

THE GLOBE CIRCLER

COMPLETE GUIDE-BOOK FOR SHORT-WAVE LISTENERS



Hub of NBC's busy news room is this desk where all calls are received and over which all teletype copy from Press Associations must pass before being edited. Latest bulletins from the critical southwest Pacific area are rushed directly from this desk to waiting announcers.

WHEN TO HEAR WAR NEWS IN ENGLISH

Daily E. W. T.

7:30 a.m.	Melbourne	VLG2	9.54	7:00 p.m.	Moscow		15.23
8:30 a.m.	Delhi	VUD4	11.83	7:00 p.m.	Tokyo	JLG4	15.105
9:30 a.m.	Berlin	DJB	15.20	7:00 p.m.	Berlin	DHE4C	11.88
10:30 a.m.	Melbourne	VLQ 6	9.58	9:00 p.m.	London	GSC	9.585
10:45 a.m.	Tokyo	JV-	9.565	9:15 p.m.	Moscow		11.885
11:00 a.m.	Stockholm	SBT	15.155	10:00 p.m.	Rome	2RO3	9.63
12:30 a.m.	Berlin	DJB	15.20	11:30 p.m.	Tokyo	JZI	9.535
5:00 p.m.	Rome	2RO6	15.30	12:30 a.m.	London	GSL	6.11
5:15 p.m.	Moscow		11.885	1:00 a.m.	Berlin	DXJ	7.24
6:45 p.m.	London	GSC	9.58	1:00 a.m.	Melbourne	VLG3	11.71

INTERNATIONAL DX'ERS ALLIANCE

PUBLISHED MONTHLY
EXCEPT JULY



CHARLES A. MORRISON
EDITOR

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NORMAL, ILL. U. S. A.

MARCH, 1942

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EDITORIAL

I am grateful for the kind letters that I received in answer to my request for moral and financial support in order that our organization might be enabled to continue its services throughout these difficult times. Our organization has no wealthy sponsors; exists solely on the revenue obtained from our small yearly subscription fees. Many listeners are donating their- now valuable- spare hours in order that our shortwave information may be accurate, up to date and complete. This information has proved, and is proving, of considerable value to many agencies. We therefore believe its continuance is most important. We take the liberty to once more request that YOU do your part by paying your renewal promptly (whether you are dx'ing at present or not). Voluntary contributions- no matter how small- are welcome. Tell your friends about the Globe Circler.

--Charles A. Morrison.

OUR REGIONAL MONITORING NETWORK

Our network of Regional Monitors announced in the last Globe Circler has been augmented with the following additions: Arthur M.Hankins, Latrobe, Penna; Everette Payette, Monroe, Mich.; Jos.Voisich, Washington, Mich., and Hal Newell, Philadelphia, Penna. We plan to add a few more Regional Monitors. Our network is off to a good start and our Monitors are turning in some excellent reports containing valuable information. Whether you are a Regional Monitor, or not you can aid us by spending a few minutes each day "cruising" the dials, jotting down any items you run onto and dropping us a line reporting your results.



This is Kay Williams, charming secretary of our Milwaukee Chapter.

PARAMARIBO TO BROADCAST PROGRAM FOR IDA INTERNATIONAL DX'ERS ALLIANCE CLUB NOTES

AVROS shortwave stations PZX3 (5.946) and PZX1 (9.60), Paramaribo, Netherlands Guiana, will broadcast a program especially for IDA members on Thursday, April 9, from 7:40 to 8:40pm EWT. The same two stations will broadcast to the GNSWLC, on Monday, April 6, at the same hour. As an aid in tuning in the stations the call will be repeated over and over in English for 10 minutes prior to broadcast time. The call will in each case be preceded by the sounding of a gong something like this "ding dong, ding dong". The program will open and close with the Dutch national anthem, and all announcements will be made by O.Groman, English announcer. Reports can be sent to J.E. Herrenberg, Chairman of AVROS, Wagenweg Straat 139, Paramaribo, Netherlands Guiana, South America. Mr. A.M. Pleyte of Eustis, Florida, was instrumental in lining up these two unusual shortwave programs.

