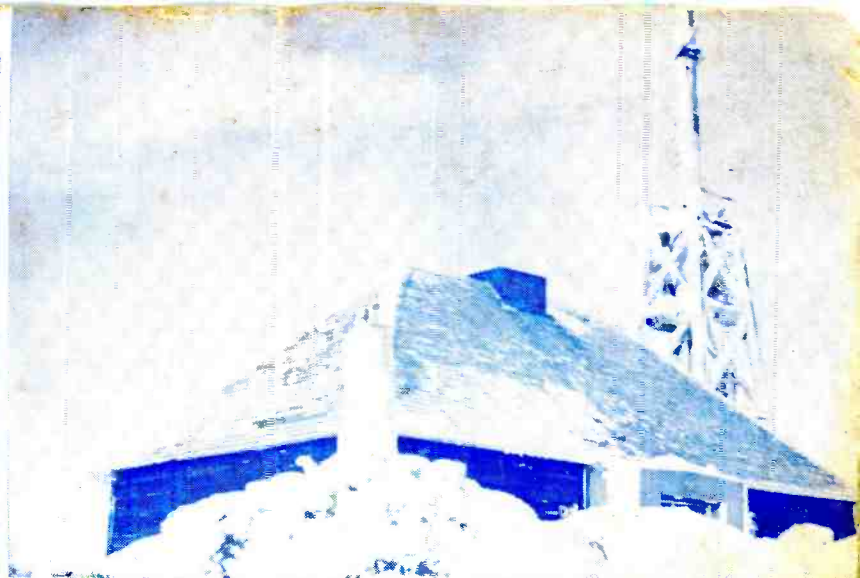


DX ALMANAC



A CATALOGUE OF INFORMATION FOR
RADIO LISTENERS - DX FANS - RADIO AMATEURS
RADIO ADVERTISERS - CARD COLLECTORS - SWAPPERS

WARTIME
EDITION

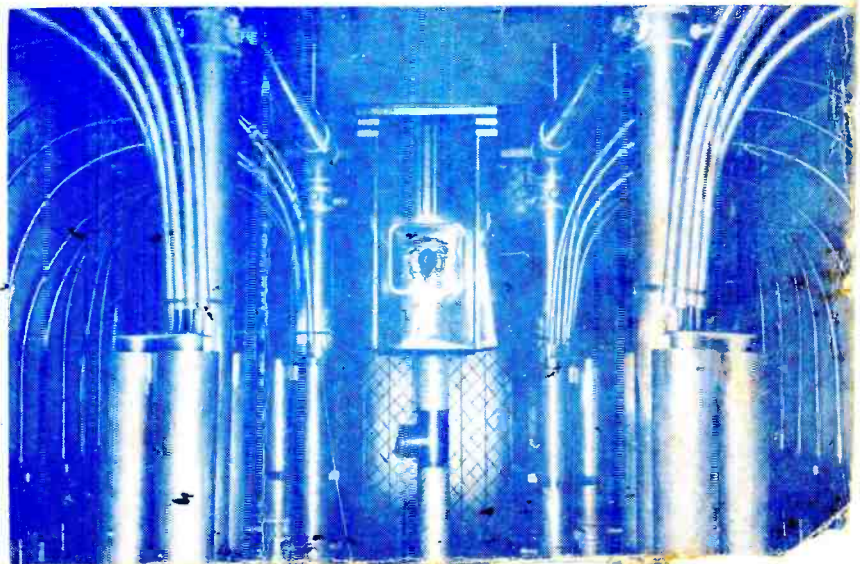
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Number 1
-1944-

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and published by*

VICTORY RADIO CLUB



"I AM A DXer"

By OWEN P. CALLIN

AN ARTICLE FOR THE NEWCOMER TO THE DX HOBBY. EXPLAINS THE HOBBY IN SIMPLE LANGUAGE.

I am a member of a certain fraternity living in all parts of the civilized world. I have a brother in Kodiak, Alaska, and some in Hobart, Tasmania. I have kin in every State of the Union and every country of the globe.

Some of my brothers can't even speak my language nor I theirs. Some of them are fighting side by side in this World War II and some are fighting each other.

Despite the fact that our activities began a scant two decades ago, we are one of the fastest-growing and largest world-wide organizations.

Friends, I am a radio DXer!

DX in the parlance of the radio means distance, and the DXer then is a radio listener who strives to tune in on stations as far away from his radio as he can get. Other DXers try to tune in as many stations as is possible.

Many of you can remember the old days when it was a thrill to twist the dials and hear that far away voice out on the Pacific Coast say:

"This is KFI, Los Angeles!"

What a thrill that was and the original members of our fraternity have never escaped the DX bug. To this day they turn the dials and listen for some other far away voice saying:

"You are listening to XGRS, Shanghai!"

Engineers of radio stations throughout the world often wonder how well their signals are being received and welcome letters from all over the world. To obtain more reports the station owners often print beautiful cards with the station's call letters embossed thereon and send these cards to listeners who write to the station and describe how well their signals were heard in that particular part of the world.

These cards are called verifications, as is any answer returned to the DXer by a station, verifying that the listener has really heard and logged that station.

It is the verification that is the basis of the DX hobby. Many stations verify with an ordinary letter. Others send badges or some varticular notation of the principal product of their region. A Montana station is famous for its note of verification printed on a thin sheet of rolled copper — the station being located in the heart of a copper-mining district.

All a station asks is proof that its signals have been heard accompanied by a report on signal strength, fading, statis, weather conditions, etc.

And to the DXer with a good receiver covering from 550 kilocycles (the top of the broadcast band) to 30,000 kilocycles (ten meters) the whole world with its thousands of stations is at his finger-tips.

DX clubs have sprung up throughout the world with each sometimes having members in as many as 50 countries to keep each other informed of new stations, changes in frequency, etc. Of course, the war has curtailed activities but individual DXers are keeping alive the hobby.

DXers either keep their cards and letters of verification in a scrapbook or paste them on the wall of their listening-room. Many stations are noted for their beautiful cards, among them Radio Martinique on that little French Island, K6OQI in Hawaii with his la-la-la hula girl, and those of the South African stations.

Practically all DXers, after a year or so in the game become specialists. Usually they begin by limiting their dial twirling either to the standard broadcast band, or to the shortwave bands. These are the two major divisions of the radio spectrum, though shortwave bands, of course are further subdivided and some shortwave listeners devote their major attention only to certain types of shortwave stations.

The standard broadcast band covers the stations usually heard on the regular commercial radio receivers, where you hear Jack Benny, Bob Hope and others. This is the grand-daddy of all DX bands, for it is on this band that DX originated. Many loyal broadcast band (affectionately abbreviated ECB) fans would never DX on any other band, (terming reception of foreign stations on shortwaves "too easy" or "not enough fun.")

The shortwave fans, (called SWL's) on the contrary will point to the fact that they always have the world at their finger tips, and also boast that they don't have to stay up all night to hear "DX" on the shortwaves. However this is an argument of long standing which probably never will be settled as long as there are DXers.

I said shortwave listeners often specialize in certain types of reception. In pre-war days many listened only to the "ham band" as the amateur stations are called. These are off the air for the duration, however. Others, listen only to police calls, and still others like to identify "CW" stations, or in the language of the un-initiated, stations using morse code instead of voice.

SWL's have cards which they use for reporting reception of stations. These SWL cards are usually printed in many colors

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Cover photos-top: WMTW xmitter, atop Mt. Washington and bottom: intricate pattern formed by antenna feed lines at WGTR in Paxton, Mass.

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with names and club affiliations prominently displayed. SWL's also exchange these cards with their fellow SWL's. The exchanging of cards which has spread to block letter and post card views as well as SWL cards, has grown to be quite a side-line hobby among DXers.

DX is a hobby that can never be completed because of the number of stations and the new ones springing up daily. There are over 700 broadcast stations in the United States alone and were 55,000 amateur stations before the war shut down their activities.

And it takes quite a bit of accurate listening and detective work to identify a station broadcasting in a language with which you are unfamiliar.

The field's wide open and anyone who wishes can join my organization. All it takes is a radio, a copy of DX Almanac, to discover where the station you are listening to is located, and writing material. Drop the station a line and ask for their verification card. This is your proof that you tuned in the station.

We'll guarantee you get a kick out of the DXing game.

JOIN

The Most Active Club In Radio
for particulars write

VICTORY RADIO CLUB

15 Ellsmere St.,
Worcester 5, Mass.

WORLD BROADCAST STATIONS MASTER LIST

Victory Radio Club

A complete listing by frequencies of all standard broadcast stations throughout the world

Compiled by Lincoln A. Mayo

The listing for each channel is divided into two sections. North, Central and South American stations are listed first, with those of Canada, Cuba, Mexico and the United States listed in bold face letters. Following, in separate sequence, are stations of the rest of the world. An asterisk (*) following the call indicates a station outside the North American Continent known to have been heard in this country.

The exact frequency, when not a multiple of 10, is shown in the second column.

Night time power in watts is shown in the third column. Day-time power (when different) is indicated in parentheses, and is listed in kilowatts.

SECOND COLUMN SYMBOLS

A—Radio Habana Cuba Cadena Azul	P—Construction permit only
B—Blue Network Company	Q—Circuito CMQ (NBC affiliate)
C—Columbia Broadcasting System	R—Circuito Cadena Roja
D—Daytime only	S—Synchronized—day and night
E—Experimental station	Su—Synchronized—night only
F—Canadian Broadcasting Corporation	U—Cadena Radiodifusora Mexicana (NBC affiliate)
G—Specified hours of operation	V—Cadena de las Americas (operated by CBS)
J—Status in doubt	W—NBC Pan-American Network
L—Limited time with dominant station	X—Cadena Radio Inter-Americana (Crosley Corp.)
M—Mutual Broadcasting System	2, 3, 4—Stations indicated by the same numeral share time.
N—National Broadcasting Company	

This station list is based on the latest information available. Information from war-torn lands is at a premium and the accuracy of the listings of stations in those countries cannot be guaranteed. The editors have, however, done their utmost to insure maximum possible accuracy under present world conditions.

540 KCS

CBK	F	50000	Watrous, Sask. 9:30 AM-1:30 AM.
HAL3	546	120000	Budapest, Hungary.
RW54*		10000	Khabarovsk, USSR.

550 KCS

CFNB	F	1000	Fredericton, N. B. J. Stewart Neill, mgr. 6:00 AM-11:00PM.
CMW	R	2500	Havana, Cuba. (Prado 553).
CW1		4500	Colonia, Uruguay. "Radio Popular". (Izutango y Rivadavia).
KFYR	N	5000	Bismarck, N. D. Cal Culver.
ROAC		1000(5)	Corvallis, Ore. Grant Feiker. 9:00 AM-1:00 AM.
KOY	C	1000(5)	Phoenix, Ariz. 8:00 AM-2:00 AM.
KSD	N	1000(5)	St. Louis, Mo. 2-1:30 AM.
KTSA	C	1000(5)	San Antonio, Tex.
WDEV	D	1000	Waterbury, Vt. Paul Hurd. C. E.
WGR	M	1000(5)	Buffalo, N. Y.
WKRC	M	1000(5)	Cincinnati, Ohio. 6:00 AM-2.
WSVA	D	1000	Harrisonburg, Va. 5:45 AM-LS.
XEKL		100	Jalapa, Ver. C.
XEPX		250	La Paz, B. Cfa.
XELF	UV	300	Uruapan, Micho. Ignacio Navarro, owner.
RW51		556 1000	Naltchik, USSR.
RW52		556 20000	Tchita, USSR.
ZCR		10000	Cumnock, Australia.
....*		556 100000	Beromunster, Switzerland.

560 KCS

CJKL	F	1000	Kirkland Lake, Ont. 7:00 AM-11:30 PM.
CMKM		250	Manzanillo, Cuba. (Mochon y Figueredo).
KFDM	B	1000	Beaumont, Tex. Bernice Anderson, Sec.
KLZ	C	5000	Denver, Colo. G. W. Meyer, Mgr. 8:00 AM-2:00 AM.
KPQ	B	500(1)	Wenatchee, Wash. (CP-1000). P. G. Richards. 9:00 AM-2.
KSFO		1000(5)	San Francisco, Cal. P. G. Lasky, Mgr. 24 hours daily.
KWTO	D	5000	Springfield, Mo. (CP-1000(5)). Bill Baley, Pro. Dir. 5:00 AM-LS.
LV1	V	5000	San Juan, S. J., Argentina. "Radio Grafigna." (Mitre 1115).

Re Master List

Verification-signers and operating schedules of domestic stations are listed when known. Slogans of foreign stations are listed in quotation marks, with mailing addresses indicated in parentheses. The method of listing construction permits is as follows: Stations are listed showing the frequency and power in use at the time of going to press. Any outstanding CP's are listed in parentheses. In cases where a frequency change is involved, the station is also listed on the proposed frequency, with the symbol "P" to denote that it holds a CP only for those facilities.

WE'RE PROUD

The Editors of this publication are proud of the accuracy and completeness of the lists in DX Almanac. More than a year of research is represented in these pages. It will be appreciated if any changes will be reported to the publishers by readers so that our files may be kept up to date for future issues. This, however, may be the only DX Almanac for the duration, so preserve it well! After the bigger there'll be more and bigger DX Almanacs—Watch For Them!

FM DI-POLE ANTENNA WANTED

Will pay reasonable price for an FM-di-pole antenna in good condition. Write:

Box Z, VICTORY RADIO CLUB
15 Ellsmere St.
Worcester 5, Mass.

LOVER OF MUSIC — JUST OFF THE PRESS

Two new songs. "A Dreamer's Dream," and "Evening's Twilight Glow." Songs you're sure to like. Our get acquainted offer, both for 50c. Snapshot included. BMI Licensed.

JOHN BAVA
Box 413 Davis, W. Va.

FREE - FREE - FREE

Stamp and Coin Catalog, Big Mail. Send post card.

W. WHITE
Box 124 Woodside, L. I., N. Y.
INDIAN PENNIES WANTED

RUBBER STAMPS— MADE TO ORDER

One line, 15c; 2 lines, 25c; 3 lines 35c. CUSHION MOUNTING—1 line 25c; 2 lines, 40c; 3 lines, 55c.

The NATIONAL SALES REGISTER
3515 Overhill Chicago, Ill.

WFIL	B	1000	Philadelphia, Pa. A. Nygren, C. E. 5:45 AM-7.
WGAN	C	5000	Portland, Me. Roger W. Hodgkins, C. E. 6:30 AM-12:05 AM.
WIND		5000	Gary, Ind. Rita Pelka. 6:00 AM-5:00 AM.
WIS	N	5000	Columbia, S. C. Floyd Rogers, Pro. Dir. 6:00 AM-12:05 AM.
WQAM	C	1000(5)	Miami, Fla. Norman McKay, Pro. Dir. 6:45 AM-12:00 Mid., or 24 hours daily (alternates weekly with WIOD).
XEOF		1000	Mexico City, D. F.
.....	P	100	Santa Rosalia, B. Cfa.
.....	P	250	Mexicali, B. Cfa.
FJP		500	Noumea, New Caledonia. "Radio Noumea."
HCT	565	3000	Catania, Italy.
HFA	565	3000	Palermo, Italy.
MTCY		100000	Hsingking, Manchukuo.
RW42	565	10000	Gorkii, USSR.
XGOG		10000	Chengtu, China.
ZTU		10000	Grahamstown, U. So. Africa.
6WA		10000	Minding, Australia.
.....*	565	60000	Athlone, Eire. "Radio Athlone."

570 KCS

CB57	V	10000	Santiago, Chile. "Radio Sociedad." (Casilla 40-D).
CMHH	AV	15000	Santa Clara, Cuba. 6:45 AM-12:35 AM. (C. Central, Km. 303).
KGKO	B	5000	Fort Worth, Tex. 7:00 AM-2.
KMTR		1000	Los Angeles, Cal. K. Tinkham, Mgr. 24 hours daily. (Silent Tues. 3 AM).
KUTA	D	5000	Salt Lake City, Utah. 8:00 AM-2:15 AM.
KVI		5000	Tacoma, Wash. J. W. Wallace, C. E. 8:30 AM-2:00 AM.
TI5JIM	575	1500	Alajuela, Costa Rica. "Ecos del Poas."
WKBN	C	5000	Youngstown, Ohio. A. O. Hardy.
WMAM	D	250	Marinette, Wis.
WMCA		5000	New York, N. Y. Lillian Cohen. ?-1:15 AM.
WNAX	C	1000(5)	Yaukton, S. D. (CP-5000). Arthur J. Smith, Pro. Dir. 7:00 AM-1:05 AM.
WSYR	N	5000	Syracuse, N. Y. A. G. Belle Isle, C. E. 6:15 AM-1:00 AM.
WWNC	C	1000	Asheville, N. C. (CP-5000). G. B. Hoskins, C. E. 7:00 AM-12:05 AM.
XEJT		100	Guanajuato, Gto.
JBFK		500	Riri, Korea.
JOCP		300	Koriyama, Japan.
RW72	577	10000	Tcheliabinsk, USSR.
XGRS	.....	.....	....., China. (Reported by NZDNC; exact location unknown).
2YA*		60000	Wellington, New Zealand.
.....*	574	100000	Stuttgart, Germany.

580 KCS

CJFX	F	1000	Antigonish, N. S. 6:45 AM-11:00 PM.
CKCL	M	1000	Toronto, Ont. M. D. Rapkin, Pro. Dir. 7:00 AM-12:00 Mid.
CKPR	F	1000	Fort William, Ont. 7:45 AM-11:30 PM.
CKUA	F	1000	Edmonton, Alta.
CP44		50	Cochabamba, Bolivia. "Radio Popular."
CW3		200	Florida, Uruguay. "Radio Rural del Uruguay." (25 de Mayo, 545).
KMJ	N	5000	Fresno, Cal. 24 hours daily. (Silent Tues. 3 AM).
KSAC	2	500(1)	Manhattan, Kans. 10:30 AM-6:30 PM.
LV12	V	5000	Tucuman, Tuc., Argentina. "Radio Aconquija."
PRC3		500	Polotas, R. G. do Sul, Brazil.
PRG5		2000	Santos, S. P., Brazil.
WCHS	C	5000	Charleston, W. Va. Odes Robinson, C. E. 6:00 AM-2.
WDEO	C	5000	Orlando, Fla. D. Burnet. 24 hours daily.
WIAC	X	5000	San Juan, P. R. Felix Muniz. ?-11:20 PM.
WIBW	C2	5000	Topeka, Kans. Bill Brian.
WILL	D	5000	Urbana, Ill. A. James Ebel, C. E.
WTAG	C	5000	Worcester, Mass. E. A. Browning, C. E. 7:30 AM-12:00 Mid.
XEAV	UW	1000	Guadalajara, Jal.
XEMU	UW	250(5)	Piedras Negras, Coah.
XETH		1000	Orizaba, Ver. C.
.....	P	100	Chihuahua, Chih.
JFCK		1000	Taichu, Formosa.
RW36	586	10000	Archangel, USSR.
3WV*		10000	Horsham, Australia.
.....*	583	60000	Grenoble, France. "Alps Grenoble."
.....*	583	50000	Madona, Latvia.

590 KCS

CMCY	AV	15000	Havana, Cuba. Cristobal Diaz. (Prado y Carcel).
KGMH*	CM	5000	Honolulu, T. H.
KHQ	N	5000	Spokane, Wash. G. Luffman. 10:00 AM-5:00 AM.
KTBC	C	250(1)	Austin, Tex.

BROADCAST STATIONS

BY CALL

An index of all North and Central American broadcasting stations, giving the frequency of each. Readers are referred to the BCB Master List for location, power, and other information.

CBA -1070	CKRN -1400
CBF -690	CKSO -790
CBJ -1580	CKTB -1550
CBK -510	CKUA -580
CBL -740	CKVD -1230
CBM -940	CKWS -960
CBO -910	CKWX -980
CBR -1130	CKX -1150
CBV -980	CKY -990
CBY -1010	CMAB -1450
CBZ -960	CMAC -1370
CFAR -1400	CMAN -1300
CFCF -600	CMQA -810
CFCH -600	CMBA -1420
CFCN -1010	CMBC -790
CFCO -630	CMBD -1460
CFCP -630	CMBF -730
CFEG -1340	CMBG -1390
CFJC -910	CMBH -1510
CFLC -1450	CMBL -860
CFNB -550	CMBO -1150
CFOS -1400	CMBS -1090
CFPL -1570	CMBS -1390
CFPR -1240	CMBY -1120
CFQC -600	CMCZ -950
CFRB -860	CMC -1360
CFRC -1490	CMCA -1490
CFRN -1260	CMCB -1330
CFAB -800	CMCD -630
CHAD -1340	CMCE -910
CHEN -1430	CMCG -1460
CHIG -1230	CMCH -1290
CHGS -1480	CMCI -1580
CHLN -1450	CMCK -980
CHLP -1490	CMCM -1060
CHLT -1240	CMCO -1230
CHMI -900	CMCQ -760
CHNC -610	CMCR -1580
CHNS -960	CMCU -1190
CHOV -1340	CMCW -1230
CHPS -1450	CMCX -1290
CHRC -800	CMCY -590
CHSJ -1150	CMGE -1470
CHWK -1340	CMGF -1240
CJAT -610	CMGH -1440
CJBR -900	CMGN -1310
CJCA -930	CMHA -1280
CJCB -1270	CMHB -1110
CJCC -1230	CMHD -1560
CJCS -1240	CMHI -570
CJEM -1240	CMHJ -1350
CJFN -580	CMHK -1380
CJGN -1460	CMHM -1450
CJJC -1490	CMHO -1250
CJKL -560	CMHP -1320
CJLA -1400	CMHQ -800
CJLS -1340	CMHT -990
CJMH -1490	CMHW -960
CJOC -1060	CMHN -1480
CJOR -600	CMJA -1060
CJRT -1220	CMJC -1340
CJVI -1480	CMJE -1230
CKAC -730	CMJF -1300
CKBI -900	CMJH -1370
CKCA -1450	CMJI -1400
CKCH -1240	CMJK -1160
CKCK -620	CMJT -920
CKCL -580	CMJN -1270
CKCO -1310	CMJN -740
CKCR -1490	CMJO -1470
CKCV -1340	CMJP -1580
CKCW -1400	CMJW -1440
CKGB -1470	CKK -830
CKLN -1450	CKKC -1250
CKLW -800	CKKD -1290
CKMO -1410	CKKE -1320
CKNB -950	CKKF -1490
CKNN -920	CKKG -1050
CKOC -1150	CKKH -1130
CKOV -630	CKKI -970
CKPC -1380	CKKM -560
CKPR -580	CKKN -930
CKRC -630	CKKO -1320
CKRM -980	CKKQ -1460

LS10		6000	Buenos Aires Argentina. "Radio Callao."
WAGA	B	5000	Atlanta, Ga. Don Toset, Dir.
WEEI	C	5000	Boston, Mass. F. McLaughlin. 5:30 AM-1:05 AM.
WKZO	C	5000	Kalamazoo, Mich.
WMBS	C	1000	Uniontown, Pa. S. M. Gloffetty, C. E.
WOW	N	5000	Omaha, Neb. 24 hours daily.
XEHQ		300	Hermosillo, Son. Jose Sosa.
XEPH		5000	Mexico City, D. F.
XERT		250(5)	Reynosa, Tams.
YV5RI*		1000	Caracas, D. F., Venezuela. "Radio Continente."
JOAK1*		150000	Tokyo, Japan.
RW35	598	10000	Astrakhan, USSR.
NHKB		100	Tongchow, China.
....*	593	100000	Vienna, Austria. "Wien-Bisamberg."

600 KCS

CFCF	B	500	Montreal, Que. J. A. Shaw, Mgr. 7:00 AM-12:00 Mid.
CFGH	F	100	North Bay, Ont. 7:00 AM-11:30 PM.
CFQC	F	1000	Saskatoon, Sask. 10:30 AM-1:00 AM.
CJOR		1000	Vancouver, B. C. 11:00 AM-1:00 AM.
CMKV	AV	1000	Holguin, Cuba. (R. C. Jardin-Km 770.1).
HJFX	W	1000	Manizales, Cuba. "Emisora Electrica."
KFSB	N	1000	San Diego, Cal. 10:00 AM-3:00 AM.
KROD	C	500(1)	El Paso, Tex. Ed Talbot, C. E.
PRH2	W	25000	Porto Alegre, R. G. S., Brazil. "Radio Sociedade Farrroupilha."
TIGPH	605	6500	San Jose, Costa Rica. "Radio Alma Tica."
VOWR		500	St. John's, Newfoundland.
WCAO	C	5000	Baltimore, Md. 24 hours daily.
WICC	M	500(1)	Bridgeport, Conn. Dorothy Whitehead, sec.
WMT	CM	5000	Cedar Rapids, Iowa. 6:30 AM-1:05 AM.
WREC	C	5000	Memphis, Tenn. Mildred Hughes.
WSJS	N	5000	Winston-Salem, N. C. 6:00 AM-?
XEDN		1000	Torreon, Coah.
XESF		250	Morelia, Micho.
XEZ		2000	Merida, Yuc.
CNR*	601	24000	Rabat, Morocco. "Radio Maroc."
JOMG		500	Miyazaki, Japan.
RW6	608	2500	Frounze, USSR.
SBD*	601	10000	Sundsvall, Sweden.
XMHA		1000	Shanghai, China.
ZTC		10000	Cape Town, U. So. Africa.
7ZL*		2000	Hobart, Australia.
....	601	15000	Athens, Greece.

610 KCS

CHNC	F	1000	New Carlisle, Que. 7:45 AM-11:30 PM.
CJAT	F	1000	Trail, B. C. 9:30 AM-2:30 AM.
CX4		5000	Montevideo, Uruguay. "Direccion de Agro-nomia." (Millan 746).
KDAL	C	1000	Duluth, Minn. R. Halloran, DX Anner.
KFAR		5000	Fairbanks, T. A.
KFRC	M	5000	San Francisco, Cal. J. J. McArdle, C. E. 9:00 AM-3:00 AM.
TGW	VWX	10000	Guatemala City, Guatemala. "La Voz de Guatemala."
WAYS	BM	1000	Charlotte, N. C. W. L. Smith, Asst. Gen. Mgr. 6:30 AM-?
WCLE	D	500	Cleveland, Ohio. E. L. Gove, Tech. Sup.
WDAF	N	5000	Kansas City, Mo. 7:00 AM-1:00 AM.
WIOD	N	5000	Miami, Fla. Janet Patton. 24 hours daily (alternates weekly with WQAM).
WIP	M	5000	Philadelphia, Pa. Edward Wallis. 24 hours daily.
WMUR	B	1000(5)	Manchester, N. H. Betty Leary, Pro. Dir. 6:30 AM-?
WSGN	BM	1000(5)	Birmingham, Ala.
XEBX	UW	250	Sabinas, Coah.
XELR		100	Vera Cruz, Ver. C.
.....	P	250	Agua Prieta, Son.
.....		20000	Florence, Italy
JOJK		3000	Kanazawa, Japan.
KZRM	618.5	50000	Manila, Philippines. (Reported dismantled before Jap occupation.)
RW18		1000	Piatigorsk, USSR.
RW68	617	2500	Abakan, USSR.
RW79		10000	Mourmanski, USSR.
XGSS		15	Tsunshi, China.
ZED		570	Bulawayo, Southern Rhodesia.
2FC*		10000	Sydney, Australia.
....	617	90	St. Denis, Reunion. "Radio St. Denis."

620 KCS

CB62		1000	Santiago, Chile. "Radio Chilena." (Casilla 107-D).
CKCK	F	1000	Regina Sask. 8:30 AM-1:30 AM.
CP32		50	La Paz, Bolivia. "Radio Bolivia." (Casilla 699)
KGW	N	5000	Portland, Ore. 9:30 AM-2:00 AM.
KWAR	N	5000	Phoenix, Ariz. 8:00 AM-1:15 AM.
KWFT	C	1000(5)	Wichita Falls, Tex. John Adams, C. E.

CMKR-1090	KBIZ-1240
CMKS-900	KBKR-1490
CMKU-720	KBND-1340
CMKV-600	KBON-1490
CMKW-1000	KBPS-1450
CMKX-1390	KBST-1490
CMKY-1350	KBTM-1230
CMKZ-1430	KBUR-1490
CMOA-1360	KBWD-1380
CMOX-1490	KCKN-1340
CMW-690	KCMC-1450
CMW-550	KCMO-1480
CMX-1010	KCRC-1390
CMZ-1260	KCRJ-1340
CMZ-1-660	KDAL-610
FQN-670	KDB-1490
HHK-1080	KDFN-1470
HHW-1230	KDKA-1020
HIX-950	KDLR-1240
HIZ-1350	KDNT-1450
H8Q-1470	KDON-1240
HOC-1440	KDRO-1490
HOK-640	KDTH-1370
HOQ-1260	KDYL-1320
HPC-1360	KECA-790
HPBC-720	KEEW-1490
HRN-1450	KELA-1470
KABC-1450	KELD-1400
KABR-1420	KELO-1230
KADA-1230	KENO-1400
KALB-1240	KERN-1410
KALE-1330	KEUB-1460
KAND-1340	KEVE-1460
KANS-1240	KEVR-1090
KARK-920	KEX-1190
KARM-1430	KEYS-1490
KASA-1240	KFAB-780
KAST-1230	KFAC-1330
KATE-1450	KFAM-1450
KAVE-1240	KFAR-610
KBIX-1490	KFBB-1310



Cleverly designed verification card from KSCJ in Sioux City, Iowa.

KFBC-1240	KFXD-1230
KFBI-1070	KFXJ-920
KFBK-1530	KFXM-1240
KFDA-1230	KFYO-1340
KFDM-560	KFYR-550
KFEL-950	KGA-1510
KFEQ-680	KGB-1360
KFFA-1490	KGBS-1240
KFGQ-1260	KGBX-1260
KFH-1330	KGCU-1270
KFI-640	KGCX-1480
KFIO-1230	KGDE-1230
KFIZ-1450	KGDM-1140
KFJB-1230	KGEK-1230
KFJI-1240	KGER-1390
KFJM-1440	KGEZ-1340
KFJZ-1270	KGFF-1450
KFKA-910	KGFJ-1230
KFKU-1250	KGFL-1400
KFMB-1450	KGFW-1340
KFNF-920	KGFX-630
KFOR-1240	KGGF-690
KFOX-1280	KGGM-1260
KFPW-1400	KGHF-1350
KFPY-920	KGHI-1230
KFQD-790	KGHL-790
KFRC-610	KGIR-1370
KFRE-1340	KGIW-1450
KFRB-1370	KGKB-1490
KFRU-1400	KGKL-1400
KFSB-600	KGKO-570
KFSG-1150	KGKY-1490
KFUN-1230	KGLO-1300
KFUO-850	KGLU-1450
KFVD-1020	KGMB-590
KFVS-1400	KGNC-1440
KFWB-980	KGNE-1460

LV3	V	15000
PRH3		20000
TIPG 625 VW		5000
WAGE	BM	1000
WCAX	C	1000
WHJB	D	250
WKAA	CV	5000
WLBZ	N	500(1)
WROL	N	500(1)
WSUN	B	5000
WTMJ	N	5000
XENK		5000
CTIAA*	629	20000
LKK	629	20000
LKT	629	20000
RW16	625	10000
UP	629	10000
XHHK		100
ZTB		5000
3AR*		10000
.....*		15000
.....		20000
.....		1000
.....	629	2000

630 KCS

CA63		250
CC63		100
CFCO	F	100
CFCY	F	1000
CKOV	F	1000
CKRC		1000
CMOD		15000
KGFX	DG	200
KOH	B	1000
KVOD	B	5000
KXOK	B	5000
LV6	W	10000
PRJ6		1000
WMAL	B	5000
WPRO	C	5000
XED		500
XEFB	UW	500(1)
XETS*		100
YVKA	....	....
JOKK		500
OKP*	638	120000
RW28	635	300
RW32	635	10000
4QN*		7000

640 KCS

CB64	W	25000
CC64		100
CW7	W	250
HOK	W	500
KFI	N	50000
LU4	W	1000
PRB8		2600
PRF9	W	5000
PRG6		500
VONF		12000
WHKC	LM	500
WNAD	D	1000
WO1	D	5000
YSS	W	500
ZNS		5000
JODG		500
RW29	648	10000
XGAP1	....	....
ZBK		250
ZTV	645	15000
5CK*		7500
.....*		100
.....	648	100000

Cordoba, Argentina. "Radio Cordoba." (San Martin 74).
 Sao Paulo, S. P., Brazil.
 San Jose, Costa Rica. "La Voz de la Victor." (Apartado 225).
 Syracuse, N. Y. Howard G. Barth.
 Burlington, Vt. John C. Quill, C. E. 6:55 AM-11:10 PM.
 Greensburg, Pa. 7:00 AM-LS.
 San Juan, P. R. John A. Zerbe.
 Bangor, Me. (CP-5000).
 Knoxville, Tenn.
 St. Petersburg, Fla. G. Whittington. 24 hours daily.
 Milwaukee, Wis.
 Mexico City, D. F.
 Lisbon, Portugal.
 Kristiansand, Norway.
 Trondelag, Norway.
 Kuibyshev, USSR.
 Peshawar, India.
 Shanghai, China.
 Bioemfontein, U. So. Africa.
 Melbourne, Australia.
 Brussels, Belgium.
 Cairo, Egypt.
 Toyohara, Japan.
 Zagreb, Yugoslavia.

Iquique, Chile. "Radio Terepaca." (Casilla 209).
 Rancagua, Chile. "Radio Central." (Casilla 288).
 Chatham, Ont. 7:15 AM-10:30 PM.
 Charlottetown, P. E. I. 6:30 AM-11:00 PM.
 Kelowna, B. C. M. E. Royle. 11:00 AM-2:00 AM.
 Winnipeg, Man. 7:30 AM-1:00 AM.
 Havana, Cuba. "La Voz del Aire." (Hotel Palace, Vedado).
 Pierre, S. D. Ida McNeil or Bob Dye.
 Reno, Nev. Merle Snider. 9:30 AM-3:00 AM.
 Denver, Colo.
 St. Louis, Mo. 24 hours daily.
 Mendoza, Men., Argentina. "Radio Mendoza."
 Aracaju, Sergipe, Brazil.
 Washington, D. C. Elizabeth Ballou. 2-2:00 AM.
 Providence, R. I. H. William Koster, Pro. Dir. 6:00 AM-1:00 AM.
 Guadalajara, Jal.
 Monterrey, N. L.
 Tapachula, Chis.
 Caracas, D. F., Venezuela. "Radio Nacional."
 Okayama, Japan.
 Praha, Czechoslovakia. (German-operated "Liblitz").
 Vladivostok, USSR.
 Vladivostok, USSR.
 Townsville, Australia.

Valparaiso, Chile. "La Union de Recreo." (Casilla 1045).
 Concepcion, Chile. "Radio del Sur." (Freire 799).
 Colonia, Uruguay. "Radio Carmelo."
 Colon, Panama. "La Voz de la Victor."
 Los Angeles, Cal. Kathryn Welter. 24 hrs. daily. (Silent Tues. 3 AM).
 Comodoro Rivadavia, Chu., Argentina. "Radio Com. Riv."
 Rio Preto, S. P., Brazil.
 Porto Alegre, R. G. S., Brazil.
 Cruzeiro, S. P., Brazil.
 St. John's, Newfoundland. 7:30 AM-1:30 PM; 4:30-10:00 PM.
 Columbus, Ohio.
 Norman, Okla. H. Leake, Pro. Mgr.
 Ames, Iowa. A. J. Griffith, Dir. 5:00 AM-LS. (1 kw. 5-6 AM).
 San Salvador, El Salvador.
 Nassau, Bahamas. K. P. Brown. 9-9:15 AM, 1:15-2:15 PM, 6-10 PM.
 Hamamatsu, Japan.
 Petrozavodsk, USSR.
 Peiping, China.
 Hong Kong
 Johannesburg, U. So. Africa.
 Crystal Brook, Australia.
 Shanghai, China.
 Lyons, France. "Lyons PTT".

KGNO-1370	KQW-740
KGO-810	KRBA-1340
KGU-760	KRBC-1450
KGVO-1290	KRBM-1450
KGW-620	KRE-1400
KGY-1240	KRGV-1290
KHAS-1230	KRIC-1450
KHCB-1230	KRIS-1360
KHBB-1240	KRJC-1340
KHJ-930	KRKC-1150
KHMO-1340	KRKO-1400
KHQ-590	KRLC-1400
KHSL-1290	KRLD-1080
KHUB-1340	KRLH-1230
KICA-1240	KRMD-1340
KICD-1240	KRNR-1430
KID-1350	KRNT-1350
KIDO-1380	KROC-1340
KIEM-1480	KROD-600
KIEV-870	KROS-1340
KILO-1440	KROW-960
KINY-1460	KROY-1240
KIRO-710	KRRV-910
KIT-1280	KRSS-1150
KIUL-1240	KSAC-580
KIUN-1400	KSAL-1150
KIUP-1400	KSAM-1490
KJBS-1100	KSAN-1450
KJR-1000	KSCJ-1360
KLBM-1450	KSD-550
KLCN-900	KSEI-930
KLO-1430	KSFO-560
KLPM-1390	KSJB-1400
KLRA-1010	KSKY-660
KLS-1310	KSL-1160
KLUF-1400	KSLM-1390
KLX-910	KSO-1460
KLZ-560	KSOO-1140
KMA-960	KSRO-1350
KMAC-1240	KSTP-1500
KMBC-980	KSUB-1340
KMED-1440	KSUN-1230
KMJ-580	KSVO-1150
KMLB-1230	KTAR-620
KMNJ-750	KTBC-590
KMO-1360	KTBI-1490
KMON-1120	KTBS-1480
KMPC-710	KTEM-1400
KMTR-570	KTFI-1270
KMYC-1450	KTHS-1090
KMYR-1340	KTCC-940
KNEB-1490	KTKN-940
KNET-1450	KTMS-1250
KNOW-1490	KTMO-1400
KNX-1070	KTOB-1490
KOA-850	KTOK-1400
KOAC-550	KTRB-860
KOAM-810	KTRH-740
KOB-770	KTRI-1450
KOBH-1400	KTSA-550
KOCA-1240	KTSM-1380
KOCY-1340	KTSW-1400
KODL-1230	KTTS-1400
KOH-630	KTUC-1400
KOIL-1290	KTUL-1430
KOIN-970	KTW-1250
KOKO-1400	KUIN-1340
KOL-1300	KUJ-1420
KOMA-1520	KUOA-1290
KOME-1340	KUSD-920
KOMO-950	KUTA-570
KONO-1400	KVAK-1450
KOOS-1230	KVAN-910
KORE-1450	KVCV-1230
KORN-1400	KVEC-1230
KOHN-1490	KVFD-1400
KOVC-1490	KVGB-1400
KOVO-1240	KVI-570
KOWH-660	KVIC-1340
KOY-550	KVNU-1230
KPAB-1490	KVOA-1290
KPAC-1250	KVOD-630
KPAS-1110	KVOE-1490
KPDN-1340	KVOL-1340
KPFA-1240	KVOO-1170
KPHO-1230	KVOR-1300
KPLC-1490	KVOS-1230
KPLT-1490	KVOX-1340
KPMC-1560	KVRS-1400
KPO-680	KVSF-1340
KPOF-910	KVSO-1240
KPOW-1230	KVWC-1490
KPPC-1240	KWAL-1450
KPQ-560	KWAT-1240
KPRC-950	KWBW-1010
KPRO-1440	KWBW-1450
KQV-1410	KWEW-1490

650 KCS

650 KCS				
CX6*	20000		Montevideo, Uruguay. "Servicio Oficial de Difusion Radioelectrica." (Martin Fierro 2603).	
TIBAS	655	8000	San Juan de Tibas, Costa Rica. "Estacion Tibas."	
WSM	N	50000	Nashville, Tenn. Harry Stone, Mgr. 7:00 AM-1:00 AM.	
....		300	Pointe-a-Pitre, Guadeloupe. "Radio Destrellan."	
HSUD	652	500	Bangkok, Thailand.	
JOUK		300	Akita, Japan.	
VUR	658	5000	Trivandrum, India.	
1YA*		10000	Auckland, New Zealand.	
....*	658	100000	Cologne, Germany.	
....		250	Fusan, Korea.	

660 KCS

CMZ-1	D	250	Havana, Cuba. (Auxiliary of CMZ-1260 Kcs.)	
KOWH	BD	500	Omaha, Neb. F. E. Shopen, C. E. 8:00 AM-1 S.	
KSKY	D	1000	Dallas, Tex.	
WEAF	N	50000	New York, N. Y. A. L. Barnard. 6:30 AM-1:30 AM.	
XEBZ		500	Mexico City, D. F.	
YNPH		600	Managua, Nicaragua.	
RW31	668	10000	Ivanovo, USSR.	
RW38	662	2000	Aleksandrovsk, USSR.	
ZJM	668	20000	Jerusalem, Palestine.	
2DU		200	Dubbo, Australia.	
7BU		200	Burnie, Australia.	
....*	668	70000	Moorside Edge, Great Britain. "North Regional."	
....	662	5000	Bialystok, Poland.	
....	668	5000	Pretoria, U. So. Africa.	

670 KCS

CC67		100	Talca, Chile. (1 Sur. 9 41).	
FQN		250	St. Pierre and Miquelon. "Radio Club de St. Pierre."	
LS4		12000	Buenos Aires, D. F., Argentina. "Radio Portena." (Belgrano 1841).	
WMAQ	N	50000	Chicago, Ill. 7:00 AM-2:00 AM.	
JOTK		500	Matsue, Japan.	
MTFY		7000	Harbin, Manchoukuo.	
RW23	676	1000	Grozny, USSR.	
2CO*		7500	Corowa, Australia. "Riverina Regional."	
....*	677	100000	Sottens, Switzerland.	

680 KCS

CB68		1000	Vina del Mar, Chile. "Radio Metro." (Valparaiso 444).	
CP34		150	La Paz, Bolivia. "Radio Sucre."	
CW27		250	Salto, Uruguay. "Radio Tabare." (Uruguay 678).	
KFEQ	B	5000	St. Joseph, Mo. 7:00 AM-12:00 Mid.	
KPO	N	50000	San Francisco, Cal. W. Watson. 24 hours daily. (Silent Mon. 3-9 AM).	
LU12	W	1000	Rio Gallegos, S. Cr., Argentina. "Radio Rio Gallegos."	
PRC2		20000	Porto Alegre, R. G. S., Brazil.	
W1SR	D	250	Butler, Pa. Cliff Gorsuch, C. E.	
WLAW	C	5000	Lawrence, Mass. George Hineckley, C. E.	
WPTF	N	50000	Raleigh, N. C. R. H. Mason, Mgr. 24 hours daily.	
....	P	1000	Guadalajara, Jal.	
JOVK		500	Hakodate, Japan.	
RW17		10000	Kazan, USSR.	
RW46	686	1000	Karaganda, USSR.	
2HR		300	Lochinvar, Australia.	
4AT		500	Atherton, Australia.	
4YZ*		5000	Invercargill, New Zealand.	
7QT		300	Queenstown, Australia.	
....*	686	20000	Belgrade, Yugoslavia.	

690 KCS

CBF	BFN	50000	Montreal, Que. 7:30 AM-11:30 AM.	
CB69		1000	Valdivia, Chile. "Radio Sur." (Casilla 642).	
CMQ	QW	15000(25)	Havana, Cuba. Miguel Gabriel. (Monte y Prado).	
CX8		500	Montevideo, Uruguay. "Radio Jackson." (Caigua 3710).	
KGGF	B	500(1)	Coffeyville, Kans. H. J. Powell.	
LV4	V	1000	San Rafael, Men., Argentina. "Radio San Rafael."	
PRC7		4000	Bello Horizonte, M. G., Brazil.	
TIGH		2000	San Jose, Costa Rica. "La Voz de America Latina."	
XEAC		5000	Tijuana, B. Cfn. 9:00 AM-1:00 AM.	
XEN		5000	Mexico City, D. F. "Radio Mundial." ?-3:00 AM.	

KWFC	1340	WAWZ	1380
KWFT	620	WAYS	610
KWG	1230	WAYX	1230
KWIL	1240	WAZL	1450
KWJB	1240	WBAA	920
KWJJ	1080	WBAB	1490
KWK	1380	WBAL	1090
KWKH	1130	WBAP	820
KWKV	1430	WBAX	1240
KWLK	1240	WBBB	920
KWLM	1400	WBBL	1240
KWNO	1230	WBMM	780
KWOC	1340	WBBR	1330
KWON	1400	WBZ	1230
KWOS	1240	WBCM	1440
KWRC	1240	WBEN	930
KWSC	1250	WBHP	1230
KWYO	560	WBIG	1470
KXA	770	WBIR	1240
KXEL	1540	WBLJ	1230
KXL	750	WBLK	1400
KXO	1490	WBML	1240
KXOK	630	WBNS	1460
KXON	1240	WBNX	1380
KXRO	1340	WBNY	1400
KXYZ	1320	WBOC	1230
KYA	1260	WBOW	1230
KYCA	1490	WBRC	960
KYOS	1490	WBRE	1340
KYSM	1230	WBRK	1340
KYUM	1240	WBRV	1340
KYW	1060	WBRV	1590
TGQ	1450	WBT	1110
TGW	610	WBTM	1490
TGWC	1520	WBTH	1400
TGX	1400	WBTM	1400
TG1	1310	WBUN	1430
TIBAS	655	WBZ	1030
TICQ	750	WBAE	1250
TIEP	830	WCAE	770
TIFA	1000	WCAM	1310
TIGH	690	WCAO	600
TIGH-605		WCAP	1310
TIGH2-800		WCAR	1130
TIJMF	855	WCAT	1230
TIJSM	1150	WCAU	1210
TILL	775	WCAZ	620
TILS	880	WCAZ	1080
Timacho	1100	WCB	1470
TIMC	735	WCBT	1340
TINBC	1070	WCBM	1400
TIOS	940	WCBT	1450
TIPG	625	WCBS	1230
TIRCC	1200	WCCO	830
TIRH	970	WCED	1230
TIRM	1040	WCFL	1000
TIRS	920	WCHS	580
TIWS	900	WCHV	1450
TIANRH	710	WCKY	1530
TI5JJM	575	WCLE	610
VIOM	1030	WCLO	1230
VONF	640	WCLS	1340
VOWR	600	WCMT	1340
WAAB	1440	WCNC	1400
WAAC	1240	WCOA	1370
WAAP	950	WCOG	910
WAAT	970	WCOL	1230
WABC	880	WCOP	1150
WABI	910	WCOU	1400
WABY	1400	WCOV	1240
WACC	1450	WCPO	1230
WADC	1350	WCPS	1450
WAGA	590	WCRW	1240
WAGE	620	WCSC	1390
WAGF	1400	WCSS	970
WAGM	1450	WDAE	1250
WAIM	1230	WDAF	610
WAIR	1340	WDAK	1340
WAIT	820	WDAN	1490
WAJR	1230	WDAS	1400
WAKR	1590	WDAY	970
WALA	1410	WDBC	1490
WALB	1590	WDBJ	960
WALI	1340	WDBO	580
WAML	1340	WDEF	1400
WAOV	1450	WDEL	1150
WAPT	1070	WDEV	550
WAPO	1150	WDGY	1130
WARM	1400	WDLF	1230
WASK	1450	WDMJ	1340
WATL	1400	WDNC	1490
WATN	1240	WDOD	1310
WATR	1320	WDRC	1360
WATW	1400	WDSM	1230
WAVE	970	WDSU	1280

JOBKI	10000
XPRA	....
6WF	5000
....*	685 120000
....*	698 10000

Osaka, Japan.
Kunming, China.
Perth, Australia.
Paris, France. "Paris PTT."
Pietermaritzburg, U. So. Africa.

700 KCS

WLW	N	50000
W8XO		750000
JOCG		300
JOIP		500
RW48	704	2500
SBA	704	55000
XMHC		500
ZOH		4000
2NR*		7500
....	704	200

Cincinnati, Ohio. R. J. Rockwell. 5:00 AM-1:00 AM.
Cincinnati, Ohio. R. J. Rockwell. 1:00 AM-3:00 AM.
Asahigawa, Japan.
Oita, Japan.
Elista, USSR.
Stockholm, Sweden.
Shanghai, China.
Columbo, Ceylon.
Lawrence, Australia. "North Rivers Regional."
Malmberget, Sweden.

710 KCS

KIRO	C	50000
KMPC		10000
LSI*		50000
TI4NRH		750
WFTL	M	10000
WOR	M	50000
IIRO*	713	50000
JODK1		10000
KZRH		10000
XGML	714	7 1/2
XGOS	711	1000
7NT*		7500

Seattle, Wash. 24 hours daily.
Beverly Hills, Cal. 9:15 AM-3:00 AM.
Buenos Aires, Argentina. "Radio Municipal." (Teatro Colon).
Heredia, Costa Rica. "La Voz del Comercio."
Fort Lauderdale, Fla. 24 hours daily.
New York, N. Y. J. R. Poppele, C. E. 24 hours daily. (Silent Mon. Mid-5 AM).
Rome, Italy. "Radio Roma-Napoli."
Keijo, Japan.
Manila, Philippines. (Reported dismantled before Jap occupation).
Kashing, China.
Chungking, China.
Keiso, Australia.

720 KCS

CMKU	Q	1000
HJCU*		5000
HP5C	DX	....
PRA8		25000
WGN	M	50000
YV6RH*		1100
JFBK		1000
JORK		500
LKF	722	1000
RW4	722	10000
RW9		35000
XLHC		50
XLHD		50
3YA*		10000
6GF		2000
....	722	50000

Santiago de Cuba. (Carretera del Morro, Km. 2).
Bogota, Colombia. "Radio Cristal."
Panama City, Panama. "Radio Miramar."
Recife, Pernambuco, Brazil.
Chicago, Ill. G. W. Lang, C. E. 6:30 AM-7.
Cacacas, D. F., Venezuela. "La Voz de la Patria."
Tainan, Formosa.
Kochi, Japan.
Fredrikstad, Norway.
Kharkov, USSR.
Kiev, USSR.
Shanghai, China.
Shanghai, China.
Christchurch, New Zealand.
Kalgoorlie, Australia.
Lisbon, Portugal.

730 KCS

CKAC	C	5000
CMBF		5000
CX10		1000
LW7		1000
PRA7		4000
TIMC	735	700
XEQ	V	150000
ZP4	....	....
EAJ2*	731	3000
EAJ5*	731	3000
JOCK1*		10000
RW65	734	1000
VUV		5000
XHGS		50
5CL*		4000
....	731	100
....*	731	15000

Montreal, Que. Claire Oliver, Sec. 7:00 AM-12:05 AM.
Havana, Cuba. "Radio Universal." (Prado 159).
Montevideo, Uruguay. "Radio Ariel." (18 de Julio-1275).
Catamarca, Cat., Argentina. "Radio Splendid."
Ribeirao Preto, S. P., Brazil.
Cartago, Costa Rica. "Radio Caribe."
Mexico City, D. F. "Radio Pan Americana" (Dept. de Publicidad y Propaganda).
Asuncion, Paraguay. "Radio Continental." (C. Martinez 274).
Madrid, Spain.
Seville, Spain.
Nagoya, Japan.
Saransk, USSR.
Hyderabad, India.
Wuchow, China.
Adelaide, Australia.
Assiut, Egypt.
Tallinn, Estonia.

740 KCS

CHL	FN	50000
CMJN	AV	1000
KQW	C	5000
KTRH	C	50000
PRA4*		10000
JOSK		1000

Toronto, Ont. W. A. Reid, Ch. Opr. 7:00 AM-11:30 PM.
Camaguey, Cuba. (Kilometro 572.35).
San Jose, Cal. 9:00 AM-3:00 AM.
Houston, Tex. 7:00 AM-1:00 AM.
Sao Salvador, Baia, Brazil.
Kokura, Japan.

WDWS-1400	WESX-1230
WDZ-1050	WEVD-1330
WEAF-660	WEW-770
WEAN-790	WEXL-1340
WEAU-790	WFAA-820
WEBC-1320	WFA5-1230
WEBQ-1240	WFBC-1330
WEBR-1340	WFBG-1340
WEDC-1240	WFBL-1330
WEED-1450	WFBM-1260
WEEL-590	WFBR-1300
WEU-850	WFCL-1420
WEGO-1410	WFDF-910
WEIM-1340	WFEE-1370
WEI-960	WFHR-1340
WELL-1400	WFIG-1340
WEMP-1340	WFIL-560
WENR-890	WFIN-1330
WENY-1230	WFLA-970
WEOA-1400	WFMD-930
WERC-1490	WFMJ-1450
WEST-1400	WFNC-1450



Pvt. Chet Roman (left) of Chicago, now somewhere in the Aleutians, and Cpl. Robert "Bob" Brown of Goshen, Ind., now at Fort Rosecrans, Calif.

WFOR-1400	WHBL-1330
WFOY-1240	WHBQ-1400
WFPG-1450	WHBU-1240
WFTC-1230	WHBY-1230
WFTL-710	WHCU-870
WFVA-1290	WHDF-1400
WGAA-1340	WHDH-850
WGAC-1240	WHDL-1450
WGAL-1490	WHEB-750
WGAN-560	WHEC-1460
WGAR-1430	WHFC-1460
WGAU-1340	WHIO-1290
WGBB-1240	WHIS-1440
WGBF-1280	WHIT-1450
WGBG-980	WHIZ-1240
WGBI-910	WHJB-620
WGBR-1400	WHK-1420
WGCM-1240	WHKC-640
WGES-1390	WHKY-1290
WGGA-1240	WHLB-1400
WGH-1340	WHLD-1290
WGIL-1400	WHLN-1450
WGVK-1490	WHLS-1450
WGL-1450	WHMA-1450
WGN-720	WHN-1050
WGNL-1450	WHO-1040
WGNV-1220	WHOM-1480
WGOV-1450	WHOP-1230
WGPC-1450	WHP-1460
WGR-550	WHUB-1400
WGRC-1400	WHYN-1400
WGRM-1240	WIAC-580
WGST-920	WIBA-1310
WGTC-1490	WIBC-1070
WGTM-1340	WIBG-990
WGY-810	WIBM-1450
WHA-970	WIBU-1240
WHAI-1240	WIBW-580
WHAM-1180	WIBX-1230
WHAS-840	WICA-970
WHAT-1340	WICC-600
WHAZ-1330	WIGM-1490
WHB-880	WIL-1230
WHBB-1490	WILL-580
WHBC-1230	WILM-1450
WHBF-1270	WINC-1400
WHBI-1280	WIND-560

RW64	749	10000	Ordjonikidze, USSR.
RW74		5000	Teheboksary, USSR.
XHHB		100	Shanghai, China.
2BL*		10000	Sydney, Australia.
.....	749	1000	Pori, Finland.
.....*	749	10000	Vaasa, Finland.
.....*	749	100000	Marseilles, France. "Marseilles-Provence."
.....*		100000	Munich, Germany.

750 KCS

KMMJ	BL	1000	Grand Island, Neb.
KXL	L	10000	Portland, Ore. 9:00 AM-LS.
LRA*		10000	Buenos Aires, Argentina. "Radio del Estado."
TICQ		500	San Jose, Costa Rica. "La Voz del Continente."
WHBB	L	1000	Portsmouth, N. H. Paul G. Lindsay, C. E. 8:15 AM-SS Atlanta.
WSB	N	50000	Atlanta, Ga. 6:45 AM-1:00 AM.
JFAK		10000	Taihoku, Formosa.
VUT	758	5000	Trichinopoly, India.
XGOK		1000	Canton, China.
XUHO		20	Tung Hsein, China.
ZTD		1000	Durban, U. So. Africa.
2YH*		5000	Napier, New Zealand.
.....*	758	12000	Katowice, Poland. (German-operated "Kattowitz")

760 KCS

CB76		10000	Valparaiso, Chile. (Casilla 37-V).
CMCQ		250	Havana, Cuba. (Vista Alegre 269, Vibora).
CP46		50	La Paz, Bolivia. "Radio Victoria."
CX12		5000	Montevideo, Uruguay. "Radio Oriental." (Olimar 1364).
KGU*	LN	2500	Honolulu, T. H. 7-5:00 AM.
TILJ		450	San Jose, Costa Rica. "Radio San Jose."
WJR	C	50000	Detroit, Mich. Alice Bellamy. 5:30 AM-5:30 AM.
HNA	767	500	Baghdad, Iraq.
JQAK1		1000	Dairen, Manchukuo.
RW78	767	3000	Ijevsk, USSR.
XLHJ		100	Shanghai, China.
4QS*	767	10000	Dalby, Australia.
.....*	767	60000	Burghead, Great Britain. "Scottish Regional."
.....*	767	70000	Westergien, Great Britain. "Scottish Regional."

770 KCS

KOB	N	25000(50)	Albuquerque, N. M. D. Fitzgerald. 8:00 AM-2:00 AM.
KXA	L	1000	Seattle, Wash. 9:45 AM-LS: 1:00-6:00 AM.
WEAL	D2	5000	Northfield, Minn. 7:30 AM-2.
WEW	D	1000	St. Louis, Mo.
WJZ	B	50000	New York, N. Y. 24 hours daily.
WLB	D2	5000	Minneapolis, Minn. Martin Shuler, C. E.
JOHK		10000	Sendai, Japan.
RW26	776	10000	Stalino, USSR.
XGOY	776	250	Kunming, China.
3LO*		10000	Melbourne, Australia.
.....*	776	120000	Toulouse, France. "Toulouse-Pyrenees."

780 KCS

CB78		1000	Santiago, Chile. (Casilla 13130).
KFAB	CSn	10000	Lincoln, Neb. 6:00 AM-1:00 AM.
LT1	V	11000	Rosario, S. F., Argentina. "Radio del Litoral." (Cordoba 1169).
WBBM	CSn	50000	Chicago, Ill. W. L. Falconer, Mail Dept. 7:30 AM-2:45 AM.
YSP	V	300	San Salvador, El Salvador. "La Voz de Cuscatlan."
JBDK		50	Kanko, Korea.
JOPK		500	Sizuoka, Japan.
KZRF		1000	Manila, Philippines. (Reported dismantled before Jap occupation.)
2KA		2000	Katoomba, Australia.
4TO		200	Fawnsville, Australia.
.....*	785	120000	Leipzig, Germany.
.....*		50	Kosyu, Korea.
.....*		1000	Johannesburg, U. So. Africa.

790 KCS

CKSO	F	1000	Sudbury, Ont. 7:30 AM-11:30 PM.
CMBC		1000(5)	Havana, Cuba. "Radio Progreso." (San Jose 104).
KECA	B	5000	Los Angeles, Cal. 9:30 AM-3:00 AM.
KEQD		250	Anchorage, T. A. (CP-1000).
KGHL	N	5000	Billings, Mont. Jeff Kirchil, C. E. 8:00 AM-1:00 AM.
KVOS	P	1000	Bellingham, Wash. (At present on 1230 kc. will change Sept. 1944).
LW1	W	15000	Cordoba Cord., Argentina. "Radio Cultura"

WING	-1410	WLVA	-1230
WINN	-1240	WLW	-700
WINS	-1000	WMAL	-630
WINX	-1340	WMAM	-570
WIOD	-610	WMAN	-1400
WIP	-610	WMAQ	-670
WIRE	-1430	WMAS	-1450
WIS	-560	WMAZ	-940
WISE	-1230	WMBD	-1470
WISH	-1310	WMBG	-1380
WISN	-1150	WMBH	-1450
WISR	-680	WMBI	-1110
WITH	-1230	WMO	-1340
WIZE	-1340	WMBR	-1400
WJAC	-1400	WMBS	-590
WJAG	-1090	WMC	-790
WJAX	-920	WMCA	-570
WJAS	-1320	WMEX	-1510
WJAX	-930	WMFD	-1400
WJBC	-1230	WMFF	-1340
WJBK	-1490	WMFG	-1240
WJBO	-1150	WMFJ	-1450
WJBW	-1230	WMFR	-1230
WJBY	-1240	WMGA	-1400
WJDX	-1300	WMIN	-1400
WJER	-1240	WMIS	-1490
WJHL	-910	WMJM	-1490
WJHO	-1400	WMNN	-920
WJHP	-1320	WMOR	-1230
WJIM	-1240	WMOG	-1490
WJJD	-1160	WMPC	-1230
WJLB	-1400	WMPS	-1460
WJLD	-1400	WMRC	-1490
WJLS	-1240	WMRF	-1490
WJMC	-1240	WMRN	-1490
WJMS	-1450	WMRO	-1280
WJNO	-1230	WMSL	-1400
WJOB	-1230	WMT	-600
WJPA	-1450	WMUR	-610
WJPF	-1340	WMVA	-1450
WJPR	-1340	WNAE	-1450
WJR	-760	WNAC	-1260
WJRD	-1230	WNAD	-640
WJRM	-1240	WNAX	-570
WJTN	-1240	WNBC	-1410
WJW	-850	WNBK	-1290
WJZ	-770	WNBH	-1340
WJZM	-1400	WNRZ	-1320
WKAQ	-620	WNEL	-1320
WKAR	-870	WNEN	-1130
WKAT	-1360	WNLC	-1490
WKBB	-1490	WNOE	-1450
WKBH	-1410	WNOX	-990
WKBN	-570	WNYC	-830
WKBO	-1230	WOAI	-1200
WKBV	-1490	WOC	-1420
WKBW	-1520	WOEB	-1240
WKBZ	-1490	WOI	-640
WKBE	-1450	WOKO	-1460
WKBY	-1340	WOL	-1260
WKIP	-1450	WOLF	-1490
WKMO	-1400	WOLS	-1230
WKNE	-1290	WOMI	-1490
WKNY	-1490	WOMT	-1240
WKOK	-1240	WOOD	-1300
WKPA	-1150	WOPT	-1490
WKPT	-1400	WOR	-710
WKRC	-550	WORC	-1310
WKRO	-1490	WORD	-1400
WKST	-1280	WORK	-1350
WKWK	-1400	WORI	-950
WKY	-930	WOSH	-1490
WKZO	-590	WOSU	-820
WLAC	-1510	WOV	-1280
WLAG	-1240	WOW	-590
WLAK	-1340	WOWO	-1190
WLAN	-1450	WPAB	-1370
WLAP	-1450	WPAD	-1450
WLAV	-1340	WPAP	-1450
WLAW	-680	WPAT	-930
WLAY	-1450	WPAX	-1240
WLB	-770	WPAY	-1400
WLBK	-1340	WPDQ	-1270
WLBK	-1340	WPEN	-950
WLBK	-1340	WPIC	-790
WLBZ	-620	WPR	-990
WLDS	-1180	WPRO	-630
WLEU	-1450	WPRP	-1420
WLJB	-1190	WPTF	-680
WLLH	-1400	WQAM	-560
WLNH	-1340	WQAN	-910
WLOF	-1230	WQBC	-1390
WLOG	-1230	WQXR	-1560
WLOK	-1240	WRAC	-1400
WLWL	-1330	WRAL	-1240
WLPM	-1450	WRAP	-1340
WLS	-890	WRBL	-1230

WEAN	M	5000	Providence, R. I. Harry L. Tilley, C. E. 7-2:00 AM.
WEAU	N	1000(5)	Eau Claire, Wis.
WMC	N	5000	Memphis, Tenn. 7:00 AM-?
WPIC	D	1000	Sharon, Pa. Charles McLaughlin. 6:00 AM-LS.
WTAR	N	5000	Norfolk, Va.
WWNY	C	1000	Watertown, N. Y. Thomas E. Martin, Mgr.
XEDF		500	Nuevo Laredo, Tams.
XERC		1000	Mexico City, D. F.
YV5RB*	X	10000	Caracas, D. F., Venezuela. "Radiodifusora Venezuela."
EAJ1*	795	7500	Barcelona, Spain.
JOGK		10000	Kumamoto, Japan.
2BH		200	Broken Hill, Australia.
4YA*		10000	Dunedin, New Zealand.
6VN		500	Perth, Australia.
.....*	795	50000	Lwow, Poland. (German-operated "Lemberg.")

800 KCS

CHAB	F	1000	Moose Jaw, Sask. 8:30 AM-1:30 AM.
CHRC		1000	Quebec, Que. 7:30 AM-11:30 PM.
CKLW	FM	5000	Windsor, Ont. J. E. Campeau. 6:00 AM-4:00 AM.
CMHQ	Q	5000	Santa Clara, Cuba. (C. Central, Km. 208.S).
HIX	W	1000	Trujillo, Dominican Republic.
PRA2		25000	Recife, Pernambuco, Brazil.
TIGP#2		3000	San Jose, Costa Rica. "Nueva Alma Tica."
XELO		150000	Juez, Chih. (El Paso, Texas). 6:00 AM-2:00 AM.
JBGK		500	Taikyu, Korea.
JOKG*		500	Kohu, Japan.
JOBK	805	50	Anto, Kichoku, Japan.
RW58	804	2500	Koursk, USSR.
XGAN		.....	....., China. (Reported in NZDXC; exact location not known).
4QG*		2500	Brisbane, Australia.
.....*	804	5000	Penmon, Great Britain. "Welsh Regional."
.....*	804	70000	Washford Cross, Great Britain. "Welsh Regional."
.....	804	800	Thessalonica, Greece.
.....	809	500	Bloemfontein, U. So. Africa.

810 KCS

CMAQ		1000	Pinar Del Rio, Cuba
CX14	W	5000	Montevideo, Uruguay. "El Espectador." (18 de Julio, 1393).
HJCI*		2500	Bogota, Colombia. "La Voz de Victor."
KGO	B	7500	San Francisco, Cal. 24 hours daily. (Silent Sun. 3-9 AM).
KOAM	DN	1000	Pittsburg, Kans. S. Jalbert. 7:30 AM-LS.
WGY	N	50000	Schenectady, N. Y. Art Roberts. 24 hours daily.
XEFW		50000	Tampico, Tams.
1MI*	814	50000	Milan, Italy.
JOJK*		10000	Sapporo, Japan.
VUC		2000	Calcutta, India.
2YB		100	New Plymouth, New Zealand.
5RM		2000	Murray Heights, Australia.

820 KCS

CW23	W	250	Saito, Uruguay. "Radio Cultural." (Laval-leja 24).
LV7		2500	Tucuman, Tuc. Argentina. "Radio Tucuman." (Mendoza 437).
PRD6		250	Piracicaba, S. P., Brazil.
WAIT	L	5000	Chicago, Ill.
WBAP	N2	50000	Fourth Worth, Tex. 7-12:00 Mid.
WEA	N2	50000	Dallas, Tex. Adams Calhoun.
WOSU	L	5000	Columbus, Ohio.
WTHO	L	250	Cumberland, Md. Aurelia S. Becker. Gen. Mgr.
HS7PJ	825	10000	Bangkok, Thailand.
JBBK2		500	Keijo, Japan.
JOFP		100	Kokusima, Japan.
RW39	822	100000	Moscow, USSR.
.....*	823	12000	Bucharest, Roumania.

830 KCS

CMK	D	250	Havana, Cuba. (Manzana de Gomez 508).
LR5*		25000	Buenos Aires, Argentina. "Radio Excel-sior." (Santa Fe 2043).
TIEP	X	3000	San Jose, Costa Rica. "La Voz del Tropico"
WCCO	C	50000	Minneapolis, Minn. Mary Gulden. 24 hours daily.
WNYC	L	1000	New York, N. Y. M. S. Novik, Dir. ?-SS, Minneapolis.
XELA		1000	Mexico City, D. F. "Radio Metropolitana." (Apartado 1087).
JOFK		10000	Hirosima, Japan.
LKS*	832	10000	Stavanger, Norway.
3GI*		7000	Sale, Australia.

WRC-980	XEA-1370
WRDO-1400	XEAA-1340
WRDW-1480	XEAB-1600
WREC-600	XEAC-690
WREN-1250	XEAD-1150
WRGA-1490	XEAG-1280
WRJN-1400	XEAI-1320
WRJC-1450	XEAJ-1400
WRNL-910	XEAM-1400
WROK-1440	XEAO-910
WROR-620	XEAP-1290
WRR-1310	XEAQ-1430
WRRF-930	XEAT-1250
WRRN-1400	XEAU-1470
WRUF-850	XEAV-580
WRVA-1140	XEAW-1570
WSAI-1360	XEAX-1270
WSAJ-1340	XEB-1220
WSAM-1400	XEBA-1270
WSAN-1470	XEBG-1550
WSAP-1490	XEBH-920
WSAR-1480	XEBI-1360
WSAU-1400	XEBJ-1450
WSAV-1340	XEBK-1340
WSAY-1370	XEBL-1260
WSAZ-930	XEBM-1260
WSB-750	XEBO-1330
WSBA-900	XEBP-1260
WSBC-1240	XEBS-1410
WSBT-960	XEBU-1260
WSFA-1440	XEBW-1280
WSGN-610	XEBX-610
WSIX-980	XEBZ-660
WSJS-600	XEC-1310
WSKB-1230	XECA-980
WSLB-1400	XECD-1170
WSLI-1450	XECF-1410
WSLS-1240	XECH-1490
WSM-650	XECL-990
WSMB-1350	XECW-1340
WSNJ-1240	XECZ-1430
WSNY-1240	XED-630
WSOC-1240	XEDA-1290
WSON-860	XEDE-1400
WSOO-1230	XEDF-790
WSOY-1340	XEDH-1340
WSPA-950	XEDI-1450
WSPB-1450	XEDK-1250
WSPD-1370	XEDL-1250
WSPR-1270	XEDN-600
WSRR-1400	XEDP-940
WSTP-1490	XEDR-1490
WSTV-1340	XEDS-1420
WSUI-910	XEDU-1400
WSUN-620	XEDW-1260
WSVA-550	XEE-1280
WSYB-1380	XEF-1420
WSYR-570	XEFB-630
WTAD-930	XEFC-1340
WTAG-580	XEFE-960
WTAL-1340	XEFI-1440
WTAM-1100	XEFK-1450
WTAQ-1360	XEFM-1270
WTAR-790	XEFO-1110
WTAW-1150	XEFG-980
WTAX-1210	XEFV-1240
WTBC-820	XEFW-810
WTBM-1400	XEFZ-1340
WTCN-1280	XEG-1050
WTEL-1340	XEGC-1450
WTHT-1230	XEGF-1300
WTIC-1080	XEGL-1270
WTJS-1390	XEGM-950
WTMA-1250	XEGT-1490
WTMC-1490	XEH-1420
WTMJ-620	XEHI-1370
WTMV-1190	XEIK-960
WTNJ-1310	XEHL-1370
WTOC-1290	XEHO-580
WTOP-1230	XEHR-1090
WTOP-1500	XEHS-1310
WTRC-1340	XEI-1400
WTRY-980	XEIJ-1450
WTSR-1380	XEJ-970
WTTM-920	XEJA-1400
WVDC-17450	XEJB-1010
WVJ-950	XEJC-1420
WVWL-870	XEJK-1340
WWNC-570	XEJP-1150
WWNY-790	XEJR-1490
WWPG-1340	XEJS-1150
WWRL-1600	XEJT-570
WWSR-1420	XEJV-1490
WWSW-1490	XEJX-1450
WVVA-1170	XEK-970
WVYZ-1270	XEKL-1400
WXO-700	XEKL-550

.... 832 15000 Paris, France. "Radio Agen."
 832 Gibraltar.

840 KCS

CB84 1000 Valparaiso, Chile. "Radio del Pacifico." (Casilla 2043).
 CC84 100 Talcahuano, Chile. "Radio Cultura" (Bulnes 190).
 CD84 1000 Osorno, Chile. (Esq. MacKenna y Matta).
 LT8 3000 Rosario, S. P., Argentina. "Radio Rosario." (Sarmiento 958).
 PRH9 5000 Sao Paulo, S. P., Brazil.
 WHAS C 50000 Louisville, Ky. Lawrence Pohl. 24 hours daily.
 JORG 300 Hiroasaki, Japan.
 XHHA 1000 Shanghai, China.
 ZRW 845 2000 Hong Kong
 2YC* 5000 Wellington, New Zealand.
 841 100000 Berlin, Germany.
 841 120000 Jaarsveld, Netherlands.

850 KCS

CX16* V 10000 Montevideo, Uruguay. "Radio Carve." (18 de Julio, 928).
 KFUD L 5000 Clayton, Mo.
 KOA N 50000 Denver, Colo. Edward L. Mansholt. 7:30 AM-2:00 AM.
 OAXIA* VW 854 10000 Lima, Peru. "Radio Nacional." (Petit Thouars 447).
 TJMP 855 3000 San Jose, Costa Rica. "Radio Libertad."
 VOVN Corner Brook, Newfoundland.
 WEEU DN 1000 Reading, Pa. 7:30 AM-1S.
 WHDH B 5000 Boston, Mass. Alice Friend. 6:30 AM-1:00 AM.
 WJW B 5000 Cleveland, Ohio.
 WRUF LM 5000 Gainesville, Fla. Garland Powell, Dir. 7:00 AM-8S, Denver.
 EAJ3 1500 Valencia, Spain.
 JBCK 10000 Seishin, Korea.
 LKD 10000 Bodo, Norway.
 LKP 1000 Parsgrund, Norway.
 RV73 859 10000 Simferopol, USSR.
 VQ7LO 857 1250 Nairobi, Kenya.
 XLIQ 100 Hongchow, China.
 XQHB 1000 Shanghai, China.
 2CY* 10000 Canberra, Australia.
 100000 Sofia, Bulgaria.
 859 80000 Strasbourg, France. "Strasbourg PTT".

