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

BROADCASTING STATIONS BY FREQUENCIES

KONO	....	250	a	San Antonio, Tex., Mission Brdcastg. Co.
KORN	....	250	a	Fremont, Nebr., Nebraska Brdcastg. Corp.
KRE	....	250	a	Berkeley, Calif., Central Calif. Broadcasters, Inc.
KRKO	3	100(.25)	a	Everett, Wash., Everett Brdcastg. Co., Inc.
KRLC	....	250	a	Lewiston, Idaho, H. E. Studebaker.
KRMC	....	250	a	Jamestown, N. Dak., Jamestown Brdcastg. Co., Inc.
KTEM	M	250	a	Temple, Tex., Bell Brdcastg. Co.
KTNM	....	250	z	Tucumcari, N. Mex.
KTOK	EMN	250	a	Oklahoma City, Okla., Oklahoma Brdcastg. Co., Inc.
KTSW	M	250	a	Emporia, Kans., Emporia Brdcastg. Co., Inc.
KTTT	P	250	z	Springfield, Mo.
KTUC	CE	250	a	Tucson, Ariz., Tucson Brdcastg. Co., Inc.
KVFD	GM	250	a	Fort Dodge, Iowa, Northwest Brdcastg. Co.
KVGB	....	250	a	Great Bend, Kans., Helen Townsley.
KVRS	....	250	a	Rock Springs, Wyo., Wyoming Brdcastg. Co.
KWLK	....	250	a	Longview, Wash., Twin City Brdcastg. Co.
KWYO	....	250	a	Sheridan, Wyo., Big Horn Brdcastg. Co., Inc.
TGX	....	50	z	Guatemala City, Guatemala
WBAB	BM	250	a	Albany, N. Y., Adirondack Brdcastg. Co., Inc.
WAGF	D	250	a	Dothan, Ala., Dothan Brdcastg. Co.
WARM	P	250	z	Scranton, Pa., Union Brdcastg. Co.
WAIL	M	250	a	Atlanta, Ga., Atlanta Brdcastg. Co.
WATW	M	100	a	Ashland, Wis., WJMS, Inc.
WBLK	N	250	a	Clarksburg, W. Va., Charleston Brdcastg. Co.
WBNY	2	250	a	Buffalo, N. Y., Roy L. Albertson.
WBTH	....	250	z	Williamson, W. Va., Williamson Brdcastg. Corp.
WBTM	P	250	a	Danville, Va., Piedmont Brdcastg. Corp.
WCBI	....	250	a	Columbus, Miss., Birney Ives.
WCBM	B	250	a	Baltimore, Md., Baltimore Brdcastg. Corp.
WCNC	....	250	z	Elizabeth City, N. C., Albermarle Brdcastg. Corp.
WCOS	M	250	z	Columbia, S. C., Carolina Adv. Corp.
WDAS	....	250	a	Philadelphia, Pa., WDAS, Brdcastg. 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	Hattiesburg, Miss., Forrest Brdcastg. Co., Inc.
WFTL	....	250	a	Fort Lauderdale, Fla., Tom M. Byran.
WGBR	....	250	a	Goldsboro, N. C., Eastern Carolina Brdcastg. Co.
WGIL	....	250	a	Galesburg, Ill., Galesburg Brdcastg. Co.
WGRC	M	250	a	New Albany, Ind., North Side Brdcastg. Corp.
WHBQ	....	250	a	Memphis, Tenn., WHBQ, Inc.
WHDF	M	250	a	Calumet, Mich., Upper Mich. Brdcastg. Co.
WHKY	....	250	a	Hickory, N. C., Catawba Valley Brdcastg. Co., Inc.
WHLB	C	250	a	Virginia, Minn., Head of the Lakes Brdcastg. Co.
WHUB	....	250	a	Cookeville, Tenn., WHUB, Inc.
WHYN	....	250	a	Holyoke, Mass., Hampshire-Hampshire Corp.
WINC	N	250	z	Winchester, Va., Richard Field Lewis.
WIAC	R	250	a	Johnstown, Pa., WIAC, Inc.
WIHO	....	100(.25)	a	Opelika, Ala., Opelika-Auburn Brdcastg. Co.
WILB	....	250	a	Detroit, Mich., John L. Booth Brdcastg., Inc.
WILD	P	250	z	Bessemer, Ala.
WIZM	....	250	z	Clarksville, Tenn., Wm. D. Hudson.
WKMO	....	250	z	Kokomo, Ind., Kokomo Brdcastg. Corp.
WKPT	N	250	a	Kingsport, Tenn., Kingsport Brdcastg. Co., Inc.
WKWK	P	250	z	Wheeling, W. Va.
WLLH	Sx	10-100	a	Lawrence, Mass., Merrimac Brdcastg. Co., Inc.
WLLH	SM	250	a	Lowell, Mass., Merrimac Brdcastg. Co., Inc.
WMAN	....	250	a	Mansfield, Ohio, Richland, Inc.
WMBR	C	250	a	Jacksonville, Fla., Florida Brdcastg. Co.
WMFD	P	250	a	Wilmington, N. C., Richard A. Dunlea.
WMGA	....	250	a	Moultrie, Ga., Frank R. Pidcock, Sr.
WMIN	....	250	a	St. Paul, Minn., WMIN Brdcastg. Co.
WMSL	E	250	a	Decatur, Ala., Tenn. Valley Brdcastg. Co., Inc.
WORD	....	250	a	Spartanburg, S. C., Spartanburg Advertising Co.
WPAY	....	250	a	Portsmouth, Ohio, Scotio Brdcastg. Co.
WRAK	....	250	a	Williamsport, Pa., WRAK, Inc.
WRDO	MN	100	a	Augusta, Maine, WRDO, Inc.
WRTN	....	250	z	Racine, Wis., Racine Brdcastg. Corp.
WRRN	C	....	z	Warren, Ohio, Nied & Stevens
WSAU	M	250	a	Wausau, Wis., Northern Brdcastg. Co., Inc.
WSLB	....	250	a	Ogdensburg, N. Y., St. Lawrence Brdcastg. Corp.
WSRR	....	250	z	Stamford, Conn., Stephen R. Rintoul.
WSVS	G2	50	z	Buffalo, N. Y., Board of Education.
WTCM	....	250	a	Traverse City, Mich., Midwestern Brdcastg. Co.
XEAT	....	100	z	Navojoa, Son.
XEAM	....	250	z	Matamoros, Tam.
XEDE	....	100	z	Torreón, Coah.
XEF	....	100	a	Iuarez, Chih., Gilberto Gil.