NEW MEMBERS
John Cook, Wickford, Rhode Island.....
W.R. Pierce Jr., Wickford, Rhode Island...
Charles Wolfe, Lakewood, Ohio... Charles
E. McCormick Jr., Baltimore, Maryland.....
Eugene Ferguson, Winnetka, Illinois.....
Royal Danish Legation, Washington, D.C...
Max M. Horlick, Youngstown, Ohio... Earl
Petrie, Milwaukee, Wisconsin... Tom Becker
Fenton, Michigan... Allan H. Moser, Win
netka, Illinois... Ed Slater, Albany, N.Y...
...Eddie Sloan, Charlotte, North Carolina

RENEWALS
Sergio Gonzalez (Cuba)... Oswald Vil
lard... LeRoy Waite... Bill King... Ralph
Berger... Wm.C. Palmer... A.T. Bowen... B.W.
Harris... Stanley Savage... Chas. Hawk...
Chas. Juett... Alex Artimovich... Joseph
Tarr... L.D. Towns... Mrs. Dorothy Hall...
H.D. Burrall Sr. (2 yrs)... H. Harrow....
Thos. Hale... Roy Cattell (oldest member)
... Grady C. Ferguson... Perry Ferrell...
(Contributions)... R. Cattell; S. Savage.

INTERNATIONAL DX'ERS ALLIANCE CLUB NOTES--CHAPTER ACTIVITIES

Despite the current situation some of our local chapters are still meeting regularly and report quite satisfactory attendance considering conditions. Full information concerning the meeting dates and locations can be obtained by contacting one of the following:

ACC (Detroit area)- W.P.Mathers, 6607 Newwood, Detroit... BEER CITY (Milwaukee) Miss Kay Williams, 6824 W. Stevenson St, Milwaukee, Wisc. On Feb. 7, a delegation from the Milwaukee chapt. journeyed to Chicago for an overnight visit with the Indy City Chapter. Colored movies of trip through the badlands were shown at Zana Kandle's. On Sunday an enjoyable afternoon was spent at the Jackson Bowling Alleys... SO. CALIF (Los Angeles) Aug. Balbi, 1090 W. Kensington Road, Los Angeles... WINDY CITY CHAPTER and WORLD DIAL CLUB (Chicago)land)- Chas. Trese, 7638 Lafayette, Chicago- Chapter meets two get-togethers each month. One is a social affair, the other a bowling session at some leading bowling alley.

PERSONAL NOTES.

Sorry to hear that Tommy Grey, Cicero, Ill. has been quite ill... Edgar Schenk, and wife, Chicago, Ill. and W. Hefflin, and wife of Kewanee, Ill, visited IDA Headquarters recently... Roy Cattell, now op. the SS -----, Grace Line, has just returned from a run to S.A... Warren Dame, Saxonville, Mass., successfully disposed of his collection of match covers through an IDA ad... Ray Simpson Concord West, NSW, Australia, is now the road and travels about a 1000 miles each week... John Picard, a shut-in, Butte, Montana, volunteers for a monitoring assignment.... John W. May, ex champion dx'er, has moved to Durham, NC; Chief Engineer for Wrights Automatic Tobacco Packing Machine Co... A. M. Eyste, Eustis, Florida, is having a lot of trouble with one leg; is confined in a wheelchair at present.... Alex Timovich, Post Station, Mitchel Field, N.Y. says the Globe Circler has helped a lot in his work... Art M. Hankins, a Regional Monitor, Latrobe, Pa., uses a SX-25; works daily 3:30pm to midnight... Another R.M., Hal Newell, is a busy nouncer for WCAU, Philadelphia, but still finds time to turn in some good items; also uses an SX-25... R.M., Aug. Balbi, Los Angeles, finds his new DB20 selector helps considerably in building up the weak ones... S. Savage, working at Boeing in Seattle, had to buy a home to have a place to stay.... Perry Ferrell Jr., expert on UHF and FM reception, Pleasantville, N.J., is back in the fold once more... John Ivicic of the S/S -----, torpedoed off Brazil last December, was saved; Eric Butcher,



REGIONAL MONITOR EVERETTE-
PAYETTE, MONROE, MICHIGAN.

