

THE GLOBE CIRCLER

AND AMA-TOURING

COMPLETE GUIDE-BOOK FOR SHORT-WAVE LISTENERS



RADIO CITY HEADQUARTERS OF NBC'S INTERNATIONAL DIVISION WHERE WARTIME SHORTWAVE BROADCASTS ARE BEING PREPARED.

WAR NEWS IN ENGLISH

(Daily E.S.T.)

7:30 a.m.	Melbourne	VLG2	9.54	6:00 p.m.	Tokyo	JLG4	15.105
8:00 a.m.	London	GSF	15.14	6:00 p.m.	Berlin	Y	9.52
8:30 a.m.	Berlin	DJB	15.20	6:30 p.m.	Moscow		15.23
9:30 a.m.	Perth	VLW2	9.65	8:00 p.m.	London	GSC	9.58
10:30 a.m.	Melbourne	VLG	9.58	8:15 p.m.	Berlin	DXJ	7.24
10:45 a.m.	Saigon		11.78	9:00 p.m.	Rome	2RO18	9.76
11:00 a.m.	London	GSV	17.81	9:00 p.m.	London	GSC	9.58
11:30 a.m.	Berlin	DJB	15.20	10:30 p.m.	Berlin	DXJ	7.24
12 noon	Rome	2RO3	9.63	10:30 p.m.	Rome	2RO18	9.76
3:45 p.m.	London	GRG	11.68	10:30 p.m.	Tokyo	JZJ	11.80
4:00 p.m.	Rome	2RO3	9.63	11:30 p.m.	London	GSL	6.11
5:45 p.m.	London	GSC	9.58	12:00 mid.	Berlin	DXJ	7.24

INTERNATIONAL DX'ERS ALLIANCE

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NORMAL, ILL. U. S. A.CHARLES A. MORRISON
EDITOR

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NUMBER 100

EDITORIAL

I had planned to make this the 100th consecutive issue of the GLOBE CIRCLER an elaborate edition with extra pages and extra features to celebrate the occasion. Since the time these plans were made this country has been plunged into WAR. A deliberate attack on this country and every thing it stands for has been made. Every thing else must now be subordinated to a single and unified effort by every man, woman and child in these United States of America to win this conflict and to destroy once and for all, utterly and completely, this many headed monster which seeks to rule the universe, to make slaves of mankind, to deprive free peoples of the rights of life, liberty and pursuit of happiness.

Each person can help in some small way. The entire facilities of the I.D.A. are being reorganized on a wartime basis. Listening not for pleasure only but in the interests of vital necessity will be continually emphasized during the emergency period. Experienced shortwave monitors (listeners) are needed in the interests of defense. Many agencies need accurate and up-to-the minute shortwave statistics these days. You can help in making shortwave information of this nature available to press, radio, government and other authorized defense sources that may need it. I will undertake to handle this data, classify it, compile it. You can help by donating a little time each day to a careful & systematic search of the shortwave channels for the following types of information: New stations, changes in frequency or schedule, Times for newscasts in English & other languages, times for peak reception for the weaker stations or those of most timely war interest; types of identifying signals used; other detailed information about schedules, location, power, address etc. Keep a pencil & pad before you and jot down anything you may come across and then shoot it immediately into the headquarters of the I.D.A. Some small seemingly insignificant fact may prove of vital importance to a defense agency that may need it. We are supposedly shortwave monitoring experts. Now is the time to put this skill and knowledge to a useful benefit for those who need it. I am depending upon you.

Charles A. Morrison.



A.M. PLEYTE, EUSTIS, FLORIDA

INTERNATIONAL DX'ERS ALLIANCE NOTES
NEW

Ed. Baker, Stockton, Calif... C.W. Sager, Los Angeles, Calif... Ed. Mac, Detroit, Michigan... J. L. Atwood, Los Angeles, Calif... J.H. Kindleberger, Valley Center, Calif... C.J. Gallant, West Los Angeles, Calif... A.B. McKeen, South Laguna, Calif... Robt. C. Dutcher, Ballston Spa, New York... P.S. Nichols, Madera, Calif... D.R. Parrish, Pontiac, Michigan... David Bailey, Australian News & Information Bureau, New York City, New York.

RENEWALS

Capt. C.J. Gebauhr... Marston Klein... Robt. Cooper... Harold Eucker... Stanley Sosnoski... Warren Stark... Eric Butcher, Ponce, P.R... Max Bass... Grant Batson... Prof. H.H. Arnold... F. Hutchings... Carl Whitehouse... Herbert B. Jones... Edgar T. Cook... Irvin J. Goldner... Mike C.J. Fern & Mrs. C.J. Fern, Lihue, Hawaii... Prof. Raymond J. Bell... Fred W. Norris

CHAPTERS

Information concerning dates & meeting places for our chapters can be obtained from the following: ACC (Detroit area)- W.P. Mathers, 6607 Vinewood, Detroit... BEER CITY (Milwaukee) Robt. Hetzel, 1327 N. 18th St., S. Milwaukee... QUEEN CITY (Cincinnati)- George Jacobs, P.O. Box 141-Station V, Cincinnati... SO. CALIF (Los Angeles area) Aug. Balbi, 1090 W. Kensington Road, Los Angeles... WINDY CITY CHAPTER and WORLD WIDE DIAL CLUB-- Gail Eyer, 3226 Sunnyside Ave., Chicago. Every 2nd meeting the Chicago & Milwaukee Chapters meet jointly.

SHORT WAVE NOTES

EDITOR-IN-CHIEF — CHARLES A. MORRISON

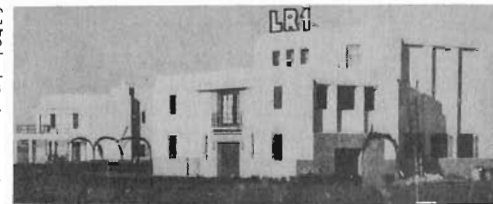
ASSOCIATE EDITORS: R. Skyten, J. Wilson, E. Cook, A. Balbi, R. Waite, R. Legge, R. Simpson.
AMA-TOURING EDITORS: Roger Legge, LeRoy Waite.

PRESS DEADLINES: For FEBRUARY GLOBE CIRCLER, Jan. 16; For FEBRUARY STOP PRESS SHEET, Jan. 29; for FEBRUARY AMA-TOURING, Jan. 10. For Ama-Touring send news items to Roger Legge, 20 Beethoven Street, Binghamton, New York.

SHORTWAVE NOTES FOR THE GLOBE CIRCLER.

A war is on. We need plenty of short-wave notes. Please submit your items as follows when possible: Use one side of paper only--double space line--group items by continents and be sure to state time used. We are particularly concerned with items pertaining to: New stations...Changes in frequency or schedule...times for newscasts in English or other languages...Times of peak reception for the weaker stations or those of timely war interest...identifying signals used...Any detailed authentic information concerning station's schedules, address, power etc. Please RUSH me any important notes by fastest mail...FOUR STAR (****) items denote exceptional merit...Each FIVE STAR (*****) item pays contributor \$2.00... All items are important...In crediting items the general geographical location of that member- if in N.A.- is shown as: E-Eastern; C-Central; W-Western. If foreign, the country or an abbreviation of the country is given.

To conserve space for important S.W. broadcast notes the FM & Television notes will be omitted for the time being- Ed.



LRI-LRX-LRU Transmitter, Buenos Aires.

NOTES CONCERNING SHORTWAVE STATIONS OF THE WORLD
NORTH AND CENTRAL AMERICA

E.S.T.
BERMUDA ZFD (10.335) works WNB (10.675) near 5pm irreg. (Roberts-C)
BAHAMAS ZNS2 (6.09) operates 5:55-9:15pm (Sun to 9:35pm); Relays BBC English news at 8am, 1:15pm and several times during evening transmission (Lyerly-C)
CANADA CBFW (6.09), broadcasts 6:30am-11pm; relays CBF, Montreal's French programs (Balbi-W, Roberts-C, Wilson, Legge-E)...CBFY (11.705), relays English programs of CBM, 6:30am-11pm; qrm'd by HP5A irreg. (Legge, Wilson-E)...CBRX (6.16), "The Voice of British Columbia," Hotel Vancouver, 1 kw, relays CBR, Vancouver, B.C., daily 10:30am-3am; English news at 11am & 2:55am (Balbi-W, Fern-Hawaii)...CHNX (6.13), Halifax, signs-off with "Star Spangled Banner"; English news at 6 and 10 pm (Lyerly, Borchardt-C)...CJGX (6.01), Sydney, opens with English news at 6am.
C.R. TIWS, Puntarenas, is now on 6.07; heard to 11pm (Legge-E*)
GUATEMALA Seven chimes in ascending scale is repeated now for about 10 minutes before TGWA (15.17, 9.685) comes on the air (CAM-C)...TG2 (6.196), "Radio Morse," will soon increase power to 10 kw, and operate on several different frequencies.
HAITI HH2S (5.947) broadcasts English news Wed. at 9:40pm (Lyerly-C)
HAWAII All regular network pickups from Honolulu have been discontinued for the present due to military reasons. May be allowed later- Ed.
JAMAICA ZQI (4.70), Kingston, broadcasts English news weekdays at 5:45pm (FS*)
MEXICO XBC (6.975), Vera Cruz (Comm.), heard at 9:15pm with weather reports in Spanish (Lyerly-C)...Address for XEBR (11.82): "Radio Difusora de Sonora," Apartado 68, Hermosillo...XEWX (9.50), Mexico D.F. comes on air with English announcements at 8am; has English news at 8pm (*Lyerly-C)
NICARAGUA YNDG (7.66), Leon, announces in English & Spanish; interval signal several gongs (Borchardt-C)...YNOW now on 6.87 mcs. (Legge-E)
PANAMA HP5K (6.005), Colon, gives news in English, ala "George Williams style" at 8:30pm (CAM-C)
U.S.A. U.S. Shortwave Stations have risen to the war challenge in fine style and are operating on 24-hour or greatly extended schedules. English news-casts are included at frequent intervals and news flashes are given when received. In addition many new news-periods in foreign languages have been added. . . . WBOS Boston, now operates: 8am-12:45 on 15.21, and 1-3:40pm on 11.87, to Europe; 3:55pm to 1am on 11.87, to Latin America. WBOS is now programmed by NBC except 6-8pm when it originates local programs (NBC)...WCBX operates currently 7am-2:30pm, on 21.57 and 3-6pm on 11.83, to Europe; 6:30pm-12 mid. on 11.83 to Latin America. Watch for tests on WCRC and WCBX with new 50 kw transmitters soon (CBS).....

New schedule for WGEA-WGEO follows: 3:15am-4pm over WGEA & WGEO (15.33), 4:15pm-7:45am, over WGEA (9.55) and WGEO (9.53) (**Wilson, Lyerly)...WLWO, Cincinnati, broadcasts 10:30am-4 to Europe, 4:10-6:15pm to Latin America, on 15.25, 6:30pm 12 mid. to Latin America, on 11.71 (**Wilson)...WNBI, N.Y.C., operates, 8am; 16:30pm, on 17.78, and 12:45-3:40pm, on 11.89, to Europe; 3:55-6:45pm, on 17.78, to Latin Am. ...WRCA, N.Y.C., operates, 8am-2:15pm, on 15.15, 2:30-3:40pm on 9.67, to Europe; 3:55-6:45, on 15.15, 7pm-1am on 9.67 to Latin America, (**Wilson, NBC)...WRUL is not using the 15.13 mcs. frequency at present...See list for changes in WRUL-WRUW schedules (WRUL-Wilson)

SOUTH AMERICA SALUTES U.S. SHORTWAVE LISTENERS

Jan.8	Thurs.	11:30pm-12 mid.	PRF3,	Sao Paulo, Brazil	NNRC 11765kc
Jan.9	Fri.	12:mid.-12:30am	PRF3,	Sao Paulo, Brazil	IDA 6095kc
Jan.13	Tues.	3:00-4:00am	YV6RC,	Barcelona, Venezuela	NRC 3450kc
Jan.15	Thurs.	8:00-9:00pm	PSH	Rio de Janeiro, Brazil	GNSWL10220kc
Jan.22	Thurs.	8:00-9:00pm	PSH	Rio de Janeiro, Brazil	IDA 10220kc

BRAZIL The new Brazilian network comprising PSH (10.22), PRF3 (11.765 & 6.095), PRE9 (6.105), PRA8 (6.01), PRC5 (4.865), is now broadcasting "Horo do Brasil" (The Brazilian Hour), nightly 6-7pm (**Legge-E)...Unidentified station on 6.66 is being heard 5-6pm (*Legge-E)...PSH (10.22), broadcasts in English, Mon/Wed/Thu, 8-8:30pm; in Portuguese weekdays 6-7pm; in Spanish, Fri. 7-7:30pm. PSE (14.935), broadcasts in Italian Thurs. 3-3:30pm (Baker-W, Kernan-E)...PRE9, Ceara Radio Club S.A., Caixa Postal 143, Fortaleza, Ceara, 5 kw, operates 8:40-11am on 15.165, and 9:05pm on 6.105. Verifies by letter signed by J. Dummer (*Mann-E)...PRF3 (11.765 or 6.095), Radiodifusora Sao Paulo, P.O. Box 252, Sao Paulo, 25 kw, operates 4:30 to 9:45pm. Sends veri & photos in reply to reports (**Mann, Legge-E, Baxter-W, Fern).