BROADCASTING STATIONS BY FREQUENCIES

XEI	....	250
XEJA	....	100
XEKI	....	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
HTEI	....	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
WFCI	....	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
CMH	....	250
HJFL	....	100
HOC	....	100
KFJM	....	500(1)
KGNC	M	1000(5)
KILO	P	500(1)
KMED	N	1000
KPRO	CP	1000
WA&B	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 Bcstg. Co.
z	Brainerd, Minn., Brainerd-Beimidji, 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., KUJ, Inc.
a	Pawtucket, R. I., Pawtucket Brdcastg. Co.
z	Cleveland, Ohio, United Brdcastg. Co.
a	Davenport, Iowa, Tri-City Brdcastg. Co.
z	St. Albans, Vt., Vermont Radio Corp., Inc.
z	Mazatlan, Sin.
a	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. Mingoe
a	Tulsa, Okla., Tulsa Brdcastg. Co., Inc.
z	Pasadena, Calif., So. Calif. Brdcastg. Co.
z	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".

z	Matanzas, Cuba, "Rialto".
z	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

XEFI 1000
 XELZ 1000

a Chihuahua, Chih., Feliciano Lopez Lopez Islas.
 z Mexico City, D. F., Maria Gardena de Zetina.

1450 kcs. (206.8 m.)

..... P 250
 CFCL 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
 KPBC 250
 KFIZ 250
 KFMB 250
 KGFF EM 250
 KGLW 3 100
 KGLU EN 250
 KIDW 3 100
 KLBW 250
 KMYC 250
 KNET D 100
 KORE M 250
 KRBC M 250
 KRBM EN 250
 KRIC 250
 KSAN 250
 KTRI M 250
 KWBW 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
 WFMI 250
 WFNC P 250
 WFPG 250
 WGL N 250
 WGNC 250
 WGOV 250
 WGPC C 250
 WHDL 250
 WHFC 250
 WHLN P 250
 WHLS 250
 WHMA 250
 WIBM B 250
 WILM 250
 WIMS 250
 WIPA P 250
 WKEU 100
 WKIP 250
 WLAN P 250
 WI AP M 250
 WLEU B 250
 WIPM 250
 WMAS C 250
 WMBH 250
 WMFT N 250
 WMSD 250
 WMVA 100(.25)
 WNAR 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.
 z 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 Brdcasts, 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.
 z Rocky Mount, N. C., Wm. Avera Wynne.
 a Youngstown, Ohio, Wm. F. Maag, 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., Blanfox Radio Co., Inc.
 a Port Huron, Mich., Port Huron Brdcastg. Co.
 a Anniston, Ala., Harry M. Ayers.
 a Jackson, Mich., WIBM, Inc.
 a Wilmington, Del., Delaware Brdcastg. Co.
 z Ironwood, Mich., WIMS, Inc.
 z Washington, Pa., Washington Brdcastg. Co.
 a Griffin, Ga., Station WKEU
 a Poughkeepsie, N. Y., Poughkeepsie Brdcastg. Corp.
 z Endicott, N. Y., Thomas J. 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 Iolain Mo., Iolain 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 Brdstg. Co.
WSPB	....	250	a	Sarasota, Fla., WSPB, Inc.
(VWVDC	..P	250	a	Washington, D. C., Capital Brdstg. Co.
XEBJ	....	100	a	Victoria, Tam., Fernando Elizalde.
XEQO	....	250	a	Torreón, Coah., Maria Refugio Acosta.
XEDT	....	100	z	Magdalena, Son.
XEFK	....	100	z	Merida, Yuc., Manuel Zapata Espinosa.
XEGC	....	100	z	Zamora, Micho., Guillermo Calzada.
XEIX	....	250	z	Querétaro, Que.
XEPP	....	250	z	Orizaba, Ver.
XERK	....	100	z	Tejic, Nay.
XETA	..P	250	z	Tapachula, Chia.
XEXE	....	100	z	Texcoco, Mex.
XEXP	....	100	z	Matamoros, Tam.
	....	250	z	New Bern, N. C., Coastal Bdstg. Co.