Ponce P. R., a crew member of the same ship, was laid up with a leg injury and didn't ship on the fatal voyage... Phil. L. Fawcett, Manchester 21, England, has only missed 2 issues of the Globe Circler since the world war started; was rejected from naval enlistment account of short-sightedness... Norman Burton of Manchester, became the proud father of a baby girl on Dec. 13... Roy Waite, Ballston Spa, N.Y., has been appointed a scout master; doesn't have much time to dx... Bill King, is also very busy, with school activities at Oregon State, but is building an new directional aerial... Billy W. Lyerly, RM (Regional Monitor), Ft. Worth, Texas, is sporting a new Howard 437A... Henrik Kauffmann, Minister of Denmark, Royal Danish Legation, Washington, D.C., is our latest distinguished member.... C.J. "Mike" Fern, Lihue, Hawaii, reports he is now news editor at KTOH, his father being Civilian defense coordinator. Mike picked up an SX-23 cheap from a ham who was in a hurry to leave the islands. It is working out well in the combination blackout nook and listening post... Bud Brehmer, has the bad luck to have to go to the hospital again; same bad foot... Mrs. Mabel Allen, Lafayette, R.I., is one of our outstanding RM's; her husband a radio service man for many years helps her check the frequencies- and "they are exact"... Max Horlick, Youngstown, Ohio, used a Hallicrafters Defiant; is very interested in UHF... George Alich, in the Army Air Corps, is stationed at Scott Field... Tommy Bowen, ex-Detroiter, is taking a radio technical course at the Naval Aviation Station, Alameda, Cal. ... Another Detroiter Wm. Kobos, is at Camp Roberts, Calif... Sgt. Guy Bigbee, has been very ill in the hospital; has now been released... Major R.B. Oxrieder, is still at Camp Belvoir, Virginia, as far as we know.

I am always glad to get photographs of your listening posts for publication. I am particularly interested in receiving photos from our Regional Monitors.

SHORT WAVE NOTES

EDITOR-IN-CHIEF--CHARLES A. MORRISON

Associate Editors: R. Skyten, J. Wilson, A. Balbi, R. Legge, R. Simpson, Mrs. A. B. Allen, W. W. Lyerly.

PRESS DEADLINES: For APRIL GLOBE CIRCLER, March 14; For APRIL STOP PRESS SHEET, March 31.



This is member Ying Ong of Phoenix, Arizona. Official Representative for XGOY-XGOK

SHORTWAVE NOTES FOR THE GLOBE CIRCLER: During the present emergency shortwave information has become doubly important. We need plenty of notes. Please submit your items as follows-when possible: Use one side of page only...Double space lines...Group items by continents...**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; any detailed authentic information concerning station skeds, addresses, 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 North America- is shown as: E-Eastern; C-Central; W-Western. If foreign, the country or an abbreviation of that country is given.

WAR TIME: All schedules or other time information shown in this book are now **EASTERN WAR TIME**. U.S. schedules remain the same for EWT, as they were for EST, but time for all other stations with a few exceptions is now advanced one hour. EWT plus four hours equals GMT. EWT will be used for the duration.

(Eastern War Time)

SHORTWAVE NOTES

(Eastern War Time)