860 KCS

CFRB C 10000 Toronto, Ont. Harry Sedgwick. 7:00 AM-12:05 AM.
 CMBL 5000 Havana, Cuba. "Radio Cadena Suaritos." (25 No. 1143, Vedado).
 KTRB 1000 Modesto, Cal. 8:30 AM-?.
 PRA3 W 10000 Rio de Janeiro, Brazil. "Radio Club do Brasil."
 WSON D 250 Henderson, Ky.
 XEMO 5000 Tijuana, B. Cta. 9:00 AM-2:00 AM.
 XEUN 5000 Mexico City, D. F.
 JODP 500 Onomiti, Japan.
 JOUP 500 Rohu, Japan.
 XHHD 50 Shanghai, China.
 4GR 500 Toowoomba, Australia.
 7HO 500 Hobart, Australia.
 868 50000 Pozan, Poland. (German-operated "Kattowitz-Birkental").
 868 20000 Tunis, Tunisia.

970 KCS

IJCC* W 5000 Bogota, Colombia. "La Voz de Bogota."
 KREV D 250 Glendale, Cal. Lee McArthur. 9:30 AM-1S.
 LRE* 25000 Buenos Aires, Argentina. "Radio Mitre."
 WPCU CL 1000 Ethel, N. Y. Nancy Lou Binder.
 YKAR D 5000 East Lansing, Mich. N. E. Grover.
 WWL C 50000 New Orleans, La. J. Fitzgerald. 6:00 AM-1:00 AM.
 JOAK2* 150000 Tokyo, Japan.
 XLIL 50 Suchow, China.
 2GB 1000 Svdnev, Australia.
 877 70000 Brookman's Park, Great Britain.

880 KCS

PRI3 W 30000 Bello Horizonte, M. G., Brazil. "Radio Inconfidencia."
 TILS 5000 San Pedro, Costa Rica. "Para Ti."
 WABC C 50000 New York, N. Y. Burke O'Connell. 24 hours daily.
 WHB DM 1000 Kansas City, Mo. Henry E. Goldenburg. 7:15 AM-1S.
 YV5RQ* 1000 Caracas, D. F., Venezuela. "Radio Libertador."

BROADCAST STATIONS

BY LOCATION

A complete listing of all North and Central American broadcasting stations showing frequency and network affiliation of each. (Abbreviations used are B-Blue Network, C-Columbia Broadcasting System, F-Canadian Broadcasting Corporation, M-Mutual Broadcasting System, N-National Broadcasting Company.)

UNITED STATES

ALABAMA

Anniston Mobile
 WHMA-1450 B. WALA-1410 N
 Bessemer WMOB-1230 BM
 WLLD-1400 Montgomery
 Birmingham WCOV-1240 C
 WAPI-1070 C WWSA-1440 N
 WBRC-960 N Muscle Shoals
 WSGN-610 BM City
 Decatur RWLAY-1450 M
 WVMSL-1400 M Opelika
 Dothan WJHO-1400 M
 WAGE-1400 Selma
 Gadsden WHBB-1490 M
 WJBY-1240 M Tuscaloosa
 Huntsville WJRD-1230
 WBHP-1230 M

STATIONS BY CALL

(Continued from page 8)

XEKN-1390 XERC-790
 XEKS-1330 XERH-1500
 XEL-1260 XERJ-1320
 XELA-830 XERK-1450
 XELC-1410 XERL-1280
 XELF-1380 XERP-1190
 XELH-1460 XERT-590
 XELJ-1260 XERW-1390
 XELK-1280 XERZ-1240
 XELM-1430 XES-1300
 XELO-800 XESA-1360
 XELQ-1270 XESB-1400
 XELR-610 XESE-600
 XELW-1340 XESJ-1250
 XELY-1490 XESM-1470
 XELZ-1440 XESO-1280
 XEM-1390 XEST-1060
 XEMA-1340 XEY-1320
 XEMC-1590 XET-990
 XEMF-1270 XETA-1450
 XEMG-1310 XETR-1350
 XEMH-1400 XETF-1250
 XEMJ-920 XETH-580
 XEMI-1550 XETT-1390
 XEMO-860 XETM-1350
 XEMQ-1240 XETN-1370
 XEMR-1370 XETR-1490
 XEMU-580 XETS-630
 XEMX-1380 XETU-1460
 XEN-690 XETV-1400
 XENC-1540 XETZ-1360
 XENJ-1420 XEY-960
 XENK-697 XEYF-550
 XENT-1140 XEYH-500
 XEO-970 XEYI-900
 XEOR-1490 XEYJ-1490
 XEOP-540 XEYK-1460
 XEOT-1270 XEY-1980
 XEOK-1430 XEYF-1450
 XEON-1420 XEYN-1400
 XEOP-960 XEYR-1450
 XEON-1340 XEYO-1400
 XEOY-1000 XEYX-1340
 XEP-1300 XEY-980
 XEPF-1400 XEYU-1490
 XEPH-590 XEYV-1480
 XEPP-1450 XEY-980
 XEPX-550 XEZ-600
 XEQ-730 XEY-920
 XEOK-1350 XEY-1230
 XEON-1540 XEY-660
 XEOR-1030 XEY-780
 XEQW-1450 XEY-638
 XER-1260 XEY-640
 XERB-1090

JOQG		500	Morioka, Japan.
RW61	888	1000	Ioehkar-Ola, USSR.
VUD	886	20000	Delhi, India.
XHHV		100	Shanghai, China.
1YX		150	Auckland, New Zealand.
3UL		200	Warragul, Australia.
4WK		100	Warwick, Australia.
6PR		500	Perth, Australia.
.....*	886	100000	Graz, Austria. "Graz-Dobl."
.....		2000	Capetown, U. So. Africa.

890 KCS

CB89		2000	Santiago, Chile. "Radio Otto Becker." (Casilla 706).
CX18	W	5000	Montevideo, Uruguay. "Radio Sport." (18 de Julio, 1393).
PRA6		5000	Sao Paulo, S. P., Brazil. "Radio Educadora Paulista."
WENR	B2	50000	Chicago, Ill. ?-2:00 AM.
WLS	B2	50000	Chicago, Ill. T. L. Rowe.
EQA	895	2000	Teheran, Iran.
JOLG		500	Tottori, Japan.
MTBY		1000	Hoten, Manchoukouo.
XGAK	895	15	Kashing, China.
XGOH		10000	Chengtu, China.
5AN		500	Adelaide, Australia.
.....*	895	40000	Turku, Finland.
.....*	895	1500	Limoges, France.
.....		.....	London, Great Britain. "United Nations Radio."

900 KCS

CA90		100	Tocopilla, Chile. "Radio Ynesta." (21 de Mayo, 1665).
CB90	V	1000	Valparaiso, Chile. "Radio Nacional de Agricultura." (Esmeralda 1002).
CC90		100	Temuco, Chile. "La Frontera." (Casilla 516).
CHNL	F	1000	Hamilton, Ont. 7:00 AM-11:35 PM.
CJBR	F	1000	Rimouski, Que. 7:30 AM-11:30 PM.
CKBI	F	1000	Prince Albert, Sask. Jerry Prest. 8:00 AM-1:30 AM.
CMKS		250	Guantanamo, Cuba. (Luz Caballero y D. (Marmol).
CP20	W	250	La Paz, Bolivia. "Radio El Condor."
KLCN	D	1000	Blytheville, Ark.
LU2		5000	Bahia Blanca, B. A., Argentina. "Radio Bahia Blanca."
PRB7		5000	Rio de Janeiro, Brazil. "Radio Educadora do Brasil."
TIWS		1000	Puntarenas, Costa Rica. 'Ecos del Pacifico'
WSBA	HD	1000	York. Pa. W. G. Eberhart, Asst. Mgr.
XEW	UW	100000	Mexico City, D. F. "La Voz de la America Latina desde Mexico." till 2:00 AM.
JFAK		10000	Taihuoku, Formosa.
KZIB		1000	Manila, Philippines. (Reported dismantled before Jap occupation).
XGON		200	Nanking, China.
XGTM		100	Tongchow, China.
XOJB		.....	Shanghai, China.
XQHA*		.....	Shanghai, China. (Exact power unknown; estimated at 10 or 50 kw.)
2LM		500	Lismore, Australia.
7AD		300	Devonport, Australia.
.....*	904	100000	Hamburg, Germany.

910 KCS

910 KCS			
CBO	F	1000	Ottawa, Ont. 7:30 AM-11:30 PM.
CFJC	F	1000	Kamloops, B. C. Al Reusch, Pro. Dir. 10:00 AM-2:00 AM.
CMCF		5000	Havana, Cuba. "Radio O'Shea." (Prado 107).
KFKA	M2	1000	Greeley, Colo. Dorothy Baldwin. 7:30 AM-1:00 AM.
KLX		1000	Oakland, Cal. Adriel Fried, Gen. Mgr. 24 hours daily. (Silent Mon. 3:30 AM).
KPOF	2	1000	Denver, Colo.
KRRV	M	1000	Sherman, Tex. Louise Cobler.
KVAN	D	500	Vancouver, Wash. 9:30 AM-1.
LR2*		6000	Buenos Aires, D. F., Argentina. "Radio Argentina." (Bolivar 1356).
WABI	C	250	Bangor, Me. (CP-5000).
WCOC	C	1000	Meridian, Miss.
WDFD	B	1000	Flint, Mich. Margaret Csintyan, Receptionist.
WGBI	C3	500(1)	Seranton, Pa. K. R. Cooke, C. E.
WJHL	B	1000	Johnson City, Tenn.
WQAN	3	500(1)	Seranton, Pa.
WRNL	BM	5000	Richmond, Va. W. R. Selden.
WSUI		5000	Iowa City, Iowa. Carl H. Menzer, Pro. Dir.
XEAO		250	Mexicali, B. Cfa.
JOLK		500	Hukuoka, Japan.
RW30	913	10000	Dnepropetrovsk, USSR.

ALASKA

Anchorage	Juneau
KFQD-790	KINY-1460
Fairbanks	Ketchikan
KFAR-640	KTKN-930 M

ARIZONA

Globe	Prescott
KWJB-1240	KYCA-1490
Jerome	Safford
KCRJ-1340	KGLU-1450 N
Lowell	Tucson
KSON-1230	KTUC-1400 C
Phoenix	KVOA-1290 N
KOY-550 C	Yuma
KPHO-1230	KYUM-1240 N
KTAR-620 N	



A prize verification on broadcast band from Radio Tripoli in North Africa—this is a pre-war verli.

ARKANSAS

Blytheville	Jonesboro
KLCN-900	KBTM-1230 M
El Dorado	Little Rock
KELD-1400 B	KARK-920 N
Fort Smith	KFPW-1400
KFFA-1490 M	KGHI-1230 BM
Helena	KLRA-1010 C
Hot Springs	KOTN-1490 M
KTHS-1090 B	Siloam Springs
KWFC-1340 M	KUOA-1290

CALIFORNIA

Bakersfield	KROW-960
KERN-1410 B	Pasadena
KPMC-1560 M	KPAS-1110
Berkeley	KPPC-1240
KRE-1400	KWKW-1430
Beverly Hills	Redding
KMPC-710	KVCV-1230 M
Chico	Riverside
KHSL-1290 M	KPRO-1440
El Centro	Sacramento
KXO-1490 M	KFBK-1530 B
Eureka	KROY-1240 C
KIEM-1480 M	San Bernardino
Fresno	KFXM-1240 M
KARM-1430 C	San Diego
KFRE-1340 M	KFMB-1450 B
KMJ-580 N	KFSD-600 N
Glendale	KGB-1360 M
KIEV-870	San Francisco
Long Beach	KFRK-610 M
KFOX-1280	KGO-810 B
KGER-1390	KJBS-1100
Los Angeles	KPO-680 N
KKCA-790 B	KSAN-1450
KFAC-1330	KSFO-560
KFI-640 N	KYA-1260
KFSG-1150	San Jose
KFVD-1020	KQW-740 C
KFWB-980	San Luis Obispo
KGFJ-1230	KVCC-1230 M
KHJ-930 M	Santa Ana
KMTR-570	KVOE-1490 M
KNN-1070 C	KDB-1490 M
KRKD-1150	KTMS-1250 B
Marystville	Santa Rosa
KMYC-1450 M	KSRO-1350
Merced	Stockton
KYOS-1490 M	KGDM-1130 C
Modesto	KWG-1230 B
KTRB-860	Visalla
Monterey	KTKC-940 B
KDON-1240 M	Watsonville
Oakland	KHLB-1340
KLS-1310	
KLX-910	

XLIM 50
4RK* 2000
....* 913 60000

Hanim, China.
Rockhampton, Australia.
Toulouse, France. "Radio Toulouse."

920 KCS

CKNX 1000
CMJL Q 5000
HJCS* V 5000
KARK N 5000
KFNF 2 500(1)
KFPY C 5000
KFXJ M 500(1)
KUSD 2 500
TIRS 400
WBAA 1000(5)
WBHB DM 1000
WGST C 1000(5)
WJAR N 5000
WMMN C 5000
WTTM 1000
XEBH UW 1000
XEMJ 200
YNLG 1000
JOQK 500
XHHX 1000
ZJV 400
2YN 30
2XL 200
4VL 100
....* 922 100000

Wingham, Ont. 7:00 AM-11:00 PM.
Camaguey, Cuba. ?-1:15 AM.
Bogota, Colombia. "Radio Continental."
Little Rock, Ark. Don Winn. 7:00 AM-12:05 AM.
Shenandoah, Iowa.
Spokane, Wash. 9:00 AM-3:05 AM.
Grand Junction, Colo. 9:00 AM-1:00 AM.
Vermillion, S. D.
San Jose, Costa Rica. "Radio Athenea."
West Lafayette, Ind. J. W. Dittmore.
Burlington, N. C. Ed Day.
Atlanta, Ga. 6:00 AM-12:00 Mid.
Providence, R. I. John J. Boyle, Man. Dir. 7-1:00 AM.
Fairmont, W. Va. 5:00 AM-?.
Trenton, N. J. Wm. R. Betz, C. E.
Hermosillo, Son.
Piedras Negras, Coah.
Managua, Nicaragua.
Niigata, Japan.
Shanghai, China.
Suva, Fiji Islands.
Nelson, New Zealand.
Cooma, Australia.
Charleville, Australia.
Brno, Czechoslovakia. (German-operated "Dobrochau.")

930 KCS

CB93 8000
CJCA F 1000
CKKN AV 1000
CX20 2000
KHJ M 5000
KSEI N 250(1)
KTKN M 1000
WBEN N 5000
WFMD C 500
WJAX N 1000(5)
WKY N 1000(5)
WLBL D 5000
WPAT D 1000
WRRF BD 1000
WSAZ B 1000
WTAD C 1000
WAG 500
WHRB* 932 15000
W55 937 1000
WZ 600

Santiago, Chile. "Radio Hucke." (Casilla 3455).
Edmonton, Alta. 10:00 AM-1:30 AM.
Santiago de Cuba. (L. Quintero Km. 965.5)
Montevideo, Uruguay. "Radio Montecarlo" (Humberto 4033).
Los Angeles, Cal. Frank Kennedy, C. E. 24 hours daily. (Silent Mon. 3:30 AM).
Pocatello, Idaho. ?-1:00 AM.
Ketchikan, T. A. 11:30 AM-4:00 AM.
Buffalo, N. Y. R. J. Kingsley.
Frederick, Md.
Jacksonville, Fla. Thomas C. Imeson, Comm. 6:30 AM-1:00 AM.
Oklahoma City, Okla. (CP-5000). 6:30 AM-1:00 AM.
Stevens Point, Wis.
Paterson, N. J. Earl Lucas. 5:30 AM-LS.
Washington, N. C. George Martin, C. E.
Huntingdon, W. Va.
Quincy, Ill.
Nagasaki, Japan.
Brussels, Belgium.
Engels, USSR.
Melbourne, Australia.

940 KCS

CBM FN 5000
KTKC B 5000
PRF4 10000
TIOS 500
WMAZ C 5000
XEDP 5000
JOBK2 10000
SBB* 941 10000
VUX 500
XGOF 500
XHHE 100
3ZR 800
3QR* 500
....* 941 12000

Montreal, Que. 7:30 AM-11:30 PM.
Visalia, Cal. 9:00 AM-3:00 AM.
Rio de Janeiro, D. F. Brazil. "Radio Jornal do Brasil."
San Jose, Costa Rica. "Radio Titania."
Macon, Ga. Wilton E. Cobb, Gen Mgr. On until 1 AM Sun. Morning.
Mexico City, D. F. "Radio Pan-Americana"
Osaka, Japan.
Goteborg, Sweden.
Aurangabad, India.
Tsinan, China.
Shanghai, China.
Greymouth, New Zealand.
Brisbane, Australia.
Algiers, Algeria. "Radio Algiers."

950 KCS

950 KCS
CKNB F 1000
CMBZ W 1000(5)
CP19 50
KFEL M 5000
KOMO N 5000
KPRC N 5000
LR3* V 90000
VAAF D 1000
VORL D 1000

Campbellton, N. B. C. S. Chapman, Mgr. 7:00 AM-10:15 PM.
Havana, Cuba. "Radio Salas." (San Rafael 108.)
La Paz, Bolivia. "Radio Cultura."
Denver, Colo. 24 hours daily.
Seattle, Wash. 8:30 AM-3:00 AM.
Houston, Tex.
Buenos Aires, D. F., Argentina. "Radio Belgrano." (Belgrano 1841).
Chicago, Ill.
Boston, Mass. 6:30 AM-LS.

COLORADO

Alamosa KLZ-560 C
KGIW-1450 Grand Junction
Colorado Springs KFXJ-920 M
KVOR-1300 C
Denver Greeley
KFEL-950 M KFKA-910 M
KMYR-1340 La Junta
KOA-850 N KOKO-1400
KPOF-910 Pueblo
KVOD-630 B KGHF-1350 B
Durango Sterling
KIUP-1400 KGEK-1230

CONNECTICUT
Bridgeport WTHH-1230 M
WICC-600 M New London
WNAB-1450 B WNLC-1490 M
Hartford Stamford
WDRC-1360 C WSRF-1400 B
WNBC-1410 B Waterbury
WTIC-1080 N WATR-1320 BM
New Haven WBRY-1590 C
WELI-960 B

DELAWARE
Wilmington WILM-1450 M
WDEL-1150 N

DISTRICT OF COLUMBIA
Washington WRC-980 N
WINX-1340 WTOP-1500 C
WMAL-630 B WWDC-1450
WOL-1260 M

FLORIDA
Daytona Beach WQAM-560 C
WMFJ-1450 B WOPF-1230 B
Fort Lauderdale Palm Beach
WPTL-710 M WWPQ-1340 BM
Fort Myers Panama City
WANE-1240 C WDLF-1230
Gainesville Pensacola
WRUF-850 M WCOA-1370 N
Jacksonville St. Augustine
WJAX-930 N WFOY-1240 C
WJHP-1320 B St. Petersburg
WMBR-1400 C WSUN-620 B
WPDQ-1270 M WTSP-1380 M
Lakeland Sarasota
WLAK-1340 N WSPB-1450
Miami Tallahassee
WIOD-610 N WTAL-1340
Miami Beach Tampa
WKAT-1360 B WDAE-1250 C
Ocala WFLA-970 N
WTMC-1490 B West Palm Beach
Orlando Beach
WDBO-580 C WJNO-1230 C

Join the Victory Radio Club

WHY BE LONELY?

When you can join the Co-Operative Club and enjoy letters from all over the country. Send 10c for magazine, descriptions and pictures, either sex.

CO-OPERATIVE CLUB
Box 624 Nashville 2, Tenn.

A VERY USEFUL ARTICLE

Has a national demand, is used every day in the year, found in every household. All-year advertising novelty. "Specially designed" for carrying in men's billfold or ladies' hand bag. Send 25c for sample with plan for selling them for a profit.

PACIFIC ENTERPRISES
P. O. Box 54 Napa, Calif.

WPEN		5000
WSPA	C	1000(5)
WWJ	N	5000
XEGM		2500
JOOG		500
JOVG		300
RW40	959	1000
RW71	959	2500
V3USE	952	500
XGOP		300
ZTP	952	500
ZUE*		1000
....*	959	60000
....*		100000

960 KCS

CB96		200
CC96		100
CPAC	F	1000
CHNS	F	1000
CKWS	F	1000
CMHW		1000
KMA	B	5000
KROW		1000
LV 2		5000
OAX4E		200
PRF3		5000
WBRC	N	5000
WDBJ	C	5000
WELI	B	500(1)
WSBT	C	1000
XEFF	UW	1000
XEHK		250
XEOP		500
XEU	UW	500
YV5RA*	W	10000
EAJ7	968	12000
JOSG		500
LLB		1000
RW13*	968	10000
RW67	968	2000
5DN		500

970 KCS

CB97		1000
CMKJ	Q	5000
CP31	975	50
CX22		1500
HCJB	974-W	100
HJCM		500
KOIN	C	5000
LV9		1000
PRD9		250
PRI5		250
PRJ3		250
TIRH		500
WAAT		1000
WAVE	N	5000
WC5H	N	5000
WDAY	N	5000
WFLA	N	1000(5)
WHA	D	5000
WICA	D	1000
XEJ		5000
XEK		500
XEO		750
ZPI	W	2000
....	P	500
JODK2		50000
XHIB		75
3BO		500
4AY		500
....*	977	100000
....		750

Philadelphia, Pa. Charles Burtis.
 Spartanburg, S. C. Ralph S. Bennett.
 Detroit, Mich. Herbert L. Tank.
 Tijuana, B. Cfa. 10:00 AM-1:15 AM.
 Obihiro, Japan.
 Matuyama, Japan.
 Gornel, USSR.
 Kalinin, USSR.
 Port Louis, Mauritius.
 Ceiping, China.
 Pretoria, U. So. Africa.
 Sydney, Australia.
 Paris, France. "Poste-Parisien."
 Breslau, Germany.

Coquimbo, Chile. "La Voz del Norte." (Casilla 229).
 Curico, Chile. "Radio Curico." (Merced 11).
 Calgary, Alta. 10:30 AM-2:00 AM.
 Halifax, N. S. 6:30 AM-11:00 PM.
 Kingston, Ont. J. M. Davidson. 7:00 AM-12:00 Mid.
 Santa Clara, Cuba. "Cadena Radio Habana." (Parque esq. a Rolando Pardo).
 Shenandoah, Iowa. Ralph Lund. 24 hours daily.
 Oakland, Cal. 24 hours daily.
 Cordoba, Cord, Argentina. "Radio Central." (San Lorenzo 339).
 Lima, Peru. "Radio Central." (Jiron Ocana 158).
 Sao Paulo, S. P., Brazil. "Radio Sao Paulo"
 Birmingham, Ala. John M. Connolly, Asst. Mgr.
 Roanoke, Va. Ray P. Jordan, Mgr. 6:00 AM-12:05 AM.
 New Haven, Conn. J. Gordon Keyworth. C. E.
 South Bend, Ind. Paul R. Mangus. C. E.
 Nuevo Laredo, Tams.
 Guadalajara, Jal.
 Hermosillo, Son.
 Veracruz, Ver. C. 2-2:00 AM.
 Caracas, D. F., Venezuela. "Radio Caracas"
 Madrid, Spain.
 Matumoto, Japan.
 Namsos, Norway.
 Odessa, USSR.
 Ouhkta, USSR.
 Adelaide, Australia.

Santiago, Chile. "Radio Siam." (Casilla 13360).
 Holguin, Cuba.
 La Paz, Bolivia. "Radio Patria."
 Montevideo, Uruguay. "Radio Universal." (Soriano 1217).
 Quito, Ecuador. "La Voz de los Andes." (Casilla 1080).
 Bogota, Colombia. "Nueva Granada."
 Portland, Ore. H. M. Swartwood, Jr., Pro. Dir. 24 hours daily.
 Salta, Salta, Argentina. "Radio Provincia de Salta."
 Soracaba, S. P., Brazil. "Radio Sociedad do Soracaba."
 Presidente Prudente, S. P., Brazil. "La Voz de Sertao."
 Araguari, M. G., Brazil. "Sociedade Radio Araguari."
 San Jose, Costa Rica. "Radio el Mundo."
 Jersey City, N. J. Frank V. Bremer, Tech. Dir. 24 hours daily.
 Louisville, Ky. Wilbur Hudson.
 Portland, Me. Arline B. Barjaun.
 Fargo, N. D. 7:00 AM-2:00 AM.
 Tampa, Fla. 6:45 AM-7.
 Madison, Wis.
 Ashtabula, Ohio.
 Juarez, Chih.
 Mexico City, D. F.
 Matmoros, Tams.
 Asuncion, Paraguay. "Radio La Capital." (Chile 461).
 Villahermosa, Tab.
 Keljo, Korea.
 Wusih, China.
 Bendigo, Australia.
 Ayr, Australia.
 Belfast, Northern Ireland. "Northern Ireland Regional."
 Zagreb, Yugoslavia.

WPT WORLD 4990

GEORGIA

Albany		Gainesville
WALB-1590 M		WGGA-1240
WGFO-1450 C		Griffin
Athens		WKEU-1450
WGAU-1340		LaGrange
Atlanta		WLAG-1240 M
WAGA-590 B		Macon
WATL-1400 M		WBML-1240 BM
WGST-920 C		WMAZ-940 C
WAB-750 N		Moultrie
Augusta		WMGA-1400
WGAC-1240 BM		Ilome
WRDW-1480 C		WRGA-1490
Brunswick		Savannah
WMOG-1490		WSAV-1340 N
Oedartown		WTOC-1290 C
WAAA-1340		Thomasville
Columbus		WPAX-1240
WDAK-1340 BM		Toccoa
WRBL-1230 C		WRLC-1450
Cordale		Valdosta
WVBM-1390		WGOV-1450 M
Dalton		Waycross
WBLJ-1230 M		WAYX-1230



Pvt. Edward Lendzioszek (left) in the Army Air Force at Pampa, Tex., and Pfc. Charles Casmas studying foreign languages at University of Pennsylvania.

HAWAII

Hilo		KGU-760 N
KHBC-1230 CM		Lihue
Honolulu		KTOH-1490
KGMB-590 CM		

IDAHO

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

ILLINOIS

Aurora		Decatur
WMO-1280		WSOY-1340 C
Bloomington		East St. Louis
WJBC-1230		WTMV-1490
Cairo		Galesburg
WKRO-1490		WGII-1400
Carthage		Harrisburg
WCAZ-1080		WBEQ-1240
Champaign		Herrin
WDWS-1400 C		WJPF-1340
Chicago		Jacksonville
WAAF-950		WLDS-1180
WAT-820		Joliet
WBBM-780 C		WCLS-1340
WCFM-1000		Peoria
WCRW-1240		WMBD-1470 C
WEDC-1240		Quincy
WENR-890 B		WTAD-930 C
WGES-1390		Rockford
WGN-720 M		WROK-1440 BM
WJJD-1160		Rock Island
WLS-890 B		WHBF-1270 M
WMAQ-670 N		Springfield
WMBI-1110		WCBS-1450 B
WSBC-1240		WTAX-1240 C
Cicero		WTCU
WHFC-1450		WDZ-1050
Danville		Urbana
WDAN-1490 C		WILL-580

980 KCS

OBV	F	1000	Quebec, Que. 7:30 AM-11:30 PM.
CKRM	F	1000	Regina, Sask. 10:30 AM-1:30 AM.
CKWX		1500	Vancouver, B. C. 11:00 AM-2:00 AM.
CMCK	X	5000	Havana, Cuba. "Radio America." (San Miguel 314).
KFWB		5000	Los Angeles, Cal. Harry Meyers, C. E. ?-1 AM.
KMBC	C	5000	Kansas City, Mo. A. R. Moler. Tech. Dept. 7:00 AM-1:00 AM.
PRE8	V	20000	Rio de Janeiro, D. F., Brazil. "Radio Nacional."
WGBC	BD	1000	Greensboro, N. C. Ralph Lambeth. 6:00 AM-1S.
WRC	N	5000	Washington, D. C. Neal Hathaway, Sales Mgr.
WSIX	BM	5000	Nashville, Tenn.
WTRY	B	1000	Troy, N. Y. William Watson.
XECA		1000	Tampico, Tam.
XEFQ		500	Cananea, Son.
XENT		1000	Tejic, N.Y.
XEV		150	Cuernavaca, Mor.
YV2RB	W	500	San Cristobal, Tachira, Venezuela. "La Voz del Tachira."
CNO	983	25	Casablanca, Morocco.
IIBO*	986	50000	Bologna, Italy.
JONK		500	Tokushima, Japan.
XMH8		500	Shanghai, China.
ZKM		100	Kempsey, Australia.
ZJZ		25	Gisborne, New Zealand.
6AM		2000	Northam, Australia.
....*	986	24000	Torun, Poland. (German-operated "Thorn")

990 KCS

CKY	F	15000	Winnipeg, Man. 8:00 AM-12:30 AM.
CMHT		250	Trinidad, Cuba. (Capdevila No. 41).
LR4*	W	50000	Buenos Aires, D. F., Argentina. "Radio Splendid."
WIBG		10000	Philadelphia, Pa.
WNOX	C	10000	Knoxville, Tenn. R. B. Westergard.
WPR4		1000(5)	Mayaguez, P. R. ?-11:00 PM.
XECL		5000	Mexicali, B. Cfa. 9:00 AM-1:00 AM.
XET		5000	Monterrey, N. L. "El Pregonero del Norte"
JOCK2		10000	Nagoya, Japan.
XGCK		7 1/2	Chaching, China.
XGOD		2000	Hangchow, China.
ZGZ		2000	Orange, Australia.
ZYD		250	Wellington, New Zealand.
....	995	50000	Algiers, Algeria. "United Nations Radio."
....*	997	120000	Hilversum, Netherlands.

1000 KCS

CMKW		1000	Santiago de Cuba. (Laeret 553).
KJR	B	5000	Seattle, Wash. (CP-50000). 24 hours daily.
NRB9	V	20000	Rio de Janeiro, D. F., Brazil. "Radio Sociedad Recorde."
IFA		250	San Jose, Costa Rica. "La Voz de Italia."
VCF4		10000	Chicago, Ill. (Not verifying for duration).
WINS		1000	New York, N. Y. (CP-5000; CP-10000; CP-50000 on 1000 kes.) Paul Von Kunitz, C. E.
XEOY		10000	Mexico City, D. F. "Radio Mil." ?-2:00 AM.
JOAP		100	Naha, Japan.
OKR*	1004	13500	Bratislava, Czechoslovakia.
XGMK		15	Poatung, China.
XGOT		50	Talyuan, China.
CA		300	Calms, Australia.
MB		200	Maryborough, Australia.
EX		500	Launceston, Australia.
..		500	Mokubo, Korea.

1010 KCS

CRY	BF	1000	Toronto, Ont. 7:45 AM-11:30 PM.
B101		1000	Santiago, Chile. "Radio Mayo." (Moneda 918).
D101		1000	Puerto Montt, Chile. "Radio Puerto Montt." (O'Higgins 201).
EN	F	10000	Calgary, Alta. E. Bruce. 8:30 AM-2:00 AM.
X	N	10000	Havana, Cuba. "Mil Diez-Radio Estacion Popular." (Reina 314).
24	V	2500	Montevideo, Uruguay. "La Voz del Aire." (18 de Julio 928).
RA	C	5000(10)	Little Rock, Ark Evelyn Mayhon.
BU	DP	50000	Corpus Christi, Tex. (Will replace XEAW)
	W	1000	Posadas, Mis., Argentina. "Radio Posadas"
		500	Juiz de Fora, M. G., Brazil.
		1000	Jau, S. P. Brazil.
		250	St. John's, Nfld.
	P	50000	New York, N. Y. (Now operating on 1000 kes., will change Oct. 1944).
		5000	Guadalajara, Jal.
	V	1000	Caracas, D. F., Venezuela. "Ondas Populares."

INDIANA

Anderson		Kokomo
WABE-1240		WKMO-1400
Elkhart		Lafayette
WTRC-1340		WASK-1450
Evansville		Muncie
WEOA-1400 C		WLBC-1340 C
WGBF-1280 N		New Albany
Fort Wayne		WVGC-1400 M
WGL-1450 N		Richmond
WOWO-1190 B		WKBY-1490
Gary		South Bend
WIND-560		WSBT-960 C
Hannmond		Terre Haute
WJOB-1230		WBOV-1230 N
Indianapolis		Vincennes
WFBM-1260 C		WAOV-1450
WIBC-1070 M		West Lafayette
WIRE-1430 N		WBAA-920
WISH-1310 B		

IOWA

Ames		Fort Dodge
WOI-640		KVFD-1400 M
Boone		Iowa City
KPTQ-1260		WJUL-910
Burlington		Marshalltown
KBUR-1490 B		KFJB-1230
Cedar Rapids		Mason City
WMT-600 CM		KGLO-1300 C
Clinton		Ottumwa
KROS-1340		KBIZ-1240
Davenport		Shenandoah
WOC-1420 B		KFNF-920
Decorah		KMA-960 B
KWLC-1240		Sioux City
Des Moines		KSCJ-1360 B
KRNT-1350 C		KTRI-1450 M
KSO-1460 BM		Spencer
WHO-1040 N		KICD-1240
Dubuque		Waterloo
KDTH-1370 M		KXEL-1540 B
WRBB-1490 B		

KANSAS

Atchison		Lawrence
KVAK-1450		KFKU-1250
Colfeyville		WREN-1250 B
KGFF-690 B		Manhattan
Dodge City		KSAC-580
KGNO-1370		Pittsburg
Emporia		KOAM-810 N
KPSW-1400 M		Salina
Garden City		KSAL-1150 M
KIUL-1240		Topeka
Great Bend		WIBW-580 C
KVGB-1400 M		Whitchurch
Hutchison		KANS-1240 N
KVBW-1450 N		KPHI-1070 BM
Kansas City		KPH-1330 C
KCKN-1340		

KENTUCKY

Ashland		Lexington
WMI-1340 M		WLAP-1450 M
Bowling Green		Louisville
WLBJ-1340 M		WAVE-970 N
Harlan		WHAS-840 C
Hopkinsville		WINN-1240 B
Henderson		Owensboro
WSON-860		WOMI-1490
Hopkinsville		Paducah
WHOP-1230		WPAD-1450

LOUISIANA

Alexandria		New Orleans
WATB-1240 B		WDSU-1280 B
Baton Rouge		WJBW-1230
WJBO-1150 B		WNOE-1450 M
Lafayette		WMBB-1350 N
KVOI-1340		WWL-870 C
Lake Charles		Shreveport
KPLC-1490		KRMB-1340 B
Monroe		KRTS-1480 N
KMLB-1230 B		KWKH-1130 C

MAINE

Augusta		WLBZ-620 N
WRDO-1400 N		Portland
Bangor		WCSH-970 N
WABJ-910 C		WGAN-560 C
Leicester		Bresque Isle
WGOU-1240 M		WAGM-1450

.....	P	250	Nogales, Son.
JOPG		100	Kusiro, Japan.
RW86	1013	4000	Tchernigov, USSR.
XGOW		5000	Hangchow, China.
3HA		750	Hamilton, Australia.
4ZD		100	Dunedin, New Zealand.
.....*	1013	70000	Droitwich, Great Britain. "Midland Regional."

1020 KCS

KDKA	N	50000	Pittsburgh, Pa. Dwight Meyer. 24 hours daily.
KFVD	L	1000	Los Angeles, Cal. Tony Reider. 10 AM-1S, 1-4 AM.
EAJ19	1022	1000	Oveido, Spain.
JOFG		300	Fukui, Japan.
VUW	1022	5000	Lucknow, India.
XHHG		100	Shanghai, China.
2KY		1000	Sydney, Australia.
.....*	1022	10000	Taihoku, Formosa.
.....*			Krakow, Poland. (German-operated "Kra-kau.")

1030 KCS

CB103		400	Valparaiso, Chile. "Universidad Tecnica."
CD103		100	Magallanes, Chile. "Radio Magallanes." (Mexicana 946).
LR9		5000	Buenos Aires, D. F., Argentina. "Radio Fenix." (Talcahuano 1186).
OAX4U		1000	Lima, Peru. "Radio America." (Jiron Oco-na 476).
WBZ	NS	50000	Boston, Mass. 6:00 AM-1:00 AM.
WBZA	NS	1000	Springfield, Mass. H. E. Randall. 6:00 AM-1:00 AM.
XBQR		1000	Mexico City, D. F.
JBAK		250	Fusan, Korea.
3DB		500	Melbourne, Australia.
.....*	1031	100000	Konigsberg, Germany.

1040 KCS

CP4	V	10000	La Paz, Bolivia. "Radio Illimani." (Casilla 637).
HJCZ*	W	2500	Bogota, Colombia. "La Voz de Colombia."
FRG2		24000	Sao Paulo, S. P., Brazil.
TIRM		500	San Jose, Costa Rica.
WHO	N	50000	Des Moines, Iowa. 6:30 AM-1:30 AM.
HAL2		18000	Budapest, Hungary.
JONK		500	Nagano, Japan.
RW70		10000	Leningrad, USSR.
XHHH		100	Shanghai, China.
5PI		2000	Crystal Brook, Australia.
.....*		120000	Rennes, France. "Rennes-Bretagne."
.....*		50	Kosyu, Korea.
.....*		3000	Beirut, Syria. "Radio Levant."

1050 KCS

CMKG		250	Holguin, Cuba.
CX26		2000	Montevideo, Uruguay. "Radio Uruguay." (Milan 2370).
HC2AJ	VX	2500	Guayaquil, Ecuador. (Casilla 1080).
HJAH	V	500	Barranquilla, Colombia. "Emisora Atlantica."
WDZ	D	1000	Tuscola, Ill. Mark Spies, C. E. 5:00 AM-1S.
WHN		50000	New York, N. Y. Fred Raphael, Pro. Dir. 7-3:00 AM.
XEG		150000	Monterrey, N. L. (San Antonio, Tex.)
YV5RZ		500	La Guaira, D. F., Venezuela. "Emisoras Vargas."
LIBA*	1059	20000	Bari, Italy.
JBDK		250	Kanko, Korea.
JOHG		500	Kagosima, Japan.
JOTG		100	Aomori, Japan.
RW33		1000	Krasnodar, USSR.
XHKA		100	Tientsin, China.
2CA		2000	Canberra, Australia.
.....*		12000	Saigon, French Indo-China.
.....*		100000	Start Point, Great Britain. "West Regional."

1060 KCS

CB106		5000	Santiago, Chile. "Radio Sud America." (Casilla 1346).
CJOC	F	1000	Lethbridge, Alta. 10:00 AM-1:30 AM.
CMCM		250	Havana, Cuba. "La Inmaculada." (23 No. 1216, Vedado).
CMJA		250	Camaguey, Cuba. (Maceo No. 1).
HJCG		1000	Bogota, Colombia. "Radio Santa Fe."
KYW	N	50000	Philadelphina, Pa. E. H. Gager, C. E. 24 hours daily.
PRD2	W	40000	Rio de Janeiro, D. F., Brazil.
XEST		50000	Mexico City D. F.
JOIG		500	Toyama, Japan.
JQAK2	1065	1000	Dairen, Manchoukuo.

MARYLAND

Baltimore	WBAL-1090 N	Frederick	WFCO-600 C
WCBM-1400 B	Hagerstown	WJEB-1240 M	Salisbury
WTBO-820	WBOC-1490 M		

MASSACHUSETTS

Boston	WBZ-1030 N	Lowell	WLLH-1400 M
WCCP-1150	New Bedford	WNBH-1340 BM	
WELI-590 C	Pittsfield	WBRK-1340 M	
WHDH-850 B	Salem	WBN-1230	
WMEN-1510	Springfield	WBZA-1030 N	
WNAO-1260 M	WMAA-1450 C	WSPR-1270 B	
WORL-950	West Yarmouth	WOCB-1240	
Fall River	Worcester	WAAB-1440 M	
WSAR-1480 M	WALW-680	WORC-1310 B	
Fitchburg	WLLH-1400 M	WTAG-580 C	
WELM-1340 M			
Greenfield			
WHAT-1240 M			
Holyoke			
WHYN-1400 M			
Lawrence			

MICHIGAN

Battle Creek	WOOD-1300 N		
WELL-1400 B	Kalamazoo	WKZO-590 C	
Bay City	Lansing	WJIM-1240 B	
WBCM-1440 B	Lapeer	WMPE-1230	
Calumet	Marquette	WDMJ-1340	
WHDH-1400	Muskegon	WKBZ-1490	
Detroit	Pontiac	WCAR-1130	
WJBK-1490	Port Huron	WHLS-1450	
WJLB-1400	Royal Oak	WEXL-1340	
WJR-760 C	Saginaw	WSAM-1400 N	
WVJ-950 N	Sault Ste. Marie	WSOO-1230 B	
WXYZ-1270 B	Traverse City	WTCM-1400	
East Lansing			
WKAR-870			
Escanaba			
WDBC-1490			
Flint			
WDFD-910 B			
Grand Rapids			
WLA V-1340 BM			
Ironwood			
WJMS-1450 M			
Jackson			
WIBM-1450 B			

MINNESOTA

Albert Lea	Moorhead	KVOX-1340 M	
KATE-1450 M	Northfield	WCAL-770	
Duluth	Rochester	KROC-1340 N	
KDAL-610 C	St. Cloud	KPAM-1450 N	
WIBC-1320 N	St. Paul	KSTP-1500 N	
Fergus Falls	Virginia	WMFN-1400	
KGDE-1230 M	WHLB-1400 N	Willmar	
Hibbing	KWLM-1340 M	Winona	
WMBG-1240 N	KWNO-1230 M		
Mankato			
KYSM-1230 N			
Minneapolis			
WCCO-830 C			
WDGY-1130			
WLB-770			
WLOL-1330 M			
WTCN-1280 B			

MISSISSIPPI

Columbus	WLSL-1450 B		
WCH-1340 M	Laurel	WAML-1340 N	
Greenville	McComb	WSKB-1230	
WJPR-1340	Meridian	WCOM-910 C	
Greenwood	Natchez	WMIS-1490	
WGRM-1240 B	Vicksburg	WQBC-1390 B	
Gulfport			
WCCM-1240 B			
Hattiesburg			
WFOR-1400 N			
Jackson			
WJDX-1300 N			

MISSOURI

Cape Girardeau	Columbia	KFRU-1400 B	
KFVS-1400	Hannibal		
Clayton			
KFVO-850			

RW57	1068	4000
XHHI		100
4SB		2000
....	1068	5000

Tiraspol, USSR.
Shanghai, China.
Kingaroy, Australia.
Moldava, Roumania.

1070 KCS

CBA	F	50000
KFBI	BM	1000(5)
KNX	C	50000
LRI*		50000
TINBC	W	5000
WAPI	C	5000
WIBC	M	1000(5)
JBGK		500
JOOK		300
NGOX		200
XKRI	1071	100
1ZB		1000
2RG		200
6WB		2000
....*	1077	100000

Sackville, N. B. P. I. Crawford. 6:45 AM-11:00 PM.
Wichita, Kans. 24 hours daily.
Los Angeles, Cal. 24 hours daily.
Buenos Aires, D. F., Argentina. "Radio El Mundo." ?-11:05 PM.
San Jose, Costa Rica. "La Voz de La Democracia."
Birmingham, Ala. N. McFarland. ?-12:05 AM.
Indianapolis, Ind. (CP-5000 W). H. E. Adams. C. E.
Taikyuu, Korea.
Kyoto, Japan.
Honan-Fu, China.
Canton, China.
Auckland, New Zealand.
Griffith, Australia.
Katanning, Australia.
Bordeaux, France.

1080 KCS

HHK		25000
KRLD	C	50000
KWJJ		1000
LT5		5000
OAX4F		250
PRD7		500
WCAZ	D	250
WVIC	N	50000
YV6RE	W	250
JOJG		500
SBV*	1086	100000
SCC	1086	2000
VUL	1086	5000
XHHT		200
2LT		100
4RO		200
7HT		500
....	1086	20000

Leogane, Haiti.
Dallas, Tex. Owen Boyd, Secy. 7:00 AM-1:15 AM.
Portland, Ore. Art Morey. 9:00 AM-2:30 AM
Resistencia, Cha., Argentina. "Radio Charco." (Av 9 de Julio.)
Lima, Peru. "Radio Mundial." (Jiron Union 733).
Sorocaba, S. P., Brazil. "Radio Club do Sorocaba."
Carthage, Ill.
Hartford, Conn. T. C. McCray, Pro. Mgr.
Barcelona, Anzoategui, Venezuela. "Emisoras Unidas."
Yamagata, Japan.
Falun, Sweden.
Falun, Sweden.
Lahore, India.
Shanghai, China.
Lithgow, Australia.
Rachkampton, Australia.
Hobart, Australia.
Osijek, Yugoslavia.

1090 KCS

CC109		100
CMBS	D	250
CMKR	R	250
CP10		50
CP45		50
CX28		3000
HJEE		500
KEVR		250
KTHS	B	1000(10)
LV5		1500
PRI2		50
WBAL	N	50000
WJAG	L	1000
XEHR	UW	250
XERB		50000
....	P	250
EAJ7	1095	5000
JBBK1		500
RW75*	1095	10000
XGOB		250
XLIO		....
3LK		1000

Rancagua, Chile. "Radio Rancagua." (Independencia 483).
Havana, Cuba. "Radio Artalejo." (Calle y D. Vedado).
Santiago de Cuba. (B. Maso 69, alta).
La Paz, Bolivia. "Radio La Paz." (Casilla 911).
La Paz, Bolivia. "Radio Rural."
Montevideo, Uruguay. "Radio Imparcial." (Convencion 1379).
Cali, Colombia. "Radio Cali."
Seattle, Wash. John L. Kelley, C. E.
Hot Springs, Ark. Mary Lloyd, Sec.
San Juan, S. J., Argentina. "Radio Los Andes."
Marilia S. P., Brazil. "Radio Club do Marilia."
Baltimore, Md. G. W. Cooke, C. E. 24 hours daily.
Norfolk, Neb.
Puebla, Pnc.
Rosarito, B. Cta. (Box 419, San Ysidro, Cal.) 7:00 PM-2:00 AM.
Celaya, Gto.
Madrid, Spain.
Keijo, Korea.
Vinnitsa, USSR.
Loyang, China.
Shaching, China.
Lubeck, Australia.

1100 KCS

HC2J5B		20
HJCB* 1105X		1000
KJBS	L	500
PRG9		25000
TIMACHO		1000
WTAM	N	50000
WTP	1104	50000

Guayaquil, Ecuador.
Bogota, Colombia. "Nueva Granada."
San Francisco, Cal. Marion Ford. 1:00 AM-1 S.
Sao Paulo, S. P., Brazil. "Radio Excelsior"
San Jose, Costa Rica.
Cleveland, Ohio. S. E. Leonard, Eng-in-Chg. 24 hours daily.
Tripoli, Libya.

Jefferson City	St. Louis
KWOS-1240 M	KMOX-1120 C
Joplin	KSD-550 N
WMBH-1450 M	KWK-1380 M
Kansas City	KXOK-630 B
KCMO-1480 B	WEW-770
KMBC-980 C	WIL-1230
WDAF-610 N	Sedalia
WHP-880 M	KDRO-1490
Poplar Bluff	Springfield
KWOC-1340	KGBN-1260 N
St. Joseph	KTTT-1400 M
KFEQ-680 B	KWTO-560

MONTANA

Billings	KPFA-1240 N
KGHL-790 N	Kalispell
Bozeman	KGEZ-1340
KRBM-1450 N	Miles City
Butte	KRJJ-1340
KGFR-1370 N	Missoula
Great Falls	KGVO-1290 C
KFBB-1310 C	Sidney
Helena	KGCX-1480 F

NEBRASKA

Fremont	Norfolk
KORN-1400	WJAG-1090
Grand Island	North Platte
KMMJ-750 B	KGNF-1460
Hastings	Omaha
KHAS-1230	KBON-1490 M
Kearney	KOIL-1290 C
KGFW-1340	KOWH-660 B
Lincoln	WOW-590 N
KFAR-780 C	Scottsbluff
KFOR-1240 BM	KGKY-1490

NEVADA

Las Vegas	Reno
KENO-1400 B	KOH-630 B

NEW HAMPSHIRE

Keene	Manchester
WKNE-1290 C	WFEA-1370 N
Laconia	WMUR-610 B
WLNH-1340 M	Portsmouth
	WHEB-750

NEW JERSEY

Ashbury Park	WHOM-1480
WCAP-1310	Newark
Atlantic City	WHBT-1280
WEAR-1490 C	Paterson
WTFG-1450 B	WPAT-930
Bridgeton	Trenton
WSNJ-1240	WTNJ-1310
Camden	WTFM-920
WCAM-1310	Zarepath
Jersey City	WAWZ-1380
WAAT-970	

NEW MEXICO

Albuquerque	Las Vegas
KGGM-1260 C	KFUN-1230
KOB-770 N	Roswell
Carlsbad	KGFL-1400
KAVE-1240	Santa Fe
Clovis	KVSP-1340 C
KTCA-1400	Tucumcari
Hobbs	KTNM-1400
KWEW-1490	

NEW YORK

Albany	Endicott
WARY-1400 M	WLAN-1450
WGBB-1460 C	Freeport
Albany	WGBB-1240
WMPG-1340	Ithaca
Batavia	WHCU-870 C
WBTB-1490	Jamestown
Binghamton	WJLN-1240 B
WVBT-1290 CM	Kingston
Brooklyn	WKNY-1490
WBYN-1430	Middletown
WBBR-1330	WALJ-1340
WLIB-1190	Newburgh
Buffalo	WGNV-1220
WBEN-920 N	New York
WBNY-1400	WABC-880 C
WBBR-1340 B	WBNK-1380
WGR-550 M	WBAF-660 N
WEDW-1520 C	WVTV-1330
Elmira	WHN-1050
WENY-1230 MN	WINS-1000

JBFK	500
JODG	500
XHHS	100
4LG	300
6MD	500
7LA	500
.....*	300
.....*	1104 50000

Riri, Korea.
Hamamatu, Japan.
Shanghai, China.
Longreach, Australia.
Merridin, Australia.
Launceston, Australia.
Seisin, Korea.
Kuldiga, Latvia.

1110 KCS

CB111	1000
CD111	100
KPAS	10000
LS5	5000
PRI4	10000
WBT	C 50000
WMBI	L 5000
XEFO	20000
2UW	750
.....*	1113 60000
.....*	1113 13000

Vina del Mar, Chile. "Radio los Castanos." (Los Castanos 391).
Magallanes, Chile. "Radio Austral." (No-gueira 1277).
Pasadena, Cal. 9:00 AM-3:00 AM.
Buenos Aires, D. F., Argentina. "Radio Rivadavia." (Callao 1526).
Joao Pessoa, Para., Brazil. "Radio Tabajara."
Charlotte, N. C. 24 hours daily.
Chicago, Ill.
Mexico City, D. F.
Sydney, Australia.
Melnik, Czechoslovakia.
Fecamp, France. "Radio Normandie."

1120 KCS

CD112	100
CMBY	D 250
CW31	250
HJFQ	500
KMOX	C 50000
YVIRF*	X 550
HAF2	1122 1250
ON4GT	1122 100
ON4RC	1122 100
XLHM	50
4BC*	1000
.....*	1122 1000
.....*	1122 60000

Osorno, Chile. "Radio Osorno." (Baquedano 733).
Havana, Cuba. (Infanta 159).
Salto, Uruguay. "Salto Broadcasting." (Brazil Esq. Amorin).
Pereira, Colombia. "La Voz del Pueblo."
St. Louis, Mo. Arthur J. Casey, Pub. Rel. Dept. 24 hours daily.
Maracaibo, Zulia, Venezuela. "Ondas del Lago."
Kolozsvar, Hungary.
Brussels, Belgium.
Brussels, Belgium.
Shanghai, China.
Brisbane, Australia.
Alexandria, Egypt.
Stagshaw, Great Britain. "North Regional."

1130 KCS

CBR	F 5000
CB113	100
CD113	1000
CMKH	250
CX30	1000
HC2ET	1131-W 200
HJGE	1000
KWKH	C 50000
LU5	W 1000
PRH8	5000
WCAR	D 1000
WDGY	L 500(5)
WNEW	10000
SBH*	1131 60000
VUZ	1131
XGOC	1000
2AD	200
2ZB	1000
3CS	200
6ML	500

Vancouver, B. C. N. R. Olding. 10:30 AM-2:30 AM.
Quillota, Chile. (Subida Baron 91).
Magallanes, Chile. (Casilla 447).
Guantanamo, Cuba. (C. Garcia 24 esq. D. Marmol).
Montevideo, Uruguay. "Radio Nacional." (18 de Julio, 1764).
Guayaquil, Ecuador. (Casilla 824).
Bucaramanga, Colombia. "Radio Bucaramanga."
Shreveport, La. J. Mann & Wiley Menger. 6:30 AM-2:00 AM.
Neuquen, Nqn., Argentina. "Radio Neuquen."
Rio de Janeiro, D. F., Brazil.
Pontiac, Mich. W. N. Cooke, C. E. 7:00 AM-LS.
Minneapolis, Minn.
New York, N. Y. M. J. Weiner. 24 hours daily.
Horbj, Sweden.
Patna, India.
Nan Chang, China.
Armidale, Australia.
Wellington, New Zealand.
Colac, Australia.
Perth, Australia.

1140 KCS

CB114	5000
HJBJ	500
KGDM	C 5000
KSOO	LN 5000
WRVA	C 50000
XENT	50000
HGE*	10000
H7O1*	30000
H7S*	10000
XHHL	100
4YO	150
.....*	1149 40000

Santiago, Chile. "Radio del Pacifico." (Casilla 627).
Santa Marta, Colombia. "La Voz de Santa Marta."
Stockton, Cal. Lloyd R. Amoo, C. E. 9:30 AM-2.
Sioux Falls, S. D. 7:00 AM-LS.
Richmond, Va. M. D. Roddenberry. 5:30 AM-12:05 AM.
Nuevo Laredo, Tams.
Genoa, Italy.
Turin, Italy.
Trieste, Italy.
Shanghai, China.
Dunedin, New Zealand.
Brookman's Park, Great Britain. "London National."

WJZ	77.5B
WJCA	570
WNEW	1130
WNYC	830
WOR	710 M
WOW	1280
WQXR	1560
Niagara Falls	WHL
WHL	1290
Ogdensburg	WHL
WHL	1100
Olean	WHL
WHL	1450 B
Plattsburg	WMT
WMT	1370 B
Poughkeepsie	WKIP
WKIP	1450 B
Rochester	WHAM
WHAM	1480 N
WHTA	1400 C
WAT	1370 M
Saratac Lake	WWR

WNBZ	1320 B
Schenectady	WGY
WGY	810 N
WNNY	1240
Syracuse	WAGB
WAGB	620 BM
WTFB	1390 C
WOLF	1490
W5YR	870 N
Troy	WHAZ
WHAZ	4330
WTRY	980 B
Utica	WTKX
WTKX	1230 C
Watertown	WATN
WATN	1240
WNYN	790 C
White Plains	WHP
WHP	1400 C
Woodside	WSP
WSP	1370 M
WWR	1600

NORTH CAROLINA

Asheville	WISE
WISE	1230 MN
WUNC	570 C
Burlington	WBBB
WBBB	920 M
Charlotte	WAYS
WAYS	610 BM
WBT	1110 C
WSOC	1240 N
Concord	WEGO
WEGO	1410
Durham	WDNC
WDNC	1490 C
Elizabeth City	WCNC
WCNC	1400
Fayetteville	WFNC
WFNC	1450 M
Gastonia	WGNC
WGNC	1450 M
Goldshoro	WGBR
WGBR	1400 M
Greensboro	WBG
WBG	1470 C
WISB	980 B
Greenville	WGTC
WGTC	1490 M

Hickory	WHKY
WHKY	1400 B
High Point	WHP
WHP	1230 B
Kinston	WFCT
WFCT	1230 B
New Bern	WHT
WHT	1450
Raleigh	WPTF
WPTF	680 N
WRAL	1240 M
Roanoke Rapids	WGBT
WGBT	1230 B
Rocky Mount	WEED
WEED	1450 B
Salisbury	WSTP
WSTP	1490 M
Washington	WRRF
WRRF	930 B
Wilmington	WMA
WMA	1400 B
Wilson	WGTM
WGTM	1340 M
Winston-Salem	WATR
WATR	1340 BM
WBSA	600 N

NORTH DAKOTA

Bismarck	KFYR
KFYR	550 N
Devils Lake	KDLR
KDLR	1240 M
Fargo	WDAY
WDAY	870 N
Grand Forks	KFJM
KFJM	1440
KILO	1440 C

Jamestown	KSB
KSB	1400 M
Mandan	KCC
KCC	1270 M
Minot	KLPM
KLPM	1390 M
Valley City	KOVC
KOVC	1490

OHIO

Akron	WADC
WADC	1350 C
WAKR	1590 B
Ashtabula	WJCA
WJCA	970
Canton	WUAB
WUAB	1230 M
Cincinnati	WCY
WCY	1530 C
WCPQ	1230
WCKC	550 M
WELW	700 N
WLSA	1360 B
WEXO	700
Cleveland	WCLE
WCLE	610
WGAR	1480 C
WHK	1420 M
WJW	850 B
WTPM	1100 N
Columbus	WBNS
WBNS	1460 C
WCOL	1230 B
WHKC	640 M
WOST	820
Dayton	WDTN

WHIO	1290 C
WING	1410 BN
Findlay	WFIN
WFIN	1330
Lima	WLOK
WLOK	1240 N
Mansfield	WMAN
WMAN	1400
Marion	WMRN
WMRN	1490 B
Portsmouth	WPAY
WPAY	1400 M
Springfield	WVZE
WVZE	1340 B
Steubenville	WSTV
WSTV	1340 M
Toledo	WSPD
WSPD	1370 N
WTOI	1230 B
Warren	WRRN
WRRN	1400
Youngstown	WYPM
WYPM	1450 B
WKRN	570 C
Zanesville	WHIZ
WHIZ	1240

OKLAHOMA

Ada	KADA
KADA	1230 B
Ardmore	KVBO
KVBO	1240 B
Bartlesville	KRC

KWON	1400 M
Elk City	KASA
KASA	1240
Enid	KERC
KERC	4390 B

....* 1149 40000 Moorside Edge, Great Britain. "North National."
* 1149 50000 Westerglen, Great Britain. "Scottish National."

1150 KCS

CHSJ F 1000 St. John, N. B. Evelyn Wishart. 6:00 AM-11:00 PM.
CKOC F 500(1) Hamilton, Ont. Francis R. Kinton, Pro. Dept. 7:00 AM-11:30 PM.
CKX F 1000 Brandon, Man. 8:30 AM-12:30 AM.
CMBQ 1000(5) Havana, Cuba. "Ideas Pazos." (Trocedero y Zulueta).
HJDT V 500 Medellin, Colombia. "Radio Nutibara."
HJEB V 1000 Cali, Colombia. "La Voz del Valle."
KFSG 2 1000(2.5) Los Angeles, Cal. Phil Kerr, Pro. Dir. 11:00 AM-3:00 AM.
KRKC 2 1000(2.5) Los Angeles, Cal. 3:00 AM-11:00 AM.
KRSD 1000 Seattle, Wash. Harold Dillon. 24 hours daily.
KSAL M 1000 Salina, Kans. P. H. Barnes, Asst. Eng. ?-1:05 AM.
KSWO D 250 Lawton, Okla.
LU3 W 10000 Bahia Blanca, B. A., Argentina. "Radio del Sur."
TIJSM 2000 San Jose, Costa Rica. "Radio Central."
WAPO N 1000(5) Chattanooga, Tenn. 6:30 AM-11:05 PM.
WCOP 500 Boston, Mass. Roland G. Hale, C. E. 6:30 AM-12:00 Mid.
WDEL N 5000 Wilmington, Del. 6:30 AM-12:30 AM.
WISN C 5000 Milwaukee, Wisc.
WJBO B 5000 Baton Rouge, La. Bob Thompson. 6:30 AM-?.
WKPA D 250 New Kensington, Pa.
WTAW BD 1000 College Station, Tex. H. C. Dillingham, C. E.
XEAD 250 Guadalajara, Jal.
XEJP 600 Mexico City, D. F.
XEJS 500 Hidalgo del Parral, Chih.
YVIRD* 1153 250 Maracaibo, Zulia, Venezuela. "Radio Mara"
HAE3 1158 1250 Miskolc, Hungary.
NGKY 15 Tsangchow, China.
NGOZ 100 Chingkeang, China.
2WG 2000 Wagga Wagga, Australia.
* 1158 32000 Brno, Czechoslovakia. (German-operated "Bruenn.")

1160 KCS

CB116 1000 Valparaiso, Chile. "Radio Valparaiso." (Prat 773).
CMJK Q 250 Camaguey, Cuba. (Finlay No. 4).
HJCO 1000 Bogota, Colombia. "Radio Suramerica."
KSL C 50000 Salt Lake City, Utah. (Not verifying for duration). 8:00 AM-3:00 AM.
LT3 5000 Rosario, S. F., Argentina. "Radio Soc. Rural Cerealistas." (Puente Boca 770).
OAX4C 300 Callao, Lima, Peru. "Radio Callao." (Avda Saenz Pena 1488).
PRH5 250 Pocos de Caldas, M. G., Brazil.
WJJD L 20000 Chicago, Ill.
YV5RL* 1000 Caracas, D. F., Venezuela. "Radio Tropical."
VUY 1167 5000 Dacca, India.
XHHU 100 Shanghai, China.
7ZR 500 Hobart, Australia.
* 1167 15000 Monte Ceneri, Switzerland.

1170 KCS

CC117 W 1000 Concepcion, Chile. "Radio Zenith." (Colo-Colo 265).
CX32 500 Montevideo, Uruguay. "Radio Aguila." (Plaza Libertad 1334).
HJHB 500 Pasto, Colombia. "Ecos del Pasto."
KVOO N 50000 Tulsa, Okla. Wm. B. Way, Gen Mgr. ?-12:30 AM.
LV11 V 2500 Santiago del Estero, S. E., Argentina. "Radio del Norte."
PRC9 500 Campinas, S. P., Brazil. "Radio Educadora de Campinas."
WVVA B 50000 Wheeling, W. Va. Jean Perry.
XECD 350 Puebla, Puc.
XLIE 50 Wusih, China.
2NZ 2000 Inverell, Australia.
* 1176 10000 Copenhagen, Denmark.

1180 KCS

1180 KCS
CB118 10000 Santiago, Chile. "Radio Nacional." (O'Higgins 1164).
HJEQ 500 Palmira, Colombia. "Ondas de Palmira."
PRE3 30000 Rio de Janeiro, D. F., Brazil. "Sociedade Radio Trans. Brasileria."
WHAM N 50000 Rochester, N. Y. 24 hours daily.
WLDS D 250 Jacksonville, Ill. Edgar Parsons.

Lawton
KSWO—1150
 Muskogee
KBIX—1490 B
 Norman
WNAD—640
 Oklahoma City
KOCY—1340 M
KOMA—1420 C
KTOK—1400 B
WKY—930 N
 Okmulgee
~~KHBB~~—1240
 Ponca City
~~WBBZ~~—1230
 Shawnee
~~KCFE~~—1450 B
 Tulsa
KOME—1340 BM
KTUL—1430 C
~~KVOO~~—1170 N

OREGON

Albany
KWIL—1240 M
 Astoria
~~KAST~~—1230 M
 Baker
KBKR—1490
 Bend
KBND—1340
 Corvallis
KOAC—550
 Eugene
KORE—1450 M
 Grants Pass
KUIN—1340 M
 Klamath Falls
KFJJ—1240 M
 La Grande
KLBM—1450
 Marshfield
KOOS—1230 M
 Medford
KMED—1440 N
 Pendleton
KWRC—1240
 Portland
~~KALE~~—1330 M
KBPS—1450
KEX—1140 B
KGW—620 N
~~KZIN~~—970 C
KWJJ—1080
KXL—750
 Roseburg
KRNR—1490 M
 Salem
KSLM—1390
 The Dalles
KODL—1230

PENNSYLVANIA

Allentown
~~WCBP~~—1470
WLAN—1470 N
 Altoona
~~WERG~~—1370 N
 Butler
WISR—680
 Du Bois
~~WDBD~~—1230 C
 Easton
WEST—1400 M
 Erie
WERC—1490 C
WLEU—1450 B
 Greensburg
WHJB—620
 Grove City
WSAJ—1340
 Harrisburg
WHP—1460 C
WKBO—1230 MN
 Hazelton
WAZI—1450 M
 Johnstown
WJAC—1400 N
 Lancaster
WGAL—1490 MN
 Lewistown
WMBF—1490 N
 New Castle
WKST—1280
 New Kensington
WKPA—1150
 Philadelphia
KYW—1060 N
WCAU—1210 C
WPAS—1400
~~WPTL~~—560 B
WHAT—1340
WIBG—990
WTF—610 M
WPEN—950
~~WTFB~~—1340
 Pittsburgh
KDKA—1020 N
QV—1410 B
WGAE—1250 M
WJAS—1320 C
WWSW—1490
 Reading
~~WEET~~—850 N
WRA W—1340 N
 Scranton
WARM—1400 BM
WGBI—910 C
WQAN—910
 Sharon
WPIC—790
 Sunbury
WKOK—1240
 Uniontown
WMBS—590 C
 Washington
WJPA—1450
 Wilkes-Barre
WBAX—1240 M
WDRF—1340 N
 Williamsport
WRAC—1400 N
 York
WORK—1350 MN
~~WSPA~~—900 B

PUERTO RICO

Mayaguez
WPRA—990
 Ponce
WPAB—1370
WPRP—1420
 San Juan
WTAC—580
WJKAQ—620 C
WVNL—1320*

RHODE ISLAND

Pawtucket
WFCT—1420 B
 Providence
WEAN—790 M
WJAR—920 N
WPRO—930 C

SOUTH CAROLINA

Anderson
WAIM—1230 C
 Charleston
WGSC—1390 C
WTMA—1250 N
 Columbia
WCOS—1400 BM
WIS—560 N
 Florence
WOLS—1230 B
 Greenville
WFBC—1330 N
WMRC—1490 BM
 Greenwood
WCRS—1450 N
 Spartanburg
WORD—1400 B
WSPA—950 C
 Sumter
WFIG—1340 B

YND5	W	500	Managua, Nicaragua. "La Voz de Nicaragua."
....	DP	250	Mexico City, D. F.
RW20	1185	10000	Kharkov, USSR.
XHHZ		150	Shanghai, China.
2ZM		100	Gisborne, New Zealand.
3KZ		600	Melbourne, Australia.
....*		....	Oran, Algeria. "United Nations Radio."
....*	1185	60000	Nice, France. "Nice PTT."

1190 KCS

CMCU		250	Havana, Cuba. (CP-5000) (Hotel Plaza).
HJAN*	W	1000	Barranquilla, Colombia. "Emisoras Unidas."
KEX	B	5000	Portland, Ore. H. C. Singleton. 9:00 AM-3:00 AM.
LS2*		15000	Buenos Aires, D. F., Argentina. "Radio Prieto."
WLJB	L	1000	Brooklyn, N. Y. Arthur Fenske, C. E.
WOWO	B	10000	Fort Wayne, Ind.
XERP	Q	50000	Agua Prieta, Son.
XLKA		30	Peiping, China.
2CH		1000	Sydney, Australia.
....	1195	2000	Coblenz, Germany.
....*	1195	25000	Frankfurt, Germany.
....	1195	50	Kassel, Germany.
....	1195	2000	Trier, Germany.

1200 KCS

CB120		1000	Valparaiso, Chile. "Diario la Union." (Casilla 2043).
CP16		50	La Paz, Bolivia. "Radio Paris."
CW33	W	75	Florida, Uruguay. "Difusora Florida." (Ituzaingo 355).
HJCR*	W	5000	Bogota, Colombia. "Emisora Nacional."
LT9		1000	Santa Fe, S. F., Argentina. "Radio Roca Soler."
OAX4B		250	Lima, Peru. "Radio Lima." (Jiron Risso 267).
PRB6	W	25000	Sao Paulo, S. P., Brazil. "Radio Cruzeiro do Sul."
TIRCC		500	San Jose, Costa Rica. "Accion Catolica."
WOAI	N	50000	San Antonio, Tex. D. La Beaume. 9:00 AM-1:00 AM.
YV7RA	P	....	Cumana, Sucre, Venez. "Radio Sucre."
ZP11		....	Asuncion, Paraguay. "Radio Charita." (L. A. Herrera, 134).
NGOA		10000	Chungking, China.
XHHN		100	Shanghai, China.
XIRS		....	Shanghai, China. (Reported in NZDXC).
3YL		300	Christchurch, New Zealand.
5KA		500	Adelaide, Australia.
....*	1204	50000	Algiers, Algeria. "United Nations Radio."
....			Posen, Poland.

1210 KCS

CX34		500	Montevideo, Uruguay. "Radio Artigas." (Millan, 2370).
HJAM		250	Monteria, Colombia. "Ondas del Sinu."
HJFM		500	Armenia, Colombia. "La Voz de Armenia."
LV10		2500	Mendoza, Men., Argentina. "Radio de Cuyo."
PRG8	W	250	Bauru, S. P., Brazil. "Bauru Radio Club."
WCAU	C	50000	Philadelphia, Pa. J. G. Leitch. 24 hours daily.
XHKC		100	Tsingtao, China.
XLPH		15	Pinghu, China.
XLTC		150	Wusih, China.
2GF		200	Grafton, Australia.
3YB		200	Warnambool, Australia.
6KG		500	Kalgoorlie, Australia.
....*	1213	60000	Lille, France.

1220 KCS

CJRL	F	1000	Kenora, Ont. 9:00 AM-11:30 PM.
CMKO		250	Holguin, Cuba. (Desamparados y Muceo).
HJCE		1000	Bogota, Colombia. "Ondas Bogotanas."
PRA9*		80000	Rio de Janeiro, D. F., Brazil.
WGAR	CP	5000	Cleveland, Ohio. (At present on 1480 kes.)
WGNV	D	1000	Newburgh, N. Y. Marvin Seimes, C. E.
XEB	X	100000	Mexico City, D. F. "El Buen Tono."
11R02*	1222	60000	Rome, Italy.
LKG	1222	300	Narvik, Norway.
XGOT		500	Peiping, China.
4AK*		2000	Darling Downs, Australia.
....		500	Bloemendaal, Netherlands.

1230 KCS

1230 KCS			
CFAR	P	250	Flin Flon, Man. (At present on 1400 kes.)
CHGB	F	250	Ste Anne de la Pocatiere, Que. 7:30 AM-11:30 PM.
CJ CJ	F	100	Calgary, Alta. 11:00 AM-1:00 AM.

SOUTH DAKOTA

Aberdeen	KELO—1230 N
WABR—1420 M	KSOO—1140 N
Pierre	Vermillion
KGFX—630	KUSD—920
Rapid City	Watertown
KOBH—1400	KWAT—1240
WCAT—1280	Yankton
Sioux Falls	WNAX—570 C

TENNESSEE

Kingsport	Bristol
WKPT—1400 N	WOPT—1490 N
Knoxville	Chattanooga
WBTR—1240 BM	WAPO—1150 N
WNXN—990 C	WDEF—1400 BM
WROL—620 N	WDOD—1310 C
Memphis	Clarksville
WHBC—1400	WJZM—1400 M
WMC—790 N	Cookeville
WMPS—1460 BM	WHUB—1400
WREC—600 C	Jackson
Nashville	WTJS—1390 M
WLAC—1510 C	Johnson City
WSIX—980 BM	WJHL—910 B
WSM—650 N	

Texas

Abilene	WBAP—820 N
KRBC—1450 M	Galveston
Amarillo	KLUF—1400
KPDA—1230 BM	Harlingen
KGNC—1440 N	KGES—1240 C
Austin	Houston
KNOW—1490 BM	KPRC—950 N
KTBC—590 C	KTRH—740 C
Beaumont	KXVZ—1320 BM
KPDM—560 B	Huntsville
KRIC—1450	KSAM—1490
Big Spring	Kilgore
KBST—1490 M	KOCA—1240
Brady	Laredo
KNEI—1490	KPAB—1490
Brownsville	Longview
KEEW—1490	KPRP—1370
Brownwood	Lubbock
EDWD—1380	KFYO—1340
College Station	Lufkin
WTAW—1150 B	KRBA—1340
Corpus Christi	Midland
KKEYS—1490 C	KRLH—1230 M
KRIS—1360 MN	Palestine
KWRU—1010	KNET—1450
Corsicana	Pampa
KAND—1340	KPDN—1340
Dallas	Paris
KRLD—1080 C	KPLT—1490 M
KKEY—660	Pecos
WFAA—820 N	KLUN—1400
WRR—1310 M	Port Arthur
Denton	KPAC—1250 M
KDNT—1450	San Angelo
El Paso	KGKI—1400 M
KEDP—600 C	San Antonio
KTSM—1380 N	KABC—1450 BM
Fort Worth	KMAC—1240
KAFZ—1270 M	KONO—1400
KRKO—570 B	KTSA—550 C

THROUGH Correspondence meet new friends. Free particulars. E. Brieger, P. O. Box 923, St. Louis, Mo.