1460 kcs. (205.4 m.)

CJGX	..F	1000	a	Yorkton, Sask., Yorkton Brdstg. Co., Ltd.
CMCG	....	250	a	Havana, Cuba, "La Onda", S.A.
CMKQ	..E	500	z	San Luis Oriente, Cuba
HTBE	....	100	z	Cienega, Col., "Ondas del Magdalena."
KEVE	....	500	z	Everett, Wash., Cascade Brdstg. Co., Inc.
KGNF	..D	1000	a	North Platte, Nebr., Great Plains Brdstg. Co.
KINY	....	5000	a	Juneau, Alaska, Edwin A. Kraft.
KSO	..M	1000(5)	a	Des Moines, Iowa, Iowa Brdstg. 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 Brdstg. Co.
WOKO	..CK	500(1)	a	Albany, N. Y., WOKO, Inc.
XELH	....	100	z	Nuevo Laredo, Tam.
WFTJ	....	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 Sebatier.
CMTO	....	250	a	Ciego de Avila, Cuba, Bonifacio Ildefonso.
H180	....	25	z	Trujillo, D. R., Julio A. Garcia.
HJFE	....	250	z	Pereira, Colombia, "La V. de Pereira."
KDFN	....	1000	a	Casper, Wyo., Donald Lewis Hathaway.
RELA	..M	1000	a	Centralia, Wash., Central Brdstg. Corp.
KXYZ	..M	1000	a	Houston, Tex., Harris County Brdstg. Co.
WBIG	..C	5000	a	Greensboro, N. C., N. C. Brdstg. Co., Inc.
WCBA	..a	500	a	Allentown, Pa., Lehigh Valley Brdstg. Co.
WMBD	..C	1000(5)	a	Peoria, Ill., Peoria Brdstg. Co.
WSAN	..N	500	a	Allentown, Pa., Lehigh Valley Brdstg. Co.
XEAU	....	5000	z	Tiunana, B. Cfa.
XESM	....	1000(5)	z	Mexico City, D.F., Av. Claudio Bernard.
YV3RE	1475	1500	a	Barquisimeto, Venez., "Radio Barquisimeto"
	....	1000	z	Houston, Tex., San Jacinto Brdstg. Co.

1480 kcs. (202.6 m.)

CHGS	..F	50	a	Summerside, P.E.I., R. T. Holman, Ltd.
CTVI	....	500	a	Victoria, B. C., Victoria Brdstg. Ass'n.
CMHX	....	250	a	Cienfuegos, Cuba, J. Garcia R.
HTDL	....	500	z	Medellin, Col., "Ecos del Occidente"
KCMO	..S	1000(5)	a	Kansas City, Mo., KCMO Brdstg. Co.
RGCX	..F	1000	a	Wolf Point, Mont., E. F. Krebsback.
KIEM	..M	500(1)	a	Eureka, Calif., Redwood Brdstg. Co.
KTBS	..N	1000	a	Shreveport, La., Tri-State Brdstg. Sys. Inc.
WGAR	..C	1000(5)	a	Cleveland, Ohio, WGAR Brdstg. Co.
WHOM	....	500(1)	a	Jersey City, N. J., N. J. Brdstg. Corp.
WRDW	..CP	5000	a	Augusta, Ga., Augusta Brdstg. 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.
CJIC	..F	250	a	Sault Ste. Marie, Ont., Whitby & Hyland.
CTMB	..P	100	z	Medicine Hat, Alta.
CMCA	..2	250	a	Havana, Cuba, Tester y Gonzalez.
CMKF	....	250	z	Holguin, Cuba, Manuel De Gonzora.
CMOX	..2	250	a	Havana, Cuba, Perez y Chisholm.
HJDU	....	250	z	Medellin, Colombia
KBIX	..FM	250	a	Muskogee, Okla., Okla. Press Pub. Co.