NORTH AND CENTRAL AMERICA

- ✕ **BAHAMAS** ZNS2 (6.09), Telecommunications Dept., East St., Nassau, 1 kw, now broadcasts 9-9:15am, 2-2:30 and 7-10pm EWT; identification is St. Margaret's chimes; or relay of "Big Ben" and chimes (*Schrock-C, Thomas-E)
- CANADA** CBRX (6.16), CBFY (11.705), CBFW (6.09), are all operated by the Canadian Broadcasting Corp., headquarters in the Keefer Bldg., Montreal. CBRX, 150w, Vancouver, operates 10:30am-4am EWT; CBFY, Montreal, 7½ kw, operates 7:30am-12 mid. EWT, to noon in English, after noon in French; CBFW (6.09), 200w, Montreal, operates 7:30am-1am. All stations verify (Radio Guia)...CFRX (6.07), Toronto, gives English news at 8am, 4pm EWT (Allen, Horlick-E)...CHNX (6.132), 500w, Halifax, N.S., operates 8am-12:15am; Sat. 9am-12 mid; Sun. 1pm-12:15am; English news at 8 am, 3:30, 6:30, 11pm EWT (*Allen, Horlick-E, Schrock-C)...CJCX (6.015), Sydney, N.S., opens at 6:45am; English news at 7, 8am, 6:15pm EWT (*Allen, Ferguson-E, Simpson)...CKFX (now 6.08), Vancouver, B.C. relays CKWX, 10:30am-4am; English news at 11:30am and 12 noon EWT (*Balbi-W, Fern-Hawaii)
- COSTA RICA** TIJMT (11.90), operates 8am-1am EWT (Ferguson, Mann-E, Lyerly-C, Simpson) ...TI4NRH (9.74) operates to 1am Sun. morning & irreg. other days (Brehmer-E)
- CUBA** COBZ (9.025), verifies with foto-card; badly qrm'd by c.w. (Newell-E, Wedewer-C)...COCO (8.7), heard as early as 5:30am EWT, in English (Simpson-Aust) ...COCQ is on the jump again; heard one night on 9.515; currently is on 8.83 mc (Newell, Payette, Roberts-E)...COCK (9.27), now opens at 8:45am EWT; badly qrm'd early evenings by WXE, Alaska weather station on c.w. (Newell-E, Lyerly-C)...NEW COF (7.255), 100w, operated by Ministerio de Defensa Publica, Cuartel de Bomberos "Charles Maggoon", Zulueta & Corrales Sts., Havana, tests 7:45-9pm EWT. (**Carriazo-Havana)...COK (11.616), broadcasts "News from the Americas", in English, weekdays at 4:30pm EWT; Spanish lessons for English listeners Mon/Wed/Fri, at 10:15pm EWT (Schrock, COK)
- ✕ **CURACAO** PJCI (5.936), Willemstad, now broadcasts 8-10:20pm; news in Dutch at 9:00pm EWT; signs with Dutch anthem. Program is preceded for 5 minutes by the sounding of a 4-note musical chime (**M. Allen-E)

D.R. HIH (6.78), Radiodifusora La Voz del Higuamo, San Pedro de Macoris- owner Dominiga Dominique, wants reports; verifies with red/white card (Wedewer-C) ...HI3C (6.15), signs-off at 7:10pm EWT; qrm'ed by GRW (Newell-E)...HI1G is now on 6.28 (Legge-E)...Harmonic of HI1N again being heard on 14.49 (Newell-E)
HADELOUPE FG8AH (7.446), now heard to 9pm; French news at 7:30pm EWT. Program is entirely in French (Borcherdt, Wedewer-C*)
HUANTANAMO BAY NY4AD, amateur, still has a few cards left, & will answer anyone who has not yet received a QSL from him. Send reports to new address: T.O. Moore, 1273 E. Avery St., Pensacola, Florida (*Lyerly-C)
HAITI HHBM (9.658), "La Voix du Matin, 36, rue Americaine 36, (P.O.Box 118), Port-au-Prince, will increase power; add frequency in 49-meter band; verifies (Schrock-C, Simpson-Aust.)...HH3W (10.13), heard broadcasting a Lutheran program in English, Sat. 10:45-11pm EWT; call in English & French (*Field-W)
HONDURAS HRN heard on Sunday 4:15-4:30pm EWT, on new freq. of 9.93 (Foster-E)
HAMAICA ZQI (4.7), gives a short news summary at 7:10pm EWT (*Roberts-C)
MARTINIQUE "Radio Martinique" has shifted to 9.705 mcs (*Lyerly-C, Gozen-E)
MEXICO Mexican hams now off air...NEW: Unidentified on 4.83, announcing as "Radio Nacional" heard 11:30pm-1am (*Allen-W)...XEBF (6.09), Jalapa, heard signing off at 3:54am EWT (*Roberts-C)...Send XEBT reports to P.O.Box 7994, Mexico D.F. (Johnson-W)...Address: XECC (6.19), Ricardo Vazquez, 2 North 803, Puebla, Pue; verified with foto card (*Legge-E)...NEW: XETG (9.555), believed to be in Mexico D.F., is testing evenings (**Legge-E)

NEWFOUNDLAND VONH (5.97) broadcasts English news at 6:30, 10pm (Allen-E)
PANAMA HP5A (11.7) heard Sun. 9am-12mid. EWT (Lyerly-C)...HP5G (11.78), broadcasts English news at 12:45pm (Allen-E)...HP5K (6.005), Colon, operates to 1am EWT; English news at 9:30, 10:15, 11:05pm (Allen, Newell-E)