BRIT. GUIANA ZFY is testing its new 1 kw transmitter on new freq. of 6.13 mcs, before and after regular program periods (*Robinson, Roberts, W9QWV-C)

CHILE CB960 (9.60), has been heard 2 Sat's closing at mid. (Simpson-Austr.)...CB970 (9.73), Valparaiso, opens at 6:30am; heard nightly 9-11:30pm (Lyerly-C, Simpson-Austr.)...CB1174 (11.74), "Radio Huckle," Santiago, verifies promptly with Spanish letter (Baston)...CB1180 (11.975), Santiago, has clock chimes on the hour; broadcasts Spanish news at 10:05pm (Simpson-Austr., Lyerly, CAM-C)

COLOMBIA NEW: HJCA (4.855), "Radio Cristal," Apartado 744, Bogota, relays HJCU, 1 kw, evenings to 10 or 11pm; verifies with letter signed by Cristobal Paez G. (**Mann, Legge-E)...HJX (6.76), Bogota, heard calling Cucuta at 5:45pm (Legge-E)

DUTCH GUIANA PZX (11.516), Gouvernements Radio Dienst, Paramaribo, 750w, transmits Mon & Thurs. 6:30-7:30pm and Sat. 5:40-6:40pm, according to veri; signs-off with national anthem (Lyerly, Heflin, CAM-C, Mann-E**)

ECUADOR The evening transmission from HCJB (12.455), opens at 6pm with tolling of bells; closes at 9:45pm with the national anthem (*Lyerly-C, Simpson-Austr.)

PARAGUAY NEW: ZPA2 (11.721), "Radiodifusora de la Telico Paraguaya," Asuncion, relays ZP10, "Radio Guarani, 5-7:40pm; also mornings at 7am; requests reports (**Legge, Nicolassy-E, CAM-C)

PERU OAX5C, Ica, now on 9.54, is heard best early evenings (*Legge-E)

URUGUAY CXA8 (9.64) being heard 2-4pm (Fern-Hawaii)

VENEZUELA NEW: YV4RK (3.39), "radio Maracay," Maracay, heard evenings to 9:30pm...YV5RX is now on 3.50 (Legge-E)...NEW: YV6RC (3.45), "La Voz de Anzoategua," relays YV6RE (1080), "Ondas del Neveri," Barcelona, 1500 watts, evening, verifies promptly, signed by Senor Luis J. Arreaza Almenar (**Mann-E)...YV3RN, "Radio Barquisimeto," Barquisimeto, is now on 4.82 (*Legge-E)

ANGOLA NEW: CR6RA (9.47), Radio Club de Angola, Caixa Postal 229, Luanda, 50w, being heard 2:30-4pm, in parallel with CR6RC (11.74); woman announcer; play American recording frequently; open and close with Portuguese anthem (**Skyten, Mann, Legge-E)...CR6RB (10.95), Radio club de Benguela, Caixa Postal 19, Benguela, verifies with nice card picturing an elephant; give news in Portuguese at 3:15pm. Sked as in Globe Circler (**Mann-E)

BEL. CONGO OPM (10.14), heard with good signals 1:55-2:45pm. Careful tuning is necessary not to confuse with HH3W using French on 10.13 (*Mann, Ferguson-E)

EGYPT SUV (10.055) is heard with fair signals 2-4:15pm; Italian news 3:45pm and Spanish news at 4pm. Often works London on phone after program sign-off; also heard using phone on 5.46 mcs. near 9:30pm (*CAM-C, Kernan-E)

FREE-FRENCH AFRICA FRENCH CAMEROUNS: Station on 13.41 heard at 3:30pm, believed in French Camerouns (Burton-England)...GABON- A letter from Brazzaville states that there is no radio station FHK operating at Libreville (*Legge)...MIDDLE

CONGO- A letter from the broadcasting authorities states that "Radio Club" (12)

is not powerful enough at present to be heard in America, but they hope to have

a more powerful transmitter operating in about five months (Legge)...The very peculiar clicking interval signal heard over FZI (11.97) is produced by a native instrument made of bits of wood with pieces of wire attached, called a Kissantzi (***Moreland-C)

MADAGASCAR "Radio tananarive" (6.06), is heard 9:30 or 10:30 to 11:30am (Simpson)

MOZAMBIQUE CR7BE (now on 9.84), is heard daily 2-4 or 4:15pm; news in English at 2:55pm; last hour all-French program (*Cushen-NZ, Simpson-Austr., Wilson-E, CAM-C)

SENEGAL FGA (9.41), Dakar, is being heard again with fair signals from 2:15 to 4, sometimes to 5pm; all announcements in French; news in French at 4:15pm; always signs-off with "Marseillaise." (**CAM-C)...FGA heard on 11.97 to 5:55pm, with talks in French and native music (Ferguson-E)

EUROPE

On Dec. 12, the U.S. suspended mail service from this country to Germany, Italy, and all countries under their control. Gibraltar, Portugal, Spain, Sweden, Turkey, Switzerland, Russia & unoccupied France are now the only points in continental Europe to which mail can be sent. Registered letter to SVM, Athens, Greece, was returned "Service Suspended" (**Robinson)...An undercover European on 11.35, is heard daily 1:30-1:40 pm in Jugoslav (Legge-E)...Unidentified "Christian Peace Movement" station on 9.45, heard 1:45-2:24-3pm. Features hymns (**Cushen-N.Z.)

AZORES Ponta Delgada has dropped 14.58 mcs., is now heard daily 3-4pm on 7.3; 5-7pm on 4.03 mcs. Announces "Aqui Portugal, Ponta Delgada, emissora onda curta-do Emissora Nacional." Has c.w. qrm on both freqs. (Skyten, Mann, Legge, Borchardt)

...CUM (6.995), heard at 6:30pm, CUI2 (11.93) heard at 6:30am, foning Lisbon (RL)

ANDORRA "Radio Andorra," is heard on new freq. of 6.07, to 5:30pm (Burton-Engl.)

ENGLAND New BBC frequencies: GRD (15.45), GRE (15.375), GRF (12.095), GRG

(11.68), GRH (9.825), GRI (9.415), GRJ (7.32), GRK (7.185), GRM (7.25), GRN

(6.195), GRO (6.18), GSU (7.26) (**Legge). Some of the new frequencies are in operation as follows: GRN (6.195), 5:30-9:45pm to SA; GRG (11.68), 11:45am-2:15-4

pm; GRJ (7.32), 2:15-3:45, 11:30pm-3am; GRO (6.18), 10:30-11:15am, 8-9:45pm; GRS

(7.065), 1:10-3am; GRV (12.04), 11:45am-2pm (*Balbi, Legge, Wilson, Fern, Skyten, Bax-

FINLAND OFD (now on 9.495) can sometimes be heard through KXWW. Reports /ter. on Finnish stations should be sent to Suomen Yleisradio, Helsinki (Skyten, CAM-C)

FRANCE Unknown Free-France station on 9.88, heard 1:45-2:10pm; signed-off as "France Libre." (Roberts-C)...Pro De-Gaulle station on 9.73, heard 2:45-2:55

pm (Burton-England)... "La Voix de La France," Radiodifusion National, Hotel du Parc, Room 243, Vichy, operates as follows: 5:30-6:15, 6:30-8:15, 8:30-9:15-9:45,

10:15-10:45am on 15.245; 11am-11:45, 12 noon-12:45, 11:30pm-12:15, 1:30

-2:15am on 11.845; transmitter believed to be at Allouis (***Reinhardt-Switz.)

GERMANY Anti-Nazi station on 11.6, heard 3:20-3:30pm (Roberts-C)...German Freedom Sender (9.64) heard at 11:20pm (CAM-C)...Berlin is broadcasting in the

41-meter band as follows: DJI (7.29), 4:30-4:45, 4:50-11pm to SA; DXM (7.27), 11am

-4:45, 4:50-11pm to NA; DXJ (7.24), 11am-3, 3:30-3:45, 4:50pm-1am to NA. DXZ (9.57)

is off the N.A. broadcast; operates 12:30-3pm. DJP (11.855) & DJZ (11.80), come on air in African transmission 10:40am (**Wilson-E)... **AUSTRIA**-- New Freedom

Station on 9.61, heard at 10:30am irreg. ... **FRANCE-UNIDENTIFIED** Paris station is relaying Berlin programs on 15.13, 1:30-4pm (*Wilson-E)... "Paris Mondiale" (9.52),

Paris, is broadcasting 1-3:30pm, or later; 1-2pm in Arabic; 2-3:30pm in French,

with variety program and Parisian music (CAM-C)... **HOLLAND**-- PCJ (9.59), is now broadcasting 3-4:45 & 4:50-11pm; replaces 15.22 mcs. for winter (*Wilson-E, CAM

C)... **POLAND**-- DXY (9.525) is operating to 11pm (*Lyerly-C)

HUNGARY Has anyone heard HAT4 lately?--Ed.

ITALY Anti-Fascist "Radio Italia" (now on 11.915), is heard 2:30-3pm, in Ital-

ian (Mann-E)... 2R08 (17.82), broadcasts news in English for NA, at 8:15am; 2R017

(19.59) and 2R06 (15.30) at 8:20am for Far East. (Wilson-E)... 2R011 (7.22), heard at 12:50 a.m. (Roberts-C)... Unidentified Rome frequencies heard: 10.33, 6-7:50pm

to SA (Skyten-E); 11.725, at 11:30am; 15.215, 8:15-8:30am, and 17.78, at 7am (Simpson-Australia)

NORWAY LLH (9.645), heard 9-10pm for Norwegians in N.A. with fair strength.

As a tuning aid, for five mins. prior to 9pm, the following may be heard each min.

on the minute: "Hello America. Here is Oslo, operating on 31.1 meters. In three

(or two or one as the case may be) minutes you will hear a special program for

Norwegians in N.A." Between announcements a 10-note piano melody is repeated

twice. At 9pm three time pips may be heard and the program in Norwegian starts.

PORTUGAL NEW: Lisbon on 6.145, signs-off at 7pm (Burton-England)... **CSW7's** tun-

ing signal repeated before broadcast time at about 6:55pm is a 3-note chimes.

(CAM-C)... CUZ2 (6.878), Lisbon, fones Azores around 6:30pm (Legge-E)

RUMANIA "Radio Bucaresti" (9.26), can be heard almost daily 3-5:05pm approx.