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CKVD	F	100	Val D'or, Que. (CP-250 w.) 8:00 AM-11:30 PM.
CMCO	2	250	Havana, Cuba. (Calzada 1257, Vedado).
CMCW	2	250	Havana, Cuba. (Malecon 303).
CMJE		250	Camaguey, Cuba. (Macao 27).
HHW	V	250	Port-au-Prince, Haiti.
HJEO		500	Cartago, Colombia. "Aires del Palatino."
KADA	B	250	Ada, Okla.
KAST	M	250	Astoria, Ore.
KBTM	M	250	Jonesboro, Ark.
KCMC	MP	250	Texarkana, Tex. (At present on 1450 kes.)
KELO	N	250	Sioux Falls, S. D.
KFDA	BM	250	Amarillo, Tex.
KFIO	M	250	Spokane, Wash.
KFJB		250	Marshalltown, Iowa. O. L. Russell, Pro. Dir.
KFUN		250	Las Vegas, N. M. E. N. Thwaites, Mgr.
KFXD		250	Nampa, Ida.
KGDE	M	100,(25)	Fergus Falls, Minn.
KGEK		100	Sterling, Colo.
KGFJ		100	Los Angeles, Cal. Thelma Kirehner, Mgr. 24 hours daily.
KGHI	BM	250	Little Rock, Ark.
KHAS		250	Hastings, Neb.
KHCB	CM	250	Hilo, T. H.
KMLB	B	250	Monroe, La.
KODL		100,(25)	The Dalles, Ore.
KOOS	M	250	Marshfield, Ore. Robert Spaugh, Eng.
KPHO		250	Phoenix, Ariz. Mrs. M. C. Reese. 8:00 AM-2:00 AM.
KPOW		250	Powell, Wyo. Mrs. Albert J. Meyer, Mgr. 8:45 AM-12:45 AM.
KRLH	M	250	Midland, Tex.
KCSU		250	Lowell, Ariz.
KYCV	M	250	Redding, Cal. Paul Trist, jr. 10:00 AM-5:00 AM.
KVEC	M	250	San Luis Obispo, Cal. Earl Travis, C. E. 9:30 AM-3:15 AM.
KVNU	M	250	Logan, Utah.
KVOS		250	Bellingham, Wash. (CP-790 kes.)
KWG	B	100	Stockton, Cal.
KWNO	M	250	Winona, Minn.
KYSM	N	250	Mankato, Minn. Anton Thrill.
LT2	W	15000	Rosario, S. F. Argentina. "Radio Stentor"
WAIM	C	250	Anderson, S. C. Allan Doyle. 6:00 AM-7.
WAJR		250	Morgantown, W. Va. Robert Spence, C. E.
WAYX		250	Waycross, Ga. Frank Oblinger.
WBZZ		250	Ponca City, Okla. Lewis Broton, C. E. 6:30 AM-9:00 PM.
WBHP	M	250	Huntsville, Ala.
WBLJ	M	250	Dalton, Ga.
WBOC	M	250	Salisbury, Md.
WBOW	N	250	Terre Haute, Ind.
WCAT	DG	100	Rapid City, S. D.
WCBT	B	250	Roanoke Rapids, N. C.
WCED	C	250	Du Bois, Pa. 8:00 AM-7.
WCLO	M	250	Janesville, Wisc. W. T. Havens, C. E.
WCOL	B	250	Columbus, Ohio.
WCPO		250	Cincinnati, Ohio.
WDLP		250	Panama City, Fla. 7:00 AM-7:00 PM.
WDSM	BM	100	Superior, Wisc. (CP-250 w.)
WENY	MN	250	Elmira, N. Y. Thurlow A. Greene, C. E.
WESX		250	Salem, Mass. Otis Stanley.
WEAS		250	White Plains, N. Y.
WFTC	B	250	Kinston, N. C.
WHBC	M	250	Canton, Ohio. (CP-1480 kes. 1000 w.)
WHBY	M	250	Appleton, Wisc. 8:00 AM-11:00 PM.
WHOP		250	Hopkinsville, Ky. F. E. Lackey, Mgr. 7:00 AM-10:30 PM.
WIBX	C	250	Utica, N. Y. Elliot Stewart, Vice Pres. 6:00 AM-1:00 AM.
WIL		250	St. Louis, Mo.
WISE	MN	250	Asheville, N. C. 6:30 AM-1:00 AM.
WITH		250	Baltimore, Md. J. S. Dill, C. E. 24 hours daily. (Silent Tues. 1-6 AM).
WJBC		250	Bloomington, Ill. A. M. McGregor.
WJBW		250	New Orleans, La.
WJNO	C	250	West Palm Beach, Fla.
WJOB		100	Hammond, Ind. (CP-250wv). Paul Schafer.
WJRD		250	Tuscaloosa, Ala.
WKBO	MN	250	Harrisburg, Pa.
WLOF	B	250	Orlando, Fla. Harold A. Jenkins, C. E.
WLOG		250	Logan, W. Va. John Blackwood, C. E.
WLVA	BM	250	Lynchburg, Va. Gayle Pearson, Op.
WMPR		250	High Point, N. C. Robert P. Boyd, C. E.
WMOB	BM	250	Mobile, Ala. C. Malone.
WMPC	G	250	Lapeer, Mich.
YOLS	B	250	Florence, S. C.
WRBL	C	250	Columbus, Ga.
WSKB		250	McComb, Miss. George Blumenstock, mgr. 7:00 AM-10:00 PM.
WSOO	B	100,(25)	Saulte Ste. Marie, Mich.
WTHT	M	250	Hartford, Conn. Charles S. Masini, Acting C. E.
WTOL	B	250	Toledo, Ohio. George Enk.
YNOW		800	Managua, Nicaragua.

WOAI—1200 N	Vernon
Sherman	KVWC—1490 M
JRTV—940 M	Victoria
Sweetwater	KVIC—1340
KXOX—1240	Waco
Temple	WACO—1450 BM
KTEM—1400 BM	Weslaco
Texarkana	KRGV—1290 N
KCMC—1450 M	Wichita Falls
Tyler	KWFT—620 C
KGGD—1490	

UTAH

Cedar City	KEUB—1450 M
KSUB—1340	Provo
Logan	KOVO—1240 M
KVNU—1230 M	Salt Lake City
Ogden	KDYL—1320 N
KLO—1430 M	KSL—1160 C
Price	KUTA—570 B

VERMONT

Burlington	St. Albans
WCAK—620 C	WWSR—1420
Rutland	Waterbury
WSYB—1380 M	WDEV—550

VIRGINIA

Charlottesville	Norfolk
WCHV—1450 B	WTAR—790 N
Covington	Portsmouth
WKBY—1340 B	WSPAT—1490 M
Danville	Richmond
WB4M—1400 BM	WBBL—1240
Fredericksburg	WMBG—1380 N
WFVA—1290 B	WRNI—910 BM
Harrisonburg	WRVA—1140 C
WSVA—550	Roanoke
Lynchburg	WDBJ—960 C
WLVA—1230 BM	WSLS—1240 BM
Martinsville	Suffolk
WMVA—1450 N	WLPM—1450
Newport News	Winchester
WGH—1340 B	WINC—1400 B

WASHINGTON

Aberdeen	KRSC—1150
KXRO—1340 M	KTW—1250
Bellingham	KXA—770
KVOS—1230	Spokane
Centralia	KFIO—1230 M
KELA—1470 M	KTPY—920 C
Everett	KGA—1510 B
KEVE—1460	KHQ—590 N
KRKO—1400 M	Tacoma
Longview	KTBI—1490
KWLK—1400 M	KMO—1360 M
Olympia	KVI—570
KGY—1240 M	Vancouver
Pullman	KVAN—910
KWSC—1250	Walla Walla
Seattle	KUJ—1420
KEVR—1090	Wenatchee
KIRO—710 C	KPQ—560 B
KJR—1000 B	Yakima
KOL—1300 M	KIT—1280
KOMO—950 N	

WEST VIRGINIA

Beckley	WSAZ—930 B
WVA—1240 C	Logan
Bluefield	WLOC—1230
WVLS—1440 N	Morgantown
Charleston	WAFR—1230
WCHS—580 C	Parkersburg
WGVV—1490 N	WPAK—1450 C
Clarksburg	Welch
WBLK—1400 N	WBRW—1340
Elkins	Wheeling
WJRM—1240	WKWK—1400 C
Fairmont	WVVA—1170 B
WMMN—920 C	Williamson
Huntingdon	WBTH—1400

WISCONSIN

Appleton	Janesville
WHBY—1230 M	WCLO—1230 M
Ashland	La Crosse
WATW—1400 M	WKBH—1410 N
Eau Claire	Madison
WEAU—790 N	WHA—970
Fond du Lac	WIBA—1310 N
KFIZ—1450 M	Manitowoc
Green Bay	WMTA—1240
WTAQ—1360 C	

VUB	1231	1500	Bombay, India.
XLR		50	Hangchow, China.
ZNC*		2000	Newcastle, Australia. "Hunt River Regional."
....	1231	11200	Moravska Ostrava, Czechoslovakia. (German-operated "Schoenbrunn.")
....	1231	5000	Gleiwitz, Germany.
....	1231	50000	Reichenbach, Germany.

1240 KCS

CB124		250	Valparaiso, Chile. "Radio Espana." (Brazil 2142).
CFPR		50	Prince Rupert, B. C. (CBC-operated).
CHLT	F	250	Sherbrooke, Que. Yvon Blais, C. E. 7:30 AM-11:30 PM.
CJCS		50	Stratford, Ont. 7:00 AM-10:00 PM.
CJEM	P	250	Edmunston, N. B.
CKCH	F	250	Hull, Que. 7:45 AM-11:30 PM.
CKLN	F	250	Nelson, B. C. 10:45 AM-2:00 AM.
CMGF		250	Matanzas, Cuba. (Gral. Betancourt 51).
CW35	W	250	Paysandu, Uruguay. "Paysandu Broadcasting." (18 de Julio 1044).
HJAF	W	500	Cartagena, Colombia. "Laboratorios Fuentes."
HJFG		500	Armenia, Colombia. "Voz de Comercio."
KALB	B	250	Alexandria, La. Jesse R. Sexton, C. E. 7:30 AM-11:30 PM.
KANS	N	250	Wichita, Kans. Fred Herthecker.
KASA		100	Elk City, Okla. J. R. Thomas. 6:00 AM-11:00 PM.
KAVE		250	Carlsbad, N. M. Harry Bachmann.
KBIZ		250	Ottumwa, Iowa. Jack D. Falvey, Mgr.
KDLR	M	250	Devils Lake, N. D.
KDON	M	250	Monterey, Cal. H. V. Walters. 9:30 AM-1:30 AM.
KEBC	B	250	Cheyenne, Wyo.
KEJI	M	100	Klamath Falls, Ore. 8:30 AM-2:00 AM.
KFOR	BM	250	Lincoln, Neb.
KFXM	M2	250	San Bernardino, Cal. G. Lowell Smith. 8:00 AM-3:00 AM.
KGBS	C	250	Harlingen, Tex.
KGY	M	100	Olympia, Wash. W. Wiley, C. E. 10:00 AM-1:00 AM.
KHBG		250	Okmulgee, Okla. Wm. E. Thomas, Asst. C. E. 6:30 AM-10:30 PM.
KICA		250	Clovis, N. M. S. A. Harrel, Anncr.
KICD		100	Spencer, Iowa.
KIUL		100	Garden City, Kans.
KMAC		250	San Antonio, Tex. Charles Harris, C. E.
KOCA		250	Kilgore, Tex. Karen Soule. 7:30 AM-11:00 PM.
KOVO	M	250	Provo, Utah. 8:30 AM-?.
KPFA	N	250	Helena, Mont. Kenneth McPherson. 10:00 AM-12:30 AM.
KPPC	G2	100	Pasadena, Cal. N. V. Parsons. 8:00 AM-3:00 AM, Sunday only.
KROY	C	100	Sacramento, Cal. Howard Martinian. 9:30 AM-3:30 AM.
KVSO	B	100.(25)	Ardmore, Okla. George Milner, C. E. 6:30 AM-11:05 PM.
KWAT		250	Watertown, S. D.
KWIL	M	250	Albany, Ore. Paul Spargo, Eng.
KWJB		250	Globe, Ariz. Art Turnrose, C. E.
KWLC	D	250	Decorah, Iowa.
KWOS	M	250	Jefferson City, Mo. J. C. Haynes, C. E.
KWRC		250	Pendleton, Ore. Richard Pooley, C. E.
KXOX		250	Sweetwater, Tex. George Dotson, C. E.
KYUM	N	250	Yuma, Ariz. Harper Phillips, Mgr.
LU7	VW	2500	Bahia Blanca, B. A., Argentina. "Radio Gen. San Martin." (Sarmiento 60).
PRB5		250	Franca, S. P., Brazil.
PRJ2		250	Ponta Grossa, Par., Brazil.
WAAC	C	250	Fort Meyers, Fla.
WATN		250	Watertown, N. Y.
WBAX	M	100	Wilkes-Barre, Pa.
WBBL	G	100	Richmond, Va.
WBIR	BM	250	Knoxville, Tenn. John F. Stoneberry.
WBML	BM	250	Macon, Ga.
WCOU	M	250	Lewiston, Me. 6:00 AM-?.
WCOV	C	250	Montgomery, Ala. D. Barr, Operator. 7:30 AM-11:30 PM.
WCRW	3	100	Chicago, Ill.
WEBQ		250	Harrisburg, Ill.
WEDC	3	250	Chicago, Ill. Al La Valle, C. E. All night.
WFOY	C	250	St. Augustine, Fla.
WGAC	BM	250	Augusta, Ga. 6:30 AM-12:00 Mid.
WGBB	G	100	Freeport, N. Y.
WGCM	B	250	Gulfport, Miss.
WGGA	B	250	Gainesville, Ga.
WGRM	B	250	Greenwood, Miss.
WHAI	M	250	Greenfield, Mass. 8:00 AM-11:30 PM.
WHBU		250	Anderson, Ind. John Atkinson. 7:00 AM-10:00 PM.
WHIZ		250	Zanesville, Ohio. 7:00 AM-12:00 Mid.
WIBU	M	250	Paynette, Wis. Leonard Doese, C. E.

Marinette			Rice Lake
WMAM-570			WJMC-1240
Medford			Shoebogyan
WIGM-1490			WHBL-1330 M
Milwaukee			Stevens Point
WBMP-1340 B			WLBL-930
WISN-1150 C			Superior
WTMJ-620 N			WDSM-1230 BM
Oshkosh			Wausau
WOSH-1490 B			WSAU-1400 M
Poyneite			Wisconsin
WIBU-1240 M			Rapids
Racine			WPHR-1340 M
WRJN-1400 M			

WYOMING

Casper			KPOW-1230
KDFN-1470			Rock Springs
Cheyenne			KVRS-1400
KFBC-1240 B			Sheridan
Powell			KWYO-1400

CANADA

ALBERTA

Calgary			CKUA-580 F
CFAC-960 F			Grande Prairie
CFCN-1010 F			CFGP-1340
CJCL-1230 F			Lethbridge
Edmonton			CJOC-1060 F
CFRN-1260 F			Medicine Hat
CJCA-930 F			CJMH-1490

BRITISH COLUMBIA

Chilliwack			Trail
CHWK-1340 F			CJAT-610 F
Kamloops			Vancouver
CFJC-910 F			CBR-1130 F
Kelowna			CJOR-600
CKOV-630 F			CKMO-1410
Nelson			CKWX-980
CKLN-1240 F			Victoria
Prince Rupert			CJVI-1480 F
CFPR-1240			

MANITOBA

Brandon			Winnipeg
CKX-1150 F			CKRC-630
Flin Flon			CKY-990 F
CFAR-1400			NEW

BRUNSWICK

Campbellton			Moncton
CKNB-950 F			CKCW-1400 F
Edmundston			Sackville
CJEM-1240			CBA-1070 F
Fredericton			St. John
CFNB-550 F			CHSJ-1150 F

NOVA SCOTIA

Antigonish			Sydney
CJFX-580 F			CJCB-1270 F
Halifax			Yarmouth
CHNS-960 F			CJLS-1340 F

ONTARIO

Brantford			Owen Sound
CKPC-1380			CFOS-1400
Brockville			Parry Sound
CFCL-1450 F			CHPS-1450
Chatham			Pembroke
CFCO-630 F			CHOV-1340
Fort William			Peterborough
CKPR-580 F			CHEX-1430
Hamilton			St. Catharines
CHML-900 F			CKTB-1550 F
CKOC-1150 F			Sault Ste. Marie
Kenora			CJIC-1490 F
CJRL-1220 F			Stratford
Kingston			CJCS-1240
CFRC-1490			Sudbury
CKWS-960 F			CKSO-790 F
Kirkland Lake			Timmins
CJKL-560 F			CKGB-1470 F
Kitchener			Toronto
CKCR-1490			CBL-740 FN
London			CBY-1010 BF
CFPL-1570 F			CFRB-860 C
North Bay			CKCL-580 M
CFCH-600 F			Windsor
Ottawa			CKLW-800 FM
CBO-910 F			Wingham
CKCO-1310			CKNX-920

WINN	B	250	Louisville, Ky. Wayne J. Hatchett, C. E.
WJBY	M	250	Gadsden, Ala.
WJEJ	M	250	Hagerstown, Md. George W. McIntire, C. E.
WJIM	B	250	Lansing, Mich.
WJLS	C	250	Beckley, W. Va.
WJMC		250	Rice Lake, Wis. Ray Pearson, C. E.
WJRM	P	250	Elkins, W. Va.
WJTN	B	250	Jamestown, N. Y.
WKOK		250	Sunbury, Pa. 7:00 AM-?
WLAG	M	250	La Grange, Ga. Edwin Mullinax, Mgr. 7:00 AM-?
WLOK	N	250	Lima, Ohio. 7:00 AM-1:00 AM.
WMFG	N	250	Libbing, Minn.
WOMT	W	100	Manitowoc, Wis. Francis Kadow.
WPAX		250	Thomasville, Ga.
WRAL	M	250	Raleigh, N. C. 7:00 AM-11:10 PM.
WSAY	M	250	Rochester, N. Y. (CP-1370 kcs.)
WSBC	3	250	Chicago, Ill.
WSLS	BM	250	Roanoke, Va. Philip Briggs, C. E.
WSNJ		250	Bridgeton, N. J.
WSNY		250	Schenectaday, N. Y. Irving P. Beck, C. E.
WSOC	N	250	Charlotte, N. C. Joe Hicks.
WTAX	C	100	Springfield, Ill.
XEFV	VX	250	Juarez, Chih.
XEMQ	UW	250	Merida, Yuc.
XERZ	UW	250	Leon, Gto.
YV3RE	W	775	Barquisimeto, Lara, Venez. "Radio Barquisimeto."
SCB		200	Eskilstuna, Sweden.
SCP		400	Saftle, Sweden.
SCU		200	Varberg, Sweden.
SCV		200	Orebro, Sweden.
NHHY		100	Shanghai, China.
3TR		1000	Sale, Australia.
6CK		1000	Cork, Eire.
6IX		500	Perth, Australia.
....*	1249	17000	Saarbrucken, Germany.
....	1245-E	....	Monte Carlo, Monaco.
....	....	3000	Banja Luka, Yugoslavia.

1250 KCS

CC125	W	100	Temuco, Chile. "Radio Temuco." (Antonio Varas 828).
CMKO		250	Camajuani, Cuba. (Teatro "La Caridad.")
CMKC		250	Santiago de Cuba. (E. Patma, alta, esq. a B. Maso).
CP13		50	Santa Cruz, Bolivia. "Radio El Oriente."
CP14		50	La Paz, Bolivia. "Radio El Noche."
XC36		250	Montevideo, Uruguay. "Centenario Broadcasting." (Olimar 1364).
HC2RB		100	Guayaquil, Ecuador.
HJDK	WX	500	Medellin, Colombia. "La Voz de Antioquia."
HOQ	D	....	Panama City, Panama. "Radio Nacional."
KFKU	2	1000(5)	Lawrence, Kans. 10:30 PM-11:00 PM.
KPAC	M	500	Port Arthur, Tex.
KTMS	B	1000	Santa Barbara, Cal. Ed Shedd. 9:30 AM-2:00 AM.
KTW	3	1000	Seattle, Wash.
KW5C	3	5000	Pullman, Wash. Kenneth Yeend.
OAX4L	X	200	Miraflores, Peru. "Radio Miraflores." (Alameda 769).
PRG4		2500	Jaboticabal, S. P., Brazil.
WCAE	M	5000	Pittsburgh, Pa. 6:45 AM-2:00 AM.
WDAE	C	5000	Tampa, Fla. L. S. Mitchell, Mgr. 24 hours daily.
WREN	B2	1000(5)	Lawrence, Kans. 7:30 AM-10:30 PM; 11 PM-1:00 AM.
WTMA	N	1000	Charleston, S. C. 6:00 AM-12:00 Mid.
XEAT		250	Hidalgo del Parral, Chih. (Box 90).
XEDK		500	Guadalajara, Jal.
XEDL		500	Hermosillo, Son.
XESJ		500	Saltillo, Coah.
XETF		500	Vera Cruz, Ver. C.
YV1RK*	W	500	Maracaibo, Zulia, Venezuela. "Radio Popular."
EAJ8	1258	3000	Sao Sebastian, Spain.
1F2	1258	1000	Florence, Italy. "Firenze II."
MABS		35	Siangyang, China.
SCL	1258	200	Kiruna, Sweden.
XLIF		75	Wusih, China.
XLWU		50	Wusih, China.
YLZ*	1258	15000	Riga, Latvia.
1ZM		1000	Auckland, New Zealand.

1260 KCS

CB126		1000	Santiago, Chile. "Radio Carrera." (Casilla 47606).
CFRN	F	1000	Edmonton, Alta. 8:45 AM-1:30 AM.
CMZ		5000	Havana, Cuba. Enrique S. Morales Perez. Dir. (Callezada de Columbia).
HJEL	X	500	Call, Colombia. "Radio Sport."
KFGQ	D	250	Boone, Iowa.
KGBX	N	5000	Springfield, Mo.
KGGM	C	1000	Albuquerque, N. M. Mike Hollander, Mgr. 8:00 AM-3:00 AM.

PRINCE EDWARD ISLAND
Charlottetown CFCY-630 F Summerside CHGS-1480 F

QUEBEC	
Amos	CKCV-1340 F
CHAD-1340 F	Rimouski
Chicoutimi	CJBR-900 F
CBJ-1580 F	Royn
Hull	CKRN-1400 F
CKCH-1240 F	Ste. Anne de la
Montreal	Pocatiere
CBF-690 BEFN	CHGB-1230 F
CBM-940 FN	Sherbrooke
CFCF-600 B	CHLT-1240 F
CHLP-1490	Sorel
CKAC-730 C	CJLA-1400
New Carlisle	Three Rivers
CHNC-610 F	CHLN-1450
Quebec	Val d'Or
CBY-980 F	CKVD-1230 F
CHRC-800	

SASKATCHEWAN	
Moose Jaw	Saskatoon
CHAB-800 F	CFQC-600 F
Prince Albert	Watrous
CKBI-900 F	CBK-540 F
Regina	Yorkton
CKCK-620 F	CJGX-1460 F
CKRM-980 F	

MEXICO
AGUASCALIENTES
Aguascalientes XELY-1490 NEBI-1360

BAJA CALIFORNIA	
Ensenada	Santa Rosalia
XEPF-1400	.....-560
La Paz	Tijuana
NEPX-550	XEAC-690
Mexicali	XEAU-1470
NEAA-1340	XEBG-1550
XEAO-910	NEC-1310
NECL-990	XEGM-950
.....-560	XEMO-860
Rosarito	XEON-1420
XERB-1090	.....-1590
CAMPECHE	
Campeche	Tapachula
NEA-1370	XETA-1450
	XETS-630

CHIHUAHUA	
Camargo	NEAT-1250
XEOH-1270	XEJR-1490
Casas Grandes	XEJS-1150
NETX-1400	Juarez
Chihuahua	XEF-1420
XEBU-1260	XEFV-1240
XEBW-1280	XEJ-970
NEFI-1440	XELO-800
NEM-1390	XEP-1300
.....-580	XEWG-1360
Delicias	Santa Barbara
XEJK-1340	XESB-1400
Hidalgo del Parral	Tuxtla Gutierrez
	XEXJ-1280

COAHUILA	
Piedras Negras	Torreón
NEMJ-920	XEBP-1260
NEMU-580	XEDN-600
Sabinas	XEOB-1490
XEBX-610	XEQW-1450
Saltillo	XETB-1350
NEDE-1400	Villa Acuna
NEKS-1330	XEAB-1600
XESJ-1250	XEAQ-1430
NEXU-1490	XEDH-1340
.....-1450	

COLIMA Colima NE-RL-1280

DISTRITO FEDERAL	
Mexico City	NEDP-940
NEAI-1320	XEFO-1110
XEB-1220	XEJP-1150
NESB-1410	XEK-970
XEBZ-660	XEL-1260
NEDA-1290	XELA-830

KYA	1000(5)	San Francisco, Cal. Verification Dept. 9:00 AM-3:00 AM.
PRA5	5000	Sao Paulo, S. P., Brazil.
WFBSM C	5000	Indianapolis, Ind. F. O. Sharpe. 7:00 AM-1:05 AM.
WNAC M	5000	Boston, Mass. Robert T. Bartley. 6:00 AM-2:00 AM.
WOL M	1000	Washington, D. C. Henry Lyon, C. E. 24 hours daily. (Silent Mon. Mid-6 AM).
XEBL	500	Culiacan, Sin.
XEBM	250	San Luis Potosi, S. L. P.
XEBP UW	250	Torreón, Coah.
XEBU	100	Chihuahua, Chih.
XEDW UW	250	Minatitlán, Ver. C.
XEL	750	Mexico City, D. F.
XELJ	250	Nuevo Laredo, Tams.
XER	250	Linares, N. L.
XHHP	100	Shanghai, China.
3SR	2000	Shepparton, Australia.
....	1267	15000
....		Linz, Austria.

1270 KCS

CA127	100	Antofagasta, Chile. "La Voz del Norte." (Casilla 708).
CC127	100	Chillan, Chile. "Radio Alviol." (Casilla 418).
CJCB F	1000	Sydney, N. S. 7:00 AM-11:00 PM.
CMJM AV	1000	Ciego de Avila, Cuba. (C. Central, km. 462)
HJAT*	1000	Barranquilla, Colombia. "Radio Barranquilla."
HJBC	500	Cucuta, Colombia. "La Voz de Cucuta."
KFJZ M	5000	Fort Worth, Tex. Truett Kinzey, C. E.
KGCU M	250	Mandan, N. D. Bernard Boardman, C. E. 7:30 AM-12:00 Mid.
KTFI N	1000	Twin Falls, Idaho. Bob Nelson. 8:15 AM-1:00 AM.
LS9	6000	Buenos Aires, D. F., Argentina. "La Voz del Aire." (Pozos 439).
WHBF M	5000	Rock Island, Ill. ?-1:00 AM.
WPDQ M	5000	Jacksonville, Fla. 6:30 AM-12:05 AM.
WSPR B	500	Springfield, Mass. Quincy A. Brackett, Pres. 7:00 AM-12:00 Mid.
WAYZ B	5000	Detroit, Mich. 6:30 AM-12:00 Mid.
VEAX UW	500	Oaxaca, Oax.
XEBA UW	250	Guzman, Jal.
XEOH	150	Camargo, Chih.
XEFM	100	Leon, Gto.
XEGL UW	500	Navojon, Son.
XELQ	100	Morelia, Micho.
XEME	500	Merida, Yuc.
NDYF	75	Wuhu, China.
2SM	1000	Sydney, Australia.
....	1276	Varna, Bulgaria.
....*	1276	Juan les Pins, France.
....	1276	Frederikstad, Norway.
....	1276	Narvik, Norway.
....	1276	Notodden, Norway.

1280 KCS

CMHA	250	Sagua la Grande, Cuba. (Carrillo 31).
HJDA	1285	Medellin, Colombia. "Emisora Siglo XX."
HJGK*	W	Bucaramanga, Colombia. "Radio Santander."
KFOX	1000	Long Beach, Cal. Margaret Smith, Continuity. 8:00 AM-2:00 AM.
KIT M	1000	Yakima, Wash. H. B. Murphy, C. E. 9:00 AM-3:00 AM.
PRG3	10000	Rio de Janeiro, D. F., Brazil. "Radio Tupe"
WDSU B	1000	New Orleans, La. (CP-5000W.)
WGBF N	1000(5)	Evansville, Ind. Pat Roper, Pro. Dir. 7:00 AM-1:00 AM.
WHBI	2	Newark, N. J.
WKST	1000	New Castle, Pa. A. W. Graham, Mgr.
WMRO D	250	Aurora, Ill.
WOV	2	New York, N. Y. A. R. Bradley, Studio Supervisor.
WTCN B	1000(5)	Minneapolis, Minn. John Sherman.
XEAG	250	Cordoba, Ver. C.
XEBW	600	Chihuahua, Chih.
XEE UW	250	Durango, Dgo.
XELK	100	Zacatecas, Zac.
XERL	250	Colima, Col.
XESQ	100	San Miguel Allende, Hgo.
XEX	500	Monterrey, N. L.
XEXJ	100	Tuxtla Gutierrez, Chis.
XHHQ	80	Shanghai, China.
XHJA	100	Hangkow, China.
XQKC	100	Tientsin, China.
3AW	600	Melbourne, Australia.
....	1285	Graz, Austria.
....	1285	Klagenfurt, Austria.
....	1285	Aberdeen, Great Britain.
....	1285	Thessalonica, Greece.

NELZ-1440	XEQK-1250
XEMC-1590	XFQR-1030
XEMI-1550	XERC-790
XEMX-1380	XERH-1500
XEN-690	XESM-1470
XENK-620	XEST-1060
XEOF-560	XEUN-860
XEOY-1000	XEW-900
XEPH-590	.....-1180
XEQ-730	

DURANGO	XEL-1280
Durango	Gomez Palacio
XEDU-1400	XEMG-1310

GUANAJUATO	
Celaya	XEBO-1330
XENC-1540	XEWE-1420
.....-1090	Leon
Guajuato	XEFM-1270
NEJT-570	XERW-1390
Irapuato	XERZ-1240

GUERRERO	HIDALGO
Acapulco	San Miguel
XEKJ-1400	Allende
	XESQ-1280

JALISCO	XEHL-1370
Guadalajara	XEJB-1010
XEAD-1150	XELW-1340
XEAV-580	XEXN-1400
XED-630	.....-680
XEDK-1250	Guzman
XEHK-960	XEBA-1270

MEXICO	Toluca
Texcoco	XECH-1490
XENE-1450	XENS-1340

MICHOACAN	Uruapan
Morelia	XEUF-550
XELQ-1270	Zamora
XEI-1400	XEGC-1450
XESF-600	XEGT-1490

MORELOS	NAYARIT
Cuernavaca	Tepec
XEJC-1420	XERK-1450
XEY-980	XEXT-980

NUVO LEON	XEG-1050
Linares	XEH-1420
XER-1260	XEMR-1370
Monterrey	XET-990
XEFB-630	XEX-1280

OAXACA	Oaxaca	XEAX-1270
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PUEBLA	XEHR-1090
Puebla	Tezuitlan
XECD-1170	NETZ-1360

QUERETARO	XEJX-1450
Queretaro	.....-1300

SAN LUIS POTOSI	
San Luis Potosi	XEXQ-1400
XEBM-1260	Valles
XECZ-1430	.....-1340

SINALOA	
Culiacan	XECF-1410
XEGL-1260	Mazatlan
XEGF-1300	XEDS-1420
XESA-1360	XERJ-1320
Los Mochis	.....-1380

SONORA	
Agua Prieta	Naco
XERP-1190	XETM-1350
.....-610	Navojoa
Cananea	XEAJ-1400
XEPQ-980	XEGL-1270
XESY-1320	XENJ-1430
.....-1490	Nogales
Guaymas	XEHF-1370
XEDR-1490	XEQN-1540
Hermosillo	.....-1010
XEBH-920	Obregon
XEDL-1250	XEAP-1290
XEHQ-590	XEOX-1340
XEOP-960	
.....-1300	San Luis Rio
Magdalena	Colorado
XEDJ-1450	XEII-1450

1290 KCS

CMCH	2	250	Havana, Cuba. "Radio Popular." (Belascoain y San Jose).
CMCX	2	250	Havana, Cuba. "Radio Popular." (Belascoain y San Jose).
CMKD	1000		Santiago de Cuba. "Radioemisora Oriental." (Celda esq. a Marte).
CX38	5000		Montevideo, Uruguay. "Servicio Oficial de Difusion." (Mercedes 823).
HJCK		500	Bogota, Colombia. "Ecos del Tequedama."
KGVO	C	1000(5)	Missoula, Mont. Fred Wamble, C. E.
KHSL	M	1000	Chico, Cal. E. P. Milburn, C. E. 9:30 AM-2:00 AM.
KOIL	C	5000	Omaha, Neb.
KRGV	N	1000	Weslaco, Tex. 7:00 AM-1:00 AM.
KUOA	D	5000	Siloam Springs, Ark. Storm Whaley, Mgr. 5:00 AM-LS.
KVOA	N	1000	Tucson, Ariz. Andrew White, Pro. Dir. 6:55 AM-1:00 AM.
WFVA	BD	250	Fredericksburg, Va.
WHIO	C	5000	Dayton, Ohio. Ernest L. Adams, C. E. ?-12:15 AM.
WPKV	B	1000(5)	Hickory, N. C. 5:30 AM-?.
WHL	D	1000	Niagara Falls, N. Y.
WKVE	C	5000	Keene, N. H. ?-11:15 PM.
WVBF	CM	5000	Binghamton, N. Y. E. Ray McCloskey, Pro. Dir. 6:00 AM-12:05 AM.
WTOC	C	5000	Savannah, Ga.
XEAP		100	Obregon, Son.
XEDA		1000	Mexico City, D. F.
XGOE		1000	Nanking, China.
4BK		500	Brisbane, Australia.
....		1294	Freiburg, Germany.

1300 KCS

CB130		2500	Santiago, Chile. "Radio la Americana." (Casilla 13155).
CMAN	AV	1000	Pinar del Rio, Cuba. (C. Central, km. 174-1) Camaguey, Cuba. (Republica No. 88).
CMJF	R	250	La Paz, Bolivia. "Radio Comercio."
CP18	W	50	Cali, Colombia. "La Voz de Colombia."
HJEC		500	Mason City, Iowa. 6:00 AM-3:30 AM.
KGLO	C	5000	Seattle, Wash. J. D. Bernard, C. E. 24 hrs. daily. (Silent Mon. 3 AM).
KOL	M	5000	Colorado Sprinze, Colo. ?-1:30 AM.
KVOR	C	1000	Mar del Plata, B. A., Argentina. "Radio Atlantica."
LU6	W	500	Sao Paulo, S. P., Brazil. "Sociedad Radio Cultura a Voz de Espaco."
PRE4		7000	Baltimore, Md. 6:00 AM-12:30 AM.
WFBZ	M	5000	Jackson, Miss.
WJDC	N	1000(5)	Grand Rapids, Mich. 6:30 AM-12:00 Mid.
WOOD	N	5000	Cullacau, Sin.
XEGF		100	Juarez, Chih.
XEP	UW	500	Tampico, Tams.
XES	UW	250	Maracaibo, Zulia, Venezuela. "Ecos del Zulia."
YVIRA	V	250	Asuncion, Paraguay. "Radio Livieres." (15 Agosto y Jejui).
ZP6		....	Hermosillo, Son.
....	P	250	Queretaro, Son.
....	P	100	Naples, Italy.
JINA1*	1303	10000	Shanghai, China.
XQHC		1000	Tamworth, Australia.
2TM*		2000	Danzig.
....	1303	500	Stolp, Germany.
....	1303	5000	

1310 KCS

CKCO		1000	Ottawa, Ont. 7:30 AM-10:45 PM.
CMJN	AV	1000	Jovellanos, Cuba. (Kilometro 159.9).
HJAK		500	Barranquilla, Colombia. "La Voz de la Patria."
HJFO		100	Libano, Colombia. "Ondas del Ruiz."
KFBF	C	5000	Great Falls, Mont.
KLS		1000	Oakland, Cal. 24 hours daily. (Silent Mon. 3 AM-?).
LS11		30000	La Plata, B. A., Argentina. "Radio Provenencia de Buenos Aires."
TGI		....	Guatemala City, Guatemala. "Radio Morse"
WCAM	2	500	Camden, N. J.
WCAP	2	500	Ashbury Park, N. J.
WDOD	C	5000	Chattanooga, Tenn. J. C. Vessels, C. E. ?-1:00 AM.
WIBA	N	5000	Madison, Wisc.
WISH	B	1000(5)	Indianapolis, Ind. Stokes Gresham, Jr., C. E.
WORC	B	1000	Worcester, Mass.
WRR	M	5000	Dallas, Tex.
WTNJ	2	500	Trenton, N. J. E. P. Knowles, C. E.
XEC		250	Tijuana, B. Cta. 1:00 PM-2:30 AM.
XEHV		1000	Veracruz, Ver. C.
XEMG		250	Gomez Palacio, Dgo.
SEC*	1312	2500	Malmo, Sweden.
SBI	1312	250	Norrkoping, Sweden.
SBJ	1312	250	Trollhattan, Sweden.

TABASCO Villahermosa-970

TAMAULIPAS	
Madero	NELJ-1260
NETR-1490	NENT-1140
Matamoros	Reynosa
NEAM-1400	NEAW-1570
NEO-970	NEKN-1390
NEXP-1450	NERT-590
Nuevo Laredo	Tampico
NEBK-1340	NECA-980
NEDF-790	NEFW-810
NEFF-960	NES-1300
NELC-1410	XETU-1460
NELF-1380	Victoria
NELH-1460	NEBJ-1450

TLAXCALA Tlaxcala XEXZ-1480

VERA CRUZ	Orizaba
Coatzacoalcas	NEPP-1450
NEFZ-1340	NEFH-580
Cordoba	NETQ-1370
NEAG-1280	Tuxpan
NECW-1340	NETL-1390
Jalapa	Veracruz
NEJA-1400	XEHV-1310
NEJW-1490	XELI-1430
NEKL-550	XELR-610
Minatitlan	XETF-1250
NEDW-1260	NEU-960

YUCATAN	
Merida	XEMH-1400
NEFC-1340	XEMQ-1240
NEFK-1450	NEZ-600
NEME-1270	Progreso
	NEOK-1430

ZACATECAS	
Fresnilo	Zacatecas
NEMA-1340	NELK-1280

CUBA

Banes	CMCJ-1580
CMKX-1390	CMCK-980
Caibarien	CMCM-1060
CMHI-1560	CMCO-1230
Camaguey	CMCQ-760
CMJA-1060	CMCR-1580
CMJC-1340	CMCU-1190
CMJE-1230	CMCW-1230
CMJF-1300	CMCN-1290
CMJK-1160	CMCY-590
CMJL-920	CMK-830
CMJN-740	CMOA-1360
CMJW-1440	CMOX-1490
Camajuani	CMQ-690
CMHO-1250	CMW-550
Cardenas	CMX-1010
CMGE-1470	CMZ-1260
Ciego de Avila	CMZ-1-660
CMJH-1370	Holguin
CMJI-1400	CMKF-1490
CMJM-1270	CMKG-1050
CMJO-1470	CMKJ-970
Cienfuegos	CMKO-1220
CMHJ-1350	CMKV-600
CMHM-1450	Jovellanos
Cruces	CMGN-1310
CMHK-1380	Manzanillo
Guanajay	CMKE-1320
CMAC-1370	CMKM-560
Guantanamo	Matanzas
CMKH-1130	CMGF-1240
CMKS-900	CMGH-1440
Havana	Nuevitas
CMBA-1420	CMJQ-1580
CMBC-790	Palmo Soriano
CMBD-1460	CMKZ-1430
CMBF-730	Pinar del Rio
CMBG-1390	CMAB-1450
CMBH-1540	CMAN-1300
CMBL-860	CMQA-810
CMBQ-1150	Placetas
CMBS-1090	CMPI-1320
CMBX-1390	Puerto Padre
CMBY-1120	CMKY-1350
CMBZ-650	Sagua la Grande
CMC-1360	CMHA-1280
CMCA-1490	San Luis Oriente
CMCB-1330	CMKQ-1460
CMCD-630	Sancti Spiritus
CMCF-1460	CMHB-1410
CMCG-1460	Santa Clara
CMCH-1290	CMHI-570

SBK	1312	250	Karlstad, Sweden.
4ZB		1000	Dunedin, New Zealand.
5AD		500	Adelaide, Australia.
1320 KCS			
CB132		1000	Valparaiso, Chile. "Radio Wallace." (Blanco 1116).
CD132		100	Valdivia, Chile. "Radio Valdivia." (Casilla 758).
CMHP		250	Placetas, Cuba. (le del Norte est. le y 2e Oeste).
CMKE		250	Mauzanillo, Cuba. (Maso esq. a Loma).
CW39		100	Paysandu, Uruguay. "La Voz de Paysandu." (18 de Julio 614).
HJDQ		1000	Medellin, Colombia. "Emisora Claridad."
KDYL	N	5000	Salt Lake City, Utah. 8:00 AM-3:00 AM.
KXYZ	BM	5000	Houston, Tex. Alfred Haubold, Op. 6:00 AM-3:00 AM.
LT10		500	Santa Fe, S. E., Argentina. "Radio del Inst. Social de la Universidad Litoral."
OAX41		250	Lima, Peru. "Radio Internacional." (Plumeros 372 Altos).
PRD8		4000	Niteroi, R. de J., Brazil.
PRE9		2000	Portaleza, Ceara, Brazil.
PRH4		1000	Pelotas, R. G. S., Brazil.
WATR	BM	1000	Waterbury, Conn. 7:00 AM-12:00 Mid.
WEBC	N	5000	Duluth, Minn. 7:25 AM-1:00 AM.
WJAS	C	5000	Pittsburgh, Pa. Walter W. McCoy.
WJHP	B	250	Jacksonville, Fla. 6:00 AM-?
WNHZ	BD	100	Saranac Lake, N. Y.
WNEI	W	5000	San Juan, P. R. ?-10:15 PM.
XEAI		500	Mexico City, D. F.
XERJ	UW	500	Mazatlan, Sin.
XESY		200	Cananea, Son.
HAE2	1321	1250	Magyarovar, Hungary.
XLIA		15	Ningpo, China.
3BA		500	Ballararat, Australia.
6PM		500	Perth, Australia.
....	1321	....	Antibes, France.

1330 KCS			
CC133		100	Chillan, Chile. "Radio La Discusion."
CMCB		250	Havana, Cuba. "La Metropolitana." (Tulipan 203, Cerro).
CX40		500	Montevideo, Uruguay. "Radio Fenix." (18 de Julio 965).
HJAA		500	Barranquilla, Colombia. "Ecos de la Costa"
HJCN	1335	500	Bogota, Colombia. "Ondas de los Andes"
KALE	M	5000	Portland, Ore. 9:45 AM-3:00 AM.
KFAC		1000	Los Angeles, Cal. Lila Hull. 24 hours daily
KFH	C	5000	Wichita, Kans.
PRC4		500	Blumenau, Santa Catarina, Brazil.
PRF7	W	2000	Campos, R. de J., Brazil. "Radio Cultura de Campos."
WBRR	2	1000	Brooklyn, N. Y.
WEVD	2	5000	New York, N. Y. Gene King, Ch. Amer. ?-12:05 AM.
WFBC	N	5000	Greenville, S. C. Norvin C. Duncan, jr., Pro. Dir.
WFIN	D	1000	Findlay, Ohio. Edgar C. Smith.
WHAZ	2	1000	Troy, N. Y. Anne V. Duffy. Monday only, 6 PM-1 AM.
WHBL	M	250(1)	Sheboygan, Wis.
WLOL	M	1000	Minneapolis, Minn.
XEBO	UW	500	Irapuato, Gto.
XEKS		100	Saltillo, Coah.
ZP10	....	....	Asuncion, Paraguay. "Radio Guaranía."
VUU	1333	300	Dehra Dun, India.
XGSA		10	Kiangyin, China.
XLIK		75	Chang Chow, China.
ZHL	1333	2000	Singapore, Straits Settlements.
3SH		200	Swan Hill, Australia.
4BU		500	Bundaberg, Australia.
....	1339	5000	Montpelier, France.
....		2000	Bremen, Germany.
....		2000	Plansburg, Germany.
....		2000	Hanover, Germany.
....		500	Magdeberg, Germany.
....		2000	Stettin, Germany.
....	1339	10000	Lodz, Poland. (German-operated "Litzmannstadt").
....	1339	5000	Nowogrodek, Poland.

1340 KCS			
CB134		1000	Santiago, Chile. "Radio Condor." (Casilla 4650).
CFGP		250	Grande Prairie, Alta. (CP-1350 kes.) 11:45 AM-1:00 AM.
CHAD	F	250	Amos, Que. 8:00 AM-12:00 Mid.
CHOV		250	Pembroke, Ont. E. G. Archibald, Mgr. 7:30 AM-10:15 PM.
CHWK	F	100	Chilliwack, B. C. 10:00 AM-1:30 AM.
CJLS	F	100	Yarmouth, N. S. 7:00 AM-11:00 PM.
CKVC	F	100	Quebec, Que. 7:30 AM-11:30 PM.
CMJC		250	Camaguey, Cuba. (Ave. de la Libertad 3).

CMHQ—800	CMKN—930
CMHW—960	CMKR—1090
CMHX—1480	CMKU—720
Santiago de Cuba	CMKW—1000
CMKC—1250	Trinidad
CMKD—1290	CMHT—990

SMALLER COUNTRIES

BAHAMAS	Nassau ZNS—640
COSTA RICA	TIJMP—855
Alajuela	TIJSM—1150
TIJJM—575	TIJ—775
Cartago	Timacho—1100
TIMC—735	TINBC—1070
Heredia	TIOS—940
TIANRH—710	TIPG—625
Puntarenas	TIRCC—1200
TIWS—900	TIRH—970
San Jose	TIRM—1040
TICQ—750	TIRS—920
TIEP—830	San Juan de Tibas
TIFA—1000	TIBAS—655
TIGH—690	San Pedro
TIGPH—605	TILS—880
TIGPH2—800	

DOMINICAN REPUBLIC	EL SALVADOR
Trujillo	San Salvador
HIX—950	YSP—780
HIZ—1350	YSP—1560
HISQ—1470	YSS—640

GUATEMALA	HAITI
Guatemala City	Leogane
TGW—610	HHK—1080
TGWC—1520	Port-au-Prince
TGX—1400	HHW—1230
TGI—1310	HONDURAS
Quezaltenango	Tegucigalpa
TGQ—1450	HRN—1450

MARTINIQUE	Port de France—1500
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NEWFOUNDLAND	St. John's
Corner Brook	YOCCM—1010
VOWN—850	VONF—640
	VOWR—600

NICARAGUA	YNLG—920
Managua	YNOW—1230
YNDS—1180	YNPH—660

PANAMA	HOC—1440
Colon	HOQ—1250
HOK—640	HPC—1360
Panama City	HP5C—720

ST. PIERRE & MIQUELON	St. Pierre	FQN—670
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The Potent LIQUID Vapor Salve relieves Arthritis, Neuritis, rheumatism, etc. More penetrating, searching and quicker-acting than salves for the treatment of colds and congestion, pulmonary and bronchial ailments. Now in three sizes, 35c, 60c, \$1.00 prepaid. Agents write.

THE MEN-KOL COMPANY
Toms River New Jersey

CW19	W	50	Rocha, Uruguay. "Difusora Rochense." (Gral. Artigas esq. Uruguay).
CW19A		60	Rivera, Uruguay. "Radio Charrua." (Ituzaingo 574).
HCQR	V	250	Quito, Ecuador. "Radio Quito."
HJEF		500	Call, Colombia. "La Voz de Higueroia."
KAND		250	Corsicana, Tex. E. R. Hellums, C. E. 7:30 AM-12:00 Mid.
KBND		250	Bend, Ore. Bob Dickenson, C. E.
KCKN		250	Kansas City, Kans. P. Salyer, Tech. Dir.
KCRJ		250	Jerome, Ariz. Wayne Fernyhough.
KFRE	M	250	Fresno, Cal. Sheldon Anderson, C. E. ?-5:30 AM.
KFYO		250	Lubbock, Tex. Mildred Bennett.
KGEZ		100	Kalispell, Mont. Don Gorman, C. E. 7:00 AM-10:00 PM.
KGFW		250	Kearney, Neb. Jack B. Lewis, C. E.
KHMO	B	250	Hannibal, Mo. Warren E. McFadden, C. E.
KHUB		250	Watsonville, Cal. Harvey Segling, C. E. 10:00 AM-1 AM.
KMYR		250	Denver, Colo.
KOCY	M	250	Oklahoma City, Okla. G. W. Brock, C. E.
KOME	BM	250	Tulsa, Okla.
KPDN		100	Pampa, Tex. Elleta Bullard.
KRBA		250	Lufkin, Tex. Darrell E. Yeates, C. E.
KRJE		250	Miles City, Mont. J. A. Elliot. 24 hrs. daily.
KRMD	B	250	Shreveport, La.
KROC	N	250	Rochester, Minn.
KROS		250	Clinton, Iowa. Gilbert S. Andrew, C. E.
KSUB		100	Cedar City, Utah. Leland Perry.
KUIN	M	250	Grants Pass, Ore.
KVIC		250	Victoria, Tex.
KVOL		250	Lafayette, La. Clovis Bailey, Eng. 8:00 AM-9:00 PM.
KVOX	M	250	Moorhead, Minn.
KVSF	C	100	Santa Fe, N. M. Charles Rennington, C. E.
KWFC	M	250	Hot Springs, Ark.
KWLM	M	250	Willmar, Minn.
KWOC		250	Poplar Bluff, Mo.
KXRO	M	250	Aberdeen, Wash. James Knokey. 10:00 AM-1:30 AM.
LT7	V	1000	Corrientes, Corr., Argentina. "Radio Pro- vencia Corrientes."
PRH6		4500	Bello Horizonte, M. G., Brazil.
WAIR	BM	250	Winston-Salem, N. C. 6:00 AM-12:00 Mid.
WALL		250	Middletown, N. Y. Martin Karig, Jr.
WAML	N	250	Laurel, Miss. 7:30 AM-11:15 PM.
WBRE	N	250	Wilkes-Barre, Pa. ?-1:00 AM.
WBRK	M	250	Pittsfield, Mass. N. H. Blake, C. E.
WBRV		250	Welch, W. Va.
WCBI	M	250	Columbus, Miss.
WCLS		250	Joliet, Ill.
WCMI	M	250	Ashland, Ky. Warren Davis, Mgr.
WDAK	BM	250	Columbus, Ga.
WDMJ		250	Marquette, Mich.
WEBR	B	250	Buffalo, N. Y. Raymond Lamy, Tech.
WEIM	M	250	Fitchburg, Mass. 6:00 AM-?
WEMP	B	250	Milwaukee, Wis. Conrad Rice. ?-1:30 AM.
WEXL		250	Royal Oak, Mich. Garnet Sparks, Kirk Knight. 24 hours daily.
WFBG	N	250	Altoona, Pa.
WFHR	M	250	Wisconsin Rapids, Wis.
WFIG	B	250	Sumter, S. C. 7:30 AM-11:05 PM.
WGAA		250	Cedartown, Ga. R. W. Rounsiville.
WGAU		250	Athens, Ga. M. C. Gorman, Mgr.
WGH	B	250	Newport News, Va. 6:00 AM-?
WGTM	M	250	Wilson, N. C.
WHAT	2	100	Philadelphia, Pa.
WINX		250	Washington, D. C. 6:00 AM-1:00 AM.
WIZE	B	250	Springfield, Ohio. 6:45 AM-3:00 AM.
WJPF		250	Herrin, Ill. George Brunmley, C. E.
WJPR		250	Greenville, Mass.
WKKEY	B	250	Covington, Va.
WLAJ	N	250	Lakeland, Fla. S. O. Ward.
WLAZ	BM	250	Grand Rapids, Mich. 8:00 AM-1:00 AM.
WLBC	C	250	Muncie, Ind. D. A. Burton, Owner.
W73.3	M	250	Bowling Green, Ky.
WLNH	M	250	Laconia, N. H.
WMBO		250	Auburn, N. Y.
WMPF	B	250	Plattsburg, N. Y. Jack Nazak, C. E.
WNBH	BM	250	New Bedford, Mass. H. R. Norman.
WRAW	N	250	Reading, Pa.
WSAJ	G	100	Grove City, Pa.
WSAV	N	250	Savannah, Ga.
WSOY	C	250	Decatur, Ill. Allan Doyle, C. E. 7:00 AM-12:00 Mid.
WSTV	M	250	Steubenville, Ohio. Joseph M. Troesch, C. E. 6:50 AM-1:03 AM.
WTAL		100(.25)	Tallahassee, Fla.
WTEL	2	100	Philadelphia, Pa.
WTRC		250	Elkhart, Ind.
WWPG	BM	250	Palm Beach, Fla.
XEAA		250	Mexicali, B. Cfa.
XEBK		100	Nuevo Laredo, Tams.
XECW	UW	250	Cordoba, Ver. C.
XEDH		250	Villa Acuna, Coah.

REGULAR TEST PROGRAMS

For the benefit of newcomers to the hobby these test programs provide opportunity to log stations which otherwise might not be heard due to congested conditions on their particular channel during their regular broadcast period. Since many of the frequencies are clear of interference during these tests, stations with very low power at a great distance from the listener are often heard.

A List Of All Known Frequency Check and Regular Test Programs (All Time is AM, EWT)

FIRST SUNDAY			
4:00-4:15	1230	WESX, Mass.	
4:00-4:15	1340	KUIN, Ore. (quarterly test (Jan., Apr., July & Oct.))	
1:30-1:45	1230	KADA, Okla.	
2:00-2:30	1450	WAOV, Ind.	
3:00-3:30	1230	WGBT, N. C.	
		1450	WGL, Ind.
3:15-3:45	1340	WCMI, Ky.	
3:30-4:00	1340	KMYR, Colo.	
3:30-4:00	1090	KEVR, Wash.	
3:45-4:00	1340	WBRK, Mass.	
4:00-4:30	1400	WDEF, Tenn.	
5:00-5:30	1400	KTEM, Tex.	
5:30-5:45	1230	KHAS, Neb.	
5:45-6:00	1240	WSNJ, N. J.	
FIRST TUESDAY			
2:30-3:00	1400	KWON, Okla.	
		1490	KBON, Neb.
2:45-3:00	1230	WDSM, Wisc.	
3:00-4:00	1340	KRJE, Mont.	
4:30-5:00	1240	KAVE, N. M.	
6:30-6:45	1450	WKIP, N. Y.	
FIRST WEDNESDAY			
3:00-3:15	1400	KTTS, Mo.	
3:15-3:30	1400	WSAU, Wisc.	
3:25-3:40	1450	WSPB, Fla.	
3:30-4:00	1340	KHMO, Mo.	
4:00-4:30	930	WSAZ, W. Va.	
4:15-4:30	1280	KIT, Wash.	
5:30-6:00	1450	KWBW, Kans.	
FIRST THURSDAY			
2:00-2:30	1400	WFOR, Miss.	
		1450	KTRI, S. D.
2:15-2:30	1400	WHYN, Mass.	
2:30-2:45	1230	WSOO, Mich.	
2:45-3:00	1240	KGBS, Tex.	
2:55-3:10	1250	WTMA, S. C.	
3:00-3:30	1340	WBLJ, Ky.	
3:30-4:00	1400	KTTS, Mo.	
3:35-3:50	1230	WRBL, Ga.	
3:50-4:05	1240	WGGG, Ga.	
4:00-4:15	1490	WJMJ, Ga.	
FIRST FRIDAY			
2:00-2:30	1370	KGNO, Kans.	
2:30-2:45	1180	WLDS, Ill.	
2:45-3:00	1490	WGTC, N. C.	
		1230	WBOC, Md.
3:00-3:15	1240	KWAT, S. D.	
3:00-3:20	1490	KTBI, Wash.	
3:15-3:30	1400	KRLC, Ida.	
3:30-4:00	1360	KSCJ, Iowa	
4:00-4:15	1240	KYUM, Ariz.	
4:05-4:20	1400	WTCM, Mich.	
4:10-4:25	1460	WRNS, Ga.	
4:30-5:15	1450	KVAL, Ida.	
5:15-5:30	1340	WFHR, Wisc.	
6:30-7:00	1490	KBUR, Iowa	
FIRST SATURDAY			
1:00-1:15	1450	WASK, Ind.	WHYN
2:30-3:00	1450	WFGP, N. J.	2345
3:00-3:30	1400	KVGB, Kans.	2345
3:30-4:00	1400	WMGA, Ga.	2345
5:00-5:30	1230	KFDA, Tex.	1400
SECOND SUNDAY			
2:00-2:30	1400	KFRU, Mo.	
3:00-3:15	1290	KGVO, Mont.	
SECOND MONDAY			
1:00-1:15	1450	WMAS, Mass.	
1:45-2:00	1450	WILM, Del.	
2:00-2:15	620	WCAX, Vt.	
2:00-3:00	1340	KGFW, Neb.	
2:30-2:45	1400	KVKD, Iowa	
3:00-3:10	1230	WAIM, S. C.	

XEFC	250
XEFZ	250
XEJK	100
XELAV	250
XEMA	100
XEOX	250
XEYS	100
.....	P 100
HPD	1348 250
LKR	1348 150
XHHR	50
2LF	300
2RN	1348 1000
6TZ	1000
.....	1348 2000
.....	500
.....	1348 800
.....	1348 2000
.....	1348
.....	1348 5000

1350 KCS

CFGP	P	250
CMHJ		250
CMKY		100
CP29		100
HC2CW		200
HIZ	V	200
HJFF	V	1000
HJHA		500
KGHF	B	500
KID		500(5)
KRRT	C	5000
KSNT		1000
LS6		6000
PR19	W	100
WADC	C	5000
WORK	MN	1000
WSMB	N	5000
XEQK		1000
XETB		500
XETM		1000
YV4RA	W	830
IAN	1357	1000
IIBA2	1357	1000
IIGF2	1357	5000
IIMI2	1357	4000
IIRO3	1357	1000
IITQ2	1357	5000
LKN		250
XGOU		100
XQKA		150
3GL		500
4GY		200
.....		500

1360 KCS

CD136		100
CMC	2	250
CMOA	2	250
CP28		150
CW41		50
HJDC		500
HJGN		1000
HPC	.....
KBG	M	1000
KMO	M	5000
KRIS	MN	1000
KSCJ	B	5000
PRCS		30000
WDIC	C	5000
WKAT	B	1000
WSAI	B	5000
WTAQ	C	5000
XEBI	UW	250
XESA	UW	500
XETZ		250
ZP5	V	100

Merida, Yuc.
Coahuacalcos, Ver. C.
Delicias, Chih.
Guadalajara, Jal.
Fresnillo, Zac.
Obregon, Son.
Toluca, Mex.
Valles, S. L. P.
Padua, Italy.
Rjukan, Norway.
Shanghai, China.
Young, Australia.
Dublin, Eire.
Dardanup, Australia.
Moravska-Ostrava, Czechoslovakia. (Ger-operated "Maehrisch-Ostrau").
Cairo, Egypt.
Paris, France. "Radio Vitus."
Konigsburg, Germany.
Bengasi, Libya.
Tarnopoj, Poland.

Grande Prairie, Alta. (At present on 1340 Kes.)
Cienfuegos, Cuba. (Santa Cruz 96).
Puerto Padre, Cuba. (Ave de la Libertad esq. a Baire).
La Paz, Bolivia. "Radio Fides."
Guayaquil, Ecuador.
Trujillo, Dominican Rep. "Broadcasting Nacional."
Pereira, Colombia. "Ondas del Otun."
Pasto, Colombia. "Radio Narino."
Pueblo, Colo. J. McGill, Pro. Dir.
Idaho Falls, Ida. Josh W. Endicott. 10:30 AM-1:00 AM.
Des Moines, Iowa. 7:00 AM-1:00 AM.
Santa Rosa, Cal. Will Gunzenderfer, Mgr. 9:30 AM-1:00 AM.
Buenos Aires, D. F., Argentina. "Radio del Pueblo." (Cordoba 1580).
Vitoria, Esp. Sto. Brazil. "Radio Club do Esperito Santo."
Akron, Ohio. 6:30 AM-1:00 AM.
York, Pa. Philip Rohrbaugh, C. E. 7-12:05 AM.
New Orleans, La.
Mexico City, D. F.
Torreon, Coah.
Neco, Son.
Valencia, Carabobo, Venezuela. "La Voz de Carabobo."
Ancona, Italy.
Bari, Italy.
Genoa, Italy.
Milan, Italy.
Rome, Italy.
Turin, Italy.
Notodden, Norway.
Kiangsu Prov., China.
Tientsin, China.
Geelong, Australia.
Gympie, Australia.
Kimberley, U. So. Africa.

3:00 3:15 1400	WABY, N. Y.
3:10-3:20 1230	WAYX, Ga.
3:15-3:30 1400	WRDO, Me.
3:20-3:30 1230	WJBW, La.
3:30-3:40 1230	WMOB, Ala.
3:40-3:50 1230	WDLF, Fla.
4:00-4:30 1400	WATW, Wisc.
4:05-4:20 1340	WMBO, N. Y.
4:15-4:30 1400	KVRS, Wyo.
4:20-4:35 1340	KVON, Minn.
4:30-4:45 1400	KFPW, Ark.
4:35-4:50 1450	KNET, Tex.
4:40-4:55 1230	WBBZ, Okla.
.....	WHBC, Ohio
4:45-5:00 1260	KFGQ, Iowa
4:50-5:05 1450	KRBC, Tex.
5:05-5:20 1420	KABR, S. D.
5:10-5:25 1230	KGEK, Colo.
5:20-5:35 1450	WMBH, Mo.
5:35-5:50 1450	KABC, Tex.
6:25-6:50 1490	KRNR
6:55-7:10	KVBC, Calif.

SECOND TUESDAY

2:55-3:10 1210	WRAL, N. C.
3:00-3:15 1450	WHIT, N. C.
3:10-3:25 1400	WSAM, Mich.
3:15-3:30 1400	KIUP, Colo.
3:25-3:40 1240	WJMC, Wisc.
3:30-3:45 1480	WRDW, Va.
3:30-3:50 1230	WLVA, Ga.
3:45-4:00 1400	WPAY, Ohio
3:55-4:10 1190	WDNC, N. C.
3:50-4:05 1240	KICD, Iowa
3:55-4:10 1340	KWOC, Mo.
4:00-4:10 1230	WAFR, N. C.
4:00-4:15 1340	WAIR, N. C.
4:00-4:30 1230	WFTC, N. C.
4:05-4:20 130	KAND, Tex.
4:10-4:25 1210	KOVO, Utah
.....	WLBC, Ind.
4:15-4:30 1400	KELD, Ark.
4:30-5:00 930	WRRF, N. C.
4:30-4:45 1400	KGKI, Tex.
4:30-5:00 1450	WGNC, N. C.
4:40-4:55 1350	WADC, Ohio
4:35-4:50 1450	KCMC, Tex.
4:45-5:00 1400	KTKO, Okla.
5:00-5:15 1240	KMAC, Tex.
5:00-5:30 1240	WJLS, W. Va.
5:20-5:30 1400	KLUF, Tex.
5:20-5:35 1340	KOCY, Okla.
5:25-5:40 1240	KDLR, N. D.
5:30-5:40 1440	WHIS, W. Va.
5:40-5:55 1230	KBTM, Ark.
6:10-6:25 1230	KOOS, Ore.
6:40-6:55 1230	KVOS, Wash.
6:00-6:15 1340	KBND, Ore.

SECOND WEDNESDAY

3:00-3:10 1240	WJBY, Ala.
3:05-3:15 1450	KRIC, Tex.
3:10-3:20 1240	WBIR, Tenn.
3:15-3:30 1340	WSAJ, Pa.
3:20-3:30 1240	WCOV, Ala.
3:30-3:40 1240	WGAC, Ga.
3:40-3:50 1240	WFOY, Fla.
3:50-4:00 1240	WAAO, Fla.
4:00-4:30 1240	KALB, La.
4:25-4:40 1230	WCLO, Wisc.
4:30-4:45 1400	WEOA, Ind.
4:40-4:55 1150	WTAW, Tex.
4:45-5:00 1240	KWRC, Ore.
.....	WJZE, Ohio
4:55-5:10 560	KFDM, Tex.
5:05-5:20 1490	KPLT, Tex.
5:10-5:25 570	KGKO, Tex.
5:15-5:30 1400	WDWS, Ill.
5:25-5:45 1230	WJBC, Ill.
5:35-5:50 1490	KGKY, Neb.

SECOND THURSDAY

3:15-3:30 1400	KTNM, N. M.
3:15-3:45 550	KPYR, N. D.
4:05-4:20 1490	KPLC, La.
4:15-4:30 1230	WCPO, Ohio
4:30-4:45 1400	WMSL, Ill.
4:30-4:45 1400	WFOR, Miss.
4:40-4:55 1270	KGCU, N. D.
4:50-5:05 1490	KOTN, Ark.
4:55-5:10 1450	WJMS, Mich.
5:00-5:15 1350	KGHF, Colo.
5:05-5:20 1490	KEEW, Tex.
5:15-5:30 1240	KHBB, Okla.
.....	KONO, Tex.
5:20-5:35 1490	KGKB, Tex.
5:25-5:40 1240	KASA, Okla.
5:35-5:50 1490	KNOW, Tex.
5:45-6:00 1230	KRLH, Tex.

Asuncion, Paraguay. "Radio Paraguay." (Estados Unidos 70).

XQHD	200
3MA	200
4PM	100
.....	1366 5000
.....	1366 10000

Shanghai, China.
 Mildura, Australia.
 Port Moresby, Papua.
 Stanislawow, Poland.
 Warsaw, Poland. (German-operated "Warschau-Stadt").

1370 KCS

CMAC	100
CMJH	250
CX42	500
HJA1	500
HJEN	500
KDTH	M 1000
KFRO	1000
KGIR	N 5000
KGNO	250(1)
OAX6C	V 250
PRD4	W 500
WCOA	N 500(1)
WFEA	N 5000
WPAB	1000
WSAY	MP 1000
WSPD	N 5000
NEA	UW 1000
XEHF	1000
XEHL	500
XEMR	500
XFTQ	UW 250
YVIRW	W 250
VUE4	1375 200
2MO	100
5SE	200
6GE	500
.....	1375 500
.....	1375 500

Guanajay, Cuba. (N. Aramburu 87).
 Ciego de Avila, Cuba. (H. Castillo 37).
 Montevideo, Uruguay. "Tribuna Sonora." (Julio Herrera y Obes 1493).
 Barranquilla, Colombia. "La Voz de Litoral."
 Cali, Colombia. "Radio Cultura."
 Dubuque, Iowa. K. S. Gordon. 7:00 AM-1:00 AM.
 Longview, Tex.
 Butte, Mont. Ed Graney. 9:45 AM-1:00 AM.
 Dodge City, Kans.
 Arequipa, Peru. "Radio Continental." (3er P. Teatro Municipal).
 Araraquara, S. P., Brazil. "Radio Cultura de Araraquara."
 Pensacola, Fla.
 Manchester, N. H. Donald G. Caswell, Pro. Dir.
 Ponce, P. R.
 Rochester, N. Y. (At present on 1240 kes.)
 Toledo, Ohio.
 Campeche, Cam.
 Nogales, Son.
 Guadaluajara, Jal. 7-2:30 AM.
 Monterrey, N. L.
 Orizaba, Ver. C.
 Coro, Falcon, Venezuela. "Radio Coro."
 Delhi, India.
 Gunnedah, Australia.
 Mount Gambier, Australia.
 Geraldton, Australia.
 Basel, Switzerland.
 Bern, Switzerland.

1380 KCS

CB138	W 5000
CKPC	100
CMHK	250
HJCJ	500
HJDR	500
KBWD	500(1)
KIDO	N 1000(2.5)
KTSM	N 500(1)
KWK	M 1000(5)
WAWZ	2 1000(5)
WBNX	2 5000
WMBG	N 5000
WSYB	M 1000
WTSP	M 500(1)
XELF	250
XEMX	500
.....	P 250
XLHE	50
XLHF	50
4BH*	1000
.....	1384 10000

Santiago, Chile. "Radio El Mercurio." (Campadia 1214).
 Brantford, Ont. 7:30 AM-12:00 Mid.
 Cruces, Cuba. (Heredia 61).
 Bogota, Colombia. "Radio Mundial."
 Medellin, Colombia. "La Voz del Triunfo."
 Brownwood, Tex. Travis D. Flatt, C. E.
 Boise, Idaho. Bonnie Scotland, O.G. Mgr. 9:00 AM-1:00 AM.
 El Paso, Tex. E. L. Gemaets, C. E. 8:30 AM-11:30 PM.
 St. Louis, Mo. Ray Dady. 7:00 AM-1:00 AM.
 Zarepath, N. J.
 New York, N. Y. W. C. Alcorn, Gen Mgr. 7-12:05 AM.
 Richmond, Va. Wilfred Wood.
 Rutland, Vt.
 St. Petersburg, Fla. Burl McCarty, Anner.
 Nuevo Laredo, Tams.
 Mexico City. D. F. 7-4:00 AM.
 Mazatlan, Sin.
 Shanghai, China.
 Shanghai, China.
 Brisbane, Australia.
 Memel, Lithuania.

1390 KCS

CMBG	2 1000
CMBX	2 250
CMKX	250
CP3	5000
CW45	W 60
HJER	1395 500
HJFD	V 500
KKRC	B 1000
KGER	5000
KLPM	M 1000
KSLM	1000
LR11	500
PRE5	W 1000
WCSC	C 500(1)
WFBL	C 5000
WGES	5000

Havana, Cuba. "Voz de Oro." (San Miguel 570).
 Havana, Cuba. (San Miguel 570).
 Bayamo, Cuba. (J. A. Saco 52).
 La Paz, Bolivia. "Radio Nacional." (Casilla 596).
 Trienta y Tres, Uruguay. "Difusora Trienta y Tres." (Basilio Araujo 103, esq. Andres Spikerman).
 Cali, Colombia. "Radio Comercial."
 Manizales, Colombia. "Radio Manizales."
 Enid, Okla. 7:30 AM-12:05 AM.
 Long Beach, Cal. Ronald Oakley, C. E. 10:00 AM-2:00 AM.
 Milot, N. D. Lillian Burke, Sec.
 Salem, Ore.
 La Plata, B. A., Argentina. "Radio Universidad Nacional de la Plata."
 Uberaba, M. G., Brazil. "Radio Sociedade do Triangulo Mineiro."
 Charleston, S. C. Wilbur Albee. 6:00 AM-12:05 AM.
 Syracuse, N. Y. 6:00 AM-12:05 AM.
 Chicago, Ill.

5:50-6:05	1340	KCRJ,	Ariz.
5:55-6:10	1290	KVOA,	Ariz.
6:05-6:20	1340	KHUB,	Calif.
7:10-7:25	1400	KTCU,	Ariz.

SECOND FRIDAY

2:00-2:15	1450	WMVA,	Va.
2:00-2:30	1400	KORN,	Neb.
2:50-3:00	1340	WLAK,	Fla.
3:00-3:10	1340	WGAU,	Ga.
3:10-3:20	1340	WDAK,	Ga.
3:15-3:30	1400	WBLK,	W. Va.
3:20-3:30	1340	WSAV,	Ga.
3:30-3:40	1340	WFLG,	S. C.
3:40-3:50	1340	WTAL,	Fla.
3:50-4:00	1340	WAML,	Miss.
3:55-4:10	1240	KWJB,	Ariz.
4:00-4:10	1340	KVIC,	La.
4:10-4:20	1340	KVIC,	Tex.
4:15-4:30	1460	WHEC,	N. Y.
4:30-4:45	1340	WSOY,	Ill.
4:35-4:50	1400	WBTH,	W. Va.
.....	1450	KATE,	Minn.
4:45-5:00	1400	WHLB,	Minn.
4:50-5:05	1490	WOMI,	Ky.
4:55-5:10	1230	KFJB,	Iowa
5:15-5:30	1400	KGFL,	N. M.
5:20-5:35	1450	KEUB,	Utah
5:25-5:40	1240	WEBQ,	Ill.
5:30-5:45	1400	KWYO,	Wyo.
5:55-6:10	1400	KOKO,	Colo.