S.A. Press Wireless, Los Angeles, has been reported testing using various calls & freqs. as follows: KGI2 or KPI2, near 6:30-7:30 & 9:30pm; KGE9-WCW (15.85), near 10:45 & 6:45pm; KJE9 (10.75), near 11:15am-12 noon; KJE8 (9.39), 2-3am (*Balbi, Picard-W, Beyer-C, Borcherdt-C, Hankins, Hart-E)...KGEI (7.25), relayed by KEN (6.84) or KEL (6.86), & KES (10.41), broadcasts daily, 12:15-5:30, 7am-12 noon; KGEI (15.33), relayed by KKW (13.78) & KQR (18.04), broadcast daily, 6:45pm (KGEI comes on at 7pm) to 12:00 mid. EWT (Balbi, Field, Picard, Allen-W, CAM, Roberts, Lyerly, Beyer, Borcherdt, Schrock-C, Horlick, Legge, Wilson, Gozen, Brehmer, Ferguson, Hankins-E, Fern-Hawaii)...CBS inaugurated its 3 new transmitters-- WCRC & WCBX, 50,000 watts each, and WCDA, 10,000 watts-- on Feb. 12, The schedules follow: WCBX (15.27), 6:15am-3:45, 4-11pm; WCRC (17.83), 6:15am-3:30pm, WCRC (11.83), 4-11pm; WCDA (17.83), 3:30-4:45, 5-7:45pm; WCDA (6.17), 8-11pm EWT. Early in Mar. CBS will inaugurate its new Latin network (*CBS, Brehmer, Wilson-E, Allen-W).....
WLWO now operates, 9:30-10:45, 11am-5:15pm on 15.25; 5:30-7:45 on 11.71; 8pm-12:30am on 9.59; 12:45-2:30am on 15.25 (WLWO, Picard-W, Lyerly-C)...NBC now has 120 stations in its Pan American Network...See list for revised schedules for WRUL-WRUV-WRUS (WRUL)...WWV (15), Beltsville, Md. is on with constant signal, frequently day and night (Lyerly-C)

SOUTH AMERICA

BROADCASTS FROM BRAZIL EWT
 Thursday, March 19, 9:00 to 10:00 p.m. EWT PSH 10.22 Rio de Janeiro
 Thursday, March 26, 9:00 to 10:00 p.m. EWT PSH 10.22 Rio de Janeiro IDA
ARGENTINA LRX (9.66), operates 6:30-7 & 8:30am-11:05pm; LRU (15.29), operates 7:15-8:15am. English announcements close each transmission. (*Baxter-W, Ferg.-E)
BOLIVIA Bolivian amateurs are still on the air. CPLAG (14.07) & CP5EA (14.06) heard at 7pm EWT. CPLAG is ex-CP8AI (*Legge-E)...CP38 (9.48), 5kw, Radio Nacional de Bolivia, Casilla Correo No. 596, Plaza Venezuela 34, La Paz, is now being heard 6:30-11pm EWT (**Skyten, Ferguson-E, Roberts-C)
BRAZIL Following commercials heard recently: PUS (19.97), PPH (11.93), PPQ (11.67), PSG (10.76) (*Allen, Legge, Skyten-E, Lyerly, Roberts, Heflin-C)...PRE9, now broadcasts on 15.165, 9:30am-12 noon; on 6.105, 4:30-11pm EWT (*Mann-E)...PSL (7.935), heard 7-8pm EWT, with PSH (Legge-E)
FRUIT. GUIANA ZFY, now on 6.08 permanently at the request of the govt., broadcasts English news from London at 7am & 12 noon EWT (*Ferguson, Wilson, Hankins, Newell)
CHILE CB960 (9.60), "Radio La Americana", Santiago, is being heard nightly 9pm to 12 mid. EWT (*Roberts, Lyerly-C)...CB1180 (11.975), now signs off at 12 mid. EWT (Lyerly-C)...CB970 (9.73) opens at 8pm EWT (Lyerly-C)...CB1174, "Radio Huckle", Orlandini & Raggio Ltda, Casilla 6009, Santiago de Chile, verified report of Sept. 23 on Nov. 12 (Hankins, -E)...Who is the unknown South American heard on approximately 11.96, from about 8-10pm EWT? (Newell-E)
COLOMBIA HJ CJ, relaying HJCK, seems to be call of new Bogota station on 9.41, heard near 9pm EWT irreg. (*Roberts-C)...NEW: HJ CQ (4.955), Bogota, heard irreg.