Just to low frequency side of COCX, Requires careful tuning (Ferguson-E, CAM-C)

SPAIN "Radio Mediterra" (7.037), Valencia, now heard 2:30-8pm (*Legge-E)
SWEDEN SBT (15.155), broadcasts to N.A. 10-11am; English news at 10:03am; SBU (9.535) and SBP (11.705), broadcasts to N.A., 8-9pm; English news at 8:03pm. Tuning signal prior to broadcast is repeated chimes melody (**CAM-C, Ferguson, Legge)
SWITZERLAND According to letter from Berne, stations operate as follows: 6:45-8:10pm to S.A. over HER4 (9.535); 8:45-10:10pm to N.A. over HER- (11.865); 12:20-1:40, 6-7:45am, 12 noon-4:30pm over HER3 (6.165); 12:45-2:10pm over HBO (11.402) (**Reinhardt-Switzerland, Simpson-Austr, Hoffman-E)
U.S.S.R. English broadcast now made 6-7:55pm over RV-- (15.23), is coming in with increased strength, perhaps indicating Moscow transmitter is again in use; announce as "Radio Centre, Moscow" to 6:40pm, as "Radio Centre, Kuibishev," after that time (**CAM, Lyrerly, Heflin, Jones, Balbi, Wagener, Legge, Ferguson)... "Radio Kuibishev" (10.01), heard at 12:20am (Goldner-C)... The 7:30-8am transmission (7:30am in Russian & 7:45am in English) has been heard on 12.06, 12.23 & 14.1 (Ferguson, Skyten, Cherkassky-E)... Moscow on 9.73, heard from 9:45am irreg. (Balbi)

ASIA AND OCEANIA

AUSTRALIA Broadcast to W.NA, 12:55-1:40am, now over VLG3 (11.71) & VLQ (9.615) (Balbi, Baxter-W)... Broadcast to E.NA, 7:25-8:10am, is over VLG2 (9.54) & VLQ9 (7.25). A New one, VLQ10 (9.59) replaced VLQ9 for a few days (Wilson-E, Balbi-W). Attempting to establish a 2nd daily broadcast to E.NA, Melbourne, has been testing 6:45-7:15pm, with various frequencies, including VLG3 (11.71) and a new one, VLG7 (15.16), neither heard successfully. Anyone hearing these tests is urgently requested to send a report to David Bailey, Australian News & Information Service, 610 5th Ave., New York City (**Legge-E, Robinson, CAM-C, Balbi-W)... Listen to the "Mail Bag," Sun. at 7:45am over VLG2 (9.54), VLQ9 (7.25). Just recently Bradon Mitchell gave some favorable publicity to our Globe Circler (Legge-E, Balbi W, Robinson-C)... Additional English news periods: 3:15am, VLG6 (15.23); 7:50am, & 9:30am, over VLW2 (9.65); 8:20am, over VLR (9.58) (Lyrerly-C, Fern-Hawaii, CAM-C)

BURMA XYZ (6.007), Rangoon, heard weakly till CJCX (6.01), came on at 7am (ER)
CHINA FFZ (12.06) gives English news at 7:45am (Wilson-E)... According to Tokyo Radio, Shanghai American-owned stations XMHA & XGDN have been taken over by the Japanese (CAM-C)... XGOA (9.72), Chungking, operates 12 mid-1, 6-11am, 2-4pm; English news, 9 & 10am (Ong-w, Ferguson-E)... New sked for Chungking National Station XGOY: 1-2am to NA, 2-4, 5-5:15, 5:30-5:55, 6-7:15am, all on 11.9; 7:20-8:50, 9-10am to NA on 5.95; 10:00-10:30am to NA on 9.48; 10:35-10:55am on 11.9; 3-4pm on 5.95; 4:05-6pm on 11.9 (**Ong-W, Baxter, Balbi-W)... XGRS (now 12.02), Nazi controlled station, Shanghai, heard mornings to 10am; English news at 8:12am; also evenings 6-8pm; Setting-up exercises at 6:15pm; English news at 6:45 & 7:30pm (**Skyten, Mann, Legge-E, Stark, Borchardt, Roberts, CAM-C, Balbi-W, Simpson-Austr.)... XPSA (8.465), Kweichow, operates 5:30-11am, 3-5pm; English news 9 & 10am (Ong)

FIJI'S VPD2, Suva, tested new frequencies during the past month: 15.16 mcs, at 4:45-5:30, and 11.895 mcs, 10:30-11:30pm. These tests have been concluded but 11.895 is now in use daily 12:00-12:35a.m. (**Balbi, Henry-W, CAM-C, Kernan-E, Fern-TH)
F.INDO-CHINA English news at 10:45 am, over "Radio Saigon" (11.775), is now being heard with strong signals (**CAM-C, Ferguson-E, Balbi-W)... 6.188 mcs. good now.
HONGKONG ZBW3 (9.525) has been off the air since the seige of that city began.
JAPAN JAPANESE FREQUENCIES JLR 6015 JLU 6185 JLT 6190 JVW 7257 JLG 7285 JLG2 9505 JLU2 9525 JZI 9535 JLP 9605 JLT2 9645 JLS 9655 JVW2 9675 JVZ3 9695 JLG3 11705 JVW3 11725 JZJ 11800 JVZ 11815 JVZ2 11825 JLG4 15105 JLR2 15115 JLU3 15135 JKT3 15225 JVW4 15235 JLU4 17795 JVW5 17830 JLP3 17835 JLS2 17845 JLP4 21560 JLS3 21620 (**NZDXC)... Schedule corrections and additions: To Hawaii: 1:30-3am, over JZI (9.535), JLT (6.19) (English news at 1:30am); Heard 6-10am: JVW (7.257), J-- (9.565), JLP (9.605), also JLR (6.015) irregular; To Europe: 1:55-5:30pm (English 4:30-5:30pm), over JVW (7.257), and JLT (6.19) (English news 2:55pm); To Japanese army in China: 3:50pm-1am, over JVZ2 (11.825) & JVW2 (11.725). JVZ2 has replaced JVW4 (15.235) on this transmission. (**Skyten, Ferguson, Kernan-E, CAM-C, Balbi-W, Simpson-Austr., Fern-Hawaii, Baxter-W)
JAVA Java station on 4.47, is YDE, Semarang (NZDXC)... PLP (11), and YDE (9.55) can sometimes be heard coming on air at 5:30pm with march; opening announcements at 5:45pm, followed by setting-up exercises (**Skyten, Mann-E, Balbi-W)... PLV (9.415) is often used for network pickups (Fern-Hawaii)

MANCHUKUO MTCY (11.775), now broadcasts to N.A., 1-2am (English news 1:30am) (Balbi-W)... MTCY broadcasts on 6.03 & 6.115, 2-9am; in Japanese on 6.03, in Chinese on 6.115; sometimes same program is carried on both freqs. (*Balbi-W, Fern-Hawaii)
MALAY STATES According to Tokyo Radio, ZHJ (6.095), Penang, has been destroyed by their bombers (CAM-C)... ZHN3 (11.84), new call & freq for ZHP4, Singapore, operates daily 4:30-10:15am (**Simpson-Austr.)... ZHP1 (9.70), Singapore is best 9:30-10:30am (Balbi-W)... ZHP3 (7.25), sometimes heard with oriental program at 6:30am

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SHORT-WAVE 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
13 METER BAND						
13.86S	21.84	GRZ	London, England		6:15-7am, 7:30-7:45, 8:15-8:30am.	
13.91n	21.57	WCBX	New York City, N.Y.		7:30am-2:30pm to Europe	
13.92	21.55	GST	London, England		8:45-10am to S.A.	
13.97S	21.47	GSH	London, England		5:55-10:15am to Africa	
15.31S	20.04	2R017	Rome, Italy		6:30-8:30am...News- 8:20am.	
15.50	19.345	PMA	Bandoeng, Java		7-8:15am. Is anyone hearing?	
16 METER BAND						
16.64	18.03	GRQ	London, England		5:57-8:30am to S.A.	
16.76S	17.98	KHE	Kahuku, Hawaii		Occasional pickups from Hawaii.	
16.77	17.89	GRP	London, England		5:57-10:15am, 11:30am-4p.m.	
16.81	17.845	DJH	Berlin, Germany		6-11am	
16.82	17.84	EIRE	Athlone, Ireland		7:30-8:30am, 12:30-1:15pm	
16.84	17.82	2R08	Rome, Italy		6-6:25, 7-7:30, 8:15-8:45am...News- 8:15am	
16.84	17.81	GSV	London, England		3-4:57, 5:57-9:45 (7:45-10:15am to NA), 10:30am-1:15pm (10:30-11:30am to NA)...News- 8, 11am	
16.85	17.80	OIH	Lahti, Finland		From 6am on--	
16.86S	17.79	GSG	London, England		2:30-4:30, 5:30-5:45am Tu/Wd, 5:45-6:30, 6:45-7, 8:30-8:45, 9:30-10, 11:30-11:45am.	
16.87S	17.78	WNBI	New York City, N.Y.		8am-12:30, to Europe; 3:55-6:45pm to S.A.	
16.89	17.76	DJE	Berlin, Germany		6-8:30, 10-11am.	
16.90S	17.75	WRUL	Boston, Mass.		11am-12:30pm; Sat. 10am-2pm; Sun. 10am-Nn.	
19 METER BAND						
19.53	15.36	DZG	Berlin, Germany		12-2:15, 11:30am- 12:45pm	
19.54S	15.35	WRUW	Boston, Mass.		11am-12:30, 12:45-3:45 ex.Sa/Su; Sat. 10am-1:45, 2-3:45pm.	
19.56	15.34	DJR	Berlin, Germany		12-2:15, 6-11am.	
19.57S	15.33	WGEE	W-GEO Schenectady, N.Y.		8:15am-4pm	
19.57S	15.33	KGEI	San Francisco, Calif.		6:05pm-12 mid. to S.A.	
19.58	15.32	MTCY	Hsinking, Manchukuo		4-5pm...News- 4:03pm	
19.59	15.315	YDB	Soerabaja, Java		10-40pm-2:20am (Sat. 9:10-2:20am)	
19.59	15.315	VLQ3	Sydney, Australia		12 mid.-12:30am.	
19.60S	15.31	GSP	London, England		2:30-4:57, 5:30-6:30, 7:15-7:30, 9-10, 10:30-11:30, 11:45am-12:45, 1:15-1:30, 1:30-4pm. 1:15-1:30, 2-2:30, 2:40-3:20, 5:30-6:15, 6:30-9:30am, 12-1:30pm to NA, 1:40-7:50pm. ...News- 8:20am, 12:00 noon, 2pm.	
19.61S	15.30	2R06	Rome, Italy		1:30-3:45am, 9-11:30pm...News- 9:45pm.	
19.62	15.29	VUD3	Delhi, India		12-2:15, 6-11, 11:30am-12:45, 2-4:45, 4:50-10:45pm...News- 9am.	
19.63	15.28	DJQ	Berlin, Germany		1-6pm ex.Sa/Su; Sa. 1:15-5:45; Su. 1-5:30p	
19.64	15.27	WCAB	Philadelphia, Pa.		2:00-4:30am, 10:30am-2pm.	
19.66S	15.26	GSI	London, England		10am-4 to Europe, 4:10-6:15pm to S.A.; Su. 12:00 noon-4, 4:10-6:15pm.	
19.67S	15.25	WLWO	Cincinnati, Ohio			
19.67	15.25	CR7BD	Lourenco Marques, Mozambique		12 noon-4:20am	
19.69S	15.245		Vichy, France		5:30-6:15, 6:30-8:15, 8:30-9, 9:15-9:45, 10-10:45pm	
19.70	15.23	DXT	Berlin, Germany		6-8:45am to NA. /10:45pm	
19.70	15.23	2R014	Rome, Italy		12:30-1:40, 5:15-5:25, 6-9:30, 10:30am-Noon	
19.70	15.23	RV--	Moscow, U.S.S.R.		6-7:55pm (English)	
19.70	15.23	VLG6	Melbourne, Australia		3:30pm-12:45, 1:45-3:45am...News-3:15a	
19.71S	15.22	PCJ	Huizen, Holland		6:30-10:45am...News- 6:45, 7:45, 9:30, 1030	
19.72	15.21	PBOS	Boston, Mass.		8am-12:45pm. /am	
19.74	15.20	DJB	Berlin, Germany		6-8:45am to NA, 9-9:45, 10-10:30, 11:40am-12 noon...News- 6:30, 8:30, 11:30am.	
19.75n	15.195	TAQ	Ankara, Turkey		Mornings to 8:30am.	
19.75	15.19	OIE	Lahti, Finland		7:30-8:30am, 1:05-2, 7:10-8, 11:05pm-12 md to NA...News- 1:15, 7:20, 11:15pm.	
19.76	15.18	GSO	London, England		7:15-8:15, 11:30-11:45am, 3-3:15pm	
19.77	15.175	OQ2AA	Leopoldville, Bel. Congo		5:55-7am, 2-2:45pm	
19.78	15.17	TGWA	Guatemala, Guatemala		12:45-2pm to NA; Sun. 12:45-5:15pm.	
19.78	15.165	CP43	Tupiza, Bolivia		6-9:30pm	

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19.78	15.165	PRE9	Fortaleza, Ceara, Brazil.	8:40-11am	
19.80	15.155	SBT	Motala, Sweden	10-11am, 1-4:15pm (Sun. 3am-4:15)...	News- /10am.
19.81S	15.15	WRCA	New York City, N.Y.	8am-2:15, 3:55-6:45pm	
19.81S	15.15	YDC	Bandoeng, Java	4:40-10:40am, 5:30-7:40, 10:40pm-2:20am.	
19.82S	15.14	GSF	London, England	1:10-4:57, 5:57-10:15, 10:30am-3:35pm	5
19.84	15.12	EIRE	Athlone, Ireland	1:30-4pm.	News- 6, 8, 11am.
19.84S	15.12	HVJ	Vatican City	9-11:30am intermittently.	
19.85	15.11	DJL	Berlin, Germany	12-2:15, 6-8:45, 9-10:30, 10:40am-4:30pm...	
				News- 6:30, 7:30, 8:30, 11:15am, 4:15pm.	
19.85S	15.105	JLG4	Tokyo, Japan	5:55-9:30pm to NA...	News 6, 9:10pm.
19.86	15.10	EPB	Teheran, Iran	3-5:30am	
19.91S	15.07	2RO-	Rome, Italy	10:30am-Noon (Arabic); 3am irreg.	