SECOND SATURDAY

2:30-3:00	1230	WDSM,	Wisc.
3:30-3:45	1230	WTOL,	Ohio
3:40-3:55	1340	WBRW,	W. Va.
3:55-4:10	1490	KSAM,	Tex.
4:10-4:25	1240	WOMT,	Wisc.
4:20-4:35	1450	WLAX,	Ala.
4:20-4:40	1230	KYSM,	Minn.
4:40-4:55	1240	WTAX,	Ill.
4:55-5:10	1240	KPCA,	Tex.
5:05-5:20	1250	KPCAC,	Tex.
5:05-5:20	1400	WHBQ,	Tenn.
5:10-5:25	1240	KANS,	Kans.
5:15-5:30	1230	KMLB,	La.
5:20-5:35	1390	KLPM,	N. D.
5:25-5:40	1240	KVOS,	Okla.
5:30-5:45	1240	KWLC,	Iowa
6:00-6:15	1280	KIT,	Wash.
6:10-6:25	1240	KFJI,	Ore.
6:15-6:30	1340	KGEZ,	Mont.
6:25-6:40	1240	KGY,	Wash.
6:30-6:45	1340	KXRO,	Wash.
6:35-6:50	1480	KGCX,	Mont.

THIRD MONDAY

2:00-2:30	1450	WAOV,	Ind.
2:00-2:30	1400	WELL,	Mich.
2:40-2:50	910	WJHL,	Tenn.
2:30-2:40	1400	WARM,	Penna.
2:50-3:00	1290	KRGV,	Tex.
3:00-3:10	1150	WJBO,	La.
3:00-3:20	1340	WJPF,	Ill.
3:10-3:20	1390	WTJS,	Tenn.
3:20-3:30	990	WPRA,	P. R.
3:30-3:40	1370	WPAB,	P. R.
3:30-4:00	1340	KMYR,	Colo.
3:30-4:00	1450	KFAM,	Minn.
3:40-3:50	1420	WPRP,	P. R.
3:50-4:00	580	WIAC,	P. R.
4:00-4:15	1400	WORD,	S. C.
6:00-6:30	1150	KSWO,	Okla.

THIRD TUESDAY

3:00-3:30	600	KROD,	Tex.
3:00-4:00	1340	KRFJ,	Mont.
4:00-4:30	1230	KAST,	Ore.
.....	1400	KWKW,	W. Va.
4:30-4:45	1230	WISE,	N. C.

THIRD WEDNESDAY

3:00-4:00	1300	WOOD,	Mich.
3:00-3:10	1400	WCOS,	S. C.
3:00-3:15	1230	KWNO,	Minn.
.....	1450	WBOW,	Ind.
.....	1340	KWLM,	Minn.
.....	1450	WGL,	Ind.
.....	1490	WKBB,	Iowa
3:10-3:20	1400	WGBR,	N. C.
3:20-?	1240	KIUL,	Kans.
3:20-3:30	1400	WKPT,	Tenn.
3:40-3:50	1400	WAGE,	Fla.
3:50-4:00	1400	WMFD,	N. C.
4:00-4:10	1400	WMBR,	Fla.
4:00-4:15	1230	WLOF,	Fla.
5:30-6:00	1450	KWBW,	Kans.

THIRD THURSDAY

1:00-1:30	1400	WJZM,	Tenn.
3:00-3:30	1340	WGTM,	N. C.
.....	1400	KWFC,	Ark.

WQBC	BD	1000	Vicksburg, Miss. C. E. Drake, Eng.
WTJS	M	1000	Jackson, Tenn.
XEKN		250	Reynosa, Tams.
XEM		500	Chihuahua, Chih.
XERW		100	Leon, Gto.
XETL	UW	250	Tuxpan, Ver. C.
2GN		250	Goulburn, Australia.
4MK		100	Mackay, Australia.
1400 KCS			
CB140		100	San Antonio, Chile. "Radio Onda Azul." (21 de Mayo 756).
CFAR		100	Flin Flon, Man. (CP-1230 kes). 8:00 AM-12:00 Mid.
CFOS		250	Oven Sound, Out. 7:45 AM-9:15 PM.
CJLA	P	100	Sorel, Que.
CKCW	F	250	Moncton, N. B. 6:00 AM-12:00 Mid.
CKIR	F	250	Rouyn, Que. Dan Carr, Anncr. 8:00 AM-12:00 Mid.
CMJI		250	Ciego de Avila, Cuba. (Independencia 95).
CW46A	W	2000	Tacuarembó, Uruguay. "Difusora Zorrilla de San Martin." (18 de Julio 310).
HJAR*		500	Cartagena, Colombia. "Radio Colonial." Rafael Calvo M.
HJFL		250	Ibague, Colombia. "Ondas de Ibague."
KELD	B	250	El Dorado, Ark. F. E. Bollo. 7:45 AM-11:30 PM.
KENO	B	250	Las Vegas, Nev. B. Ketch. 11:00 AM-1:00 AM.
KFPW		250	Fort Smith, Ark.
KFRU	B	250	Columbia, Mo.
KFVS		250	Cape Girardeau, Mo.
KGFL		100	Roswell, N. M. (Does not verify).
KGKL	M	250	San Angelo, Tex.
KIUN		100	Pecos, Tex. W. D. Martin, Jr., Pro. Dir.
KIUP		250	Durango, Colo. John L. Antic, C. E. 9:00 AM-10:00 PM.
KLUF		250	Galveston, Tex. Lee Clough, C. E. 8:00 AM-11:00 PM.
KOBH		250	Rapid City, S. D.
KOKO		250	La Junta, Colo. Helen Roberts, Pro. Dir.
KONO		250	San Antonio, Tex. Fred Hammond, Pro. Dir. 6:00 AM-1:00 AM.
KORN		250	Fremont, Neb.
KRE		250	Berkeley, Cal. M. D. Hambly. 9:00 AM-2:05 AM.
KRKO	M	250	Everett, Wash. Roy C. Towne, C. E. 10:15 AM-2:00 AM.
KRLC		250	Lewiston, Ida. 6:30 AM-10:00 PM.
KSJB	M	250	Jamestown, N. D.
KTEM	BM	250	Temple, Tex. Paul Shaw, C. E.
KTNM		250	Tucumcari, N. M. Lester Q. Krasin, Mgr.
KTKOK	B	250	Oklahoma City, Okla. Clifford Easum, C. E. 7:30 AM-12:30 AM.
KTSW	M	250	Emporia, Kans.
KTTS	M	250	Springfield, Mo. G. Pearson Ward, Mgr.
KTUC	C	250	Tucson, Ariz. C. Livingston, operator. 8:00 AM-11:00 PM.
KVFD	M	250	Fort Dodge, Iowa.
KVGB	M	250	Great Bend, Kans.
KVRS		250	Rock Springs, Wyo.
KWLK	M	250	Longview, Wash. 9:00 AM-2:00 AM.
KWON	M	250	Barflesville, Okla. Martha Boucher, Pro. Dir. 7:45 AM-11:15 PM.
KWYO		250	Sheridan, Wyo. 7:00 AM-10:00 PM.
PRD5		1000	Rio de Janeiro, D. F., Brazil.
TGX		50	Guatemala City, Guatemala.
WABY	M	250	Albany, N. Y. H. E. Smith, Gen. Mgr.
WAGF	D	250	Dothan, Ala.
WARM	BM	250	Seranton, Pa. A. W. Oeschmann, C. E. 7:00 AM-12:00 Mid.
WATL	M	250	Atlanta, Ga. 6:00 AM-1:05AM.
WATW	M	100	Ashland, Wisc. H. Dahlbeck, C. E.
WBLK	N	250	Clarkburg, W. Va.
WBNY		250	Buffalo, N. Y. 7:00 AM-12:00 Mid.
WBTH		250	Williamson, W. Va. Alice Shein, Mgr.
WBTM	BM	250	Danville, Va.
WCBM	B	250	Baltimore, Md.
WCNC		250	Elizabeth City, N. C.
WCOS	BM	250	Columbia, S. C. Charles A. Thomas.
WDAS		250	Philadelphia, Pa.
WDEF	BM	250	Chattanooga, Tenn.
WDWS	C	250	Champaign, Ill.
WELL	B	250	Battle Creek, Mich.
WEOA	C	250	Evansville, Ind.
WEST	M	250	Easton, Pa.
WFOR	N	250	Hattiesburg, Miss.
WGBR	M	250	Goldsboro, N. C.
WGIL		250	Galesburg, Ill. 7:55 AM-8:30 PM.
WGRC	M	250	New Albany, Ind. (CP-Louisville, Ky.) Dale L. Emery, Asst. C. E.
WHBQ		250	Memphis, Tenn. E. Cage.
WHDF		250	Calumet, Mich.
WHLB	N	250	Virginia, Minn. V. A. Kestila, operator. 6:30 AM-11:00 PM.
WHUB		250	Cookesville, Tenn.

3:30-3:45	1490	KFFA, Mont.
THIRD FRIDAY		
3:00-3:10	1450	WGPC, Ga.
3:00-3:30	860	WSON, Ky.
3:10-3:20	1450	WGOV, Ga.
3:20-3:30	1450	WLSL, Miss.
3:30-3:40	1450	WCRS, S. C.
3:30-4:00	1230	WHOP, Ky.
3:40-3:50	1450	WHMA, Ala.
3:50-4:00	1490	WMRC, S. C.
4:00-4:10	1490	WOPT, Tenn.
4:10-4:20	1490	WHBB, Ala.
4:20-4:30	1490	WMOG, Ga.
5:00-5:15	1400	KWLK, Wash.
THIRD SATURDAY		
1:00-1:15	1450	WASK, Ind.
3:00-3:30	1490	WKRO, Ill.
4:00-4:15	1400	KICA, N. M.
FOURTH SUNDAY		
3:00-3:15	1290	KGVO, Mont.
FOURTH MONDAY		
3:00-3:15	1240	WINN, Ky.
FOURTH TUESDAY		
3:20-3:35	1450	KEUB, Utah
4:00-5:00	1230	WCED, Pa.
FOURTH WEDNESDAY		
3:00-3:15	1400	KTTS, Mo.
3:45-4:00	1230	WSKB, Miss.
4:00-4:15	1230	KPOW, Wyo.
FOURTH THURSDAY		
2:55-3:10	1340	WWPG, Fla.
3:30-4:00	1240	WIBU, Wisc.
3:40-4:00	1400	WHUB, Tenn.
FOURTH FRIDAY		
3:00-3:30	1340	WGAA, Ga.
		1490 WMRF, Pa.
3:30-4:00	1230	WHOP, Ky.
		1340 WSOY, Ill.
4:00-4:30	1340	WBRW, W. Va.
4:00-4:30	910	KPOF, Colo.
FOURTH SATURDAY		
3:00-3:15	1340	WJPR, Miss.
3:15-3:30	1230	KFUN, N. M.
3:45-4:00	1450	WLAY, Ala.
4:00-4:15	1340	WLAV, Mich.
LAST FRIDAY <i>for Kilo 14th Nov</i>		
2:40-3:00	1340	KROS, Iowa
4:00-4:20	1400	WGIL, Ill.
EVERY MONDAY		
3:45-4:00	1450	WRLC, Ga.
EVERY WEDNESDAY		
1:00-2:00	1230	KELO, S. D.
2:00-?	1280	WMRO, Ill.
3:00-3:15	1400	WRRN, Ohio
EVERY THURSDAY		
2:30-3:00	1490	WIGM, Wisc.
1st OF MONTH		
3:00-3:30	1230	KPHO, Ariz.
2nd OF MONTH		
3:00-4:00	1240	CHLT, Que.
17th OF MONTH		
3:30-4:00	1490	KEYS, Tex.
30th OF MONTH		
4:00-4:30	1380	WTSP, Fla.

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R. MILLER

112 Deforest Ave. Warren, Ohio

WHYN	M	250	Holyoke, Mass.
WINC	B	250	Winchester, Va.
WJAC	N	250	Johnstown, Pa.
WJHO	M	100,(25)	Opelika, Ala. T. Marion Hyatt.
WJLB		250	Detroit, Mich. E. H. Clark, C. E. 7:30 AM-1:00 AM.
WJLD		250	Bessemer, Ala. J. Leslie Doss, owner.
WJZM	M	250	Clarksville, Tenn. John H. Bailey, C. E.
WKMO		250	Kokomo, Ind.
WKPT	N	250	Kingsport, Tenn. George W. Upchurch, C. E. 6:30 AM-12:05 AM.
WKWK	C	250	Wheeling W. Va. 6:00 AM-?
WLLH	MS	100	Lawrence, Mass. K. F. Smith, C. E.
WLLH	MS	250	Lowell, Mass. K. F. Smith, C. E.
WMAN		250	Mansfield, Ohio. Perry L. Wilson C. S. 7:00 AM-11:00 PM.
WMBR	C	250	Jacksonville, Fla. Charles Stone, Pro. Dir. 6:30 AM-12:05 AM.
WMFD	B	250	Wilmington, N. C. 7:30 AM-11:00 PM.
WMGA		250	Moultrie, Ga. James Wilder, C. E.
WMIN		250	St. Paul, Minn. ?-11:15 PM.
WMNSL	M	250	Decatur, Ala. C. M. Elliot, C. E.
WORD	B	250	Spartanburg, S. C. 6:00 AM-1:00 AM.
WPAY	M	250	Portsmouth, Ohio. 7:00 AM-11:00 PM.
WRAC	N	250	Williamsport, Pa.
WRDO	N	250	Augusta, Me. Harold Dismore, C. E.
WRJN	M	250	Racine, Wisc.
WRRN		250	Warren, Ohio. ?-12:00 Mid.
WSAM	N	250	Saginaw, Mich.
WSAU	M	250	Wausau, Wisc. Roland W. Richardt, C. E.
WSLB		250	Ogdensburg, N. Y. Raymond E. Lafferty, C. E.
WSRR	B	250	Stamford, Conn. Stuart Leland, C. E. 7:00 AM-11:00 PM.
WTCM		250	Traverse City, Mich.
XEAJ		100	Navojoa, Son.
XEAM	UW	250	Matamoros, Tams.
XEDE	UW	250	Saltillo, Coah.
XEDU		150	Durango, Dgo.
XEI	UW	250	Morelia, Micho.
XEJA		250	Jalapa, Ver. C.
XEKJ	UW	250	Acapulco, Gro.
XEMH		250	Merida, Yuc.
XEPF		200	Ensenada, B. Cfa.
XESB		150	Santa Barbara, Chih.
XETX		100	Casas Grandes, Chih.
XEXN		250	Guadalajara, Jal.
XEXQ		100	San Luis Potosi, S. L. P.
YVIRC		700	Maracaibo, Zulia, Venezuela. "La Voz de la Fe."
YV4RE	V	1500	Valencia, Carabobo, Venezuela. "Radio Valencia."
YV6RA	V	1000	Ciudad Bolevar, Venezuela. "Ecos del Orinoco."
FFZ		250	Shanghai, China.
CBL	1402	1000	Umea, Sweden.
SBM	1402	1000	Hudiksvall, Sweden.
SBN	1402	500	Ornskoldsvik, Sweden.
SBQ	1402	200	Halsinborg, Sweden.
NLHO		100	Shanghai, China.
2PK		200	Parkes, Australia.
2ZA		500	Palmerston North, New Zealand.
5AU		200	Port Augusta, Australia.
....	1402	2000	Stara Zagora, Bulgaria.

1410 KCS

CA141		1000	Antofagasta, Chile. "Radio Antofagasta." (Casilla 439).
CC141		100	Concepcion, Chile. "Radio Patria." (Cau-dopolcan 370).
CKMO		100	Vancouver, B. C. Ross L. Whiteside, C. E. 11:00 AM-1:30 AM.
CMHB		250	Sancti Spiritus, Cuba. (Parque Serafin Sanchez 2).
CX44		250	Montevideo, Uruguay. "Radio Montevideo" (18 de Julio 965).
HJBH		500	Santa Marta, Colombia. "Radio Magdalena"
HJEI		100	Buga, Colombia. "Emisoras Guadalupe."
KERN	B	1000	Bakersfield, Cal. L. W. Brenner, C. E. 9:00 AM-3:00 AM.
KQV	B	1000	Pittsburgh, Pa. Cal T. Mara, Pro. Dept.
WALA	N	5000	Mobile, Ala. 7:00 AM-12:05 AM.
WEGO	D	1000	Concord, N. C. Wayne M. Nelson, owner.
WING	BN	5000	Dayton, Ohio. Jack Zeigin.
WKBB	N	1000	La Crosse, Wisc.
WNBC	B	5000	Hartford, Conn. Roger B. Holt, C. E.
XEBS		750	Mexico City, D. F.
XECF		500(1)	Los Mochis, Sin.
XELC		250	Nuevo Laredo, Tams.
2KO*		500	Newcastle, Australia.
....	1411	50	Uddevalla, Sweden.
....	1415	30	Sfax, Tunisia.
CS & CT 1410	....		Portugal. (Several Portuguese stations of 250 watts or less use this channel. They are CS1AA, CTIAN, CT1BO, CT1DH, CT1DR, CT1EV, CT1IV, CT1KM, and

LONGWAVE STATIONS

Reception of longwave stations is particularly good during the after dark hours in mid-winter. The radio listener must be cautioned that he must not expect to hear these stations on an ordinary receiver. Only a limited amount of commercial radio receivers are made to tune the longwave band which is beyond the low frequency end of a regular broadcast receiver. There are no broadcast stations in North America on this band, most activity centering in Europe and in Russia. As will be noted, many longwave stations use super power in order to overcome the reportedly poor carrying quality of signals on this band. The lack of interference and the high power used combine to make reception of foreign stations on this band not too difficult.

Kes., Call, Power, Location
150 OXF, 7000, Julianehaab, Greenland.
153 TAJ, 5000, Istanbul, Turkey.
155 LYX, 7000, Kaunas, Lithuania.
160, 120000, Kootwijk, Netherlands.
....., 150000, Bucharest, Roumania.
166, 220000, Lahti, Finland.
172 RW1, 500000, Moscow, USSR
182 TAR, 120000, Ankara, Turkey.
....., TFU, 30000, Reykjavik, Iceland.
183, 75000, Paris, France.
187.5 RW14, 20000, Irkutsk, USSR
191, 150000, Herzberg, Germany.
193 VQF, 1500, Kuchking, Sarawak.
200 RW8, 10000, Baku, USSR.
....., 150000, Droitwich, Great Britain.
208 RW10, 35000, Minsk, USSR.
216 SBG, 150000, Motala, Sweden.
217.5 RW76, 100000, Novosibirsk, USSR.
224, 500000, Warsaw, Poland.
227 RW62, 10000, Yakutsk, USSR
232 RW43, 100000, Moscow, USSR.
....., 200000, Luxembourg, ("Junglinster")
236, 60000, Kalundborg, Denmark.
248 RW14, 20000, Irkutsk, USSR
RW87, 100000, Brovary, USSR.
250 OXJ, 1700, Thorshavn, Greenland.
253, 10000, Kootwijk, Netherlands.
256.4 RW11, 25000, Tashkent, USSR.
260 LKA, 10000, Vigram, Norway.
....., LKB, 20000, Bergen, Norway.
....., LKO, 60000, Oslo, Norway.
271 RW53, 100000, Leningrad, USSR.
282 LKM, 10000, Tromso, Norway.
283 RW7, 35000, Tbilisi, USSR.
310 RW60, 10000, Alma-Ata, USSR.
....., 1000, Joensuu, Finland
333.3 RW66, 1000, Krasnoarsk, USSR.
....., RW81, 2000, Turktul, USSR.
340 RW3, 20000, Saratov, USSR.
RW54, 10000, Khabarovsk, USSR.
RW85, 2000, Igarka, USSR.

CT1MO in Lisbon; CS1BI, CS1CF, CS1IR, CS1IO, CS1RP, CS1RG, CT1SR and two unknown calls in Oporto; and CT1GO in Parede.)

1420 KCS

CMB A	250
CP27	50
CP36	50
CW43	500
HJAC	100
HJGA	1425
KABR	M 5000
KUJ	1000
WFCI	B 1000
WHK	M 5000
WOC	B 5000
WPRP	250
WWSR	D 1000
XEDS	500
XEF	250
XEH	1000
XEJC	100
XEON	2000
XEWE	100
11MI3	1429 1000
11NA2	1429 1000
11TO3	1429 1000
VUM	250
XMHD	1000
3XY	600
....	1429 500
....	1429 500
....*	10000
....	1429 500
....	1429 1000
....	1429
....	5000

1430 KCS

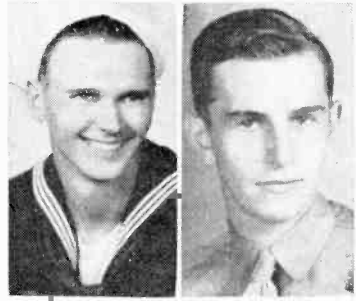
CC143	100
CHEX	1000
CMKZ	250
CW25	500
HJCV	100
HJEK	100
KARM	C 5000
KLO	M 5000
KTUL	C 5000
KWKW	D 1000
FRE2	5000
WBVN	500(1)
WIRE	N 5000
XEAQ	100
XECZ	UW 1000
XELI	250
XENJ	500
XEOK	100
YV4RL	300
ZP13	....
FT4AA	1438 350
HAZZ	1438 6250
XLJA	....
2WL*	500
3ZB*	1000
6KY	500

1440 KCS

CB144B	100
CB144C	100
CMGH	500
CMJV	250
HJAD	250
HOC	V 600

Havana, Cuba.
 Sucre, Bolivia. "Radio Pilot."
 Oruro, Bolivia. "Radio Mercurio."
 Lavalleya, Uruguay. "Radio Lavalleya." (25 de Mayo 535).
 Manangué, Colombia. "La Voz de Manangué."
 Tunja, Colombia. "Radio Boyaca."
 Aberdeen, S. D. Ailine Johnson, Pro. Dir. 8:00 AM-11:15 PM.
 Walla Walla, Wash. 10:00 AM-1:00 AM.
 Pawtucket, R. I. Howard Thornley, C. E. 5:55 AM-2:05 AM.
 Cleveland, Ohio. E. L. Gove, Tech. Supvrs. 6:45 AM-1:00 AM.
 Davenport, Iowa.
 Ponce, P. R.
 St. Albans, Vt. Edward S. Gagnon, C. E.
 Mazatlan, Sin.
 Juarez, Chih.
 Monterrey, N. L. "Radio Tarneva."
 Cuernavaca, Mor.
 Tijuana, B. Cfa. Señor Sierra. 12:00 Noon-1:00 AM.
 Irapuato, Gto.
 Milan, Italy.
 Naples, Italy.
 Turin, Italy.
 Madras, India.
 Shanghai, China.
 Melbourne, Australia.
 Danzig.
 Alexandria, Egypt.
 Helsinki, Finland.
 Kaiserlautern, Germany.
 Liepaja, Latvia.
 Tripoli, Libya.
 Maribor, Yugoslavia. (German-operated "Marburg-Steiermark").
 Talca, Chile. "Radio Atlantida." (Casino Estadio 4N 5P).
 Peterborough, Ont. Bertram Crump, C. E. 7:00 AM-12:00 Mid.
 Palma Soriano, Cuba. (E. Palma, Norte 10) Durazno, Uruguay. "Radio Durazno." (18 de Julio 592).
 Girardot, Colombia. "Radio Estrelia."
 Tulua, Colombia. "Radio Tulua."
 Fresno, Cal. R. M. Dorothy. 9:00 AM-3:15 AM.
 Ogden, Utah. W. D. Arcozeno, C. E. 8:30 AM-2:00 AM.
 Tulsa, Okla. 7:00 AM-12:30 AM.
 Pasadena, Cal. Marshall S. Neal. 10:00 AM-LS.
 Rio de Janeiro, D. F., Brazil. "Radio Vera Cruz."
 Brooklyn, N. Y.
 Indianapolis, Ind. Earl W. Lewis, C. E. 7-1:05 AM.
 Villa Acuna, Conh.
 San Luis Potosi, S. L. P.
 Vera Cruz, Ver. C.
 Navojon, Son.
 Progreso, Yuc.
 Maracay, Aragua, Venezuela. "Radio Maracay."
 Asuncion, Paraguay. "La Voz del Aire." (23 de Mayo, 576).
 Bizerte, Tunisia.
 Kosice, Czechoslovakia.
 Nanchang, China.
 Wollongong, Australia.
 Christchurch, New Zealand.
 Perth, Australia.

BAY STATERS



A couple of Massachusetts boys, sailor Hal Roble, recently graduated from Yeoman's School at Newport, R. I., and Pvt. Edward Laudansky in Hawaii since before Pearl Harbor.

- 347 LKD, 10000, Bodo, Norway.
- LKI, 5000(10), Finnmark, Norway.
- 350 RW36, 10000, Archangel, USSR.
- RW63, 10000, Oulan-Oude, USSR.
- 355 LLE, 5000(10), Finnmark, Norway.
- RW12, 20000, Rostov, USSR.
- 357 ONO, 1500, Skamlebak, Greenland.
- 359 HAL2, 18000, Budapest, Hungary.
- 364 RW19, 10000, Achkhabad, USSR.
- RW24, 2000, Smolensk, USSR.
- 375 RW5, 40000, Sverdlovsk, USSR.
- 380 RW21, 10000, Erevan, USSR.
- 390 RW25, 10000, Voronej, USSR.
- RW83, 1000, Oiroi-Toura, USSR.
- 392 SBS, 10000, Lulea, Sweden.
-, 30000, Banska Bystrica, Czechoslovakia.
- 401 RW27, 4000, Markhatch-Kala, USSR.
- 413.5 RW49, 100000, Moscow, USSR.
- 421.3 RW47, 2000, Stalinabad, USSR.
- 422 SP12, 50000, Luck, Poland.
- 433, 10000, Oulu, Finland.
- 436 RW37, 10000, Oufa, USSR.
- 442, 500(1.3), Geneva, Switzerland.
- 450 RW83, 1000, Oiroi-Toura, USSR.
- 461.5 RW45, 1000, Tehkalov, USSR.
- 471.7 RW41, 1000, Syktyvkar, USSR.
- RW44, 1000, Omsk, USSR.
- RW74, 5000, Tchekobskary, USSR.
- 517, 500, Tartu, Finland.
- 519 LKH, 700, Hamar, Norway.
-, 700(1), Innsbruck, Austria.
-, 700(1), Salzburg, Austria.
-, 700(1), Dornbirn, Germany.
-, 700(1), Nurnburg, Germany.
- 520, 50000, Barnowicze, Poland.
- 522 RW34, 10000, Stalingrad, USSR.
- 527, 18000, Kuopio, Finland.
-, 1000, Lappeenranta, Finland.
- 531, 5000, Brzeszen Bugiem, Poland.
- 536 IIBZ, 10000, Bolzano, Italy. (LYV), 50000, Wilno, Poland (Vilnius, Lithuania).

KFJM	D2	500(1)	Grand Forks, N. D.
KGNC	N	1000(5)	Amarillo, Tex.
KILO	CD2	500(1)	Grand Forks, N. D. H. Keese, C. E.
KMED	N	1000	Medford, Ore. 10:00 AM-?
KPRO	N	1000	Riverside, Cal. R. P. McGaughey. 9:00 AM-2:00 AM.
PRB2	W	2000	Curitiba, Par., Brazil. "Radio Club Paranaense."
PRE7	W	24000	Sao Paulo, S. P., Brazil. "Radio Cosmos."
WVAB	M	5000	Worcester, Mass. Mrs. Dorothy B. Robinson.
WBCM	B	500(1)	Bay City, Mich. 7:00 AM-1:00 AM.
WHIS	N	500(1)	Bluefield, W. Va. 5:00 AM-?
WROK	BM	500(1)	Rockford, Ill.
WSFA	N	500(1)	Montgomery, Ala. 7:00 AM-11:30 PM.
XEFI	UW	1000	Chihuahua, Chih.
XELZ		1000	Mexico City, D. F.
SCA	1447	200	Boras, Sweden.
SCI	1447	200	Kalmar, Sweden.
NLHQ		40	Deniliquin, Australia.
2QN		200	Shanghai, China.
4IP		200	Duswich, Australia.

1450 KCS

CC145		100	Rancagua, Chile. "Radio La Colmana." (Brazil 1224).
CFLC	F	100	Brookville, Ont. 8:00 AM-11:30 PM.
CHLN		100	Three Rivers, Que. 8:00 AM-11:00 PM.
CHPS		250	Parry Sound, Ont. Gordon E. Smith, Mgr. 9:00 AM-12:00 Mid.
CMAB		250	Pinar Del Rio, Cuba. "Hotel Ricardo." (Maceo esq. a Rosario).
CMHM		250	Cienfuegos, Cuba. (Prado 190).
CP8		50	La Paz, Bolivia. "Radio America."
CX46		1500	Montevideo, Uruguay. "Radio America." (Rio Branco 1366).
HJEG		500	Popatan, Colombia. "La Voz de Velalcazar"
HRN	X	500	Tegucigalpa, Honduras. "La Voz de Honduras."
KABC	BM	250	San Antonio, Tex. K. R. Hyman, C. E.
KATE	M	250	Albert Lea, Minn. Larry Lawson, C. E.
KBPS	G	100	Portland, Ore. Charles M. Weagant, C. E.
KCMC	M	250	Texarkana, Tex. (CP-1230 kes.) W. H. Robertson, C. E.
KDNT		100	Denton, Tex.
KEUB	M	250	Price, Utah. Jack Richards, Pro. Dir. 9:00 AM-1:30 AM.
KFAM	N	250	St. Cloud, Minn. Bert. A. Halmburg, Eng.
KFIZ	M	250	Fond Du Lac, Wisc.
KFMB	B	250	San Diego, Cal. Joe Walters, Pro. Dir. 9:20 AM-3:00 AM.
KGFF	B	250	Shawnee, Okla.
KGIW	G	250	Alamessa, Colo. D. L. Allen, Pro. Dir.
KGLU	N	250	Safford, Ariz. 9:00 AM-12:45 AM.
KLBM		250	La Grande, Ore.
KMYC	M	250	Marysville, Cal. Joe D. Carroll, Mgr. 9:30 AM-3:00 AM.
KNET	D	100	Palestine, Tex. Frank Goodson, C. E.
KORE	M	250	Eugene, Ore. Harold M. Gauder, C. E. 9:00 AM-4:00 AM.
KRBC	M	250	Abilene, Tex. L. B. Casey, C. E. 7:30 AM-12:00 Mid.
KRBM	N	250	Bozeman, Mont. J. Alfred, Pro. Dir.
KRIC		250	Beaumont, Tex. Ben Hughes, C. E.
KSAN		250	San Francisco, Cal. S. H. Patterson, owner. 7-4:00 AM.
KTRI	M	250	Sioux City, Iowa.
KVAK		100	Achison, Kans.
KWAL	M	250	Wallace, Ida. C. J. Crane, Operator.
KWBW	N	250	Hutchinson, Kans.
PRB4		1000	Santos, S. P., Brazil.
PRC5	W	2000	Belem, Para, Brazil. "Radio Club do Para"
TGO		200	Quezaltenango, Guatemala. "La Voz de Quezaltenango."
WACO	BM	250	Waco, Tex. L. H. Appleman, C. E.
WAGM	G	100	Presque Isle, Me.
WAOV		250	Vincennes, Ind. R. M. Henley, C. E.
WASK		250	Lafayette, Ind. Joe Spring.
WAZL	M	250	Hazleton, Pa.
WCBS	B	250	Springfield, Ill.
WCHV	B	250	Charlottesville, Va.
WCBS	N	250	Greenwood, S. C. E. C. Neumann. 6:25 AM-11:15 PM.
WEED	B	250	Rocky Mount, N. C. Wm. W. Primm, C. E.
WFMJ	B	250	Yonagstown, Ohio. E. A. Dieringer, C. E. 6:00 AM-12:00 Mid.
WFNC	M	250	Fayetteville, N. C.
WFPG	B	250	Atlantic City, N. J. Blair K. Chran. 7-1:00 AM.
WGL	N	250	Fort Wayne, Ind.
WGNC	B	250	Gastonia, N. C.
WGOV	M	250	Valdosta, Ga. L. C. McCall, C. E.
WGPC	C	250	Albany, Ga.
WHDL	B	250	Olean, N. Y.
WHFC		250	Cicero, Ill.
WHIT		250	New Bern, N. C. Glen Neville, C. E.

DX FORECAST

Based on DX conditions of the previous seasons, the following forecasts for listeners in the East, and the succeeding one for listeners in the West, are presented to assist the newcomer to the hobby as well as the experienced DXer who is still trying to log his first foreigners. The accomplished DXer with a log of many foreign stations may also find in the following a few tips which might help to log a new one or two. These are not the only foreign stations which may be heard, but they represent those which are most easily heard. If you follow the directions of the Victory Radio Club editors, Lincoln A. Mayo on the Eastern list and Larry Yarnes on the Western list, we're sure you will meet with some luck on these.

DX IN THE EAST

This list includes the TA's, TP's and SA's most frequently heard in Eastern United States and Canada, and is intended as a guide for those DXers East of the Mississippi. Many stations listed may be heard far inland, some even to the West Coast.

South American stations (SA's) come in very well during the evening hours in the spring, autumn and winter seasons, and to a lesser extent during the summer. They seem to be strongest between 8 PM and Midnight, very often overriding more powerful domestic opponents. A good example of this is the case of HJAN, the Colombian on 1190. During the entire 1942-43 winter season, the evenings were very few indeed when HJAN was not at least audible. Very often WOWO was badly "mushed" and frequently almost obliterated.

Trans-Pacific stations (TP's), often appear on the dials of Easterners in the late afternoon hours between 4 and 7 PM during mid-winter. They are also heard well during the wee small hours of the morning after many of the domestic stations have left the air.

Trans-Pacific stations (TP's), when conditions are favorable, put in an appearance around 3 AM, continuing until 6, or even 7:30 AM.

The principal problem encountered in logging Transoceanic stations is the all-niter. With so many stations operating around the clock with special war service programs, it is often difficult, and sometimes impossible, to hear stations across the sea. The best time to tune for stations "blanketed" by all-niters is naturally the period when the all-niter is off the air for transmitter maintenance. Most all-niters have a regular silent period for this purpose.

KCS LOCATION

556 Beromunster, Switz.
565 Athlone, Eire
574 Stuttgart, Germany
570 2YA, Wellington, N. Z.
583 Grenoble, France*
590 YV5RI, Caracas, Venezuela
601 CNR, Rabat, Morocco
638 OKP, Praha, Czechoslovakia*
648 Lyons, France*
650 CX6, Montevideo, Uruguay*
(heard occasionally after midnight)

WHLN		250	Harlan, Ky.
WHLS		250	Port Huron, Mich. L. C. Conant, C. E.
WHMA	B	250	Anniston, Ala. James Hudson, C. E.
WHM	B	250	Jackson, Mich.
WILM	M	250	Wilmington, Del.
WJMS	M	250	Ironwood, Mich.
WJPA		250	Washington, Pa. Stanley Schultz.
WKEU		100	Griffin, Ga.
WKIP	B	250	Poughkeepsie, N. Y.
WLAN	P	250	Endicott, N. Y.
WLAP	M	250	Lexington, Ky. Sanford Helt, C. E. ?-1:00 AM.
WLAY	M	250	Muscle Shoals City, Ala. Glenn Boatright, C. E.
WLEU	B	250	Erie, Pa.
WLPM		250	Suffolk, Va.
WMAS	C	250	Springfield, Mass.
WMBH	M	250	Joplin, Mo.
WMEJ	B	250	Daytona Beach, Fla. 8:00 AM-11:00 PM.
WMVA	N	250	Martinsville, Va.
WNAB	B	250	Bridgeport, Conn.
WNOE	M	250	New Orleans, La. James E. Gordon, Gen. Mgr. 24 hours daily.
WPAD		250	Paducah, Ky.
WPAR	C	250	Parkersburg, W. Va.
WRLC		250	Toceon, Ga. S. Cecil Chafin, Eng. 7:00 AM-8:00 PM.
WSLI	B	250	Jackson, Miss.
WSPB		250	Sarasota, Fla.
WWDC		250	Washington, D. C. 6:00 AM-?
XEBJ	UW	100	Victoria, Tams.
XEDJ		100	Magdalena, Son.
XEFK		100	Merida, Yuc.
XEGC	UW	100	Zamora, Micho.
XEIV		250	San Luis Rio Colorado, Son.
XEJX	UW	250	Queretaro, Gro.
XEPP		250	Orizaba, Ver. C.
XEQW		250	Torreon, Coah.
XERK	UW	100	Tepec, Nay.
XETA		250	Tapachula, Chis.
XEXE		100	Texcoco, Mex.
XEXP		100	Matamoros, Tams.
	P	100	Saltillo, Coah.
FTMAP	1455	30	Sousse, Tunisia.
7DY		200	Derby, Australia.
....*	1456	7000	Paris, France.
....		500	Saigon, French Indo-China.

1460 KCS

CJGX	F	1000	Yorkton, Sask. 8:30 AM-1:00 AM.
CMBD	2	250	Havana, Cuba. (17 y O. Vedado).
CMCG	2	250	Havana, Cuba. "La Onda." (Malecon 673).
CMKQ		500	San Luis Oriente, Cuba. (Gral. Garcia y Cespedes).
CW46B		50	Soriano, Uruguay. "Liceo de Dolores."
HJAL	1465	500	Monteria, Colombia. "Emisoras Arsenipur."
HJBE		250	Cienaga, Colombia. "Ondas del Magdalena."
HJCL		100	Girardot, Colombia. "Radio Girardot."
HJEJ		500	Palmira, Colombia.
KEVE		500	Everett, Wash. Vernon Downing, C. E. 10:00 AM-2:00 AM.
KGNF	D	1000	North Platte, Neb.
KINY		1000	Juncos, Alaska. (CP-5000 w.) David W. Jefferies, C. E. 11:30 AM-3:30 AM.
KSO	BM	5000	Des Moines, Iowa. Edmund Linchan, Pro. Dir. 7:00 AM-2:00 AM.
OAX5B		200	Ica, Peru. "Radio Universal." (Loreto 124-128).
PRF2		250	Rio Claro, S. P., Brazil.
PRIS		100	Aracatuba, S. P., Brazil.
WBNS	C	1000(5)	Columbus, Ohio.
WHEC	C	500(1)	Rochester, N. Y.
WHP	C	1000(5)	Harrisburg, Pa. C. H. Shearer.
WMP5	BM	500(1)	Memphis, Tenn.
WOKO	C	500(1)	Albany, N. Y. H. E. Smith.
XELH		100	Nuevo Laredo, Tams.
XETU		1000	Tampico, Tams. (Apartado 414).
XEWG		1000	Juarez, Chib.
HAE4*	1465	1250	Pecs, Hungary.
ON4EB	1465	100	Antwerp, Belgium.
VUA	1465	100	Allahabad, India.
2CK		300	Cessnock, Australia.
5MU		200	Murray Bridge, Australia.
....	1465	100	Courtrai, Belgium.
....	1465	250	Dresden, Germany.

1470 KCS

CB147		1000	Valparaiso, Chile. "Radio Zenith." (12 de Febrero 169).
CD147		100	Puerto Montt, Chile. "Radio Alviol."
CKGB	F	1000	Timmins, Ont. 7:00 AM-11:30 PM.
CMGE		250	Cardenas, Cuba. (Cespedes 180).
CMJO		250	Ciego de Avila, Cuba. (Cuba 99).
CW47		300	Canelones, Uruguay. "Radio Canelones." (18 de Julio 965).
HI8Q		25	Trujillo, Dominican Rep.

650	1YA, Auckland, N. Z.
658	Cologne, Germany
668	Moorside Edge, Gr. Brit.
695	Paris, France*
710	LS1, Buenos Aires, Arg.
720	HJCU, Bogota, Colombia
720	3YA, Christchurch, N. Z.
740	Munich, Germany
749	Marseilles, France*
750	LRA, Buenos Aires, Arg.
760	KGU, Honolulu, T. H. (May be heard occasionally under WJR; signs off at 5 AM)
767	Burghhead & Westergien, Gr. Brit.
776	Toulouse, France*
785	Leipzig, Germany
790	YV4RE, Caracas, Venezuela
804	4YA, Dunedin, N. Z.
804	Penmon & Washford Cross, Gr. Brit.
830	LR5, Buenos Aires, Arg.
841	Berlin, Germany
854	OAX4A, Lima, Peru
859	Strasbourg, France*
870	LR6, Buenos Aires, Arg.
877	London, Gr. Brit.
904	Hamburg, Germany
910	LR2, Buenos Aires, Arg.
913	Toulouse, France*
920	HJCS, Bogota, Col. (A good bet for Xmas Morning)
922	Brno, Czechoslovakia*
941	Algiers, Algeria
950	LR3, Buenos Aires, Arg.
950	Breslau, Germany
959	Paris, France*
960	YV5RA, Caracas, Venezuela
977	Belfast, N. Ireland
990	LR4, Buenos Aires, Arg.
997	Hilversum, Netherlands*
1013	Droitwich, Gr. Brit.
1030	Konigsberg, Germany
1040	Rennes, France*
1040	HJ CZ, Bogota, Colombia
1050	Start Point, Gr. Brit.
1070	LR1, Buenos Aires, Arg. (Sign off at 11:05)
1077	Bordeaux, France*
1100	HJCB, Bogota, Colombia
1113	Melnik, Czechoslovakia*
1120	YV1RE, Maracaibo, Venez. (Sign on at 5:40 AM)
1122	Stagshaw, Gr. Brit.
1149	Moorside Edge, Gr. Brit.
1153	YV1RD, Maracaibo, Venez. (Sign on at 5:40 AM)
1167	Monte Ceneri, Switzerland
1185	Nice, France*
1190	HJAN, Barranquilla, Colombia
1190	LS2, Buenos Aires, Arg.
1195	Frankfurt, Germany
1200	HJCR, Bogota, Colombia
1213	Lille, France*
1220	PR A9, Rio de Janeiro, Brazil
1270	HJAT, Barranquilla, Colombia
1276	Juan les Pins, France
1400	HJAR, Cartagena, Colombia
1474	"BBC," Cleveland, Gr. Brit.

* Indicates station in German-occupied countries operated under Nazi control; program are frequently relayed from Berlin.

DX IN THE WEST

The following list in Pacific War Time is provided for the benefit of West Coast listeners where conditions differ greatly from the other sections of the country. On the West Coast, listeners often enjoy good reception from the South Pacific area and Asia, while very seldom is a European heard. The tuning season is from September to March for South Pacific stations and from November to March for Asiatics. The time given is the hour which these stations may be heard (all a. m.). Listeners in the Mountain Time Zone may use this list, allowing of course for the difference in time and distance.

KCS. LOCATION TIME
540 RW54, Siberia, 4-5

HJFE	W	500	Pereira, Colombia. "La Voz de Pereira."
KDFN		1000	Casper, Wyo. 9:30 AM-?
KELA	M	1000	Centralia, Wash. Elwood Lippincott, C. E. 9:00 AM-2:00 AM.
PRE6		5000	Niteroi, R. de J., Brazil.
PRJ4		500	Parnaiba, Piaui, Brazil.
WRIG	C	5000	Greensboro, N. C.
WCBA	2	500	Allentown, Pa.
WMBD	C	1000(5)	Peoria, Ill. T. A. Giles.
WSAN	N2	500	Allentown, Pa. (CP-5000 w.)
XEAU		5000	Tijuana, B. Cfa. Manuel Acuna.
XESM		1000(5)	Mexico City, D. F. All night.
ZYA2		500	Corumba, Matto Grosso, Brazil.
NGDZ		10	Chang Chow, China.
2MW		200	Murwillumbah, Australia.
3CV		500	Charlton, Australia.
....*	1474	20000	Clevedon, Great Britain.

1480 KCS

CHGS	F	100	Summerside, P. E. I. 6:30-7:30 AM; 9:30 AM-1:30 PM; 3-8 PM.
CJVI	F	500	Victoria, B. C. C. R. Smith, Pro. Dir. 10:00 AM-2:00 AM.
CMHX		250	Santa Clara, Cuba. (Trista y J. B. Aleman)
CW43B	W	750	Rivera, Uruguay. "Radio Internacional." (Garandi 493).
HJDL		500	Medellin, Colombia. "Ecos del Occidente."
HJEP	1485	500	Buga, Colombia. "Voces de Occidente."
KCMO	B	1000(5)	Kansas City, Mo.
KGCX	F	1000	Sidney, Mont. Mel King, Ch. Anner.
KIEM	M	1000	Eureka, Cal. 9:55 AM-1:00 AM.
KTBS	N	1000	Shreveport, La. 7:30 AM-?
PRD3		1000	Petropolis, R. de J.; Brazil.
WGAR	C	1000(5)	Cleveland, Ohio. (CP-1220 kes, 5000 w.) R. M. Pierce, C. E.
WHBC	MP	1000	Canton, Ohio. (At present on 1230 kes.)
WHOM		500(1)	Jersey City, N. J. ?-12:15 AM.
WRDW	C	5000	Augusta, Ga. 6:00 AM-12:00 Mid.
WSAR	M	1000	Fall River, Mass. ?-12:00 Mid.
XEXZ		5000	Tlaxcala, Tlax.
SCD	1483	200	Gavle, Sweden.
XQHF		200	Shanghai, China.
2AY		200	Albury, Australia.

1490 KCS

CFRC		100	Kingston, Ont.
CHLP		250	Montreal, Que. 8:00 AM-11:00 PM.
CJIC	F	250	Sault Ste. Marie, Ont. 7:30 AM-11:30 PM.
CJMH	P	100	Medicine Hat, Alta.
CKCR		250	Kitchener, Ont. 7:30 AM-11:00 PM.
CMCA	2	250	Havana, Cuba. (Gallano y Neptuna).
CMKE	Q	250	Holguin, Cuba. (Frexes esq. a Rastro).
CMOX	2	250	Havana, Cuba. (S y 19, Vedado).
CX48	1500		Montevideo, Uruguay. "Estacion Feminina." (18 de Julio 1333).
HJDU		250	Medellin, Colombia. "Universidad Antioquia."
KBIX	B	250	Muskogee, Okla.
KBKR		250	Baker, Ore. Kenny Holden.
KBON	M	250	Omaha, Neb.
KBST	M	100	Big Spring, Tex. Leonard Lyon.
KBUR	B	250	Burlington, Iowa. 24 hours daily.
KDB	M	250	Santa Barbara, Cal. Jack Temple. 10:00 AM-2:00 AM.
KDRO		250	Sedalia, Mo.
KEEW		100(.25)	Brownsville, Tex.
KEYS	C	250	Corpus Christi, Tex.
KFEA	M	250	Helena, Ark. Roy Cummings.
KGKB		250	Tyler, Tex. John Sheppard, C. E.
KGKY		250	Scottsbluff, Nebr.
KNEL		100(.25)	Brady, Tex. G. L. Burns, Mgr.
KNOT	RM	250	Austin, Tex. J. E. Lewis, C. E.
KOTN	M	250	Pine Bluff, Ark.
KOVC		250	Valley City, N. D. 9:00 AM-11:00 PM.
KPAR		250	Laredo, Tex.
KPLC		250	Lake Charles, La.
KPLT	M	250	Paris, Tex. Martin Neil, C. E. 6:30 AM-12:00 Mid.
KRRR	M	250	Roseburg, Ore. H. J. Chandler, C. E.
KSAM	D	200	Huntsville, Tex. J. Harper, Eng. Dept.
KTBI		250	Tacoma, Wash. Joseph P. Ernest, C. E. ?-5:30 AM.
KTOH		250	Lihue, T. H. ?-4:05 AM.
KVOE	M	250	Santa Ana, Cal. Wallace Wiggins. 10:00 AM-2:30 AM.
KVWC	M	250	Vernon, Tex.
KWEW		100	Hobbs, N. M. (Does not verify).
KXO	M	100	El Centro, Cal. Ken Thornton, Mgr. 10:00 AM-3:00 AM.
KYCA		250	Prescott, Ariz. Mucio Delgrade, Mgr. 11:00 AM-12:00 Mid.
KYOS	M	250	Merced, Cal. Lucille Adam. 9:00 AM-2:00 AM.
PRJ9		5000	Sao Luiz, Maranhao, Brazil.

550	2CR, Australia, 3-5
570*	2YA, New Zealand, 3-4:20
590	KGMB, Hawaii, 12-1
610	2IC, Australia, 3-5
630	4QN, Australia, 3-5
640	XGAP, China, Tues., 3-5
650*	1YA, New Zealand, 3-4:20
670	2CO, Australia, 3-5
700	JOCG, Japan, 3-5
700	2NR, Australia, 3-5
710	7NT, Tasmania, 3-5
720*	3YA, New Zealand, 3-4:20
740*	2BL, Australia, 3-5
750*	2YH, New Zealand, 2-3
760*	KGU, Hawaii, 12-1
760	4QS, Australia, 3-5
770	3LO, Australia, 3-5
790*	4YA, New Zealand, 3-4:20
800*	4QG, Australia, 3-5
800	JOKG, Japan, 3-5
810*	5RM, Australia, Sun. 3-5
820	JBBK2, Japan, 3-5
830	3GI, Australia, 3-5
840	2YC, New Zealand, 2-3
850	2CY, Australia, 3-5
900*	NGOI, China, 3-5
900*	JO??, Japan, 2-5
940	4QR, Australia, 3-5
1000*	JORG, Japan, Thurs. 3-5
1220	4AK, Australia, 3-5
1230	KHBC, Hawaii, 2nd Mon., 2:55-3:10
1300	2TM, Australia, 3-5
1380	4BH, Australia, 3-5
1410	2KO, Australia, 3-5
1430	2WL, Australia, 3-5
1430	3ZV, New Zealand, 3-5
1490	KTOH, Hawaii, 12-1

Best bets, or stations more likely to be heard are indicated with an asterisk (*).

F - M

By Harold Schrock.

A complete list of frequency modulated broadcast stations as compiled by Harold Schrock, FM Editor of Victory Radio Club. FM is completely new to the DX-ers and other radio listeners and we shall therefore attempt to paint a brief sketch of FM today.

While many broadcast receivers, especially those of communication type, tune the FM bands, the listener must be warned not to judge FM by what he hears on these receivers. To properly log and hear as well as enjoy FM you must have an FM receiver or converter designed to pick up these transmissions.

Not only is FM staticless, but also possesses other and greater qualities not so widely publicized by the radio manufacturers. First it is the only way to enjoy music over the air. One quickly tires of music on a regular broadcast receiver after once hearing it on FM. Its wide range and fidelity in reproducing accurately even the slightest sound makes the music sound as if it were being played in an adjoining room. The crowds at a baseball game sound just as they would if you were outside the park—you can distinguish the cries of excited spectators, the crack of the bat, and they're not just roars—you can make them out. If you have an FM receiver, listen to the human voice, notice particularly words with the letter s—and you will immediately see where FM shines. "S" is hushed, hardly audible over an ordinary mike, but it stands out on FM and if the announcer is one who pronounces them too well, he'll sound like a hissing goose! You

WBAB	C	250	Atlantic City, N. J.
WBTA		250	Batavia, N. Y. Fred Callander, Eng.
WDAN	C	250	Danville, Ill.
WDNC		250	Escanaba, Mich.
WDNC	C	250	Durham, N. C.
WERC	C	250	Erie, Pa. Charles E. Denny. 7:30 AM-12:00 Mid.
WGAL	MN	250	Lancaster, Pa.
WGKV	N	100	Charleston, W. Va.
WGTC	M	250	Greenville, N. C.
WHBB	M	100	Selma, Ala. Wm. S. Kilgore, C. E.
WIGM		250	Medford, Wis.
WJBK		250	Detroit, Mich. Violet Skrodd. 24 hrs. daily.
WKBB	B	250	Dubuque, Iowa. J. Carlson.
WKBV		100	Richmond, Ind.
WKBZ		250	Muskegon, Mich.
WKNY		250	Kingston, N. Y. Marvin Seimes, C. E.
WKRO		250	Chgo, Ill. Eugene Bullis, Eng.
WMIS		250	Natchez, Miss.
WMJM		100(.25)	Cordele, Ga. James Rivers, Gen. Mgr.
WMOG		100(.25)	Brunswick, Ga.
WMRC	BM	250	Greenville, S. C.
WMRF	N	250	Lewiston, Pa.
WMRN	B	250	Marion, Ohio.
WNLC	M	250	New London, Conn.
WOLF		250	Syracuse, N. Y.
WOMI		250	Owensboro, Ky. Wm. Binford. 8:00 AM-11:45 PM.
WOPI	N	250	Bristol, Tenn. R. Robinson. Ch. Opr. 6:30 AM-11:30 PM.
WOSH	B	250	Oshkosh, Wis. N. Williamsou, C. E.
WRGA		250	Rome, Ga.
WSAP	M	250	Portsmouth, Va. Denzel Pulley, C. E. 6:00 AM-2:00 AM.
WSTP	M	250	Salisbury, N. C.
WTMC	B	100	Ocala, Fla.
WTMV		250	East St. Louis, Ill. 7-2:05 AM.
WWSW		250	Pittsburgh, Pa. 24 hours daily.
XECH		250	Toluca, Mex.
XEDR		100	Guaymas, Son.
XEGT		250	Zamora, Micho.
XEJR	UW	100	Hidalgo del Parral, Chih.
XEJW		100	Jalapa, Ver. C.
XELY		150	Aguaascalientes, Ags.
XEOB		100	Torreón, Coah.
XETR		100	Madero, Tams.
XEXU	P	100	Saltillo, Coah.
EAJ43		8000	Cananea, Son.
ON4CE	1492	100	Tenerife, Canary Islands.
SCE	1492	200	Chatelaineu, Belgium.
SCT	1492	200	Halmstad, Sweden.
XLKS		20	Upsala, Sweden.
2BE		100	Kashing, China.
4ZR		200	Bega, Australia.
.....	1492	100	Roma, Australia.
.....	1492	700	Binche, Belgium.
.....	1492	100	Nemes, France.
.....	1492	100	Santiago, Spain.

1500 KCS

CB150		50000	Santiago, Chile.
HJAS		250	Barranquilla, Colombia. "Emisoras Variedades."
HJEA		500	Popayan, Colombia. "Radio Caucas."
HJFC		100	Ibague, Colombia. "La Voz del Tolima."
HJFJ		25	Aguadas, Colombia. "Cultural."
KSTP	N	50000	St. Paul, Minn. K. M. Vance. 24 hrs. daily.
WTOP	C	50000	Washington, D. C. Clyde M. Hunt, C. E.
XERH		500	Mexico City, D. F. 7-2:00 AM.
.....		100	Port de France, Martinique. "Radio Fort de France."
EAJ50		250	Las Palmas, Canary Islands.
ON4FC		150	Liege, Belgium.
ON4EX		150	Liege, Belgium.
SCM		200	Krestinehamn, Sweden.
XHHT		100	Shanghai, China.
XOCL		200	Tsinan, China.
XQHG		250	Shanghai, China.
2BS		100	Bathurst, Australia.
3AK		200	Melbourne, Australia.
.....		100	Seraing, Belgium.
.....		100	Verviers, Belgium. "Verviers No. 1."
.....		100	Verviers, Belgium. "Verviers No. 2."
.....		100	Vellereille, Belgium.
.....		500	Pietarsaari, Finland.

1510 KCS

CW47A	W	100	San Jose, Uruguay. "Radio Welcome." (18 de Julio 877).
HJEM		500	Calli, Colombia. "Radio Palmira."
KGA	B	10000	Spokane, Wash. Beverly Shaw. 9:00 AM-3:00 AM.
PRC6		100	Uberlandia, M. G., Brazil.
PR17		100	Campo Grande, M. G., Brazil.
WLAC	C	50000	Nashville, Tenn. M. E. Watkins. 6:00 AM-12:00 Mid.

have got to be natural before an FM mike, because it is natural.

There will not be much activity as far as new stations during the war. No new receivers are available in most cities, but watch FM after this war.

42600 kes.
W1XSN (W81SF), East Springfield, Mass.; Westinghouse Radio Stations Inc., 1000 watts. 8 AM-1 AM except Sunday. Veri letters signed by H. E. Randol, plant mgr., WBZA.

42800 kes.
W2XMN, Alpine, N. J.; Edwin H. Armstrong; 40,000 watts. 4-11 PM. Most program material recordings.

43000 kes.
W9NYH, Superior, Wis.; WEBC bldg. 1000 watts.

43200 kes.
W3NO, Washington, D. C.; Jansky & Bailey, National Press bldg. 1000 watts.

43400 kes.
W1X7G, Worcester, Mass.; Worcester Telegram Pub. Co., Inc. (W7AG). 1000 watts. Mon. thru Fri. 8-11 AM; 3-5:30 PM; 8-10 PM; Sat. & Sun., 1-5 PM; 8-10 PM. All girl announcers. Antenna horizontally polarized. Vs. E. A. Browning, chief eng.

43900 kes.
WNYC-FM (Ex-W39SY), New York City; City of N. Y. (WNYC) 5-10 PM.

44100 kes.
WMTW (Ex-W39B) Mt. Washington, N. H.; Yankee network. Works with WGTR, 44300 kes.

44100 kes.
WMIT (Ex-W41MM), Clinghams Peak, N. C.; Gordon Gray, Winston-Salem, N. C. 3000 watts. 3-9 PM.

44300 kes.
WGTR (Ex-W43B), Boston, Mass.; Yankee network. 50,000 watts. 6 AM-2 AM except Sat. On Sat. 1 PM-2 AM. Vs. I. B. Robinson, tech. dir.

44500 kes.
WENA (Ex-W45D), Detroit Mich.; The Evening News Assoc. 3-10 PM.

WBRL (Ex-W45BR), Baton Rouge, La.; Baton Rouge Broadcasting Co.

WELD (Ex-W45CM), Columbus, Ohio; WBNS Inc. 5000 watts. 3 PM-12:05 AM.

KH1-FM (Ex-K45LA), Los Angeles, Calif.; Don Lee Broadcasting System.

WMLL (Ex-W45V9), Evansville, Ind.; Evansville On the Air Inc. Also operate a mobile FM unit.

44700 kes.
WBCA (Ex-W47A), Schenectady, N. Y.; Capitol Broadcasting Co., Inc.

WHEF (Ex-W47R), Rochester N. Y.; WHEC Inc. 3000 watts. 6:30 AM-12:30 AM.

WSM-FM (Ex-W47NV), Nashville, Tenn.; National Life & Accident Insurance Co. 20,000 watts. 11 AM-1 PM & 5-10:15 PM (WSM) Vs. Marjorie Cooney, dir.

WGYN (Ex-W47NY), New York City. Muzak Corp. 7:30 AM-11 PM.

WTNT (Ex-W47P), Pittsburgh, Pa. Walker - Downing Radio Corp.

44900 kes.
KOZY (Ex-K49KC), Kansas City, Mo.; Commercial Radio Equipment Co. 3-9 PM Mon. thru Sat.

WOWO-FM (Ex-W49FW) Fort Wayne, Ind.; Westinghouse Ra-

WMEX	5000	Boston, Mass. 8:00 AM-12:00 Mid.
ZYA4	100	Sao Sabastio de Paraiso, Brazil.
SCH 1515	200	Jonkoping, Sweden.
YDA8	500	Transjongpriak, Neth. E. Indies.

1520 KCS

HJBF	1525	500	Ocana, Colombia. "Voz de Ocana."
HJDM		1000	Medellin, Colombia. "Radio Cordoba."
HJES	1525	100	Buenaventura, Colombia. "Andagoya."
KOMA	C	5000	Oklahoma City, Okla. J. Gabey, Sec. 6:55 AM-1:00 AM.
TGWC	VW	1000	Guatemala City, Guatemala.
WKBW	C	50000	Buffalo, N. Y.
YDD3		150	Batavia, Neth. E. Indies.
....	1522	1000	Tampere, Finland.

1530 KCS

1530 KCS			
CX50		300	Montevideo, Uruguay. "Radio El Mundo." (Ibicui 1285).
HJCP		250	Tocaima, Colombia. "Buen Suceso."
KFBK	B	10000	Sacramento, Cal. 24 hours daily. (Silent Sat. 3 AM-?).
PRF8		100	Botucatu, S. P., Brazil.
PRJ5		100	Limeira, S. P., Brazil.
PRJ8		100	Barretos, S. P., Brazil.
WCKY	C	50000	Cincinnati, Ohio. C. H. Topmiller, C. E. 5:45 AM-2:00 AM.
SBR		500	Karlskrona, Sweden.
YDB7		150	Soerabaja, Neth. E. Indies.

1540 KCS

1540 KCS			
CMBH		5000	Havana, Cuba. (San Miguel 570).
HJFI		1000	Armenia, Colombia. "Pregonos del Quindio."
KXEL	B	50000	Waterloo, Iowa. C. R. Rohde, Mail Dept. 7:00 AM-1:00 AM.
XENC		250	Celaya, Gto.
XEQN		5000	Nogales, Son.

1550 KCS

1550 KCS			
CKTB	F	1000	St. Catharines, Ont. E. T. Sandell. 7:45 AM-11:05 AM.
HJEH		175	Santander, Colombia. "Escuela de Tello."
HJPF		100	Ibague, Colombia. "Radio Cultural."
XEBG		1000	Tijuana, B. Cfa. (Box 949, San Diego, Cal.) 10:00 AM-4:00 AM.
XEML		1000	Mexico, City, D. F.
ZYA7		100	Itarere, S. P., Brazil.
ZYA9		100	Assis, S. P., Brazil.
YDA4		25	Soekaboemi, Neth. E. Indies.

1560 KCS

1560 KCS			
CMHD		250	Caibarien, Cuba. (Maria Escobar 17).
CW51		250	Maldonado, Uruguay. "Radio Maldonado."
KPMC	M	1000	Bakersfield, Cal. 9:30 AM-3:00 AM.
WQXR		10000	New York, N. Y.
YSP	V	300	San Salvador, El Salvador. "La Voz de Cuscatlan."
ZYA5		100	Joinville, S. P., Brazil.
YDD2		100	Bandoeng, Neth. E. Indies.

1570 KCS

1570 KCS			
CFPL	F	1000	London, Ont. P. H. Morris, Comm. Mgr. 7:30 AM-11:30 PM.
CX52		50	Soriano, Uruguay. "Radio Litoral Soriano" (Eusebio Gimenez 655).
XEAW		100000	Reynosa, Tams. (CP-move to Corpus Tex.-1010 kes.) F. Hopkins. 5:00-1:00 AM
YDB6		25	Malang, Neth. E. Indies.

1580 KCS

1580 KCS			
CBJ	F	1000	Chicoutimi, Que. 7:30 AM-11:30 PM.
CMCJ	2	250	Havana, Cuba. (Estevez 4).
CMCR	2	250	Havana, Cuba. "La Voz del Caribe." (Infanta 1155).
CMJQ		250	Nuevitas, Cuba. (Calixto Garcia 21).
CW53		250	Cerro Largo, Uruguay. (Avda Brasil 1066).
YDE3	1585	25	Semarang, Neth. E. Indies.

1590 KCS

1590 KCS			
WAKR	B	1000(5)	Akron, Ohio. (CP-5000 w.) W. W. Robertson, C. E. 6:30 AM-1:00 AM.
WALB	M	1000	Albany, Ga. 7:55 AM-10:30 PM.
WBRY	C	1000	Waterbury, Conn. F. B. Hales, C. E. 8:00 AM-12:00 Mid.
XEMC		5000	Mexico City, D. F.
ZYA3		100	Cambara, Par., Brazil.
ZYA6		100	Sao Carlos, S. P., Brazil.
ZYA8		100	Taubate, S. P., Brazil.
....	P	5000	Tijuana, B. Cfa.
YDB5	1595	25	Soerakarta, Neth. E. Indies.

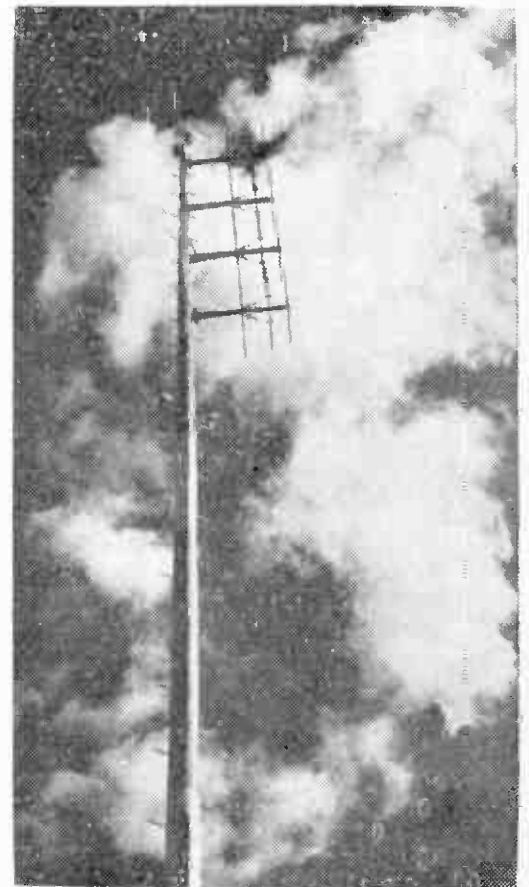
1600 KCS

1600 KCS			
CP17		50	Potosi, Bolivia. "Radio Cultura."
WWRL		250	Woodside, N. Y. D. J. Connolly. 8:00 AM-12:00 Mid.
XEAB		5000	Villa Acuna, Coah.

dio Stations Inc. 3-9 PM.
 WNBF-FM (Ex-W49BN) Binghamton, N. Y.; Wylie B. Jones Advertising Agency. 1000 watts.
 WLOU (Ex-W49D), Detroit, Mich.; John Lord Booth.
 WIP-FM (Ex-W49PH), Philadelphia, Pa.; Penna. Broadcasting Co. 3-6 PM; 9-mtd.
 W2XWG, New York City, National Broadcasting Co. 1000 watts. 3-11 PM except Wed. & Fri. Vs. A. K. Bernard.
45100 kes.

WWZR (Ex-W51C), Chicago, Ill.; Zenyth Radio Corp. 12:30 PM-12:30 AM. Station announcements on hour and half hour. All transcribed music. Issue program booklet listing selections to be heard. Vs. Violet Kmety, prog. dir.

WHFM (Ex-W51R), Rochester, N. Y.; Stromberg-Carlson Tel. Mfg. Co. 3 KW. 9:30 AM-11 PM daily; 2 PM-11 PM Sunday. K. J. Gardner.



Directional antenna at WEOD, Boston, used to beam signals of WGTR from Boston studios to the transmitter high atop Mt. Asnebumskit in Paxton, Mass., nearly fifty miles away.

45300 kes.
 WTIC-FM (Ex-W53H), Hartford, Conn.; The Travellers Broadcasting Service Corp. 3-9:05 PM.

WFIL-FM (Ex-W53PH), Philadelphia, Pa.; WFIL Broadcasting Co. 3-9 PM appr.

45500 kes.
 WMFM (Ex-W55M), Milwaukee, Wis.; The Milwaukee Journal. 50,000 watts. 1 PM-1 AM. Vs. D. W. Gellerup, tech, supvr.

45700 kes.
 KYW-FM (Ex-W57PH), Philadelphia, Pa.; Westinghouse Radio Stations, Inc. 3-9 PM appr.

45900 kes.
 WQXQ (Ex-W59NY) New York City; Interstate Broadcasting Co. 1000 watts.
 WGNB (Ex-W59C), Chicago, Ill.; WGN Inc. 4-10:05 PM. Vs. David Taylor.

HAMS AT WAR

by Owen Callin

When the United States entered the war on the day after Pearl Harbor, the nation's amateurs were among the first to offer their skills so that victory would be America's that much sooner.

The W's, and their K brothers, helped make history on Guadalcanal and in North Africa and are making it today in Italy and in the Pacific. The entire structure of army communication is built around those names and calls that were in the peacetime CALLBOOK.

Still others are busy at home, in research laboratories and in home defense corps. These experts stayed behind to give the nation RADAR and other radio improvements that will make the amateur hobby a dream hobby when they are released after the war.

And the women and the SWLs have earned a rightful place at the side of their OM's. The YL's and NYL's have put their knowledge to work also in the laboratories and in the field of home communication. The SWLs have turned their hobby into a realistic work and many are ready to go into the field as radio experts. Hundreds of them have the coveted LSPH (licensed since Pearl Harbor).

Not only have these Hams and SWLs given their share to the war effort, but by organization and card swapping have kept the basic elements of the radio hobby alive on which to build a permanent hobby when the hostilities have ceased.

Foremost among the radio clubs in the nation is the Young Ladies' Radio League, which numbers nearly 400 members. These girls are all busy in war radio work and each individual is a tale of sacrifice and voluntary service to her country.

Up in Olympia, Wash., the Olympia Radio Club with its dozen members are keeping the game alive until after the war.

From Washington, from Florida, from Maine and California, comes the word with which each ham and SWL cheer each other to supreme efforts. It's a laconical phrase but it is growing like the V for victory grew.

"See You On The Air, OM!"

They're all working hard so that victory may come soon.

HAM LINGO

NOTE: For the benefit of readers inexperienced in "ham lingo" the following abbreviations are explained: W's and K's are prefixes used before amateur call letters; SWL is shortwave listener; YL is a young lady, and NYL was a young lady before she married; OM, is old man as any amateur may be called regardless of age; and ham is the very affectionate term used to describe any amateur radio operator, male or female.

F-M by Harold Schrock "Con't from page 35

46300 kcs.

WHNF (Ex-W63NY) New York City: Marcus Loew Booking Agency. (WHN). 10,000 watts (?). 2-9 PM.

46500 kcs.

W9NER. Kansas City, Mo.: Midland Broadcasting Co. (KM-RC). 1500 watts.

WDRC-FM (Ex-W65H), Hartford, Conn.: WDRC Inc. 1000 watts. 6 PM-mdt., except Sun. Vs. Italo A. Marino, chief eng.

WLBG (Ex-W65PH), Philadelphia, Pa.; Seaboard Broadcasting Corp.: Appr. sked. 3-11 PM.

46700 kcs.

WABC-FM (Ex-W67NY), New York City: Columbia Broadcasting System. 3000 watts. 3-10 PM Mon. thru Sat. Antenna horizontally polarized. Vs. Wm. James Brown.

WBZ-FM (Ex-W67B), Boston, Mass.: Westinghouse Radio Stations, Inc. 1000 watts. 3-9 PM.

WBBM-FM (Ex-W67C), Chicago, Ill.: Columbia Broadcasting System.

46900 kcs.

WCAU-FM (Ex-W69PH), Philadelphia, Pa.: WCAU Broadcasting Co. 10,000 watts. Off at 4 PM.

47100 kcs.

WSBF (Ex-W71SB), South Bend, Ind.: South Bend Tribune (WSBT). 10,000 watts. 2-8 PM.

WOR-FM (Ex-W71NY), New York City; Bamberger Broadcasting Service, Inc. (WOR) 10,000 watts. 1-7 PM. Off Sun. Vs. Edward J. Content, Asst. Chief eng.

47300 kcs.

WPEN-FM (Ex-W73PH), Phil-

adelphia, Pa.: William Penn Broadcasting Co. 1-4; 6-9 PM daily.

47500 kcs.

WDLM (Ex-W75C), Chicago, Ill.: The Moody Bible Institute of Chicago. 1000 watts. Noon-11 PM week days; Sun. 9 AM-11 PM. (WMBI) Vs. Henry P. Crowell, vice pres.

..... (Ex-W75NY) New York City: Metropolitan Television Co. 1000 watts. 3-9:30 PM daily. Vs. T. B. Grenier, engineering

KDKA-FM (Ex-W75P), Pittsburgh, Pa.; Westinghouse Radio Stations, Inc.

48100 kcs.

WBZA-FM (Ex-W81SP). See WINSN, 42600 kcs. This station may be operating in place of WINSN.

48500 kcs.

WGFM (Ex-W85A), Schenectady, N. Y.: General Electric Co. (Ex-W2NOY) 2-11 PM.

Educational FM Outlets

42100 kcs.

WNYE, Board of Education, New York City.

42500 kcs.

WBEZ, Board of Education, Chicago, Ill. 10-30 AM-2:30 PM. Mon. thru Fri.

..... kcs.

KALW, San Francisco unified schools, San Francisco, Calif.

..... kcs.

WBOE, Board of Education, Cleveland, Ohio.

All schedules are shown in EWT and are subject to change at any time. Call letters in brackets were used prior to Nov. 1, 1943.