BROADCASTING STATIONS BY FREQUENCIES

KBKR	....	250	a	Baker, Ore., Baker Brcdstg. Co.
KBST	M	100	a	Big Spring, Tex., Big Spring Herald Brcdstg. Co.
KBUR	....	250	z	Burlington, Iowa, Burlington Brcdstg. Co.
KDB	EM	250	a	Santa Barbara, Calif., Santa Barbara Brcdsters., Ltd.
KDRO	....	250	z	Sedalia, Mo., Drolich Bros.
KEYS	....	250	a	Corpus Christi, Tex., Nueces Brcdstg. Co.
KFAA	P	250	z	Helena, Ark., Helena Brcdstg. Co.
KEEW	....	100(.25)	a	Brownsville, Tex., Eagle Brcdstg. Co., Inc.
KGKB	M	250	a	Tyler, Tex., East Texas Brcdstg. Co.
KGKY	....	250	a	Scottsbluff, Nebr., Hilliard Co.
KNEL	....	100(.25)	a	Brady, Tex., G. L. Burns.
KNOW	M	250	a	Austin, Tex., Frontier Brcdstg. Co., Inc.
KONB	....	250	z	Omaha, Nebr.
KOTN	....	250	a	Pine Bluff, Ark., Universal Brcdstg. Corp.
KOVC	....	250	a	Valley City, N. Dak., KOVC, Inc.
KPAB	....	250	a	Laredo, Tex., Mervel M. Valenune.
KPLC	....	250	a	Lake Charles, La., Calcasieu Brcdstg. Co.
KPLT	M	250	a	Paris, Tex., North Texas Brcdstg. Co.
KRNK	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 Brcdstg. 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 Brcdstg. Co.
WBAB	C	250	a	Atlantic City, N. J., Press Union Pub. Co.
WBTA	P	250	z	Batavia, N. Y., Batavia Brcdstg. Corp.
WDAN	....	250	z	Danville, Ill., Northwestern Pub. Co.
WDBC	P	250	z	Escanaba, Mich., Delta Brcdstg. Co.
WDNC	C	250	a	Durham, N. C., Durham Radio Corp.
WERC	C	100(.25)	a	Erie, Pa., Presque Isle Brcdstg. Co.
WGAL	N	250	a	Lancaster, Pa., WGAL, Inc.
WGKV	N	100	a	Charleston, W. Va., Kanawah Valley Brcdstg. Co.
WGIC	....	250	a	Greenville, N. C., Greenville Brcdstg. Co.
WHBB	....	100	z	Selma, Ala., Selma Brcdstg. Co., Inc.
WIGM	....	250	a	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 Brcdstg. Corp.
WKRO	P	250	z	Cairo, Ill., Oscar C. Hirsch.
WMIS	P	250	z	Natchez, Miss., Natchez Brcdstg. Co.
WMJM	....	100(.25)	a	Cordele, Ga., Cordele Dispatch Pub. Co., Inc.
WMOG	....	100(.25)	a	Brunswick, Ga., Coastal Brcdstg. Co.
WMRC	....	250	a	Greenville, S. C., Textile Brcdstg. Co.
WMRF	P	250	z	Lewistown, Pa., Lewistown Brcdstg. Co.
WMRN	....	250	z	Marion, Ohio, Marion Brcdstg. Co.
WNLC	M	250	a	New London, Conn., Thames Brcdstg. Corp.
WOLF	....	250	a	Syracuse, N. Y., Civic Brcdstg. Corp.
WOMI	....	250	a	Owensboro, Ky., Owensboro Brcdstg. Co.
WOPI	....	250	a	Bristol, Tenn., Radiophone Station WOPI.
WOSH	P	250	z	Oshkosh, Wis., Howard H. Wilson
WRGA	....	250	a	Rome, Ga., Rome Brcdstg. Corp.
WLSL	....	250	a	Roanoke, Va., Roanoke Brcdstg. Corp.
WSTP	M	250	a	Salisbury, N. C., Piedmont Brcdstg. Corp.
WTMC	....	100	a	Ocala, Fla., Ocala Brcdstg. Co., Inc.
WTMV	....	250	a	East St. Louis, Ill., Miss. Valley Brcdstg. Co., Inc.
WWSW	....	250	a	Pittsburgh, Pa., Walker & Downing Radio Corp.
XECH	....	250	z	Toluca, Mex.
XEDR	....	100	z	Guaymas, Son., Modeste Ortega.
XFGT	....	100	z	Guadalajara, Jal.
XETR	....	100	z	Parral, Chih.
XEOB	P	100	z	Gomez Palacio, Dgo.
XETR	....	100	z	Madero, Tam.
XEXP	....	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.
WTSV	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	Palmira, Colombia "Radio Palmira"
a	Spokane, Wash., Louts Wassner.
Ca	Nashville, Tenn., WLAC Brdcstg. 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"
e	Oklahoma City, Okla., KOMA, Inc.
e	Guatemala City, Guat., Radiodifusora Nacional
z	Hammond, Ind., Hammond-Calumet Brdcstg. Corp.
a	Buffalo, N. Y., Buffalo Brdcstg. Corp.
a	Ponce, Puerto Rico, Julio M. Conesa

1530 kcs. (196 m.)

KFBK	BE	10000
WCKY	C	50000

a	[]
a	Sacramento, Calif., McClatchey Brdcstg. 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
NEBG	....	1000
NEML	?	1000

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

1560 kcs. (112.2 m.)

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

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

1570 kcs. (191.0 m.)

CFPL	F	1000
NEAW	....	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
CMJO	....	250

a	[]
a	Chicoutimi, P. Q., Canadian Bestg. 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	....	10000
WBRY	CM	5000
KEMC	....	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	Tiajuana, B. C.

1600 kcs. (187.4 m.)

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

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

ANSWERS

Continuation from page 49

L. M. Jenson, Box 35, Cowley, Wyoming.

For James O. Weaver: My thanks for answers to my questions concerning 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., Springfield, Mass.