20.07	14.935	PSE	Rio de Janeiro	Thurs. 3-3:30pm (Italian)	
20.12N	14.91		Moscow, U.S.S.R.	7:30-8am... News 7:45 a.m.	*
20.33	14.76	2RO-	Rome, Italy	10-10:25am (Russian)	
20.51	14.63	PLJ	Bandoeng, Java	4:30-11, or 11:30am ex. Sun.	
20.75	14.46	DZH	Berlin, Germany	2:30-3:15, 4:50-11pm to S.A.	
24.09	12.455	HCJB	Quito, Ecuador	7-8:30am, 11:30am-2:30 (Sun. 8:30am-2:30),	
24.12	12.44	XGOP	Kwantung, China	5-10:40am	/6-9:45pm (to 11pm Sa.
24.55N	12.23		Moscow, U.S.S.R.	7:30-8am... News 7:45 a.m.	
24.73	12.13	DZE	Berlin, Germany	6-9, 11:30am-12:45, 3-4:45, 4:50-11pm to SA	
24.75	12.12	TPZ	Alger, Algeria	7-9am, 1:30-3, 4-6pm	
24.75	12.12	ZNR	Aden, Arabia	11:28am-12:45pm	/am... News- 7:45am
24.88S	12.06	FFZ	Shanghai, China	11am-1am; 3:30-10am ex. Sun; Sun. 5:30-10	
24.92S	12.04	GRV	London, England	7:15-8:15, 11:45am-2, 4-5pm.	7pm
24.94S	12.02	XGRS	Shanghai, China	3:30-10am, 6-8pm... News- 8:12am, 6:45, 7:30	

25 METER BAND

25.00	12.00		Brazzaville, Middle Congo	1-8:50am, 1-2, 3:30-5pm.	*
25.02	11.99	NBS	Anti-British	2:30-3, 3:30-4, 4:30-5pm ex. Su, also sun.	
25.04	11.98	XIRS	Shanghai, China	5-8:30am	/11:30am-Nn
25.05	11.975	CB1180	Santiago, Chile	6:30-8am, 5:15pm-12 mid.	
25.06	11.97	FZI	Brazzaville, Middle Congo	1-12:20, 8:30-9:15am, 2:45-3, 3-4:15, 10-11pm to NA...	News 2:45, 10:45pm
				Now under control of the Japanese	*
25.15S	11.93	XGDN	Shanghai, China	2:30-3, 6-6:30, 8-8:30am	*
25.18S	11.915		Anti-Fascist, Italy	2:30-3, 6-6:30, 8-8:30am	*
25.2N	11.90	TLJMT	San Jose, Costa Rica	Heard evenings from 5:50 p.m. & near 8 a.m.	
25.21S	11.90	XGOY	Chungking, China	1-2am to NA, 2-4, 5-7:15, 10:35-10:55am,	
25.23S	11.89	WNBI	New York City, N.Y.	12:45-3:40pm	/4:05-6:00pm.
25.25	11.88	DHE4C	Berlin, Germany	4:50-11pm to NA	
25.25	11.88	VLR3	Melbourne, Australia	9pm-3:15pm	
25.25	11.88	VLG5	Melbourne, Australia	4-7am	
25.27	11.87	VLQ3	Sydney, Australia	12:12:30, 6:40-7:15am	
25.27S	11.87	WBOS	Boston, Mass.	1-3:40, 3:55pm-1am to S.A.	
25.28F	11.865	HER4	Berne, Switzerland	8:45-10:10pm to NA ex. Sat.	
25.29S	11.86	GSE	London, England	2-10:15, 10:30am-3pm (European Service)	
24.30S	11.855	XMHA	Shanghai, China	Now under the control of the Japanese	*
25.30	11.855	DJP	Berlin, Germany	12-2:15, 6-11am, 4:50-11pm to S.A.	
25.33S	11.845		Vichy, France	11am-11:45, 12-12:45pm, 11:30pm-12:15, 12:30-1:15, 1:30-2:15am.	
				3:30-5:45, 6-8:15pm to NA	
25.34	11.84	DHE4A	Prague, Bohemia	4:30-10:15am	
25.34F	11.84	ZHN3	Singapore, S.S.	1:30-3:45, 6:30am-12:15, 9-11:30pm	
25.36	11.83	VUD4	Delhi, India	1-5:45pm.	
25.36	11.83	VLW3	Perth, W. Australia	3-6, 6:30pm-12 mid.	
25.36	11.83	WCBX	New York City, N.Y.	3:30-9:05pm	
25.37	11.825	CXA14	Colonia, Uruguay	3:50pm-1am	
25.37S	11.825	JVZ2	Tokyo, Japan	6-10:15am, 12:15-1:15pm, 3:35-4 p.m.	
25.38S	11.82	GSN	London, England	8am-12 mid.	
25.38	11.82	XEBR	Hermosillo, Mexico	4-9:30am	
25.39	11.815	JVZ	Tokyo, Japan	1:15-1:20, 2:20-3:20, 5:30-6:25, 9:30-11:15, 11:30am-7:50, 8-11:30, 11:30pm-12:30am to	
25.40	11.81	2RO4	Rome, Italy	2-10:30pm. /NA... News- 9, 10:30pm.	
				4-10am, 12:30-1:30, 5:55-9:10pm to E. NA, -10:25pm-1:25am to W. NA... News- 6, 9:10pm.	
				10:30am on to Africa	
25.42n	11.80	DJZ	Berlin, Germany	12:45-5:30pm; Sat. 2-5pm; Sun. 2-6:45pm.	
25.45S	11.79	WRUL	Boston, Mass.	1:05-2, 7:10-8, 11:05pm-12 mid. to NA.	
25.46	11.785	OFE	Lahti, Finland		

25.47S	11.78	HP5G	Panama City, Panama	11:30am-2, 5-10pm; Sun. 9am-9:30pm.	
25.48S	11.775	MTCY	Hsinking, Manchukuo	1-2am to NA, 8-9:30am... News 1:30, 8:15am.	
25.48S	11.775		Saigon, F. Indo-China	5:15-9:30, 10:30-11am, Noon-12:30, 7-7:20 pm... News- 6:30, 10:45am; French news 7pm	
				12-1:30, 6am-10:30, 10:40am-4:30, 4:50-11pm to NA... News 11:15am, 4:15, 6, 8:15pm.	
25.49	11.77	DJD	Berlin, Germany	4:30-9:45pm.	*
25.50S	11.765		Sao Paulo, Brazil	3:30-7:15pm	/6pm
25.51	11.76	VLR8	Melbourne, Australia	12:30-1:40, 5:15-8:30, 10:30am-1:30, 2-20-	
25.51	11.76	2RO15	Rome, Italy	1:10-4:57, 7:45-10:15, 10:30am-4pm. 4:15-	
25.53S	11.75	GSD	London, England	11:45pm to S.A... News- 3:45pm	
				7-8am, 6:30-11:30pm	
25.55	11.74	CB1170	Santiago, Chile	6:30am- 1:15am	
25.55S	11.74	COCY	Havana, Cuba	6-11, 11:30am-3:30pm	
25.55	11.74	DXC2	Berlin, Germany	Sun. 1-1:30am, 8:30-9 (Eng), 9-9:30pm to NA	
25.55	11.74	HVJ	Vatican City,	Mon. 1-1:30am, Th. 7-7:30 (Fr), 8:30-9 (Eng)	
				1:30-2:30am irreg. /to NA, 9-9:30pm.	
25.55	11.74	JLU4	Tokyo, Japan	12:05-3, 10:30am-4:30pm	
25.57	11.735	LKQ	Oslo, Norway	6-10:15pm ex. Sa/Su; Sa. 5:15-9pm; Sun. ir.	
25.58S	11.73	WRUW	Boston, Mass.	3:45-9:30am, 3:50pm-1am to Japs in China.	
25.59S	11.725	JVW3	Tokyo, Japan	Relays ZP10 5-7:40pm.	*
25.60N	11.721	ZPA2	Asuncion, Paraguay	7-10am... News 7am.	
25.60S	11.72	HSP5	Bangkok, Thailand	1-2, 7-9:30pm	
25.62	11.71	YSM	San Salvador, El Salvador	6:30pm-12 mid.	
25.62S	11.71	WLWO	Cincinnati, Ohio	12:55-1:40am to W. NA.	*
25.62	11.71	VLG3	Melbourne, Australia	6:30-9pm	/to NA... News-8
25.63	11.705	CXA19	Montevideo, Uruguay	1:45-2:15, 6-7am (Sun. 3am-4:15pm), 8-9pm	
25.63S	11.705	SBP	Stockholm, Sweden	6:30am-11pm... News 7, 9am.	*
25.64	11.70	HP5A	Panama City, Panama	7-10:40am, 5pm-12 mid.; Sun. 6pm-12 mid.	
25.68S	11.68	GRG	London, England	11:45am-2, 2:15-4pm to NA... News- 3:45pm	
25.70	11.675		Andorra,	Heard 3 or 4pm.	
25.75	11.65	XGOK	Canton, China	5-9:30am... News 7, 8:10am.	

25.68	11.616	COK	Havana, Cuba	12 noon-12 mid; Sun. 12 noon-6pm	
26.05S	11.515	PZX	Paramaribo (Suriname), Dutch Guiana, Mon/Thurs	6:30-7:35pm,	
26.10	11.505		Anti-Fascist, Italy	3:30-3:40, 7-7:15pm. /Sat. 5:40-6:40pm.	*
26.31S	11.402	HBO	Berne, Switzerland	12:45-2:10pm to Africa.	*
26.43N	11.35			1:30-1:40pm in Jugoslav.	*
27.17	11.04	CSW6	Liston, Portugal	12:00 noon-4:30pm	
27.27S	11.00	PLP	Bandoeng, Java	4:40-10:40am, 5:30-7:40, 10:40pm-2:20am.	*
27.29	10.953	CR6RB	Benguela, Angola	2:20-3:30pm; Sun. 11am-12 noon.	*
28.01	10.71	FIA6	Doula, Camerouns	5:45-6am.	
28.30	10.60	ZIK2	Belize, Br. Honduras	Tues/Thurs/Sat. 1:30-2, 8:30-8:50pm.	
28.43	10.555		Anti-Nazi	9:45-10 (Eng), 10-10:15pm (Spanish)	
28.45	10.543	DZD	Berlin, Germany	1:30-2:15, 3:30-4, 4:50-11pm to NA... News- 1:30, 3:30, 6:00, 8:15, 10:30pm.	
				8:10-9am, 6:30-11:30pm	
28.55	10.40	YSPA	San Salvador, El Salvador	4:40-10:40am, 5:30-7:40, 10:40pm-2:20am.	
28.95S	10.365	PLS	Bandoeng, Java	6-7:50pm to S.A.	
29.04N	10.33	2RO-	Rome, Italy	3-4:45, 4:50-11pm to S.A.	
29.15	10.29	DZC	Berlin, Germany	4:30-11am approx. /to NA; Fri. 7-7:30pm.	
29.24	10.26	XGAP	Peiping, China	6-7pm ex. Sun; Mon/Wed/Sat 8-8:30pm,	
29.35S	10.22	PSH	Rio de Janeiro, Brazil	1:55-2:45pm	*
29.59	10.14	OPM	Leopoldville, Bel. Congo	12-3, 6:30-10:30pm; Sun. 12-4, 6-10:30pm	
29.62S	10.13	HH3W	Port-au-Prince, Haiti	2-4:15pm	/12 mid-
29.84S	10.055	SUV	Cairo, Egypt	6:45-10am, 4-6pm, 12 mid-1am... News 8am,	
29.88N	10.04		Kuibishgv, U.S.S.R.	5-10am (Su. to 9:30am)	
30.18	9.94	XGOS	Chungking, China	9:45-10:15pm.	
30.33	9.89	LSN2	Buenos Aires, Argentina	CR7BE Lourenco Marques, Mozambique 2-4 or 4:15pm	*
30.49F	9.84	COCY	Havana, Cuba	8am-12 mid.; Sun. 8am-11pm	
30.51V	9.833	GRH	London, England	4:15-11:45pm to C.A... News- 5:45, 8, 9,	
30.545	9.825	HJAG	Barranquilla, Colombia	8-10am, 6:30-10:30pm. /11:30pm.	
30.58	9.81	HNF	Baghdad, Iraq	9am-2pm	News, 9, 10:30pm.
30.67	9.78	2RO18	Rome, Italy	11:30am-1:30, 6-7:55pm, 8-11:20pm to E. NA.	
30.74	9.76	ZRO	Durban, So. Africa	3:30-7, 9am-4pm; Sun. 3:50am-4pm.	
30.75	9.755	NBS	Anti-British	2:30-3, 3:30-4, 4:30-5 ex. Su; Also. Su. 1130	
30.77	9.75		Free-French Station	1-1:15am, 2:30-2:45pm. /am-Noon.	
30.80	9.74	TI4NRH	Heredia, Costa Rica	Tu/Th/Sat. 11pm-12:30am.	

