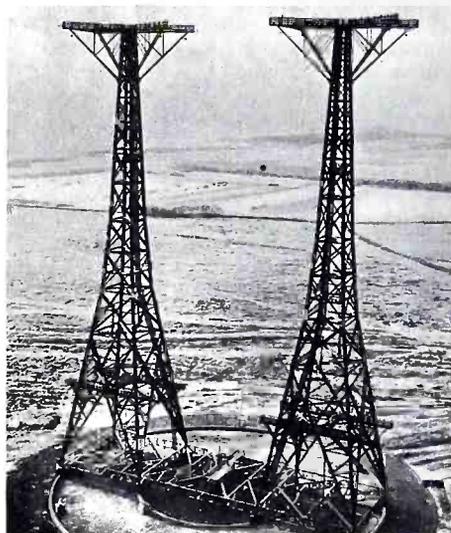


# THE GLOBE CIRCLER AND AMA-TOURING

COMPLETE GUIDE-BOOK FOR SHORT-WAVE LISTENERS



Ron Baker, of London, formerly General European Representative of the I. D. A., now held in a Nazi Concentration Camp.



The famous rotating aerial masts of what was formerly PCJ — "The Goodwill Station," Huizen, Holland, now used for Nazi propaganda-casts.



**INSIDE** Notes on 143 short-wave broadcast stations in 55 countries . . . a list of FM (Frequency Modulation) stations now licensed for commercial broadcasting. . . . A complete list of the short-wave broadcast stations of the world with detailed operating schedules for each.

## INTERNATIONAL DX'ERS ALLIANCE

PUBLISHED MONTHLY  
EXCEPTING JULY



CHARLES A. MORRISON  
EDITOR

INTERNATIONAL DX'ERS ALLIANCE  
BLOOMINGTON, ILLINOIS, U. S. A.

Volume 8

December, 1940

Number 11

### SENSATIONAL CHRISTMAS OFFER

Subscriptions to the GLOBE CIRCLER make splendid Christmas gifts. You can afford to give several at our sensational Christmas offer of \$1.00 each. This offer positively expires January 1., 1941, so write to us today using the gift blank on Page 6 (the above offer is limited to new members)...Now if you do not have any particular radio friends but just are bubbling over with Christmas spirit why not slip a dollar bill or so into an envelope and just say "to help out a bit on IDA expenses." It would sure help to make our Christmas a happy one...If you are going to buy a receiver, won't you let us handle the order-if it is an RME, or a Hallicrafters.- P.S. One thing you can contribute freely is reception and station notes. We appreciate them.

-And now may I thank each of you for your support and wish you a VERY MERRY CHRISTMAS.-- Charles.

.....  
**WANTED:** A Publicity Mgr. and a DX Programs Mgr. Who is willing to help out on these important jobs?

### NEW MEMBERS AND RENEWALS

**NEW:** B.E.Lucas, Allenspark, Colorado (columnist for "Chicago Daily Times")  
...H.Fischer, Brooklyn, N.Y.....V.Can Riper, City Clerk, Bakersfield, Calif....  
The Manager, LRL, Radio El Mundo, Buenos Aires, Argentina...Marston Klein, Los Angeles, Calif.

**RENEWALS:** Roy S.Robb; Everette Payette; C.H.Hodge; Robt.Thomson; Wm.E.W. Howe; Ying Ong; Herb. Campbell; Nick Cannata; J.F. Pichler; Jack Siringer; Philip Rush; Leo Herz; Walter V.Scholz; Grant Batson; Capt.Gebauhr.

### CHAPTER NOTES

**ACC (Detroit):** Next meeting- Dec. 17, in Detroit News Conference Room. For further details contact Bill Mathers, 6607 Vinewood...**SO. CALIF** (Los Angeles area): Next meeting- Jan. 4, at home of Aug. Balbi, 1328 Angelus Ave., Los Angeles..The chapter is very grateful for the support given it by G.M.Frazier, of the Scott Radio Co. in L.A....  
**WINDY CITY CHAPT.** and **WORLD WIDE DIAL**

**CLUB (Chicagoland):** Next meeting- Dec. 11, at the Central Y.M.C.A., 19 South La Salle St., Chicago. For details contact Gail Beyer, 3226 Sunnyside Ave., Chicago. An informal and social get-together is held the last Sat. in each month.

### IDA-NRC MID-WINTER CONVENTION

The IDA-NRC mid-winter convention sponsored by the Cleveland Radio Club, will be held in Cleveland on Jan. 18-19. An informal banquet will be held in the evening of Jan. 18. For more complete details write to S.A.Mann, 1281 Ramona Av, Lakewood, Ohio.

### DX PROGRAMS

Dec.-Call	kcs.	Location	AM-EST
7 A	WBAB	1200 Atlantic, N.J.	3-4
8 A	CJGJ	690 Calgary, Canada	3-4
9 A	WAWZ	1350 Zarephat, N.J.	5:30-6
18 B	KCRC	1360 Enid, Okla	1-5
24 C	WPID	1210 Petersburg, Va.	4:30-5

Every Sunday, 12:01-2a.m., **WSUN** (620) 5 kw, St. Petersburg, Fla., presents a dx program, entitles "Sunshine Salute," a variety show. Reports welcome.  
(Sponsoring clubs: A-NNRC; B-WDXA; C URDXC).

### ISWC SHORT-WAVE DX CONTEST

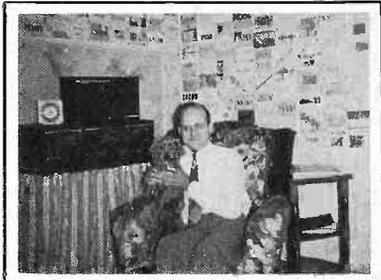
**Dates-** Now on, closes July 1, 1941.....  
**Winner-** That dx'er (does not need to be an ISWC member) who receives the greatest number of points. Points to be computed from verifications of reception of S.W. broadcast or amateur voice stations, on basis of 100 points for each 100 miles between listener and station. Stations must be at least 500 miles, from listener...**PRIZES-** A 1941 Sky Champion receiver, 6 "10" globes, and others....For further information write to the International Short Wave Club, East Liverpool, Ohio.

### IDA PERSONALS

**Grant Batson, Westfield, N.Y.** will swap SWL cards 100%...**W.Dame**, 5 Central St., Saxonville, Mass., wishes to swap stamps.  
**J.S.Shino**, 686 Powell St., Vancouver, B.C. Canada, wishes to swap book matches.....  
**Milton Brehmer**, 350 Halstead Ave., Mamaroneck, N.Y., a shut-in member, has a very nice assortment of 21 Christmas folders (cards) for \$1.00. Why not buy your cards from Milt this year?-(cont. Pg.6)

# SHORT WAVE NOTES

EDITOR-IN-CHIEF: Chas. A. Morrison; ASSOCIATE EDITORS: M. W. Soplol, R. Skyten; ULTRA HIGH FREQUENCY EDITOR: P. Ferrell Jr.; FREQUENCY CHECKING EDITORS: R. B. Oxrieder, John Larsen; AMA-TOURING EDITORS: Roger Legge, Roy Waite.



Listening Post of Ama-Touring Editor, R. Legge, Binghamton, N.Y.

**PRESS DEADLINES:** For JANUARY GLOBE CIRCLER, Dec. 16; For JANUARY STOP PRESS SHEET, Dec. 31; For JANUARY AMA-TOURING, Dec. 11 (For Ama-Touring send news items to Roger Legge, 20 Beethoven St., Binghamton, N.Y.). . . **MAKE OUT SHORT WAVE REPORTS AS FOLLOWS:** Use one side sheet only... Double space lines... Divide items by continents and state time used. Items in order of importance are: NEW stations; exact frequencies or frequency changes; exact schedules, or addresses; news periods in English; identifying signals and unusual receptions. **RUSH IMPORTANT ITEMS BY FAST-EST MAIL** (A postcard will do)... **FOUR STAR ITEMS** denote exceptional merit... **EACH FIVE STAR ITEM** pays its contributor \$2.00.

**IDA 100 CLUB:** Having verified 100 countries Thos. Moss, Hapeville, Ga (also DSW) and Alan Breen of Dunedin, N.Z., have been admitted to the IDA 100 CLUB.

## FREQUENCY MODULATION (FM) GETS "GO" SIGNAL

The following FM applicants have been authorized by the F.C.C. to go on a full commercial basis as soon as practicable: (Frequency in kilocycles)

43,900	Mt. Washington, N.H.	Yankee Network	44,700	Salt Lake City--	Radio Service Corp. of Utah.
44,500	Detroit --	Evening News Ass'n			
44,500	Los Angeles --	Don Lee Broadcast- ing System.	44,900	Binghamton, N.Y.--	Howitt-Wood Radio Co. Inc.
44,500	Evansville, Ind. --	Evansville on the Air Inc.	45,100	New York--	N.B.C.
44,500	Baton Rouge, La. --	Baton Rouge Broadcasting Co	45,100	Chicago--	Zenith Radio Corp.
			45,500	New York--	Wm. G. H. Finch.
44,500	Columbus, Ohio --	W B N S, Inc.	45,500	Milwaukee--	The Journal Co.
44,700	Schenectady, N.Y. --	Capitol Broad- casting Co.	45,900	Brooklyn--	Freq. B.C. Corp.
			46,300	New York--	Marcus Loew Booking Agency.

FM Broadcasting was inaugurated over G.E. station W2XOY (43.2), Schenectady, N.Y. on Nov. 20. W2XOY will operate daily 3-10pm. . . The N.N.R.C. inaugurated a series of programs over W2XOR (43.4), 444 Madison Ave., New York City, on Saturday, Dec. 7, at 4:30pm. The programs will take place each week thereafter at the same time. Representatives of other radio clubs will appear on subsequent broadcasts.

(E.S.T.)

## NORTH AND CENTRAL AMERICA

(E.S.T.)

**ANADA** CKFX (6.08), Vancouver, power 10 watts, heard in Australia and New Zealand. Station verified promptly (\*\*Simpson-Austra.; Cushen, N.Z.)

**OSTA RICA** TIGPH/TIX now on 5.915 (Legge); TILS now on 5.900 (RBO)... TI2RS (7.100), Radioemisora "Athenea", San Jose, owned by Rogelio Sotela, verified reception of Sept. 4, while operating on 7.45 (\*Waite)... TI7RVM (5.985), is now announcing as "La Voz de Guanacaste", Guanacaste (\*Waite)

**UBA** NEW: CMYI (8.415), relays CMHJ, Cienfuegos, irreg. (RBO)... COCQ operates on 11.57 (1kw), 6.365 (5KW), and 8.85 (10kw)... COX4 (6.39), Cuba, on the air again, and operating 8-11pm or later (\*Balbi)... COK heard testing on 17.75 (Moreland)... NEW: Unidentified on 4.61, relays CMQ nightly to lam (\*Roberts)

**L SALVADOR** NEW: HUB (5.556), Direccion General de Telegrafos Y Telefonos Nacionales, San Salvador, broadcasts simultaneously with YSD, daily 1-2, 8:30-10:30pm (\*\*Picard)... New call for station on 10.4 mcs. is YSPA (Legge)

**UADELOUPE** FGSAH (7.445), "The Voice of Colonial France", Pointe-a-Pitre, broadcasts pro-Vichy programs 6-7pm; in French 6-6:30; in English 6:30-7pm (\*\*Acton)

**EXICO** XBHX (10.05), La Banco Nacional de Mexico, operates weekdays 1:30-2, 6:30-7pm (\*Acton)

**EWFOUNDLAND** VONH (5.97), operates 3:30-9pm; VONG (9.475) comes on air at 11:30 am (Legge, Roberts, Skyten)

**ICARAGUA** YNOW verifies promptly; states frequency is 6.85 (\*Legge)

**.S.A.** W5XAU (26.125), Oklahoma City, is heard very well every day (Wilson Conn)... KGEI now operates on 9.53, daily 12-3am (Sun. to 3:30am) (Balbi, Cook),....

WCAB is operating on 15.27 and 6.06 only. See list for revised schedules for WCAB and WCBX (CBS, Wilson)...WGEA operates on 6.19, daily 10-11pm (Sat. to 11:30) (Cook)...WILL (580 kcs.), Champaign, Ill., broadcasts a Ham Forum, Sats. at 2:15pm. (W9QWM)...WLWO partially destroyed by fire, is again on the air, and broadcasting experimentally with 75 to 100 kws, as follows: on 15.25, 12 noon-5, on 11.71, 5:15-7:45 and on 9:59, 8pm-1 am. WLWO is authorized to operate on the following unshared channels: 21.65, 17.80, 15.25, 11.71, 9.59 and 6.08 mcs. (\*WLWO, Wilson)...WPIT now operates daily as follows: on 15.21, 9am-5, on 11.87, 5-11pm (Balbi, JL)...Reassigned frequencies for WRUW-WRUL are: 25.6, 21.46, 17.75, 15.35, 15.13, 11.79, 11.73 and 6.04. Frequency of 15.25 has been dropped. See list for sked.