ACTIVE HAMS & SWLS

Compiled by
**OWEN CALLIN and
GEORGE WELLS, JR.**

Following is a list of "hams" and prospective "hams" who are keeping the hobby alive by exchanging their colorful cards, notes, etc., with other hams or with SWLs:

- Alitken, Doug (W6RWW), 341 Mt. Vernon, Prescott, Ariz.
- Alvernaz, Henry, Rfd. 1, Mill Valley, Calif.
- Anderman, Bill, 5913 N. Camac St., Philadelphia, Pa.
- Anderson, Cpl. Carl V., 11103835, Brk T-2874, 592 Signal Corps, Camp Crowder, Mo.
- Armen, J. W. (W8TTV), 1302 Vine St., Connellsville, Pa.
- Asbill, Ronald W., Rfd. 1, Minier, Ill.
- Ast, Charles, 59 Chestnut St., Rochelle Park, N. J.
- Atwood, Samuel, Rt. 1, Box 100, Edmunds, Wash.
- Balaam, Harold, 902 E. Palmer St., Compton, Cal.
- Baney, R. L., Co. 456, 43 Camp Wood, Farragut, Idaho. ^{W9ZZA}
- Barthold, Lionel (W9LSPH), 533 Hawthorne Lane, Winnetka, Ill.
- Batson, Grant, Westfield, N. Y.
- Baughmann, James, (W9TDC), 8003 Margaretta Ave., Chicago, Ill.
- Beal, Bill (VIEW) (BLC), 55 Franklin St., Lawrence, Mass.
- Beauchemin, Aldea, 194 Brown Place, Bronx, N. Y.
- Beck, Gene (W7ILC) (ORC), 923 Olympia, Ave., Olympia, Wash.
- Becker, Joe (NRC), 415 S. 11th St., Hamilton, Ohio.
- Bell, Bob, 213 Meridian Ave., Alhambra, Cal.
- Bell, Lyndal (W4IFR) (URC), 313 Park Ave., Clinton, N. C.
- Bell, Milton (VCO), 201 W. Madison St., Rochester, Pa.
- Belliveau, Florine (W1LSPH) 199 St. Joseph Ave., Fitchburg, Mass.
- Beltz, George, 33 9th St., McMechen, W. Va.
- Bennett, Don (W7IVE) (ORC), 117 N. Fir St., Olympia, Wash.
- Bernstein, S. (W2MJV), 186th 8th St., Troy, N. Y.

CARD COLLECTORS

The Victory Radio Club in its monthly Victory News publishes the latest changes and additions to the lists of card collectors in this book. Names of all members listed free. Subscription to Victory News, \$1.00 a year (sample 10c).

VICTORY RADIO CLUB

15 Ellsmere St.
Worcester 5, Mass.

FREE!

Membership in Harris Card Club.
Friends - Fun - Education

E. G. HARRIS

Box S34S West Adams Station
Los Angeles 16, Calif.

MASTER LIST WORLD SHORTWAVE STATIONS

By Frequency

Compiled by Arthur M. Hankins, shortwave editor,

(While every attempt has been made to assure accuracy in all stations listed we think the reader will realize that present world conditions make it impossible to guarantee accuracy. Unlike regular broadcast stations, shortwave stations may shift frequency at will, change call letters, etc. Schedules are constantly being revised. We hope that the reader will keep this in mind when using the list. It is suggested that the reader join the Victory Radio Club and subscribe to the monthly Victory News in order to keep posted on the changes affecting this list.—The Editor)

Stations which are not regular broadcast stations (commercial, governmental, etc.) are indicated by an asterisk (*), all others listed are broadcast stations. Slogans are given in quotations, addresses in parentheses. Abbreviations used are: Prop.—propaganda; sta.—station; mid.—midnight; ex.—except; V in slogan—voz or voice; and the days of the week are abbreviated by using the first two letters of the day.

EASTERN WAR TIME 2000 KILOCYCLE BAND

2320	TGWC	Guatemala City, Guatemala 9-10 AM; 1:45-4:45; 6:15 PM-1:15 AM.
2340	HOA	Panama City, Panama (J. A. Sosa M., Panama) P. O. Box 1121.
2385	—	"Radio Martinique," Fort de France, Martinique.
2400	VUB-3	Bombay, India. (All India Radio.)
2437	HRN	Tegulcigalpa, Honduras. "La V. de Honduras." (Rafael Ferrary).
2495	VUC-3	Calcutta, India. (All India Radio.)
2915	GRC	London, Eng. 7 P. M. to 12:45 A. M. Fall & winter frequency.

3000 KILOCYCLE BAND

3040	YDA	Tandjongpriok, Java (NIROM). Japanese held.
3300	YV1RJ	Coro, Venez. "Radio Falcon". (J. Mendoza).
3305	VUC-2	Calcutta, India. 10:30 AM to noon.
3305	VUB-4	Bombay, India. (All India Radio.)
3310	YV4RX	Maracay, Venez. "Radio Marconi."
3340	YV1RO	Trujillo, Venez. "Radio Trujillo" 8-11 P. M.
3350	YV5RS	Caracas, D. F., Venez. "Radio Libertador." 5:30-10:30 PM. (Cia Rayco).
3365	VUB-2	Bombay, India. 9 A. M.-12:15 P. M.
3365	VUC-4	Calcutta, India. ((All India Radio.)
3370	YV1RT	Maracaibo, Venez. "La V. de la Fe." 6:30-11:30 PM. (P. Bermudez).
3375	YV5RI	Caracas, Venez. ??? to 12:25 A. M.
3380	YV5RY	Caracas, Venez. "Radio Continente", 6-11:30 PM.
3390	YV4RK	Maracay, Ara., Venezuela, "Radio Maracay".
3385	COCW	Havana, Cuba. Authorized and under construction.
3390	YV4RK	Maracay, Venez. "Radio Maracay". 7-9 P. M.
3400	YV5RW	Caracas, Venez. "Radio Tropical." to 11:30 P. M. (Ponce y Viggiani).
3410	YV3RX	Barquisimeto, Venez. "Radio America." (A. Ramos Maggi).
3420	YV2RC	Merida, Venez. till 10:30 P. M. "La V. dela Sierra." (Rafael a Segura).
3430	YV5RX	Caracas, Venez. "La V. de la Patrie." (Mons. J. M. Pellin). 7-8 AM and 5-10 PM.
3435	VUM-3	Madras, India. 9:30 AM. (All India Radio.)
3440	YV1RU	Maracaibo, Venez. 8 to 10:30 P. M. "Radiodifusora Maracaibo."
350	YV6RC	Barcelona, Venez. 9 to 10:30 P. M. "Estado Anzoetegui."
3460	YV4RP	Velencia, Venez. 9 to 11:30 P. M. "Radio Valencia."
3478	HNC	Baghdad Chiffliq, Iraq. Proposed; possibly under construction.
3480	YV4RQ	Puerto Cabello, Venez. 6-10 P. M. (Radio Puerto Cabello).
3480	XZZ	Rangoon, Burma. Status in question. Jap held.
3490	YV3RF	Acarigua, Venez. "La Voz del Llano."
3490	CR7AB	Lourenco Marques, Mozambique. sked in question. P. O. box 594.
3495	VUD-7	Delhi, India. (All India Radio.)
3500	YV5RV	La Guirara, Venez. "Emisoras Vargas."
3775	—	Magadan U. S. S. R. 3-5:30 A. M.
3920	—	Bridgetown, Barbados. 6:15 P. M.

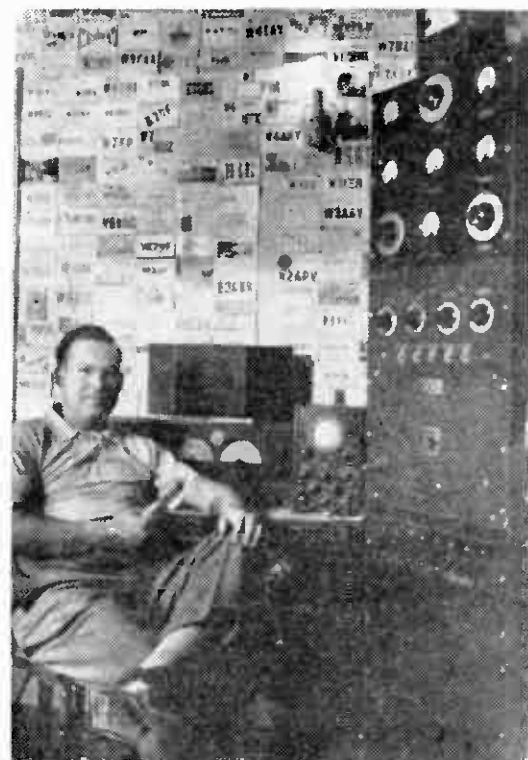
4000 KILOCYCLES BAND

4000	ZGE	Kuala Lumpur, Malaya. (D. G. P. & T. Malaya). Status in question.
4002	CT2AJ	Ponta Delgada, Island of St. Michael, Azores, 6-8 PM.

Bien, Anita (W9TAY) (YLRL), Rt. 4, Box 110, Chagrin Falls, Ohio.
Black, Ada, 407 Spring St., Hamlet, N. C. P.
Blanchard, M. (URC), 4035 Prairie Ave., Brookfield, Ill.
Blick, Doug R. (W9MAE), 1637 S. 13th St., Kansas City 3, Kans.
Boehm, Herbert, 257-08 148th Ave., Rosedale, L. I., N. Y.
Bolan, John A. (W8OQI), Cleveland, Ohio.
Bootman, Dave and Barbara, 65 Eagle Rd., Wembley, Middlesex, England.
Boullé, Robert N. (W2OKM), 159 Orchard St., City Island, N. Y. C., N. Y.
Boyle, L. S. (URC), Sanford, Fla.
Bradley, Lt. Arthur D. (W5GUU), APO Box 25, MAAF, Malden, Mo.
Bradshaw, Norwood, 89-19 78th St., Woodhaven, N. Y.
Brandel, John, Rfd. 2, Newburgh, N. Y.
Brandenburg, George W., Rt. 1, Box 884, Eureka, Calif.
Brandner, Herbert, 4038 Forest Ave., Brookfield, Ill.
Branson, Bob, Box 8, Burleson, Tex.
Brehmer, Milton, 350 Halstead Ave., Mamaroneck, N. Y.
Brown, E. T., 1500 Lake Shore Dr., Chicago, Ill.
Brown, Robert, 721 S. 9th St., Goshen, Ind.
Browne, Dick (W9OAT), Co. B, 33 Sig. Tr. Bn., Camp Crowder, Mo.
Brunsell, James, 5105 N. Winchester, Chicago, Ill.
Buckovec, Al, 19401 Nauman Ave., Euclid, Ohio.
Bull, Tommy, Armed Forces Ind. Sta. Det., Ft. Snelling, Minn.
Burton, Lyle C. (W9JNY), Box 372, Buffalo, Kans.
Cady, Ted, 917 E. 17th St., Moscow, Idaho.
Caldwell, Alton, 69 Brett St., Brockton, Mass.
Calkins Grosvenor, jr., 49 Farlow Rd., Newton, Mass.
Carlton, Carl, 2161 S W14 Terr., Miami, Fla.
Carlton, Ira, Box 16, Buckroe Beach, Va.
Carrington, Thomas Paddy, Box 51, Leavittsburg, Ohio.
Casterline, Don, 623 Edel Ave., Maywood, N. J.
Castle, Charles, 2169 SW 14 Terr., Miami, Fla.
Chace, Boardman (W1BDU), 40 Thornton Pk., Winthrop, Mass.
Christianson, Clarence (W9FLZ), Osage City, Kans.
Cicierska, Mr. and Mrs. Joe (W2FCT) (W1LSPH), 385 E. 8th St., New York 9, N. Y.
Clark, Carrol H. (W7IML), 806 W. End St., Snohomish, Wash.
Clark, John E. (W3JLC) (URC), Box 145, 517 Valley Forge Rd., Bridgeport, Pa.
Clark, Roy Lee, 301 S. 5th St., St. Joseph, Mo.
Clemans, Roy, 211 Willow Ave., Hoboken, N. J.
Clewett, Herbert (W6QE), 704 E. Jefferson Ave., Pomona, Cal.
Clifford, Charles, jr. (W6QMY), 5141 Oakdale Ave., Canoga Park, Cal.
Cobb, Wally, Rt. 5, N. Kansas City, Mo.
Collins, Gene, Box 152, Nitro, W. Va.
Combee, Raymond, 311 N. Spener St., Dalton, Ga.
Conn, Lenore Kingston (W2NAZ), 815 Hayes Ave., Clinton, Okla.
Conrad, Carol A., 8122 Linwood

4097	WND*	Hialeah, Florida. A. T. & T. Co., 8 AM & 8 PM irreg. to Bahamas.
4107	HCJB	Quito Ecuador. 7:45-9:45 A. M.; 12:30-3:45 P. M.; Su. 8 AM-11 PM.
4177.5	WOY*	Lawrenceville, N. J. (A. T. & T. Co., Long Lines Dept., New York).
4177.5	WOO*	Ocean Gate, N. J. (A. T. & T. Co., Long Lines.)
4185	DAF*	Norddeich, Germany (Deutsch Reichpost.)
4200	HJA-3*	Baranquilla, Colombia (Cia Telefonica Central).
4200	HJA-9	Barranca, Colombia. (Cia Telefonica Central.)
4220	HJA-3*	Barranca, Colombia (Cia Tele. Central.)
4240	DAF*	Norddeich, Germany. (Duetsch Reichpost.)
4250	JZQ*	Tokyo, Japan.
4253	HJA-9*	Barranca, Colombia (Cia Telefonica Central.)
4272.5	CZA*	Drummondville, Que., Canada. (Canadian Marconi Co.)
4272.5	VAI*	Vancouver, B. C. Canada. (Dept. of Transport.)
4272.5	WOY*	Lawrenceville, N. J. (A. T. & T. Co.)
4272.5	WOO*	Ocean Gate, N. J. (A. T. & T. Co.)
4273.5	RW-15	Khabarovsk, U. S. S. R. (Narkomsviaz.) 5:30-7 PM and 7:30 8:30 AM.
4280	HJA-5	S. Marta, Colombia (Cia Radiotelefonica Central).
4280	KMI*	Dixon, Calif. (Transpacific Communications, Ltd., San Francisco).
4282	YV8CR*	Caripito, Venez. (Standard Oil Co.)
4282	YV6CW*	Pariaguan, Venez. (Standard Oil Co.)
4290	COX-4	Havana, Cuba (Ejercito Constitucional.)
4320	GDB*	Rugby, England. (Engr. in Chief, GPO, Armour House, London).
4321	YV6CZ*	Guarico, Venez. (SOCONY)
4321	YV6CY*	Pariaguan, Venez. (SOCONY).
4344	VDO*	Vancouver, B. C., Canada (Northwest Telegraph Co.)
4348	CGA-9*	Drummondville, P. Q., Canada. (Canadian Marconi Co.)
4355	CG4Q*	Fifth Meridian, Canada. (Mackenzie Air Service).
	CG4R*	Fort Vermillion, Canada. (Mackenzie Air Service).
	CG4P*	Hay Lakes, Canada. (Mackenzie Air Service.)
	CG4M*	Little Red River, Canada. (Mackenzie Air Service).
	CG4S*	Prosperous Lake, Canada. (Mackenzie Air Service).
4355	IAC*	Coltano, Italy. (Marconi's W. T. Co.)
4400	DAF*	Norddeich, Germany.
4402.5	WOM*	Hialeah, Florida. (A. T. & T. Co.)
4430	GBC*	Rugby, England. (G. P. O. London.)
4465	CFA-2*	Drummondville, P. Q., Canada. (Canadian Marconi Co.)
	CJN*	Drummondville, P. Q., Canada. (Canadian Marconi Co.)
4470	YDE	Semarang, Netherlands Indies. (NIROM). In Japanese hands.
4495	CZK*	Alert Bay, Canada. N. W. Terr. (Northwest Telegraph Co.)
	CZL*	Zeballos, B. C., Canada.
4500	HOP*	Panama City, Panama. (Government Rep. Panama).
	DAS*	Ruegen, Germany. (D. R. P.)
4505	HJA-2*	Bogota, Colombia. (Cia Telefonica Central.)
4512.5	ZFS*	Nassau, Bahamas. (T. Dept. Nassau.)
4535	WDG*	Rocky Point, N. Y. (RCA Communications, Inc., New York City).
4540	WIR*	Rocky Point, N. Y. (RCA Communications, Inc., New York City).
4545	WDW*	New Brunswick, N. J. (RCA Communications, Inc., New York City).
4550	KEH*	Bolinas, Calif. (RCA Communications, Inc., New York City).
4555	WDN*	Rocky Point, N. Y. (RCA Communications, Inc., New York City).
4700	ZQI	Kingston, Jamaica. 6:15-7:15 P. M.; Su. to 6:55 PM only. (112 East Street, Kingston).
4745	HJCX	Bogota, Colombia. "La Voz de Colombia."
4750		Saigon, French Indo China. Parallel with 11780 keys, mornings.
4750	YV1RV	Maracaibo, Venez. 10:45 A. M.-12:45 P. M.; 4:30-10:30 PM. "Ecos del Zulia."
4752.5	WOY*	Lawrenceville, N. J. (A. T. & T. Co*)
	WOO*	Ocean Gate, N. J. (A. T. & T. Co.*)
4755	HJEH	Buenaventura, Colombia (Ferrocarriles Nacionales).
4760	YV5RV	Caracas, D. F., Venez., "Emisoras Vargas."
4765	HJFB	Manizales, Colombia "Radio Manizales."
4770	YV1RY	Coro, Venezuela "Radio Coro". 7:30-11 P. M. Roger Leyba).
4775	HJGB	Bucaramanga, Colombia 7-11 P. M. "Radio Santander."
4777	HND	Baghdad, Iraq. Proposed, may be under construction.

Ave., Cleveland, Ohio.
 Cook, Hazel F. (W7BH), E. Missoula, Missoula, Mont.
 Cook, Helen (W6MWO), 152 S. Reeves Dr., Beverly Hills, Cal.
 Cornell, Raymond W., 1420 Alabama Ave., Gadsden, Ala.
 Cory, Nelly (G2YL), Petersmead, Walton-on-the-Hill, Todsworth Surrey, England.
 Crane, Walter E., Box 1, Orange, Cal.
 Cunningham, Bessie K. (W4HWS) 317 Blvd. N. E., Atlanta, Ga.
 Dailey, Arthur C. (W7BL), 343 27th St., Seattle, Wash.
 Dandois, Joanne (VCO), 338 S. Van Buren St., Green Bay, Wis.
 Dannefer, Keith (W9HYF), Ness City, Kans.



Doesn't this look familiar? Nostalgic memories furnished by Arthur C. Dailey (W7BL) with no current a-tall running thru the mike!

Dauids, Jim, The Choate School, Wallingford, Conn.
 Davis, James, 32 Monterey Parkway, Rochester, N. Y.
 Davis, Jon V., Mangwhati, Castle Rd., Wooten, Woodstock, Oxford, England.
 Dawson, Ralph (W4HGO) (URC), Sanford, Fla.
 Dean, Jim (W9BNP) (URC), 6th & Lime Sts., Lexington 16, Ky.
 Decker, D. M. (LSPH), Decker-ville, Mich.
 De Face, J. M., 4716 Garland A Dallas, Tex.
 Demmin, Alvin C. (W9MXD), 706 Grinnell St., Peoria, Ill.
 Derapelian, Charles (URC), 215 E. 66th St., New York 21, N. Y.
 Diamond, Ann (W2LSPH) (YLRL), 2W 83rd St., New York, N. Y.
 Dimon, K. H., 213 Knapp Pl., Greenport, N. Y.
 Dinsmoor, Roland H., 316 Lexington Ave., El Monte, Cal.
 Dohmann, Evelyn (YLRL) (W2LSPH), 3158 Perry Ave., Bronx, New York, N. Y.
 Downey, E. J., 2819 61st Ave., Oakland, Cal.
 Dunlap, Vernon K., 2605 Wykes Blvd., SW, Grand Rapids, Mich.
 Earle, Robert, 1416 University Ave., Des Moines, Ia.
 Earp, Charles (W3DKT), 4206 Elderon Ave., Baltimore, Md.

- 4780 YV4RO Valencia, Cara., Venezuela, "La Voz de Carabobo," 11 AM-2 PM; 5-10 PM.
- 4780 HUB San Salvador, El Salvador. 2-3 P. M.; 9:30-12 midnight, parallel YSD.
- 4785 CZA Drummondville, Canada, P. Q. (Canadian Marconi Co.)
- 4785 HJAB Barranquilla, Colombia. 6-11:30 P. M. (Clara E. de Buitrago). (Apt. 715).
- 4790 YV6RU Ciudad Bolivar, Venez. 6:30-10:30 P. M. "Ecos de Orinoco."
- 4795 HJFI Ibague, Colombia (Lamus, Rivera, Barrios.)
- 4795 HJDX Medellin Colombia 6-11:35 P. M. "La Voz de Cuenta."
- 4800 YV1RX Maracaibo, Venez. 5 to 11 P. M. "Ondas del Lago." (Nicholas Vale Quintero).
- 4800 ——— "Radio Saigon", Saigon, Fr. Indo China, 7:30-9:30 AM.
- 4805 HJDU Medellin, Colombia 7-9:30 P. M. irreg. (Universidad de Antiocha.)
- 4807 ——— St. Denis, Reunion Islands. (P. T. T. Reunion.)
- 4810 GDU-2* Rugby, England. (G. P. O. London.)
- 4810 YV1RL Maracaibo, Venez. noon-2 P. M.; 5:30-11:30 P. M. "Radio Popular."
- 4815 VIS* Sydney, Australia. (A. W. A.)
- 4815 HJBB Cucuta, Colombia, 6 PM to midnight. "La Voz de Cucuta."
- 4820 XEJG Guadalajara, Mexico. relays XEJB from 11 P. M. to midnight.
- 4820 GDW-2* Rugby, England. (G. P. O. London.)
- 4825 HJED Cali, Colombia. 8-11:30 P. M. "La Voz de Valle."
- 4830 EQD Teheran, Iran. (Ministere des P. T. T.)
- 4830 YV2RN San Cristobal, Venez. 12:30-1:30 & 7-10:30 P. M., daily, exc. Sunday.
- 4835 HJAE Cartagena, Colombia. 8 A. M.-7 P. M.; 8-11:30 PM. "La Voz de los Laboratories Fuentes." (Apt. 31).
- 4840 VUB-5 Bombay, India. (All India Radio.)
- 4840 YV1RZ Valera, Venez. 12:30-2 P. M.; 6:45-9:45 P. M. "Radio Valera."
- 4845 HJCD Bogota, Colombia. 7 P. M.-midnight. "Nueva Granada."
- 4850 ——— Baroda, British India. ((All India Radio.)
- 4855 HJCA Bogota, Colombia. (Radio Cristal, Aptdo. 744) Relays HJCU evenings 9 till 11 PM or midnight.
- 4855 YDX Medan, Netherlands Indies. (NIROM.)
- 4860 TGY Guatemala City, Guatemala. (Tropical R. T. Co)
- 4860 YV5RU Caracas, D. F., Venez. "Ondas Populares." 7:30 AM-1 PM; 6-11:30 PM.
- 4865 PRC-5 Belem, Para, Brazil. 6-9:05 P. M. (Radio Club do Para, Rua Jurunas 479).
- 4865 HJBJ S. Marta, Colombia.
- 4865 HJEX Cali, Colombia 7:00-11:45 P. M.
- 4875 HJFH Armenia, Caldas, Colombia. 9 A. M.-12 noon; 7-11:30 PM.
- 4880 IUM* Addis Abeba, Ethiopia. Status in question, Probably destroyed.
- 4880 VUC-5 Calcutta, India. (All India Radio.)
- 4885 VUB-2 Bombay, India 9-11:30 A. M. (All India Radio.)
- 4885 HJDP Medellin, Colombia, 9 AM-2 PM; 7 PM-12 midnight. "Emisora Claridad."
- 4890 I2AA Addis Abeba, Ethiopia. Present status unknown. Probably deleted.
- 4890 YV5RM Caracas, D. F., Venez. "Radiodifusora Venezuela."
- 4895 HJCH Bogota, Colombia. (Apartado 565). 12:30-3 PM; 7 PM-midnight. "La Voz de la Victor."
- 4895 CEC* Santiago, Chile. (Cia. A. R. Chile), point to point.
- 4895 YDP-3 Soerabaja, Netherlands Indies. Japanese held.
- 4895 CGA-8* Drummondville, P. Q., Canada. (Canadian Marconi Co.)
- 4910 YDR Tandjongpriok, Netherlands Indies. Now in Japanese possession.
- 4915 HJFC Pereira, Caldas, Colombia.
- 4920 YV5RN Caracas, Venez. 5-11:30 PM "Radio Caracas" (Box 2009.)
- 4920 VUD-8 Delhi, India. (All India Radio.)
- 4920 VUM-2 Madras, India. (All India Radio.)
- 4925 HJAP Cartagena, Colombia. 10 AM-2 PM; 8-11:15 PM except Sundays.
- 4940 XNTR Tsingtao, China. 8:30 AM to 9:30 or 9:50 AM.
- 4945 HJCW Baranquilla, Colombia. 7:30-9 AM; & 8:30 PM to mid.
- 4945 YDF Soerabaja, Netherlands Indies. Now in Japanese possession.
- 4950 YVRA Caracas, Venez. Under construction. Not yet reported as on air.
- 4954.67 ZRI Johannesburg, South Africa. (S. A. B. C.)
- 4955 HJCQ Bogota, Colombia.
- 4960 VUD-2 Delhi, India. (All India Radio.)
- 4960 VUM-4 Madras, India. (All India Radio.)
- 4965 HJAE Cartagena, Colombia. 6-7 AM & 8-11:30 PM.
- Eberhart, Kamona (W8SKZ), 6111 Gladys Ave., Cincinnati 24, Ohio
- Edick, Robert, 120 Barton Ave., Utica, N. Y.
- Edwards, Stanley, jr., 390 Old Orchard Lane, Hillcroft, York, Pa.
- Elliott, Albert, jr., 309 S. Summit Ave., Charlotte 2, N. C.
- Elliott, G. C., 218 Loma St., Nogales, Ariz.
- Ellis, Robert (LSPH) (URC), 44 W. Park Dr., Shelby, Ohio.
- Ellison, Dick, jr., 1424 Stapler Pl., Wilmington, Del. (Now in marines.)
- Enz, Joseph (URC), 286 Central Ave., Brooklyn, N. Y.
- Eshorn, Phillip C. (W2LAH), Garden City, L. I., N. Y.
- Ester, Lonnie, 420 Clifford Dr., DeKalb, Ill.
- Evans, Rufus, 417 E. 17th St., Hays, Kans.
- Evans, Mrs. Dorothy (W1FTJ) (YLRL), Box 312, Concord, N. H.
- Falk, Robert (W9YCG) (URC), Brainard, Nebr.
- Falrath, Ben, 2210 Pacific Ave., Alameda, Cal.
- Feehan, Joseph P., 401 Orms St., Providence 8, R. I.
- Feggetti, Howard, 1901 Park Dr., Los Angeles, Cal.
- Fehr, Clara F. (W9JMI), Willmar, Minn.
- Felton, Victor, 2405 6th Ave., Dayton 5, Ohio.
- Fernane, James M. (W1JOP), 10 Cottage St., Medfield, Mass.
- Finley, Charles L. (W8VQX), 742 Elk St., Franklin, Pa.
- Fitzgerald, Alice M. (W1FRO), 34 Olcott St., Watertown, Mass.
- Fogetti, Howard J. (W6WY), 1901 Park Dr., Los Angeles, Cal.
- Ford, O. H. (W5HXH), Granite, Okla.
- Frederick, Johnny, 728 Walnut St., Yuba City, Cal.
- Friedman, Anna E. (W2LSPH), 193 80th St., New York, N. Y.
- Fuchs, George E., 347 N. Fulton Ave., Mt. Vernon, N. Y.
- Fuller, Robert (W7AIU) (ORC), Olympia, Wash.
- Gantert, Pauline (W2LSPH) (YLRL), 348 W. 23rd St., New York N. Y.
- Garland, Gladys E. (W4GWT), Biltmore, Elizabethton, Tenn.
- Garrett, Donald, 507 Andrew St., Greensboro, N. C.
- Gash, Lee (W9RNK), 660 SW 4th St., Miami 36, Fla.
- Gause, Louise, jr. (W9SCB), Valentine St., Festus, Mo.
- Gellerman, Bob, 518 Prospect Ave., Cloquet, Minn.
- Gerke, Harry W. (W8TUJ) (URC) Broadford, Pa.
- Gianino, Dick (WQ-1A), 135 Tedesco St., Marblehead, Mass.
- Gibbs, Fred M. (W1JYA), 812 River St., Fitchburg, Mass.
- Gillentine, Bob (LSPH) (URC), 212 Briggs St., Waxahachie, Tex.
- Golisz, Leo, 411 Front St., Greenport, N. Y.
- Gooding, Leonore M. (W1MIM-8), Border Patrol, Ogdenburg, N. Y.
- Goodman, Richard, 2601 Rozzelle Ferry Rd., Charlotte, N. C.
- Gottwald, Karl (W6TGZ), 4011 50th St., San Diego, Calif.
- Gould, Maurice (W7DDY) (ORC), Rt. 6, Box 63, Olympia, Wash.
- Grabscheid, Jean (LSPH) (YLRL), 251 W. 92nd St., New York, N. Y.
- Graf, Edward G. (W8SJV), 81 King St., Tonawanda, N. Y.
- Grant, Arthur (W5KHH), 405

- 4965 I2AA Addis Abeba, Ethiopia. Status in doubt. Probably off air.
- 4975 HJAG Barranquilla, Colombia. Noon to midnite; Su. noon to 9 PM.
- 4975 GBC* Rugby, England. (G. P. O. London.)
- 4990 YV3RN Barquisimeto, Lara, Venez. 12:30-2:30 PM; 8-11:30 PM. Relays NBC 9-10 PM.
- 5000 KILOCYCLES BAND**
- 5000 WWV* U. S. A. Standard frequency station. 24 hours a day.
- 5003 HCT Guayaquil, Ecuador. (Gobierno de Ecuador.)
- 5025 ZFA* Hamilton, Bermuda. (Cable & Wireless, Ltd.)
- 5040 RIR* Tiflis, USSR. (Address Radio Centre, Moscow).
- 5045 PMY* Bandoeng, Java. Status in question. In Japanese possession.
- 5052.5 WOT* Lawrenceville, N. J. (A. T. & T. Co., Long Lines Dept., N. Y. C.)
- 5052.5 WDI* Ocean Gate, N. J. (A. T. & T. Co., Long Lines Dept. N. Y. C.)
- 5059 TFI* Reykjavik, Iceland. (Dir. Gen. P. & T.)
- 5067.5 WPM* Lawrenceville, N. J. (Same as WOT on 5052.5)
- 5077.5 WCN* Lawrenceville, N. J. (Same as WOT on 5052.5)
- 5085 WRB* Lawrenceville, N. J. (Same as WOT on 5052.5)
- 5110 KEG* Bolinas, Calif. (R. C. A. Communications, Inc.)
- 5125 TFI* Reykjavik, Iceland. Sometimes used for broadcasting.
- 5140 EDR-3* El Tablero, Spain. (Compania Telefonica Nacional de Espana.)
- 5140 EHZ* El Tablero, Spain. (Compania Telefonica Nacional de Espana.)
- 5145 PMY Bandoeng, Netherlands Indies. Status in doubt. Probably off air.
- 5190 WEP* Rocky Point, N. Y. (R. C. A. Communications, Inc.)
- 5255 DOF* Koenigs Wusterhausen, Germany. (D. R. P.)
- 5260 WQN* Rocky Point, N. Y. (R. C. A. Communications, Inc.)
- 5265 CEC* Santiago la Granza, Chile. (Cia I. R. Chile.) sometimes broadcast.)
- 5265 KEC* Bolinas, Calif. (R. C. A. Communications, Inc.) Address New York, N. Y.
- 5270 WEU* New Brunswick, N. J. (Same as above, New York City.)
- 5330 HRL-6* LaLima, Honduras. (Tropical R. T. Co.)
- 5335 DOG* Koenigs Wusterhausen, Germany. (D. R. P.)
- 5345 EDR-4* Palma de Mallorca, Spain. (C. T. N. E.)
- 5360 TIK-6* Limon, Costa Rica. (Cia R. I. Costa Rica.)
- 5360 TIK-7* Puntarenas, Costa Rica. (same as above.)
- 5365 HJA-6* Medellin, Colombia. (Cia Radiotelefona Central.)
- 5370 YNW-1* S. Pedro de Pis Pis, Nicaragua. (Bonanza Mines Co., Inc.)
- 5380 LPG-2* General Pachecho, Argentina. (Direct. Gen'l. des Poste et el Teleg.)
- 5380 HJA-7* Cucuta, Colombia (Cia Telefonica Central.)
- 5380 HJA-8* Neiva, Colombia (Cia Telefonica Central.)
- 5380 HJB-7* Pasto, Colombia (Cia Telefonica Central.)
- 5380 HJB-8* Popayan, Colombia. (Cia Telefonica Central.)
- 5390 HET-2* Schwarzenburg, Berne, Switzerland. (Admin. des P. T. T.)
- 5395 HET-2* Schwarzenburg, Berne, Switzerland (Admin. des P. T. T.)
- 5400 HJA-7* Cucuta, Colombia. (Cia Telefonica Central.)
- 5400 HAT* Budapest, Hungary. Sometimes used for broadcasting.
- 5440 RRRN* Irkutsk, U. S. S. R. A station is operating on this frequency as Radio Centre, Moscow. May possibly be using this transmitter. Latest available sked; 6-6:30 PM; 6:48-7:25 PM to No. America.
- 5555 I2RO Roma-Prato Smeraldo, Italy (E. I. A. R.)
- 5570 XEAM Matamoros, Mexico. Around 2 PM.
- 5600 DAN* Norddeich, Germany. (D. R. P.)
- 5600 DAF* Norddeich, Germany. (D. R. P.)
- 5627.5 DAF* Norddeich, Germany. (D. R. P.)
- 5630 DAF* Norddeich, Germany. (D. R. P.)
- 5635 DAS* Riegen, Germany. (D. R. P.)
- 5660 I2RO Roma-Prato Smeraldo, Italy (E. I. A. R.)
- 5700 LSP-3* Hurlingham, Argentina. (Compania Nacional, 143 Defensa, B. A.)
- 5720 MTCY Hsingking, Manchukuo. 8-11 AM.
- 5725 HC1PM Quito, Ecuador. 9-11 PM exc. Sunday. "Radio Palomar" (Box 664.)
- 5730 JVV* Tokyo Nasaki, Japan. (Min. des Comm.)
- 5750 EDS* Pozuelo del Rey, Spain. (C. T. N. E.)
- 5750 YNJAT Leon, Nicaragua. 8-11:20 PM. "La Voz del Aire." Paramaribo, Surinam, 7:30-9:45 PM.
- 5750 JZN* Tokyo Nasaki, Japan. (Min. des Comm.)
- 5780 CMA-5* Havana, Cuba (Cuba Transatlantic Tel. Corp.)
- 5780 CML-5* Santiago de Cuba, Cuba.
- 5790 JVU* Tokyo, Japan. (Min. des Comm.)
- 5810 COBC Havana, Cuba. Under construction. To be used as a relay station.
- Hilton St., Monroe, La.
- Gregor, Frederick G., Sheboygan, Wis.
- Gribble, H. V., Traffic Bx. 42, Minneapolis, Minn.
- Groebe, Ray (W2AEY), 338 Elmora Ave., Elizabeth 3, N. J.
- Grosso, Joe, 660 Baltimore Pike, Springfield, Pa.
- Grunert, George J., 1523 24th St., Detroit, Mich.
- Guiberson, Max (W7GKY) (ORC) Rt. 3, Box 634, Olympia, Wash.
- Guyer, Frank, Calverton, L. I., N. Y.
- Hadley, Grace (YLO) (URC), 12 Pine St., Peterborough, N. H.
- Hafford, W. H. (W6ROP), Rt. 7, Box 66, Phoenix, Ariz.
- Hall, Dorothy (W2IXY) (YLRL), 186-18 Williamson Ave., Springfield, L. I., N. Y.
- Hall, Fred C. (W1MZE), 97 Cambridge St., Winchester, Mass.
- Hall, Pfc. Vincent, 93rd TSS Bks. 827, Scott Field, Ill.
- Hannibal, Dan, 214 Bridge St., Greenport, N. Y.
- Hantz, Norman A. (W8-LSPH), 192 Bankway, Lehigh, Pa.
- Harding, Gil (W7BVM) (ORC), 927 Bethel St., Olympia, Wash.
- Hardison, J. A. (W4HQM), Rfd. 3, Humboldt, Tenn.
- Harlan, Bruce, 1204 E. Bronson, South Bend, Ind.
- Harper, Bill, jr. (URC), 36 E. Parker St., Waterloo, Ia.
- Harris, Gil, 215 E. Main St., Northampton, Mass.
- Harris, William (W8WWK), 873 Prospect Rd., Ashtabula, Ohio.
- Harris, William C., 2114 Stearns Rd., Cleveland 6, Ohio.
- Harrison, Helen (W2-LSPH) (YLRL), 10 Monroe St., New York, N. Y.
- Hart, Marion (W2LSPH) (YLRL) 11 E. 73rd St., New York, N. Y.
- Harwood, Morris (W3CBQ) (URC), 3104 Edgewood Ave., Richmond 22, Va.
- Haynes, G. C. (W4HSO), Box 2688 Raleigh, N. C.
- Hayworth, Robert (W2-LSPH), 33 E. Greenwood Ave., Oaklyn, N. J.
- Hazelton, Capt. J. W. (W8UBN-4) St. Augustine, Fla.
- Heckman, E. A. G. (W2MJS), 1928 E. 23rd St., Brooklyn, N. Y.
- Heim, Paul K., Seminary Campus, Gettysburg, Pa.
- Heiss, Frank, 91 Durdin St., Cranston, R. I.
- Heritage, Shirley L. (W7ISL) 808 W. Kiernan, Spokane, Wash.
- Herman, W. H. (VCO), 868 E. 11th Rd., Cleveland, Ohio.
- Herndon, E. S., Rfd. 5, Paris, T
- Higginbotham, Pvt. Ed, 18194 301 Tr. Group, Sheppard Fl Tex.
- Higgins, Bob (W9YSH) (URC), 420 N. Lincoln, Aberdeen, S. D.
- Hill, Fred C. (W3IET), 12 Sith St., Rehoboth Beach, Del.
- Hockenberry, Milton L., Ringoes, N. J.
- Hocking E. J., 9 Lambert Ave., E. Weymouth, Mass.
- Hoffman, Inga (W9KOY), Box 300, Bismarck, N. D.
- Hofford, W. H., 236 N. Robson St., Mesa, Ariz.
- Holierman, Robert, 401 Milton St., Alliance, Ohio.
- Holesovsky, Otto P. (W9LEF) (URC), Brainard, Nebr.
- Holley, Joe W. 4700 Grande Ave., Fort Smith, Ark.
- Hollingsworth Tom, 720 Alledale St., Baltimore, Md.
- Holsinger, Robert (W8SSF), Rt.

5810	HRB-3*	Tegucigalpa, Honduras. (Tropical R. T. Co.)
5820	TIO-7*	Buena Vista de Osa, Costa Rica. (Cia R. I. Costa Rica.)
5820	CEC*	Santiago La Granja, Chile. (Cia R. I. Chile.) Sometimes broadcast.
5825	HJA-5*	Santa Marta, Colombia. (Cia Telefonica Central.)
5845	KRO*	Kahuku, Hawaii. (RCA Communications Inc.)
5850		Santiago, Dominican Rep. 7:40 PM to midnite.
5852.5	WOB*	Lawrenceville, N. J. (A. T. & T. Co., Long Lines dept. N. Y. C.)
5855	EDR-3*	El Tablero, Spain. (C. T. N. E.)
5860		"Emisora Nacional" Lisbon, Portugal. 3:30-7 PM.
5865	PZX-3	Paramaribo, Surinam. 7:27-9:26 PM ex. Sa. Su. Sat. 5:40-8:40 PM; Sun 9:10-11:40 AM.
5875	HRN	Tegucigalpa, Honduras. 7 PM-midnite. Su. to 10:45 PM.
5875	TIGPH	San Jose, Costa Rica, "Alma Tica" (Apartado 800).
5882		Capetown, South Africa. 12:45-2:30 AM (SABC).
5890		Moscow, U. S. S. R. 11 PM to 4 PM intermittently. May be a relay of the Radio Center programs by commercial transmitter as there are two such stations on this frequency. RRRD being in Moscow.
5900	LRS-1	Buenos Aires, Argentina. 6-11 PM.
5900	ZNB	All four in Bechuanaland, So. Africa, reported
5900	ZNF	as sometimes carrying relay for S. A. B. C.
5900	ZNC	from 12:45-2:30 AM.
5900	ZND	
5910	RTM	Khabarovsk, U. S. S. R. irregularly relays Radio Center programs.
5915	VPR-2*	Stony Hill, Jamaica. (Cable & Wireless Ltd.)
5935	RAL*	Moscow, U. S. S. R. Very irregular "Radio Center".
5935	OAX4W	Lima, Peru. 5 PM to 1 AM approximately.
5936	PJC-1	Willemstad, Curacao. 9-9:15 AM; 12:30-1:30; 7:45-10:20 PM.
5940		Khabarovsk, U. S. S. R., "Radio Center", 3-10 AM.
5945	ZRD	Durban, South Africa 12:45-2:30 AM; 7:30-8:10 PM & 11 AM-5 PM.
5955	HH2S	Port-au-Prince, Haiti. 8 AM to noon; 8-10:40 PM & 1-3 PM. (Address; Societe Haitenne de Radiodifusion, P. O. Box B-81, Pt. au Pr.)
5965	HJN	Bogota, Colombia (Min. des P. et T.)
5968	HVJ	Vatican City. 2:30-4:30 PM; 8-8:20 PM Th.; 9:30-9:50 PM Su. & Th.
5970	VONH	St. Johns, Newfoundland. 8:30 AM-2:30 PM & 5-9:35 PM.
5972	HC1QRX	Quito, Ecuador, 7:45-9 AM nights to midnite or later.
5985	OAX4P	Huancayo, Peru. 10 PM to midnite. "Radio Huancayo" (Casilla 854.)
5985	WKRD	New York City, N. Y. 12:45 AM to 4:45 AM.

6000 KILOCYCLES BAND

6000	CP-31	La Paz, Bolivia. Authorized but not yet in operation.
6000	ZFY	Georgetown, British Guiana. 6:40-8:45 AM; 10:45 AM-12:45 PM; 3:15 PM-8:30 PM. English news at 7 AM; noon; 3:45 & 6:45 PM.
6000	XEBT	Mexico City, Mexico. 11 AM-1:30 AM. (P. O. Box 7944.)
6000	HPX-6	Panama City, Panama. (Official government station. Rarely heard.)
6000	OAX2A	Trujillo, Lib., Peru, "Radio La Nacion", 2 AM-12:30 AM. (Pizarro 511-A)
6002	ZOY	Accra, Gold Coast, Africa 6:30-7:15 AM; 12:15-3:15 PM. News at 3 PM. (Supt. of Bdsg. Head Office, Bdsg. Dept., Accra, Gold Coast.)
6005	HP5K	Colon, Panama. 8 AM-2 PM. 6 PM-midnight. "La Voz de la Victor."
6005	CFCX	Montreal, P. Q., Canada 8 AM-11:15 PM. (Canadian Marconi Co., Box 1690.)
6007	ZRH	Johannesburg, South Africa. 12:45-2:30 AM; 11 AM-5 PM. (S. A. B. C.)
6010	PRA-8	Recife, Brazil. 4-10 PM. "A Voz Do Norte." (Radio Club de Pernambuco.)
6010	GRB	London, England. 12:05-12:30 AM. 3-3:15 AM; 1-8 PM. (B. B. C.)
6010		Belgian Clandestine Station, 4:30-4:43 PM.
6010	CJCX	Sydney, Nova Scotia. 7 AM-2:30 PM & 6-11 P. M. (Eastern Bdsters. Ltd.)
6010	OAX4V	Lima, Peru, 1 PM-1 AM. "Radio America."
6010	VUD-3	Delhi, India 8:25-9:35 AM. (All India Radio.)
6010	DXO	Berlin, Germany. (D. R. P.) Sked unknown.
6010	VUC-5	Calcutta, India. Proposed.
6015	HI3U	Santiago, D. R. 7:57-9:55 AM; 12:40-2:40 & 5:40-6:40 AM. Address; (La Voz del Comercio, Apartado 23, Santiago.)

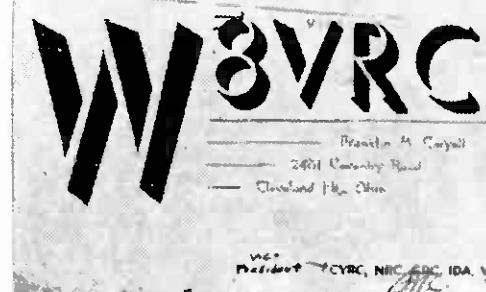
5, Celina, Ohio.
Hott, Lester (W7SA) (ORC), Rt. 4, Box 19A, Olympia, Wash.
Howard, Eldred, Armington, Ill.
Howe, William, Box 436, Tuscaloosa, Ala.
Howland, Pfc. Robert L. care of Amer. QRA club, 239 Nelson Dr. Baton Rouge 14, La.
Huberman, Frank (W2JIL), 673 Conn Blvd., E. Hartford, Conn.
Hunter, Darrel J. (W8UVI), Rt. 3, Van Wert, Ohio.
Hydron, John R., 2537 Church St., Deckerville, Mich.
Iverson, Alden (W7ERU) (ORC), 2012 N. Bethel St., Olympia, Wash.
Jacobs, Lionel, 524 Atchison St., Pasadena, Cal.
Jobe, C. L. (W5HZQ), Box 64, 29 Grove St., West Point, Miss.
John, Evlan (W7IWM) (ORC), Olympia, Wash.
Johnson, Deene, 1111 35th St., Everett, Wash.
Johnson, Dwight (W7CMX) (ORC), O'Farrell Ave., Olympia, Wash.
Johnson, Ruben (W7EGV) (ORC) Rt. 7, Box 559, Olympia, Wash.
Jones, Pat, Box 12, Armington, Ill.
Kapp, Ed, Co. C. ASTP, 4760th SCU, Grinnell, Ia.
Kaprivnakar, Al (W8WVG), 533 Grant St., Springdale, Pa.

S. W. L. (Short Wave Listener) Card Swappers

To the new reader: SWL's are short wave listeners, who have made a hobby of exchanging printed cards. These cards are usually printed in bright colors featuring the name of the listener or his club insignia. The cards are also used in reporting to radio stations but the co-hobby of swapping cards works very well with the real hobby DX and many SWL's are glad to send their card if you'll send them your own printed card. SWL card swappers are included with hams in this list.

Katz, Frank F., 2914 W. Norris St., Philadelphia 21, Pa.
Kazmarek, F. A. (W6EMZ), Senior High School, Santa Cruz, Cal.
Kelly, William, 3627 W. 62nd Pl., Chicago, Ill.
Kiel, Eugene, 505 Washington Ave., Linden, N. J.
Kierski, Ben D. (IRT), 2011-A S. Jefferson Ave., St. Louis, Mo.
Kill a Watt Radio Club, 620 Harrison St., Topeka, Kans.
Killian, Dan, jr. (W4-LSPH), 2153 SW 12th St., Miami, Fla.
King, Derwin (W5-LSPH), Rfd. 4, Box 253A, West Monroe, La.
Kittredge, George D., Meadowview Orchards, Mt. Vernon, N. H.
Knowles, Roger, 56 7th St., Rignfield Park, N. J.
Kopp, Bud, Martin Ave., Rockford, Ill.
Kravatz, George, 7919 20th Ave., Brooklyn, N. Y.
Kressek, Fabian (W7HWG) (ORC) 3130 S. Pear St., Olympia, Wash.
Kucera, Louis, P. O. Box 102, Apache, Okla.
Lacy, Lou (W5IKC), Box 794, Phillips, Tex.
Lamsley, Eve, 59 Canning Rd., Wealdstone, Harrow, London, England.
Lane, Roger D. (URC), Mansion House, Greenfield, Mass.

- 6018 HJCX Bogota, Colombia. Mornings to 8 AM & eve. to 11:40 PM or 2 AM.
- 6020 CP-41 Sucre, Bolivia.
- 6020 DJC Berlin, Germany. 1:45-5:30 PM to Africa. Also other times.
- 6020 PGD Kootwijk, Holland. (Admin. des P. & T.) German domination.
- 6020 VX5W Halifax, Nova Scotia. (Maritime Bdctsg. Corp.)
- 6023 XEUW Mexico City, Mexico. 8 AM. (Fernando Pazos Sosa, Av. Independencia 98.
- 6025 HI1J San Pedro, D. R. 12:40-2:40; 6:55-8:25 PM. Fausto M. Donastorg, Apt. 204.)
- 6025 PGD Kootwijk, Holland. (Admin. des P. & T.) German domination.
- 6030 DXP Berlin, Germany. 2:15-6:45 PM; 9 PM-1:30 AM. D. R. P.) Xmitter at Zeesen.
- 6030 XEKW Morelia, Michoan, Mexico. 9 AM-2 PM; 6PM-12:40 AM. "La Voz de Morelia."
- 6030 CFVP Calgary, Alberta, Canada. 8:30 AM-2 AM. "The Voice of the Prairies."
- 6030 CR7AA Lourenco Marques, Mozambique. 1-2; 5:30-8 AM and 1-5 PM.
- 6030 RW-96 Moscow, U. S. S. R. Not known to be used.
- 6030 RW-97 Novosibirsk, U. S. S. R. Not known to be used.
- 6030 Komsolok. Could be using one of above xmitters.
- 6030 HP5B Panama City, Panama. 11:30 AM -3 PM. & 7-11 PM. "Estacion Miramar." (Apartado 910.)
- 6035 Hsingking, Manchukuo. 4-10:15 AM & 7-8 PM. Jap Propaganda sta.
- 6035 TIRVM Los Juntas, Costa Rica, "La Voz de la Guanacaste."
- 6035 RW-100 Tachkent, U. S. S. R. relays "Radio Center" using voice.
- 6035 OAX6B Arequipa, Peru, "Radio Landa."
- 6040 WRUW Boston, Mass. 2:15 AM-4 AM directed to Europe.
- 6040 WRUS Boston, Mass.
- 6040 RW-98 Moscow, U. S. S. R. Sometimes use voice.
- 6040 COBF Havana, Cuba. "Radio Universal." Relays CMBF. (Prado 159.)
- 6045 XETW Tampico, Tamaulipas, Mexico. 8 PM-2 AM. "La Voz De Tampico."
- 6050 GSA London, England. 11:45 PM-4:30 AM; 6:45-8:45 PM. (B. B. C.)
- 6050 HP5F Panama City, Panama. Probably off air.
- 6050 OAX6A Arequipa, Peru. "Radio Arequipa" (La Merced 117.)
- 6050 RW-59 Irkutsk, U. S. S. R. Uses voice occasionally.
- 6055 HIL Trujillo City, D. R. 1:30-3 PM & 5:10-9 PM. Ex. Su.
- 6055 HJFA Periera, Colombia. 10 AM-1 PM & 7:30-11:20 PM. "La Voz de Periera."
- 6055 HER-2 Schwarzenburg, Switzerland. (Admin. des P. et T.)
- 6055 OAX6E Arequipa, Peru, "Radio Continental." Relays LR-3, "Radio Belgrano." May be Argentinian or Uruguayan.
- 6060 WCDA New York City, N. Y. 7 PM-2 AM to Central America.
- 6060 KWID San Francisco, California.
- 6060 WCBX New York, N. Y.
- 6060 WCRC New York, N. Y.
- 6060 Bangkok, Thailand. 8 AM-10:30 AM. Jap controlled.
- 6065 SBO Stockholm, Sweden. Heard at times around 5:30 PM. (D. G. T.)
- 6065 TIWS Puntarenas, Costa Rica. "Ecos Del Pacifico" 8:30-12:15 AM; Su. 3-9 PM.
- 6070 CFRX Toronto, Canada. 7 AM-1:30 AM. Su. 11 AM-midnight. (Rogers Radio.)
- 6070 RW-79 Novosibirsk, U. S. S. R. operating 4:30 AM from Komsomolsk.
- 6075 CXA-3 Uruguay. In reserve, not yet in operation.
- 6079 DJM Zeesen, Germany. (D. R. P.) Not reported or heard.
- 6080 GRR London, England. 11:45 PM-4:30 AM. (B. B. C.)
- 6080 WLWO Cincinnati, Ohio. 12:15 AM-3 AM, directed to Europe.
- 6080 CKFX Vancouver, B. C., Canada. 9:30 AM-2:30 AM. 1504 Sun Bldg.)
- 6080 ZL-1 Wellington, New Zealand. Proposed.
- 6082 OAX4Z Lima, Peru. 6 PM-12:30 AM; "Radio Nacional." (Av. Petit Thouars 447.)
- 6085 2RO-1 Rome, Italy.
- 6085 VUM-2 Madras, India. (All India Radio.)
- 6085 ZIZ Basse Terre, St. Kitts, B. W. I. Not heard recently.
- 6090 ZNS-2 Nassau, Bahamas. 9-9:15 AM; 1:45-2:15 PM; 6-10:30 PM (P. O. Box 48)
- 6090 DXO-2 Zeesen, Germany. Authorized.
- 6095 ZHJ Penang, Straits Settlements, now in Jap hands.
- Law, Mr. and Mrs. Ernest W., 10439 69th, Edmonton, Alta., Canada.
- Lawson, Logan (URC), 1403 Christy Ave., Louisville, Ky.
- Lee, Pvt. James, Hdq. Co. 94, Rcn. Bn., 14th Div. APO 446, Camp Chaffee, Ark.
- Lewis, Phillip, 27 Maplewood Terr., Hamden, Conn.
- Linn, George, 726 Roselle St., Linden, N. J.
- Litschauer, Lt. Anthon (W4ACZ) 671 Alegra Ave., W. Palm Beach, Fla.
- Loewner, Stanley, 1708 Ellamont St., Baltimore, Md.
- Loken, Leo (W7IOQ), Rt. 3, Everett, Wash.
- Lyon, Harold B. (W4GZY), Homestead, Fla.
- Macovski, Albert, 2531 Olinville Ave., Bronx, N. Y.
- Mahen, Lionel, 8 Glen St., Franklin, N. H.
- Magnum, Ross (W4HYB), Millington, Tenn.



A typical SWL card—this one used by Victory Radio Club member Frank Coryell.

- Manning, Father A. J. (W8SIM) (URC), 427 E. Broadway, Alliance, Ohio.
- Magriello, Joseph A., P. O. Box 227, Haskell, N. J.
- Marglin, Mickey (W9ZTU), General delivery, Fort Knox, Ky.
- Martin, Rev. Albert E. (URC), 3705 Ridgecroft Rd., Baltimore 6, Md.
- Martin, Allen (W7IYB) (URC), 910 S. 16th Ave., Yakima, Wash.
- Martin, Staunton E. (W2NLL) (URC), 1950 Vauxhall Rd., Union, N. J.
- Martin, W. L. Ray (URC), 718 N. Lakewood Ave., Baltimore 6, Md.
- Mason, Janice, Box 66, Arming-ton, Ill.
- Matlock, Dyer, jr. (URC), 18 N. High St., Winchester, Tenn.
- Matzen, Ted E., 1900 N. Merriam Ave., Miles City, Mont.
- Mayer, Mrs. Frances (YLRL) (W2-LSPH), 221 E. 72nd New York, N. Y.
- McBride, G. E., Rfd. 3, Orch. Ave., Rock Mount, Va.
- McCafferty, Catherine (W2NSL) (YLRL), 6212 Washington Ave. Spring Lake, N. J.
- McElroy, P. J., 1830 N. Duncan St., Baltimore, Md.
- McFadden, Catherine (W2-LSPH) (YLRL), 208 Nagle Ave., New York, N. Y.
- McGowan, Charles W., 3417 N.W. 20th St., Oklahoma City, Okla.
- McGregor, Jim, P. O. Box 64, Elyria, Ohio.
- McLeod, Newton (URC), Box 176, Dixfield, Me.
- McMullen, Bob, 2215 N. W. 25th St., Oklahoma City, Okla.
- Meyer, William, 835 Low Ave., Waukegan, Ill.
- Miles, Harold Lloyd (W5JOS), Rt. 8, Box 98, Houston, Tex.

6095	OAX4H	Lima, Peru, until 1 AM., "Radio Mundial."	Miller, Benny (W4GNS), Spring City, Tenn.
6095	ZYB-7	Sao Palo, Brazil. 5-10 P. M.	Miller, Harold (W9EAT), Cersco, Nebr.
6095		German Catholic Station. 12:15-12:30 AM irreg.	Mitchel, Ensign V. M., NTS Matthews N-24, Harvard Uni., Cambridge, Mass.
6097	HJFK	Periera, Colombia. 8-9 AM; 6:45-11:30 PM. "La Voz De Amigo."	Montana, Ann (URC), Rfd. 4, Duly Ave., Rome, N. Y.
6097	CR7AA	Mozambique.	Moore, Jack (URC), Lake Crystal, Minn.
6097.5	ZRK	Capetown, South Africa. 12:45-2:30 A. M. (S. A. B. C.)	Morris, H. A. (W4KZ), 102 N. Franklin Rd., Greenville, S. C.
6097.5	ZRJ	Johannesburg, South Africa. (S. A. B. C.)	Morris, Robert C., 233 W. Norman Ave., Arcadia, Fla.
6100	WNBI	New York, N. Y.	Morrisey, Mike, Rt. 3, Box 271, Portsmouth, Va.
6100	WRCA	New York, N. Y.	Morss, S. R., Rfd. 3, Bradford, Mass.
6100		"Radio Metropole" Belgrade, Yugoslavia. (Formerly YUA & YUB.)	Muller, Paul W. (W1XHE), 126 Day St., Jamaica Plain, Mass.
6100	RW-99	Irkoutsk, U. S. S. R. Operates occasionally as "Radio Center" Relay.	Murphy, Ken, 3 Harvey St., St. Johnbury, Vt.
6101	XGAP	Peiping, China. 5 AM-8:55 AM.	Nannos, Arthur, 5235 Delancey St., Philadelphia, Pa.
6105	HJFB	Manizales, Colombia. 6:30 PM-11 PM except Sunday.	Neilson, Julia M., 1531 Ralworth Rd., Baltimore, Md.
6105	PRE-9	Fortaleza, Brazil. 5 PM-8 PM. (Ceara Radio Club, S. A. Caixa Postal 143.)	Nichols, Gladys (W8SJF), 203 S. Wood St., Wapakoneta, Ohio.
6105	PRF-5	Rio de Janeiro, Brazil.	Norton, Charles C. (URDXC), 7507 Holly St., Oakland, Cal.
6110	30 GSL	London, England. 12:45-2:45 AM; 10 PM-12:45 AM. to North America.	Oberholtzer, Jim (URC), 408 Douglas Ave., Waukegan, Ill.
6110	XGOW	Chungking, China. 7:45 AM-10:20 AM.	Olley, Marlin, Box 66, Ranshaw, Pa.
6110	CP-2	La Paz, Bolivia. 5-10 AM; 11 AM-2 PM; 4 PM to midnight.	Otto, John, 301 S. Fifth St., St. Joseph, Mo.
6110	RW-96	Moscow, U. S. S. R. Relays as "Radio Center" occasionally.	O'Meara, Harry, 115 Grove St., Tarrytown, N. Y.
6115	DXD-2	Zeesen, Germany.	Page, Billy, Washington Ave., Mt. Pleasant, Tenn.
6116	OAX3A	Huanuco, Peru, 9 PM-mid. "Radio Huanuco" (Aptdo 27).	Parker, Bud, 4424 Laclede, St. Louis, Mo.
6119	XEUZ	Mexico City, D. F. Mexico. 10 AM-2 PM & 8 PM-1:22 AM. Sign off.	Patern, C. (URC), 104-44 168th St., Richmond Hill, L. I., N. Y.
6120	WCRC	New York City, N. Y.	Patterson, R. A. (W4CPG), Apt. 206, Gibson Hotel, Miami, Fla.
6120	WCBX	New York City, N. Y.	Payne, Ray, 409 Ainsworth St., Linden, N. J.
6120	WKTS	New York City, N. Y. 11:45 PM-3:30 AM to North Africa.	Penovich, Boya, 2312 N. Broadway, Lockport, Ill.
6120	LRX1	Buenos Aires, Argentina. Relays LR1 9-11 PM.	Pentony, Alfred, 102 S. Massachusetts Ave., Atlantic City, N. J.
6120	OIX-1	Helsinki, Finland. Not reported operating yet.	Percival, Dr. S. T. (W4FFN), 3412 NW 2nd Ave., Miami, Fla.
6122	HP5H	Panama City, Panama. 7 PM to midnight. (M. Lombarda Vega.)	Percival, Rev. S. T., jr. (W8QLE) (URC), 825 Stafford Ave., Scranton, Pa.
6122	ZFA-2	Hamilton, Bermuda Th. 8-8:30 AM; occasionally 8-8:45 PM. (Cable & Wireless Ltd., Bermuda.)	Perry, S. S. (W1BB), 36 Pleasant St., Winthrop, Mass.
6125	MTCY	Hsingking, Manchukuo. Jap controlled. 4 AM-8:30 AM.	Phillips, Dan, 610 Washington Ave., Mt. Pleasant, Tenn.
6125	CNA-4	Montevideo, Uruguay. 6 PM-11 PM. (Servicio Oficial Difusion Elect.)	Phillips, Don, Ashdown, Ark.
6125	GWA	London, England.	Phillips, Maude (VE4APA), Chancellor, Alta, Canada.
6128	OAX7A	Cuzco, Peru, "Radio Cuzco" (Montero 43).	Piourd, M. W., Fullerton, Nebr.
6130	COCD	Havana, Cuba. Relay CMCD 10 AM-1 PM & 7 PM-midnight. (Aptdo. 2294.)	Pleyte, A. M. (URC), Box 334, Eustis, Fla.
6130	YV4RO	Valencia, Venez. (7:30-8:30 AM & 5:30-10:30 PM).	Follock, Walter (W9NJK), Good Hope, Ill.
6130	VLW	Perth, Australia. Proposed but not heard or reported.	Prebanow, James C., 1710 W. Grand Ave., Wisconsin Rapids, Wis.
6130	RW-96	Moscow, U. S. S. R. Used occasionally as "Radio Center."	Prince, Pfc. Roland (LSPH), 23rd Academic, Barrack 315, Sioux Falls, S. D.
6130	LKJ	Oslo, Norway.	Raser, Ed and Pauline (W3ZI), 315 Beechwood Ave., Trenton, N. J.
6132	CHNX	Halifax, N. S. 8 AM-12:15 AM; Sa. 9 AM-midnight; Su. 1 PM-12:15 AM. (Maritime Brdstg. Corp., Lord Nelson Hotel.)	Raymond, Nelson, 112 N. Chestnut St., Niles, Ohio.
6135	FK8AA	Noumea, New Caledonia. 3:30-4:30 or 6 AM & Su. 1:40-2:35 AM.	Raymond, W. L., 870 Sylvan St., Warren, Ohio.
6135	HNU	Baghdad, Iraq. (Dir. Gen. P & T. Baghdad.)	Rebik, Earle (W4FTC), 196 Alexander St., Memphis, Tenn.
6137	CR7AA	Lourenco Marques, Mozambique. (Radio Club do Mozam.)	Renslien, Glenn, Box 25, Delavan, N. Y.
6137.5	CNR-2	Rabat, Morocco. (Office des Cherifien des P. et T.)	Rice, Rick, 203 W. Hight St., Urbana, Ill.
6140	DXX	Berlin, Germany 5-7 PM & 11 PM-1 AM. Also afternoons irreg.	Rice, D., 203 Hight St., Urbana, Ill.
6140	WBOS	Boston, Mass.	Ridley, Arthur E. (W1DJ) (URC), 47 Prospect Ave., Winthrop, Mass.
6140	HIIG	Trujillo City, D. R. 8:0-9:40 AM; 12:40-3:10 PM & 4:40-10 PM.	Rinker, Gloria, 5312 Fremont Ave. N., Minneapolis, Minn.
6140	KZRH	Manila, P. I. 6 PM-9 AM. Jap propaganda.	
6140	OQ2AA	Leopoldville, Belgian Congo. 5:30-7 AM.	
6140	RV-97	Novosibirsk, U. S. S. R. Irregularly reported.	
6145	GRW	London, England. Mid. to 2 AM. (B. B. C.)	
6145	HJDE	Medellin, Colombia. 10:30 AM-11:30 PM.	
6145	RW-96	Moscow, U. S. S. R. Irregularly "Radio Center" "ATLANTIK" German Undercover station.	
6145		Durban, South Africa. See also 5945	
6147.5	ZRD	Winnipeg, Canada. 7-10 PM (Richardson & Sons, Ltd., 157 Royal Alexandra Hotel).	
6150	CKRO	San Jose, Costa Rica, to 12:35 AM. "Radio El Mundo."	
6150	TIRH	San Salvador, El Salvador, 5:40-7:40 PM and 9:40 PM-1 AM. "La Voz de Cuscatlan."	
6150	YSPB	La Romana, D. R. 5:55-7:10 PM alos 8:20-9 AM.	
6150	HI3C	Chiclavo, Lamb., Peru. 8:30 PM-12:30 AM. "Radio Delcar" (Saenz Pena 109).	
6150	OAX1A	Madras, India. 9:10-10 PM. (All India Radio).	
6150	VUM-2	Delhi, India. (All India Radio).	
6150	VUD-4	La Paz, Bolivia. (Colegio S. Calixto) "Radio Fides".	
6150	CP-12		

6155 EQB Teheran, Iran, 2:30 PM-4 PM. (Ministere des P. T. T.)

6155 CS2WD Lisbon, Portugal. 3:30-6 PM. 'Radio Renascença.'

6155 RW-96 Moscow, U. S. S. R. Irregular "Radio Center."

6155 CXA-13 Uruguay.

6160 HJCD Bogota, Colombia, 5 PM-mid. Also around 11 AM occasionally.

6160 CBRX Vancouver, B. C., 9:30 AM-2:30 AM. (Hotel Vancouver).

6160 DXA Zeesen, Germany. (D. R. P.)

6160 CP-39 Cochabamba, Bolivia. "Radio Continental." (Remberito Zapato).

6165 HER-3 Berne, Switzerland, 7:55-8:30 AM; 2-5:45 PM; 9:30-11 PM. North America.

6165 TILS San Jose, Costa Rica. 7 PM-12:30 AM. Later Sat. nite. "Para Ti".

6165 HHBM Port-au-Prince, Haiti, 6:30-8 AM, 2-3 and 7-10:05 PM. "La Voix du Matin."

6170 WCBX New York City, N. Y., 11:45 PM-3 AM, to Europe.

6170 WCRC New York, N. Y.

6170 WCDA New York, N. Y.

6170 CR7BE Lourenco Marques, Mozambique.

6175 HI9T Puerto Plata, D. R., 5-7:40 PM; Sat. to 11 PM & Sun. to 8:50 PM.

6175 XEXA Mexico City, Mexico, 9:30 AM-noon; 3:30-5 PM and 6:30 PM-1 AM.

6175 DXH Zeesen, Germany. (D. R. P.)

6175 LRA-2 Buenos Aires, Arg. Scheduled operation 5-8 PM, in question. Frequency also in question. Reported on 6175, 6180 and 6185 keys.

6180 GRO London, England, 12:30-1 AM and 6:20-6:35 PM.

6180 XGEA China, 9-10:05 AM. All Chinese.

6180 TIRCC San Jose, Costa Rica. "Accion Catolica."

6180 DXN-2 Zeesen, Germany. (D. R. P.)

6180 HJCT Bogota, Colombia. 11 AM-3 PM; 7-11:40 PM.

6185 LRM Mendoza, Argentina, 7-8 AM & 6:30-11 PM.

6185 JLU Tokyo, Japan. (Japan Wireless Telephone Co.)

6185 LLI Oslo, Norway. In construction at time of German invasion.

6190 WGEO Schenectady, N. Y., 12:15 AM to 2:15 AM, directed to Europe.

6190 KGEI San Francisco, Calif.

6190 OAX4G Lima, Peru, 7 PM-1 AM. "Radio Lima."

6190 XECC Puebla, Mexico, midnight to 2 AM. Sometimes on air sooner.

6190 VUD-2 Delhi, India, 7:30-8:15 AM; 9-11:35 PM. (All India Radio.)

6190 HIIA Santiago, D. R., 8:45-10 AM; 6-6:40 PM & 10-10:40 PM. (Rafael Western).

6190 JLT Tokyo, Japan.

6190 DXG Zeesen, Germany. (D. R. P.)

6193 TG-2 Guatemala City. See 6220 keys.

6195 GRN London, England, 3:20-3:35 AM; 12:15-12:30; 1:30-1:45; 3:45-4; 4:15-4:30 & 7:30 PM to 12:45 AM.

6195 DXI Zeesen, Germany. (DRP). Unknown schedule.

6195 LLJ Oslo, Norway. Under construction when invaded by Germany.

6200 CP-5 La Paz, Bolivia, 7:15-9 AM & 7:30 PM-mid., Sun. 4-9 PM.

6200 DXL-25 Paris, France to 7:15 PM. German programs schedules.

6200 DXM-2 Zeesen, Germany. (DRP). Schedule unknown.

6200 OAX4G Lima, Peru.

6200 OAX4P Huancayo, Peru, "Radio Hunacayo," (Aptdo 187)

6200 CXA-1 Montevideo, Uruguay. (Servicio Oficial Difusion Electrica).

6201 CR8AA Macao, Portuguese China, 8-9 AM. See 6250.

6212 ATLANTIK. German undercover station.

6220 TG-2 Guatemala City, Guat., 8:30-11 AM & 7 PM-mid. "Radio Morse."

6220 2RO25 Rome, Italy, 2:40-6 PM. (E. I. A. R.)

6220 "German Workers Station," 5:50-5:58 PM thru 10:50-10:58 PM, every hour.

6221 COBX Havana, Cuba. Relay station under construction.

6230 OAX4- Lima, Peru, 6 PM-1 AM, "Radio Continental."

6235 HRD-2 La Ceiba, Honduras. "La Voz De Atlantica."

6240 HRD La Ceiba, Honduras, 9-11:30 PM & 5-7 PM Sun.

6240 HJCF Bogota, Colombia, 7:30-11:30 PM. "La Voz De Bogota."

6240 WPI* Memphis, Tenn. (Inland Waterways Corp.) Under construction.

6243 HI1N Trujillo City, D. R., 7:40-9:20 AM; 12:40-2:40 PM & 5-10:45 PM. "Broadcasting National." (Arsobiapo Marino 79.)

6250 CR8AA Macao, Portuguese China to 9 AM. See 6201 keys.

6255 CP-12 La Paz, Bolivia.

6260 YSR San Salvador, El Salv., 8 PM-12:30 AM. (Sucesion Cavallos).

6275 "Dutch Undercover Station."

6280 Leopoldville, Belgian Congo, 6:55-8:15 AM and 2-3:45 PM.

6280 HI1Z Trujillo City, D. R. 7-8 AM; 4:55-10:45 PM.

6290 2RO23 Rome, Italy, 1-6 PM. (E. I. A. R.)

Rislow, H. G., Walhalla, N. D.

Robertson, William M., 1116 Stewart Ave. SE, Roanoke, Va.

Rochm, Albert W., 536 Ziegler Ave., Linden, N. J.

Rockwood, Kirk (URC), 793 Main St., East Aurora, N. Y.

Roof, Floyd, 209-A S. Mill St., Kansas City, Kans.

Rosa, Ralph, 471 W. 142nd St., New York, N. Y.

Rossbach, Karl (W2CPR) (URC), 599 S. 20th St., Irvington, N. J.

Rowe, Wilda Mae (W9KDX), 420 Norfolk St., Ironwood, Mich.

Ruocco, Lillian (W2-LSPH) (YLRL), 1440 Undercliff Ave., Bronx, N. Y.

Ryall, H. W. (W1NKW), 72 Bowler St., E. Lynn, Mass.

Sachtleben, Ed, 747 S. Orange Ave., Newark, N. J.

Sale, Joe A. Garcia, Trinidad 553, Santiago de Cuba.

Saling, E. C., Rt. 2, Estacada, Ore.

Samargie, Kay (W8-LSPH), 363 N. Gallatin Ave., Uniontown, Pa.

Schall, Norma (W1NHN), RM3-c, WAVE Barracks, Treasure Isl., San Francisco, Cal.

Schecht, Harold (W2NOC) (URC) 38 Prospect Ave., Catskill, N.Y.

Schlotthauer, Charles F., 59 Reid Ave., Brooklyn, N. Y.

Athens Beach
Olympia, Washington
U.S.A.

W7FWR

ABRL 568K WAC 4
In C.D. Appreciated 73 Mary Ann Tatro

Mary Ann Tatro's card. She's the guiding light in the active Olympia, Wash., Radio Club.

Schoeneck, Alvin J. (W9VKR), Rfd. 2, Box 16, Wahpeton, N. D.