For Ken Brown: "Station you are hearng is HUB 5556 kcs. in El Salvador. QRA. Director Gen. de Comunicaciones 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	
KWJB	1240
Jerome	
KCRJ	1340
Lowell	
KSUN	1230
Phoenix	
KOY	550
KPHO	1230
KTAR	620
Prescott	
KVCA	1490
Safford	
KGLU	1450

Tucson	
KTUC	1400
KVOA	1290
Yuma	
KYUM	1240

ARKANSAS

Blotzville	
KLCN	900
El Dorado	
KELD	1400
Fort Smith	
KFWP	1400
Helena	
KFFA	1490
Hot Springs	
KTHS	1090
KWFC	1340
Jonesboro	
KBTM	1230
Little Rock	
KARK	920
KGHI	1230
KLRA	1010
Pine Bluff	
KOTN	1490
Siloam Springs	
KUOA	1290

CALIFORNIA

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
KMT	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

KGFJ	1230
KHJ	930
KMTR	570
KNX	1070
KRKK	1150
Marysville	
KMYC	1450
Merced	
KYOS	1080
Modesto	
KTRB	860
Monterey	
KDON	1240
Oakland	
KLS	1310
KTN	910
KROW	960
Pasadena	
KDAS	1110
KPPC	1240
KWKW	1430
Redding	
KVCV	1230
Riverside	
KPRO	1440
Sacramento	
KFBK	1530
KROY	1240
San Bernardino	
KFXM	1240
San Diego	
KFMB	1450
KFSI	600
KGB	1360
San Francisco	
KFRC	610
KGO	810
KIBS	1100
KPO	680
KSAN	1450
KSFO	560
KYA	1260
San Jose	
KQW	1010
San Luis Obispo	
KVEC	1230
Santa Ana	
KVOE	1490
Santa Barbara	
KDB	1400
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	1310
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

CONNECTICUT

Bridgeport	
WICC	600
WNAB	1450
Hartford	
WDRG	1360
WTIC	1080
WHTT	1230
New Britain	
WNBC	1410
New Haven	
WELI	960
New London	
WNTC	1110
Stamford	
WRSR	1400
Waterbury	
WATR	1320
WBRY	1590

DELAWARE

Wilmington	
WDEL	1150
WILM	1350

DISTRICT OF COLUMBIA

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

FLORIDA

Daytona Beach	
WFTJ	1470
De Land	
WPER	1310

Ft. Lauderdale	
WFTL	1400
Ft. Myers	
WFTM	1240
Gainesville	
WR	
Jacksonville	
WTAX	930
WTHP	1320
WMBR	1400
Lakeland	
WVAK	1340
Lakeworth	
WWPG	1340
Miami	
WTOD	610
WQAM	560
Miami Beach	
WKAT	1360
Ocala	
WTMC	1490
Orlando	
WDBO	580
WLOF	1230
Panama City	
WDLI	1230
Pensacola	
WCOA	1370
St. Augustine	
WFOY	1110
St. Petersburg	
WSUN	620
WTSP	1380
Sarasota	
WSPB	1430
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	1460
WGST	920
WSB	750
Augusta	
WAGA	590
WRDW	1480
Brunswick	
WMOG	1400
Cedartown	
WGAA	1340
Columbus	
WRBI	1230
Cordele	
WMJM	1400
Dalton	
WRLJ	1230

BROADCASTING STATIONS BY LOCATIONS

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

HAWAII

Hilo
KHBC 1230
Honolulu
KGMB 50
KGU 760
Lihue
KTOH 1490

IDAHO

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

ILLINOIS

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

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

Cicero
WHFC 1450
Danville
WDAN 1490
Decatur
WSOY 1340
East St. Louis
WTMV 1490
Galesburg
WGIL 1400
Harrisburg
WEBQ 1240
Herrin
WJPF 1340
Jacksonville
WLDL 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
WGRG 1400
Richmond
WKVB 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
WHI 1040
Dubuque
KDTI 1370
WKBB 1490
Fort Dodge
KVFD 1400
Iowa City
WSUI 910
Marshalltown
KFTR 1230
Mitchellville
W9XC 1040
Mason City
Ottumwa
KBIZ 1240
Shenandoah
KPNF 920
KMA 960
Sioux City
KSCJ 1360
KTRI 1450

KANSAS

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

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

KENTUCKY

Ashland
WCMI 1340
Bowling Green
WLB 1340
Harlan
WHLN 1450
Jenderson
WSO 860
Hopkinsville
WHOP 1230
Lexington
WLP 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
WARI 1230
WLBZ 620
Lewiston
WCOU 1240
Portland
WCNH 970
WGAN 560
Presque Isle
WAGM 1450

MARYLAND

Baltimore
WRAT 1000
WBAL 770

WCAO 600
WCBM 1400
WFBR 1300
WTH 1230

Cumberland
WTBO 820

Frederick
WFMD 930

Hagerstown
WJEJ 1240

Salisbury
WBOC 1490

MASSACHUSETTS

Boston
WAAB 1440
WBZ 1030
WCOP 1150
WEEI 590
WHDH 850
WMEX 1510
WNA 1260
WORL 950
Fall River
WSAR 1080
Fitchburg
WEIM 1340
Greenfield
WHAI 1240
Holyoke
WHYN 1400
Hyannis
WOCB 1240
Lawrence
WLAW 680
WLLH 1400
Lowell
WLLH 1400
New Bedford
WNBH 1340
Pittsfield
WBRK 1340
Salem
WESX 1230
Springfield
WRZA 1030
WMAS 1450
WSPR 1270
Worcester
WMAV 1230
WORC 1310
WTAG 580

MICHIGAN

Battle Creek
WEIL 1400
Bay City
WRCM 1440
Calumet
WHDF 1400
Detroit
WTBK 1400
WFLB 1400
WTR 760
WWJ 950
WXYZ 1270
East Lansing
WKAR 870
Fscanaha
WDBC 1490