#### SOUTH AMERICA

**BOLIVIA** According to verification, CP43 (15.165), is "Radio Tupiza", located at Casilla de Correos 13, Tupiza, Bolivia (\*\*Waite)  
**BRAZIL** PSH (10.22), broadcasts in Spanish, Fridays 7-7:30pm (PSH)  
**CHILE** CB1170 (11.70) is being heard approx. 7-11:30pm (Cushen, Baxter)....  
 CB1174 (11.74), "Radio Hucke", Casilla 6009, Santiago, now heard 6:30 to 11pm or midnight; signs-off with "Marching Through Georgia" (Baxter, Cushen, NZDXC)....  
 CB1180 has shifted to 12 mcs., where it is qrm'd by RNE (\*Cook)  
**COLOMBIA** HJB (14.94), Marconi Tele. Co., Aptdo. 1591, Bogota, verified by returning signed reply card (\*Waite)...HJDU (4.805), heard irreg. 6-8:30pm (Legge)  
**ECUADOR** HCJB (12.46) broadcasts a fine musical program Tues/Thurs/Sat at 6:15pm; lessons in Spanish daily at 6:45pm (\*Towers, Fern)...NEW: The station on 5.975 is HCQR, "Radio Quito", Quito (\*\*RBO)...HC2AK is now on 9.285 (Larsen\*)  
**PARAGUAY** The following stations are given in an official list: ZP7, Encarnacion, (11.703), 100w; ZP8 (11.85), Asuncion, 500w; ZP14 (11.721), Villarrica, 1000w.  
**PERU** OAX4G (6.19) heard closing down at 2am, Sunday, with English announcement (Cushen)...OAX4R (15.15), heard on Wednesday, at 5:15pm (Baxter)....OAX5C is now on 9.425 (\*Larsen)...Unidentified on 9.545, heard closing Sundays at 2am  
**URUGUAY** CXA19 (11.71), heard daily 6:30-9pm; signs-off with "Stars and Stripes". Heard broadcasting in English Oct. 31, 9:30-9:45pm (\*Moreland, Field)  
**VENEZUELA** YV1RO, Trujillo, announces 3.34, but heard on 3.355 (\*Legge)...YV5RS is now on 3.35; signs-off at 10pm (\*\*Legge)...YV5RN (4.92) heard very loud (Pic'd)

#### EUROPE

A mysterious station announcing as the "Revolutionary Station of Europe", which urges all revolutionaries to band together for the overthrow of the present European governments, is broadcasting on various frequencies and at irregular hours, according to the BBC. Daventry attempts to jam these broadcasts.  
**BOHEMIA** New Nazi assigned calls for former OLR are: DHE2B (6.03), DHE2A (6.01) DZB (10.042), DHE4A (11.84), DHE3C (15.16), DHE5A (15.23), DHE5B (15.32) (\*\*Honda),  
**ENGLAND** GRW (6.145), broadcasts the "Home Service" program daily 1:00-2:30am and 2-6:20pm (\*Breen, Simpson, Roberts)  
**FRANCE** Y (15.24), broadcasts 12:30-12:50pm and 2-2:30pm. Y (9.52), operates intermittently afternoons but is not being heard evenings with the No. American program although program skeds state it broadcasts 4:50-11pm (\*Cook, Baxter, JL)  
**GERMANY** Berlin now broadcasts to NA as follows: 6-9, 11:30-11:45am, 12:30-12:45, 1:30-1:45, over DJB (15.2); 3:30-4pm, over DJJ (11.8); 4:30-4:45, 5:30-5:45, over DZD (10.54); 4:50-11pm, DJD (11.77) and Y (9.52); 6:15-11pm, over DZD (10.54); 9:15pm-1am, over DJC (6.02)...English news bulletins are read at 6:30, 8:30, 11:30am, 12:30, 1:30, 3:30, 4:30, 5:30, 6:15, 10:30pm & 12 mid...Unidentified station on 9.695 broadcasts German programs, 12-1, 2-3pm (Skyten)...DJJ (11.77), DJL (15.11), and DJX (9.675) broadcast to Africa, daily 10:40am-4:20pm (\*Baxter)...DJE (17.76) is off the air (Cook)...DJZ (11.8) has replaced DJP (11.855), in the S.A. program, 4:50-10:50pm (\*Cook)...DXB (9.61) heard at 2:15pm (Larsen).. DZE (12.13) is heard 6-9am, with DJB (15.20), directed to C.A. (Skyten)  
**HOLLAND** Bob Wybrands, a former announcer at PCJ, was heard recently broadcasting over the Berlin short-wave station (\*\*Cushen)  
**HUNGARY** HAT4 (9.125) broadcasts to N.A., daily 7:20-9pm; English news is read near 7:45 or 8:00 p.m. (Acton, Skyten)  
**ITALY** English news bulletins from Rome are read as follows: 8:30am, over 2R08 (17.82) and 2R04 (11.81); 10:40am, over 2R03; 1:50pm, over 2R06 (15.3), and 2R04; 3:30pm, over 2R06, 2R04, 2R03 (9.63), and 2R09 (9.67); 5:30pm, over 2R06, 2R04, 2R09 and 2R03 (\*Wilson)...IRW (19.52), now heard 7:30-9am, with 2R08; English news at 8:30am (\*\*Wilson, Skyten, Simpson)...NEW: Unidentified on 9.75, operates daily 8:05-10, and 10:05-10:20pm (\*\*Balbi)...2R03 (varies 9.63 to 9.635), has replaced 2R08, 9:30-10:50am (\*Balbi, Cook, Larsen)...2R05 (15.17), heard closing down at 8am (Simpson\*)...2R011 (7.22), heard afternoons to 6pm (Skyten)  
**JUGOSLAVIA** YUA (6.1), operates 12:45-1:45, 3:50-8:40am. YUB (6.1), operates 1-4:40pm; YUF (15.24), broadcasts 7:55-9pm to SA, and 2-3:50am for Australia; YUG

(15.24), broadcasts to N.A., 9-10pm (\*\*Wells-IRM)  
PORTUGAL CSW7 (9.74), broadcasts in English, Tues/Thurs/Sat 4-4:10pm (\*\*Acton)...  
NEW: "Radio Moshita, Emisora Catholica Portuguesa" (6.2), heard daily 4-7pm. News  
 in Portuguese is read at 4pm. This may be CSL, moved from 6.15 (\*\*Kriebel)  
SPAIN EAQ (9.86), relays to NBC, Fridays at 7:30pm (Wells-IRM)  
SWITZERLAND "Radio Suisse" (6.165), now operates daily 1:30-4:30pm, also gives  
 news at 6 and 7:45am, "Radio Suisse" (11.865), heard weekly 6-6:45am (\*\*Simp-  
 son)...The American network programs from Greece, Bulgaria, Jugoslavia, Roumania,  
 and unoccupied France, are sent by landwire to Geneva, where they are broadcast  
 by HBQ (6.875), HBL (9.345), and occasionally HBO (11.4) (\*\*Kriebel, Legge, Acton)  
J.S.S.R. RV96 (9.52), broadcasts 9-11am; to N.A. 7-8pm; and 11pm-12 mid... Follow-  
 ing unidentified Moscow stations are being heard: on 6.11, 12:30-4am irreg.; on  
 6.75, 8-9:30am irreg.; on 5.70, 12:30-5am, and on 9.57, 12:30-4am (\*\*Balbi)

#### AFRICA

ELGIAN CONGO OPM (10.14), is still being heard daily 2-2:50pm (Waite, Acton)...  
NEW: "Radio Leopoldville," may be OQ2AA (15.175), is broadcasting an all-French-  
 program daily 2-2:45pm, in parallel with OPM. Heard weakly (\*\*Waite, CAM)  
EGYPT SUX (7.86) and SUV (10.05) heard 7:15-7:50pm, working London, in relay  
 from Cairo to NBC in New York (\*\*Kriebel)  
FRENCH EQUATORIAL (Middle Congo) AFRICA NEW: FZI (11.97), "Radio Brazzaville,"  
 Press Information Service, General Government, Brazzaville, French Equatorial  
 Africa, first heard Oct. 25, by W2IXY, now operates daily 1-1:30am and 3:30-4:15  
 pm. The transmitter, power 5000 watts, was installed in 1927 and has been used  
 since that time for telegraphic communication with the interior and Paris. The  
 interval signal which opens and ends the transmissions is several notes played  
 on some native instrument which sounds like the plucking of taut strings over  
 the mouth of a jug. The programs consist of recordings (French folk songs,  
 Strauss waltzes etc.) interspersed with all-French announcements in support of  
 the Free France cause. General DeGaulle, whose headquarters are in Brazzaville,  
 speaks over the station occasionally. The station is identified frequently as  
 "Ici Radio Brazzaville." Programs terminate with interval signal or abruptly  
 without anthem. Signal strength is very good but quality poor (\*\*\*W2IXY, Cook,  
 Roberts, Acton, Balbi, Skyten, Morrison, Whitehouse, Heflin, Shanks, Beyer, Field, Waite  
 Towers, Swanzy)  
MOROCCO CNR2 (11.94), "Radio Maroc," Rabat, is on air again, and being heard 2-3-  
 pm. Identification is 3 bells (\*\*Kriebel)  
MOZAMBIQUE CR7BE (9.72) and CR7AA (6.03), broadcast daily 2-4pm. CR7BE often  
 continues its program Saturdays to 5:25pm, building up to tremendous strength  
 towards the end of the broadcast. The CR7BE card has large blue call letters  
 outlined in white, and pictures a map of Africa in Green and white. The CR7BG  
 card is same style with brown design and maroon call (\*\*Cook, Legge, Simpson, CAM)  
ENEGAL (French Africa) FGA (9.40 to 9.405), "Radio Dakar," broadcasts pro-Vichy,  
 programs daily 3:25-4:30pm (sometimes comes on air at 3pm). Signature is "La-  
 Marseillaise." Sometimes a short English period is heard near the end of the  
 program. Both man and woman announcers are heard (\*\*Acton, Shanks, Hart, Legge)  
O.AFRICA ZRO (9.755), Durban, being heard on west coast 9-11:30am (\*Baxter)

#### ASIA AND OCEANIA

AUSTRALIA NEW: VLW5 (6.18), broadcasts to So. Africa, 11:55am-12:30pm (\*\*Honda)...  
 Broadcasts to N.A. are now: 7:20-8:05am, over VLQ5 (9.68), to east coast; 10:25  
 11:10am, over VLQ7 (11.88), to west coast; 4:10-5pm, over VLQ5, to east coast, and  
 12:55-1:45am, over VLQ8 (17.8), to west coast (\*\*Cook, Honda)... See list for many  
 other changes in Austr. broadcasts. (Baxter, Waite, Cook, Legge, Cushen, Simpson, Bal-  
 bi)... Revised Melbourne sked: over VLR6 (11.83), 12-3, over VLR (9.58), 3:30  
 8:30am (\*\*Balbi)  
HINA Unidentified on 8.565 and 9.300 heard 8-9:45am irreg. (\*\*Baxter).. NEW  
XGOQ (9.09), is controlled by Chungking gov't (NZDXRA)... XGOY (9.5), broadcasts  
 to Asia, 2-4:30pm (\*Ong). See list for other XGOX-Y changes... NEW: XGOA (9.705  
 to 9.72), Chungking, China, broadcasts 5-11:00am, or later, with XGOY (11.895/9.615  
 (\*\*Honda, Baxter)... XMHA, Shanghai, is now on 11.95 (Simpson)... NEW: XGRX (11.92)  
 "Voice of the Far East," Racecourse Road, Shanghai, broadcasts 4-7:30am, or later.  
 Station is anti-British; uses 4-tone chime for interval (\*\*Baxter, Cushen)  
IJI'S VPD2 (9.535), relays BBC, 12-12:30 (French news 12:15)am; also operates  
 3:50-5:15am, relaying Australian English news at 4:20am (\*\*Balbi, Baxter, NZDXRA)  
R.INDO-CHINA "Radio Saigon" (11.78), now broadcasts 4:15-4:30am in French for  
New Caledonia, then comes on with English program (also relayed on 6.2) at 5:30  
 am, with English news at 5:45am (\*Baxter, Simpson)  
HONG KONG ZBW3 (9.525), now operates 5-10am, with English news at 8am (\*\*Baxter)  
INDIA NEW India freqs: VUD2 (7.29) and VUB2 (7.24), operate 9-11pm; VUM2