to 11pm EWT (**Legge-E)...HJAE, Cartagena, now back on 4.835 (Legge-E)...HJDE (6.145), verifies with a black & white card with a photo of La Candelaria Church in one corner of it (*Wedewer-C)

X DUTCH GUIANA (Suriname) PZX (11.515), a com. transmitter used temporarily for broadcast purposes is now off air. The AVROS (Algemeene Bereeniging Radio Omroep Suriname), is now on the air with two stations: PZX (9.60) & PZX3 (5.946), 450 & 100 watts respect., operating as follows: weekdays 6:40-8:40pm (also Sat. 5:55-6:24pm); Sun. 9:10-11:40am EWT. Sun. 9:10-9:40am, the Chaplain of the U.S. Forces in Surinam, conducts English religious services; Mon/Thurs, 7:40-8:40pm EWT, the Chief of the Govt Press Service is on the air. Announcements are made in Dutch & English; in Spanish irreg. The Dutch announcer is Ivan de Vries; the English announcer O. Groman. All transmissions open and close with the Dutch national anthem & the stroke of a gong. Reports to be sent to J.E. Herrenberg, Chairman of the AVROS, Wagenweg straat 139, Paramaribo, Netherlands Guiana. (***)O.Groman via Pleyte, Newell, Legge, Allen, Mann-E)

ECUADOR HC2AK (9.31) always identifies at 20 and 50 mins. past the hour. Uses 3 oscillator notes as an identifying signal (*Newell-E)

X PERU OAX4K, Lima, now on 3.71, is being heard 7pm-12 mid.EWT (**Lyerly-C)

URUGUAY CXAB (9.64), signs-off at 11pm EWT; uses 3 chimes just before giving call letters each 15 minutes (*Newell-E)

VENEZUELA NEW: Unidentified, "Radio Tropical", in Caracas, heard on 10.05 to 8:18 pm; heard on 10.08 at 6:30pm (*Roberts, Allen-E)...NEW: YV5RI (3.375), relaying YV5RE, Caracas, heard signing-off at 12:25am (*Newell-E)...YV1RV (4.75) & YV4RP (3.46) have been added to the CBS Latin network. (CBS)

AFRICA

ALGERIA Radio Alger, TPZ (12.12), TPZ2 (8.96), broadcasts French news at 4 & 5:30 pm EWT; news periods are relayed by Radio Maroc (8.035). Radio Alger comes on air at 5pm EWT, with weird Arabic music (**Lebouef, Ferguson, Beyer, Borchardt, ES)

X BECHUANALAND It is almost certain that the mystery S. African on 5.895 is ZNB, MaFeking. Heard daily 12:45-2:45, 7:30-8:10am & Noon-5pm; English news at 2:15am EWT (*Balbi, Field-W, Roberts, Borchardt-C, Carriazo, Legge-E)

X BELGIAN CONGO "Radio Congo-Belge" (11.73), heard relaying OPM (10.14), 2:55-3:45 pm EWT irreg. with fair signals (M.Allen-E**)

X EGYPT SUP2 (6.32), broadcasts daily 12:10-1pm EWT; 12:10pm-Polish news; 12:30 pm-French news; 12:45pm-Arabic news. Opens with English announcement (RS-Austr.)