BROADCASTING STATIONS BY LOCATIONS

<p>Flint WFDF 910</p> <p>Grand Rapids WASH 1 WLAV 1340 WOOD 1306</p> <p>Ironwood WJMS 1450</p> <p>Jackson WIBM 1450</p> <p>Kalamazoo WKZO 590</p> <p>Lansing WJIM 1240</p> <p>Lapeer W MPC 1230</p> <p>Marquette WDMJ 1340</p> <p>Muskegon WKBZ 1490</p> <p>Pontiac WCAR 1130</p> <p>Port Huron WHLS 1450</p> <p>Royal Oak WEXL 1340</p> <p>Saginaw WHAL 980 WSAM 1230</p> <p>Sault Ste. Marie WSOO 1230</p> <p>Traverse City WTCM 1400</p>	<p>Willmar KWLM 1340</p> <p>Winona KWNO 1230</p> <p style="text-align: center;">MISSISSIPPI</p> <p>Columbus WCBI 1400</p> <p>Greenville WJPR 1340</p> <p>Greenwood WGRM 1240</p> <p>Gulfport WGCM 1240</p> <p>Hattiesburg WFOR 1400</p> <p>Jackson WIDX 1300 WSLI 1450</p> <p>Laurel WAML 1340</p> <p>McComb WSKB 1230</p> <p>Meridian WCOC 910</p> <p>Natchez WMIS 1490</p> <p>Vicksburg WQBC 1390</p> <p style="text-align: center;">MISSOURI</p> <p>Cape Girardeau KFVS 1400</p> <p>Clayton KFUO 850</p> <p>Columbia KFRU 1400</p> <p>Hannibal KHMO 1340 Jefferson City KWOS 1240</p> <p>Joplin WMBH 1450</p> <p>Kansas City KCMO 1480 KITE 1590 KMBC 980 WDAF 610 WHB 880</p> <p>Poplar Bluff KWOC 1300</p> <p>St. Joseph KFQO 680</p> <p>St. Louis KMOX 1120 KSD 550 KWK 1380 KXOK 630 WEW 770 WIL 1230</p> <p>Sedalia KDRD 1490</p> <p>Springfield KGBX 1260 KFTS 1400 KWTO 560</p> <p style="text-align: center;">MONTANA</p> <p>Billings KGHL 790</p>	<p>Bozeman KRBM 1450</p> <p>Butte KGIR 1370</p> <p>Great Falls KFBB 1310</p> <p>Helena KPFA 1240</p> <p>Kalispell KGEZ 1340</p> <p>Miles City KRJF 1340</p> <p>Missoula KGVO 1290</p> <p>Wolf Point KGCX 1480</p> <p style="text-align: center;">NEBRASKA</p> <p>Fremont KORN 1400</p> <p>Grand Island KMMJ 750</p> <p>Hastings KHAS 1230</p> <p>Kearney KGFV 1340</p> <p>Lincoln KFAB 780 KFOR 1240</p> <p>Norfolk WJAG 1090</p> <p>North Platte KGNF 1460</p> <p>Omaha KOIL 1290</p> <p>KOWH 660 WOW 590</p> <p>Scottsbluff KGKY 1490</p> <p style="text-align: center;">NEVADA</p> <p>Las Vegas KENO 1400</p> <p>Reno KOH 630</p> <p style="text-align: center;">NEW HAMPSHIRE</p> <p>Keene WKNE 1290</p> <p>Laconia WLNH 1340</p> <p>Manchester WFEA 1370 WMTV 610</p> <p>Portsmouth WHEB 750</p> <p style="text-align: center;">NEW JERSEY</p> <p>Asbury Park WCAP 1310</p> <p>Atlantic City WBAR 1 WFBG 1450</p> <p>Bridgeton WSNJ 1240</p>	<p>Camden WCAM 1310</p> <p>Jersey City WAAT 970 WHOM 1480</p> <p>Newark WHBI 1280</p> <p>Paterson WPAT 930</p> <p>Red Bank WBRB 1240</p> <p>Trenton WTNJ 1310 WTTM 920 KICA 1240</p> <p>Zarephath WAWZ 1380</p> <p style="text-align: center;">NEW MEXICO</p> <p>Albuquerque KGGM 1260 KOB 770</p> <p>Carlsbad KAVE 1240</p> <p>Clovis KICA 1400</p> <p>Hobbs KWEW 1490</p> <p>La Vegas KFUN 1230</p> <p>Roswell KGFL 1400</p> <p>Santa Fe KVSV 1340</p> <p>Tucumcari KTNM 1400</p> <p style="text-align: center;">NEW YORK</p> <p>Albany WABY 1400 WOKO 1460</p> <p>Auburn WMBO 1340</p> <p>Batavia WBTA 1490</p> <p>Binghamton WBNF 1290</p> <p>Brooklyn WBYN 1430 WBBR 1330 WCNV 1600</p> <p>Buffalo WBEN 930 WBNY 1400 WBR 1340 WGR 550 WKBW 1520 WWSV 1400</p> <p>Elmira WENY 1230</p> <p>Endicott WLAN 1450</p> <p>Freeport WGBB 1240</p> <p>Ithaca WHCU 870</p> <p>Jamestown WJTN 1240</p> <p>Kingston WKNY 1490</p>	<p>Middletown 1330</p> <p>Newburgh WGBY 1220</p> <p>New York WABC 880 WBNX 1380 WEAF 660 WEVD 1330 WHN 1050 WINS 1000 WIZ 770 WMCA 570 WNEW 1130 WNYC 830 WOR 710 WOV 1280 WQXR 1560</p> <p>Niagara Falls WHLD 1290</p> <p>Ogdensburg WSLB 1400</p> <p>Olean WHDL 1450</p> <p>Plattsburg WMFF 1340</p> <p>Poughkeepsie WKIP 1450</p> <p>Rochester WHAM 1180 WHEC 1460 WSAY 1240</p> <p>Saranac Lake WNBZ 1320</p> <p>Schenectady WGY 810</p> <p>Syracuse WAGE 620 WFBL 1390 WOLF 1490 WSYR 570</p> <p>Troy WHAZ 1330 WTRY 980</p> <p>Utica WIBX 1230</p> <p>Watertown WATN 1240 WWNY 1300</p> <p>White Plains WFAS 1240</p> <p>Woodside WWRL 1600</p> <p style="text-align: center;">NORTH CAROLINA</p> <p>Asheville WISE 1230 WWNC 570</p> <p>Burlington WBBB 920</p> <p>Charlotte WAYS 610 WBT 1110 WSOC 1240</p> <p>Durham WDNC 1490</p> <p>Elizabeth City WCNC 1400</p> <p>Fayetteville WFNC 1450</p> <p>Gastonia WGNC 1450</p>
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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	
WAIR	1340
WSJS	600