(7.27), 9-10:30pm, and VUC2 (7.21), 10-11pm. For other changes see list (\*\*Breen)  
IRAN EQC (9.68), heard fair from 8:45am on; news in English at 9am (Baxter)  
JAPAN The JBC is greatly expanding overseas service, with new transmissions,  
 new transmitters and frequencies, and extended program periods (\*\*Honda, Fern)..  
NEW: JLG4 (15.105) and JVZ (11.815), broadcast to Ea.N.A., 8-9pm; JLG4 tests for  
 Ea.N.A. 9-10pm. JZI (9.525), broadcasts to W.N.A., 12-1:30am. J--(6.98), opera-  
 tes 8-10am irreg.; JLT (6.19) tests 3:30-4am. Numerous changes in schedules  
 and frequencies will be found in list (\*\*Honda, Fern, Balbi, Whitehouse, Baxter,  
 Camp, Shanks, Waite, Hodge, Moreland, Skyten, Legge, Klein, Cook, Kent, Shino, Roberts)  
JAVA PMA (19.345) broadcasts 7-8:15am, with announcements in English, Dutch,  
 and French; English news at 7:45am. Interval signal is music box tune repeated  
 (\*\*Skyten, Simpson)...PLP (11) and PMN (10.26), now come on air evenings at 5:30  
MACAO CRY9 (6.08), heard Mondays from before 7:15am to 10am (Baxter) (pm  
MANCHUKUO MTCY (9.545), broadcasts 9:30-10:30am, 4-4:50pm (\*Simpson, Baxter)  
NEW CALEDONIA "Radio Pacifique" (6.48 or 7.28), 100w, operated by Guillerme Paul,  
 Chef de Service Radioelectrique, Noumea, broadcasts short French program, daily  
 at 3:30 and 7:30pm. Opening selection is "Le Chant du Depart" (\*\*Cushen)  
PHILIPPINES KZIB is now on 6.06 (Cushen)...The KZRH verification is a rather  
 simple card picturing a radio tower on left (Balbi)  
S.S. NEW: ZHP3 (7.25), Singapore, first heard Sept. 29, now broadcasts daily  
 4:40-9:40am, in Malay, Tamil, Chinese, Dutch, and French (\*\*Simpson, Breen, Baxter\*)  
SUMATRA YDX (7.22), Medan, heard daily with good signals on west coast (Baxter)  
TAHITI FOSAA (7.1), still heard Tues/Fri 11pm-12:15am; broadcasts in French  
 and Tahitian; signs-off with "God Save King" and Marseillaise" (Baxter\*\*)  
THAILAND Woman gives talk in English, daily at 8:45am, over HSP5 (11.72) (Baxter)  
TURKEY TAQ (15.195), operates daily 12 mid-1am; news in English at 12 mid.  
 (\*NZDXC)...TAP (9.465), operates 11am-5:15pm; occasionally contacts CBS at 7pm  
ANTARCTICA: The Byrd Exped. will leave West Base on Feb. 1, and East Base, on  
 March 1, for its return to the U.S. The U.S.S. Bear, will arrive in Boston the  
 latter part of May, while the U.S. Motorship North Star, will dock in Seattle in  
 April.

IDA PERSONALS (Cont. from Page 2)- We re-  
 gret to announce the resignation of George  
 Magee, as IDA Director of 5th Dist., due to  
 his removal to another Dist. We are happy,  
 however, that George has been promoted to  
 General Agent of N.Y.C., at New Orleans, La.  
 ...Congratulations also, to Dorothy Hall,  
 W2IXY, Springfield Gardens, L.A., for winning  
 the 12th annual A.R.R.L. DX Contest, for  
 the state of New York...Thos. M. Moss, Hape-  
 ville, Ga., is working hard for his ham tick-  
 et...John Barre, 377 East 153 St., Bronx,

New York City, is now W2NHH, and is  
 working, mostly on 10 meters, with a  
 output power of only 9 watts.....  
 Despite nightly bombing raids and a  
 state of war, IDA members in Great  
Britain, are quite active at the  
 dials, even being ambitions enough  
 to get out a monthly dx sheet, the  
 "Bed Hater's Gazette." N. Burton, 14  
 Apollo Ave., Whitefield, Manchester,  
 Lancs, England, asks that British mem-  
 bers forward their renewals to him.

(Clip Out)

"THE PERFECT GIFT FOR YOUR RADIO FRIENDS"

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**SPECIAL CHRISTMAS SUBSCRIPTION BLANK**

(This offer positively expires on Jan. 1, 1941)

**\$1.00****INTERNATIONAL DX'ERS ALLIANCE****\$1.00**

BLOOMINGTON, ILLINOIS

Kindly enroll the following new listeners in the I.D.A. and put their names on your mailing list to receive the GLOBE CIRCLER for one year. I am enclosing \$1.00 for each (total of ) name given. (If subscriptions are being given as Christmas gifts, I.D.A. will send the recipients a gift notifications card on, or before Christmas Day.)

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(Note: Additional names may be added on a separate sheet of paper).

# SHORT-WAVE BROADCASTING STATIONS

SYMBOLS: N-NEW stations; F- Frequency changes; S- Change in sked; J- Stations persisting in hopping about; V- Varying in frequency; \* See shortwave notes. ...IMPORTANT English news periods are indicated in list as NEWS.

METERS	MEGS.	CALL	STATION LOCATION	TIME	EASTERN STANDARD
<b>13 METER BAND</b>					
13.92S	21.55	GST	London,England	5:40-11:30am.	
13.93	21.53	GSJ	London,England	5:40-8:45,9-11:30am.	
13.96	21.50	WGEA	Schenectady,N.Y.	8-11am to Latin America	
13.97	21.47	GSH	London,England	5:40-11:45am to Africa.	
<b>16 METER BAND</b>					
14.97	20.04	OPL	Leopoldville,Belgian Congo	6-7:15am.	
15.37N	19.52	IRW	Rome,Italy	7:30-9am with 2R08...NEWS- 8:30am.	*
15.43S	19.345	PMA	Batavia,Java	7-8:15am...NEWS- 7:45am.	**
15.77	19.02	HS6PJ	Bangkok,Thailand	Mondays 8-10am.	**
16.18	18.54		Moscow,U.S.S.R.	1-1:30am (French),6-6:30am (English)	
16.26	18.45	HBF	Geneva,Switzerland	Fri.8:45-10:10am to Orient.	
16.60	18.065	PCV	Kootwijk,Holland	7:30-10am...NEWS- 9:30am.	
<b>19 METER BAND</b>					
16.82	17.845	DJH	Berlin,Germany	12:05-11am.	
16.82	17.84	EIRE	Athlone,Ireland	7:30-8:30,9am-1:30pm...NEWS- 12:30pm	
16.82	17.84	H13X	Trujillo City,D.R.	6:30-8:30 or 9:30pm.	
16.83S	17.83	WCBX	New York City,N.Y.	8am-1pm- to Europe.	
16.84S	17.82	2R08	Rome,Italy	4:30-4:55,5-7:15,7:20-9:25,3-5:30,6-7:55,8:05-10pm to NA,10:05-10:20pm NEWS- 9:45pm.	*
16.85S	17.81	GSV	London,England	5:40-8:45 (7:15-8:45 to NA),9-11:45 am to NA...NEWS- 8, 11am(4:15-4:30pm)	
16.85S	17.80	VLQ8	Sydney,Australia	12:55-1:45am to Western No.America.	
16.86	17.79	GSG	London,England	5:40-9:45am to India & Australia.	
16.87	17.78	WNBI	New York City,N.Y.	9am-4pm to Europe, 4-8pm to S.A.	
16.90N	17.75	WRUL-WRUW	Boston,Mass.	10am-12:30pm ex.Sat/Sun relays MBS.*	
<b>19 METER BAND</b>					
19.09	15.715		Moscow,U.S.S.R.	6-6:30am (English)	
19.53	15.36	DZG	Berlin,Germany	11:30am-12:30pm (Arabic)	
19.54N	15.35	WRUL-WRUW	Boston,Mass.	2-5pm ex.Sat/Sun.	*
19.56	15.34	DJR	Berlin,Germany	12-2, 9-11am.	
19.57	15.33	WGEA	Schenectady,N.Y.	11:15am-6pm to Europe	
19.57	15.33	KGEI	San Francisco,Calif.	6:30-11:15pm to Latin America	
19.59	15.315	YDB	Soerabaja,Java	10:30pm-2am; Sat.7:30pm-2am.	
19.60	15.31	GSP	London,England	2:45-5:15,5:40-7am to NA...NEWS- 6am	
19.61	15.30	2R06	Rome,Italy	1-2:30,5-7:15,10:35am-2:35,3-5:30pm.	
19.62	15.29	LRU	Buenos Aires,Argentina	6:15-7:15am. Has anyone heard ?	
19.62S	15.29	VUD3	Delhi,India	1:30-3:30am,9-11pm...NEWS- 10:20pm.	
19.63	15.28	DJQ	Berlin,Germany	12:05-11:10am, 4:50-11pm to S.A.	
19.64S	15.27	WCAB	Philadelphia,Pa.	12 noon-2pm to Europe,2:15-6pm to SA exSat/Sun; Sat.12-5pm to SA; Sun.12-4:30pm to SA.	
19.66	15.26	GSI	London,England	1:15-5:15,11:55am-2:15,2:15-5:25pm.	
19.67N	15.25	WLWO	Cincinnati,Ohio	12 noon-5pm.	
19.68S	15.24	YUG	Belgrade,Jugoslavia	9-10pm to N.A.	*
19.68S	15.24	YUF	Belgrade,Jugoslavia	2-3:05am to Australi, 7:55-9pm to SA	
19.68S	15.24	Y	Paris,France	12:30-12:50pm (French),2-2:30pm.	
19.70	15.23	2R014	Rome,Italy	11:15-11:40am,12:15-1:10,8:05-10,10:05-10:20pm...NEWS- 9:45pm.	
19.71	15.22	PCJ2	Huizen,Holland	7:30am-10am...NEWS- 9:30am.	
19.72S	15.21	WPIT	Pittsburgh,Pa.	9am-5pm.	*
19.74S	15.20	DJB	Berlin,Germany	6-9,11:30-11:45am,12:30-12:45,1:30-1:45pm to NA...NEWS- 6:30,8:30,11:30 12 mid.-1:30am * (am,12:30,1:30pm	
19.74S	15.195	TAQ	Ankara,Turkey	7-8:05pm to NA, 11:30pm-12:50,1-1:50,2-3:05am...NEWS- 7:30pm, 1:30am.	
19.75S	15.19	XGOX	Chungking,China	12:30-2am,6:15-7:15pm...NEWS- 6:15pm	
19.75	15.19	OIE	Lahti,Finland	1:30-2:30,3-4am,2-2:30,3-3:30,4-5,7-8 (Eng.),8-8:20pm (Fr.),8:20-9pm	
19.76S	15.18	RV96	Moscow,U.S.S.R.	(Span) to NA...NEWS- 7pm	
19.77N	15.175	OQ2AA	Leopoldville,Belgian Congo,	2-2:45pm (French),with OPM	*

(7.27), 9-10:30pm, and VUC2 (7.21), 10-11pm. For other changes see list (\*\*Breen)  
 IRAN EQC (9.68), heard fair from 8:45am on; news in English at 9am (Baxter)  
 JAPAN The JBC is greatly expanding overseas service, with new transmissions,  
 new transmitters and frequencies, and extended program periods (\*\*Honda, Fern)..  
 NEW: JLG4 (15.105) and JVZ (11.815), broadcast to Ea.N.A., 8-9pm; JLG4 tests for  
 Ea.N.A. 9-10pm. JZI (9.525), broadcasts to W.N.A., 12-1:30am. J--(6.98), opera-  
 tes 8-10am irreg.; JLT (6.19) tests 3:30-4am. Numerous changes in schedules  
 and frequencies will be found in list (\*\*Honda, Fern, Balbi, Whitehouse, Baxter,  
 Camp, Shanks, Waite, Hodge, Moreland, Skyten, Legge, Klein, Cook, Kent, Shino, Roberts)  
 JAVA PMA (19.345) broadcasts 7-8:15am, with announcements in English, Dutch,  
 and French; English news at 7:45am. Interval signal is music box tune repeated  
 (\*\*Skyten, Simpson)...PLP (11) and PMN (10.26), now come on air evenings at 5:30  
 MACAO CRY9 (6.08), heard Mondays from before 7:15am to 10am (Baxter) (pm  
 MANCHUKUO MFCY (9.545), broadcasts 9:30-10:30am, 4-4:50pm (\*Simpson, Baxter)  
 NEW CALEDONIA "Radio Pacifique" (6.48 or 7.28), 100w, operated by Guillerme Paul,  
 Chef de Service Radioelectrique, Noumea, broadcasts short French program, daily  
 at 3:30 and 7:30pm. Opening selection is "Le Chant du Depart" (\*\*Cushen)  
 PHILIPPINES KZIB is now on 6.06 (Cushen)...The KZRH verification is a rather  
 simple card picturing a radio tower on left (Ba151)  
 S.S. NEW: ZHP3 (7.25), Singapore, first heard Sept. 29, now broadcasts daily  
 4:40-9:40am, in Malay, Tamil, Chinese, Dutch, and French (\*\*Simpson, Breen, Baxter\*)  
 SUMATRA YDX (7.22), Medan, heard daily with good signals on west coast (Baxter)  
 TAHITI FO8AA (7.1), still heard Tues/Fri 11pm-12:15am; broadcasts in French  
 and Tahitian; signs-off with "God Save King" and Marseillaise" (Baxter\*\*)  
 THAILAND Woman gives talk in English, daily at 8:45am, over HSP5 (11.72) (Baxter)  
 TURKEY TAQ (15.195), operates daily 12 mid-1am; news in English at 12 mid.  
 (\*NZDXC)...TAP (9.465), operates 11am-5:15pm; occasionally contacts CBS at 7pm  
 ANTARCTICA: The Byrd Exped. will leave West Base on Feb. 1, and East Base, on  
 March 1, for its return to the U.S. The U.S.S. Bear, will arrive in Boston the  
 latter part of May, while the U.S. Motorship North Star, will dock in Seattle in  
 April.