FREE-FRENCH AFRICA ZOY (6.002), Accra, GOLD COAST, operates daily at 7am and 1230 -4pm (**Simpson-Austra.)...In addition to 3:45pm period, FZI (11.97), Brazzaville, MIDDLE CONGO, sometimes broadcasts English news at 4pm EWT (Moreland, Beyer, Es-C)

X MADAGASCAR "Radio Madagascar Libre" (11.10), heard 2-2:45pm EWT. Opens with repeated pounding as if someone were knocking on door; identification is "Allo, Allo, Allo, Ici Radio Madagascar Libre". Announcer is man (**Fern-Hawaii)

MOZAMBIQUE CR7BE (9.84) broadcasts English news at 4 or 4:05pm; French news at 4:30pm EWT. Broadcasts program sponsored by "Ovaltine" at 1pm EWT on Sundays. (**Allen, Newell, Skyten, Ferguson-E, CAM-C, Baxter-W, Simpson-Austr., Fern-Hawaii)

X NAIROBI VQ7LO (6.06) also being heard 10:30am-11am (Simpson-Australia)

X SENEGAL FGA (9.41), "Radio Dakar", Dakar, is now being heard 3:15-6pm EWT; News in French at 3:30, in Arabic at 5:30pm. Identification signal is single stroke on large gong; men and women announcers; signs-off with "Marseillaise". Peak reception during last hour (**Lebouef, M.Allen-E, Borchardt, CAM-C)

X SO. RHODESIA The "Post Office Station" on 7.317, gives its address as The Secretary, Broadcasting Advisory Board, Box 1300, Salisbury (Simpson-Austr, NZDXTRA)

EUROPE

UNDERCOVER STATIONS- "Radio Sovat" (French), on 6.155, heard 5:10-5:20pm; 12:45 12:55am EWT (Legge-E)...Unidentified Serb on 11.785, heard 2-2:20pm; signs-off with Serb national anthem (Voisich-E)...Unknown on 9.505, heard 1-1:45pm, with pro-German news in English at 1:05pm (Legge-E)...Anti-Nazi revolutionary on 964 heard daily 5-5:20pm (Allen, Legge-E)...Gustav Siegfried Eint" (9.545), undercover German, heard at 2:52, 3:52, 4:52, 5:52, 6:52pm EWT (Legge-E)...Free-French on 9.75, heard signing-off at 3:50pm EWT, with ascending and descending bells (Allen)

X AZORES Ponta Delgada (4.02), heard with nice signal 5pm EWT to s.o. (Hart-E)

ENGLAND GRS (7.065) carries the N.A. Service, 11:00pm-12:45am (Legge, Allen, Gozen Wilson-E, Lyerly, Borchardt-C)..English news bulletins in the North American Service are now heard at 5:15, 6:45, 9, 10:45pm, 12:30am EWT (BBC)

FRANCE "Paris Mondiale" (6.20), heard 2-4:30pm EWT, with 9.52 mcs. (*Legge, Allen-E)...NEW SCHEDULE FOR "La Voix de la France, "Vichy, effective Feb.1 (EWT): On 17.765-- 7:30-8:15am to NA, 8:30-9:15am & 9:30-10:15am to Africa; On 15.24-10:30-11:30am to Indo China, 11:45-12:45pm to NA, 1-1:45pm to SA, 2-2:45pm to Africa; On 11.845-- 3-3:45pm to Africa, 4-4:45pm to NA, 5-5:45, 6-6:45pm to Africa;

On 9.52-- 7-7:45pm to SA,8-8:45 to Indo China,9-10pm to NA,10:15-10:45pm to Africa,11-11:30pm to SA,11:45pm-12:30am to Africa,12:45-1:30am to Indo China,1:45-2:30am to N.Africa, 2:45-3:30am & 3:45-4:30am EWT to Africa (***B. Golson-E; **Allen,Payette,Gozen,Wilson-E,Beyer,Lyerly,CAM-C,Balbi-W)

FINLAND OIE (15.19),OFE (11.785),OFD (9.495),are being heard approx.12:45-3:15 pm EWT. News is given as follows: 12:45pm-English; 1pm-French;1:15pm-Hungarian; 1:30pm-Italian; 1:45pm-German; 2:15pm-English; identification signal is 10 note musical signal; announcer a woman. OIH (17.8), relays the home program; Finnish news at 12:45pm; fades out at about 1:30pm EWT. (**Skyten,Allen,Hankins,Mann-E)