NORTH DAKOTA

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

OHIO

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

WHK	1420
WTAM	1100
Columbus	
WBNS	1460
WCOL	1230
WHKC	640
WOSU	820
Dayton	
WHIO	1290
WING	1410
Findlay	
WFN	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	
WFMT	1450
WKBN	570
Zanesville	
WHIZ	1240

OKLAHOMA

Ada	
KADA	1230
Ardmore	
KVSO	1240
Bartlesville	
	1400
Elk City	
KASA	1240
Enid	
KCRC	1390
Lawton	
KSWO	1150
Muskogee	
KBIX	1490
Norman	
WNAD	640
Oklahoma City	
KOCY	1340
KOMA	1520
KTOK	1400
WKY	930
Okmulgee	
KHBB	1240
Ponca City	
WBBZ	1230
Shawnee	
KGFF	1450
Tulsa	
KOME	1340
KTUL	1430
KVOO	1170

OREGON

Albany	
KWTL	1240
Astoria	
KAST	1230
Baker	
KBKR	1490

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

PENN-SYLVANIA

Allentown	
WCBA	1470
WSAN	1470
Altoona	
WFBG	1340
Butler	
WISR	680
DuBois	
WCFD	1230
Easton	
WEST	1400
Erie	
WERC	1490
WLEU	1450
Glenside	
WIBG	990
Greensburg	
WHTB	620
Grove City	
WSAI	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
WDAS	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	
WPRR	790
Ponce	
WPAB	1370
WPRP	1520
San Juan	
WIAC	580
WKAQ	620
WNEL	1320

RHODE ISLAND

Pawtucket	
WFCI	1420
Providence	
WEAN	790
WTAR	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	
KELO	1230
KSOO	1140
Vermillion	
KUSD	920
Watertown	
KWAT	1240
Yankton	
WNAX	570

TENNESSEE

Bristol	
WOPI	1490
Chattanooga	
WAPO	1150
WDEF	1400
WDOD	1310
Clarksville	
WJZM	1400
Cookeville	
WHUB	1400
Jackson	
WTJS	1390
Johnson City	
WJHL	910
Kingsport	
WKPT	1400
Knoxville	
WBR	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
Dublin	KFPL 1340
El Paso	KROD 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 1516 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 WGKV 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	WRTH 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
CJCJ	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	
CILEX	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	
CFCY	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	
CJRM	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
CMKT	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 Rio	
CMAB	1450
CMAN	1300
CMAQ	1410
Placetas	
CMHP	1320
Puerto Padre	
CMKY	1350
Sagua la Grande	
San Luis	
CMKQ	1460
CMHA	1280
Sancti Spiritus	
CMIB	1410
Santa Clara	
CMII	570
CMIN	960
CMHO	1250
CMHQ	810
Santiago	
CMKC	1250
CMKD	1290
CMKG	1050
CMKN	930
CMKR	1390
CMKU	970
CMKW	1000
Trinidad	
CMPT	690
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	
CMJH	1370
CMJI	1440
CMJM	1270
CMJO	1470
Cienfuegos	
CMHJ	1350
CMHM	1450
CMHX	1480

Cruces	
CMHK	1380
Guanajay	
CMJAC	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	
Aguascalientes	
XEBI	1360
XELY	1490
BAJA CALIFORNIA	
Ensenada	
XEPF	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
XEMO	860
XEON	1420
XERT	1270
	1190
CAMPECHE	
Campeche	
XEA	1370
CHIAPAS	
Gutierrez	
XENT	1280
Tepachula	
XETA	1450
CHIHUAHUA	
Camargo	
XEDN	1270
Casas Grandes	
XETX	1400
Chihuahua	
XEBU	1260
XEBW	1280
XEFI	1440
XEM	1390
uarez	
XEF	1420
XEFV	1270
XEJ	970
XEP	1500
XESK	800
XEWG	1360
Parral	
XEAT	1250
XEFR	1490
COAHUIL	
Piedras Negras	
XEMJ	920
XEMU	580
Sabinas	
XEBX	610