IDA PERSONALS (Cont. from Page 2)- We re-  
 gret to announce the resignation of George  
 Magee, as IDA Director of 5th Dist., due to  
 his removal to another Dist. We are happy,  
 however, that George has been promoted to  
 General Agent of N.Y.C., at New Orleans, La.  
 ...Congratulations also, to Dorothy Hall,  
 W2IXY, Springfield Gardens, L.A., for winning  
 the 12th annual A.R.R.L. DX Contest, for  
 the state of New York...Thos. M. Moss, Hape-  
 ville, Ga., is working hard for his ham tic-  
 ket...John Barre, 377 East 153 St., Bronx,

New York City, is now W2NHH, and is  
 working, mostly on 10 meters, with a  
 output power of only 9 watts.....  
 Despite nightly bombing raids and a  
 state of war, IDA members in Great  
 Britain, are quite active at the  
 dials, even being ambitious enough  
 to get out a monthly dx sheet, the  
 "Bed Hater's Gazette." N. Burton, 14  
 Apollo Ave., Whitefield, Manchester,  
 Lancs, England, asks that British mem-  
 bers forward their renewals to him.

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15.37N	19.52	IRW	Rome, Italy		7:30-9am with 2R08...NEWS- 8:30am. *
15.43S	19.345	PMA	Batavia, Java		7-8:15am...NEWS- 7:45am. *
15.77	19.02	HS6PJ	Bangkok, Thailand		Mondays 8-10am. *
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16.60	18.065	PCV	Kootwijk, Holland		7:30-10am...NEWS- 9:30am.
<b>16 METER BAND</b>					
16.82	17.845	DJH	Berlin, Germany		12:05-11am.
16.82	17.84	EIRE	Athlone, Ireland		7:30-8:30, 9am-1:30pm...NEWS- 12:30pm
16.82	17.84	H13X	Trujillo City, D.R.		6:30-8:30 or 9:30pm.
16.83S	17.83	WCBX	New York City, N.Y.		8am-lpm to Europe.
16.84S	17.82	2R08	Rome, Italy		4:30-4:55, 5-7:15, 7:20-9:25, 3-5:30, 6-7:55, 8:05-10pm to NA, 10:05-10:20pm NEWS- 9:45pm. *
16.85S	17.81	GSV	London, England		5:40-8:45 (7:15-8:45 to NA), 9-11:45 am to NA...NEWS- 8, 11am(4:15-4:30pm)
16.85S	17.80	VLQ8	Sydney, Australia		12:55-1:45am to Western No. America.
16.86	17.79	GSG	London, England		5:40-9:45am to India & Australia.
16.87	17.78	WNBI	New York City, N.Y.		9am-4pm to Europe, 4-8pm to S.A.
16.90N	17.75	WRUL-WRUW	Boston, Mass.		10am-12:30pm ex.Sat/Sun relays MBS.*
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19.54N	15.35	WRUL-WRUW	Boston, Mass.		2-5pm ex.Sat/Sun. *
19.56	15.34	DJR	Berlin, Germany		12-2, 9-11am.
19.57	15.33	WGEA	Schenectady, N.Y.		11:15am-6pm to Europe
19.57	15.33	KGEI	San Francisco, Calif.		6:30-11:15pm to Latin America
19.59	15.315	YDB	Soerabaya, Java		10:30pm-2am; Sat. 7:30pm-2am.
19.60	15.31	GSP	London, England		2:45-5:15, 5:40-7am to NA...NEWS- 6am
19.61	15.30	2R06	Rome, Italy		1-2:30, 5-7:15, 10:35am-2:35, 3-5:30pm.
19.62	15.29	LRU	Buenos Aires, Argentina		6:15-7:15am. Has anyone heard?
19.62S	15.29	VUD3	Delhi, India		1:30-3:30am, 9-11pm...NEWS- 10:20pm.
19.63	15.28	DJQ	Berlin, Germany		12:05-11:10am, 4:50-11pm to S.A.
19.64S	15.27	WCAB	Philadelphia, Pa.		12 noon-2pm to Europe, 2:15-6pm to SA exSat/Sun; Sat. 12-5pm to SA; Sun. 12-4:30pm to SA.
19.66	15.26	GSI	London, England		1:15-5:15, 11:55am-2:15, 2:15-5:25pm.
19.67N	15.25	WLWO	Cincinnati, Ohio		12 noon-5pm. *
19.68S	15.24	YUG	Belgrade, Yugoslavia		9-10pm to N.A. *
19.68S	15.24	YUF	Belgrade, Yugoslavia		2-3:05am to Australi., 7:55-9pm to SA
19.68S	15.24	Y	Paris, France		12:30-12:50pm (French), 2-2:30pm.
19.70	15.23	2R014	Rome, Italy		11:15-11:40am, 12:15-1:10, 8:05-10, 10:05-10:20pm...NEWS- 9:45pm.
19.71	15.22	PCJ2	Huizen, Holland		7:30am-10am...NEWS- 9:30am. *
19.72S	15.21	WPIT	Pittsburgh, Pa.		9am-5pm. *
19.74S	15.20	DJB	Berlin, Germany		6-9, 11:30-11:45am, 12:30-12:45, 1:30-1:45pm to NA...NEWS- 6:30, 8:30, 11:30 12 mid.-1:30am * (am, 12:30, 1:30pm 7-8:05pm to NA, 11:30pm-12:50, 1-1:50, 2-3:05am...NEWS- 7:30pm, 1:30am.
19.74S	15.195	TAQ	Ankara, Turkey		12:30-2am, 6:15-7:15pm...NEWS- 6:15pm
19.75S	15.19	XGOX	Chungking, China		1:30-2:30, 3-4am, 2-2:30, 3-3:30, 4-5, 7-8 (Eng.), 8-8:20pm (Fr.), 8:20-9pm (Span) to NA...NEWS- 7pm
19.75	15.19	OIE	Lahti, Finland		12:30-2am, 6:15-7:15pm...NEWS- 6:15pm
19.76S	15.18	RV96	Moscow, U.S.S.R.		1:30-2:30, 3-4am, 2-2:30, 3-3:30, 4-5, 7-8 (Eng.), 8-8:20pm (Fr.), 8:20-9pm (Span) to NA...NEWS- 7pm
19.77N	15.175	OQ2AA	Leopoldville, Belgian Congo		2-2:45pm (French), with OPM *

19.78	15.17	TGWA	Guatemala, Guatemala	12:45-1:45pm to NA; Sun. 1:45-5:15pm.
19.78	15.17	LKV	Oslo, Norway	4:30-5:30pm to NA.
19.78	15.165	CP43	Tupiza, Bolivia	6-9:30pm. *
19.79S	15.16	JZK	Tokio, Japan	4:30-5:30pm to SA.
19.80	15.155	SBT	Motala, Sweden	1-4:30, 8-9pm to NA, Sun. 3am-4:30pm.
19.81S	15.15	YDC	Bandoeng, Java	4:30-10:30am; 5:30-9pm.
19.81	15.15	OAX4R	Lima, Peru	Sat. 5-5:45pm to NA; 8am & 5pm irreg.
19.82	15.14	GSF	London, England	4-5:15, 9-11:30, 11:55am-2:15, 4-5:25, 5:42-9:15pm. (noon.)
19.83S	15.13	WRUW-WRUL	Boston, Mass.	10am-12:30pm ex. Sat/Sun; Sun. 10am-12
19.84	15.12		Bratislava, Slovakia	6-7pm very irreg.
19.84	15.12	HVJ	Vatican City	Sun. 7-8:30pm; Tu. 8-9, 10-10:30am.
19.85S	15.11	DJL	Berlin, Germany	12-2, 10:40am-4:20pm. *
19.85N	15.105	JLG4	Tokio, Japan	8-9pm to NA; 9-10pm to NA (test) *
19.85S	15.10	EPB	Teheran, Iran	3-4:30pm.
19.95	15.04	RKI	Moscow, U.S.S.R.	11:45am-12 noon, 12:30-1pm, 7-8 (Eng), 8-8:20pm (Fr) to NA...NEWS- 7pm.

20.07	14.935	PSE	Rio de Janeiro, Brazil	Wed. 4-4:30pm, Th/Sat 3-3:30pm.
20.38S	14.717		Moscow, U.S.S.R.	6-6:15am (Eng), 7:30-7:45, 11-11:15am (Eng), 11:15-11:45am (Fr. & Ger.)
20.42	14.690	PSF	Rio de Janeiro, Brazil	6-7pm, with PSH.
20.55	14.600	JVH	Tokio, Japan	10-11pm and irreg.
20.64	14.535	HBJ	Geneva, Switzerland	Mon/Wed 8:45-10:10pm to NA.
20.75	14.46	DZH	Berlin, Germany	4:50-11pm to C.A.
24.02	12.49	HI1N	Trujillo City, D.R.	11:40am-1:40, 7:10-9:10pm.
24.08	12.46	HCJB	Quito, Ecuador	7-8:15, 11:30am-2:30, 6-10pm *
24.73	12.13	DZE	Berlin, Germany	6-9am to C.A. *
24.88	12.06	PDV	Kootwijk, Holland	3-4pm irreg.
24.94	12.05	FFZ	Shanghai, China	6-10am...NEWS- 8am.