Scholz, Walt, 33 N. Maple Ave., Webster Groves, Mo.

Schrock, Harold E., 404 W. Bennett St., Pontiac, Ill.

Schultz, Clara and Lyle (W9-OWN), 1719 W. 6th St., Red Wing, Minn.

Selkirk, Bill, 3605 Edwards Rd., Cincinnati, Ohio.

Seth, Donald, 104 N. Main St., Wheeling, W. Va.

Shaffer, Robert (GNSWLC), 4, New Castle, Ind.

Shallcross, Dennis, 1 Cor Lane, Hillingdon, Middlesex England.

Sherard, Max, 316 S. Summit Charlotte, N. C.

Shipman, Eldon, 621 Vine St. Fulton, Mo.

Shirley, Edward, 71 Taylor St., Jamestown, N. Y.

Shuha, Louis F. (W8SFL) (URC), 1926 Trimble Ave., McKeesport, Pa.

Sidor, Steve, 228 Nutt Rd., Phoenixville, Pa.

Siegel, Irving (URC), 225 E. 29th St., New York, N. Y.

Silva, Louis J. (W6TNM), 9500 Granada Ave., Oakland, Calif.

Silver, McMurdo, 140 E. 28th St., New York, N. Y.

Skoba, George (URC), 2717 Cermak Rd., Chicago, Ill.

Sleeper, Henrietta, 27 Sylvan St., Worcester, Mass.

Sloper, Arthur, 1069 Fell St., San Francisco 17, Cal.

6290	KGT-3*	Los Angeles, Calif. (Press Wireless, Inc.)
6290	CZA*	Drummondville, P. Q., Canada. (Canadian Marconi Co.)
6320	SUP-2*	Cairo, Egypt. Broadcasts at 12:10-1 PM, some days.
6330	COCW	Havana, Cuba. 7 AM-2 AM. "Las Voz De Los Antilles." (Aptdo. 130.)
6330	JZG*	Tokyo, Japan. (Minn. des Comm.)
6350	HIIX	Trujillo City, D. R., 6:30 PM-10:15 PM.
6351	HRP-1	S. Pedro Sula, Honduras. "El Eco De Honduras." 7:30 PM-10 PM.
6355	IAC*	Coltano, Italy. Used at times for broadcasting.
6370	WKTM	New York City, N. Y., 8:15 PM-5 AM, to Europe.
6375		Lisbon, Portugal, evenings until 7 PM.
6383	HI9B	Santiago, D. R., 5:40-7:25 PM. "Broadcasting Hotel Mercedes." (Aptdo. 95).
6390	COX-4	Havana, Cuba.
6405	TGQA	Quetzaltenango, Guat., 9 PM-12:30 AM; Sat. 9 PM-2 AM.
6425	DAF*	Norddeich, Germany. (DRP).
6440	HIIS	Santiago, D. R., 6-8 PM, except Sunday. (Generoso Sarelli).
6455	COHI	Santa Clara, Cuba, 7:42 PM-10:05 PM.
6435		"Radio Dakar" Dakar, French West Africa.
6450	OQ3AA*	Leonoldville, Belgian Congo.
6485	HI2T	Trujillo City, D. R.
6500	TGWA	Guatemala City, Guat., 9-10 AM; 1:45-4-45 PM & 7:30 PM-1 AM, varying in frequency as high as 6540 kcys., at times.
6500	HIL	Trujillo City, D. R., 1:30-3 PM & 5:10-9 PM, ex. Sun. (Aptdo. 623).
6520		Rangoon, Burma, 1:45-2; 6-6:20; 7:35-8:30 AM & 8:15-8:30 PM.
6535	YN1GG	Managua, Nicaragua, 2-3:30 PM & 9-11 PM.
6540	TGWB	Guatemala City, Guat., sometimes drifting this high in frequency.
6590	COCU	Havana, Cuba. Reported under construction.
6601	YNLG	Managua, Nicaragua.
6610	DAF*	Norddeich, Germany. (DRP).
6630	HIT	Trujillo City, D. R., 1:10-2:40 PM & 5:40-9:40 PM. (Apartado 1105).
6635	HC2RL	Guayaquil, Ecuador. Su. 6:45-7:45 PM & Tu. 11:15 PM-12:30 AM. (Dr. Roberto Levi, Quinto Piedad Apartado Casilla 759).
6650	LPL*	General Pachecho, Argentina. (P. et T.)
6650	DAF*	Norddeich, Germany. (DRP).
6650	IAC*	Coltano, Italy. (Admin. P. et T.)
6665	LPD*	General Pachecho, Arg. (P. et T.)
6665	HAT	Budapest Hungary has been reported on this frequency.
6675	HBQ*	Geneva, Switzerland. "Radio-Nations."
6677	FZI-4*	Brazzaville, F. Ed. Africa. (Station Government-Drummondville, P. Q., Canada. (Canadian Marconi Co.)
6690	CGA-6*	San Jose, Costa Rica, 7 PM-1 AM. "La Voz del Tropico." (Aptdo. 257).
6700	TIEP	Caracas, D. E., Venez., "Gobierno Nacional."
6705	YVKC	Moscow, U. S. S. R., sometimes used for broadcasting.
6710	RAN*	Rolinas Calif. (RCA Communications, Inc.)
6710	KEF*	Rocky Point, N. Y. (RCA Communications, Inc.)
6710	WER*	Rocky Point, N. Y. (RCA Communications, Inc.)
6714	DOT*	Koenigs Wusterhausen, Germany. (DRP).
6715	JSL*	Moji, Japan. (Minist. de Communications).
6715	ZLT-7	Wellington, New Zealand. (Post & Telegraph Dept.), 5:30-5:40 AM.
6717.5	WDB*	Rocky Point, N. Y. (RCA Communications, Inc.)
6725	WQO*	Rocky Point, N. Y. (RCA Communications, Inc.)
6732.5	WDA*	Rocky Point, N. Y. (RCA Communications, Inc.)
6733		Oran, Algeria, 4:30-5 PM.
6740	WEJ*	Rocky Point, N. Y. (RCA Communications, Inc.)
6750	JVT*	Tokyo, Japan. (Min. des Comm.)
6752.5	HJA-9*	Barranca, Colombia. (Cia Telefonica Central).
6752.5	HJA-2*	Bogota, Colombia. (Cia Telefonica Central).
6752.5	HJA-6*	Medellin, Colombia. (Cia Telefonica Central).
6755	WOA*	Lawrenceville, N. J. (A.T.&T. Co., Long Lines Dept.)
6760	CJA-6*	Drummondville, P. Q., Canada. (Canadian Marconi Co.)
6760	YNDS	Managua, Nicaragua, 8-10 AM; 1-4 PM & 6 PM-12:30 AM.
6775	HHH	San Pedro de Macoris, D. R., 8-9:30 PM; Su. 6:20-7:40 PM. "Radiodifusora La Voz del Higuana," (Dominica Dominique).
6785	LHA*	Jeloy, Norway. (Proposed station, probably stopped by Germans).
6790	CMA-5*	Havana, Cuba. (Cuba Transat. Radio Corp.) relays programs to USA.
6795	GDB-2*	Rugby, England. (G. P. O., London).
6800	CEK*	Alhue, Chile. (Cia Minera-Alhue).
6800	CEJ*	Santiago, Chile. (Cia Minera-Alhue).
6800	EDR-3*	El Tablero, Svain. (C. T. N. E.)
6810	TGA-2*	Guatemala City, Guat. (Tropical R. T. Co.)
6823	GDW-3*	Rugby, England. (G. P. O., London).
6825	CJS*	Butedale, B. C., Canada. (Canadian Fishing Co. Ltd.)
		Smith, Harlie, jr., William Woods College, Fulton, Mo.
		Solow, Jerry (W2LSPH), 3086 W. 1 St., Brooklyn, N. Y.
		Spencer, Bob (AQRAC), 194 15th St., Buffalo, N. Y.
		Spencer, Edward, 194 15th St., Buffalo, N. Y.
		Sperling, Chas. 117 So. H St., Richmond, Ind.
		Stack, Jac. C., RT3-c, Naval Res. Lab., RMS 7-44, Washington, D. C.
		Stauch, Art, jr., 500 Hagel Ave., Linden, N. J.
		Stebbins, Dwight (W9WLK), 206 E. Sixth St., Morris, Tenn.
		Steventon, Ann (W1-LSPH), 471 Seaview Ave., Bridgeport, Conn.
		St. Louis, Verna (K7HUT), Anchorage, Alaska.
		Stofan, Bob (W2-LSPH), 332 Her- rick Ave., Teaneck, N. J.
		Stoneman, Gerald, 676 W. 11th Ave., Vancouver, B. C., Can.
		Stracener, L. N., jr. (AQRAC), 239 Nelson Dr., Baton Rouge 14, La.
		Stromwall, J. 715 E. Jessamine Ave., St. Paul, Minn.
		Studebaker, Herb (W7HYP), Walla Walla, Wash.
		Sutherland, Ivor (W6UOV), 30 Corte Madera, Mill Valley, Cal.
		Tatro, Mary Ann, (W7FWR) (ORC), Athens Beach, Olympia, Wash.
		Tatro, O. U. (W7FWD) (ORC), 513 N. Central, Olympia, Wash.
		Taylor, David E. (URC), 401 Grandin Rd., Charlotte 2, N. C.
		Thoreson, L. E., Box 115, Ponoka, Alta., Canada.
		Tiffin, John I. (W6TYR) (URC), 1139 Upham St., San Luis Obispo, Cal.
		Toburen, Lawrence, 611 Cass St., Monroe, Mich.
		Townesley, Robert J., 108 Locust St., Wrightville, Pa.
		Trued, Paul E. (W4HYM) (URC) Box 311, Sanford, Fla.
		Uhte, Jay, RR 1, Box 25, Richmond, Ind.
		Uolf, Roy (W2OLC) (URC), 240 Central Park South, New York, N. Y.
		Utemahlen, Carroll (W3HVD) (URC), Ridge Ave., Parkville, Md.
		Vance, Tommy (URC), Box 155, Johnson City, Tenn.
		Varga, John, 4758 West End St., Chicago, Ill.
		Vaught, J. I., Box 1424, New Orleans, La.
		Veverka, Marvin, 2118 Dill Ave., Linden, N. J.
		Vought, L. Burrows, 640 Main St., East Aurora, N. Y.
		Walker, Wallace R. (W8VLQ), 705 Forsythe St., Toledo, Ohio.
		Waters, Cecile (W2-LSPH) (YL-RL), Kenmore Hotel, 145 E. 23rd St., New York, N. Y.
		Watson, Wheeler (W5KIL) (URC), Strong, Miss.
		Wattenbergen, D. A., 9 Oakdale, Mill Valley, Cal.
		Weaver, Bob, Box 48, Comer, O.
		Webb, Shorty (VCO), 161 E. Blenkner St., Columbus, Ohio.
		Weber, Al (W6RLJ), 704 Woodrow Ave., Oildale, Cal.
		Webster, Mrs. Ann M. (W7GRW), Rock Springs, Wyo.
		Webster, Hugh A., Scottsville, N. Y.
		Wells, George, Warwick Neck P. O., Warwick, R. I.
		Werdig, Charles, 1619 Irving N.E., Washington, D. C.
		Whisant, Joe, 1828 Rozells Ferry Rd., Charlotte 2, N. C.
		White, Frank E. (W9ZZK) (URC) Box 422, Wahpeton, N. D.
		Widell, Lillian (W2-LSPH) (YL-

6825 VDO* Vancouver, B. C., Canada. (North-West Telegraph Co.)

6830 HRA-4* Puerto Castilla, Honduras. (Truxillo Railroad Co.)

6840 HAT-2* Budapest, Hungary. (Postes Royales Hongroies)

6845 KEN* Bolinas, Calif. (RCA Communications, Inc.)

6860 KEL* Bolinas, Calif. (RCA Communications, Inc.)

6870 YNOW Managua, Nicaragua, 8 PM-12:30 AM, sometimes later.

6870 _____ Mexico City, Mexico. Unknown station operating in parallel with 7010.

6880 CGA-7* Drummondville, P. Q., Canada. (Canadian Marconi Co.)

6887 DLB* Rehmate, Germany. (DRP.)

6890 KEB* Bolinas, Calif. (RCA Communications, Inc.)

6900 YNWW Managua, Nicaragua, irreg. evenings.

6905 GDU* Rugby, England. (G. P. O. London.)

6905 HRL-4* LaLima, Honduras. (Tropical R. T. Co.)

6910 CJN-2* Drummondville, P. Q., Canada. (Canadian Marconi Co.)

6915 LHB* Jeloy, Norway. Proposed but probably stopped by Germans.

6920 KGT-3* Los Angeles, Calif. (Press Wireless Inc.)

6920 WEE* Hicksville N. Y. (Press Wireless, Inc.)

6935 JJV* Tanegishima, Japan. (Min. des Comm.) proposed.

6950 WFP* Rocky Point N. Y. (RCA Communications, Inc.)

6957.5 WEO* New Brunswick, N. J. (RCA Communications, Inc.)

6965 WIZ* Rocky Point N. Y. (RCA Communications, Inc.)

6970 EDS* Pozuelo del Rey, Spain. (C. T. N. E.)

6970 JIY* Kametu, Japan. (Min. des Comm.)

6970 JQN* Taroma, Japan. (Min. des Comm.)

6980 _____ Moscow, U. S. S. R., noon-6:45 PM & 6:48-7:23 PM to N. A., also 8-8:30 PM.

6980 FO8AA Papeete, Tahiti, Tu.-Fr. 11:57 PM-12:45 AM.

6980 _____ Kuching, Sarawak. 12:15-2 AM & 6-7:10 AM. Call may be VQP or VQF-2.

6990 JVS* Tokyo Japan. (Min. des Comm.)

6995 CUM* San Miguel, Azores Islands. (Compania Portuguesa Radio Marconi, Rue de S. Juliao, Lisbon, Portugal.)

7000 KILOCYCLES BAND

7000 WGEA Schenectady, N. Y., 8 PM to midnight, directed to East South America.

7000 W GEO Schenectady, N. Y.

7000 CEO-1* Tocopilla, Chile. (Chile Exploration Co.)

7006 EAJ-47 Valladolid, Spain, 4:30-5:15 PM.

7020 _____ Spain, 4-6 PM in parallel with other Spanish sta.

7020 _____ Ponta Delgada, Azores, 3-4 PM.

7037 EAJ-3 Valencia, Spain, 4:30-5 PM., "Radio Mediterania"

7045 EAJ-24 Cordoba, Spain, 4:40-6 PM approx.

7050 NGEI China. Testing here, 7 AM.

7060 _____ St. Johns, Antigua, 6-6:15 PM. Su. 4-4:45 PM. "Radio Antigua." (H. M. Donald, Publicity Officer, Publicity Dept.)

7070 GRS London, England 2-6:45 PM; 9:45 PM to midnight, to North America.

7075 _____ Athens, Greece, 11 AM-4:30 PM.

7080 HC2NS Ecuador.

7090 EA9AA Spanish Morocco, to 7 PM.

7120 GRM London, England, 1-4:30 AM; 10:45 PM to 12:45 AM.

7130 EAJ-22 Oviedo, Spain, 3-5:30 PM.

7135 _____ Kuibyshev, U. S. S. R., not reported recently.

7140 HC4FA Portoviejo, Ecuador, 5-11 PM. "La Voz de Manabi," irregularly heard.

7143 EAJ-9 Malaga, Spain, 4-7:05 PM. "Radio Malaga."

7150 GRT London, England, 10:45 PM to midnight to N. A., 1-2:45 AM; 7:15-10:45 PM.

7150 HC2AX Vines los Rios, Ecuador, Tu.-Sa., 9:30-11 PM.

7160 YSY San Salvador, El Salvador. Has been reported as operating on this frequency recently at times. See 7203.

7163 COU5 Havana, Cuba, 8-10 PM, irreg. Span. & Eng.

7177 CR6AA Lobito, Angola, We. & St., 4-6 PM.

7177 _____ Moscow, U. S. S. R., 8-8:30 AM; 11 AM-2:30 PM; 3:20-4:30 & 5:15-7:55 PM.

7180 NGOY Chungking, China, 6 AM-1 PM & 2:30-5 PM; 10-11:35 AM & 12:30-1 PM to N. A.

7185 GRK London, England, 7:45-8 PM.

7190 CMZ-1 Havana, Cuba, 10 AM-1 PM & 6 PM-mid. Frequency varies.

7203 YSY San Salvador, E. S. See 7160 keys. Drifts. Heard on both frequencies.

7203 _____ Madrid, Spain. "Radio Silvia," 4:30-5 PM.

7210 RW-96 Moscow, U. S. S. R., 5:50-7:30 PM (Narkomsviaz)

7210 VUC-2 Calcutta, India, 3-3:55; 6:30-6:35; 7-7:20 AM. (All India Radio).

7210 PFR Kootwijk, Holland.

7215 _____ Jerusalem, Palestine until 5:45 PM in parallel with 11720, "British Mediterranean Station."

7220 2RO11 Rome, Italy, 5-7 PM; 8-11 PM; 1:30-2:30 AM.

7220 _____ Shonan Malaya (Singapore), 5-10 AM; 7-7:20 PM & 10-10:20 PM.

RI.), 64-17 102nd St., Forest Hills, L. I., N. Y.

Williams, Kathleen (URC), 6824 W. Stevenson St., Milwaukee 13, Wis.

Williams, Rudy (W9VWY), Box 98, Avondale, Ariz.

Willmont, Bill, 722 Roselle St., Linden, N. J.

Willowmetzer, Louise (W2LSPH) YLRL), 120 Haven Ave., New York, N. Y.

Wilson, Ores, 229 S. 6th St., Reading, Pa.

Wittman, Rhea (W2-LSPH) (YLRL), 45 Prospect Pl., New York, N. Y.

Wolfe, Lizette S. (W7HDS), 3222 Dillon Ave., Cheyenne, Wyo.

Woodford, Charles L. (W1DBH), 17 Greenleaf St., Quincy, Mass.

Wygant, Bill, 824 5th St., White Bear Lake, Minn.

Zabec, Pvt. Edward (W9EEC), Hdq. Co., 69th Arm'd Reg., APO 256, Camp Cooke, Cal.

Zandonini, Elizabeth M. (W3-CDQ), 3633 Everett St. N. W., Washington, D. C.

Zsenbik, John, 14520 Bayes Ave., Lakewood 7, Ohio.

OTHER COUNTRIES

Canada

George Wells, 147 Stapleton Ave., Hamilton, Ont.

David Bishop, Box 23, Liberty, Saskatchewan

Selena Wells, 131 Stapleton Ave., Hamilton, Ont.

C. Cowper, 2463 Gerrard St., E. Toronto, Ont.

Gerald Stoneman, 676 W. 11th Ave., Vancouver, B. C.

Bill Wells, 147 Stapleton Ave., Hamilton, Ont. # 314

Dick Coatsworth, 23 Cardinal Pl., Toronto, Ont.

Australia

J. Tyler, 232 Crawford Rd., Inglewood, West Australia

Alfred Johnson, 20 Ferguson St., Marylands, W. Australia

Mary Carson, George St., Bowen, N. Queensland, Australia

New Zealand

Leo W. Sutherland, 23 Milton St., Hamilton

Monty Garrick, 4B Cantaurus Rd., Christchurch

Neville Thomas, Coronation Hospital, Christchurch

England

Frank Lamsley, 64 Canning Rd., Wealdstone, Harrow, London

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Block letter cards often known as large letter "greetings" cards are picture postcards which show the names of cities, towns, states, or scenic places in large "block" letters with picture shown within the large letters.

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IOWA

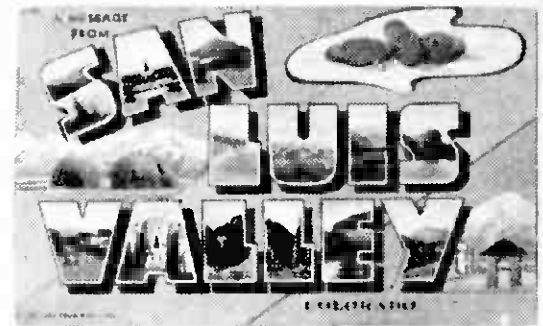
Mrs. J. C. Delp, 3121 Daisy Ave., Davenport

MASSACHUSETTS

Alton Caldwell, 69 Brett St., Brockton

Florence LaRocque, 15 Ellsmere St., Worcester

7220	HAD-2	Budapest, Hungary. (Postes Royales Hongroises)
7220	VLQ-4	Sydney, Australia, until 9 AM.
7225	RW-97	Novosibirsk, U. S. S. R. (Narkomsviaz).
7230	KWID	San Francisco, Calif., 6:30 AM to 1:05 PM, to Orient.
7230	GSW	London, England, 11:45 PM-2:45 AM & 3:15-6:45 PM.
7235	RW-100	Tachkent, U. S. S. R. Authorized.
7240	VUB-2	Bombay, India. 2:15-3:10 AM & 7:25-8:45 AM.
7240	DXJ	Berlin, Germany, Noon-1 PM; 4-5:15 PM & 5:50 PM-2 AM to No. America.
7240	VLQ	Sydney, Australia, 4:45-9:30 AM.
7240	LLR	Oslo, Norway. Status in doubt.
7245	—	Vichy, France, 2:45-3:45 AM; 6-7 AM & 8-9 AM; 4:30-6 PM.
7245	RW-100	Tachkent, U. S. S. R. Authorized.
7250	KGEI	San Francisco, Calif., 1:00 AM to 1:05 PM, to the East Indies & Orient.
7250	PJC-1	Willemstad, Curacao.
7250	VLQ-9	Sydney, Australia.
7250	HVJ	Vatican City. Irregular.
7257.5	JVW	Tokyo, Japan, 4:50-9:30 AM & 3-6:30 PM. (Japan Wireless Tel. Co.)
7260	OZU	Skamlebak, Denmark. (Dir. Gen. des P. et T.)
7260	VUM-2	Madras, India, 3-3:40 AM; 7:45-9:30 AM; 10:45-10:50 A. M.
7260	GSU	London, England. Heard 7:50 to 8 PM.
7260	EA—	Spain.
7260	CSW-8	Lisbon, Portugal. "Emisora Nacional."
7265	HC1BF	Quito, Ecuador, 7-11 PM (Sa. to 11:30 PM). Not on air Su.
7265	RW-97	Novosibirsk, U. S. S. R. (Narkomsviaz).
7270	DXM	Berlin, Germany, 1-8 PM at times 7-8:15 PM.
7270	HVJ	Vatican City. (Direccion Radio Vatican).
7275	EAJ-43	Tenerife, Canaries, 8:30-10 AM & 6-7 PM, shifts frequency.
7280	VLI9	Sydney, Australia, 5:30-8:30 AM. News in English to N. A., at 8:01 AM.
7280	DXL-25	Paris, France, 3-4 PM. German dominated.
7280	—	Toulouse, France, 1-2:40 AM; 6:30-7:40 AM; 1:20-3:55 PM & 5-5:15 PM.
7280	HVJ	Vatican City.
7280	RW-96	Moscow, U. S. S. R. Irregularly.
7285	JLG	Tokyo, Japan, midnight-4:30 AM & 4:50-9:30 AM. "Japanese propaganda."
7290	DJI	Berlin, Germany, 3-5:45 PM & 5:50 PM-12:30 AM.
7295	VUD-2	Delhi, India, 7:30-11 AM & 9-11:30 PM.
7295	YSO	San Salvador, E. S., 7:55 PM to ? "The Voice of Democracy."
7295	ZOY	Accra, Gold Coast, Africa, 12:15-3:15 PM.
7295	JIE	Taihoku, Formosa. Japanese controlled sta.
7300	VIG	Port Moresby, Papua. Sometimes used as broadcast station, 7-7:30 AM.
7300	—	Moscow, U. S. S. R., 11 PM-1:45 AM; 2:30-3 AM & noon-7:30 PM & 8-9 PM.
7300	—	Ponta Delgada, Azores.
7310	LSQ*	Hurlingham, Argentina. Sometimes used for relaying broadcasts.
7310	2RO19	Rome, Italy.
7315	WMA-2*	Lawrenceville, N. J. (A. T. & T. Co., Long Lines Dept.)
7315	—	Vichy, France, 2:45-3:45 AM; 6-7 AM & 8-9 AM; 4:30-6 PM.
7320	GRJ	London, England, 12:15-1:30 AM & 3:20-4:30 AM.
7330	CX-14	Montevideo, Uruguay.
7332.5	DLC*	Rehmate, Germany. (DRP).
7340	—	Rangoon, Burma, 8:30-9:20 AM.
7345	—	Ecuador. Heard to 12 midnight.
7345	GDL*	Rugby, England. (G. P. O., London).
7345	JVX*	Tokyo, Japan. (Min. des Comm.)
7355	KJE-6*	Los Angeles, Calif. (Press Wireless Inc.)
7355	WBS*	Hicksville, N. Y. (Press Wireless, Inc.)
7360	RWG*	Moscow, U. S. S. R. "Radio Center", 5-6 PM.
7360	HET-3*	Schwarzenburg, Switzerland. (Admin. des P. & T.)
7370	KEO*	Kahuku, Hawaii. (RCA Communications).
7380	XDB*	Chapultepec, Mexico. (D. Gral de C. y Teleg.)
7380	XECR	Mexico City, Mexico. (Secretaria de Relaciones Exteriores).
7390	JVR*	Tokyo, Japan. (Min. des Comm.)
7390	ZLT-3*	Wellington, New Zealand. (N. Z. Post & Telegraph Dept.)
7395	KWY-6*	Dixon, Calif. (A. T. & T. Co., Long Lines Dept.)
7400	WEM*	Rocky Point N. Y. (RCA Communications, Inc.)
7407.5	WEN*	New Brunswick, N. J. (RCA Communications, Inc.)
7415	WEG*	Rocky Point N. Y. (RCA Communications, Inc.)
7420	—	Jugo slav undercover station, irregularly 4 to 8 PM.
7422.5	WDI-9*	Ocean Gate, N. J. (A. T. & T., Long Lines Dept.)
7430	XBGY	Colorines, Mexico. (Com. Fed. Elctridal).
7446	FG8AH	Point-a-Pitre, Guadeloupe.
7450	—	U. S. S. R., 8-8:30 AM parallel with 7177 keys.
7450	TI2RS	San Jose, Costa Rica. "Radioemisora Athenea". Su. 7:30-10 PM.



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OREGON

Ted Saling, Estacada
Belle Hart, Rogue River

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Miss Debbie Suskin, 1649 E. Passyunk Ave., Philadelphia
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Anabelle Reichard, 18 N. 7th St., Lebanon

Harold Dreyer, Rt. 2, Titusville

RHODE ISLAND

Walter Brewer, L05 Atlantic Ave., Providence
Frank Heiss, 91 Dunedin St., Cranston
George Wells, Warwick Neck P. O., Warwick

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Canada

Lincoln A. Mayo, 16 Prefontaine Ave., Montreal So., Quebec

England

Frank Lamsley, 64 Canning Rd., Wealdston, Harrow, London

New Zealand

Monty Garrick, 4B Centaurus Rd., Christchurch

7470	JVQ*	Tokyo, Japan. (Min. des Comm.)
7480	—	Schwarzenburg, Switzerland. (Admin. des P. et T.)
7480	XGOI	Shanghai, China, 7:15-10 AM & 9:30-9:45 PM.
7482.5	DGI*	Nauen, Germany. (DRP).
7490	DGN*	Nauen, Germany. (DRP).
7490	YN2FT	Granada, Nicaragua, 8-11 PM to 1:20 PM Sa. & Su.
7500	HC2ROZ	Guayaquil, Ecuador. "Radio Ortiz."
7500	JSV*	Kinshu, Japan. (M.T.T.)
7500	SU—	Cairo, Egypt, 2:30-5 PM.
7500	FJW*	Matatou, New Caledonia. (Admin. P.T. dela N.C.)
7500	FJV*	Sigave, New Caledonia. (Admin. P.T. dela N.C.)
7500	YVICJ*	Maracaibo, Venez. (Menegrande Oil Co.)
7510	JVP*	Tokyo, Japan. (Min. des Comm.)
7520	KKH*	Kahuku, Hawaii. (RCA Comm.)
7520	RV-96	Moscow, U. S. S. R., 2 PM to late at night.
7522.5	HJA-9*	Barranca, Colombia. (Cia. Telefonica Central).
7522.5	HJA-3*	Barranquilla, Colombia. (Cia. Telefonica Central)
7522.5	HJA-4*	Cartagena, Colombia. (Cia. Telefonica Central).
7522.5	HJA-6*	Medellin, Colombia. (Cia. Telefonica Central).
7540	HHL*	Port-au-Prince, Haiti. (West Indies Telephone Co.)
7545	—*	Schwarzenburg, Switzerland. (Admin. des P. et T.)
7555	WOZ*	Lawrenceville, N. J. (A. T. & T. Co., Long Lines Dept.)
7565	—*	Schwarzenburg, Switzerland. (Admin. des P. et T.)
7565	WKLJ	New York, N. Y., mid. to 2 AM, to No. Africa.
7565	WKTS	New York, N. Y., 3:45 AM to 5 AM to No. Africa & 8-11:30 PM.
7565	KWY	San Francisco, Calif., 4:45 to 7:05 AM & 8:30 to 10:30 AM to East Indies.
7565	WQM*	Lawrenceville, N. J. (A. T. & T. Co.)
7565	WDJ*	Lawrenceville, N. J. (A. T. & T. Co.)
7570	HI3I	Trujillo City, D. R. (Cia. Dom. de Telefonos).
7570	HHZ*	Port-au-Prince, Haiti. (West Indies Telephone Co.)
7575	WLWK	Cincinnati, Ohio, 3:15 AM-4:30 AM to Europe.
7575	WRUA	Boston, Mass, evenings.
7575	IRV-2	Rome, Italy, 3:30-4:30 PM.
7575	WDI-6*	Ocean Gate, N. J. (A. T. & T. Co.)
7600	FIA-2*	Douala, Cameroons. (Office des P. et T.)
7600	XBGX*	Jumatán, Mexico. (Com. Fed. Electricidad).
7600	YNA-3*	Managua, Nicaragua. (Tropical R. T. Co.)
7610	KWX*	Dixon, Calif. (A. T. & T. Co.)
7610	WNC-5*	Hialeah, Florida. (A. T. & T. Co.)
7610	WOT-2*	Lawrenceville, N. J. (A. T. & T. Co.)
7615	YNLAT	Granada, Nicaragua, 7:30-11:15 PM. "La Voz de Mombacho."
7625	KGT-5*	Los Angeles, Calif. (Press Wireless Inc.)
7625	WDQ*	Hicksville, N. Y. (Press Wireless, Inc.)
7625	RIM*	Tachkent, U. S. S. R. (Narkomsviaz).
7645	EOU*	Tokyo, Japan. (Min. des Comm.)
7647.5	DGP*	Nauen, Germany. (DRP).
7660	YNDG	Leon, Nicaragua, 7-11 PM on Sa. & Su. to 11:20 PM. "Estacion Gilfallan."
7670	WDF*	San Juan, P. R. (Radio Corp. of Porto Rico).
7685	TIO*	Cartago, Costa Rica. (Cia. R. I. C. R.)
7695	COLB*	Mariano, Cuba. (Observatorio de Belen).
7700	ONE*	Banana, Congo. (Government station).
7700	YNB-3*	Bluefields, Nicaragua. (Tropical R. T. Co.)
7710	LPL-7*	General Pachecho, Argentina. (P. et T.)
7710	HET-9*	Schwarzenburg, Switzerland. (Admin. des P et T)
7715	KEE*	Bolinas, Calif. (RCA Communications, Inc.)
7717	YVB-2*	Cojoro, Venez. (Etat.)
7720	YVB*	Porlamar, Venez. (Etat.)
7730	WEV*	New Brunswick, N. J. (RCA Communications, Inc.)
7730	KCI-8*	Los Angeles, Calif.
7740	CEC*	Santiago, Chile. (Cia. I. R. Chile).
7740	CEP*	Santiago, Chile. (Cia. de Telef. de Chile).
7757	DLD*	Rehmate, Germany. (DRP).
7760	PDM*	Kootwijk, Holland. (Admin. P. et T.), also operate on 7765 & 7770 kc.
7780	JGF*	Osaka, Japan. (Min. des Comm.)
7784	DOU*	Koenigs Wusterhausen, Germany. (DRP).
7785	PSF-3*	Mafra Estacao Ferro Viaria, Brazil. (Rede Viacao Parana-Santa Catarina).
7785	PSE-8*	S. Francisco Estacao Ferro Viaria, Brazil. (Rede Viacao Parana-Santa Catarina).
7797	HBP*	Geneva, Radio Nations. (Radio-Suisse-S. A.)
7800	PYC*	Marapicu, Brazil. (Cia. Radio Int. de Brazil).
7800	RCC*	Koupavna, U. S. S. R. (Narkomsviaz).
7805	PSE-5*	Brazil. (Rede Viacao Parana-Santa Catarina).
7805	PSE-6*	Brazil. (Rede Viacao Parana-Santa Catarina).
7805	PSE-7*	Brazil. (Rede Viacao Parana-Santa Catarina).
7805	WRUL	Boston, Mass, 2:15 AM to 6 AM, to No. Africa.
7805	WRUW	Boston, Mass.
7810	VRR-3*	Stony Hill, Jamaica. (Cable & Wireless W. I. Ltd.)
7812.5	DFT	Nauen, Germany. (DRP).
7820	WKRD	New York, N. Y., 7:30 PM-12:30 AM to Europe; 12:45 to 4:45 AM to Africa.

ENGLISH NEWS BROADCASTS ON SHORTWAVE

(While official lists were used in compiling all of these schedules we cannot guarantee their accuracy due to the possibility of sudden changes of schedule. Stations marked with an asterisk (*) were checked at the listening post of our shortwave editor at presstime and found accurate.—Editor).

For more information on each station use the Shortwave Master List. A revised schedule of news-casts and changes appear regularly in Victory News, published monthly by the Victory Radio Club.

These schedules are compiled from available sources. Official lists have been the source of most of these schedules. However in the short space of time allotted to making up this list I have attempted to check some of these. Asterisk (*) denotes schedule checked and found okay at press-time.

AM.	Call	Location	Kcs.
05:00	VLW-3,	Australia,	11830
05:00	VLG-3,	Australia,	9660
05:00	VLR,	Australia,	9580
05:30	VLG-3,	Australia,	11710
06:55	CR7BE,	Mozambique,	9880
07:00	GRE,	England,	15390
07:00	GSD,	England,	11750
07:00	GSV,	England,	17810
07:00	GSH,	England,	21470
07:00	GRP,	England,	17870
07:00	GWC,	England,	15070
07:00	GSP,	England,	15310
07:00	CJXC,	Nova Scotia,	6010
07:00	CHNX,	Nova Scotia,	6132
07:00	VLW-6,	Australia,	9680
07:30	DJB,	Germany,	15200
07:30	CBFW,	Montreal,	6090
07:40	"Radio Center,	Moscow,"	15750
07:40	"Radio Center,	Moscow,"	9545
07:45	VUB-2,	India,	7240
07:50	JLG-2,	Japan,	9505
08:00	DJQ*,	Germany,	15280
08:00	HSP-5,	Thailand,	11715
08:00	VUD-2,	India,	7295
08:00	VUM-2,	India,	7260
08:00	VUC-2,	India,	4840
08:00	VUD-3*,	India,	15290
08:00	CJXC,	Nova Scotia,	6010
08:01	VLG-2,	Australia,	9540
08:01	VLI-9,	Australia,	7280
08:15	VLR,	Australia,	9580
08:15	VLQ-3,	Australia,	9660
08:25	2RO24,	Italy,	15465
08:30	KZRH,	Philippines,	11605
09:00	GSP*,	England,	15310
09:00	GWC*,	England,	15070
09:00	VLW-6,	Australia,	9680
09:00	VUD-6,	India,	11790
09:00	VUB-2,	India,	4880
09:00	ZNS-2,	Bahamas,	6090,
		(Week Days).	
09:00	JLG-4,	Japan,	15105
09:15	"Radio Center",	Moscow,	15750
09:15	OIX-4,	Finland,	15190
09:15	HSP-5,	Thailand,	11715
09:20	VLR,	Australia,	9580
09:30	DNL-6*,	Germany,	15130
09:30	DJB,	Germany,	15200
09:35	HSP-5,	Thailand,	11715
10:00	DJQ*,	Germany,	15280
10:00	XGOA,	China,	9720
10:00	XGOY,	China,	7180
10:00	XGOY,	China,	9635
10:00	CJXC,	Nova Scotia,	6010
10:45	VUM-2,	India,	7260
10:50	VUC-2,	India,	4840
11:00	VLG,	Australia,	9580
11:00	VLW-6,	Australia,	9680

7820 WKRX New York, N. Y.
 7820 OCH-2* Lima Valverde, Peru. (All America Cables, Inc.)
 7820 KJE-7* Los Angeles, Calif. (Press Wireless Inc.)
 7832 WBOS Boston, Mass., evenings till mid.
 7830 PGA* Kootwijk, Holland. (Admin. P. T. T.)
 7835 PGA* Kootwijk, Holland. (Admin. P. T. T.)
 7840 PGA* Kootwijk, Holland. (Admin. P. T. T.)
 7850 ZAA Tirana, Albania. (D. G. des P.T.T.)
 7854 HC2JSB Guayaquil, Ecuador. "Ecuador Radio."
 7865 SUX Cairo, Egypt, 2:30-5 PM. Also are authorized to use 7851, 7853, 7860, 7867 & 7869 kilocycles.
 7872.5 HODC* Panama City, Panama. Tropical R. T. Co.)
 7880 JYR* Tokio, Japan. (Admin. des. Comm.)
 7890 RCH* Tachkent U. S. S. R. (Narkomsviaz).
 7894 PRU-8* Bela Tara, Para., Brazil. (Cia Ford Ind. do Brazil).
 7894 HC2EU* Guayaquil, Ecuador. (Empresa-El Universo).
 7894 YSD San Salvador, El Salvador, 8-11:30 PM. "Radio Nacional." (Dir. Gen. de Telegrafos, Telefonos y Rad. Nacionales).
 7895 PVS-6* Recife, Brazil. (Departmente des P. et T.)
 7900 RWC* Khabarovsk, U. S. S. R. (Narkomsviaz).
 7900 RIB* Moscow, U. S. S. R. (Narkomsviaz).
 7901 LSL* Buenos Aires, Argentina. (C.I.R.) xmitter at Hurlingham.
 7910 RWJ* Alma Ata, U. S. S. R. (Narkomsviaz).
 7920 GDP* Rugby, England. (G. P. O., London).
 7935 PSL Rio de Janeiro, Brazil, Sa. 7-8 PM. (Cia Int. Radio do Brazil).
 7935 OPX* Elizabeth, Congo. (Government station).
 7950 RCC* Koupavna, U. S. S. R. (Narkomsviaz).
 7950 Alicante, Spain, afternoons until 6 PM.
 7955 HSJ* Bangkok, Thailand. (Admin. des P. et T.)
 7960 LT2Y* Colonia Sarmiento, Argentina. (G.N.)
 7960 VLZ* Sydney, Australia. (A.W.A.)
 7970 HRE-2* Tegulcigalpa, Honduras. (Tropical R. T. Co.)
 7977.5 WGA* Lawrenceville, N. J. (A. T. & T. Co.)
 7978 HSP-8* Bangkok, Thailand. (Admin. des P. et T.)
 7980 VLZ-4* Sydney, Australia. (A.W.A.)
 7985 TIO-8* Limon, Costa Rica. (Cia R. I. C. R.)
 7985 HRH-2* Tela, Honduras. (Tela. R. R. Co.)
 7990 OQM-3* Lusambo, Congo. (Government station).

8000 KILOCYCLES BAND

8000 Athens, Greece, 3-6 PM, flute interval signal.
 8000 VIC* Cooktown, Australia. (A.W.A.)
 8000 FIA-6 Douala, Cameroons, 6:45-7:30 AM; 2:45-3:10 PM & 3:13-3:41 PM. "Radio Cameroons." (Office des P. et T.)
 8000 CEO-2* Chuquicamata, Chile. (Chile Exploration Co.)
 8010 CMV-5* Havana, Cuba. (Corp. Inalambrica Cubana.)
 8010 HPQ-3* Coiba, Panama.
 8010 HPX-3* Panama City, Panama.
 8010 HPZ-3* Panama City, Panama.
 8010 HPW* El Porvenir, Panama.
 8010 HPR-3* El Real, Panama.
 8015 RTQ* Moscow, U. S. S. R. (Narkomsviaz).
 8020 RTCD* Spassk, Dalnii, U. S. S. R. (Narkomsviaz).
 8020 FXE Beirut, Syria, 1-4:30 AM; 5-7:30 AM & 9 AM-5 PM. "Radio Levant." (Lieutenant Badin, Transmission Officer, Delegation Generale de la France Libre, au Levant, Beyrouth, Lebanese Republic).
 8025 CPR7P* La Paz, Bolivia. (Cie Araymaya de Mines en Bolivie).
 8025 LCL* Jeloy, Norway. (Dir. Gen. des P. et T.)
 8030 YVP* S. Rita, Venez. (Etat).
 8031.5 HSE-6* Bangkok, Thailand. (Admin. des P. et T.)
 8035 CNR-1 Rabat, Morocco, 2 to 6:45 PM, also on 9082 keys., at times.
 8050 RRQ* Smolensk, U. S. S. R. (Narkomsviaz).
 8050 Kuibyshev, U. S. S. R., 11-11:30 AM; noon-2:15 PM & 5:15-6:45 PM.
 8055 JAQ-2* Osaka, Japan. (Min. des Comm.)
 8060 VIO* Broome, Australia. (A.W.A.)
 8070 KAJJ* Atka, Alaska. (Territory of Alaska).
 8070 RIA* Moscow, U. S. S. R. (Narkomsviaz).
 8075 PYD* Marapicu, Brazil. (Cia Radio Int. do Brazil).
 8075 WEZ* Rocky Point N. Y. (RCA Communications, Inc.)
 8080 VQR-3* Nairobi, Kenya, Africa. (Cable & Wireless Ltd.)
 8090 VIN* Geraldton, Australia. (A.W.A.)
 8095 VLK-3* Sydney, Australia. (A.W.A.)
 8095 CUT* Lisbon, Portugal. (Cia Port. Radio Marconi).
 8100 YAK* Kaboul, Afghanistan. (Min. des P. et T.)
 8100 OQY-3* Niangara, Congo. (Government station).
 8100 RKG* Karaganda, U. S. S. R. (Narkomsviaz).
 8120 YVO* Maracaibo, Venez. (Etat).
 8135 YIG* Baghdad, Iraq. (Dir. Gen. P. T., Baghdad).
 8135 RRD* Moscow, U. S. S. R. (Narkomsviaz).
 8140 YVK* Caracas, Venez. (Etat).
 8155 PGB* Kootwijk, Holland. (Admin. P. et T.)
 8160 YV6CBA Ciudad Bolivar, Venez. (Texas Oil Co.)
 8160 YV6CBB Rincon Largo, Venez. (Texas Oil Co.)

11:00 XGOY, China, 9635
 11:00 XGOA, China, 9720
 11:00 SBT*, Sweden, 15155
 11:00 SBP, Sweden, 11705
 11:00 GRE, England, 15390
 11:00 GSH, England, 21470
 11:00 GRG, England, 11680
 11:00 GSP*, England, 15310
 11:00 GSV, England, 17810
 11:00 GVQ, England, 17730
 11:00 GRV, England, 12040
 11:00 GRD*, England, 15450
 11:00 GRP, England, 17870
 11:00 GSB, England, 9510
 11:00 GWD*, England, 15420
 12:00 JVV-2, Japan, 9670
 12:00 XGOY, China, 9635
 12:00 GSP*, England, 15310
 12:00 GSI*, England, 15260
 12:00 GSF*, England, 15140
PM
 12:15 TAP, Turkey, 9465
 12:20 2RO24*, Italy, 15465
 12:30 JLG-2, Japan, 9505
 12:30 XGOY, China, 7180
 12:45 HP5G, Panama, 11780, (Week Days).
 01:00*, France, 15240
 01:15 EAQ, Spain, 9860
 01:30 HP5G, Panama, 11780, (Week Days).
 01:30 GSI*, England, 15260
 01:35 HP5A, Panama, 11695
 01:45*, Ireland, 17840
 01:50 JLT-2, Japan, 9645
 02:00 ZNS-2, Bahamas, 6090
 02:00 JLG-2, Japan, 9505
 02:00 GSF*, England, 15140
 02:00 GSD*, England, 11750
 02:00 GSE*, England, 11860
 02:00 GSP*, England, 15310
 02:00 GSI*, England, 15260
 02:00 GSG*, England, 17790
 02:15 HP5G, Panama, 11780, (Week Days).
 02:15 DJL, Germany, 15110
 02:45 FZI*, Congo, 11970
 02:50 EQB, Iran, 6155
 03:00 ZOY, Gold Coast, 6002
 03:00 ZOY, Gold Coast, 7295
 03:30 AFHQ, Allied No. Africa 16022
 03:44 FZI, Congo, 11970
 03:50 PRL-8, Brazil, 11720
 03:50 CR7BE, Mozambique, 9880
 04:25 HAT-4, Hungary, 9125
 04:30 XGOY, China, 7180
 04:30 XGOY, China, 9635
 04:45 News on all following London, England, B. B. C. stations:
 GRB, 6010; GRK, 7185; GRI 9410; GRR, 6070; GSW, 7230
 GSE, 11860; GWA, 6125; GSB, 9510; GSP, 15310; GRS, 7065; GWB, 9550; GRT, 7150; GRH, 9830
 04:45 VLG-7, Australia, 15160
 04:55 VLR-8, Australia, 11760
 04:55 HER-4, Switzerland, 9535
 05:15*, Ireland, 9595
 05:15 GSC*, England, 9580 (Sunday only)
 05:15 GRG*, England, 11680 (Sunday only)
 05:20 SBU, Sweden, 9535
 05:25 CJRX, Canada
 05:30 VONH, Newfoundland, 5970
 05:30 CHNX, Nova Scotia, 6132
 05:45 VLR-8, Australia, 11760
 05:45 VLG-7, Australia, 15160
 05:45 GSC*, England, 9580
 05:45 GRG*, England, 11680
 05:45 GRH, England, 9830
 05:45 GSD, England, 11750
 06:25 JLG-4, Japan, 15105
 06:30 LSL-3, Argentina, 15830
 06:45 ZNS-2, Bahamas, 6090, (Week Days).
 06:45 GSC*, England, 9580
 06:45 GRG*, England, 11680
 06:45 GSD, England, 11750
 06:45 GRH, England, 9830
 06:50 "Radio Center," Moscow, 15230
 07:00 EAQ, Spain, 9860

8160 YV6CBC Los Caritos, Venez. (Texas Oil Co.)
 8170 RRC* Moscow, U. S. S. R. (Narkomsviaz).
 8175 PSA-7* Terezopolis, Brazil. (E.F. Central do Brazil).
 8180 PVK-2* Caracas, Venez. (Etat).
 8185 PSK* Marapicu, Brazil. (Cia Radio Int. do Brazil).
 8188 CNR-2* Rabat, Morocco. (Office cheriffien des P.T.T.)
 8195 PDY* Kootwijk, Holland. (Admin. P. et T.)
 8205 EDS* Pozuelo del Rey, Spain. (C.T.N.B.)
 8217 HSP-5* Bangkok, Thailand. (Admin. des P. et T.)
 8219 EQZ* Teheran, Iran. (Ango Iranian Oil Co.) Reported noon-3 PM.
 8220 ——— Dakar, Senegal, Africa, 3:30-3:50 AM; 8:15-9 AM & 3:15-5:15 PM.
 8230 CXN* Montevideo, Uruguay. (Cia Aeronautica Uruguaya.)
 8270 JSL* Moji, Japan. (Min. des Comm.)
 8325 JKO* Kobe, Japan. (Min. des Comm.)
 8330 ZSC* Slangkop, South Africa. (P. & T.) under construction.
 8330 DAS* Ruegen, Germany. (DRP).
 8340 DAF* Norddeich, Germany. (DRP).
 8380 IAC* Coltano, Italy. (Admin. P. et T.)
 8400 ZTN* Durban, South Africa. (P. & T.)
 8400 ZTF* Cape Maitland, S. Africa. (P. & T.)
 8400 YV5CA* Caracas, Venez. (Etat Obras Publicas).
 8435 JSL* Moji, Japan. (Min. des Comm.)
 8455 DAF* Norddeich, Germany. (DRP).
 8465 XPSA Kweiyang, China, 7:30 AM-noon & 5:30-6:45 PM.
 8470 DAF* Norddeich, Germany. (DRP).
 8475 IAC* Coltano, Italy. See 8380.
 8500 ZUK* Klipheuvell, South Africa. (O. C. of S. A.)
 8500 JZF* Tokyo, Japan. (Admin. des Comm.)
 8515 CZA* Drummondville, P. Q., Canada. (Canadian Marconi Co.)
 8515 IAC* Coltano, Italy. See 8380.
 8515 JBB* Keijo, Japan. See 8500.
 8515 JBJ* Seishin, Japan. See 8500.
 8518 LVV* Presidente Rivadavia, Argentina. (P. et T.)
 8540 HJA-2* Bogota, Colombia. (Cia Telefonica Central.)
 8540 KMI* Dixon, Calif. (A. T. & T. Co.)
 8550 HPI* Panama City, Panama. (Tropical R. T. Co.)
 8550 VIG* Port Moresby, Papua. (A. W. A.)
 8560 WOO* Ocean Gate, N. J. (A. T. & T. Co.)
 8560 WOY* Lawrenceville, N. J. (A. T. & T. Co.)
 8565 HAT-3 Budapest, Hungary. Occasionally broadcasts.
 8565 YV8CR* Caripito, Venez. (Standard Oil Co.)
 8565 YV5CD* Gorrin, Venez. (Standard Oil Co.)
 8565 YV5CC* Las Hoyas, Venez. (Standard Oil Co.)
 8565 YV8CM* Jusepin, Venez. (Standard Oil Co.)
 8580 TGA-5* Guatemala City, Guatemala. (Tropical R. T. Co.)
 8590 YNRS Managua, Nicaragua. "Radiodifusora Nicaraguense," 7:45 PM-mid.
 8630 CMA-5* Havana, Cuba. (Cuba Transat. Radio Corp.)
 8630 CML-5* Santiago de Cuba, Cuba. (Cuba Transat. Radio Corp.)
 8630 KMI* Dixon, Calif. (A. T. & T. Co.)
 8630 IAC* Coltano, Italy. (Admin. P. T.)
 8635 DAF* Norddeich, Germany. (DRP).
 8640 LQS* Hurlingham, Argentina. (C. I. R. *)
 8642 YV6CZ* Guarico, Venez. (Socony Oil).
 8642 YV6CY* Pariaguan, Venez. (Socony Oil).
 8650 HAS* Budapest, Hungary. Sometimes broadcasts.
 8658 XFIV* Villahermosa de Tabasco, Mexico. (D. Gral de C. y Teleg.)
 8660 WOO-4 Ocean City, N. J.
 8660 WOY* Lawrenceville, N. J. (A. T. & T. Co.)
 8663.9 COJK Camaguey, Cuba, 12:30-1:30 PM; 4:30-7 PM & 9-9:30 PM. (Jones Castillon y Cie., Finlay No. 3).
 8680 | GBC* Rugby, England. (G. P. O., London).
 8695 LPI-4* Buenos Aires, Argentina. (P. et T.)
 8700 COCO Havana, Cuba, 5:30 AM-1:30 AM. (Casas y Cia Apartado 98).
 8710 CEC* Santiago, Chile. (Cia I. R. Chile).
 8730 GCI* Rugby, England. (G. P. O., London).
 8755 DLF* Rehmate, Germany. (DRP).
 8760 GCQ* Rugby, England. (G. P. O., London).
 8765 DAF* Norddeich, Germany. (DRP).
 8790 TIN* Cartago, Costa Rica. (Cia R. I. C. R.)
 8810 KGT-6* Los Angeles, Calif. (Press Wireless, Inc.)
 8810 WJP* Hicksville N. Y. (Press Wireless, Inc.)
 8824 CXS* Melo, Uruguay. (P. L. U. N. A.)
 8824 CXO* Montevideo, Uruguay. (P. L. U. N. A.)
 8830 COCQ Havana, Cuba, 6:30 AM-12:15 AM. (Cambo y Gabriel S. A., Calle 25 No. 225).
 8837 ——— Dakar, Senegal, Africa, 3:30-3:50 AM; 8:15-9 AM; & 3:15-5:15 PM.
 8860 GBC* Rugby, England. (G. P. O., London).
 8900 ZLT-3* Wellington, New Zealand. (N. Z. Post & Telegraph Co.)
 8930 KES-2* San Francisco, Calif., 6:15 AM to 1 PM to the Orient.
 8930 WEC* Rocky Point, N. Y. (RCA Communications).
 8940 WKL* Rocky Point, N. Y. (RCA Communications).

07:00 HP5K, Panama, 6005
 07:00 HCJB*, Ecuador, 12455
 07:15 GSC*, England, 9580
 07:15 GRG*, England, 11680
 07:15 GSD*, England, 11750
 07:15 GRH*, England, 9930
 07:18 "Radio Center,"* Moscow, 9860
 07:45 RNB*, Congo, 11970
 07:45 GSC*, England, 9580
 07:45 GRG*, England, 11680
 07:45 GSD, England, 11750
 07:45 GRH, England, 9830
 (All British sta. week days)
 08:15 HP5G, Panama, 11780, (Week Days).
 08:30 2RO3, Italy, 9630
 08:30 2RO22, Italy, 11950
 08:30 2RO4, Italy, 11810
 08:45 XEBT, Mexico, 6000
 09:00 NERQ, Mexico, 9615
 09:00 SBU, Sweden, 9535
 09:00 SBP, Sweden, 11705
 09:05 DXL-13, Germany, 9520
 09:06 ZNS-2, Bahamas, 6090, (Week Days).
 09:06 GSC*, England, 9580
 09:06 GRG, England, 11680
 09:06 GSD, England, 11750
 09:06 GRH, England, 9830
 09:15 HP5K, Panama, 6005
 09:15 VLR-3, Australia, 11880
 09:20 HAT-4, Hungary, 9125
 09:30 HER-3, Switzerland, 6165
 09:30 2RO3, Italy, 9630
 09:45 VUM-2, India, 6150
 09:45 VUD-2, India, 6190
 09:45 VUD-2, India, 7295
 09:45 VUB-2, India, 7240
 09:45 VUD-6, India, 11790
 09:45*, France, 9620
 10:00 COK, Cuba, 11620
 10:00 CJCX, Nova Scotia, 6010
 10:00 PRL-8, Brazil, 11720, (Week Days).
 10:00 PSH, Brazil, 10220
 10:25 HAT-4, Hungary, 9125
 10:30 2RO3, Italy, 9630
 10:30 2RO22, Italy, 11950
 10:30 VLG-3, Australia, 15230
 10:30 VLR-3, Australia, 11880
 10:45 All following London stations carry news followed by "Radio Newsreel" at 11 PM
 GSC*, 9580; GRH, 9830; GCD, 11750; GRT*, 7150; GRX*, 9690; GRN, 6200; GRM, 7120; GRS, 7070; GSL*, 6110
 11:00 DNJ*, Germany, 7240
 11:00 HP5K, Panama, 6005
 11:00 CBFV, Montreal, 6090
 1:00 CHNX, Nova Scotia, 6132
 11:15 GRN*, England, 9690
 11:15 GRT*, England, 7150
 11:15 GSL*, England, 6110
 11:15 GSC*, England, 9580
 11:30 2RO3, Italy, 9630
 11:30 VUD-3, India, 15290
 11:30 VUD-2, India, 6190
 11:30 "Radio Center," Moscow, 9860
 11:45 FZI, Congo, 11970
 12:00 VLG-3, Australia, 15230
 12:00 DNJ*, Germany, 7240
 12:00 VLG-4*, Australia, 11840
AM
 12:30 The following London stations: GSC*, 9580; GRH, 9830; GSD, 11750; GRN*, 9690; GRN, 6200; GRM, 7120; GRS, 7070; GSL*, 6110
 01:00 VLG-4*, Australia, 11840
 01:00 DJP*, Germany, 6030
 01:00 DXJ, Germany, 7240
 01:00*, Java, 18135
 01:00 ZRK, South Africa, 6097
 01:05 The following London stations: GRG, 11680; GSD, 11750; GWC, 15070; GRM, 7120; GRH*, 9830
 01:11 VLG-3, Australia, 15230
 01:11 VLI-3, Australia, 15320
 01:20 XEBT, Mexico, 6000

- 8940 _____ Moscow, U. S. S. R., 9-10 AM.
- 8950 WEL* Rocky Point, N. Y. (RCA Communications).
- 8955 COKG Havana, Cuba, 7-10:30 AM & 3:15-11:30 PM. (Emilio Grau Medina).
- 8960 TPZ-2* Algiers, Algeria, North Africa. Presumably dropped for AFHQ. (TPZ-2*-L'Enfenieur en Chef des P.T.T., 137 Rue de Constantine).
- 8960 AFHQ Algiers, Algeria, N. Africa, 5:15-7:30 PM, approx. networks pickups.
- 8960 COBQ Havana, Cuba. "Voice of Cuba," "Radio Emisora Commercial."

9000 KILOCYCLES BAND

- 9000 _____ Radio Levant, Levant. Status in question.
- 9000 CMV-5* Havana, Cuba. (Corp. Inalambrica Cubano).
- 9005 GCS-2* Rugby, England. (G. P. O., London).
- 9005 TFK* Reykjavik, Iceland. Sometimes used for broadcasting.
- 9010 JWQ* Shingishu, Japan. (Min. des Comm.)
- 9010 KEJ* Bolinas, Calif. (RCA Communications, Inc.)
- 9020 GCS* Rugby, England. (G. P. O., London).
- 9030 COBZ Havana, Cuba, 8:45 AM-12 mid., Su. 8:45 AM-11 PM. "Radio Salas." (Apartado 866).
- 9040 _____ Brazzaville, Middle Congo, Africa. 2-2:20 AM; 2-3:20 PM & 5-5:30 PM.
- 9043.7 VWY* Kirkee, India. (I. R. & C. C., India).
- 9055 JKI-3* Kagoshima, Japan. (Min. des Comm.)
- 9055 _____ Moscow, U. S. S. R. "Radio Center", 6-10:15 PM.
- 9057 DOR* Koenigs Wusterhausen, Germany. (DRP).
- 9060 TFK* Reykjavik, Iceland. Sometimes used for broadcasting.
- 9082 CNR-1 Rabat, Morocco. 1-4 AM & 2-7:45 PM. (Office Cherifien des P. et T.)
- 9085 CGA-5* Drummondville, P. Q., Canada. (Canadian Marconi Co.)
- 9091 CGG-8* Drummondville, P. Q., Canada. (Canadian Marconi Co.)
- 9100 VIW* Wyndham, Australia. (A. W. A.)
- 9105 HI2G Trujillo City, D. R., 7:30-9 AM & 2-3 PM & 5:30-10 PM.
- 9106 PJC-1 Willemstad, Curacao, S. A. See 7250 kcys.
- 9125 HAT-4 Budapest, Hungary, 4 AM-5:55 PM; 7-8:55 PM & 9-11 PM to No. America.
- 9132.5 JXR* Aomori, Japan. (Min. des Comm.)
- 9132.5 JXQ* Sendai, Japan. (Min. des Comm.)
- 9145 VIC* Cooktown, Australia. (A. W. A.)
- 9147 YVR* S. Rita, Venez. (Etat).
- 9160 VIN* Geraldton, Australia. (A. W. A.)
- 9160 IFJ* Roma Torrenova, Italy. (Societa Italcable).
- 9170 WNA* Lawrenceville, N. J. (A. T. & T. Co.)
- 9180 ZSR* Klipheuvell, South Africa. (O. C. of S. A.)
- 9185 JKQ* Kochi, Japan. (Min. des Comm.)
- 9185 JSK* Niigata, Japan. (Min. des Comm.)
- 9190 HC2ET Guayaquil, Ecuador, 8:30 AM-1:30 AM, Su. 9:30 PM to mid. "Radio Telegrafo."
- 9200 COBX Havana, Cuba. Relay station, under construction.
- 9220 COBQ Havana, Cuba. "Radiodifusora de Publicidad." (Vista Alegre 269, Vibora).
- 9255 _____ Bucharest, Roumania. "Radio Bucuresti." (Soc. Romana de Radio difuz).
- 9265 COCX Havana, Cuba, 6:30 AM-1:30 AM, sometimes later sign off.
- 9300 VIO* Broome, Australia. (A. W. A.)
- 9300 VIJ* Samarai, Papua. (A. W. A.)
- 9305 XGOI Shanghai, China. See 7480 & 9660.
- 9320 LRS Buenos Aires Arg., 8-9 AM & 2-2:30 PM & 5-10 PM. "Radio Splendid."
- 9330 VLJ-5* Sydney, Australia. (A. W. A.)
- 9330 VLU-3* Sydney, Australia. (A. W. A.)
- 9332 CGA-4* Drummondville, P. Q., Canada. (Canadian Marconi Co.)
- _____ HBL* Geneva, Switzerland. "Radio Nations." (Radio Suisse S. A.)
- _____ CEC* Santiago La Granja, Chile. (Cia I. R. Chile).
- 9350 CEP* Santiago La Granja, Chile. (Cia de Telef. de Chile).
- 9350 GPL* Oxford, England. (G. P. O. London).
- 9355 HC1BS Quito, Ecuador, 8 PM or earlier to 11:30 PM.
- 9355 WNK* Hialeah, Florida. (A. T. & T. Co.)
- 9355 WOT-3* Lawrenceville, N. J. (A. T. & T. Co.)
- 9370 COBC Havana, Cuba, 9 AM-1:15 AM Sunday 8 AM-11:30 PM. "Radio Progreso." (Apartado 132).
- 9375 _____ Zanzibar. "Zanzibar Calling." Not reported or heard lately.
- 9390 JNX* Nagoya, Japan. (Min. des Comm.)
- 9390 KJE-8* Los Angeles, Calif. (Press Wireless Inc.)
- 9390 WCL* Hicksville, N. Y. (Press Wireless, Inc.)
- 9394.98 CRM-4* Lourenco Marques, Mozambique. (Dir P. T. Moz.)
- 9410 GRI London England, 3-4:30; 6:15-7:15; 8:30-9 AM; 12:45-6:45 PM.
- 9410 FGA-7* Dakar, Senegal, Africa. Sometimes used for broadcasting.

- 01:55 CR7BE, Mozambique, 9880
- 02:15 VLR-3, Australia, 11880
- 02:15 VLQ-3, Australia, 9660
- 02:15 The following London stations: GRG, 11680; GSD, 11750; GWC, 15070; GRM, 7120; GRH, 9830
- 02:55 VLG-3, Australia, 11710
- 03:00 VUC-2, India, 7210
- 03:00 VUB-2, India, 7240
- 03:00 VUM-2, India, 7260
- 03:00 VUD-3, India, 15290
- 03:00 VLI-2, Australia, 11870
- 04:00 The following London stations: GWE, 15440; GSD, 11750; GRG, 11680; GRH, 9830; GRM, 7120; GWC, 15070
- 04:00 The following London stations: GSA, 6050; GSU, 7260; GSC, 9580; GWA, 6125; GRJ, 7320; GRY, 9600; GRN, 6195; GRI, 9410; GVZ, 9640; GRS, 7065; GRU, 9460; GVV, 11730; GRT, 7150; GWF, 9490; GRF, 12095
- 04:20 VLQ-3, Australia, 9660
- 04:58 The following London stations: GRG, 11680; GWE, 15440; GWC, 15070; GSB, 9510; GSD, 11750



Pvt. Lou Tamasic (left) of Niagara Falls, Ont., now with the Canadian Army overseas and Pvt. Kenneth Brown of Hyde Park, Mass., also overseas, but with the U. S. Army.

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9428	HC2AK	Guayaquil, Ecuador, 6-11:05 PM. "Radiodiffisora Ecuador."
9430	—	Moscow, U. S. S. R., 12:30-3; 4:15-7:55; 9-9:20; 10-10:25; 11:30 AM-1 PM.
9430	VLY*	Sydney, Australia. (A. W. A.)
9435	COCH	Havana, Cuba, 6:45 AM-1:15 AM. (Prado 63).
9450	JXP*	Sapporo, Japan. (Min. des Comm.)
9450	WES*	Rocky Point, N. Y. (RCA Communications, Inc.)
9455	GRU	London, England, 11:45 PM-1:15; 4-5:15; 6:45-10:30 AM & 2:15-3:30 PM.
9455	DLY*	Rehmate, Germany. (DRP).
9460	WKJ*	New Brunswick, N. J. (RCA Communications, Inc.)
9465	TAP	Ankara, Turkey, 10:15 AM-3:47 PM. Sometimes irreg. (Turkish Bdcstg. System, Correspondence Dept., Ankara).
9465	JZHA	Victoria, Hong Kong. Jap controlled, 8-10 AM.
9465	JTHK	These two announce together.
9470	WXH-*	Ketchikan, Alaska. (U. S. Army).
9470	WET*	Rocky Point, N. Y. (RCA Communications, Inc.)
9470	CR6RA	Luanda, Angola. 7:30-8:45 AM & 3:15-4:30 PM. "Radio Club de Angola."
9475	VONG	St. Johns, Newfoundland. Replaced by VONH 5975 kilocycles.
9480	KET*	Bolinas, Calif. (RCA Communications, Inc.)
9480	—	Belgrade, Yugoslavia. "Radio Metropole," 2:05 to 6 PM.
9480	CP-38	LaPaz, Bolivia, 8-10 AM; 11 AM-2 PM & 7-11 PM (Casilla 596).
9480	—	Moscow, U. S. S. R. "Radio Center", 6:47-7:25 PM and 8-10 PM to N. A.
9482	—	"Gustav Siegfried Eins," 10:42-11 AM & hourly till 10:48-11 PM.
9483	JZHA	Hong Kong. 7:30-8:30 AM. Question on frequency. This is probably correct call here and JTHK correct on 9465.
9490	KEI*	Bolinas, Calif. (RCA Communications, Inc.) Relays KGEI frequently.
9490	GWF	London, England. New BBC station, 4-4:15; 5:45-8:45 AM; noon-6:45 PM.
9490	WCBX	New York, N. Y., 8 PM to 11:30 PM, directed to Brazil.
9490	KRCA	San Francisco, Calif., 1 AM to 1 PM, directed to the Orient.
9495	OIX-2	Lahti, Finland, 9:15-9:50 AM & 8:25-9:10 PM & 11:05-11:50 PM to N. A.
9500	NEWW	Mexico City, Mexico, 9:59 AM to 3:45 AM. (Apar-tado 2615).
9500	RKD	Moscow, U. S. S. R. irregularly broadcasts.
9500	OAX6D	Arequipa, Peru. "Radio Continental."
9503	—	Belgrade, Yugoslavia. "Radio Metropole", 3:40-3:48 & 9:15-9:40 PM, irreg.
9503	HMV	Bratislava, Slovakia, 6:50-7:45 PM. "Radio Bratislava."
9504	DHE3B	Podiebrad, Bohemia, around 9 PM, irregularly.
9504	DXA-4	Zeesen, Germany.
9505	JLG-2	Tokyo, Japan. 6:30-7:45; 9:30 AM-12:15; 12:30-2:45 PM to N. A., 3-6:30 PM.
9505	PRL-7	Rio de Janeiro, Brazil, evenings irregularly relay "Radio Nacional."
9505	XGSB	Shanghai, China. Proposed station.
9510	GSB	London, England, 12:15 AM to 11:15 AM, almost constant. 2:45-10:45 PM.
9510	CP-3	La Paz, Bolivia.
9510	OAX4W	Lima, Peru. "Radio America", 1 PM to 1 AM.
9515	COCQ	Havan, Cuba, 6:20-9 AM & 8-11 PM.
9520	DXL-13	Paris, France, 12:30-2:30 AM, 12-4 PM & 5:50 PM-midnight to N. A.
9520	XGSA	Hankow, China. Proposed.
9520	OAX4J	Lima, Peru. 9-10 AM; 1-4 PM, 7 PM to 1AM. "Radio Internacional."
9520	DGG	Berlin, Germany. Sign off 5:50 PM irregularly.
9520	RV-96	Moscow, U. S. S. R., 11 PM-1 AM irreg. Call may be RW96.
9523	ZRG	Johannesburg, South Africa, 4:30-11:30 AM approximately. (Box 4559).
9525	DNX	Zeesen, Germany, noon-6 PM.
9525	ZBW-3	Hong Kong. Status in question. Jap controlled.
9527	DNK-2	Luxembourg, until 2:15 PM. (German controlled)
9530	WGEA	Schenectady, N. Y., 4 AM-6 AM, to Europe.
9530	WGEO	Schenectady, N. Y., 5:30 PM to midnight, to West So. America.
9530	KGEI	San Francisco, Calif.
9535	JZI	Tokyo, Japan, 1:30-4 AM to W. N. A.; 8-9:15 AM to E. N. A.; 12:30-2:45 PM to W. N. A. and 7 PM to 10:45 PM to E. N. A.
9535	SBU	Stockholm, Sweden, 5:20-5:35 PM and 9-10 PM to N. A.
9535	HER-4	Berne, Switzerland, 7:30-9; 9:30-11 PM to N. A., ex. Sa.
9535	VPD-2	Suva, Fiji, Islands. (A. W. A.)
9540	VLG-2	Melbourne, Australia, 8-8:45 AM to N.A., 9-10 AM
9540	LKJ	Oslo, Norway, 1:30-2:15; 4-7:30 AM; & 12-1:15 PM; 3:30-6; 11:45 PM to 12:30 AM. (Dir. Gen. Comm.)