Saltillo	
XEKS	1330
XESJ	1420
XEXU	1490
Torreón	
XEBP	1260
XEBQ	1450
XEDE	1400
XEJZ	920
XEOH	600
XETB	1350
Villa Acuna	
XEAB	1600
XEAQ	1430
XEDH	1340
COLIMA	
Colima	
XERL	1280
DISTRITO FEDERAL	
Mexico	
XEAI	1320
XEB	1220
XEBS	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
XERF	790
XERH	1500
XESM	1470
XEST	1060
XEUN	860
XEW	900
DURANGO	
Durango	
XEE	1280
Gomez Palacio	
XEMG	1310
XEOB	1490
GUANAJUATO	
Irapuato	
XERO	1330
XEWE	1420
Leon	
XFFM	1270
XFRZ	1240

GUERRERO	
Acapulco	
XEKJ	1400
JALISCO	
Guadalajara	
XEAD	1310
XED	680
XEDK	1250
XEGT	1490
XEHK	960
XEHL	1370
XETB	1010
XELW	1340
XEXN	1400
Guzman	
XERA	1270
Tepatitlan	
XETJ	1150
MEXICO	
Texcoco	
XENE	1450
Toluca	
XECH	1490
XESX	1340
MICHOACAN	
Morelia	
XELQ	1270
XELQ	1270
XEI	1400
XESF	600
Uruapan	
XEFU	550
Zamora	
XEGC	1450
NAYARIT	
Tepic	
XERK	1450
XEXT	980
NUEVO LEON	
XEAW	1570
XEFB	630
XEG	1050
XEH	1420
XEMR	1370
XFT	900
XEH	1420
OAXACA	
Oaxaca	
XEAX	1270
PUEBLA	
Puebla	
XECD	1170
XEHR	1090
Tehuacan	
XETZ	1360
QUERETARO	
XEJX	1450

SAN LUIS POTOSI	
San Luis Potosi	
XEBM	1260
XECZ	1430
XEXQ	1400
SINALOA	
Culiacan	
XERL	1260
XEGF	1300
XESA	1360
Los Mochis	
XECF	1330
XEOX	1280
Mazatlan	
XEDS	1420
XERJ	610
SONORA	
Agua Prieta	
XERY	1410
Cananea	
XEFO	980
XESY	1320
Guaymas	
XEDR	1490
Hermosillo	
XEBH	920
XEHO	590
XEDL	1250
XEOP	960
Magdalena	
XEDJ	1450
Naco	
XETM	1350
Navojoa	
XEAT	1400
XEGL	1270
XENJ	1430
Nogales	
XEHF	1370
XEON	1010
XEFY	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
XEAW	1010
XEAZ	590
XEKN	1390
Tampico	
XECA	980
XEFW	810
XES	1300
XETU	1460
Victoria	
XEBJ	1450
TLAXCALA	
Tlaxcala	
XEYZ	1480
VERA CRUZ	
Coatzacoalcos	
XEFZ	1340
Cordoba	
XEAG	1280
XECW	1340
Jalapa	
XEJA	1400
Minatitlan	
XEDW	1260
Orizaba	
XETH	580
XETQ	1370
XEPP	1450
Tuxpan	
XETL	1390
Veracruz	
XEHV	1310
XETF	1250
XEU	960
XEXF	1490
YUCATAN	
Merida	
XEFC	1340
XEFK	1450
XEMF	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	
TISJMM	575
Cartago	
TIMC	735
Heredia	
T14NRH	710
San Jose	
TIEP	835
TIEP2	1225
TIGPH	605
TIFA	1000
TIGH	606
TIGPH2	800
TIH2	1150
TILY	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

GUATE- MALA	
Guatemala	
City	
TGX	1520
TGX	1400
TGI	1310
Quezalte- nango	
TGO	1450
HAITI	
Port-au- Prince	
HHK	1080
HHW	1230
HONDURAS	
Tegucigalpa	
HRN	1450
MARTINI- QUE	
Fort de France	
	1500
MIOUELON	
St. Pierre	
FQN	609
NEW- FOUND- LAND	
St. John's	
VOAR	25
VOCM	1005
VONF	640
VOWR	700
NICARA- GUA	
Managua	
YNLG	1000
YNOW	1230
YNPH	660
PANAMA	
Colon	
HOK	640
Panama City	
HOC	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
HJCI	1380
HJCK	1290
HJCM	970
HJCO	1160
HJCR	1200
HJCS	920
HJCU	720
HJCU	1040
Bucaramanga	
HJGE	1130
HJGK	1280
Buga	
HJEI	1410
Cali	
HJEB	1150
HJEC	1300
HJEE	1090
HJEL	1260
Cartagena	
HJAF	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
HJDO	1320
HJDR	1380
HJDT	1150
HJDU	1490
Monteria	
HJAM	1210
Palmira	
HJEM	1510
Papoyan	
HJEG	1450
Pereira	
HJFE	1470
HJFF	1350
Santa Marta	
HJBJ	1140
Tulua	
HJEK	1430

VENEZUE- LA

Barcelona	
YV6RE	1080
Barquisimeto	
YV3RA	1270
YV3RE	1475
Bolivar	
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	1155
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 its 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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