## 29 METER BAND

25.00S	12.00	RNE	Moscow, U.S.S.R.	Daily: 6-7am, 4-6pm, 6-6:40 (Span), 6:40-7 (Ital), 7-8pm (Eng), 8-8:30 (Fr) 8:20-9pm (Span) to NA; Sun: 7-8:30am, 12-1:30, 3-3:30pm...NEWS- 7pm. (*
25.00	12.00	CB1180	Santiago, Chile	6:30-8am, 4:50-11pm. *
25.06N	11.97	FZI	Brazzaville, French Equatorial Africa	1-1:30am, 3:30-4:15pm
25.08	11.96		Anti-British Station	3:30-4, 4:30-5; Sun. 11:30am-12 noon.
25.10F	11.95	XMHA	Shanghai, China	From 4am on. *
25.13	11.94	CNR2	Rabat, Morocco	Being heard 2-3pm. *
25.17N	11.92	XGRX	Shanghai, China	4-7:30am, or later. *
25.19S	11.91		Moscow, U.S.S.R.	1:05-1:30, 4-6pm.
25.22S	11.895	XGOY	Chungking, China	5-8:50, 10-11, 11:05-11:25, 11:30-11:50 am, 12-12:35, 4:30-5:30pm...NEWS- 5:15, 8:15pm-1am. (7:30am, 4:30pm.
25.23	11.89	WNBI	New York City, N.Y.	11am-12 noon to N.A. (2-4pm
25.23	11.89	KZRH	Manila, Philippines	8:10-9:45, 10:25-11:10am to West NA, 11:55-12:30, 12:55-1:55, 8:15-8:45pm. *
25.25S	11.88	VIQ7	Sydney, Australia	5-11pm. *
25.27S	11.87	VIQ2	Sydney, Australia	6-6:45am...NEWS- 6am. *
25.27S	11.87	WPIT	Pittsburgh, Pa.	1:10-3:45, 5:40-11:30am, 5:42-9:30pm. 12-2am. *
25.29N	11.865		Schwarzenburg, Switzerland	6-8:20pm.
25.30	11.86	GSE	London, England	1:30-3:30, 6:30am-12:30, 9-11pm.
25.30S	11.855	DJP	Berlin, Germany	2-5am, 5:30-9:15, 11pm-2am.
25.34C	11.84	DHE4A	Prague, Bohemia	12 mid.-3am, 3:30-5:10pm.
25.36S	11.83	VUD4	Delhi, India	1:30-3:30pm; Sun. 1:30-2:30pm.
25.36S	11.83	VLW3	Perth, W. Australia	1:33-2:30am, 1-2, 5-5:30pm.
25.36S	11.83	VLR6	Melbourne, Australia	3:30-9:05pm.
25.36S	11.83	WCBX	New York City, N.Y.	8am-12 mid.
25.36N	11.83		Moscow, U.S.S.R.	6:10-8:45am, 5:42-11:35pm to C.A.
25.37	11.825	CXA14	Colonia, Uruguay	8-9pm to N.A....News- 8:15pm. *
25.38	11.82	XEBN	Hermosillo, Mexico	3:30-3:45, 4:30-4:55, 9:30-10:50, 11am-2:25, 3-5:30, 6-7:55, 8:05-10pm to NA, 10:05-10:20pm...NEWS- 9:45pm.
25.38	11.82	GSN	London, England	8am-10pm irreg.
25.39N	11.815	JVZ	Tokio, Japan	3:30-4; 4:50-11pm to SA...NEWS- 3:30pm
25.40	11.81	2R04	Rome, Italy	7-9:30, 10-11, 11am-Noon, 4:30-5:30, 6-7 (pm
25.42	11.80	COGF	Matanzas, Cuba	
25.42S	11.80	DJZ	Berlin, Germany	
25.42S	11.80	JZJ	Tokio, Japan	

25.45S	11.79	WRUL-WRUW	Boston, Mass.	2-5pm ex. Sat/Sun; Sat. 1:15-9pm; Sun. 10am-12 noon, 2:30-8pm.
25.47S	11.78		Saigon, F. Indo-China	4:15-4:30, 5-9:45, 10:30-11am to NA, 6:35-7:15pm...NEWS- 5:45, 10:45am. 11am-5:15pm...NEWS- 1:15, 4:15pm.
25.47	11.78	OFE	Lahti, Finland	1:30-2:30am to NA...NEWS- 2am. **
25.48S	11.775	MTCY	Hsinking, Manchukuo	12-1:30, 6-10pm; Sun. 9am-12 noon.....NEWS- 7pm. (6, 8:15, 10:30pm)
25.48	11.775	HP5G	Panama City, Panama	10:40am-4:20, 4:50-11pm to NA...NEWS 10:35-11:30am, 12:15-1:10, 1:15-3:45, 5:30-6, 8:05-10pm to NA, 10:05-10:20pm 1:10-3:45, 9-11:30am, 11:55am-3:45- (2-5:25pm to NA), 5:42-9, 9:45-11:30pm ...NEWS- 3:45, 5:45, 8, 8:45, 11:30pm
25.49S	11.77	DJD	Berlin, Germany	6:30-11pm. * Sun/Thurs 8:30-9pm to NA; Thurs. 8-4:30-5:30pm to NA. (8:30pm)
25.51	11.76	2R015	Rome, Italy	7:30-11pm ex. Sat/Sun.
25.53S	11.75	GSD	London, England	11:30pm-2, 4:55-5am. 5:30-6pm (English) 4pm-1am.
25.55S	11.74	CB1174	Santiago, Chile	4-7:50pm; Sat/Sun 11am-6pm.
25.55	11.74	HVJ	Vatican City,	8-10am ex. Mon...NEWS- 8:50am.
25.57	11.735	LKQ	Oslo, Norway	San Salvador 1-2, 7-9:30pm. * 5:15-7:45pm. *
25.58S	11.73	WRUW-WRUL	Boston, Mass.	1:07-1:30, 1:45-2, 3-4, 4:30-6:30pm. *
25.59	11.725	JVW3	Tokio, Japan	6:30-9pm. *
25.59N	11.724		Moscow, U.S.S.R.	1-4:15 (Sun 3am-4:30pm), 8-9pm to NA.
25.60	11.72	CJRX	Winnipeg, Canada	7-10:40am, 5-10:45pm; Su. 5-10:45pm...
25.60	11.72	ZP14	Villarrica, Paraguay	7-11:30pm approx. * (NEWS- 6:30pm)
25.60	11.72	HSP5	Bangkok, Thailand	5:20-5:40am, 1:50-2:30pm.
25.62	11.71	YSM	San Salvador, El Salvador	5-9am...NEWS- 8:10am. *
25.62N	11.71	WLWO	Cincinnati, Ohio	Late evenings irreg. *
25.62S	11.71	RIA	Moscow, U.S.S.R.	12 noon-11:30pm irreg.
25.62S	11.71	CXA19	Montevideo, Uruguay	6-6:25am (Eng), 6:25-7am, 1-1:30pm.
25.63	11.705	SBP	Motala, Sweden	6:50am-1am. (Tues/Sat 12:45-2:10pm.)
25.64	11.70	HP5A	Panama City, Panama	Mon/Wed 6:45-8:10, 8:45-10:10pm, -
25.64	11.70	CB1170	Santiago, Chile	Paramaribo, Dutch Guiana 6:41-8:15pm irreg.
25.64	11.70	IQY	Rome, Italy	12 noon-3 (Sunto 4:45) to Angola.
25.77	11.64	XGOK	Canton, China	4:30-10:30am, or later, 5:30-9, 10:30pm
25.93	11.57	COCQ	Havana, Cuba	2:30-4pm; Sun. 11am-noon. (-2am)
26.01	11.535	COK	Havana, Cuba	Belize, British Honduras Tu/Th/Sat 1:30-2, 8:30-9pm.
26.09S	11.500		Moscow, U.S.S.R.	4:30-4:45, 5:30-5:45, 6:15-11pm to NA. ...NEWS- 4:30, 5:30, 8:15, 10:30pm.
26.17	11.465	COCY	Havana, Cuba	8:10-9am, 1-3, 6:30-11:30pm.
26.31	11.402	HBO	Geneva, Switzerland	4:50-11pm to SA. (pm-2am.)
26.35	11.383		Paramaribo, Dutch Guiana	4:30-11:30am, or later, 5:30-9, 10:30-9pm.
27.17	11.04	CSW3	Lisbon, Portugal	Rio de Janeiro, Brazil 5:55-7pm ex. Sun; Mon. 8-8:30pm top
27.27S	11.00	PLP	Bandoeng, Java	Leopoldville, Belgian Congo 2-2:50pm. *(NA, Fri. 7-7:30pm.)
27.39C	10.953	CR6RB	Benguela, Angola	Mexico D.F., Mexico 1:30-2, 6:30-7pm ex. Sun. *
28.30	10.60	ZIK2	Belize, British Honduras	Prague, Bohemia 2:40-3:25pm. *
28.45S	10.543	DZD	Berlin, Germany	Dutch Freieitsender Heard 3-4pm very irreg.
28.55C	10.40	YSPA	San Salvador, El Salvador	Port-au-Prince, Haiti 12-3:15, 7-9pm; Sun. 12-2:15, 6-8pm.
29.15	10.29	DZC	Berlin, Germany	4:50-11pm to SA. (pm-2am.)
29.24S	10.26	PMN	Bandoeng, Java	12-1, 3:55-7:30, 7:30-9:30pm, Sat. 1-3pm
29.35S	10.22	PSH	Rio de Janeiro, Brazil	8am-12 mid; Sun. 8am-11pm.
29.59S	10.14	OPM	Leopoldville, Belgian Congo	5:2-5:40am, 1:50-2:30pm.
29.85	10.05	XBHX	Mexico D.F., Mexico	8-10am.
29.88	10.042	DZB	Prague, Bohemia	11:45pm-1:45, 3:30-7, 9-11:30, 11:45am-4pm, Sun. 1:15-1:45, 3:55am-4pm.
30.12V	9.96		Dutch Freieitsender	7am-12 mid. intermittently *
30.35	9.383	HH3W	Port-au-Prince, Haiti	8:05-10pm, 10:05-10:20pm. *
30.43	9.86	EAQ	Madrid, Spain	4-7, 7:05-9pm to N.A. *
30.51	9.835	COCM	Havana, Cuba	7-9am.
30.57V	9.815	IRF	Rome, Italy	Anti-British Station 3:30-4, 4:30-5pm; Sun. 11:30am-Noon.
30.58	9.81	HJAG	Barranquilla, Colombia	5-11am, 2-4:20pm...NEWS- 9am.
30.76S	9.755	ZRO	Durban, So. Africa	CR7BE Lourenco Marques, Mozambique 2-4pm ex. Sun (to 5:25pm ir.)
30.78	9.75	CB970	Valparaiso, Chile	Fort-de-France, Martinique 11:15am-12:45pm, 5:30-8pm.
30.78N	9.75		Rome, Italy	
30.80S	9.74	CSW7	Lisbon, Portugal	
30.83	9.73	HJFK	Pereira, Colombia	
30.85	9.725		Anti-British Station	
30.86S	9.72	XGOA	Chungking, China	
30.86S	9.72	CR7BE	Lourenco Marques, Mozambique	
30.92	9.705		Fort-de-France, Martinique	

10	30.92C	9.705	ZHP1	Singapore, S.S.	4:40-10:10am; Wed/Sat 12:40-1:40am.
	30.95	9.695	JIE3	Tyureki, Taiwan	9:05-10:20am. (Su.5:40-10:10am.)
	30.96	9.69	TI4NRH	Heredia, Costa Rica	Tu/Th/Sat 9-10pm.
	30.96	9.69	GRX	London, England	11:55am-6, 6:20-8, 10:55pm-5am.
	30.96	9.688	LRA1	Buenos Aires, Argen.	10:30am-1, 2:30-3:30, 4-9pm.
	30.98	9.685	TGWA	Guatemala, Guatemala	10-11:30am ex.Sun; 7pm-12 mid.
	30.99	9.68	XEQQ	Mexico D.F., Mexico	8:45am-11:45am.
	30.99S	9.68	EQC	Teheran, Iran	8:45am-11:45am. (NA.)
	30.99S	9.68	VLQ5	Sydney, Australia	7:20-8:05am to Ea.NA, 4:10-5pm to Ea.