POLICE STATIONS

Compiled by
Walter E. Welch

CALL	LOCATION	POWER
190 KCS		
WBA	Harrisburg, Pa.,	300
WBR	Butler, Pa.,	300
WDX	Wyoming, Pa.,	300
WJL	Greensburg, Pa.,	500
WMB	West Reading, Pa.,	300
1610 KCS		
KSRC	San Rafael, Cal.,	500
KSRM	Santa Rosa, Cal.,	500
WPIF	Patrol Boat, "Elizabeth C." N. J.,	30
WQKY	Portable-Mobile, Ill.,	45
WQPC	Chicago, Ill.,	1000
WQPD	Duquoin, Ill.,	1000
WQPE	Effingham, Ill.,	1000
WQPG	Sterling, Ill.,	1000
WQPJ	French Village, Ill.,	250
WQPI	Peoria, Ill.,	250
WQPM	Macomb, Ill.,	1000
WQPP	Pontiac, Ill.,	1000
WQPS	Springfield, Ill.,	1000
WQPN	Portable, Ill.,	168
WQPY	Portable, Ill.,	168
WQPZ	Portable-Mobile, Ill.,	19
WRHI	Portable-Mobile, Ill.,	45
WRHJ	Portable-Mobile, Ill.,	45
WRHK	Portable-Mobile, Ill.,	45
WRHL	Portable-Mobile, Ill.,	45
WRHO	Portable-Mobile, Ill.,	45
WRHN	Portable-Mobile, Ill.,	45
WRHP	Portable-Mobile, Ill.,	45
WRSI	Patrol Boat, "Navigator," N. J.,	25
WRSN	Patrol Boat "Transit," N. J.,	25
WRSN	Patrol Boat "Director," N. J.,	25
WSOE	Alpine, N. J.,	10
WSOF	Launch No. 1, N. J.,	10
WSPZ	Patrol Boat "Anne E.," N. J.,	30
WSRW	Portable-Mobile, Ill.,	45
WSRX	Portable-Mobile, Ill.,	45
WSTE	Portable-Mobile, Ill.,	25
1618 KCS		
WBVM	Jordonia, Tenn.,	1000
1626 KCS		
KOSA	Portable-Mobile, Okla.,	10
KOSC	Portable-Mobile, Okla.,	50
KOSE	Portable-Mobile, Okla.,	30
KOSF	Portable-Mobile, Okla.,	30
KOSO	Oklahoma City, Okla.,	1000
KOSP	Portable, Okla.,	150
KOSR	Oklahoma City, Okla.,	150
KOSU	Claremore, Okla.,	150
KOSW	McAlester, Okla.,	150
KOSX	Clinton, Okla.,	150
KOSY	Lawton, Okla.,	150
WBSP	Beckley, W. Va.,	1000
WBSQ	Aircraft NC-21115, W. Va.,	20
WMWV	Moundsville, W. Va.,	1000
WPMW	South Charleston, W. Va.,	1000
WRMP	Romney, W. Va.,	1000
WRPC	Portable, W. Va.,	1000
WSPL	Elkins, W. Va.,	1000
WSUA	Chapmanville, W. Va.,	1000
WSWV	Shinnston, W. Va.,	1000
KOSA*	Oklahoma,	10
KOSC*	Oklahoma,	50
KOSE*	Oklahoma,	30
KOSF*	Oklahoma,	30
KOSO	Oklahoma City, Okla.,	1000
KOSP*	Oklahoma,	150
KOSR*	Oklahoma,	150
KOSU	Claremore, Okla.,	150
KOSW	McAlester, Okla.,	150
KOSX	Clinton, Okla.,	150
KOSY	Lawton, Okla.,	150
WBSP	Beckley, W. Va.,	1000
WBSQ	Aircraft NC-21115, W. Va.,	20
WMWV	Moundsville, W. Va.,	1000
WPWV	South Charleston, W. Va.,	1000

9540	DJN	Zeesen, Germany.	WRMP, Romney, W. Va., 150
9540	ZL-2	Wellington, New Zealand.	WRPC*, West Virginia, 150
9543	—	"Gustav Seigfried Eins", 10:42-11 AM & hourly to 10:48-11 PM. Undercover.	WSPL, Elkins, W. Va., 1000
9545	XEWV	Mexico City, Mex., irregularly night.	WSUA, Chapmanville, W. Va., 1000
9545	—	Komsomolsk, U. S. S. R., 7:40-8:20; 10:15-10:30 AM.	WSWV, Shinnston, W. Va., 1000
9545	OAX4K	Lima, Peru, 6:30 PM-12:30 AM. "Radio Central".	1635 KCS
9545	MTCY	Hsingking, Manchuko, 9-11 AM; 5-6 PM. Japanese controlled.	KRGL*, Portable-Mobile, Nev., 30
9548	XEFT	Mexico, Vera Cruz, 3 PM-2 AM, also mornings. (Ave. Independencia No. 28).	KRNP, Reno, Nev., 1000
9550	GWB	London, England. New BBC station, 4:15-4:30 AM; 1:30-5 PM.	WAHO, Portable-Mobile, Ind. 120
9550	HVJ	Vatican City. Sked unknown.	WAHP, Portable-Mobile, Ind. 120
9550	DHE3A	Podiebrad, Bohemia.	WAHQ, Portable-Mobile, Ind. 120
9550	DXE-2	Zeesen, Germany.	WAHR, Portable-Mobile, Ind. 120
9550	VUB-5	Bombay, India.	WBII, Connersville, Ind., 500
9550	WGEA	Schenectady, N. Y.	WBMO, Charlestown, Ind., 60
9550	KGEI	San Francisco, Calif.	WPHE, Indianapolis, Ind., 1000
9555	I—	Rome, Italy. 11-11:30 AM; 2-2:30; 3:30-4:30 PM.	WPHS, North Chesterton, Ind., 1000
9555	—	"Arab Nation Radio," 11-1:30 AM; 2-2:30 PM.	WPHU, Jasper, Ind., 1000
9555	XEWC	Mexico City, Mexico.	WQFE, Seymour, Ind., 1000
9558	XETT	Monterey, Mexico, 8 AM to 1 AM. (Apartado 7451).	WQFW, Columbia City, Ind., 1000
9560	DJA	Berlin, Germany, 5:50-8; 9:30 PM to 12:15 AM.	WQGB, Putnamville, Ind., 500
9560	VLW-2	Perth, Australia.	WRNR, Pendleton, Ind., 120
9562	OAX4T	Lima Peru, 9 AM to 3 PM. "Radio Nacional." (Gobierno de Peru.) (Ave. Petit Thouars 447).	WROR, West Lafayette, Ind., 500
9563	HHK	Port au Prince, Haiti. (D. G. des Travaux publics).	WRSR, Scituate, R. I., 1000
9565	JVZ	Tokyo, Japan, 5 to 8 PM.	WRSH, Portable-Mobile, Ind. 120
9565	JRAK	Parao, Palau Group, Caroline Islands, 9:30 AM-12:15 PM (Japanese).	WRSW, Portable, R. I., 10
9565	—	Komsomolsk, U. S. S. R., 3-7:30; 8:30-10 AM; 3 PM to 12:30 AM intermitt.	WSPI, Portable-Mobile, Ind., 60
9570	DXZ	Berlin, Germany, 12:15-1:45; 9:45 AM-12:45 PM & 1:30-3 PM.	1642 KCS
9570	WBOS	Boston, Mass., 4 AM to 6 AM, to Europe.	KWHA, Rock Springs, Wyo., 300
9570	WRUA	Boston, Mass., evenings.	KWHD, Rawlins, Wyo., 300
9570	KWID	San Francisco, Calif., 3 AM to 6:15 AM, directed to Australia.	KWHE, Sheridan, Wyo., 300
9570	KWIX	San Francisco, Calif., parallel with KGEI on 11790 keys, evenings and early AM.	KWHF, Casper, Wyo., 1000
9575	—	Vichy, France, 2:45-3:45; 6-7; 8-9:00 AM & 1:45-3; 4:30-6 PM.	WBLU, Patrol Boat, No. 1, Mich., 50
9577	—	"La France Fidele," undercover, 2:30-4:15 PM & 6-7 PM irreg.	WBNV, Augusta, Me., 1000
9580	VLG	Melbourne, Australia, 11-11:45 AM to N. A.	WMSP, Aircraft NC-81-Y, Mich., 30
9580	VLR	Melbourne, Australia, 4:45-9:30 AM to N. A.	WRCL, Aircraft NC-18Y98, Mich., 20
9580	XPSA	Kweiyang, China, 7 AM-noon.	WRDH, Houghton Lake, Mich., 5000
9580	GSC	London, England, 4-4:30 AM & 12:15 PM to 12:45 AM.	WRDP, Paw Paw, Mich., 1000
9580	VLQ-6	Sydney, Australia.	WRDS, East Lansing, Mich., 5000
9590	WLWO	Cincinnati, Ohio, 8:30 PM to midnight, to W. So. America.	WSTR, Thomaston, Me., 300
9590	DXU-9	Huizen, Holland, 3-5:45 PM and 5:50-8 PM.	WSWD, Wells, Me., 100
9590	OAX5C	Ica, Peru, 7 PM-1 AM, "Radio Universal", Official frequency, shifts often.	WSYD, Patrol Boat Maine, 50
9590	VUD-4	Delhi, India, 1-4; 5:30-5:45; 6:30-11 AM & 12:30-2; 9-11:55 PM.	WSYX, Booth Bay Harbor, Me., 25
9590	—	"Voice of Free India," Axis propaganda, 9-11 PM.	1658 KCS
		"National Congress Radio," Axis propaganda, 11:15-11:55 PM.	KKFD, Kensington Park, Cal., 50
		"Azad Moslem Radio," Axis propaganda, 12:05-12:20 AM.	KNHD, Redwood Falls, Minn., 400
		All 3 these presumably from same transmitter probably located in Germany.	KPDA, Alameda County, Cal., 500
9590	VLQ-10	Sydney, Australia, 1:10-1:40 AM to West N. A.	KPDB, Alameda-Portable, Cal., 100
9590	WCRC	New York, N. Y.	KQCE, Martinez, Cal., 500
9595	VUM-5	Madras, India. Proposed.	KQFJ, Portable-Mobile, Tex., 10
9595	—	Tokyo, Japan, 4:50-9:30 AM.	KRBS, Martinez, Cal., 100
9595	—	Athlone, Ireland. "Radio Eire," 5:05-5:35 PM.	KRGE, Alameda, Cal., 25
9600	GRY	London, England. Intermittent 1 AM to 8:45 AM and 2:15 to 6:45 PM.	KSW, Berkeley, Cal., 1000
9600	XEYU	Mexico City, Mexico, irreg. 11:30 AM or around 1 AM.	KTSP, Longview, Tex., 1000
9603	CE-960	Santiago, Chile, 6 PM to mid. "Radio la Americana." (Casilla 13155).	KTST, Tyler, Tex., 200
9605	JLP	Tokyo, Japan.	KTXA, Austin, Tex., 600
9606	HP5J	Panama City, Panama, 8 AM-2:30; 9:30-11:30 PM. "La Voz de Panama."	KTXB, Portable, Tex., 400
9608	ZRL	Capetown, South Africa, 4:15-11:45 AM; Sun. 2:10-2:45 & 4:30 AM-12:45 PM.	KTNF, Fort Worth, Tex., 500
9610	DXB	Berlin, Germany, 12:30-1:30 AM & 12:30-4:15 PM.	WAMV, St. Paul, Minn., 1000
9610	LLG	Oslo, Norway.	WANH, Raleigh, N. C., 1000
9610	ZYC8	Rio de Janeiro, Brazil, irreg. to midnight.	WANL, Williamston, N. C., 1000
9615	XERQ	Mexico City, Mexico, 9:30-11 AM & 7 PM-1 AM. (Bolivar No. 30).	WANJ, Swannanoa, N. C., 1000
9615	TIPG	San Jose, C. R., evenings.	WANK, Salisbury, N. C., 1000
9615	VLQ	Sydney, Australia.	WANL, Elizabethtown, N. C. 1000
9615	VLI	Sydney, Australia.	WPGC, South Schenectady, N. Y., 5000
9615	—	St. Denis, Reunion Island.	WSYO, Portable, N. Y., 250
9620	DXL-24	Berlin, Germany. Not heard recently.	1666 KCS
			WBKU, Bourne, Mass., 350
			WBVP, Boston, Mass., 250
			WGSP, Atlanta, Ga., 1000
			WMP, Framingham, Mass., 1000
			WPEL, Bridgewater, Mass., 1000
			WPEV, Portable, Mass., 50
			WPEW, Northampton, Mass., 1000
			WPYM, Yarmouth, Mass., 300
			WRBE, Portable, Mass., 100
			WSTJ, North Swainsboro, Ga., 1000
			WSIK, North Albany, Ga., 1000
			WSIN, Griffin, Ga., 500
			WSPN, Nantucket, Mass., 20
			WSPO, Oak Bluffs, Mass., 20
			WSQL, Holden, Mass., 500
			WSQP, Portable, Mass., 35
			1674 KCS
			KANQ, Hillsborough, Cal., 20
			KGHK, Palo Alto, Cal., 20

9620	-----	Addis Abeba, Ethiopia. British occupied. 11:30 AM-12:15 PM.	KGPM, San Jose, Cal., 500
9620	-----	Vichy, France. "Radio Nacional Francais," 6 PM-mid.	KGZT, Santa Cruz, Cal., 100
9620	-----	Leopoldville, Belgian Congo. Testing directed to Europe at 6 PM.	KHPA, Lees Summit, Mo., 1000
9625	NGCA	Kalgan, North China. 7-9 AM.	KHPB, Macon, Mo., 1000
9625	CXA-6	Montevideo, Uruguay, 11 AM-7 PM.	KHPC, Kirkwood, Mo., 1000
9625	HAT-5	Budapest, Hungary.	KHPD, Springfield, Mo., 1000
9625	XGOY	Chungking, China, 10-11:30 AM.	KHPE, Poplar Bluff, Mo., 1000
9630	2RO3	Rome, Italy, 3-3:30 AM; 6:30 PM to mid., to N.A.	KHPF, North Jefferson City, Mo., 1000
9630	CBFX	Montreal, Canada.	KHPG, Portable-Mobile, Mo., 5
9630	VOFB*	St. Johns, Newfoundland. Sometimes broadcasts.	KIUK, Portable, Mo. 150
9630	RW-99	Irkoutsk, U. S. S. R., irregular.	KQCO, Salinas, Cal., 150
9635	XGOY	Chungking, China, reported morning and early afternoon.	KRAZ, Redwood City, Cal., 20
9635	-----	"Gustav Seigfried Eins", 10:42-11 AM and hourly till 11 PM.	KRGX, Redwood City, Cal., 500
9640	GVZ	London, England, 12:45-3:45 AM & noon-6:45 PM intermittently.	KROB, Gilroy, Cal., 20
9640	LRV	Buenos Aires, Argentine, 5:57-9 AM; 1:30-2:30 & 3-11 PM.	KSPH, Hillsborough, Cal., 50, 33220, 15
9640	KZRH	Manilla, Philippines. 6 PM to 9 AM. Jap control.	KWCP, Watsonville, Cal., 50, 35220, 10
9640	CXA-8	Colonial, Uruguay, 9 PM to mid., to 1 AM Su.	WAMF, Portable, Pa., 500
9640	-----	"Deutsche Revolution Station," 8 minutes before hour.	WPIB, Aircraft, Pa., 40
9640	-----	"Gustav Seigfried Eins." 8 minutes before hour, 3 to 9 PM.	WPSP, Harrisburg, Pa., 1000
9640	COX	Havana, Cuba, 6 to 9 PM. Has been heard later.	1682 KCS
9640	YVSC	Caracas, Venez.	KAAS, Sacramento, Cal., 500
9645	LLH	Oslo, Norway, 10 to 11 PM approx., to N. A.	KACC, Fairfield, Iowa, 500
9645	JLT-2	Tokyo, Japan, noon to 2 PM approx.	KACD, Atlantic, Iowa, 500
9645	CR7BJ	Lourenco Marques, Mozambique.	KADJ, Davis, Cal., 5000
9645	I2RO?	Rome, Italy.	KADK, Hilo, Hawaii, 500
9650	WGEO	Schenectady, N. Y.	KADW, Portable-Mobile, Ia., 50
9650	WCBX	New York, N. Y.	KAPA, Portable-Mobile, Cal., 50
9650	WCRC	New York, N. Y., 12:15 AM to 2 AM, to Europe.	KAPI, Grass Valley, Cal., 250
9650	DJW	Berlin, Germany.	KGHO, Des Moines, Iowa, 1000
9650	VLW-2	Perth, Australia, 7-9:15 AM.	KNFN, Cedar Falls, Iowa, 400
9650	DGU*	Nauen, Germany. (DRP).	KNFO, Storm Lake, Iowa, 400
9655	JLS	Tokyo, Japan, 5-11 AM.	KQDO, San Luis Obispo, Cal., 1000
9655	OTV	Leopoldville, Belgian Congo. Proposed.	KQUF, Los Angeles, Cal., 500
9660	HVJ	Vatican City, Sun. 5:30-6 AM; Mo., We., Sa., 11 AM-2 PM; 7:45-8:10 PM.	KQUG, Los Angeles, Cal., 500
9660	VLQ-3	Sydney, Australia, 4:30 PM-9 AM.	KQUH, Los Angeles, Cal., 500
9660	XGOI	Shanghai, China, 7:15-11 AM & 9:30-9:45 PM.	KQUL, New Hall, Cal., 500
9660	LRX	Buenos Aires, Argentina.	KRAD, Alexandria, La., 500
9660	YNCM	Bluefields, Nicaragua. "Ecos del Caribe."	KSCO, Groville, Cal., 1000
9660	G-----	London, England, in Turkish. 1:15-1:30 AM.	KSCY, Yreka, Cal., 350
9662	-----	"German Catholic Station," 12:45-1 PM.	KSPA, Portable-Mobile, La., 50
9665	VLW-4	Perth, Australia, noon to 1 PM.	KSPB, Lake Charles, La., 250
9665	RW-100	Tachkent, U. S. S. R.	KSPC, Monroe, La., 300
9670	WNBI	New York, N. Y., 5-6 PM, to Europe.	KSPF, Franklin, La., 250
9670	KGEI	San Francisco, Calif. Not in use.	KSPG, Portable-Mobile, La., 25
9670	JVW-2	Tokyo, Japan, 9:30 AM-12:15 PM.	KSPL, Leesville, La., 100
9670	2RO9	Rome, Italy. Not heard or reported recently.	KSPR, Redding, Cal., 1000
9670	WRCA	New York, N. Y. Not in use.	WLSP, Baton Rouge, La., 1000
9670	VUD-6	Delhi, India, 7:30-9:45 AM. Frequency in question, may be 9660.	WRPT, Concord, N. H., 1000
9670	DXY-2	Zeesen, Germany.	1690 KCS
9670	DHE3C	Podiebrad, Bohemia.	WAQY, Princess Anne County, Va., 360
9675	DJX	Zeesen, Germany (Berlin), 11:20 AM-5:30 PM.	WBXQ, Wytheville, Va., 1000
9680	VLW-6	Perth, Australia, 7-11:30 AM.	WRIF, Appomattox County, Va., 1000
9680	VLG-8	Melbourne, Australia, occasionally 1:10-1:40 AM.	WRIG, Culpeper County, Va., 1000
9680	VLQ-6	Sydney, Australia, mornings.	WRJI, Jackson, Miss., 2500
9680	XEQQ	Mexico City, Mexico, 10 AM-2:45 AM. "Radio Panamericano."	WSNL, Portabla, Va., 10
9680	-----	Vichy, France, 3:45-4:15 PM.	WSPH, Chesterfield County, Va., 1000
9680	EQC	Teheran, Iran.	1698 KCS
9683	HNF	Baghdad, Iraq.	KAZZ, Topeka, Kans., 500
9685	TGWA	Guatemala City, Guat., 9:50 PM-12:45 AM ex. Sun. 8 PM-12:45 AM.	KNGG, Phoenix, Ariz., 1000
9685	-----	Sverdlovsk, U. S. S. R., noon-2:15 PM; 4:30-5 PM & 6-6:30 PM, irregular.	WAKY, Portable-Mobile, Md., 250
9688	LRA-1	Buenos Aires, Argentina, 11:30 AM-2: 3:30-4:30 & 5-10 PM or later.	WDSP, New Castle, Del., 500
9690	GRX	London, England, Practically 24 hours a day; 10:45 PM-12:45 AM to N. A.	WEVN, North Belair, Md., 250
9690	-----	Singapore, Malaya.	WHWN, Waterloo, Md., 250
9692	TI4NRH	Heredia, Costa Rica. "La Vox de Costa Rica."	WJRF, Dover, Del., 200
9695	JIE-3	Taihoku, Taiwan, 7:45-10:40 AM. Japanese controlled.	WMSC, Cumberland, Md., 250
9695	JVZ-3	Tokyo, Japan.	WMSE, Easton, Md., 250
9695	2RO?	Rome, Italy.	WMSF, Frederick, Md., 250
9700	WRUW	Boston, Mass, 6:15-7:25 PM to Caribbean; 11 PM-2 AM Cent. America.	WMSH, Conowingo, Md., 250
9700	WRUL	Boston, Mass.	WMSR, Randallstown, Md., 250
9700	FIQA	Tananrive, Madagascar, 5-6; 8:30-9:30; 10:30 AM to noon.	WMSW, Waldorf, Md., 250
9700	CE-970	Valparaiso, Chile. See 9730 keys.	WWSG, Salisbury, Md., 250
9703	-----	Fort de France, Martinique. Off air by request of USA Govt. Now that relations have been OK'd may be back on air. Poste Seri Baite 136.	1706 KCS
			KGPC, St. Louis, Mo., 500
			KOHA, Astoria, Ore., 100
			KOHB, Baker, Ore., 10
			KOHC, Coquille, Ore., 100
			KOHD, The Dalles, Ore., 100
			KOHE, Eugene, Ore., 100
			KOHF, Portable-Mobile, Ore., 10
			KOHG, Grant's Pass, Ore., 10
			KOHH, Portable-Mobile, Ore., 40
			KOHI, Government Camp, Ore., 50
			KOHJ, Santiam Junction, Ore., 50
			KOHK, Klamath Falls, Ore., 1000
			KOHL, LaGrande, Ore., 1000
			KOHM, North Portland, Ore., 500
			KOHN, Bend, Ore., 500
			KOHO, John Day, Ore., 100

9705 ——— "Radio Geira" Wed., Sat. 2:15-2:30 PM.
 9710 GCA* Rugby, England. (G. P. O.)
 9720 TGZ* Guatemala City, Guat. (Tropical R. T. Co.)
 9720 NGOA Chungking, China, 7 AM-1 PM.
 9720 PRL-7 Rio de Janeiro, Brazil, 6-9:55 PM; Sun, 9:15 AM-3:55 PM & 4-11 PM.
 9720 ——— "Radio Resistance Patrie," 2-2:20 PM & 4:30-4:50 PM.
 9730 DFO* Nauen, Germany. (DRP).
 9730 CE-970 Valparaiso, Chile, 7:30-9 AM & 5:30 PM-12:30 AM. Casilla 37-V.
 9735 CSW-7 Lisbon, Portugal, 8-9 PM to USA.
 9750 WCDA New York, N. Y., mid. to 2 AM, to Mexico.
 9750 WKLJ New York N. Y., 5 AM to 7:30 AM & 4:15 PM to 11:45 PM, to N. Africa.
 9750 WDL* Ocean Gate, N. J. Voice of America.
 9750 WOF* Lawrenceville, N. J. (A. T. & T. Co.)
 9755 ZRO Durban, South Africa. 5:30-9 AM; 11 AM-6 PM; Sun., 5:50 AM-6 PM.
 9760 VLJ-4* Sydney, Australia. (A. W. A.)
 9760 VLZ-2* Sydney, Australia. (A. W. A.)
 9760 ——— "ATLANTIK," undercover sta., 1:30-2 & 5:30-10 PM.
 9765 RRF* Leningrad, U. S. S. R. Sometimes used for broadcasting, irregularly.
 9765 ——— Leopoldville, Belgian Congo. Testing, 2-2:30 AM; noon-12:30 PM & 5:45-6:15 PM.
 9776 JFO* Taihoku, Taiwan. (Min. des Comm.)
 9780 ——— Brazzaville, Middle Congo. Testing irregularly.
 9780 ——— Undercover Italian station, 4-4:08 PM, irregular.
 9790 GCW* Rugby, England. (G. P. O., London).
 9790 2RO18 Rome, Italy, 12:30-1 AM & 1-10 PM, intermit.
 9800 LSI* Buenos Aires, Argentina. (T. I.)
 9800 HC2RB Guayaquil, Ecuador.
 9805 CJN-4* Drummondville, P. Q., Canada. Canadian Marconi Co.)
 9805 IAB* Coltano, Italy. (Admin. P. et T.)
 9815 IRF Rome, Italy.
 9825 GRH London, England, 1-4:30 AM; 11:30 AM-5 PM & 5:30 PM to 10 PM.
 9830 XPRA Kunming, China.
 9833 COCM Havana, Cuba, 7:45-1 AM. Su. till midnight
 9840 ——— "Hungarian Radio Nations," Sun. 2:15-2:30; 4:15-4:30 AM; 2:15-2:30 PM.
 9840 VIS* Sydney, Australia, relay to San Francisco.
 9840 JYS* Tokyo, Japan. (Min. des Comm.)
 9847 ——— "Radio Nacional Facisti" (German), 3:30-6:45 PM.
 9855 EAQ* Aranjuez, Spain. (Trans radio Espanola), 6:57-8 PM.
 9860 ——— Sverdlovsk, U. S. S. R.
 9860 CR7BE Lourenco Marques, Mozambique, 1-2; 5:30-8 AM and 2:25-4:30 PM.
 9870 WON* Lawrenceville, N. J. (A. T. & T. Co.)
 9875 DLH* Rehmate, Germany. (DRP).
 9880 ——— Moscow, U. S. S. R., 8:25-8:55 AM, noon-1 PM, 11 PM-7:30 AM.
 9890 LSN-2* Hurlingham, Argentina. (C. I. R.)
 9892 CP-1 Sucre, Bolivia.
 9897.5 WKRD New York, N. Y., 5 AM to 6 AM, to Europe.
 9897.5 WKRX New York, N. Y., 6 PM to 8:45 PM to N. Europe.
 9897.5 KROJ Los Angeles, Calif. 11 PM-4 AM to N. E. I.; 4:15 AM-9 AM, to Australia; 9:15 AM to 1:45 PM, to N. E. I.
 9897.5 WHL-5* New York, N. Y. Voice of America.
 9900 GCE* Rugby, England. (G. P. O., London).
 9905 WRX* Lawrenceville, N. J. (A. T. & T. Co.)
 9909.3 ZTJ Johannesburg, South Africa. (S. A. B. C.)
 9920 DLG* Rehmate, Germany. (DRP).
 9925 GCU-2* Rugby, England. (G. P. O., London).
 9925 JDY* Darien, Manchukuo, China. (M. T. T.)
 9940 TIV-2* Cartago, Costa, Rica. (Cia R. I. C. R.)
 9940 HRL-7* La Mina, Honduras. (Tropical R. T. Co.)
 9940 HRA-7* Puerto Cassilla, Honduras. (Tropical R. T. Co.)
 9940 HRM-6* Tela, Honduras. (Tropical R. T. Co.)
 9940 YNA* Managua, Nicaragua. (Tropical R. T. Co.)
 9940 CSW-3 Lisbon, Portugal.
 9950 COCU Havana, Cuba. Relay sta., sometimes broadcasts.
 9950 GCU* Rugby, England. (G. P. O., London).
 9958 HCJB Quito, Ecuador, 7:45-9:45 AM; 12:30-3:45 PM & 6-11 PM.
 9966 IRS* Rome, Italy. (Societe Italcable).
 9966 ——— "German Catholic Station," 4:15-4:30 PM.
 9980 ——— Brazzaville, Middle Congo, 2:00-2:20 AM; 2-3:20 & 5-5:30 PM.
 9995 ——— Makassar, Celebes, 6-9:05 AM, 6-8 & 11 PM-mid.
 9995 ——— "Bulgarian Freedom Station," 2:15-2:35; 3:15-3:32; 4:15-4:30 PM.

10000 KILOCYCLES BAND

10000 CX-14 Montevideo, Uruguay.
 10000 WWV* Beltsville, Md. Standard frequency station.
 10005 ——— "Voice of Free Arabs," 2:15-2:30; 3:15-3:30 & 4:15-4:30 PM, pro-Axis.

KOHP, Pendleton, Ore., 100
 KOHQ, North Medford, Ore., 500
 KOHR, Roseberg, Ore., 250
 KOHS, Salem, Ore., 1000
 KOHT, Portable, Ore., 10
 KOHU, Burns, Ore., 100
 KOHV, Portable-Mobile, Ore., 10
 KOHW, Portable-Mobile, Ore., 10
 KOHN, Portable-Mobile, Ore., 10
 KOHY, North Odell Lake, Ore., 50
 KOHZ, Portable-Mobile, Ore., 50
 KPPI, Government Camp, Ore., 50
 WKDU, Cincinnati, Ohio., 500
 WPPT, Lexington, Ky., 500,
1714 KCS
 KACU, Longview, Tex., 300
 KADM, Gainsville, Tex., 225
 KADT, Marshall, Tex., 50
 KALM, Pomona, Cal., 50
 KAPM, Wailuku, Hawaii, 50
 KBSN, Lanai City, Hawaii, 40
 KEPL, Victoria, Tex., 200
 KGHY, Whittier, Cal., 50
 KGJX, Pasadena, Cal., 400
 KGPJ, Beaumont, Tex., 300
 KGPO, Honolulu, Hawaii, 100
 KGZQ, Waco, Tex., 250
 KHAA, Wahiawa, Hawaii, 100
 KHAB, Kaneohe, Hawaii, 100
 KHAC, Pearl City, Hawaii, 50
 KHTP, Houston, Tex., 500
 KKPJ, Kilgore, Tex., 100
 KNFJ, Pomona, Cal., 50
 KNGE, Cleburne, Tex., 30
 KNHF, Denton, Tex., 100
 KPAT, Port Arthur, Tex., 150
 KQDN, Lufkin, Tex., 500
 KQJN, Los Angeles, Cal., 100
 KQJQ, Los Angeles, Cal., 100
 KQJP, Los Angeles, Cal., 100
 KQKM, Paris, Tex., 250
 KQNW, Mexia, Tex., 50
 KQNY, Paia, Hawaii, 100
 KRAN, Nacogdoches, Tex., 50
 KRGA, Corsicana, Tex., 100
 KRHZ, Honolulu, Hawaii, 25
 KRKC, Waxanachie, Tex., 50
 KRKN, Whittier, Cal., 50
 KRKP, Lake Charles, La., 50
 KRLB, Kaunakakai Mulokai, Hawaii, 25
 KRPW, Galveston, Tex., 50
 KSBC, San Bernardino, Cal., 500
1714 KCS
 KTWP, McKinney, Tex., 50
 KVP, Dallas, Tex., 500
 KVPA, Dallas, Tex., 500
 WAKE, Everett, Mass., 50
 WAKV, Fall River, Mass., 50
 WBRI, Bristol, R. I., 50
 WBSW, Newton, Mass., 25
 WMPB, Brockton, Mass., 50
 WMPH, Newport, R. I., 50
 WMPN, Needham, Mass., 50
 WMPR, Revere, Mass., 50
 WMVP, Westport, Mass., 50
 WPDB, Chicago, Ill., 500
 WPDC, Chicago, Ill., 500
 WPDD, Chicago, Ill., 500
 WPDU, Pittsburgh, Pa., 400
 WPRD, Arlington, Mass., 100
 WPEH, Somerville, Mass., 100
 WPEI, East Providence, R. I., 50
 WPFN, Newton, Mass., 50
 WPFN, Fairhaven, Mass., 100
 WPGF, Providence, R. I., 150
 WPGU, Cohasset, Mass., 50
 WPHG, Medford, Mass., 100
 WPIA, Warren, R. I., 40
 WPNM, Newton, Mass., 50
 WQFI, Oak Park, Ill., 50
 WQFN, Waukegan, Ill., 100
 WRNA, Waltham, Mass., 50
 WSVC, Malden, Mass., 50
1722 KCS
 KADS, Marysville, Cal., 350
 KAGD, Woodland, Cal., 25
 KAZG, Willows, Cal., 350
 KASP, Little Rock, Ark., 1000
 KBSL, Newport, Ark., 500
 KHAD, Portable, Ark., 500
 KNGF, Sacramento, Cal., 500
 KQSR, Eldorado, Ark., 500
 KRPD, Roseville, Cal., 50
 KSPD, Sacramento-Portable Cal., 50

10010	KGT-7*	Los Angeles, Calif. (Press Wireless, Inc.)
10010	WJQ*	Hicksville, N. Y. (Press Wireless, Inc.) Was used as V. of America.
10025	OTU	Leopoldville, Belgian Congo. Authorized.
10040	HJA-3*	"Wehrmacht Sender Nord," 6:30-6:50 PM, irreg. Barranquilla, Colombia. (Cia Telefonica Central)
10040	HII*	Cuidad Trujillo, D. R. (Cia Dom. de Telefonos).
10040	HHT*	Port-au-Prince, Haiti. (West Indies Telephone Co.)
10040	RV-??	Kuibyshev, U. S. S. R.
10042	DZB*	Zeesen, Germany. (DRP).
10050	XBHX	Mexico City, Mexico, 8 AM-8 PM.
10050	TIEMP	San Jose, Costa Rica.
10055	ZFB*	Bermuda. (West Indies Cable & Wireless, Ltd.)
10055	SUV	Cairo, Egypt, 11-11:45 AM; 12:15-12:45 PM; 5:45-6:15 PM, irreg.
10060	RAQ*	Tachkent, U. S. S. R., occasionally relays as "Radio Center."
10065	MTCY	Hsingking, Manchukuo, 1:30-3 AM to N. A.
10070	EDM*	Pozuelo del Rey, Spain. (C. T. N. E.)
10070	EDS*	Pozuelo del Rey, Spain. (C. T. N. E.)
10070	EHY*	Pozuelo del Rey, Spain. (C. T. N. E.)
10070	HRL-2*	La Lima, Honduras. (Tropical R. T. Co.)
10080	XBHV*	Guadalajara de Jalisco, Mexico. (Banco NCL Mexico, S. A.)
10085	XBHX*	Mexico City, Mexico. (Banco NCL Mexico, S. A.)
10090	KLR*	Bolinas, Calif. (RCA Communications, Inc.)
10090	WDK*	Rocky Point, N. Y. (RCA Communications, Inc.)
10090	KKS*	Kahuku, Hawaii. (RCA Communications, Inc.)
10090	EDR-3*	El Tablero, Spain. (C. T. N. E.)
10095	LT2X*	Choele Choele, Argentina. (G. N.)
10100	XBHW*	Chihuahua, Mexico. (Banco Ncl Mexico, S. A.)
10100	WDF-2*	San Juan, Porto Rico. (Radio Corp of Porto Rico).
10110	WMA-3*	Lawrenceville, N. J. (A. T. & T. Co.)
10110	XBHU*	Hermosillo del Sonora, Mexica. (Banco Ncl Mexico, S. A.)
10110	XBHZ*	Orizaba, Mexico. (Banco Ncl Mexico, S. A.)
10120	PSI*	Rio de Janeiro, Brazil.
10128	DON*	Koenigs Wusterhausen Germany. (DRP).
10128.75	HJA-2*	Bogota, Colombia. (Cia Telefonica Central).
10128.75	HJA-6*	Medellin, Colombia. (Cia Telefonica Central).
10130	JZF*	Taihoku, Japan. (Min. des Comm.)
10130	HH3W	Port-au-Prince, Haiti, 12:30-4:45 PM and 7-11:30 PM.
10140	IAD*	Coltano, Italy. (Admin. P. et T.)
10140	IAF*	Fiumicino, Italy. (Admin. P. T.)
10140	OPM*	Leopoldville, Belgian Congo. (Govt. Station) broadcasts.
10140	KES*	Bolinas, Calif., sometimes relays KGEI.
10150	DLE*	Rehmate, Germany. (DRP).
10150	OCY-2*	Lima, Valverde, Peru. (All America Cables Ltd.)
10160	XBHY*	Monterey, Mexico. (Banco Ncl Mexico, S. A.)
10170	RIO*	Bakou, U. S. S. R. (Narkomsviaz).
10170	—	"Norwegian Freedom Station," undercover irregular, 11 AM-2:45 PM.
10190	JVX-2*	Tokyo, Japan. (Min. des Comm.) early AM occasionally.
10197.5	WNC-4*	Hialeah, Florida. (A. T. & T. Co.)
10200	LTU*	Comodoro Rivadavia, Argentina. (G. N.)
10210	DGD*	Nauen, Germany. (DRP).
10215	IAE*	Coltano, Italy. (Admin. P. et T.)
10220	PSH	Rio de Janeiro, Brazil, 6:25-8: 8:30-8:45; 10-10:07 PM. (Dept. of Press & Propaganda, Caixa Postal 709).
10220	RFL*	Khabarovsk, U. S. S. R. (Narkomsviaz).
10230	CED*	Antofagasta, Banca Playa, Chile. Cia de Telef. de Chile.)
10230	EKB*	Tokyo, Japan. (Min. des Comm.)
10250	LSK-3*	Hurlingham, Argentina. (C. I. R.)
10250	TFJ*	Reykjavik, Iceland. (Dir. Gen. des P. et T.)
10260	XGAP	Pieping, China, 9 AM to noon.
10260	—	"Radio Levant," Levant.
10270	JZO*	Tokyo, Japan. (Min. des Comm.)
10290	DZC*	Zeesen, Germany. (DRP), broadcasts noon to 12:15 A. M.
10295	KWY-5*	Dixon, Calif. (A. T. & T. Co.)
10300	LSL-2*	Hurlingham, Argentina. (C. I. R.)
10305	ZFD	St. George, Bermuda.
10310	ELW*	Monrovia, Liberia. (Liberian Gov't.)
10330	2RO19	Rome, Italy, 3:30-4:30 & 6:30-10 PM.
10335	ZFD	St. George, Bermuda. This is official listed frequency. See 10305.
10350	—	"Station Debunk," 8:30-9 PM. Axis propaganda station.
10350	LSX	Buenos Aires, Argentina, 8 PM to mid., irreg.
10370	EDR-3*	El Tablero, Spain. (C. T. N. E.)
10370	EHZ*	El Tablero, Spain. (C. T. N. E.)
10375	JVO*	Tokyo, Japan. (Min. des Comm.)
10380	WCG*	Rocky Point, N. Y. (RCA Communications, Inc.)
10390	KER*	Bolinas, Calif. (RCA Communications, Inc.)
10395	HET-4*	Schwarzenburg, Switzerland. (Admin. des P. et T.)
10400	YSP	San Salvador, El Salvador. "La Voz de la Cuscatlan."
	1730 KCS	
	KGPL,	Los Angeles, Cal., 500
	KNGX,	Los Angeles, Cal., 200
	KPDC,	Culver City, Cal., 50
	KQEG,	Gardena, Cal., 25
	WDCW,	Portable, Ohio, 500
	WPGG,	Findlay, Ohio, 500
	WPGQ,	Columbus, Ohio, 1000
	WPHC,	Massillon, Ohio, 400
	WPHK,	Wilmington, Ohio, 400
	WPHT,	Cambridge, Ohio, 400
	WQFT,	Portable, Ohio, 500
	2366 KCS	
	WAKC,	Freehold, N. J., 400
	WMCM,	Morristown, Pa., 500
	2382 KCS	
	KGHT,	Brownsville, Tex., 400
	KGHV,	Corpus Christi, Tex., 500
	KHAR,	Harlingen, Tex., 400
	KNFE,	Duluth, Minn., 400
	KNHB,	Green Bay, Wis., 1000
	KQOI,	Cheyenne, Wyo., 500
	KQRK,	Duluth, (Portable) Minn., 100
	WAKE,	Oshkash, Wisc., 500
	WASD,	Madison, Wisc., 300
	WASP,	Selma, Ala., 100
	WBSR,	Pensacola, Fla., 500
	WFDW,	Fon-Du-Lac, Wisc., 250
	WMPE,	Elkhorn, Wisc., 250
	WMPM,	Montgomery, Ala., 500
	WPDN,	Auburn, N. Y., 50
	WPEA,	Syracuse, N. Y., 500
	WPFM,	Birmingham, Ala., 400
	WPER,	Birmingham, Ala., 1000
	WPGW,	Mobile, Ala., 400
	WQIG,	Gadsden, Ala., 250
	WRJK,	Monroe, Wisc., 200
	2406 KCS	
	KBPD,	Butte, Mont., 100
	KGHZ,	Little Rock, Ark., 100
	KGPW,	Salt Lake City, Utah, 100
	KHMP,	Helena, Mont., 50
	KNHE,	Fort Smith, Ark., 100
	KPBA,	Blytheville, Ark., 250
	KPDM,	Monticello, Ark., 50
	KPGE,	Great Falls, Mont., 50
	KQEH,	Hot Springs, Ark., 250
	KQGT,	Pine Bluff, Ark., 250
	KQHU,	Anaconda, Mont., 100
	KQIZ,	Billings, Mont., 100
	KQKD,	Missoula, Mont., 250
	KQMC,	Garland County, Portable, Ark., 15
	KRNQ,	Fayetteville, Ark., 100
	KSDC,	Arkansas City, Ark., 250
	KTAE,	Texarkana, Ark., 100
	WRJP,	Braineid, Minn., 50
	2414 KCS	
	KABI,	Ephrata, Wash., 100
	KACE,	Olympia, Wash., 250
	KACJ,	Wenatchee, Wash., 250
	KACK,	Bellingham, Wash., 15
	KACN,	San Buenaventura, Cal., 200
	KACO,	Tracy, Cal., 50
	KACS,	Bakersfield, Cal., 500
	KACV,	Walla Walla, Wash., 100
	KADL,	Port Orchard, Wash., 100
	KAPH,	Stockton, Cal., 500
	KAPL,	Hoquiam, Wash., 50
	KASE,	Modesto, Cal., 500
	KASE,	Bremerton, Wash., 50
	KBJA,	Kelso, Wash., 250
	KGDU,	Santa Barbara, Cal., 35
	KGHS,	Spokane, Wash., 100
	KGHW,	Centralia, Wash., 50
	KGPA,	Seattle, Wash., 500
	KGPF,	Santa Fe, N. M., 50
	KGZA,	Fresno, Cal., 50
	KGZM,	El Paso, Tex., 500
	KGZN,	Tacoma, Wash., 100
	KGZO,	Santa Barbara, Cal., 1000
	KGZV,	Aberdeen, Wash., 125
	KGZX,	Albuquerque, N. M., 50
	KNFA,	Clovis, N. M., 500
	KNFI,	Mt. Vernon, Wash., 150
	KNFP,	Everett, Wash., 500
	KNGU,	Yakima, Wash., 100
	KNGY,	Lodi, Cal., 40
	KPAP,	Port Angeles, Wash., 50
	KQBX,	Portable-Mobile, Wash., 50
	KQCG,	Turlock, Cal., 50
	KQDM,	Colfax, Wash., 100
	KQDP,	Merced, Wash., 100
	KQDQ,	Modesto, Cal., 75

**SHORTWAVERS SERVING
UNCLE SAM**

Cpl. Earl Roberts (left) prominent DXer, now is in the Army Air Force at Casper, Wyo., he used to be short-wave editor for NNRC—remember! And on the right is Pfc. Francis Fellers of Amherst, Mass., now studying for the Army at Cornell University Medical School in New York City.



- 10400 KEZ* Bolinas, Calif. (RCA Communications, Inc.)
- 10410 KES* Bolinas, Calif. (RCA Communications, Inc.) relays KGEL.
- 10415 PDK* Kootwijk, Holland, also uses 10410 and 10420.
- 10420 XGW* Shanghai, China. (C. G. R. A. Minn. of Comm.)
- 10440 DGH* Nauen, Germany. (DRP).
- 10445 RRD* Moscow, U. S. S. R. Probably used for "Radio Center", broadcasts 12-3 AM; 7:40-8:20 AM to North America.
- 10475 XGT* Shanghai, China.
- 10500 LRN-3* S. Martin de los Andes, Argentina. (P. et T.)
- 10525 VLK* Sydney, Australia. (A. W. A.)
- 10525 VLN-8* Sydney, Australia. (A. W. A.)
- 10525 VLI-10 Sydney, Australia.
- 10530 GBX* Rugby, England. (G. P. O., London).
- 10535 JIB* Taihoku, Taiwan. (Min. des Comm.)
- 10543 DZD* Zeesen, Germany. (DRP). 12:10-12:30 AM and 5:50 PM to mid., to No. America.
- 10550 WOK* Lawrenceville, N. J. (A. T. & T. Co.)
- 10560 WMA-4* Lawrenceville, N. J. (A. T. & T. Co.)
- 10560 WDI-3* Ocean Gate, N. J. (A. T. & T. Co.)
- 10590 XDAL* Chapultepec, Mexico. (D. Gral de C. y Telegr.)
- 10600 WQW* Rocky Point, N. Y. (RCA Communications, Inc.)
- 10600 ZIK-2 Belize, British Honduras, 9-9:20 PM irreg. Gov't radio station.
- 10605 LRN-4* S. Martin de los Andes, Argentina. (P. et T.)
- 10610 WEA* Rocky Point, N. Y. (RCA Communications, Inc.)
- 10620 EDN* Pozuelo del Rey, Spain. (C. T. N. E.)
- 10620 EDS* Pozuelo del Rey, Spain. (C. T. N. E.)
- 10620 EHX* Pozuelo del Rey, Spain. (C. T. N. E.)
- 10620 WEF* Rocky Point, N. Y. (RCA Communications, Inc.)
- 10620 KES-3* Bolinas, Calif., 1 AM to 6 AM, to the Orient.
- 10630 WED* Rocky Point, N. Y. (RCA Communications, Inc.)
- 10640 WQW* Rocky Point, N. Y. (RCA Communications, Inc.)
- 10660 JVN* Tokyo, Japan. (Min. des Comm.)
- 10670 CEC* Santiago, la Granja, Chile. (Cia I. R. Chile).
- 10670 CEP* Santiago la Granja, Chile. (Cia de Telef. Chile).
- 10670 HPH* Panama City, Panama. (Tropical R. T. Co.)
- 10675 WNB* Lawrenceville, N. J. (A. T. & T. Co.)
- 10700 LPL* General Pachecho, Argentina. (P. et T.)
- 10703 DOW* Koenigs Wusterhausen, Germany. (DRP).
- 10730 VQ7LO Nairobi, Kenya, Africa, approx. 9:15-10 AM & 10:15-11 AM.
- 10740 JVM* Tokyo, Japan. (Min. des Comm.)
- 10750 KJE19* Los Angeles, Calif. (Press Wireless, Inc.)
- 10750 KOP* Daly City, Calif. (Press Wireless, Inc.)
- 10750 WHL* Hicksville, N. Y. (Press Wireless, Inc.)
- 10750 KGT-7* Los Angeles, Calif. (Press Wireless, Inc.)
- 10760 PSG* Rio de Janeiro, Brazil. (Cia Radio Int. do Brazil)
- 10770 GCP* Rugby, England. (G. P. O., London).
- 10770 JCG-3* Naha, Japan. (Min. des Comm.) Proposed.
- 10785 DGA* Nauen, Germany. (DRP).
- 10790 WNC-3* Hialeah, Florida. (A. T. & T. Co.)
- 10795 GCL* Rugby, England. (G. P. O., London).
- 10840 KWV* Dixon, Calif. (A. T. & T. Co.), 2 AM-4:30 AM to Australia.
- 10840 JGF-2* Osaka Japan. (Min. des Comm.)
- 10850 DFL* Nauen, Germany. (DRP).
- 10870 GCD* Rugby, England. (G. P. O., London).
- 10880 OCX-2* Lima, Peru. (All America Cables, Ltd.)
- 10885 NOG* Shanghai, China. (C. G. R. A. Min. of Comm.)
- 10910 TGA-6* Guatemala City, Guat. (Tropical R. T. Co.)
- 10925 LOB-5* Puerto Aguirre, Argentina. (P. et T.)
- 10940 KWY-2* Dixon, Calif. (A. T. & T. Co.)
- 10950 VLK-4* Sydney, Australia. (A. W. A.)
- 10950 LPA-2* Rio Grande, Tierra del Fuego, Argentina. (P. et T.)
- 10980 ZLT-4* Wellington, New Zealand. (N. Z. Post & Tel. Dept.)
- 11000 KILOCYCLES BAND**
- 11000 ZLT-5* Wellington, New Zealand. (N. Z. Post & Tel. Dept.)
- 11010 LPD* General Pachecho, Argentina. (P. et T.)

- KQEC, Port Townsend, Wash., 50
- KQGE, Coeur Dalene, Ida., 100
- KQHW, Coupeville, Wash., 50
- KQJF, Moscow, Ida., 250
- KQWA, Chehalis, Wash., 150
- KRAU, Ritzville, Wash., 100
- KRDY, Fresno, Cal., 300
- KRLG, Lewiston, Ida., 250
- KRLI, Spokane, Wash., 50
- KRNM, Roswell, N. M., 500
- KSBP, Santa Barbara, Cal., 35
- KSMP, Santa Maria, Cal., 50
- KSOM, Merced, Cal., 250
- WAKN, Herkimer, N. Y., 50
- WBLV, Columbus, Ga., 50
- WCK, Detroit, Mich., 1000
- WMO, Highland Park, Mich., 50
- WMPF, Waycross, Ga., 50
- WPDA, Tulare, Cal., 150
- WPDN, Detroit, Mich., 500
- WPDY, Atlanta, Ga., 400
- WPFH, Baltimore, Md., 500
- WPFJ, Columbus, Ga., 250
- WPGH, Albany, N. Y., 300
- WPGJ, Utica, N. Y., 100
- WQFB, Macon, Ga., 250
- WQFJ, Oneonta, N. Y., 50
- WQFV, Augusta, Ga., 250
- WRJW, Americus, Ga., 50
- 2422 KCS**
- KACA, Atchison, Kans., 120
- KGPE, Kansas City, Mo., 1000
- KGPG, Vallejo, Cal., 50
- KGZC, Topeka, Kans., 250
- KHCP, Eureka, Cal., 500
- KNEF, Leavenworth, Kans., 50
- KNGV, Salina, Kans., 50
- KPNC, Napa, Cal., 50
- KQKO, Mount Shasta, Cal., 50
- KQRO, Colusa, Cal., 150
- KRAF, Falls City, Neb., 100
- KRJC, Manhattan, Kans., 50
- WAMD, Annapolis, Md., 50
- WGMP, Gloucester, Mass., 50
- WJNY, Jamestown, N. Y., 100
- WKMS, Rockland, Me., 50
- WMJ, Buffalo, N. Y., 500
- WNFP, Niagara Falls, N. Y., 125
- WPDR, Rochester, N. Y., 500
- WPDW, Washington, D. C., 400
- WPFU, Portland, Me., 100
- WRHT, Nashville, Tenn., 250
- WSKQ, Winchester, Va., 300
- 2430 KCS**
- KADF, Yuma, Ariz., 250
- KGPB, Minneapolis, Minn., 400
- KGPR, Minneapolis, Minn., 400
- KGZJ, Phoenix, Ariz., 100
- KNGO, Shreveport, (Portable) La. 25
- KNGP, Shreveport, La., 250
- KPML, Monroe, La., 500
- KQEP, Tucson, Ariz., 50
- KQEN, Yavapai County, Ariz., 150
- KQHM, Prescott, Ariz., 250
- KQOJ, Flagstaff, Ariz., 250
- KQPW, Tucson, Ariz., 350
- KQSJ, Yavapai County Portable, Ariz., 150
- KRAC, Florence, Ariz., 250
- KRDW, Winslow, Ariz., 50
- KRIZ, Mesa, Ariz., 20
- KRJA, Safford, Ariz., 75
- WAKH, Bloomfield, N. J., 50
- WAKL, St. Clairsville, Ohio, 150
- WBRP, Baton Rouge, La., 250
- WCMP, Columbia, S. C., 50
- WCPD, Charleston, S. C., 50
- WPDI, Columbus, Ohio., 250
- WPDM, Dayton, Ohio, 400
- WPEK, New Orleans, La., 250
- WPFK, Hackensack, N. J., 500
- WPGI, Portsmouth, Ohio, 200
- WPHO, Zanesville, Ohio, 50
- WPRH, Rock Hill, S. C., 50
- WQFO, Lancaster, Ohio, 200
- WQRW, Newark, Ohio, 50
- WRIC, Chillicothe, Ohio, 200
- WSAG, Ashland, Ky., 200
- WSPP, Scotch Plains, N. J., 50
- WSPX, Jackson, Ohio, 200
- WSSC, Spartanburg, S. C., 250
- 2442 KCS**
- KADV, Eugene, Ore., 200
- KASD, San Angelo, Tex., 500
- KGHU, Austin, Tex., 100

11040	CSW-6	Lisbon, Portugal, 1-5:30; 5:45-7:45 PM. "Emisora Nacional."	KGPP, Portland, Ore., 500
11090	—	Ponta Delgada, Azores, 3-4:55 PM.	KGPX, Denver, Colo., 1000
11100	CSW-5	Lisbon, Portugal, 3:50-4 PM.	KGZH, Klamath Falls, Ore., 25
11110	LPD*	General Pachecho, Argentina. (P. et T.)	KGZR, Salem, Ore., 50
11145	WCDA	New York, N. Y., 5 PM-6:45 PM, to Europe.	KNHM, Fargo, N. D., 100
11165	PRE-9	Fortaleza, Brazil.	KPDG, Greeley, Colo., 250
11195	DAF*	Norddeich, Germany. (DRP).	KPDL, Longmont, Colo., 50
11210	DAN*	Norddeich, Germany. (DRP).	KPLJ, La Junta, Colo., 150
11210	DAS*	Ruegen, Germany. (DRP).	KQAD, Indio, Cal., 250
11215	VIS*	Sydney, Australia. (A. W. A.)	KQFV, Fort Collins, Colo., 50
11225	YVK-2*	Caracas, Venez. (Etat).	KQGA, Boulder, Colo., 50
11250	CLA-5*	Havana, Cuba. (Direccion de Radio, Min. des Comm.)	KQHI, Denver, Colo., 400
11255	DAF*	Norddeich, Germany. (DRP).	KQHL, Banning, Cal., 250
11270	FIA-6*	Douala, Camerouns, Africa. (Office de P. T. T.)	KQIN, Bend, Ore., 50
11325	LVV*	Presidente Rivadavia, Argentine. (P. et T.)	KQKN, Astoria, Ore., 50
11370	WMI*	Lorain, Ohio. (The Lorain County Radio Corp.)	KQSF, Blythe, Cal., 150
11370	—	"Croatian Freedom Station," 2:30-2:43 PM.	KQSG, Riverside, Cal., 500
11400	TDA*	Guatemala City, Guat. (Gobierno Guatemala).	KQXT, Grand Junction, Colo., 500
11402	HBO*	Geneva Switzerland. (Radio Suisse, S. A.) occasionally broadcasts.	KRHY, Pueblo, Colo., 50
11413	CJA-4*	Drummondville, P. Q., Canada. Canadian Marconi Co.)	KRIQ, Medford, Ore., 50
11430	LRQ-2*	Puerto Aguirre, Argentina. (P. et T.)	KRIV, Corona, Cal., 50
11450	CMV-5*	Havana, Cuba. (Corp. Inalambric Cubano).	WAKO, Fort Lauderdale, Fla., 100
11460	VVN*	Madras, India. (Dis. Gen. des P. et T.)	WAKX, York, Pa., 40
11470	LSK-4*	Hurlingham, Argentina. (C. I. R.)	WAMB, Connorsville, Ind., 40
11470	—	"Azad Moslem Radio," 9:30-9:45 AM.	WAMG, Kalamazoo, Mich., 200
11470	—	"Voice of Free India," 10 AM-12:05 PM.	WASF, Elwood, Ind., 50
11470	—	"National Congress Radio," 12:15-12:55 PM.	WBIP, Bedford, Ind., 50
11480	LRO-3*	Esquel, Argentina. (P. et T.)	WBNC, New Castle, Ind., 50
11485	—	Tunis, Tunisia, 1 AM; 6:30 AM & 3 PM.	WBPD, Bloomington, Ind., 40
11485	EOU-2*	Tokyo, Japan. (Min. des Comm.)	WCIP, Crawfordsville, Ind., 50
11490	EAH*	Vallecas, Spain. (S. A. R. A.)	WDPS, Shelbyville, Ind., 50
11500	CMV-5*	Havana, Cuba. (Corp. Inalambric Cubano).	WEDX, Alexandria, Ind., 50
11505	OQK-4*	Kikwit, Congo, Africa. (Gov't station).	WMDZ, Indianapolis, Ind., 300
11515	PZX	Paramaribo, Surinam, 3-6 PM.	WMPI, Anderson, Ind., 100
11530	—	Douala, Camerouns, Africa, 6:45-7:15 AM and 2:15-3:15 PM.	WPDE, Louisville, Ky., 200
11535	SPD*	Warsaw, Poland. (Deutsche Post Osten). German controlled.	WPDH, Richmond, Ind., 100
11535	DZA*	Zeesen, Germany. (DRP), broadcasts at 1:30 AM.	WPDL, Lansing, Mich., 100
11538	IUC*	Addis Ababa, Ethiopia. Status in question.	WPFB, Grand Rapids, Mich., 1000
11540	LPM*	Bariloche, Argentine. (P. et T.)	WPES, Saginaw, Mich., 500
11540	XGR*	Shanghai, China. (C. G. R. A. Min. of Comm.)	WPFC, Muskegan, Mich., 300
11560	CMA-5*	Havana, Cuba, (Cuba Transat. Tel. Co.)	WPFE, Reading, Pa., 100
11560	CML-5*	Havana, Cuba, (Cuba Transat. Tel. Co.)	WPFJ, Jacksonville, Fla., 400
11580	LPM-3*	Bariloche, Argentine. (P. et T.)	WPFN, Palm Beach, Fla., 50
11580	TGS*	Guatemala, Guat. (Gov't of Guat.)	WPFY, Yonkers, N. Y., 400
11584	—	Columbia, Cuba. (Ejercito Constitutionale).	WPFZ, Miami, Fla., 1000
11590	—	"Finnish Freedom Station", not recently heard.	WPGL, Binghamton, N. Y., 400
11595	VRR-4*	Stony Hill, Jamaica. (Cable & Wireless, W. I. Ltd.)	WPGP, Muncie, Ind., 100
11600	—	"Rumanian Freedom Station," 1-1:10 AM; 1:45-1:55 PM & 4:15-4:25 PM.	WPHM, Orlando, Fla., 500
11600	PLN*	Bandoeng, Java, N. E. I. Not heard since Jap invasion.	WQFM, Wilkes-Barre, Pa., 100
11610	KZRH	Philippines. "New Voice of the Philippines," Jap controlled, 6 PM-4 AM & 4:30-9 AM.	WRJF, Columbus, Ind., 50
11623	COK	Havana, Cuba.	WRLM, Battle Creek, Mich., 50
11630	—	"Hungarian Nations Radio" Su. 6:15-6:30; 8:15-8:30; 10:15-10:30 PM.	WRLU, Miami, (Portable) Fla., 50
11640	KCI-3*	Los Angeles, Calif. (Press Wireless, Inc.)	WRMB, Travers City, Mich., 16
11640	WPJ*	Hicksville, N. Y. (Press Wireless, Inc.)	WRQF, Niles, Mich., 100
11650	COCX	Havana, Cuba, available frequency.	WSOJ, Grand Haven, Mich., 100
11650	XGOK	Canton, China, 5:30-9:35 AM.	WSTJ, St. Joseph, Mich., 500
11650	—	Ponta Delgada, Azores. Reported to be operating here at times.	WSVP, Noblesville, Ind., 50
11660	JVL*	Tokyo, Japan. (Min. des Comm.)	2450 KCS
11670	—	Leopoldville, Belgian Congo, 3:15-5:15; 11:45 PM-1:30 AM.	KACF, Chickasha, Okla., 100
11670	IQY	Rome, Italy.	KACL, Altus, Okla., 50
11670	IUJ*	Addis Ababa, Ethiopia. Occasionally heard.	KACP, Ponca City, Okla., 200
11675	DHK*	Podiebrad, Germany. (DRP).	KACR, Seminole, Okla., 150
11680	GRG	London, England, 1-5 AM; 10 AM-1:15 PM; 5:15 PM-12:45 AM.	KAPB, Cushing, Okla., 50
11680	KIO*	Kahuku, Hawaii. (RCA Communications, Inc.)	KAPD, Eldorado, Kans., 50
11685	HVJ	Vatican City, code operation, also used for broadcasting.	KAPE, Norman, Okla., 100
11690	—	London, England, BBC station.	KAPF, Okmulgee, Okla., 50
11695	XGRS	Shanghai, China, 6 PM to 10 AM.	KAPG, Iola, Kans., 50
11695	HP5A	Panama City, Panama. 9 AM-1 PM & 9:10 PM to 1 AM (Apartado 954).	KAPK, Enid, Okla., 150
11695	IQY	Rome, Italy.	KARD, Ardmore, Okla., 100
11700	CE-1170	Santiago, Chile, 8 to 11 PM. "Radio Otto Becker" (Casilla 706).	KGHN, Hutchinson, Kans., 100
11700	GVW	London, England. New BBC station.	KGHP, Lawton, Okla., 50
11705	CBFY	Montreal, P. Q., Canada, 7:30 AM to 11:30 PM, frequency shifts.	KGOP, Guthrie, Okla., 40
11705	CXA-19	Montevideo, Uruguay, 7-8 AM & 6 to 11 PM.	KGPH, Oklahoma City, Okla., 250
11705	SBP	Motala, Sweden, noon-2:15 PM; 5:20-5:40 PM & 9-10 PM to N. A.	KGPO, Tulsa, Okla., 100
11705	JLG-3	Tokyo, Japan, evenings.	KGPZ, Wichita, Kans., 400
			KGZF, Chanute, Kans., 25
			KGZP, Coffeyville, Kans., 75
			KNGK, Duncan, Okla., 100
			KNGM, Rapid City, S. D., 50
			KNGT, Muskogee, Okla., 50
			KNHC, Ada, Okla., 150
			KQAB, Elreno, Okla., 40
			KQEI, Tulsa, Okla., 250
			KQFL, Pawnee, Okla., 50
			KQFM, Bartlesville, Okla., 50
			KQUJ, Emporia, Kans., 40
			KRBK, Durant, Okla., 150
			KREJ, Hutchinson, Kans., 50
			KSWP, Stillwater, Okla., 150
			KVPB, Huron, S. D., 40
			KWCM, Shawnee, Okla., 100
			KWMP, Wewoka, Okla., 50
			WMPD, Waukeska, Wisc., 250
			WMVP, West Radford, Va., 100
			WPKD, Milwaukee, Wisc., 1000

11710	VLG-3	Melbourne, Australia, 1:55 to 5:30 AM, almost continuously.	WPFF, New York, N. Y., 400
11710	WLWO	Cincinnati, Ohio., on early AM.	WPEF, New York, N. Y., 400
11710	YSM	San Salvador, El Salvador.	WPEG, New York, N. Y., 500
11713	DXL	Berlin, Germany, irregularly.	WPEP, Kenosha, Wisc., 250
11715	PRL-8	Rio de Janeiro, Brazil, 9:15 AM 12:15 PM; 2:30-4:10 PM; 4:10-5:55 PM and 10 to 11 PM to N.A.	WPHF, Richmond, Va., 400
11715	PZX-3	Paramaribo, Surinam, 7:25 to 9:45 PM ex. Sat. & Sun. (J. E. Herrenberg, Chairman AVROS, Wagenweg Street 139).	WPHV, Bristol, Va., 50
11715	HSP-5	Bangkok, Thailand, 7 to 10:25 AM. Jap control.	WQFG, Roanoke, Va., 100
11715	HER-5	Berne, Switzerland, 2-5:45 PM & 7:30 to 9 PM ex. Sat.	WQFH, Lynchburg, Va., 50
11720	CKRX	Winnipeg, Canada, 1 to 5:45 PM. (Transcanada Communications, Ltd.)	WQFI, Petersburg, Va., 250
11720	————	Leopoldville, Belgian Congo. "Radio Congo Belge." 6:55 to 8 AM; 1:30 to 3 PM	WQRC, New York (Plane-NC-21148) N. Y., 11
11720	————	Lisbon, Portugal, 6 to 8 AM.	WQRD, New York (Plane-NC-21147) N. Y., 11
11720	PRE-8	Rio de Janeiro, Brazil.	WROM, Bristol, Va., 10
11720	————	Jerusalem, Palestine, until 5:45 PM. "British Mediterranean Station."	WSYC, Richmond, Va., 400
11721	ZPA-2	Ascuncion, Paraguay, 6 to 8 PM. (Teleco Paraguay S. A., Calle 14 de Mayo 211-215).	2458 KCS
11725	————	Berlin, Germany, to 6:30 AM; to 6:45 PM & 7 PM to midnight.	KACM, Big Spring, Tex., 300
11725	JVW-3	Tokyo, Japan, 4:30 PM to 4:30 AM & 4:50 to 9:30 AM.	KADR, Abilene, Tex., 70
11725	YVOR	Caracas, Venez. Under construction.	KAPJ, Sweetwater, Tex., 40
11730	WRUL	Boston, Mass., 6:15-7:15 PM & 11:30 PM to 2 AM, to West Indies.	KGZI, Wichita Falls, Tex., 500
11730	WRUW	Boston, Mass., 8 to 10 AM & 2:30 PM to 6 PM, to N. Africa & Europe.	KGZW, Lubbock, Tex., 250
11730	KGEI	San Francisco, Calif.	KNFB, Idaho Falls, Ida., 500
11730	WGEO	Schenectady, N. Y.	KNGW, Brownwood, Tex., 200
11730	WGEA	Schenectady, N. Y.	KPDE, Electra, Tex., 50
11730	GVV	London, England, 6 AM intermittently to 4:30 PM.	KQVL, Lubbock (Portable) Tex., 15
11730	EQE	Teheran, Iran.	KQZS, Nampa, Ida., 100
11730	LRA-3	Buenos Aires, Argentina.	KRBL, Pocatello, Ida., 100
11735	————	"Radio Metropole" Belgrade, Jugoslavia, 11:15-11:25 AM.	KRDZ, Twin Falls, Ida., 100
11735	XGSA	Hankow, China.	KRKO, Plainview, Tex., 50
11737	COCY	Havana, Cuba, 9 AM to 2:15 AM.	WAGR, Urbana, Ill., 40
11740	DXC-2	Berlin, Germany, almost continuous 6 AM to midnight.	WASB, Decatur, Ill., 100
11740	HVJ	Vatican City, Su., Th., 9:30-9:45 PM to N. A., Tu. 11-11:30 AM.	WDPW, Wilmington, N. C., 100
11740	————	Parao, Palau. Caroline Islands (Japanese), 4:30 PM to 9:30 AM.	WENB, Cleveland, Ohio, 500
11740	JLU-4	Tokyo, Japan, 5-7 AM approx., irregularly.	WIPC, Cairo, Ill., 50
11740	HP5Q	Panama City, Panama, call letters in question.	WMPJ, Clinton, Ill., 40
11743	CE-1174	Santiago, Chile. "Radio Hucke" Casilla 6009.	WPDG, Youngstown, Ohio, 500
11745	————	Rangoon, Burma, 2:15-4:10 AM; 9:15 AM-12:30 PM & 9:45-10:45 PM.	WPDO, Akron, Ohio, 250
11745	DJF	Zeesen, (Berlin), Germany.	WPDV, Charlotte, N. C., 500
11750	GSD	London, England, 1 to 5 AM; 9:45 AM-9:45 PM.	WPGD, Rockford, Ill., 100
11750	RRO*	Irkoutsik, U. S. S. R. "Radio Center" 11:30 AM-1:30 PM, to Europe.	WPHD, Steubenville, Ohio, 100
11755	PZX-3	"Free Netherlands Radio." (The Gov't. Press Service, Paramaribo, Netherlands Guiana).	WPWC, Rockford, Ill., 150
11760	2RO-15	Rome, Italy.	WQFZ, Ottawa, Ill., 500
11760	DXR	Berlin, Germany, 1:30-3:30 AM; 11:20 AM-5:30 PM.	WRBH, Cleveland, Ohio, 500
11760	VLR-8	Melbourne, Australia, 4:30 to 8 PM.	WBGQ, Danville, Ill., 50
11760	TGWA	Guatemala City, Guat.	WSKO, Belvidere, Ill., 100
11765	ZYB-8	Sao Paulo, Brazil, 8:55 AM to 12:35 PM & 4:55 to 10 PM. (P. O. Box 252).	WSKZ, Centralia, Ill., 50
11770	DJD	Berlin, Germany, 5:50 PM to mid., to the USA.	WSTU, Kankakee, Ill., 250
11770	ZTE	Durban, South Africa.	WSYT, Harrisburg, Ill., 50
11775	MTCY	Hsingking, Manchukuo, 1:30-3 AM to N. A.	2466 KCS
11775	OIX-3	Lahti, Finland, 9:15-9:40 AM to N. A.; 8:25-9:10 & 11:05-11:30 PM.	KAWP, Iowa City, Iowa, 100
11780	GUV	London, England, 1-3:30 AM & 3-3:15 PM.	KGOZ, Cedar Rapids, Iowa, 100
11780	————	"Radio Saigon," Saigon, Indo China, 4-11:30 AM; 11:45 PM-12:15 AM.	KGPD, San Francisco, Cal., 400
11780	HP5G	Panama City, Panama, 9:15-10 AM; 12:30-3:15 PM; 7:35-11:15 PM, (c-o George Williams, P. O. Box 34).	KGPI, Omaha, Neb., 400
11780	ZL-3	Wellington, New Zealand. Proposed.	KGPK, Sioux City, Iowa, 100
11782.5	DXG-2	Berlin, Germany, 6 to 8:15 AM.	KGPN, Davenport, Iowa, 500
11790	VUD-6	Delhi, India, 3:30-9:50 AM, intermittently and 9-10 PM.	KGZG, Des Moines, Iowa, 250
11790	————	Jugoslav undercover station, 3-3:15 PM & 7:15-7:30 PM.	KPDO, Ottumwa, Iowa, 250
11790	KGEI	San Francisco, Calif., 5 PM to 12:45 AM, to S. A.	KQAE, Mason City, Iowa, 100
11790	WRUL	Boston, Mass.	KQAR, Burlington, Iowa, 50
11790	WRUW	Boston, Mass.	KQDH, Amarillo, Tex., 500
11790	WRUS	Boston, Mass.	KQDT, Dubuque, Iowa, 50
11795	DJO	Berlin, Germany.	KQFW, Ames, Iowa, 50
11800	JZJ	Tokyo, Japan, 1:30-4 AM to N. A.; 7-10:45 PM to E. N. A.	KQJI, Oskaloosa, Iowa, 50
11800	CE-11800	Santiago, Chile. See 11975 keys.	KQZF, Fort Dodge, Iowa, 50
11800	ZTE	Durban, South Africa.	KRHL, Marshalltown, Iowa, 50
11800	GWH	London, England (new station).	KRIX, Clinton, Iowa, 100
11800	HI3X	Trujillo City, D. R., noon-2 PM; 6:30-10:15 PM.	WAKB, New London, Conn., 50
			WAKG, Clearwater, Fla., 250
			WMPW, Waterbury, Conn., 50
			WPDE, Flint, Mich., 150
			WPEC, Memphis, Tenn., 1000
			WPFT, Lakeland, Fla., 200
			WPFV, Pawtucket, R. I., 50
			WPFW, Bridgeport, Conn., 50
			WPGA, Bay City, Mich., 300
			WPGH, Port Huron, Mich., 300
			WPGK, Cranston, R. I., 50
			WPGX, Worcester, Mass., 100
			WPHA, Fitchburg, Mass., 50
			WPHN, Tampa, Fla., 100
			WPHP, Jackson, Mich., 50
			WQFA, New Haven, Conn., 100
			WQFC, Gainesville, Fla., 250
			WQRK, Ann Arbor, Mich., 150
			WRDR, Grosse Pointe, Mich., 350
			WSYV, Warwick, R. I., 50
			2474 KCS
			KGHG, Las Vegas, Nev., 50
			KGHM, Reno, Nev., 50
			KNFH, Garden City, Kans., 50
			KNGH, Dodge City, Kans., 50
			WAFU, Lima, Ohio, 200
			WAKI, Sandusky, Ohio, 100
			WAMH, Shelby, Ohio, 25
			WBIZ, Toledo, Ohio, 100
			WBQW, Philadelphia, Pa., 1000

11801 DJZ Berlin, Germany, 1:30-1:45 PM & 5:35 PM to 12:15 AM.
 11805 OZG Skamlebak, Norway.
 11810 COGF Matanzas, Cuba, 12:30-3 PM & 6:30-9 PM approx.
 11810 2RO-4 Rome, Italy, 7:45 PM to midnight to N. A.
 11800 EAQ Madrid, Spain. Status unknown.
 11815 JVZ Tokyo, Japan. See JVZ-2 on 11825.
 11820 GSN London, England, 1-3:30; 7-8:45; 11:30 AM-noon; 12:15-2:45 PM.
 11820 XEBR Hermosillo, Mexico, 4:15-6:15 PM & 9:15 PM-1 AM. A. P. Postal 68.
 11820 WNBI New York, N. Y.
 11820 HHK Port-au-Prince, Haiti. Under construction.
 11825 JVZ-2 Tokyo, Japan, 4:50-9:30 AM & 4:30 PM-4:30 AM.
 11830 WCRC New York, N. Y., 6 AM-5 PM to Europe & 5:30 PM-mid., to S. America.
 11830 WCBX New York, N. Y.
 11830 WCDA New York, N. Y.
 11830 VLW-3 Perth, Western Australia, 1:30 to 6:55 AM.
 11830 RW-96 Moscow, U. S. S. R. Call not used, 12-2 AM & 7-7:30; 9 AM-12:45 PM.
 11830 VUD-4 Delhi, India. See 9590 keys.
 11835 CXN-19 Montevideo, Uruguay.
 11840 CXN-14 Montevideo, Uruguay, 6-9 AM & 5 PM to mid.
 11840 DHE4A Prague, Bohemia, 6-7:45 AM & 6-10:15 PM to North America.
 11840 VLG-4 Melbourne, Australia, 6:15-7:45 AM.
 11840 DXW Zeesen, Germany.
 11840 LRY Hurlingham, Argentina.
 11845 ——— "Radio Nacional Francaise" Vichy, France, 1:45-6 PM.
 11847 WGEA Schenectady, N. Y., 6:15 AM to 5:15 PM, to Europe & 5:30 PM to 11:30 PM.
 11847 WKTM New York, N. Y.
 11848 ——— Shonan, Malaya, 6-7; 9-10 AM; 10:10 AM-12:10 PM.
 11850 VLW-3 Perth, Western Australia.
 11850 CE-1185 Santiago, Chile, 6 PM-mid. (Casilla 40-D)
 11850 HAD-3 Budapest, Hungary.
 11850 LLK Oslo, Norway. Under construction.
 11855 DJP Berlin, Germany, 4:45 AM to noon; 5:50 PM-12:45 AM.
 11855 ——— Moscow, U. S. S. R., operates very irregularly.
 11860 GSE London, England, 5:30-6; 8:15-8:45 AM; noon-12:15 PM; 3:30-5:15 PM.
 11860 XMHA Shanghai, China, 12-2; 5:30-6; 8-9:30 AM; 8-9:30 & 11-11:45 PM.
 11860 ——— Algiers, Algeria, 6-7:15 AM.
 11865 HER-5 Berne, Switzerland, 8:20-8:45 AM.
 11870 WNBI New York, N. Y., 8:30 PM to mid., to E. S. A.
 11870 WBOS Boston, Mass., 6:15 AM to 8 AM & 8:15 AM to 9:45 AM, to Europe.
 11870 VLI-2 Sydney, Australia, 2:55 AM to 3:25 AM.
 11870 KWID San Francisco, Calif.
 11870 VLQ-2 Sydney, Australia. Probably replaced by VLI-2.
 11870 VUD-3 Delhi, India.
 11870 OZG-3 Skamleback, Norway.
 11875 DHE4C Podiebrad, Bohemia.
 11875 ZPA-3 Asuncion, Paraguay, 5:55-10 PM. Relays ZP3.
 11875 DXB-2 Zeesen, Germany.
 11880 VLR-3 Melbourne, Australia, 9:15 PM-4:15 AM.
 11880 ——— "La Voz de la Canada" reported heard. No other information.
 11880 LRR Rosario, Argentina, testing, 1:20-2 AM.
 11880 VLG-5 Melbourne, Australia.
 11880 VLQ-7 Sydney, Australia.
 11880 ——— "Radio Center" Moscow, U. S. S. R.
 11885 DXL-7 Paris, France, 12:30-6:45; 10:30-11:15 AM; noon-2:45; 5:35 PM-12:15 AM.
 11885 ——— Paris, France. "Paris Mondial" 3:15 to 5 PM.
 11893 WRCA New York, N. Y., 5 AM-8:45 AM & 3 PM-4:45 PM to Europe.
 11893 WNBI New York, N. Y.
 11893 WKTM New York, N. Y.
 11900 DXF-2 Berlin, Germany, 3 AM to 11:20 AM.
 11900 CXN-10 Montevideo, Uruguay, 6 PM to 10:13 PM "Radio Electrica" (Mercedes 823, SODRE).
 11900 2RO13 Rome, Italy.
 11900 VLG-9 Melbourne, Australia, 10:15 to 10:45 AM.
 11900 TIJMP San Jose, Costa Rica. (Aptdo. 849).
 11900 DHE4D Podiebrad, Germany.
 11900 DXF-2 Zeesen, Germany.
 11905 DHL* Podiebrad, Germany. Commercial. (DRP).
 11905 HRX-6 La Lima, Honduras. (Tropical R. T. Co.)
 11905 HRM-2* Tela, Honduras. (Tela Railroad Co.)
 11915 XGOY Chungking, China, 12:30 PM.
 11925 ——— "Radio Metropole." Belgrade, Jugoslavia, 4-7; 9:15-11 AM; noon-2 PM.
 19930 GVX London, England, 6-10:30 AM; 11:30 AM-4:30 PM.
 11930 PPH* Sepetiba, Brazil.
 11940 2RO-22 Rome, Italy, 6:30 PM to mid. Daytime on 11950 keys.
 11948 ——— Moscow, U. S. S. R., 11 AM-4 PM; 7:30-11 PM.
 11950 KKQ* Bolinas, Calif. (RCA Communications, Inc.)