30.83S	9.73	CB970	Valparaiso, Chile	6:30-8am, 9-11:30pm	*
30.86S	9.72	XGOA	Chungking, China	12 mid-1, 6-11am, 2-4pm...News, 9, 10am.	*
30.86	9.71		Danish Freedom Station	12:30-12:45am	
30.93	9.70		Tananarive, Madagascar	10:30-11:30am, 4:15-4:30pm irreg.	
30.93S	9.70	WRUL	Boston, Mass.	3:55-5:30, 6-10:15pm ex. Sat; Sun. 2-6:45pm	
30.93	9.70	ZHP1	Singapore, S.S.	4:50-10:30am; Wed/Sat 12:40am-11:40am.	
30.93	9.70		Fort-de-France, Martinique	5:35-8pm	
30.95	9.69S	JIE3	Tyureki, Taiwan	9-10:20am...News- 9am.	
30.96S	9.69	GRX	London, England	1-1:45, 2-4:45, 11am-3, 4-5, 5:30-9:45pm.	
30.96	9.68S	LRA1	Buenos Aires, Argen.	10:30am-1, 2:30-3:30, 4-9pm	
30.98	9.68S	TGWA	Guatemala, Guatemala	10-11:45am ex. Sun; Sun. 6-11:45pm.	
30.99	9.68	XEQQ	Mexico D.F., Mexico	8am-12:45am.	
31.01	9.67S	DJX	Berlin, Germany	12-2:15, 10:40am-4:30pm...News- 11:15am.	

31 METER BAND

31.02S	9.67	KGE1	San Francisco, Calif.	1:05-4, 6:30-11:15am to Asia.	
31.02S	9.67	WRCA	New York City, N.Y.	2:30-3:40pm to Europe, 7pm-1am to S.A.	
31.02	9.67	2R09	Rome, Italy	3-6pm	
31.06	9.66	LRX	Buenos Aires, Argen.	6:30-7:05am, 6-10:05pm	
31.06	9.65S	HBM	Port-au-Prince, Haiti	7-9am, 12-3, 3:30-8:45pm	
31.08	9.65S	HJCT	Bogota, Colombia	10am-2, 5:15-11:30pm	
31.09	9.65	DJW	Berlin, Germany	12-2:15, 6-11am, 4:50-11pm	
31.09	9.65	VW2	Perth, W. Australia	8:10-10am to S.E. Asia...News- 9:30am.	
31.11	9.64S	LLH	Oslo, Norway	5:40-7am, 12:30-5, 9-10pm to N.A.	
31.12	9.64		German Freedom Sender	11pm-2:30am irreg.	*
31.12S	9.64	CXA8	Colonias, Uruguay	2-4, 8-11pm (Sun. to 1am)	
31.12S	9.64	KZRH	Manila, Philippines	2-11am	*
31.14	9.63	2R03	Rome, Italy	2-2:30am, 12-1:30, 2:20-6, 6-7:55, 8-11:20, 11:30pm-12:30am to NA...News, 4, 5, 30, 9, 10:30am-12:30, 3:30-9:15pm. /10:30pm.	

31.19	9.62	CXA6	Montevideo, Uruguay	7am-11:30pm	
31.19	9.62	TIPG	San Jose, C.R.	12:55-1:40am to W.NA, 3:25-4:25am...News- 7/1a	
31.21S	9.61S	VLQ	Sydney, Australia	11pm-12:15am	
31.22	9.61	KEYU	Mexico D.F., Mexico	11am-3:15pm	
31.22	9.61	DXB	Berlin, Germany	11:45pm-1:45, 3:15-9, 9-10:15am; Sun. 1:10-1:45, 3:30-8, 9-10:20am.	
31.23	9.60S	ZRL	Capetown, So. Africa	7-8am, 12-1:30, 6:30-10:30pm.	

31.23	9.60S	HP5J	Panama City, Panama	6-10am	*
31.23N	9.60S	JLP	Tokyo, Japan	Irreg.	
31.25	9.60	RAN	Moscow, U.S.S.R.	1:30-4, 4:15-5:45pm to Africa...News- 4:10-5pm /3:45pm.	
31.25S	9.60	GRY	London, England	1:30-3:30, 6:30am-12:30...News 7:30, 11am.	
31.27	9.59S	EIRE	Athlone, Ireland	3-4:45, 4:50-11pm to S.A.	*
31.28	9.59	VUD3	Delhi, India	10:25-11:10am to W.NA...News- 10:30am.	
31.28N	9.59	PCJ	Huizen, Holland	3:30-8:30am...News- 8:20am	
31.32	9.58	VLG	Melbourne, Australia	12:15-1:20am, 11:45-Noon, 12:45-3, 3:15-3:45, 4:15-11:45pm to NA...News- 5:45-8, 3-4:30am /9, 11:30 p.m.	
31.32	9.58	VLR	Melbourne, Australia	12:30-3, 4:50-1am to SA...News- 12:30, 2:30, 6:00, 8:15, 10:30pm	
31.32S	9.58	GSC	London, England	4-10am.	

31.35	9.57	VUM2	Madras, India	12:30-9:30am, 3-6pm.	
31.35S	9.57	DXZ	Warsaw, Poland (Berlin)	4-10am.	

31.35	9.57	KZRM	Manila, Philippines	12:30-9:30am, 3-6pm.	
31.37S	9.56S	RV15	Khabarovsk, U.S.S.R.	4-10am	
31.37	9.56S	J--	Tokyo, Japan	4:50-11pm to SA	
31.38	9.56	DJA	Berlin, Germany	6-8am...News- 6:20, 7:50am.	
31.38	9.56	VW2	Perth, W. Australia	7-10:30pm approx.	
31.39	9.55S	OAX4K	Lima, Peru	7:55am-12 mid.	
31.39	9.55	XETA	Monterrey, Mexico	4:40-10:40pm, 5:30-7:40, 10:40pm-2:20 am.	
31.40S	9.55	YDB	Soerabaja, Java	2-3:55am	
31.40	9.55	VUB2	Bombay, India	4:15pm-7:45am.	**
31.41S	9.55	WGEA	Schenectady, N.Y.	1-2am to NA, 8-9:30am, 4-5pm...News- 1:30am	
31.43S	9.54S	MTCY	Hsinking, Manchukuo	12:30-9:30am, 3-6pm.	
31.43S	9.54S	RV-	Khabarovsk, U.S.S.R.	7-11pm	
31.45F	9.54	OAX5C	Ica, Peru	German Freedom Station 7 mins. before hour, 2-9pm approx.	
31.45V	9.54			Veracruz, Mexico 1:15-9am approx. /10am to S. Asia	
31.45	9.54	XEFT	Melbourne, Australia	12-12:35, 3:50-5am...News- 4:20am.	
31.47	9.53S	VPD2	Suva, Fiji's	10:25pm-1:25am to W.NA, 1:30-3, 4-10, 10-11 am, 12:30-1:30pm...News- 10:30pm, 12:30am.	
31.47	9.53S	JZI	Tokyo, Japan		

31.47S	9.53S	HER4	Berne, Switzerland	6:45-8:10pm to S.A.	*
31.47	9.53S	SBU	Motala, Sweden	4:20-4:35, 8-9pm to NA...News- 8:03pm.	
31.48S	9.53	WGEO	Schenectady, N.Y.	4:15pm-7:45am.	
31.48	9.52S	VUC2	Calcutta, India	2-4:30am.	
31.50S	9.52S	DXV	Warsaw, Poland (Berlin)	11am-11pm	
31.50	9.52S		Bratislava, Slovakia	Mon/Wed/Fri/ Sat 6-7pm. /started.	
31.50	9.52S	ZBW3	Hongkong, Hongkong	Off the air since the siege of the city-	
31.50N	9.52		Paris, France (*Paris Mondiale")	1-3:30pm.	
31.50S	9.52	Y	Paris, France (Berlin)	4:50-11pm to NA...News 6, 8:15, 10:30p	
31.55S	9.51	GSB	London, England	1:10-4:57, 10:30am-1:15, 4-4:15, 4:30-4:45, 6-9:45pm to S.A.	
31.57S	9.502	KZIB	Manila, Philippines	3-10am; 1-2:40am ex. Fri/Sat.	*
31.58	9.50	XEWW	Mexico D.F., Mexico	8am-1:45am.	
31.60	9.49S	OFD	Lahti, Finland	1:05-2:7, 10-8, 11:05pm-12 mid. to NA.... News- 1:15, 7:20, 11:15pm	

31.65	9.48	CP38	La Paz, Bolivia	6:30-9:30pm	
31.65S	9.48	XGOY	Chungking, China	10-10:25am to NA...News- 10am.	
31.65	9.48		German Freedom Sender	7 mins. before hour, 2-9pm approx.	
31.67	9.47S	VONG	St. John's, Newfoundland	7:30am-3:30pm...News- 11am.	
31.69N	9.47	CR6RA	Luanda, Angola	2:30-4pm.	*
31.70	9.46S	TAP	Ankara, Turkey	9am-4pm; 6:50-7:30pm (6:50-7 CBS, 7-7:15 N.Y. Times, 7:17-7:19 NBC, 7:20-7:30 news)	
31.75	9.44S	OAX6D	Arequipa, Peru	5pm-12 mid.	
31.75S	9.45	GRU	London, England	12:30-12:45, 9-10:15, 10:30-11:15am, 12:15-1:15, 1:30-1:45, 2-3:20pm.	
31.77	9.44S	HCETC	Quito, Ecuador	7:45-10:15pm; Sun. 3-5pm.	
31.80	9.43S	COCH	Havana, Cuba	6am-11:55pm.	
31.86	9.420	GRI	London, England	5:57-7:30am to NA, 11:45am-4p.m...News 6pm.	
31.88	9.41	FGA	Dakar, Senegal	2:15-4 or 5pm.	

32.05	9.36	COBC	Havana, Cuba	8am-12 mid.; Sun. 7am-10:30pm	
32.12	9.34	OAX4J	Lima, Peru	8-9am, 12-3, 6pm-1am.	
32.22	9.31	HC2AK	Guayaquil, Ecuador	6-11pm (to 1:15am on Sun.)	
32.28	9.29S	HI2G	Trujillo City, D.R.	7:10-8:40, 11:40am-2:10, 5:10-9:40pm.	
32.36V	9.27	COCX	Havana, Cuba	9am-12 mid.; Sun. 8am-12 mid.	
32.40S	9.26		Bucharest, Roumania	3-5:05pm	*
32.64	9.19	HC2ET	Guayaquil, Ecuador	7:30am- 12:30am; Sun. 8:30-10:30pm.	
32.88	9.12S	HAT4	Budapest, Hungary	8-10pm...News- 8:20pm.	
33.24	9.02S	COBZ	Havana, Cuba	7:45-1am; Sun. 7:45am-11pm.	
33.48	8.96	COKG	Santiago, Cuba	6:42am-12 mid. irreg.	
33.48	8.96	TPZ2	Alger, Algeria	2-3, 7-9am, 1:30-3, 4-6pm.	
33.90	8.95	COCQ	Havana, Cuba	5am- 1am.	
34.13	8.79	KZND	Manila, Philippines	6:25-7:30am...News- 7:20am.	*
34.48	8.70	COCO	Havana, Cuba	5am-12 mid. (to 1am Sun)	
34.62	8.66S	COJK	Camaguey, Cuba	11:30am-12:30, 3:30-6, 8-8:30pm	
34.95	8.58S	YNRS	Managua, Nicaragua	8-9am, 6:40-11pm	
35.44S	8.46S	XPSA	Kweiyang, China	5:30-11am, 3-5pm...News- 9, 10am.	
37.27	8.05	XOJD	Canton, China	5-7am irreg.	
37.36	8.03S	CNR	Rabat, Morocco	2:15-2:45, 7-8am, 12:30-4:30, 6:30-7pm.	
37.36	8.03	FXE	Beirut, Lebanon	12 mid.-12:30am irreg.	
37.50N	8.00	FTAG	Duala, Cameroons	1:15-1:30pm	
38.00	7.89S	HH1N	Trujillo city, D.R.	9:45-10:30pm irreg.	
38.00	7.894	YSD	San Salvador, El Salvador	7-11pm with HUB	
38.15	7.86S	SUX	Cairo, Egypt	12:30-4pm (Arabic)	
38.20	7.854	HC2JSB	Guayaquil, Ecuador	8-10pm irreg.	
39.16	7.66	YNDG	Leon, Nicaragua	8:30-11pm ex. Sun.	
39.40	7.61S	YNLAT	Granada, Nicaragua	8-10:15pm	
40.05	7.49	YN2FT	Granada, Nicaragua	8-10pm	
40.30	7.44S	FG8AH	Pointe-a-Pitre, Guadeloupe	6-7:15pm...News Mon/Th 6:30pm.	