### 31 METER BAND

	31.01S	9.675	DJX	Berlin, Germany	12-2:30, 10:40am-4:20pm. *
	31.02	9.67	WRCA	New York City, N.Y.	4pm-1am to S.A.
	31.02S	9.67	KGEI	San Francisco, Calif.	7am-12 noon to Asia. *
	31.03	9.667	2R09	Rome, Italy	1:15-3:45, 5:30-6, 7-7:40pm. *
	31.06S	9.66	LRX	Buenos Aires, Argentina	5:30am-10pm. *
	31.06	9.66	HVJ	Vatican City,	Sun.5-5:30am (French)
	31.08	9.655	VLW4	Perth, W.Australia	11:55am-12:30pm to So.Africa.
	31.09	9.65	12AA	Addis Abeba, I.E.A.	3:30-5:30, 8am-2:30pm.
	31.09	9.65	DJW	Berlin, Germany	12-2:30am, 4:50-11pm to S.A.
	31.09S	9.65	WCBX	New York City, N.Y.	3:55-6pm; Sun.3-6pm, to Europe.
	31.11	9.645	VLW2	Perth, W.Australia	6-10:15am, 12-11:30pm; Sun.7am-12:15,
	31.12	9.64	CXA8	Colonia, Uruguay	5-11pm; Sat. to 12 mid. (1-10:30p
	31.14	9.635	KZRH	Manila, Philippines	5pm-11 am.
	31.14S	9.63-5	2R03	Rome, Italy	1-2:30am, 9:30-10:50am, 1:15-2:50, 3-5:30, 6-7:55, 8:05-10 to NA, 10:05-1020 4-10:30am. (pm..NEWS-9:45
	31.15	9.63	JFO	Taihoku, Taiwan	10am-2, 5:15-11:30pm.
	31.15	9.63	HJCT	Bogota, Colombia	10:30am-12:30, 3:30-10:15pm.
	31.19	9.62	CXA6	Montevideo, Uruguay	7-9:30am, 12-2, 7-11:30pm.
	31.19	9.62	TIPG	San Jose, Costa Rica	9-9:45am to NA...NEWS- 9am.
	31.21F	9.615	XGOY	Chungking, China	11:45pm-1:45am, 3:15-11:45am; Sun.
	31.21	9.615	ZRL	Capetown, So.Africa	1:15-1:45, 3:30-11:45am...NEWS- 1:15a
	31.21S	9.615	VLQ	Sydney, Australia	2-2:30, 3:25-4, 6:40-7:15, 11:55am-1230
	31.22	9.605	HP5J	Panama City, Panama	7-8am, 12-1:30, 6:30-10:30pm. (pm
	31.25S	9.60	RAN	Moscow, U.S.S.R.	1-1:30, 5-6:30, 7-8 (Eng), 8-8:20 (Fr) 8:20-9 (Span), 9-9:30 (Ital), 9:30-10-10 pm (Eng.) to NA...NEWS- 7, 9:30pm.
	31.25	9.60	GRY	London, England	2:30-5:25pm to East Africa. *
	31.28S	9.59	WLWO	Cincinnati, Ohio	8pm-1am *
	31.28S	9.59	VUD3	Delhi, India	1:30-3:30, 6:30am-12:30pm.
	31.32S	9.59	VLR	Melbourne, Australia	3:30-8:30am.
	31.32	9.58	GSC	London, England	1:10-5:15am to NA, 11:55am-1:40, 2:15-5:25, 5:42-11:35pm to NA, 12:15-1am... NEWS- 1:15, 3:30am, 5:45, 8, 8:45, 5:30pm- 10:30am. (11:30pm
	31.35	9.57	KZRM	Manila, Philippines	2:30-4am.
	31.35N	9.57	VUM2	Madras, India	Will be on air again soon.
	31.35	9.57	WBOS	Boston, Mass.	11am-4, 4:30-9:30pm.
	31.35	9.57	CXA2	Montevideo, Uruguay	11:30am-1:30pm.
	31.37	9.562	OAX4T	Lima, Peru	12-2:30am, 9am-10:50pm.
	31.38	9.56	DJA	Berlin, Germany	7:55am- 12 mid.
	31.38	9.555	XETA	Monterrey, Mexico	4:30-10:30am, 6-9, 10:30pm-2am.
	31.40	9.55	YDB	Soerabaya, Java	2-4am.
	31.40S	9.55	VUB2	Bombay, India	6:15-9:15pm to Latin America.
	31.41	9.55	WGEA	Schenectady, N.Y.	8am-12 mid.
	31.41	9.55	XEFT	Veracruz, Mexico	9:30-10:30am, 4-4:50pm...NEWS-10am.
	31.43S	9.545	MTCY	Hsinking, Manchukuo	12-1:30am to NA, 2-3, 7-9:30, 10-11am,
	31.47S	9.535	JZI	Tokio, Japan	4:30-5pm. (2-4pm...NEWS-12:03am
	31.47	9.535	SBU	Motala, Sweden	12-12:30, 3:50-5:15am...NEWS- 4:20am.
	31.47S	9.535	VPD2	Suva, Fiji's	3pm-12 mid.
	31.48	9.53	WGEO	Schenectady, N.Y.	12 mid.-3am to Asia. *
	31.48S	9.53	KGEI	San Francisco, Calif.	12-1, 2-4am.
	31.48	9.528	VUC2	Calcutta, India	5-10am, 11:30pm-1:15am...NEWS- 8am.
	31.50S	9.525	ZBW3	Hongkong, Hongkong	4:50-11pm to NA (Not heard recently)
	31.50	9.52	Y	Paris, France	1:30-2:30, 3-3:30, 4-6, 7-8 (Eng), 8-8:20 (Fr), 8:20-9 (Span), 9-9:30 (Ital)
	31.50S	9.52	RV98	Moscow, U.S.S.R.	9:30-10 (Eng), 11-11:30pm (Span) to NA ...NEWS- 7pm, 9:30pm.

31.55	9.510	GSB	London, England	1:10-3:45, 9-11:30, 11:55am-6, 6:20-11:35pm...NEWS- 5:45, 8, 8:45, 11:30pm.
31.57	9.505	CP38	La Paz, Bolivia	Nightly to 11:30pm.
31.57	9.505	JLG2	Tokio, Japan	2-4pm irreg.
31.57	9.502	KZIB	Manila, Philippines	4-10am; 1-2:40am ex. Fri/Sat.
31.57	9.502	XEWW	Mexico D.F., Mexico	7:45am-1:45am.
31.58	9.500	OFD	Lahti, Finland	6:15-7:15pm...NEWS- 6:15pm.
31.58N	9.500	XGOY	Chungking, China	2-4:20pm to Asia. *
31.63	9.485	CXA5	Montevideo, Uruguay	7-8:20pm irreg.
31.67	9.475	VONG	St. John's, Newfoundland	11:30am-3pm. *
31.70S	9.465	TAP	Ankara, Turkey	11am-5:15pm, and irreg. near 7pm. *
31.77	9.445	HCODA	Guayaquil, Ecuador	8:15-10:15pm ex. Sundays.
31.80F	9.435	COCH	Havana, Cuba	6:40am-12 mid. *
31.83J	9.425	OAX5C	Ica, Peru	7-11pm. *
31.90V	9.405	FGA	Dakar, Senegal, Fr. West Africa	3:25-4:20pm approx.

32.05	9.36	COBC	Havana, Cuba	7am-12 mid; Sun. 7am-10:30pm.
32.07	9.355	HCETC	Quito, Ecuador	7:45-10:15pm; Sun. 3-5pm.
32.11	9.345	HLB	Geneva, Switzerland	Relays network pickups from Balkans.
32.19	9.34	OAX4J	Lima, Peru	8-9am, 12-3, 6pm-12 mid.
32.26N	9.300		China	8-9:45am irreg. *
32.28V	9.295	HI2G	Trujillo City, D.R.	7:10-8:40, 11:40am-2:10, 7:10-9:40pm.
32.31	9.285	HC2AK	Guayaquil, Ecuador	7-11pm.
32.61	9.20	COCX	Havana, Cuba	8am-12 mid.
32.64	9.19	HC2ET	Guayaquil, Ecuador	8am-12:30am, Sun. 8:30-10:30pm.
32.72S	9.17	HC1GQ	Quito, Ecuador	Nightly to 11pm. (Approx
32.88S	9.125	HAT4	Budapest, Hungary	6-7:20, 7:20-9pm to NA...NEWS-7:45pm-11am-1, 7-11pm.
32.97J	9.10	HC2CW	Guayaquil, Ecuador	7:45am-12mid.; Sun. 7:45am-1am.
33.22	9.03	COBZ	Havana, Cuba	11:30am-12 noon (German)
33.30N	9.01		Moscow, U.S.S.R.	6:42am-12 mid. irreg.
33.48	8.96	COKG	Santiago, Cuba	6:00am-1:00am.
33.90V	8.85	COCQ	Havana, Cuba	7:30am-12 mid.
34.48	8.70	COCO	Havana, Cuba	11:30am-12:30, 3:30-7, 8-8:30pm.
34.62	8.665	COJK	Camaguey, Cuba	8-9:45am irreg. *
35.03N	8.565		China	5:30-11:10am, 4-5:40pm.
35.36F	8.484	XPSA	Kweichow, China	Relays CMHJ irreg. *
35.65N	8.415	CMYI	Cienfuegos, Cuba	5-7am irreg.
37.27	8.05	XOJD	Canton, China	7-10:30pm.
38.00	7.894	YSD	San Salvador, El Salvador	8:30-11:30pm. (to American nets.
38.12	7.87	HC1RB	Quito, Ecuador	12:30-3:30pm (Arabic) and for relays
38.15	7.865	SUX	Cairo, Egypt	11am-2, 4-11pm.
38.20	7.854	HC2JSB	Guayaquil, Ecuador	6:30-8am (Su. 6:30-8:30am.)
38.25	7.85	ZAA	Tirana, Albania	12:15-1pm.
38.98	7.695	COLB	Belen, Cuba	8:30-9:30am ex. Sundays.
39.16	7.66	YNDG	Leon, Nicaragua	1:35-2, 2:30-3:30, 4:30-5, 5:30-6pm.
39.76S	7.545		Moscow, U.S.S.R.	7-8pm.
40.05	7.49	EAJ43	Tenerife, Canarias	6-7pm...NEWS- 6:30pm. *
40.30	7.445	FG8AH	Pointe-a-Pitre, Guadeloupe	

41 METER BAND

41.13	7.295	JIE	Tyureki, Taiwan	9:05-10:20am.
41.15	7.29	DJI	Berlin, Germany	5-5:30pm (English)
41.15N	7.29	VUD2	Delhi, India	9-11pm. *
41.19	7.285	YN1LP	Managua, Nicaragua	Sundays 10-11am.
41.19	7.285	JLG	Tokio, Japan	2-4pm irreg.
41.27N	7.27	VUM2	Madras, India	9-10:30pm. *
41.27N	7.27	DXM	Berlin, Germany	3:30-4, 4:30-5:30pm...NEWS-3:30, 4:30p
41.32	7.26	TG5JB	Guatemala, Guatemala	Nightly to 11pm.
41.34	7.257	JVW	Tokio, Japan	2-4pm irreg.
41.38	7.25	YDA	Bandoeng, Java	10:30pm-2am; Sat. 7:30pm-2am.
41.38	7.25	VLQ9	Sydney, Australia	5:55-6:30am (French) to New Caledonia
41.38N	7.25	ZHP3	Signapore, S.S.	4:40-9:40am. *
41.44	7.24	DXJ	Berlin, Germany	8-8:15; 8:15-8:30pm (English)
41.44N	7.24	VUB2	Bombay, India	9-11pm. *
41.55	7.22	YDX	Medan, Sumatra	6-10:30am; 10:30pm-2am. *
41.55	7.22	EAJ9	Malaga, Spain	4-6pm irreg.
41.55	7.22	2R011	Rome, Italy	3-6pm...NEWS - 3:30, 5:30pm.
41.61N	7.21	VUC2	Calcutta, India	10-11pm. *
42.24	7.10	FO8AA	Papeete, Tahiti	Tues/Fri 11pm-12:15am. *

42.96	6.985	VQF	Kuching, Sarawak	Fridays at 7:10pm.
42.98N	6.98		Tokio, Japan	8-10am irreg.
43.73	6.86	YNOF	Managua, Nicaragua	8-9:30pm; Sun. 2-3pm.
43.80	6.85	YNOW	Managua, Nicaragua	7-10pm.
44.09	6.805	HIH	San Pedro, D.R.	7-8pm; Su. 5:20-6:40pm
44.18	6.79	PZH	Paramaribo, D. Guiana	Tues/Fri 5:40-8:40pm; Su. 8:40-10:40am; 1st & 3rd Thurs 6:40-8:40pm.
44.38	6.76	YNRS	Managua, Nicaragua	6:40-10:40pm.
44.44N	6.75		Moscow, U.S.S.R.	8-9:30am irreg.
44.64	6.72	PMH	Bandoeng, Java	4:30-11am; Sun. 8:30pm-1:30am.
44.81	6.696	TIEP	San Jose, C.R.	7pm-12 mid.