WJJI, Marion, Ohio, 200
 WKMP, Kenton, Ohio, 100
 WMPK, Fremont, Ohio, 200
 WPDP, Philadelphia, Pa., 500
 WPFO, Knoxville, Tenn., 500
 WPFQ, Swarthmore, Pa., 50
 WPFs, Ashville, N. C., 500
 WPGZ, Johnson City, Tenn., 100
 WPHY, Elizabethton, Tenn., 100
 WQFY, Mansfield, Ohio, 250
 WQTQ, Bucyrus, Ohio, 100
 WRDQ, Toledo, Ohio, 400
 WRQM, Galion, Ohio, 100
 WTOP, Tiffin, Ohio, 100
2482 KCYS
 KAME, Sedalia, Mo., 50
 KGZE, San Antonio, Tex., 500
 KQAJ, Joplin, Mo., 50
 KQDE, Columbia, Mo., 50
 KQRU, Hannibal, Mo., 50
 WPGT, New Castle, Pa., 50



Colorful shortwave card in four colors from Radio Martinique on the little French island.

WPHZ, Oil City, Pa., 50
 WQFF, Morressen, Pa., 50
 WQFU, Sharon, Pa., 50
2490 KCYS
 KACB, Okanogan, Wash., 50
 KACG, Portable Mobile, Wash., 50
 KACH, Glenoma, Wash., 10
 KACQ, Kalaloch, Wash., 10
 KACW, Portable-Mobile, Wash., 10
 KADI, Oceanside, Cal., 50
 KADQ, Brea Cal. 50
 KADU, Airplane NC-665-K, Wash., 10
 KASH, Portable-Mobile, Wash., 50
 KANV, Colville, Wash., 50
 KBIE, Airplane NC-14620, Wash., 50
 KBKK, Kelso, Wash., 250
 KBMP, Brawley, Cal., 50
 KBIW, Moquion, Wash., 200
 KGHA, Portable-Mobile, Wash., 10
 KGHB, Portable-Mobile, Wash., 10
 KGHC, Portable-Mobile, Wash., 10
 KGHD, Seattle, Wash., 160
 KGHE, Snoqualmie Pass, Wash., 160
 KGHQ, Chinook Pass, Wash., 6
 KGHR, Portable-Mobile, Wa 10
 KGHX, Santa Ana, Cal., 50
 KGZD, San Diego, Cal., 500
 KGZU, Lincoln, Neb., 200
 KNFC, Boat-Gov. Issac. I. Ste ens, Wash., 50
 KNFD, Boat-J. R. Rogers, Wash., 50
 KNFG, Olympia, Wash., 250
 KNPK, Bellingham, Wash., 160
 KNFL, Shuksan, Wash., 10
 KNFQ, Skykomish, Wash., 10
 KNFR, Portable-Mobile, Wash., 10
 KNFS, Chehalis, Wash., 50
 KNFT, Portable-Mobile, Wash., 10
 KNFU, Portable-Mobile, Wash., 10
 KNFV, Portable-Mobile, Wash., 10
 KNFW, Portable-Mobile, Wash., 10
 KNFX, Ellensburg, Wash., 50
 KNFY, North Ilwaco, Wash., 25

11950	2RO-22	Rome, Italy, 12:30-1 AM; 1:50-2:40; 6:40-9:45; 11:20 AM-2:40 PM.	KNFZ, Lodge Pole Camp, Wash., 10
11950	ZPA-5	Encarnacion, Paraguay, 6-9 AM & 4-11:05 PM.	KNGA, Golden Dale, Wash., 100
11955	GVY	London, England, New BBC, 6 AM to 3 PM. (European service).	KNGB, Yakima, Wash., 160
11960	HER-5	Berne, Switzerland, 4:50-5:45 PM, Sa. 12:30-2 PM.	KNGC, Vancouver, Wash., 160
11960	—	Tiflis, U. S. S. R. "Radio Center," 12:45-1:45 AM & 7:15-7:45 AM.	KNGD, Walla Walla, Wash., 75
11970	FZI	Brazzaville, Middle Congo, 2-2:20; 9:30-10:45 AM 2-5:35 & 11 PM to 12M.	KNGJ, El Centro, Cal., 100
11975	CE-1180	Santiago, Chile, 7:30-10 AM & 6 PM-mid.	KNGN, Norfolk, Neb., 25
11990	XIRS	Shanghai, China, 5:30-10:30 AM; 7:30-8:15 & 10:30-11 PM.	KNGQ, Wenatchee, Wash., 250
11995	—	Lisbon, Portugal, 7-9 AM.	KNGR, Spokane, Wash., 250
			KNGZ, Ephrata, Wash., 100
			KNHA, Boat-Gov. Eliza P. Ferry, Wash., 50
			KQAW, Portable, Wash., 5
			KQAX, Portable-Mobile, Wash.,
			KQAY, Portable-Mobile, Wash.,
			KQAZ, Portable-Mobile, Wash.,
			KQBN, Portable-Mobile, Wash.,
			KQCS, Colfax, Wash., 50
			KQCT, Portable-Mobile, Wash.,
			KQCZ, Portable-Mobile, Wash.,
			KQDY, Mason City, Wash., 100
			KQEK, Pasco, Wash., 100
			KQES, Republic, Wash., 10
			KQGF, K-M Hill, Wash., 10
			KQHN, Escondido, Cal., 50
			KQJC, Portable-Mobile, Wash.,
			KQJY, Tacoma, Wash., 250
			KQKE, Portable-Mobile, Wash.,
			KQKF, Portable-Mobile, Wash.,
			KQKR, Portable-Mobile, Wash.,
			KQKS, Portable-Mobile, Wash.,
			KQMA, Keller Ferry, Wash., 25
			KQOL, Portable-Mobile, Wash.,
			KQOM, Portable-Mobile, Wash.,
			KQON, Portable-Mobile, Wash.,
			KQOP, Portable-Mobile, Wash.,
			KQPO, Portable-Mobile, Wash.,
			KQRA, Portable-Mobile, Wash.,
			KQRB, Portable-Mobile, Wash.,
			KQRC, Portable-Mobile, Wash.,
			KQRD, Portable-Mobile, Wash.,
			KQRE, Portable-Mobile, Wash.,
			KQRF, Portable-Mobile, Wash.,
			KQRG, Portable-Mobile, Wash.,
			KQRH, Portable-Mobile, Wash.,
			KQRI, Portable-Mobile, Wash.,
			KQRJ, Portable-Mobile, Wash.,
			KQTA, Portable-Mobile, Wash.,
			KOTB, Portable-Mobile, Wash.,
			KQTC, Portable-Mobile, Wash.,
			KQTD, Portable-Mobile, Wash.,
			KQTE, Portable-Mobile, Wash.,
			KQTF, Portable-Mobile, Wash.,
			KQTG, Portable-Mobile, Wash.,
			KQTH, Portable-Mobile, Wash.,
			KQTI, Portable-Mobile, Wash.,
			KQTI, Portable-Mobile, Wash.,
			KQTK, Portable-Mobile, Wash.,
			KQTL, Portable-Mobile, Wash.,
			KQTM, Portable-Mobile, Wash.,
			KQTN, Portable-Mobile, Wash.,
			KQTO, Portable-Mobile, Wash.,
			KQTP, Portable-Mobile, Wash.,
			KQTP, Portable-Mobile, Wash.,
			KQTR, Portable-Mobile, Wash.,
			KQTS, Portable-Mobile, Wash.,
			KQTU, Portable-Mobile, Wash.,
			KQVA, Portable-Mobile, Wash.,
			KQVB, Portable-Mobile, Wash.,
			KQVC, Portable-Mobile, Wash.,
			KQVD, Portable-Mobile, Wash.,
			KQVE, Portable-Mobile, Wash.,
			KQVF, Portable-Mobile, Wash.,
			KQVG, Portable-Mobile, Wash.,
			KQVH, Portable-Mobile, Wash.,
			KQVI, Portable-Mobile, Wash.,
			KQVJ, Portable-Mobile, Wash.,
			KQVN, El Centro, Cal., 50
			KQVQ, Portable-Mobile, Wash.,
			KQVR, Portable-Mobile, Wash.,
			KQVS, Portable-Mobile, Wash.,
			KQVT, Portable-Mobile, Wash.,
			KQVU, Portable-Mobile, Wash.,
			KQVV, Portable-Mobile, Wash.,
			KQVW, Portable-Mobile, Wash.,
			KQVX, Portable-Mobile, Wash.,
			KQVY, Portable-Mobile, Wash.,
			KQVZ, Portable-Mobile, Wash.,
			KRAH, Portable-Mobile, Wash.,
			KRAI, Portable-Mobile, Wash.,
			KRAM, Portable-Mobile, Wash.,
			KRGS, Port Angeles, Wash., 100
			KRHN, Fort Lewis, Wash., 75
			KSPM, Portable-Mobile, Wash.,
			KSPN, Portable-Mobile, Wash.,
			KSPW, Portable-Mobile, Wash.,
12000	—	12000 KILOCYCLES BAND Shonan, Malaya (Singapore), 6-7; 9-10; 10:10 AM to 12:10 PM.	
12000	RNE	Moscow, U. S. S. R.	
12000	CXA-2	Montevideo, Uruguay.	
12000	—	"Radio Club" Brazzaville, M. Congo, 5-5:30 PM.	
12015	FZR-3*	Saigon, French Indo China. (Cie Gen. de T.S.F.)	
12020	JVK*	Tokyo, Japan. (Min. des Comm.)	
12030	HBO*	Geneva, Switzerland. "Radio Nations." (Radio-Suisse, S. A.)	
12035	DGL*	Nauen, Germany. (DRP).	
12040	GRV	London, England, 9:30-11:15; 11:30 AM-3 PM & 6:30-10:45 PM.	
12050	PDV*	Kootwijk, Holland. (Admin P. et T.) also on 12055 & 12060 keys.	
12050	VRR-5*	Stony Hill, Jamaica. (Cable & Wireless, W. I. Ltd.)	
12060	FFZ	Shanghai, China, 5:30-9:30 AM & 11 PM-2 AM.	
12080	PPH	Relays PSH at 7-7:45 PM.	
12080	PST*	Marapicu, Brazil. (Cia Radio Int. do Brazil).	
12085	OCZ-2*	Lima Valverde, Peru. (All America Cables, Inc.)	
12095	GRF	London, England, 5-10:30; 11:30 AM-2; 2:30-3:30 & 6:30-8:30 PM.	
12100	CJA*	Drummondville, P. Q., Canada. (Canadian Marconi Co.)	
12100	TIR-6*	Cartago, Costa Rica. (Cia R. I. Costa Rica).	
12100	YGA*	Amboina, Netherlands Indies. (P. T. T.)	
12105	JKI-3*	Kagoshima, Japan. (Min. des Comm.)	
12108	IFT*	Rome, Italy. (Societa Italcable).	
12110	CJN-5*	Drummondville, P. Q., Canada. (Canadian Marconi Co.)	
12115	ZNR	Aden, Arabia, 12:13 to 1:30 PM.	
12115	LHF*	Jeloy, Norway.	
12120	TPZ*	Algiers, Algeria. (Gov't. operated).	
12120	—	"Radio France" Algiers, Algeria. Probably uses TPZ transmitter facilities, 1-4; 6-8:30 AM; & noon-4:30; 4:45-5:20 PM.	
12130	DZE	Berlin, Germany, 6:30-8:30 AM.	
12130	CS2WB	Lisbon, Portugal.	
12140	GBS-2*	Rugby, England. (G. P. O., London).	
12145	JLV*	Tokyo, Japan. (Min. des Comm.)	
12150	GBS*	Rugby, England. (G. P. O., London).	
12170	—	Moscow, U. S. S. R., 7:30-10:15 PM.	
12175	TFJ*	Reykjavik, Iceland, occasionally broadcasts.	
12180	—	Moscow, U. S. S. R., broadcasts occasionally.	
12190	—	Moscow, U. S. S. R., 7:40-9:15 AM & 6:47-7:25 PM to North America.	
12190	LSN-3*	Hurlingham, Argentina. (C. I. R.)	
12200	COBC	Havana, Cuba, authorized.	
12220	LQE*	Monte Grande, Argentina. (T. I.)	
12235	TFJ*	Reykjavik, Iceland, Tu. 4:45 PM irreg. & 7-7:30 PM to USA networks. (Icelandic State Broadcasting Service, Box 547).	
12250	—	Moscow, U. S. S. R., occasionally on this frequency as "Radio Center."	
12260	—	Moscow, U. S. S. R., heard occasionally as "Radio Center."	
12270	—	Moscow, U. S. S. R., 11 AM to 4 PM, approx.	
12275	JVJ*	Tokyo, Japan. (Min. des Comm.)	
12275	FZT-3*	Tananrive, Madagascar. (Govt. station).	
12280	LRO-4*	Esquel, Argentina. (P. et T.)	
12280	GBU-2*	Rugby, England. (G. P. O., London).	
12290	LRA-4*	Buenos Aires, Argentina. (P. et T.)	
12290	LPR-7*	General Pachecho, Argentina. (P. et T.)	
12290	GBU*	Rugby, England. (G. P. O., London).	
12295	ZLT-5*	Wellington, New Zealand. (N. Z. Post & Tel. Dept.)	
12300	VOFB*	St. Johns, Newfoundland. (Canadian Marconi Co.)	
12350	ZUK*	Klipheval, South Africa. (O. C. of S. A.)	
12350	JSL*	Miji, Japan. (Min. des Comm.)	
12445	IAC*	Coltano, Italy. (Admin. P. et T.)	
12455	HCJB	Quito, Ecuador, 7:45-9:45 AM; 12:30 PM-3:45 & 6-11 PM. (Casilla 691).	
12455	IAC*	Coltano, Italy. (Admin. des P. et T.)	
12465	IAC*	Coltano, Italy. (Admin. des P. et T.)	
12470	OQH-4*	Bukama, Congo. (Govt. station).	
12470	OQJ-4*	Inongo, Congo. (Govt. station).	
12490	HIIN	Trujillo City, D. R.	

12510	XGD*	Shanghai, China. (C. G. R. A. Min of Comm.) Proposed station.
12550	DAF*	Norddeich, Germany. (DRP).
12565	OTO*	Leopoldville, Belgian Congo. (Govt. station).
12595	XFIG*	Hermosillo, Sonora, Mexico. (D. Gral de C. y Teleg.)
12620	JKO*	Kobe, Japan. (Min. des Comm.)
12620	XFBI*	Mexicali, Mexico. (D. Gral de C. y Teleg.)
12635	LPD*	General Pachecho, Argentina. (P. et T.)
12650	GBC*	Rugby, England. (G. P. O., London).
12660	CZA*	Drummondville, P. Q., Canada. (Canadian Marconi Co.)
12715	VIS*	Sydney, Australia. (A. W. A.)
12745	DAF*	Norddeich, Germany. (DRP).
12760	IAC*	Coltano, Italy. (Admin. des P. et T.)
12780	GBC*	Rugby, England. (G. P. O., London).
12795	IAC*	Coltano, Italy. (Admin. des P. et T.)
12800	OQQ-4*	Libenge, Congo. (Govt. station).
12810	KMI*	Dixon, Calif. (A. T. & T. Co.)
12830	CNR	Rabat, Morocco, 7-9; 11-11:30 AM; 11:30 AM to 1:30 PM.
12832	ZSC*	Clangkop, South Africa. (P. and T.)
12832	HJA-3*	Baranquilla, Colombia. (Cia Telefonica Central).
12840	WOY*	Lawrenceville, N. J. (A. T. & T. Co.)
12840	WOO-5*	Ocean Gate, N. J. (A. T. & T. Co.)
12845	HVJ*	Vatican City.
12860	OQQ-4*	Costermansville, Congo. (Govt. station).
12900	DAF*	Norddeich, Germany. (DRP).
12910	OQV-4*	Albertville, Congo. (Govt. station).
12940	GBC-2*	Rugby, England. (G. P. O., London).
12960	GBE*	Rugby, England. (G. P. O., London).
12967.5	WKRD	New York, N. Y., 6:15 AM-9:15 AM, to Europe; 12:45-3:30 PM to No. Africa & 5:15 PM-7:15 PM, to Europe.

13000 KILOCYCLES BAND

13000	TYC*	Paris, France. (Govt. station).
13060	HRL-3*	La Lima, Honduras. (Tropical R. T. Co.)
13060	HRE-3*	Tegulcigalpa, Hond. (Tropical R. T. Co.)
13070	CEC*	Santiago, Chile. (Cia I. R. Chile).
13070	CEP*	Santiago, Chile. (Cia de Telef. Chile).
13082	IAC*	Coltano, Italy. (Admin. des P. et T.)
13090	DGU*	Nauen, Germany. (DRP).
13100	DAF*	Nauen, Germany. (DRP).
13104.8	IRJ*	Rome, Italy. (Societa Italcable).
13140	CWH*	Cerrito, Uruguay. (Dir. Serv. Radiocom.)
13150	OQP-4*	Manono, Congo. (Govt. station).
13165	XDAO*	Chapultepec, D. F., Mexico. (D. Gral de C. y Teleg.)
13170	LOV-6*	Fuerte General Rocca Argentina. (P. et T.)
13180	DGG*	Nauen, Germany. (DRP).
13180	EKB*	Tokyo, Japan. (Min. des Comm.)
13180		Moscow, U. S. S. R., 7:30-10:15 PM.
13186	ZTN*	Durban, South Africa. (P. and T.)
13186	ZTF*	Cape Maitland, S. A. (P. and T.)
13200		Moscow, U. S. S. R., 7:30-10:15 PM.
13205	ONF*	Banana, Congo. (Govt. station).
13235	DLR*	Rehmate, Germany. (DRP).
13260	IRR*	Rome, Italy. (Societa Italcable).
13265	ZNU*	Bermuda. (Cable & Wireless, W. I., Ltd.)
13275	DAF*	Norddeich, Germany. (DRP).
13285	CZA*	Drummondville, P. Q., Canada. (Canadian Marconi Co.)
13300	LPL*	General Pachecho, Argentina. (P. et T.)
13320	GBC*	Rugby, England. (G. P. O., London).
13335		Dakar, Senegal, Africa.
13340	VLJ-2*	Sydney, Australia. (A. W. A.)
13340	VLU-2*	Sydney, Australia. (A. W. A.)
13340	VLZ-3*	Sydney, Australia. (A. W. A.)
13345	YVQ*	Maracay, Venez. (Etat).
13360	LSQ-2*	Hurlingham, Argentina. (C. I. R.)
13370	WOJ*	Hialeah, Florida. (A. T. & T. Co.)
13370	WOT-4*	Lawrenceville, N. J. (A. T. & T. Co.)
13380	ZTN*	Durban, South Africa. (P. and T.)
13380	ZTF*	Cape Maitland, S. A. (P. and T.)
13390	WMA*	Lawrenceville, N. J. (A. T. & T. Co.)
13400	WDI-7*	Ocean Gate, N. J. (A. T. & T. Co.)
13405	GBJ*	Rugby, England. (G. P. O., London).
13410	HI2I	Cuidad Trujillo, D. R. (Min. de la Guerre).
13415	GBL-2*	Rugby, England. (G. P. O., London).
13420	WHR*	Rocky Point, N. Y. (RCA Comm.)
13435	JCG-4*	Naha, Japan. (Min. des Comm.)
13435	WKD*	Rocky Point, N. Y. (RCA Communications, Inc.)
13450	WEX*	Rocky Point, N. Y. (RCA Comm.)
13450	WHL-6*	Hicksville, N. Y. (Press Wireless, Inc.)
13465	WKC*	Rocky Point, N. Y. (RCA Comm.)
13480	JGF-3*	Osaka, Japan. (Min. des Comm.)
13480	WAJ*	Rocky Point, N. Y. (RCA Comm.)
13505	HJA-2*	Bogota, Colombia. (Cia Telefonica Central).
13560	JVI*	Tokyo, Japan. (Min. des Comm.)
13570	VLN-7*	Sydney, Australia. (A. W. A.)
13585	GBB*	Rugby, England. (G. P. O., London).
13595	GBB-2*	Rugby, England. (G. P. O., London).
13635	SPW	Warsaw, Poland. Off since German occupation.

KSYG,	Portable-Mobile, Wash.,
KSYH,	Portable-Mobile, Wash.,
KSYI,	Portable-Mobile, Wash.,
KSYJ,	Portable-Mobile, Wash.,
KSYK,	Portable-Mobile, Wash.,
KSYL,	Portable-Mobile, Wash.,
KSYM,	Portable-Mobile, Wash.,
KSYN,	Portable-Mobile, Wash.,
KSYO,	Portable-Mobile, Wash.,
KSYP,	Portable-Mobile, Wash.,
KWSA,	Portable-Mobile, Wash.,
KWSB,	Portable-Mobile, Wash.,
KWSD,	Portable-Mobile, Wash.,
KWSE,	Raymond, Wash., 75
KWSE,	Davenport, Wash., 10
WABN,	Fort Washington, N. Y.
WAKA,	Huntington, Ind., 100
WAKK,	Frankfort, Ind., 100
WAMI,	Bluffton, Ind., 100
WAMJ,	Natchez, Miss., 300
WAMK,	Jackson, Miss., 250
WANG,	Nassau County Portable-Mobile, N. Y., 10
WASC,	Peru, Ind., 100
WAXT,	Auburn, Ind., 100
WBIE,	Wabash, Ind., 100
WBPI,	Nassau County, N. Y., 100
WBST,	Fort Wayne, Ind., 200
WBVH,	Elkhart, Ind., 50
WBWV,	Bluefield, W. Va., 50
WCHD,	Martinsburg, W. Va., 100
WLCP,	Laurel, Miss., 50
WMPG,	Greenville, Miss., 50
WMPL,	LaPorte, Ind., 100
WMPQ,	Logansport, Ind., 150
WMPV,	Valparaiso, Ind., 100
WPDT,	Kokomo, Ind., 250
WPDZ,	Fort Wayne, Ind., 200
WPFJ,	Clarksburg, W. Va., 30
WPGN,	South Bend, Ind., 100
WPGO,	Huntington, N. Y., 25
WPGS,	Mineola, N. Y., 500
WPHI,	Charleston, W. Va., 50
WPHJ,	Fairmont, W. Va., 100
WPHQ,	Parkersburg, W. Va., 50
WQFQ,	Lafayette, Ind., 200
WRAY,	Marion, Ind., 150
WRJG,	Glencove, N. Y., 50
WRMF,	Nassau County-Boat, N. Y., 25
WRNC,	Vicksburg, Miss., 50
WRND,	Port Jefferson, N. Y., 75
WRNE,	Patchogue, N. Y., 75
WSKP,	Mishawka, Ind., 50
WSRY,	Goshen, Ind., 100

The following police broadcasters have permission to use one or more of the following frequencies: 2804, 2808, 2812, 5135, 5140, 5195, 7480, 7805 and 7935 kes.

KACU,	Longview, Tex., 500
KGHD,	Seattle, Wash., 160
KGHE,	Snoqualmie Pass, Wash., 160
KGHP,	Lawton, Okla., 100
KGHX,	Santa Ana, Calif., 300
KGHZ,	Little Rock, Ark., 100
KGFB,	Minneapolis, Minn., 500
KGPC,	St. Louis, Mo., 500
KGPE,	Kansas City, Mo., 500
KGPH,	Oklahoma, City, Okla., 100
KGPI,	Beaumont, Tex., 500
KGPL,	Los Angeles, Cal., 500
KGPM,	Denver, Colo., 500
KGZC,	Topeka, Kas., 500
KGZI,	Wichita, Falls, Tex., 200
KHPA,	Lee Summit, Mo., 350
KHPB,	Macon, Mo., 150
KHPC,	Kirkwood, Mo., 200
KHPD,	Springfield, Mo., 350
KHPE,	Poplar Bluff, Mo., 500
KHPF,	Jefferson City, Mo., 500
KHTP,	Houston, Tex., 500
KIUK,	Portable, Mo., 150
KNFA,	Clovis, N. M., 100
KNFE,	Duluth, Minn., 500
KNFG,	Olympia, Wash., 250
KNFK,	Bellingham, Wash., 160
KNGB,	Yakima, Wash., 160
KNGC,	Vancouver, Wash., 160
KNGQ,	Wenatchee, Wash., 250
KNGR,	Spokane, Wash., 250
KNHF,	Denton, Tex., 200
KOHK,	Klamath Falls, Ore., 250
KOHL,	La Grande, Ore., 250
KOHM,	Portland, Ore., 500
KOHS,	Salem, Ore., 250

13635 DZF* Zeesen, Germany. (DRP).
 13650 HJY* Bogota, Colombia. (All America Cables, Inc.)
 13690 KKZ* Bolinas, Calif. (RCA Comm.)
 13695 DOY* Koenigs Wusterhausen, Germany. (DRP).
 13700 VIC* Cooktown, Australia. (A. W. A.)
 13720 KLL* Bolinas, Calif. (RCA Comm.)
 13755 LPL* General Pachecho, Argentine. (P. et T.), also on 13760 at times.
 13780 KKW* Bolinas, Calif. (RCA Comm.)
 13800 VLK-5* Sydney, Australia. (A. W. A.)
 13811 SUZ* Abou Zabaal, Egypt. (Marconi).
 13813 SUU* Abou Zabaal, Egypt. (Marconi).
 13820 SUZ* Abou Zaabal, Egypt. (Marconi), also may use 13827 & 13829 kcys.
 13840 KGT-8* Los Angeles, Calif. (Press Wireless, Inc.)
 13840 WPK* Hicksville, N. Y. (Press Wireless, Inc.)
 13840 WAJ* Rocky Point, N. Y. (RCA Comm.)
 13855 WQU* Rocky Point, N. Y. (RCA Comm.)
 13860 GRZ London, England. (BBC).
 13885 WQT* Rocky Point, N. Y. (RCA Comm.)
 13895 DLQ* Rehmate, Germany. (DRP).
 13900 WQP* Rocky Point, N. Y. (RCA Comm.)
 13915 WQS* Rocky Point, N. Y. (RCA Comm.)
 13925 DLJ* Rehmate, Germany. (DRP).
 13930 WIK* Rocky Point, N. Y. (RCA Comm.)
 13965 TFL* Reykjavik, Iceland. (Dir. Gen. des P. et T.)
 13990 GBA-2* Rugby, England. (G. P. O., London).

14000 KILOCYCLES BAND

14410 WFU* Nauen, Germany. (DRP).
 14425 JVX-3* Tokyo, Japan. (Min. des Comm.)
 14440 GBW* Rugby, England. (G. P. O., London).
 14445 LHG* Jeloy, Norway. (Dir. Gendes Telecomm.)
 14460 DZH* Zeesen, German. (DRP).
 14460 JIW* Taihoku, Japan. (Min. des Comm.)
 14460 _____ Lisbon, Portugal, heard at times, 8-10 AM.
 14470 WMF* Lawrenceville, N. J. (A. T. & T. Co.)
 14470 WDO* Ocean Gate, N. J., formerly used as Voice of America. (A. T. & T. Co.)
 14485 TGF* Guatemala City, Guat. (Tropical R. T. Co.)
 14485 HRL-5* La Lima, Honduras. (Tropical R. T. Co.)
 14485 HRA-5* Puerto Castilla, Hond. (Tropical R. T. Co.)
 14485 HRF* Tegucigalpa, Hond. (Tropical R. T. Co.)
 14485 YNA-7* Managua, Nicaragua. (Tropical R. T. Co.)
 14485 HPF* Panama City, Panama. (Tropical R. T. Co.)
 14485 HRM-5* Tela, Honduras. (Tela Railroad Co.)
 14510 WNC-2* Hialeah, Florida. (A. T. & T. Co.)
 14530 LSN* Hurlingham, Argentina. (C. I. R.)
 14538 HBJ* Geneva, Switzerland. "Radio Nations". (Radio-Suisse, S. A.)
 14550 COBZ* Havana, Cuba. Relay frequency available. Not heard or reported.
 14555 HVJ Vatican City, Th. 9-11 AM.
 14575 VWY-2* Kirkee, India. (I. R. & C. C., India.)
 14590 WMN* Lawrenceville, N. J. (A. T. & T. Co.)
 14600 JVH* Tokyo, Japan. (Min. des Comm.) Occasionally relays broadcasts.
 14605 DGZ* Nauen, Germany. (DRP).
 14615 WMA-5* Lawrenceville, N. J. (A. T. & T. Co.)
 14620 EDM* Pozuelo del Rey, Spain. (C. T. N. E.)
 14620 EDN* Pozuelo del Rey, Spain. (C. T. N. E.)
 14620 EDS* Pozuelo del Rey, Spain. (C. T. N. E.)
 14620 EHY* Pozuelo del Rey, Spain. (C. T. N. E.)
 14653 GBL* Rugby, England. (G. P. O., London).
 14665 DFD* Nauen, Germany. (DRP).
 14710 VLZ-5* Sydney, Australia. (A. W. A.)
 14736 IQA* Rome, Italy, to USA, 3:15-3:30 AM. (Soc. Ital-cable).
 14770 WEB* Rocky Point, N. Y. (RCA Comm.)
 14785 WDC* Rocky Point, N. Y. (RCA Comm.)
 14800 WQV* Rocky Point, N. Y. (RCA Comm.)
 14807.5 KQH-2* Kahuku, Hawaii. (RCA Comm.)
 14815 WQL* New Brunswick, N. J. (RCA Communications, Inc.)
 14845 WKU* Rocky Point, N. Y. (RCA Comm.)
 14910 OCJ* Lima, Peru. (All America Cables, Inc.)
 14920 JVG* Tokyo, Japan. (Min. des Comm.)
 14925 KQH* Kahuku, Hawaii. (RCA Comm.)
 14925 LLH* Jeloy, Norway. (Dir. Gen. des Telecomm.)
 14935 PSE* Rio de Janeiro, Brazil, occasionally broadcasts.
 14940 HIII* Trujillo City, Dominican Rep. (Cia Dom de Telefonos).
 14940 HJB* Bogota, Colombia. (Marconi's W. T. Co.)
 14950 DOZ* Koenigs Wusterhausen, Germany. (DRP).
 14970 LZA* Sofia, Bulgaria. Silent since German occupation.
 14970 HII-6* Trujillo City, D. R. (Cia Dom. de Telefonos).
 14985 EDS* Pozuelo del Rey, Spain. (C. T. N. E.)

15000 KILOCYCLES BAND

15000 WWV* Beltsville, Md. Standard frequency station.
 15032.5 KQY-4* Dixon, Calif. (A. T. & T. Co.)
 15040 WQG* Rocky Point, N. Y. (RCA Comm.)
 15045 2RO-21 Rome, Italy, 12:30-1; 2:40-3:30; 7-8:50; 11-11:30 AM & 12:10-3 PM.

KQBX, Portable-Mobile, Wash.,
 KQEI, Tulsa, Okla., 250
 WASE, Peoria, Ill., 500
 WAHO, Portable, Ind., 400
 WAHP, Portable, Ind., 400
 WAHQ, Portable, Ind., 400
 WAHR, Portable, Ind., 400
 WCK, Detroit, Mich., 500
 WENB, Cleveland, Ohio, 500
 WMDZ, Indianapolis, Ind., 500
 WMJ, Buffalo, N. Y., 500
 WMP, Framingham, Mass., 100
 WMPE, Elkhorn, Wis., 250
 WPDE, Louisville, Ky., 500
 WPDG, Youngstown, Ohio, 400
 WPDH, Richmond, Ind., 250
 WPDK, Milwaukee, Wis., 500
 WPDY, Atlanta, Ga., 150
 WPEB, Grand Rapids, Mich., 500
 WPEC, Memphis, Tenn., 500
 WPEK, New Orleans, La., 500
 WPEW, Northampton, Mass., 250
 WPMI, Columbus, Ga., 100
 WPGG, Findlay, Ohio, 300
 WPGQ, Columbus, Ohio, 500
 WPHC, Massillon, Ohio, 300
 WPHI, Indianapolis, Ind., 500
 WPHK, Wilmington, Ohio, 300
 WPHN, Tampa, Fla., 500
 WPHS, Chesterton, Ind., 400
 WPHT, Cambridge, Ohio, 300
 WPHU, Jasper, Ind., 400
 WPSP, Harrisburg, Pa., 500
 WPWV, South Charleston, W. Va., 500
 WQFE, Seymour, Ind., 400
 WQFW, Columbia City, Ind., 400
 WQGB, Putnamville, Ind., 400
 WQLJ, Racine, Wis., 120
 WQMG, Pontiac, Mich., 50
 WQPC, Chicago, Ill., 500
 WQPD, Du Quoin, Ill., 500
 WQPF, Effingham, Ill., 500
 WQPG, Sterling, Ill., 500
 WQPJ, French Village, Ill., 250
 WQPM, Macomb, Ill., 500
 WQPP, Pontiac, Ill., 500
 WQPS, Springfield, Ill., 500
 WQPN, Portable, Ill., 168
 WQPY, Portable, Ill., 168
 WQPZ, Portable-Mobile, Ill., 19
 WRDQ, Toledo, Ohio, 200
 WRDS, East Lansing, Mich., 500
 WRJI, Jackson, Miss., 350
 WRMP, Romney, W. Va., 500
 WROR, West LaFayette, Ind., 250
 WRSH, Portable-Mobile, Ind., 400
 WSPI, Portable-Mobile, Ind., 200

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Find your ideal thru this club and find happiness. Send 25c and a 3c stamp for names, addresses, descriptions, photos of lonely persons who wish to hear from you. Many wealthy. Year membership \$1.00.

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RADEX

Early Issues Wanted
 I'd like to hear from anyone having early issues of RADEX magazine. Need early issues from the first to and including the year 1930.

EVERETTE B. DERIGNE
 318 Allen St. Moberly, Mo.

15050	RKI	Moscow, U. S. S. R.
15955	WNC*	Hialeah, Florida. (A. T. & T. Co.)
15060	GWG	London, England. (New station).
15060	2RO-11	Rome, Italy.
15070	GWC	London, England, 1-5; 6-11; 11:15 AM-2:30 PM.
15075	DLK*	Rehmate. Germany. (DRP).
15080		"Deutscher Volkssender."
15090	EOU-3*	Tokyo, Japan. (Min. des Comm.)
15095	HVJ	Vatican City, Th., Fr., 10-11 AM; We., 8:30-8:40 AM in Span. & Port.
15100	2RO-12	Rome, Italy.
15100	EPB	Teheran, Iran. Mostly code. Sometimes use voice.
15105	JLG-4	Tokyo, Japan.
15110	DJL	Berlin, Germany, 7:40-8:15; 8:30-8:45; 11:20AM-5:30 PM.
15110		Komsomolsk, U. S. S. R., 5:15-5:40; 6:47-7:25; 9:15-9:40; 11:15-11:40 PM.
15115	JLR-2	Tokyo, Japan.
15120	HVJ	Vatican City, Su. 5:30-6 AM, mass & sermon; Tu. Th., Sa., noon-12:25 PM.
15120	DXH-2	Berlin, Germany, 6-11:30 AM.
15120	CSW-4	Lisbon, Portugal. (Emissora Nacional).
15120		"Radio Eirrean" Eire.
15130	DXL-6	Paris, France, 7-9:45 AM; 10:30-11:15 AM.
15130		"Paris Mondial." Paris, France, 11:45 AM-3 PM, formerly TPE-6 was the call.
15130	KGEI	San Francisco, Calif., 1:15-2:15 PM, to So. Amer.
15130	WRUL	Boston, Mass.
15130	WRUW	Boston, Mass.
15130	WRUS	Boston, Mass.
15135	JLU-3	Tokyo, Japan.
15140	GSF	London, England, 11:15 AM to 3 PM.
15140	HHX*	Port-au-Prince, Haiti. (West Indies Tel. Co.)
15145	HNH	Baghdad, Iraq. Very irregular. (Dir. Gen. P. T. Baghdad).
15150	WRCA	New York, N. Y., 5-11:30 PM, to Brazil.
15150	WNBI	New York, N. Y., 6 AM-4:15 PM, to Europe.
15150	COBZ	Havana, Cuba.
15155	SBT	Stockholm, Sweden, 11 AM-noon; 12-2:15 PM, odd days.
15160	JZK	Tokyo, Japan, 4:30-6:45 AM & 7-9:15 AM.
15160	VLG-7	Melbourne, Australia, 4:30-6:10 PM.
15160	DXS	Berlin, Germany.
15160	XEWW	Mexico City, Mexico. Apartado 2516.
15160	VUE-3	Delhi, India. Experimental portable transmitter. (All India Radio).
15162	CP-43	Tupiza, Boliva.
15165	PRE-9	Fortaleza, Brazil, 5 PM to 9 or 9:05 PM. (Caixa Postal No. 143).
15165	ZPA-6	Encarnacion, Paraguay.
15170	TGWA	Guatemala City, Guat., 1:45-2:55 PM & Su. 1:45 PM to 6:15 PM.
15170	OQ2AA	Leopoldville, Belgian Congo.
15170	2RO-5	Rome, Italy.
15170	LKV	Oslo, Norway.
15180	GSO	London, England, 8:15-9:15 AM & 12:45-1:45 PM.
15180	DJQ	Berlin, Germany.
15190	KROJ	Los Angeles, Calif., 4:15-5:45 PM to Australia & 6-7 PM to N. E. I.
15190	WKRX	New York, N. Y., 6-8 AM to No. Africa & 1-5 PM to Cent. Africa.
15190	WKRD	New York, N. Y., 9:30-10:15 AM to No. Africa.
15190	XGOX	Chungking, China, We. 8-9 PM.
15190	OIX-4	Lahti, Finland, 1-4; 6:15-6:45; 9:15-9:50 AM; 1-2:10; 3:45-11:50 PM int.
15190	2RO-10	Rome, Italy.
15190	PRF-5	Rio de Janeiro, Brazil.
15195	TAQ	Ankara, Turkey, 4:15 AM-noon, irregularly.
15200	DJB	Berlin, Germany, 7-9:46 AM to N. A.; 5:50-9:30 PM to N. A.
15210	WBOS	Boston, Mass., 10-11 AM to N. Europe; 11:15 AM-5:15 PM to Europe & 5:30 PM-mid., to E. So. America.
15210	KGEI	San Francisco, Calif.
15210		Moscow, U. S. S. R.
15220		"Azad Moslem Radio," 9:30-9:45 AM.
15220		"Voice of Free India," 10 AM-12:05 PM.
15220		"National Congress Radio," 12:15-12:45 PM.
15220	DXL-15	All 3 presumed to be from the same transmitter in Germany, probably the old PCJ-2.
15225	JLT-3	Eindhoven, Netherlands (Germany).
15230	VLG-3	Tokyo, Japan, 8-9:15 AM; 7-10:45 PM; 11 PM-1 AM and 4:15-6:15 AM.
15230		Melbourne, Australia, 12-12:30; 1:10-1:40 AM to W. N. A. & 9:45-11:45 PM.
15230	DXT	Berlin Germany, 7-9:15 AM to N. A.
15230		Komsomolsk, U. S. S. R., 7:40-8:19 AM; 10:15-10:30 AM; 5:15-11:40 PM int.
15230	2RO-14	Rome, Italy.
15235	CR7BD	Lourenco Marques, Mozambique, 1-4:30 PM; Su. 11 AM-3 PM.
15235	JVW-4	Tokyo, Japan.
15240		Vichy, France, 5:15 AM-1:20 PM, almost cont.
15240	XGSA	Hankow, China. Proposed.
15250	WLWO	Cincinnati, Ohio, 8:30-11 AM to Europe & 3:45-5:15 PM to Europe.

SW STATIONS ULTRA HIGH

17000 KCS Band

17800	WLWO	17845	
17800	OIX5	17845	JLS-2
17810	GSV	17845	DJH
17815	DJG	17850	HHK
17815	JIE-4	17850	DXL-19
17820	2RO-8	17860	WQC*
17820	COBZ	17860	RCB
17825	DXC	17870	GRP
17825	JVW-5	17880	WQI*
17830	WCBX	17880	RNB
17830	WCDA	17890	TFN*
17830	WCRC	17900	WLL*
17830	DXV	17915	CR7BI
17835	OTS	17920	WQF*
17835	JLP-3	17940	WQB*
17840		17950	VWY-2*
17840	VLQ-4	17980	KHE*
17840	HVJ	17980	KQZ*

18000 KCS Band

18000	KQG*	18610	SND*
18000	WEQ*	18610	GAU-2*
18020	KQJ*	18620	GAU*
18025	GRQ	18630	IRZ*
18040	KQR*	18650	SNB*
18065	PCV	18680	GAI*
18080	GVO	18700	DFQ*
18135	YDA	18730	YIK*
18180	CGA*	18755	WOT-5*
18190	JVB*	18760	LPI-5*
18200	GAW*	18800	XDR*
18210	GAW-2*	18840	HBH
18230	EAH*	18840	WDF-3*
18240	JVB*	18860	WKM*
18240	WDI-8*	18880	WQH*
18298	YVR*	18890	ZSS*
18300	VLN-3	18900	WDS*
18310	GAS*	18910	JVA*
18325	GAS-3*	18920	WQE*
18340	WLA*	18940	WTT*
18370	WMA-7*	18950	HTF*
18390	DLZ*	18960	WQD*
18560	WRM*	18970	GAQ*
18560	KJN-8*	18980	WFX*



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VICTORY RADIO CLUB

15 Ellsmere Street
Worcester 5, Mass.



15250	WLWK	Cincinnati, Ohio, 5:30 PM-mid. to E. So. America.
15260	GSI	London, England, 1:30 to 2:15 PM.
15265	EAQ	Madrid, Spain.
15270	WCBX	New York, N. Y., 7 AM-4:45 PM to Europe.
15270	WCDA	New York, N. Y., 7-11:30 PM to Mexico.
15270	WCRC	New York, N. Y.
15275	DXI-2	Zeesen, Germany.
15280	DJQ	Berlin, Germany, 1 AM-noon; 2-10 PM.
15280	JIE-3	Taihoku, Japan.
15280	ZL-4	Wellington, New Zealand. Proposed.
15290	WKLJ	New York, N. Y., 7:45 AM-4:15 PM to N. Africa.
15290	KWID	San Francisco, Calif., 1-2:45 AM to N. E. I. & Orient, also 5 PM-12:45 AM to So. America.
15290	VUD-3	Delhi, India. 12:30-4; 5:30-5:45; 6:30-8:15 AM & 11:30-11:35 PM.
15290	LRU	Buenos Aires, Argentina.
15300	2RO-6	Rome, Italy, 3-3:30; 7-8; 8:30-9:40 AM; 12:50-2:35; 3:30-6; 6:30-9:15 PM.
15300	CXA-18	Montevideo, Uruguay.
15300	HHK	Port-au-Prince, Haiti.
15300	HER-6	Berne, Switzerland, Tu., Sa. 4:45-6:10 AM; Sa. 11 AM-1 PM.
15310	GSP	London, England, 3:45-5; 5:30-6:45; 7 AM-5 PM.
15315	VLQ-3	Sydney, Australia.
15315	YVPX	Caracas, Venez. Under construction.
15320	VL1-3	Sydney, Australia, 1-1:30; 1:10-1:40 to W. N. A. & 6:15-7:45 AM.
15320	DXU	Berlin, Germany, 7-9:30 AM.
15320	WRUL	Boston, Mass.
15325	JLP-2	Tokyo, Japan, 9-10 AM.
15330	WGEA	Schenectady, N. Y.
15330	WGEO	Schenectady, N. Y., 6-8 AM; 8:15 AM-3 PM; & 3:15-5:15 PM to Europe.
15330	KGEI	San Francisco, Calif.
15340	DJR	Berlin, Germany, 1 AM-noon to S. & E. Asia.
15343	CXA-9	Montevideo, Uruguay.
15345	FGA	Dakar, Senegal, 8:15-9 AM & 3:15 to 5:15 or 5:45 PM.
15350	WRUL	Boston, Mass, 10 AM-noon to Europe; 12:05-6 PM to Europe & 7:30 to 11:15 PM to Cent. America.
15350	WRUW	Boston, Mass.
15350	KGEI	San Francisco, Calif.
15350	DXJ-2	Zeesen, Germany.
15350	KWID	San Francisco, Calif.
15355	KWU*	Dixon, Calif. Commercial used as a broadcast station 4:30-6:15 PM; 7:45-9:30 PM. We. off air Su 5 to 6 PM only.
15360	DZG	Berlin, Germany 12:20-2 PM irregularly.
15370	HAS-3	Budapest, Hungary
15380	VLN-6*	Sydney, Australia. (A.W.A.)
15385	HJA-9*	Barranca, Colombia (Cia Telefonica Central)
15385	HJA-3*	Barranquilla, Colombia (Cia Telefonica Central)
15385	HJA-2*	Bogota, Colombia (Cia Telefonica Central)
15385	HJA-4*	Cartagena, Colombia. (Cia Telefonica Central).
15385	HJA-6*	Medellin, Colombia. (Cia Telefonica Central).
15390	GRE	London, England.
15395	WMA-6*	Lawrenceville, N. J. (A. T. & T. Co.)
15410	JFY*	Taihoku, Japan. (Min. des Comm.)
15410	PZX-5	Paramaribo, Surinam.
15420	LRA-7	Buenos Aires, Argentina.
15420	GWD	London, England (new station)
15430	KWE*	Bolinas, Calif. (RCA Comm.)
15430	ZOY	Accra, Gold Coast, tests to Cairo 11-11:30 AM.
15435	GWE	London, England. 3:45-5 AM; 6-11:15 AM.
15435	DHS*	Podiebrad, Germany, (D.R.P.)
15450	GRD	London, England. 3:45-5; 6-11:15 AM; noon-12:30 PM & 1-1:15 PM.
15460	KKR*	Bolinas, Calif. (RCA Comm.)
15465	2RO-24	Rome, Italy, announce as on 15480 Kcys. 2:30-2:45; 3:15-3:30; 7:45-9:30; 10 AM-12:45 PM.
15475	KKL*	Bolinas, Calif. (RCA Comm.)
15490	KEM*	Bolinas, Calif. (RCA Comm.)
15505	CMA-5*	Havana, Cuba. Point-to-Point to U. S. A. Station sometimes broadcast.
15505	CML-5*	Havana, Cuba. same as CMA-5*
15510	JDX*	Darien, Japan. (Min. des Comm.)
15535	JGF-4*	Osaka, Japan. (Min. des Comm.)
15580	KGT-9*	Los Angeles, Calif. (Press Wireless, Inc.)
15580	WCB*	Hicksville, N. Y. (Press Wireless, Inc.) "Voice of America."
15595	DFR*	Nauen, Germany (D.R.P.)
15595		Brazzaville, Fr. Eq. Africa, 6:30-7:30 AM
15620	JVF*	Tokyo, Japan. (Min. des Comm.)
15660	JVE*	Tokyo, Japan. (Min. des Comm.)
15680	JZA*	Shinko, Japan. (Min des Comm.)
15680		?Argentina, 8 PM to midnight parallel with other Argentina stations.
15700	JZP*	Tokyo, Japan. (Min. des Comm.)
15740	JIA*	Taihoku, Japan. (Min. des Comm.)
15750		Moscow, U. S. S. R. 7:40-8:50 AM & 6:47-7:24 PM & 8-10 PM to N. A.
15760	WPE*	Rocky, Point, N. Y. (RCA Comm.)
15775	WSH*	Lawrenceville, N. J. (A. T. & T. Co.)

19000 KCS Band

19010	PSB*	19470	KJE-2*
19030	EDS*	19470	WDH*
19030	EDM*	19480	GAD*
19030	EHY*	19520	IRW
19040	JGF-5*	19530	EDS*
19080	KNY*	19590	2RO-17
19160	GAP*	19610	HVJ*
19190	KWY-3*	19610	HET-7*
19220	WKF*	19650	LSN-5*
19226	WDP*	19680	CEC*



Verification card (shortwave) from YSD in Salvador, Central America. The blue and white center stripes depict the flag of this little republic, while the tree in lower right corner bears the caption, "The Land Where the Best Coffee Grows."

19300	VLK-3*	19700	DFJ*
19300	VLN-3*	19780	VLK-8*
19330	IFV*	19820	WKN*
19380	WSI*	19850	KJE-3*
19400	LQD*	19850	WBE*
19420	VWY-2*	19900	LSF-4*
19430	OPW*	19930	XNC*
19535	EDS*	19947	DLO*
19443	DFV*	19965	PUU*
19460	DFM*	19995	PUM*

20000 KCS Band

20020	DFZ*	20540	LHJ*
20040	OPL	20570	EDS*
20055	FPI*	20570	EHX*
20085	IAC*	20595	OPN*
20130	PUJ*	20620	CEC*
20135	SUP*	20630	LHK*
20140	DGW*	20670	EHX*
20160	JVY*	20780	KMM*
20180	WQX*	20795	JVY-2*
20250	VLN-2*	20800	KJN-9*
20260	WQQ*	20800	WRP*
20380	GAA*	20820	KSS*
20400	VLK-7*	20860	EDM*
20430	IRK*	20860	EDS*
20450	LHI*	20860	EHY*
20500	DGQ*	20970	HDS*

21000 KCS Band

21020	LSN-6*	21440	GAQ-2*
21035	GAS-2*	21450	XGSA
21045	GAS-4*	21450	DHE7A
21060	KWN*	21450	DJS
21060	WKA*	21460	LKY
21060	WDI-2*	21460	WRUL
21100	VLN*	21470	GSH
21190	IAC*	21500	HHK
21220	WQA*	21500	LKZ
21240	WQJ*	21500	WGEA
21260	WBU*	21510	XGSB
21310	WMA-8*	21520	JZM
21310	WDI-5*	21520	WCRC
21420	WKK*	21520	HER-8

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15800 HRE-4* Tegulcigalpa, Honduras. (Tropical R. T. Co.)
 15810 LSL-3* Hurlingham, Argentina. (C. I. R.)
 15830 Dakar Fr. W. Africa, 6:30-7:30 AM.
 15835 HET-5* Schwarzenburg, Switzerland. (Admin. des P. et T.)
 15850 KJE* Los Angeles, Calif. (Press Wireless, Inc.)
 15850 WCW* Hicksville, N. Y. (Press Wireless, Inc.) "Voice of America."
 Tokyo, Japan. (Min. des Comm.)
 15860 JVD* Santiago, Chile (Cia I. R. Chile)
 15865 CEC* Santiago, Chile (Cia de Telef. de Chile)
 15865 CEP* Hicksville, N. Y. (Press Wireless, Inc.)
 15910 WRK* Los Angeles, Calif. (Press Wireless, Inc.)
 15910 KCI-6* Rocky Point, N. Y. (RCA Comm.)
 15970 WKO* New Brunswick, N. J. (RCA Comm.)
 15985 WAZ*

16000 KILOCYCLES BAND

16000 WKQ* Rocky, Point, N. Y. (RCA Comm.)
 16015 WQR* New Brunswick, N. J. (RCA Comm.)
 16022 AFHQ Algiers, Algeria. 7:45 to 9:30 A. M.
 16030 KKF* Kahuku, Hawaii. (RCA Comm.)
 16050 JVC Tokyo, Japan. (Min. des Comm.)
 16090 EDS* Pozuelo del Rey, Spain. (C. T. N. E.)
 16112 IRY* Rome, Italy. (Societa Italcable)
 16140 GBA* Rugby, England. (G. P. O., London)
 16210 CEC* Santiago, Chile. (Cia I. R. Chile)
 16210 CEP* Santiago, Chile (Cia de Telef. de Chile)
 16270 WLK* Lawrenceville, N. J. (A. T. & T. Co.)
 16270 WOG* Ocean Gate, N. J. (A. T. & T. Co.)
 16290 LOV-8* Fuerte General Rocca, Argentina. (P. et T.)
 16300 EDR-3* El Tablero, Spain. (C. T. N. E.)
 16300 EKZ* El Tablero, Spain. (C. T. N. E.)
 16330 VLJ* Sydney, Australia. (A. W. A.)
 16330 VLN-5* Sydney, Australia. (A. W. A.)
 16330 VLK-6* Sydney, Australia. (A. W. A.)
 16330 VLU* Sydney, Australia. (A. W. A.)
 16330 VLZ-6* Sydney, Australia. (A. W. A.)
 16330 EHZ* El Tablero, Spain. (C. T. N. E.)
 16665 LPD* General Pacheco, Argentina. (P. et T.)
 16735 DAF* Norddeich, Germany (D. R. P.)
 16910 JZD* Tokyo, Japan. (Min. des Comm.)
 16965 DAF* Norddeich, Germany (D. R. P.)

17000 KILOCYCLES BAND

17000 DAF* Norddeich, Germany (D. R. P.)
 17000 ZUK* Klipheuvcl, South Africa. (O. C. of S. A.)
 17080 GBC* Rugby, England. (G. P. O., LONDON).
 17090 KMI* Dixon, Calif. (A. T. & T. Co.)
 17100 DAF* Norddeich, Germany (D. R. P.)
 17120 WOY* Lawrenceville, N. J. (A. T. & T. Co.)
 17120 WOO* Ocean Gate, N. J. (A. T. & T. Co.)
 17170 KUN* Bolinas Calif. (RCA Comm.)
 17260 CMA-5* Havana, Cuba. (Cuba Transatlantic Radio Corp.)
 17260 CML-5* Havana, Cuba. (Cuba Transatlantic Radio Corp.)
 17310 CZA* Drummondville, P. Q. Canada. (Canadian Mar-Coni Corp.)
 17395 DGR* Nauen, Germany (D. R. P.)
 17435 DLL* Rehmate, Germany (D. R. P.)
 17445 HVJ* Vatican City. 9 to 10 AM Tu to 11:45 A. M.
 17520 DFB* Nauen, Germany (D. R. P.)
 17555 IAC* Coltano, Italy (Admin. P. et T.)
 17600 GBC* Rugby, England. (G. P. O., London)
 17630 VLJ-3* Sydney, Australia. (A. W. A.)
 17630 VLU-4* Sydney, Australia. (A. W. A.)
 17635 DLM* Rehmate, Germany (D. R. P.)
 17640 VLN-4* Sydney, Australia. (A. W. A.)
 17670 DLN* Rehmate, Germany (D. R. P.)
 17700 GVP London, England, (New station)
 17715 GRA London, England 5 to 10:30 AM.
 17720 R. C. B. Leopoldville, Belgian Congo. 6:45-8 AM & 1:45-3 PM.
 17720 LRA-5 Buenos Aires, Argentina. Fridays 4:50-5:30 PM.
 17730 GVQ London, England (New station)
 17750 2RO-20 Rome, Italy.
 17750 WRUL Boston, Mass.
 17750 WRUW Boston, Mass. 10:15 AM-noon to N. Africa; 12:05 PM-2:15 PM to Europe & 7:30 PM to 10:45 PM to Cent. America.
 17760 WKRD New York, N. Y. 10:30-11:15 AM to S. Africa; 11:30 AM-12:30 PM to Central Africa & 3:45 to 5 PM to No. Africa.
 17760 WKRX New York, N. Y.
 17760 DJE Berlin, Germany 3-7; 7:15-10:30 AM.
 17775 Leopoldville, Belgian Congo. 6:15-8 AM & 12:30-1:15 PM.
 17780 WRCA New York, N. Y. 9 AM to 2:45 PM to Europe.
 17780 WNBI New York, N. Y. 6:15-8:15 PM to East South America.
 17780 WBOS Boston, Mass.
 17785 JZL Tokyo, Japan. 4:15-6:15 AM.
 17785 HER-7 Schwarzenburg, Berne, Switzerland.
 17785 PRF-5 Rio de Janeiro, Brazil.
 17790 GSG London, England. 5:45-7:15; 11:30-11:45 AM & 12:45-1:45 PM.

21530 GSJ 21630 WRCA
 21540 VLR-5 21640 DJK
 21540 WBOS 21640 GRZ
 21550 XGBA 21650 WLWO
 21550 OIX-6 21660 DXD
 21550 GST 21670 DXK
 21560 JLP-4 21680 TGWA
 21565 DJJ 21690 DXF
 21570 WCRC 21720 DXE
 21570 WCBX 21730 DXL
 21590 WGEA 21740 COCW
 21610 JLT-4 21740 DXN
 21610 KWID 21785 DAF*
 21620 JLS-3 21940 DAF*
 21630 WNBI 21970 DAF*

22000 KCS Band

22260 DAF* 22780 KCI-9*
 22320 CEC* 22780 WBH*
 22460 EDS* 22800 DGS*
 22490 ZSS* 22820 CEC*

23000 KCS Band

23400 DGT* 23450 WBK*
 23450 KJE-4*

24000 and Higher

24300 DGV* 25750 GSQ
 25000 DAF* 25850 DJT
 25000 WVV* 25950 DJU
 25025 W8XUJ 25950 W8XNU
 25050 W2XWE26070 TGWA
 25100 W9XZY 26100 GSK
 25200 W8XUM 26400 GSR
 25640 HER-9 26450 DJV

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High Frequency POLICE CALLS (Partial List)

30580 KCS

KBJA, Cowlitz, Portable-Mobile, Wash., 15
 KGPS, Bakersfield Portable-Mobile, Cal., 20
 KNHG, Prescott Portable-Mobile, Ariz., 15
 KQBA, Pierce Portable-Mobile, Wash., 15
 KQHJ, Indio Portable-Mobile, Cal., 10
 KQHV, San Jacinto Portable-Mobile, Cal., 10
 KQIR, Santa Barbara Portable-Mobile, Cal., 20
 KQJE, Riverside Portable-Mobile, Cal., 10
 KQJH, Beaumont Portable-Mobile, Cal., 10
 KQKC, Colfax Portable-Mobile, Wash., 15
 KQLY, Banning Portable-Mobile, Cal., 10
 KQVP, Pullman Portable-Mobile, Wash., 15
 WAJT, Belleair Portable-Mobile, Fla., 15
 WGLI, Glenview Portable-Mobile, Ill., 15
 WQMJ, Asheville Portable-Mobile, N. C., 10
 WQML, Waukesha Portable-Mobile, Wis., 5
 WQOL, Clearwater Portable-Mobile, Fla., 17
 WQRJ, Lake Geneva Portable-Mobile, Wis., 15
 WQSV, Winchester Portable-Mobile, Mass., 5
 WRJM, Monroe Portable-Mobile, Wis., 8
 WRMW, West Lafayette Portable-Mobile, Ind., 15
 WRNP, Maple Bluff Portable-Mobile, Wis., 15
 WRSQ, Portable-Mobile, Pa., 15
 WSKG, Allen Portable-Mobile, Ind., 15
 WSKI, Goshen Portable-Mobile, Ind., 15
 WSKP, Mishawaka Portable-Mobile, Ind., 15
 WSLD, Orlando Portable-Mobile, Fla., 15
 WSLH, Cass Portable-Mobile, Ind., 15
 WSQM, St. Joseph Portable-Mobile, Ind., 15
 WSTC, Winter Park Portable-Mobile, Fla., 15
 WSTL, Shelby Portable-Mobile, Ind., 20
 WSVO, Benton Harbor Portable-Mobile, Mich., 15
 WSVY, Madison Portable-Mobile, Wis., 20
 WSWE, Superior Portable-Mobile, Wis., 15
 WSWH, Monona Portable-Mobile, Wis., 20
 WTNR, Dane Portable-Mobile, Wis., 15

30700 KCS.

KQBR, Alameda, Cal., 500
 KQBT, Pittsburg, Cal., 100
 WADB, Virginia Beach, Va., 50
 WBRA, Bradford, Pa., 50
 WIGV, Waynesboro, Va., 25
 WMKY, Madisonville, Ky., 100
 WQIE, Newark, N. J., 500
 WQKB, Evansville, Ind., 500
 WQMV, Olean, N. Y., 25
 WQNJ, Phoenixville, Pa., 25
 WQSR, Alton, Ill., 25
 WQTT, Henderson, Ky., 50
 WQYK, Hammond, Ind., 100
 WRBO, Philadelphia, Pa., 100
 WRCV, Poughkeepsie, N. Y., 100
 WRGJ, Louisville, Ky., 250

WRGW, Hammond, Ind., 100
 WRNM, Bowling Green, Ky., 50
 WRNU, Dedham, Mass., 25
 WRPE, Hopkinsville, Ky., 20
 WRPJ, Owensboro, Ky., 50
 WSAH, Auburn, Me., 25
 WSLJ, Marquette, Mich., 20
 WSPC, Portable-Mobile, Ind., 20

30980 KCS.

KQJR, Multnomah Portable-Mobile, Ore., 15
 WFMP, Fairhaven Portable-Mobile, Mass., 15
 WRQC, Plane NC-21148, N. Y., 11
 WRQD, Plant NC-21147, N. Y., 11
 WSLF, Macklenburg Portable-Mobile, N. C., 10

31100 KCS.

KQBS, Cape Girardeau, Mo., 50
 WABM, Asbury Park, N. J., 250
 WAJQ, Linden, N. J., 50
 WAVA, Alexandria, Va., 100
 WHMD, Hagerstown, Md., 25
 WQIM, New City, N. Y., 10
 WQJF, Chicago, Ill., 100
 WQJK, Viola, N. Y., 300
 WQMG, Pontiac, Mich., 300
 WQOG, Bloomfield Hills, Mich., 25
 WQOR, Brookline, Pa., 15
 WQRY, Edwardsville, Ill., 100
 WQRZ, Oakland Portable-Mobile, Mich., 20
 WQTK, Haverstraw, N. Y., 25
 WQYC, Granite City, Ill., 15
 WRGM, Nyack, N. Y., 10
 WRHB, Stoneham, Mass., 15
 WRHE, Piermont, N. Y., 30
 WRHW, Kingston, Pa., 15
 WRSO, Somerville, N. J., 25
 WSKA, Bridgeton, N. J., 15
 WSQO, Clifton, N. J., 100

31500 KCS.

KQAA, Mankato, Minn., 100
 KQAH, Alhambra, Cal., 100
 KQAT, Denison, Tex., 50
 KQBL, San Gabriel, Cal., 50
 KQBM, Lawrence, Kas., 50
 KQCE, Tyler, Tex., 200
 KQDG, Santa Rosa, Cal., 20
 KQEO, Chico, Cal., 15
 KQEQ, Kelso, Wash., 30
 KQFY, St. Cloud, Minn., 15
 KQSP, Mitchell, S. D., 20
 KQNR, Yankton, S. D., 20
 WBDO, Floral Park, N. Y., 25
 WEAG, Sarasota, Fla., 50
 WJHS, Ferndale, Md., 250
 WYWP, Lake Worth, Fla., 50
 WPFT, Lakeland, Fla., 250
 WQIB, Champaign, Ill., 50
 WQIF, Holyoke, Mass., 50
 WQJI, West Hartford, Conn., 15
 WQJO, Teaneck, N. J., 20
 WQKC, New Rochelle, N. Y., 50
 WQKG, Plainfield, N. J., 25
 WQKV, Alpena, Mich., 25
 WQLJ, Racine, Wis., 100
 WQLK, Lake Forest, Ill., 100
 WQLL, Lincoln Park, Mich., 25
 WQLQ, Manchester, N. J., 50
 WQLY, Raleigh, N. C., 25
 WQNS, Ithaca, N. Y., 25
 WQNU, Wilson, N. C., 15
 WQOL, Ottawa Hills, Ohio
 WQOU, Geneva, N. Y., 50
 WQRD, Clairton, Pa., 25
 WQSP, High Point, N. C., 25
 WQNJ, Springfield, Ill., 50
 WQNO, Juneau, Wis., 100
 WQNZ, Chicago Heights, Ill., 15
 WQYG, Rahway, N. J., 5
 WQYZ, Fenwood Portable-Mobile, N. J., 12

WRAJ, Jefferson, Wis., 100
 WRBA, Milton, Mass., 35
 WRBU, Whitewater Portable-Mobile, Wis., 15
 WRCG, Salem, Mass., 50
 WRGK, Kenosha Portable-Mobile, Wis., 15
 WRGL, Marietta, Ohio, 25
 WRHX, Watertown, Wis., 25
 WRIT, Janesville, Wis., 100
 WRJT, Dartmouth, Mass., 25
 WRLP, Fort Atkinson, Wisc., 25
 WRNG, Stevens Ponti, Wisc., 15
 WRNI, Beloit, Wisc., 25

WRNJ, Amherst, N. Y., 25
 WRNP, Racine Portable-Mobile, Wisc., 12
 WRNQ, Janesville Portable-Mobile, Wisc., 15
 WRNS, Elyria, Ohio, 50
 WRPF, Wilmington, Del., 50
 WRPG, Maysville, Ky., 20
 WRSJ, Jackson, Tenn., 25
 WSGO, Sidney, Ohio, 25
 WSKH, Allen Park Portable-Mobile, Mich., 25
 WSLC, Wayne, N. J., 50
 WSLG, Sparta, N. J., 15
 WSOR, Portage, Wisc., 250
 WSTF, La Crosse, Wisc., 250
 WSTG, Beaver Dam, Wisc., 20
 WSTH, Princeton, W. Va., 20
 WSTN, Doylestown, Pa., 25
 WSTZ, Polk Portable-Mobile, Fla., 15
 WSVF, Michigan City, Ind., 50
 WWPB, Wilmington, Del., 100

31780 KCS.

KACU, Gregg Portable-Mobile, Tex., 20
 KQWD, South Sioux City Portable-Mobile, Iowa, 15
 KQNC, Atherton Portable-Mobile, Cal., 10
 WAME, East Baton Rouge Portable-Mobile, La., 15
 WANE, Nether Providence Portable-Mobile, Pa., 15
 WBAV, Montgomery Portable-Mobile, Ohio, 15
 WRNH, Saginaw Portable-Mobile, Mich., 15
 WSPV, St. Clair Portable-Mobile, Mich., 15
 WSRT, Springfield Portable-Mobile, Pa., 15

31900 KCS.

KQBV, Belvedere, Cal., 500
 KQCD, St. Charles, Mo., 25
 KQDD, Los Angeles Portable, Cal., 50
 WHAV, Haverhill, Mass., 25
 WIRO, Galesville, Md., 250
 WHRP, Eastport, Md., 12
 WQJR, Norman, Ill., 15
 WQKU, Rye, N. Y., 25
 WQRI, Bloomington, Ill., 50
 WQRS, Jersey City, N. J., 100
 WQYJ, Plymouth, Mass., 30
 WRLV, Woodbury, N. J., 25
 WRMJ, Jersey City Portable, N. J., 15
 WSCI, Maine, Ill., 250
 WSKD, Homewood, Ill., 100
 WSKE, Bedford Park, Ill., 100
 WSRN, Middletown, N. Y., 25

33100 KCS.

KAPK, Enid, Okla., 15
 KBTY, Sioux Falls, S. D., 100
 KPFQ, Portland, Ore., 500
 KQAN, Fort Worth, Tex., 375
 KQAO, Long Beach, Cal., 100
 KQAO, Compton, Cal., 50
 KQAV, Grand Island, Neb., 25
 KQBD, Boise, Ida., 15
 KQBF, National City, Cal., 50
 KQBH, Kansas City, Kans., 500
 KQBO, Springfield, Mo., 50
 KQBP, San Anselmo, Cal., 500
 KQBW, St. Joseph, Mo., 50
 KQCM, Burlingame, Cal., 50
 KQCP, Piedmont, Cal., 500
 KQCR, Stockton, Cal., 30
 KQCN, Pueblo, Colo., 25
 KQDV, Piedmont Portable, Cal.,
 KQEJ, Portland Portable, Ore.,
 KQFL, Carmex By the Sea, Cal.,
 KQGN, Seal Beach Portable-Mobile, Cal., 15
 KQST, Long Beach Portable, Cal.,
 KQNI, Long Beach Portable, Cal.,
 WDMP, Durham, N. C., 100
 WENB, Cleveland, Ohio, 250
 WQIA, Lewickley Heights, Pa.,
 WQIC, McKeesport, Pa., 100
 WQIG, Gadsden, Ala., 15
 WQIY, Atlantic City, N. J., 50
 WQIZ, Trenton, N. J., 100
 WQJD, Tuckahoe, N. Y., 10
 WQJM, Hamilton Portable-Mobile, N. J., 15

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517 Brighton Road

Wilmington, Del.

North Hills

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VICTORY RADIO CLUB

15 Ellsmere St.

Worcester 5, Mass.

AFTER MIDNIGHT SHOWS

For those who listen during the midnight-to-dawn hours, we present a schedule of the programs offered by the all-night stations. (All time is E. W. T.)

Kes. Station Location Programs
560 \$WQAM, Miami. Recordings & transcriptions of variety nature.

570 *KMTR, Los Angeles. Recordings and transcriptions, Johnny Love, m. c. "When Day Is Done." 3-4 AM.

580 *WDBO, Orlando. Popular & classical music, transcribed.

610 \$WIOD, Miami. Recorded musical programs.

620 *WSUN, St. Petersburg. Dance music & script shows.

630 *KNOX, St. Louis. Popular recordings, Jerry Burns, m. c. "Hour of Beautiful Music." 5-6 AM.

640 *KFI, Los Angeles. Variety of recordings & transcriptions, Phil McHugh, m. c.

710 **WOR, New York. "Moonlight Saving Time," Steve Ellis, m. c.

760 *WJR, Detroit. CBS prgms. till 3; rebroadcasts of day and evening features.

770 *WJZ, New York. "Say It with Music," all-musical show produced by Kent & Johnson.

810 *KGO, San Francisco. "All-Night Session." Gene Norman, m. c.

880 *WABC, New York. Light classical & popular music. Starlight Symphony at 3:05 AM. Gregory Abbott & Oscar Rose, m. c.'s

930 KHJ, Los Angeles. "Swing to Victory," Andy Sijakovich, m. c.

970 *KOIN, Portland. Transcribed music (no records), Ivan Jones, m. c.

970 *WAAT, Jersey City. Popular recordings, Jerry Roberts, m. c.

1070 *KNN, Los Angeles. Variety live programs, recordings and news.

1090 *WBAL, Baltimore. "All Night Star Parade." Jones and Halloran.

1110 WBT, Charlotte. "Midnight Dancing Party." (Till 3 AM only).

1120 *KMOX, St. Louis. "Victory Patrol," Al Bland, m. c.

1260 WOL, Washington. "Dawn Patrol," Frank Young, m. c.

1310 KLS, Oakland. "Music Til Dawn," Jim Earle, m. c.

1340 WENL, Royal Oak. Popular recordings.

1490 WJBK, Detroit. Recordings, Robert Hopkins, m. c.

1490 *WWSW, Pittsburgh. Recordings, Otto Kreun, m. c.

*—News every hour.

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