41 METER BAND

40.98S	7.32	GRJ	London, England	2:15-3:45pm, 11:30pm-3am.	
40.99	7.317		Salisbury, So. Rhodesia	12 noon-3pm	
41.10F	7.30		Ponta Delgada, Azores	3-4pm.	*
41.15	7.29	VUD2	Delhi, India	9-11:30pm	
41.15N	7.29	DJI	Berlin, Germany	4:30-4:45, 4:50-11pm to S.A.	*
41.18N	7.28S	JLG	Tokyo, Japan	6-10am /10:30pm,	
41.27S	7.27	DXM	Berlin, Germany	11am-4:45, 4:50-11pm to NA...News 6, 8:15,	
41.34N	7.257	JVW	Tokyo, Japan	6-10, 10:30-11:30am, 2-5:30pm...News 9:50a,	

41.38S	7.25	VLQ9	Sydney, Australia	7:25-8:10am to E.N.A., 3:25-4:25am...News	
41.38	7.25	ZHP3	Singapore, S.S.	6-10:15pm	/-7:30am
41.44	7.24	VUB2	Bombay, India	2-3:45, 6-8:45am, 9-11pm	
41.44	7.24	CSW8	Lisbon, Portugal	3am, and 4:40-6:45pm. Anyone hearing?	
41.44S	7.24	DXJ	Berlin, Germany	11:30am-3, 3:30-3:45, 4:50pm-lam to NA....	
				News- 11:30am, 3:30, 6, 8:15, 10:30pm, 12 mid	
41.49S	7.23	GSW	London, England	11pm-4:45, 6-10:30, 11am-5:45pm	
41.55	7.22	R011	Rome, Italy	11:30am-6pm approx.	
41.55	7.22	YDX	Medan, Sumatra	6-11:30am; 10:30pm-2am	
41.61	7.21	VUC2	Calcutta, India	2-4:30, 6:30-10:15am, 9-10:30pm	
41.61	7.21		Salisbury, So. Rhodesia	4-4:30, 6-6:15, 10:45-11:30am.	
41.67S	7.20		Moscow, U.S.S.R.	3:15-6am approx.	
41.96S	7.15	GRT	London, England	12:45-4am, 2-4, 5:30-5:45pm.	
42.02	7.14	EAJ22	Oviedo, Spain	2-5pm	
42.24	7.10	F08AA	Papeete, Tahiti	Tues/Fri 11pm-12:15am	
42.31	7.09		Athens, Greece	2-4pm.	
42.37	7.08	YI5KG	Baghdad, Iraq	9am-2pm	
42.46n	7.065	GRS	London, England	1:10-3:15 a.m.	
42.65S	7.037		Valencia, Spain	2:30-6pm	*
42.98	6.98	JVS	Tokyo, Japan	Irreg.	
43.67F	6.87	YNOW	Managua, Nicaragua	7-11pm or later.	/10:40pm
44.18	6.79	PZH	Paramaribo, Dutch Guiana	Tues/Fri 5:40-8:40pm; Sun. 8:40-	
44.28	6.775	HIH	San Pedro, D.R.	7-8:10pm; Sun. 5:20-6:40pm	
44.40	6.7575		Salisbury, So. Rhodesia	12:55-3pm ex. Sun.	
44.64	6.72	PMH	Bandoeng, Java	Heard near 1:30pm	
44.81	6.696	TIEP	San Jose, C.R.	7-8am, 7pm-12 mid.	
49 METER BAND					
45.05n	6.660		?, Ecuador	5-6pm.	
45.22	6.635	HC2RL	Guayaquil, Ecuador	Sun. 5:45-7:45, Tu. 9:15-11:15pm	
45.25	6.63	HIT	Trujillo City, D.R.	12:10-1:40, 4:40-8:40pm	
45.63	6.575	YSPB	San Salvador, El Salvador	Nightly to 11:58pm.	
45.80	6.555	HI9T	Puerto Plata, D.R.	Daily to 8:40pm; Sat. to 10pm, or later.	
45.87	6.54	YN1GG	Managua, Nicaragua	1-2:30, 8-10pm ex. Sun.	
46.15	6.50	HIL	Trujillo City, D.R.	12:30-2, 6-9:30pm ex. Sun.	
46.26	6.485	HILL	Santiago, D.L.C., D.R.	5:30-7:30pm ex. Sundays.	
46.37	6.47	TGWB	Guatemala, Guatemala	8-9, 12:45-3:45, 7:30pm-12:15am; Sun.	
				10:30am-5:15, 7:30pm-12:15am	
46.48	6.455	COHI	Santa Clara, Cuba	6:42am-12:15am.	
46.58	6.44	HILS	Santiago, D.R.	5:40-8:10pm ex. Sun.	
46.84	6.405	TGQA	Quezaltenango, Guatemala	8-10:30pm; Sat. 8pm-lam, Su. 7pm-3am	
46.95	6.39	HI9B	Santiago, D.R.	5:40-7:40pm	
47.10V	6.37	COCQ	Havana, Cuba	6:30am-lam.	
47.20	6.357	HRP1	San Pedro Sula, Honduras	6-7:30am, 6-10:30pm	
47.32	6.34	HI1G	Trujillo City, D.R.	7:10-8:40, 11:40am-2:10, 3:40-9:40pm	
47.39	6.33	COCW	Havana, Cuba	7:55am-12:15am.	
47.47	6.32	SUP2	Cairo, Egypt	11:30am-12 noon (French)	
47.50	6.316	HI1Z	Trujillo City, D.R.	11:40am-12:40, 5:10-10:10pm.	
47.68	6.29	OAX1A	Chiclayo, Peru	7:30-11:30pm	
47.85	6.27	YSR	San Salvador, El Salvador	7-11pm	
47.96	6.255	CP12	La Paz, Bolivia	7-9pm	
48.04S	6.245	HI1N	Trujillo City, D.R.	6:40-8:7:40, 11:40am-1:40, 7:10-10:20pm	
48.08	6.24	HRD	La Ceiba, Honduras	8-10:30pm; Sun. 4-6pm.	
48.08	6.24	HJCF	Bogota, Colombia	7-11pm	
48.34	6.206	HI1X	Trujillo City, D.R.	Mon/Wed/Sat 7:10-10:10pm, Th. 7:40-8:40,	
48.35	6.205	OAX3A	Huancayo, Peru	8-12 mid. approx.	/Fri. 8:10-10:10p
48.39	6.20	CS2WD	Lisbon, Portugal	3-6pm.	
48.39	6.20	CP5	La Paz, Bolivia	6:15-8am, 6:30-11pm	
48.43	6.196	TG2	Guatemala, Guatemala	7:30-10am, 6-11pm, Sat. 6pm-3am, Su. 3-8pm.	
48.43S	6.20	GRN	London, England	3-4, 5:30-9:45 to S.A.	
48.47	6.19	HILA	Santiago, D.R.	3:40-5:40, 6:40-9:40pm	
48.47	6.19	WGEA	Schenectady, N.Y.	9:30-10:40pm irreg.	
48.47S	6.19	JLT	Tokyo, Japan	1:30-3am, 1:55-5:30pm...News- 1:30am, 2, 5	
48.47S	6.19	OAX4G	Lima, Peru	6pm-12:30am (to 2am Sun.)	/2:15pm/pm
48.47	6.19	HVJ	Vatican City	Mon/Sat 1-2:30, Tu/Fri 1-2:45; Wd/Th 1-	
48.48S	6.188		Saigon, Fr. Indo-China	5:15-9:30, 10:30-11am, 7-7:20pm...News	
48.51	6.185	TIRCC	San Jose, C.R.	Tu/Th/Sat 6-7pm; Sun. 8-9pm.	/6:30am
48.54	6.18	LRA2	Buenos Aires, Argen.	6-9pm; Sat/Sun 7-9pm.	
48.54	6.18	KEXA	Mexico D.F., Mexico	8:30-11am, 2:30-4, 7:30pm-12:30am	
48.54S	6.18	GRO	London, England	10:30-11:15am, 8-9:45pm.	*
48.58	6.175	ZHP2	Singapore, S.S.	4:40-9:40am...News- 6, 8, 9:30am.	*
48.62	6.17	CR7BE	Lourenco Marques, Mozambique	4:30-5:30pm.	
48.66S	6.165	HER3	Berne, Switzerland	12:20-1:40, 6-7:45am, 12 noon-4:30pm	
48.66	6.165	TILS	San Jose, C.R.	7-9:30am, 12-2:30, 6-11pm (to 2am Sun.)	
48.70	6.16	HJCD	Bogota, Colombia	10am-12 noon, 4-11pm	
48.70	6.16	CBRX	Vancouver, B.C., Canada	Relays CBR 10:30am-3am...News- 11am	
48.74	6.155	EQB	Teheran, Iran	10am-3pm...English talk at 1:50pm.	
48.78	6.15	HI3C	La Romana, D.R.	Heard 7:20-8am, 4:55-6 or 8pm	
48.78	6.15	TIRH	San Jose, C.R.	Heard to 11:35pm	
48.78	6.15	ZRD	Durban, So. Africa	11:45pm-1:45, 3:30-7, 9am-4pm; Sun. 1:10-1:45, 5:30am-4pm.	
48.82S	6.145	HJDE	Medellin, Colombia	9:30am-10:30pm	
48.86S	6.14	KZRF	Manila, Philippines	3-10:30am; Sun. 6pm-10:30am.	
48.90S	6.135	FK3AA	Noumea, New Caledonia	2:30-3:30am, 8-9am, Sun. 12:40-1:35am.	
48.93S	6.132	CHNX	Halifax, N.S., Canada	8am-11pm; Sat. 8am-11:30pm...News, 6, 10am	
48.94S	6.13	VUD2	Delhi, India	8:15-10am, or later.	/am, 3:05-5:30
48.94F	6.13	ZFY	Georgetown, Br. Guiana	6-6:30am, 3:45-5:45pm ex. Su; Su. 6am-11	
48.98S	6.125	MTCY	Hsinking, Manchukuo	2-9am	
48.98	6.125	CX44	Montevideo, Uruguay	6-11pm.	
49.00	6.122	HP5H	Panama City, Panama	6-11pm	/pm-12 mid.
49.02	6.120	OFD	Helsinki, Finland	1-2:30am, 7:30-8:30, 10am-5:15, 7:05-8, 1105	
49.02	6.119	KEUZ	Mexico D.F., Mexico	9am-1, 7pm-2am	
49.08	6.115	HI6H	Trujillo City, D.R.	9:40am-8:40pm	
49.08	6.115	RV--	Khabarovsk, U.S.S.R.	6-9am, 4-7pm	
49.10	6.11	CP2	La Paz, Bolivia	4pm-12 mid.	
49.10S	6.11	GSL	London, England	4:15-11:45pm to NA, 1:10-2:45am to West	
				Canada...News- 5:45, 8, 9, 11:30pm, 1:15am.	
49.14	6.105	PRE9	Fortaleza, Ceara	4-9:05pm	
49.14	6.105	HJFB	Manizales, Colombia	5:30-10pm ex. Sun.	
49.14	6.105	KZRC	Cebu, Philippines	3-9:30am, 5-8, 10pm-12 mid.	*
49.18S	6.101	XOJD	Hankow, China	4-9am approx.	*
49.20	6.097	ZRK	Capetown, So. Africa	11:45pm-1:45, 11am-4pm...News- 1:15am.	
49.21	6.097	HJFK	Pereira, Colombia	7-8am, 6:05-10:30pm (to 2:30am Sun. irreg)	
49.21N	6.095	PRF3	Sao Paulo, Brazil	4:30-9:45pm	
49.25S	6.090	ZNS2	Nassau, Bahamas	8-8:30am, 1-2, 5:55-9:15pm (Sun to 9:35)	
49.25	6.09	CXFX	Vancouver, B.C., Canada	Relays CBWS to 3am.	
49.25S	6.09	CBFW	Montreal, Canada	6:30am-11pm relays CBF French programs.	
49.25	6.09	RV--	U.S.S.R.	3:10am on--	*
49.33	6.082	OAX4Z	Lima, Peru	7-11pm or later.	
49.34	6.08	GRR	London, England	12:30-1am, 12:30-12:45, 6:20-6:35pm	
49.42	6.07	CFRX	Toronto, Canada	6:45am-12:30am; Sun. 1aOm-11:30pm...News	
49.42F	6.07	TIWS	Puntarenas, C.R.	7:30-10pm; Sun. 2-8pm	/11pm
49.42	6.07	CR8AA	Macao, Macao	5-9am.	*
49.46	6.065	SBO	Motala, Sweden	4:20-4:35pm	
49.50n	6.06		Tananarive, Madagascar	9:30 or 10:30 to 11:30am.	*
49.50	6.06	WCAB	Philadelphia, Pa.	5:15-6, 6:05-8, 8:15-11:55pm ex. Sa/Su; Sa.	
				5-11:55pm; Sun. 5-11:55pm.	
49.50	6.06	VQZLO	Nairobi, Kenya	12 noon-2:15pm	
49.51	6.058	KZTB	Manila, Philippines	4-10am; 1-2:40am ex. Fri/Sat.	
49.55	6.054	HJFA	Pereira, Colombia	9am-Noon, 6:30-10:20pm.	/8:30am, 5pm.
49.59S	6.05	GSA	London, England	11pm-4, 6-10:30, 11am-7:15pm...News- 2:45,	
49.59	6.05	OAX6A	Arequipa, Peru	6-11pm	
49.59	6.05	HP5F	Colon, Panama	7-9pm	
49.59	6.05	RV--	Khabarovsk, U.S.S.R.	12:30-9:30am.	
49.62	6.04	XETW	Tampico, Mexico	7pm-1am.	
49.66S	6.04	WRUL	Boston, Mass.	9:30-10:15pm ex. Sa/Su; 5:15-9pm on Sat.	
49.66S	6.04		Bangkok, Thailand	7-10 or 10:15am...News- 7am/4:30-7, 10-2p	
49.73	6.035	CR7AA	Lourenco Marques, Mozambique	12-1, 4:30-7, Noon-4:15pm; Sun.	
49.73	6.03	HP5B	Panama City, Panama	10:30am-2, 6-10pm.	/10:30pm, 12 mid
49.73S	6.03	DXP	Berlin, Germany	9-11am, 4:50pm-lam to NA...News- 6, 8:15,	
49.73	6.03	CFVP	Calgary, Alta., Canada	10am-2am	
49.73	6.03	MTCY	Hsinking, Manchukuo	2-9am	*
49.75	6.03	RV--	Khabarovsk, U.S.S.R.	3-6am approx.	
49.75	6.03	XEKW	Morelia, Mexico	8am-1, 5-11:40am	
49.78	6.026	HI1J	San Pedro, D.R.	11:40am-1:40, 6:10-8:40pm, or later.	
49.80	6.023	XEUW	Veracruz, Mexico	7am-1am	