## 49 METER BAND

44.95N	6.675	HBQ	Geneva, Switzerland	Relays American network pickups from
45.22	6.635	HC2RL	Guayaquil, Ecuador	Su. 5:45-7:45, Tu. 9:15-11:15pm (Balkans)
45.25	6.63	HIT	Trujillo City, D.R.	12:10-1:40, 4:40-8:40pm.
45.39	6.61	YNLG	Managua, Nicaragua	1:30-2:30, 6-10:15pm.
45.63	6.575	YSPB	San Salvador, El Salvador	Nightly to 11:58pm.
45.70	6.565	HI5P	Puerto Plata, D.R.	5:40-7:40, 9:40-11:40pm.
45.87	6.54	YN1GG	Managua, Nicaragua	1-2:30, 8-10pm ex. Sundays.
46.15	6.50	HIL	Trujillo City, D.R.	12:30-2, 6-8pm ex. Sun.
46.26	6.485	HI1S	Santiago, d.l.c., D.R.	5:30-7:30pm ex. Sundays.
46.30	6.48		Noumea, New Caledonia	3:30-4, 7:30-8pm.
46.41	6.465	TGWB	Guatemala, Guatemala	7:45, 9, 12:45-3:45, 7:30pm-12:15am, Sun. 10:30am-5:15, 7pm-12 mid.
46.48	6.455	COHI	Santa Clara, Cuba	6:42am-12:15am.
46.66	6.43	HI1S	Santiago, D.R.	5:40-9:10pm ex. Sundays.
46.88	6.40	TGQA	Quezaltenango, Guatemala	8-11pm; Sat. 8pm-1am, Sun. 7pm-3am.
46.92	6.395	HI9B	Santiago, D.R.	7:40-8:40pm.
46.95	6.39	COX4	Havana, Cuba	7-11pm.
46.99	6.384	ZIZ	Basseterre, St. Kitts	4-4:45, Wed. 7-7:30pm.
47.06V	6.375	TIWS	Puntarenas, C.R.	4-11pm; Sun. 2-8pm.
47.14S	6.365	COQC	Havana, Cuba	6:00am-1:00am.
47.20	6.355	IAC	Rome, Italy	3-3:25pm.
47.26	6.348	HRP1	San Pedro Sula, Honduras	6-7:30am, 6-10:30pm.
47.32	6.34	HIX	Trujillo City, D.R.	8:10-10:10pm; Sun. 7:40-9:40am.
47.36	6.335	OAX1A	Chiclayo, Peru	7:30-11:30pm.
47.39	6.33	COCW	Havana, Cuba	7:55am-12:15am; Sun. 9:55am-12:05am.
47.50	6.316	HIZ	Trujillo City, D.R.	11:40am-12:40pm, 5:10-7:40pm.
47.69	6.29	HI1G	Trujillo City, D.R.	7:10-8:40, 11:40am-2:10, 3:40-9:40pm.
47.96	6.255	CP12	La Paz, Bolivia	7-9pm.
48.04	6.245	HI1N	Trujillo City, D.R.	11:40am-1:40, 7:10-10:10pm.
48.11	6.235	HRD	La Ceiba, Honduras	8-11pm; Sun. 4-6pm.
48.31V	6.21		Saigon, F. Indo-China	5:30-9:30, 10-11am, 6:35-7:15, 8-8:45pm
48.39N	6.20		Lisbon, Portugal	4-7pm.
48.39	6.20	CP5	La Paz, Bolivia	6:15-8am, 6:30-11pm.
48.39	6.20	TG2	Guatemala, Guatemala	7:30-10am, 6-11:30pm, Sat. 6pm-3am, Sun.
48.47	6.19	HI1A	Santiago, D.R.	6:40-9:40pm. (3-8:00pm.)
48.47	6.19	EIRE	Athlone, Ireland	3:45-5:10pm...NEWS- 4:15pm.
48.47N	6.19	JLT	Tokio, Japan	Testing 3:30-4am.
48.47	6.19	HVJ	Vatican City, -	2-3pm, or later, ex. Sundays.
48.47S	6.19	WGEA	Schenectady, N.Y.	10-11pm (Sat. to 11:30pm).
48.47S	6.19	OAX4G	Lima, Peru	6pm-12:30am (to 2am Sun.)
48.51	6.185	TIRCC	San Jose, C.R.	Tu/Th/Sat 6-7pm; Sun. 8-10pm.
48.54	6.18	LRA2	Buenos Aires, Argen.	6-9pm; Sat/Sun 7-9pm.
48.54N	6.18	VLW5	Perth, W. Australia	11:55am 12:30pm to So. Africa
48.54	6.18	XEXA	Mexico D.F., Mexico	8-11am, 2:30-4, 7:30pm-12:30am.
48.66S	6.165		Schwarzenburg, Switzerland	1:30-4:30pm...NEWS-6, 7:45am.*
48.70	6.16	HJCD	Bogota, Colombia	4-11pm.
48.74	6.155	EQB	Teheran, Iran	12 noon-3pm.
48.78	6.15	HI3C	La Romana, D.R.	4:55-6 or 8pm.
48.81S	6.147	ZRD	Durban, So. Africa	11:45pm-4am.
48.82	6.145	HJDE	Medellin, Colombia	9:30am-5, 5-11:30pm.
48.82S	6.145	GRW	London, England	1-2:30am, 2-6:20pm...NEWS- 6pm.
48.86	6.14	KZRF	Manila, Philippines	4:30pm-11am; Sun. 6pm-11am.
48.88S	6.137	CR7AA	Lourenco Marques, Mozambique	12 mid-1, 4:30-7am, 12 noon-4pm, Sun. 4:30-7, 10am-2pm.
48.90S	6.135	FK8AA	Noumea, New Caledonia	2:30-3:30am.
48.93	6.132	COCD	Havana, Cuba	9am-10:30pm; Sun. 5:30-8pm.

48.93	6.132	CHNX	Halifax, N.S., Canada	7am-11:15pm; Sat. 8am-11:30pm.	
49.00	6.122	HP5H	Panama City, Panama	6-10:30pm; to mid. irreg.	
49.02	6.12	WCBX	New York City, N.Y.	11:30pm-1am.	
49.04	6.117	XEUZ	Mexico D.F., Mexico	9am-1, 7pm-2am.	
49.08S	6.115	HI6H	Trujillo City, D.R.	9:40am-5:40pm, Sat. to 8:40pm.	
49.10N	6.11		Moscow, U.S.S.R.	12:30-4am irreg.	*
49.10	6.11	GSL	London, England	5:10-8:45, 11:55am-6, 9:30-11:35pm to NA...NEWS- 5:45, 11:30pm.	
49.14	6.105	KZRC	Cebu, Philippines	4-9am, 5-7, 11pm-12 mid. & irreg.	
49.16V	6.101	XOJD	Hankow, China	8-8:45, or 9am.	*
49.18	6.100	HJFB	Manizales, Colombia	5:30-10pm ex. Sun.	
49.18S	6.100	YUA	Belgrade, Yugoslavia	12:45-1:45, 3:50-8:40am.	*
49.18S	6.100	YUB	Belgrade, Yugoslavia	1-4:40pm...NEWS- 4:15pm.	*
49.20	6.097	ZRK	Capetown, So. Africa	12 noon-3:50pm.	
49.23	6.094	ZHJ	Penang, S.S.	5:40-8:40am ex. Sun.	(am
49.25	6.090	ZNS2	Nassau, Bahamas	8-9am, 1:30-2, 6:30-11pm...NEWS-8:15	
49.25	6.090	XEBF	Jalapa, Mexico	To 9:30pm.	
49.32	6.083	VQ7LO	Nairobi, Kenya	5:45-6:15am, 12-3pm.	
49.33	6.082	OAX4Z	Lima, Peru	7pm-1:30am.	
49.34S	6.080	CRY9	Macao, Macao	Mondays 7-10am.	
49.34	6.080	CKFX	Vancouver, B.C., Canada	9:30am-3am (Sun to 4:30am)	*
49.42	6.070	CFRX	Toronto, Canada	6:45am-12:30am; Sun. 10am-11pm.	
49.46	6.065	SBO	Motala, Sweden	4:15-5pm.	
49.50S	6.06	WCAB	Philadelphia, Pa.	6:15-7 to Europe, 7:05-9pm to S.A., 9:15pm-1am to Europe, ex. Sat/Sun; Sat. 5:15pm-1am to Europe; Sun. 4:45pm-1am	
49.50F	6.06	KZIB	Manila, Philippines	4-10am; 1-2:40am ex. Fri/Sat.	
49.55	6.054	HJFA	Pereira, Colombia	9am-noon, 6:30-11pm	
49.56	6.05	GSA	London, England	10:55pm-5, 5:40-11:30, 11:55am-6, 6:20-7-9pm.	(8pm
49.56	6.05	HP5F	Colon, Panama	7-9pm.	
49.63	6.045	XETW	Tampico, Mexico	7pm-1am.	(2:30-8pm
49.66S	6.04	WRUL	Boston, Mass.	6-11pm ex. Sat/Sun, Sat. 6-9pm, Sun.-	
49.73	6.03	HP5B	Panama City, Panama	10:30am-2, 6-10pm.	
49.75	6.03	CFVP	Calgary, Alta., Canada	10am-2am.	
49.75	6.03	XEKW	Morelia, Mexico	8am-1, 5-11:40pm.	
49.81	6.023	XEUW	Veracruz, Mexico	10pm-1am (NEWS- 10:30pm, 12 md	
49.83S	6.02	DJC	Berlin, Germany	11:30am-4:20pm, 9:15pm-1am to NA....	
49.83	6.02	HI3U	Santiago, D.R.	7:10-8:55, 11:40am-1:40, 4:40-6:40pm.	
49.85	6.018	HJCX	Bogota, Colombia	7-8, 10:30am-2, 5:30-11:30pm.	
49.92	6.01	CJCX	Sydney, Nova Scotia	7am-1:30, 8-11:30pm.	
49.94S	6.007	XYZ	Rangoon, Burma	6:30am-10, 9-11pm, Sat. 9:30-11:30pm.	
49.94S	6.007	ZRH	Johannesburg, So. Africa	10:30am-4pm.	
49.96	6.005	CFCX	Montreal, Canada	8am-1am, Sun. 9am-11:15pm.	
49.96	6.005	XEBT	Mexico D.F., Mexico	10am-1:45am...NEWS-12:20am.	
50.12C	5.985	TI7RVM	Guanacaste, C.R.	Broadcasts to 10pm.	*
50.21N	5.975	HCQR	Quito, Ecuador	Heard evenings.	*
50.25	5.97	HI1J	San Pedro, D.R.	11:40am-1:40, 6:10-8:40pm.	
50.25C	5.97	VONH	St. John's, Newfoundland	4:30-9:30pm ex. Sundays.	*
50.42J	5.95	HH2S	Port-au-Prince, Haiti	6:30-10pm.	
50.51	5.94	OAX2A	Trujillo, Peru	Tues/Wed/Sat/Sun 7-10pm.	
50.54	5.936	PJ1C	Curacao, D.W.I.	6:36-8:36pm.	
50.72F	5.915	TIGPH/TIX	San Jose, C.R.	7:10-8am, 7-10, 10pm-12 mid.	*
51.07	5.875	HRN	Tegucigalpa, Honduras	6-11pm; Sun. 6-9:30pm.	
52.26	5.74	YNJAT	Leon, Nicaragua	7-10:20pm.	
52.63N	5.70		Moscow, U.S.S.R.	12:30-5am.	*
52.40	5.725	HCLPM	Quito, Ecuador	Mon/Tues/Thurs/Sat 8-10pm.	
54.00N	5.556	HUB	San Salvador, El Salvador	1-2, 8:30-10:30pm, with YSD	*
58.31	5.14	PMY	Bandoeng, Java	5:30am-12 noon.	

## 60 METER BAND

60.48S	4.96	VU2E	Delhi, India	6:30am-12:30pm.	
60.67	4.945	HJCW	Bogota, Colombia	7-8am, 7:30-11pm (Sat. to 11:40pm)	
60.92	4.925	HJAP	Catagena, Colombia	9am-1:30, 7-10:15pm ex. Sundays.	
60.98	4.92	YV5RN	Caracas, Venezuela	4-7:30pm; Sun. 3:30-7pm.	*
60.98	4.92	VUM2	Madras, India	5:30am- 12 noon.	
61.16	4.905	HJAG	Barranquilla, Colombia	11am-11pm; Sun. 11am-8pm.	

List cont. on page 16.

# AMA-TOURING

**Editor in Chief**  
**Roger Legge,**  
 20 Beethoven St.  
 Binghamton, N. Y.  
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Devised exclusively  
 to reception on the  
 amateur bands.

**Subscription:** To the  
**Globe Circler** including  
**AMA-TOURING** De-  
 partment, \$1.50 per  
 year.

This section is for dx'ers interested in reception on the amateur bands. Amateurs listed under each country are those being heard at present. Best hours for reception are given by continent, country or station.

**REPORTS FOR AMA-TOURING:** We invite readers to submit items for publication. Reports must reach ROGER LEGGE, on or before Dec. 11, for the JANUARY issue, and on, or before Jan. 11, for the FEBRUARY issue, and should be compiled as follows: Double space items and lines; divide items by continents and countries; give frequency and hour heard. Send new or changed QRA's, descriptions of interesting QSL cards and any other items of general interest.

## AMATEUR 20 METER PHONE BAND

(14,000-14,400 Mcs.)

(E.S.T.)

**NORTH AMERICA**

(E.S.T.)

ALASKA K7CBF (14.23) at 11 p.m. (RW). K7HAR sent

white card with large red call letters outlined in blk.

ALEUTIAN ISLANDS W6EXE/K7 qsl'd from his home in Oak-

land, Calif. He mentioned that 75 & 160 meters were better than 20 meters in Alaska, but due to time difference between U.S. and his K7 qth, qso's were difficult to get (Wells).

COSTA RICA TI2FS (14.14), TI2RF (14.07), TI4JG (14.11) (Kriebel)

GUANTANAMO BAY NY4AB (14.15) is back on the air -- heard evenings.

LABRADOR VO6B is now in Canada on leave; will return to Labrador next summer.

Present address is 299 Queen St., W., Toronto (Kriebel)

SALVADOR YS1JR, 20 watts, verified promptly with card with blue call on outline map of Salvador. He states that the YS's are off the air at present since the gov't. is establishing new radio laws. They expect to be on the air again soon (RL).