AMA-TOURING

DEVOTED EXCLUSIVELY TO RECEPTION ON THE AMATEUR BANDS

Editor: Roger Legge, 20 Beethoven St., Binghamton, New York; Asst., LeRoy Waite.

REPORTS FOR AMA-TOURING—Notes for February Ama-Touring must be in the hands of Roger Legge on or before Jan. 10. Any items pertaining to reception of amateurs anywhere are welcome. Frequency and hour heard should be given whenever possible

With the arrival of war, all amateurs bands is during the early evening, near in the U.S. and possessions are of 6 to 7 p.m. EST. The 20 meter band is course off the air. It is too early yet usually "dead" later in the evening. On to determine which of the Latin Ameri- 40 meters, stations from southern South can countries will permit their ama- America (LU-CE-CX) are heard much bet- teurs to remain on the air. In mid-De- ter now that the W qrm is absent. Janu- cember, amateurs in most of the Latin ary is usually a good month for 40 me- American countries were still on the ters, so during the month the 7 mc. band seems likely to provide a better oppor- tunity than 14 mc. for hearing the few month have not been good on either 20- amateurs that are still on the air. Let or 40 meters. Best reception on both us hear what you are hearing.

30 METER PHONE

CANTON ISLAND W7DBR/KF6 verified with white card, with KF6 in 3" red letters, W7DBR in small blue letters. He is now W6UMP, and present qrm is: Robert Kent- ner, 3069 Mt. Blvd., Oakland, Calif. (Legge)

CHINA XUSAR qsl'd with card with gold letters & border, green background. XUSMY -220 watts- sent red, white & blue card. Said the period of July 28-Aug. 10 was the best DX time he experienced in 7 years of operating. Heard & worked many W. Indies, Central & So. American hams he never heard before. (Kriebel)

GUAM KB6GJX qsl'd with a nice card, mentioning he was only on the air for 25 days when the island was placed under censorship (Herb Allen)

URUGUAY CX2CO (14.06) heard contacting W2JT in English. The latter a member of the Inter-American Escadrille, had been authorized to work Latin American sta- tions (Lyerly)

40 METER PHONE

"Radio Experimental," Bogota, on 7.10 mc., heard contacting amateurs late eve- nings. HH2ER (7.11) heard frequently in English & French; the operator is Ernst Walker. Others heard evenings: CX4CS (7.08), LULDA (7.17), LU4PB (7.15), HC2KB (7.00), HK3CQ (7.06), HK5EJ (7.05), HK6FC (7.22), YV1AU (7.07), YV1AW (7.03), YV5AG (7.23), TG5JG (7.16), XE3AM (7.07), COLAG (7.03), CO5RP (7.05), CO6ES, (7.02), CO7AQ (7.05), ZP4AA (7.09), PY2PB (7.09), CX1AL (7.04) (Legge)

NEW QRA'S

CO8BF - Enrique M. Caminero, Apartado 424, Santiago de Cuba.
K4HVV - Clarence Lake, Comm. Sec., 35th Bomb. Sqdn. (H), Borinquen Field, Puerto Rico
K4IAS - Claud Smith Jr., 48th Air Base Group, 47th Air Base Sqdn., Losey Field, Ponce, Puerto Rico.

K6UDS - Thomas Woodward, Qtrs. 18, Fort Kamehameha, Honolulu, T.H.
K7GNN - James G. Sherry, Homer, Alaska.

QSL'S RECEIVED

N. Kriebel:- XUSAR, XUSMY, KALAT, KA7FS, CP5EA, FFZ, TI2AB, TI5JO, OALA-4E, CELAK-3BF-3CK, LULBC-1FB-3AT-4DE-5EZ-7DX-7EO-7FW-7LE-8BN-8GI, CX1AC, CX3BH, YV1AG-5ACH, PY1HW-, PY2DW, XE3X-3Y. Alan Breen: XUSMG, XUSAR, CE3BE, LU6AJ. Art Hankins:- KB4HBX, KB6CBN, K4GPP-4HHR-4FAB, K6QUD. Roy Waite: PY2AY, PY3GD, KC4USA, KRTK, KZND, KALAC, SM5OL*, HK7GB, VLR4, NY4AB. Rog. Legge:- VK4NK*, KALAT, K7CBF, K7GNN, NYLAE, W7DBR/KF6, CX1GJ-2AX, YV4AX-5AD-5AX, PY2OU-2FO, LU2DE-1BC-8DH-6AJ-7DX, LULFB, OA4D-4E, CO8AM-8MC, CE2BP, TI5JO, CUZ, CUY, CUT2, PUS, XGRS, ZFY.

JOTTINGS

Buck Boyd writes he has been able to obtain 300 more of the official KC4USA cards. Anyone who has not yet received a KC4USA card should send a report at once. The qra is still: Vernon D. Boyd, Post Ordnance Office, Ft. Hamilton, N.Y. The sending out of KC4USB cards has apparently not started as yet. Two letters to Felix Ferranto, operator of KC4USC, have not been answered, so it is not known whether KC4USC cards will be printed. However, he has signed & returned a reply card in a few cases, so for those who wish to send a reply card to him, the qra is: S/Sgt. Felix Ferranto, Post Signal Det., T.E.S., U.S. Marine Base, Quantico, Va. He

EX-57BUDU-OMITB-XU2ZA-K6NDH-W6NDH.

XUSMA, Dr. Wm. Malcolm (80 years young) writes, "Since returning from Canada, I have not been very active as the war has closed down qso's with all British and American stations. Have been on the air about 17 years, doing much dx and traf- fic work with the entire world, particularly with W & KA. I had lots of fun on my late visit to N.Y., Washington, etc., contacting many of my old friends." (Lyerly). . . OALA is from Tulsa, Oklahoma. He is now 400 miles north of Lima- and in the most westerly part of South America. (Kriebel). NY4AB finally qsl'd a report sent in June 1939. PK3GD sent 4 snapshots & card for 1940 report (Waite) . . . K7GNN sent white card with red call & totem pole. QSL of CE2BP has a large red & black call, a dondon on mt. peak. NYLAE sent nice card with silver call.

LATIN-AMERICAN GOOD-WILL PROGRAMS

EST-					EST-
Jan. 8	Thurs.	11:30pm-12 mid.	PRF3, Sao Paulo, Brazil	NNRC	11765kc
Jan. 9	Fri.	12 mid.-1:00am.	PRF3, Sao Paulo, Brazil	IDA	6095kc
		Address: Decio Pacheco Silveria, Caixa Postal 252, Sao Paulo, Brazil.			
Jan. 9	Fri.	10-11pm	COK, Havana, Cuba	SWC	11616 kc.
Jan. 13	Tues.	3:00-4:00am.	YV6RC, Barcelona, Venezuela	NRC	3450kc
		Address: Luis J. Arreaza Almenar, YV6RC, "La Voz de Anzoategui, Barcelona.			
Jan. 16	Fri.	10-11pm	COK, Havana, Cuba	IRM	11616 kc
Jan. 20	Tues.	1:00-2:00am	HP5K, Colon, Panama	GNSWLC	6005kc
Jan. 23	Fri.	10-11pm	COK, Havana, Cuba	IDA	11616 kc

IDA PERSONAL NOTES

George Cryder, R.R. # 3, Box 358, Delaware, Ohio, has for sale a used instructograph Jr. Model, complete with 5 tapes, buzzer and the batteries, all like new- for \$8.50 pp. . . . Warren Dame, 1518 Concord St., Saxon ville, Mass., has about 500 or 600 match covers he would like to get rid off, pre- ferably in a swap for stamps. . . F. Hutch- ings, Auckland, N.Z. -- "As Pres. of the New Zealand DX Club, I take this opportunity to wish all members of the IDA the Sea- sons Greetings and all best wishes from the dx'ers from down under" . . . Thos. Moss, Hapeville, Ga., had the hard luck to obtain his amateur license W4HYW just a few days before the hams were closed down for the duration. . . Warren H. Stark, Wauwatosa, Wisc, managed to receive QSL's from all forty- eight states on 20-meter phone before the stations were closed down. . . Steve Mann, Dartmouth Univ., recently had the pleasure of meeting Bob Skyten & Ray La Rocque. . . . Chas. Mouzis, is the new Pres.; Kay Wil- liams, the new Sec. of Beer City Chapter, Milwaukee. . . A.M. Pleyte, Eustis, Florida, is

hard at work, arranging Latin-American Goodwill programs for listeners in NA . . . Radio Op. Roy Cattell, just home from a trans-Pacific run abroad the M/S American Builder, has now shipped out on the SS Acadia, running from NYC to Trinidad. . . Member Leon A. Hutchin- son, 8 Willow St., Milford, New Hamp- shire, seriously ill for a long time, has gotten to the point where he cant lie down on account of shortness of breath. A line to him at this time of the year would be fraternally timely. . . Eric Butcher, who contracted a foot infection, while shipping between P.R. and East Africa, is now hospitalized at Calle Guadalupe 108, Ponce, P.R. He says "Blackout" begins there at 9 p.m. Bud Brehmer, Mamaroneck, N.Y. after a long illness is much improved. . . Warren Reichardt, Reading, Mass., formerly one of the leading dx'ers in the U.S. has again succumbed to the lure of the dials. . . A.T. Bowen, Centerline, Mich. has enrolled in the radio school of the navy.

(Cont. from Page 6)

(Hetzal-C) . . . ZHP2 (6.17), very poor now (Balbi-W)
NEW CALEDONIA FK8AA (6.135), operates 2:30-3:30 & 8-9am; also Sun. 12:40-1:35am; all announcements in French. Open programs with "Marseillaise," followed by "God Save the King," then "Star Spangled Banner." (**Lyerly-C, Cattell-American Build)
PHILIPPINES KZIB (9.502), Manila, now opens at 3am; heard well on west coast (Balbi-W) . . . KZRC (6.105), Cebu, heard fair on west coast (Balbi-W) . . . KZRF (6.14), now broadcasts 3-10:30am; good on west coast (Balbi-W, Fern-Hawaii) . . . KZRH (9.64) opens at 2am with Chinese hour; poor on west coast but fair in central states 9-11am (Fern-Hawaii, Simpson-Austr., Balbi-W, CAM-C) . . . KAY (14.98) & KAZ (9.990), Manila, commercials, are frequently used for network pickups (Legge-E, CAM-C).
SYRIA "Radio Francais Libre d'Orient" is now on 8.89 mcs (Fern-Hawaii)
THAILAND HSP5 (11.715) & 6.04, now operates 7-10am, sometimes to 10:15am; news in English at 7am given by woman announcer (**Balbi-W, Simpson-Austr.)
TURKEY TAQ (15.195) now on to 8:30am; TAP (9.465) is being heard during the day on their regular program; best 10-11am & 2-4pm; news in French at 10:15am (**Skyten-E, Ferguson-E, CAM-C, Baxter-W, Simpson-Austr.)
S.S.R. Siberian stations reported this month follow: 4.58, 9-11:30am; 5.72, 15-5am; 6.05 & 9.565, 12:30-9:30am & 4-6pm, 6.09, 1:30am on-; 7.22, 3:15 am on

49.83	6.02	DJC	Berlin, Germany	10:40am-4:30pm to Africa...News- 4:15pm
49.88	6.015	XEWI	Mexico D.F., Mexico	To 12 mid.
49.88N	6.015	JLR	Tokyo, Japan	6-10am irreg. *
49.88	6.015	H13U	Santiago, D.R.	7:10-8:55, 11:40am-1:40, 4:40-5:40pm.
49.92	6.01	CJCX	Sydney, N.S., Canada	6am-1:30, 8-11pm...News- 6am.
49.92	6.01	PRAS	Recife, Pernambuco, Brazil	3-9pm. /8:40, 9:30am, 9, 10:30p
49.95	6.007	XYZ	Rangoon, Burma	1:30-10am, 9-11:30pm...News- 1:30, 6:45,
49.95	6.007	ZRH	Johannesburg, So. Africa	10am-4pm.
49.96	6.005	CFCX	Montreal, Canada	8am-1am, Sun. 9am-11:15pm.
49.96	6.005	ZOY	Accra, Gold Coast	6-7am, 1:15-2:30pm
49.96	6.005	HP5K	Colon, Panama	7-8am, 7-11pm...News- 8:30pm
49.96	6.005	CXA2	Montevideo, Uruguay	8pm-1am
50.00	6.00	XEBT	Mexico D.F., Mexico	10am-12:30am...News- 7:45pm, 12:20am.

50.04	5.995	TI7RVM	Guanacaste, C.R.	5:30-11pm
50.08	5.99	MTCY	Hsinking, Manchukuo	2-9am
50.13	5.985	XGOA	Chungking, China	2-4pm
50.21	5.975	OAX4P	Hunacayo, Peru	9-11pm
50.23	5.972	HCQRX	Quito, Ecuador	6:45-8am; Evenings to 10:45pm
50.25	5.97	VONH	St. John's Newfoundland	3:30-9:30pm ex. Sun...News- 3:45pm.
50.42S	5.95	XGOY	Chungking, China	7:20-8:50, 9-10am, 3-4pm. *
50.45J	5.947	HH2S	Port-au-Prince, Haiti	6:30-10pm (Wed. News- 9:40pm).
50.51	5.94	OAX2A	Trujillo, Peru	8-11pm
50.54	5.936	PJCL	6:36-7:36pm ex. Sun.	
50.85	5.90	TI7PH	TIX San Jose, C.R.	7:10-8am, 7-10pm, 10pm-12 mid.
50.85	5.90	ZNB	Mafeking, Bechuanaland	6-7am, 1-2:30pm
51.07	5.875	HRN	Tegucigalpa, Honduras	6-11pm; Sun. 6-9:30pm
52.17	5.75	YNJAT	Leon, Nicaragua	7-10:20pm
52.40	5.725	HCLPM	Quito, Ecuador	8-10pm ex. Sun.
52.45S	5.72		Khabarovsk, U.S.S.R.	2:45-6am approx.
54.00	5.56	HUB	San Salvador, El Salvador	1-2, 8:30-11pm with YSD.
58.31	5.14	PMY	Bandoeng, Java	5:30am-12 noon

60 METER BAND

60.42	4.965	HJAE	Cartagena, Colombia	7am-8, 7-10:30pm
60.48	4.96	VUD2	Delhi, India	6:30-8:30am...News- 7:30am.
60.67	4.945	HJCW	Bogota, Colombia	7-8am, 7:30-11pm (Sat. to 11:40pm)
60.85	4.93	HJAP	Cartagena, Colombia	9am-1:30, 7-10:15pm ex. Sun.
60.98	4.92	YV5RM	Caracas, Venezuela	4-11pm; Sun. 3:30-11pm
60.98	4.92	VUM2	Madras, India	5:30am-12 noon
61.18	4.905	HJAG	Barranquilla, Colombia	11am-11pm; Sun. 11am-8pm.
61.29	4.895	HJCH	Bogota, Colombia	11:30am-2, 6-11pm
61.35	4.89	YV5RM	Caracas, Venezuela	11am-2, 4-10:30pm; 9:30am-1, 4-10pm.
61.42	4.885	HJDP	Medellin, Colombia	8am-2, 6-11pm.
61.48	4.88	VUB2	Bombay, India	9am-12:15pm...News- 11am
61.54	4.875	HJFH	Armenia, Colombia	8-11am, 6-10:30pm
61.67	4.865	PRC5	Belem, Para, Brazil	5-8pm
61.73	4.86	YV5RU	Caracas, Venezuela	5-9:30pm; Sun. to 10:30pm
61.78N	4.855	HJCA	Bogota, Colombia	Melays HJCU evenings to 10 or 11pm.
61.83	4.85		Java,	7-10am
61.94	4.845	HJCD	Bogota, Colombia	10am-12 noon, 4-11pm
61.98	4.84	YUC2	Calcutta, India	10:30am-12 noon.
61.98	4.84	YV1RZ	Valera, Venezuela	11:30am-1, 5:45-8:45pm
62.11	4.83	YV2RN	San Cristobal, Venezuela	11:30am-12:30, 6-9pm ex. Sun.
62.17	4.825	HJED	Calif, Colombia	7-11pm ex. Sun.
62.24F	4.82	YV3RN	Barquisimeto, Venezuela	11:30am-1:30, 5:30-9:30pm
62.83	4.775	HJGB	Bucaramanga, Colombia	(Bal. of 60-Meter Band in Dec. G.C.)

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INTERNATIONAL DX'ERS ALLIANCE NORMAL. ILL.

Herewith attached you will find \$1.50 for one year's dues in the International Dx'ers Alliance, including subscription to the GLOBE CIRCLER.

NAME _____ ADDRESS _____

CITY and STATE _____ COUNTRY _____

REGIONAL MONITORS APPOINTED

The following expert listeners have been appointed I.D.A. Regional Monitors: August Balbi, Los Angeles; Melvin Fisher, Berkeley; L.J. Krumlinde, San Francisco; William Lyerly, Ft. Worth, Texas; Fred Borchardt, Milwaukee; Earl Roberts, Indianapolis; Gail Beyer, Chicago; John Wilson, Wilmington, Delaware; Roger Legge, Binghamton, N.Y.; Steve Mann, Hanover, N.H.; Ralph Gozen, Yonkers, N.Y.; Robert Skyten, East Brookfield, Mass; Grady Ferguson, N.C. These are the first of a network of strategically located Shortwave Listening Posts which are being set-up to aid IDA headquarters in vital monitoring activities.

E.S.T.

S H O R T W A V E N O T E S

E.S.T.

PACIFIC WAR ZONE NEWS: KZIB (9.502) heard irreg. from about 6 till XEWW (9.50), comes on at 8am; English news at 6:45am (Ferguson-E)... Daylight Saving Time in Australia goes into effect Jan. 1... VLG6 (15.23) and VLQ- (17.83), broadcast an English press bulletin for the A.I.F., 11:25 to 11:55am EST (*Skyten-E, Baxter-W)... VLG (9.58), has been testing, 1:55 to 2:25am (*Balbi-W)... Hsinking, Manchukuo is broadcasting on a new frequency of 10.05, in parallel with 11.775, daily 12:30-2am; English news 12:30am. (Balbi-W)... VPD2 (15.16), Suva, is broadcasting in French 12 mid, 12:30am. (*Baxter-W)... XGOY (5.95), Chungking, China, now broadcasts to N.A., 9-10:25 am. (**Ong-W)... XGOY (11.9) is sometimes used for relays to NBC (*Balbi-W)... JWV (7.257), Tokyo, one of the best heard Japanese outlets, may be tuned in 6-10, 10:30-11:30am, 2-5pm; English news at 7, 9:45am, 5pm (**Baxter, Balbi-W, CAM-C, Allen-E)

EUROPEAN HEADLINES: The Soviet Embassy, Washington, gives the schedule of English news-casts from Russia as follows: 7:50am, on 10.04, 14.41; 8:30am, on 10.04; 3pm on 8.05; 4:40pm on 7.35; 12 mid. on 10.04. Members report the following: 8am on 10.04 (Skyten-E); Sverdlovsk (12.06, 15.08, 14.91, 12.235), 6:45-8am; English at 7:45am (**Skyten)... Spain stations-- heard at 4:15pm operating in parallel on 7.025, 7.037 (Valencia), 7:11 (Oviedo), and 7.09 (*Legge-E)... Unidentified Berlin stations heard on 6.18, near 3pm; on 6.14, 3:30-4:30pm; also unidentified Rome station on 11.95, from 6pm on (*Legge-E)... Lahti is being heard over OFE (11.785), 7:10-8pm, peaking 7:10-7:30pm; over OFD (9.49), 11:10pm-12 mid (*Borchardt-C, Legge-E)... Station believed to be Athens, Greece, being heard on 7.00, to 4pm with German program (**Skyten-E)... HATH (9.125), Budapest, again being heard with strong signals 8-10pm (CAM-C)... Unidentified, believed to be "Freedom Station" heard on 9.85, 3:20-3pm, in English (Borchardt-C)...

GENERAL NOTES: The peculiar "clicking" signal used over "Radio Brazzaville" is caused by the plucking of a native instrument made of a piece of wood with short wires attached called the "Kissantzi" (**Moreland-C)... KNBC, 500w, NBC relay, Hollywood, is testing 10am-5pm on 12.862; 5:10-8pm on 9.135; 8:10pm-3am on 4.975 (*Balbi-W, Borchardt, Schrock-C)... WCW (15.85), Press Wireless, heard putting on program tests at 11:30am (Whitehouse, CAM-C)... WCRC, Brentwood, L.I., first of the two new CBS 50 kw transmitters, went on the air Jan. 1, 12:01am EST. (**CBS)... WRUS, new sister station to WRUL-WRUW, Boston, is testing with temporary power of 5 kw, on 6.04, 11.73, 11.79, 15.13, 15.35 & 17.75 (FCC)... New San Francisco Station will use call KWID (FCC)... WIAW, ARRL, Hartford, Conn., broadcasts official communique to amateurs, nightly 11:05pm on 1.916, and 11:15pm on 3.95 mcs. (**Schrock-C)... NEW: TIJMT (11.90), "Radio America-Latina," Apartado 849, San Jose, C.R. is heard evenings from 5:55pm (Legge-E)... ZQI (4.7), Kingston, Jamaica, now operates also on Sun. 5:15-5:30pm with a special review of the week; now signs-off with "Star Spangled Banner" & "God Save King"