SWAN ISLAND KD4GYM (14.23) heard around 7 a.m. and evenings. Has sked with W9CSI at 5 p.m. A ship stops at the island once a month, staying only a few hours. On Oct. 2nd the monthly ship arrived with several hundred SWL reports. He expected to receive his QSL cards about the middle of November. QRA is U.S. Weather Bureau, Swan Island, via New Orleans (W2IXY, Wells).

## SOUTH AMERICA

ARGENTINA LU2CX (14.27), LU6AJ (14.05), LU7AW (14.05) (Waite). LU7DJM sends an attractive card with colored drawing of an Indian riding an ostrich - call is yellow and black. LT2AB (14.30) heard at 7:30 p.m. with weak signal. LT3AB is being worked by LU's. Does anyone know their qra's?

BOLIVIA CP6XF (300 watts) sent photographic card with large black call on a map of Bolivia (Kriebel)

BRAZIL PY5CH (14.12), PY7AT (14.14), PY7BD (14.13) (Kriebel)

CHILE CE3BG (14.03), CE3CE (14.02), CE3CT (14.03), CE3FC (14.01)

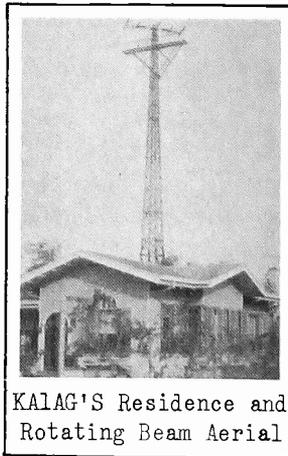
COLOMBIA HK1AL (14.05), HK4DA (14.04) (Waite). HK6FD, Ibague, verified by letter and postcards as he has no qsl's. He is off the air now since he sold his amplifier (Kriebel)

PERU OA3BV (14.08), OA4C (14.08), OA4R (14.05), (Waite, Kriebel)

URUGUAY CX1AH (14.02), CX2CO (14.06), CX3AD (14.14), CX4AH (14.13)

## ASIA AND OCEANIA

CHOSEN J8CI (14.07) (14.08) transmitted for Ama-Touring, Saturdays and Sundays during November at 8 a.m., also on 28.14 or 28.16 at 8 p.m. and midnight (Yoshimura). The news of these transmissions unfortunately arrived too late



KALAG'S Residence and  
 Rotating Beam Aerial

for inclusion in the November issue. It is hoped that arrangements can be made for a series of transmissions next Spring.

JAPAN J2XA (14.08), J3CX (14.125), J6DV (14.25) heard 2-4 a.m. (Yoshimura) J2NF, 600 watts, qsl'd after 7 months. Card is modernistic with white call, blue and white globe in left corner against yellow background. He worked 113 W's on fone during the ARRL DX Contest. He is 20 years old, is preparing to enter college, so is now off air. Will be on again next spring. Has had amateur license since 1936. He writes "J7CB has no cards and will not answer any amateur or SWL. He is a good and honest middle-aged man but will not issue any card or verification. I don't know why, but at any rate it is hopeless to get a card from him." (Wells). J7CB is chief engineer of Sapporo broadcasting station JOIK (Yoshimura).

JARVIS ISLAND KF6JEG (14.18) at 11:30 p.m. (Breen, RL)

KWANTUNG J8PJ (14.05)(14.265) is very active, usually is on the air 2-4 a.m. 8-10 a.m. and 8-10 p.m. He is a young physician serving at the South Manchuria Ry. Hospital. During Oct. and Nov. he transmitted for Ama-Touring regularly at 8 a.m. on 14.05 mcs. (Yoshimura).

MANCHUKUO In reply to request for a transmission for Ama-Touring readers MX3H replied that he is doing special duties at the front so is off the air at present. He expects the 2nd op. will be able to transmit on CW during his absence. He will write again if he is able to arrange a transmission after his return to Hsinking (Yoshimura)

PHILIPPINES Heard 6-10 a.m. -- KALAC (14.09), KALAR (14.25), KALCD (14.09), KAYHB (14.30) (Wells, Waite, Yoshimura). KALSM, 500 watts input, sent white card with red call (Kriebel). KALHQ qsl'd, writing "Sorry for the delay but I just got home from China. I was operating on 14.08 mcs. with 50 watts. The antenna is a rhombic, 460 ft. per leg, directed at San Francisco. The equipment was loaned for five months to the 57th Infantry. Soon I expect to be on the air as KALCC, using the same xmtr. and maybe a 3 element rotary beam. The hold up now is renting a house suitable for the work. I'll be located in Manila just 10 miles from Fort McKinley". QRA is Clark W. Cox, Rmlc, U.S.N., U.S.S. Black Hawk, C/o Postmaster, San Francisco, Calif. (Waite).

ANTARCTICA KC4USA (14.255) and KC4USB (14.25, 14.28) continue to be heard evenings with fair to good signals. The East Base is on a small rocky island about 2000 ft. long, just off the end of the Palmer Peninsula, with the mountains of the peninsula in the background. There are 26 men at the base. KC4USB QSL CARDS, to be sent out next year, will show photos of the base, the radio station and the operators (RL).

#### AMATEUR 40 METER PHONE BAND

Heard 6 to 12 P.M. -- TI2FC (7.07), TI2RT (7.24), TI3RC (7.26), TI4JG (7.26), TI4RG (7.25), TI6HP (7.18), TI8MU (7.08), YNSAT (7.01), XE3BS (7.11), XE3I (7.01), XE3X (7.30), CO6ML (7.02), CO6PZ (7.06), HK3CD (7.18), HK5EZ (7.00), YV5ABY (7.02) (Kriebel, Waite, RL). TI4JSL (7.09) and TI7HT (7.08) have daily schedule at 6 p.m. QSL's- TI2VH- hand painted card with orange and black call, Donald Duck calling CQ. TI4JSL- light grey call on ivory card. TI7HT- salmon & brown call on salmon card (Kriebel).

#### AMATEUR 10 METER PHONE BAND

Heard 2 to 7 p.m. --- K6BAZ (28.64), K6KRG (28.8), K6MXM (28.65), K6OQE (28.5), K6OQM (28.9), K6PIR (29.2), K6RUA (28.6), K6RVG (29.1), K6SHG (28.6), K6SRZ (28.8), K6SWV (29.1), K6SYM (28.64) (RL, Waite).

#### NEW ORA's

LU2AS - Federico Tallaferrero, Las Heras 1975, Buenos Aires, Argentina.  
J8PJ - Motoko Murayama, 25 Shiragiji-Cho, Dairen, Kwantung.  
TI2AM - Arnoldo Vargas V., Calle la Ave. 6/8, San Jose, Costa Rica.  
TI2FC - Florentino Castro, La Uruca, Costa Rica.  
TI2GG - Ceslao Saborio Lopez, San Jose, Costa Rica.  
TI5MAH - Manuel Angel Herrera Arias, Alajuela, Costa Rica.  
TI8JH - Jorge Herrera Sanchez, Puntarenas, Costa Rica.  
YSLAM - Antonio Meardi, 9a Ave. Norte No.17, San Salvador, El Salvador.

#### JOTTINGS

Chas. Calley, K6DHW, ex-KF6DHW, is now working for Oceanic Radio Supply, 816 Fort St., Honolulu. He originally answered, with the aid of a secretary, 2000 of nearly 3000 reports and QSLs received as result of his Canton Island transmis-

missions, then gave it up as too much of a job. It is probable that a report to him now will be answered. K6NYD is now ex-K6, but another ham has bought his beam and moved into his house, and is now using a 600 watts Collins xmtr. W6FSF/K6 (28.9) may be addressed c/o RCA Communications, Honolulu. W3FYG/K6 is now news editor at KTOH. QRA is J.R. Lauder Milch, c/o KTOH, Box 1748, Lihue, Hawaii. Joe Orrick, brother of K6RVG, is K6TAI on 10 & 160 meters with 250 watts (K6RRA) ... HI's are not allowed to contact any foreign stations at present. SU2TW is now in Canada. KB6ILT is in Chicago at present. Reports for KF6SJJ should be sent to WLKRV, since he will return home soon. He is on 14.30 mc. CW with 75 w. xmtr.; qsl'd with card with large blue call on red band (Wells, QST).

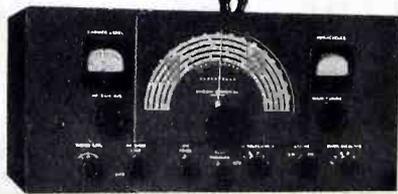
(Short-Wave Station List cont. from page 13)

61.29	4.895	HJCH	Bogota, Colombia	11:30am-2, 6-11pm.
61.35	4.89	YV5RM	Caracas, Venezuela	4-10:30pm; Sun. 8:30-11:30am, 3:30-8pm
61.42	4.885	HJDP	Medellin, Colombia	8am-2, 6-11pm.
61.48S	4.88	VUB2	Bombay, India	6:30am- 12 noon.
61.54	4.875	HJ6FAH	Armenia, Colombia	8-11am, 6-10:30pm.
61.66	4.865	HJFK	Pereira, Colombia	6:05-10:30pm.
61.73F	4.86	YV5RU	Caracas, Venezuela	5-9:30pm; Sun. to 10:30pm.
61.98	4.84	VUC2	Calcutta, India	6:30am- 12 noon.
61.98F	4.84	YV1RZ	Valera, Venezuela	11:30am-1, 5:45-8:45pm.
62.05	4.835	HJAE	Cartagena, Colombia	7am-6, 7-10:30pm.
62.11F	4.83	YV2RN	San Cristobal, Venezuela	11:30am-12:30, 6-9pm ex. Sun.
62.17	4.825	HJED	Cali, Colombia	7-11pm ex. Sundays.
62.31	4.815	HJBB	Cucuta, Colombia	Signs-off at 11pm.
62.33F	4.81	YV1RL	Maracaibo, Venezuela	11am-1, 4:30-10:30pm.
62.44N	4.805	HJDU	Medellin, Colombia	6-8:30pm irreg.
62.57	4.795	HJDX	Medellin, Colombia	5-10:35pm.
62.63F	4.79	YV6RU	Ciudad Bolivar, Venezuela	5:30-9:30pm.
62.70S	4.785	HJAB	Barranquilla, Colombia	5-10:30pm.
62.76F	4.78	YV3RN	Barquisimeto, Venezuela	11:30am-1:30, 5:30-9:30pm.
62.83	4.775	HJGB	Bucaramanga, Colombia	6-10pm.
62.89F	4.77	YV1RY	Coro, Venezuela	6:30-10pm ex. Sundays.
63.03F	4.76	YV4RO	Valencia, Venezuela	11am-2, 5-10pm.
63.10	4.755	HJEH	Buenaventura, Colombia	5-10:30pm.
63.16	4.75	ZQL	Kingston, Jamaica	Fridays 5:30-6:30pm.
63.16F	4.75	YV1RV	Maracaibo, Venezuela	10:45am-12:45, 4:30-10:30pm.

70.14	4.273	RV15	Khabarovsk, U.S.S.R.	4-10am.
73.05S	4.107	HCJB2	Quito, Ecuador	7-8:15am, 11:30am-2:30, 6-10pm.

**85 METER BAND**

85.70S	3.50	YV5RV	La Guaira, Venezuela	Nightly to 9:30pm.
86.00F	3.49	YV3RF	Acarigua, Venezuela	Nightly to 10:30pm.
86.00	3.49	CR7AB	Lourenco Marques, Mozambique	12 mid-1, 4:30-7am, 12 noon-4pm; Sun. 4:30-7.10am-2pm
86.20F	3.48	YV4RQ	Puerto Cabello, Venezuela	5-9pm.
87.00S	3.45	YV6RZ	Barcelona, Venezuela	5-9pm.
88.20F	3.40	YV5RW	Caracas, Venezuela	Nightly to 10:30pm.
88.50F	3.39	YV3RX	Barquisimeto, Venezuela	10am-10pm.
88.80F	3.38	YV5RY	Caracas, Venezuela	5-10:30pm.
89.30F	3.36	YV1RT	Maracaibo, Venezuela	5:30-10:30pm.
89.50F	3.355	YV1RO	Trujillo, Venezuela	7-10pm.
89.60F	3.35	YV5RS	Caracas, Venezuela	4:30-9:30pm.
99.00	3.04	YDA	Bandoeng, Java	Schedule unknown.
129.3	2.32	TGWC	Guatemala City, Guatemala	8-9am, 12:45-3:45, 5:15-12:15am, Sun. 9am-5:15pm.



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