GERMANY Berlin broadcasts to NA: 7-9:45am, over DJB (15.2), DXW (11.84); same program to SA,over DJE (17.76); 5:50pm-12 mid. over DHE4C (11.88), DJD (11.77), DXC2 (11.74),DZD (10.543); 5:50pm-2am EWT, over DXJ (7.24),DXP (6.03), a NEW one on 9.62,and irreg. on 6.20mc...English news is now broadcast daily at 7,8,9,10, 11pm,12 mid.,lam EWT to NA; Sun.at 9, 11, Mid,lam EWT...Other English news is broadcast as follows: 7:30am- DJL (15.11),DXW (11.84), DJB (15.2); 8:30am- DJL; 9:30am- DJL,DXW,DJB; 12:30pm- DJB, DXJ (7.24); 1:30pm- DXJ (7.240), DXX (6.14); 2:30pm- DXX,DXJ, DZD (10.543); 3:30pm- DXX, DXJ; 4:30pm- DXX, DZD; 5:30pm- DXX; 6:30pm- DXX,DZD...DZH (14.46),Replaces DJE (17.76), 1lam-12 to SA...Berlin now broadcasts to SA: 5:50pm-12:15am EWT, over DJQ (15.28),DZH (14.46),DZE (12.13), DJP (11.855),DZC (10.29),DJW (9.65), PCJ (9.59),DJA (9.56), DJI (7.29).....DXX (6.14), operates 1-7, 10pm-12:15am EWT...DXR (11.76), Warsaw, has replaced DJD (11.77),11:40am-5:30pm EWT (**Wilson,Skyten,Gozen,Jones-E, Borchardt, Lyerly-C, Balbi,Allen-W)... BOHEMIA-- DZB (10.042), Podebrady, is heard 3:20-4:30am EWT irreg. (*Roberts-C)... GREECE-- A station on 7.075, heard a couple of times near 6pm EWT, in German, may have been Athens (*Legge-E)

HUNGARY HAT4 (9.125),heard as early as 7:35pm EWT,may be broadcasting to S.A.

IRELAND (Eire) "Radio Eirrean" (9.595), is heard 5:03-6pm; English news usually at 5:12pm EWT. Reports sent to T.J.Monaghan,Engineer-in-Chief, Dept of Posts & Telegraphs,The Castle,Dublin, are promptly verified (*Wedewer, CAM, Robinson-E, Thomas,Hart,Allen,Hankins,Ferguson-E)

ITALY Anti-Fascist (11.915),heard 9-9:30am,3:30-4,5-5:30,7-7:30pm EWT (*CAM, Borchardt-C,Allen,Legge-E)...NEW: 2RO-- (17.77), broadcasts 11:30am-12:45pm EWT (**Wilson,Ferrell-E)...2RO6 (15.3),now broadcasts to W.NA,12:30-1:30am EWT, with 2RO3 (Wilson-E)...2RO11 (7.22) also broadcasts 1:30-3am EWT (Lyerly-C)

JUGOSLAVIA YUC (9.505), heard near 4pm EWT, with German programs; announces as "Sender Belgrade" (**Legge-E)

ROUMANIA "Radio Bucaresti" (9.26),now heard 3 to 6:05pm EWT; announces "This is the Roumanian SW Station at Bucharest operating on 32.4 m."; News in Turkish at 3:30; in Italian at 3:35; in French at 4:40; in English at 4:50pm EWT; signsoff with anthem; announcer is a woman (**Skyten,Allen,Lebouef-E,Borchardt,CAM-C)

SPAIN The 41 m. lineup of Spain, as determined thus far, follows (EWT):

- 7.205, EA--, "Radio Silva", Madrid, heard 4:00-7:00pm EWT.
 - 7.140, EAJ9, Malaga, heard 4:00 to 6:30 p.m. EWT.
 - 7.130, EAJ22, Oviedo, heard 3:00 to 6:00 p.m. EWT.
 - 7.100, EA--, Unidentified, Heard to 6:00 or 6:30 p.m. EWT.
 - 7.090, EA9AA, Spanish Morocco heard to 6:00 p.m. EWT
 - 7.037, EA--, "Radio Mediterani", Valencia", 3:30 to 7:00 p.m. EWT; s.o. with
 - 7.025, EA--, Unidentified, heard 4:30-5:30pm EWT /selection "Valencia"
- The stations on 7.037,7.09,7.13,7.14 relay "Radio Nacional de Espana" 4:45-5:30 pm EWT; Spanish news at 4:45pm (**Legge,Hart,Mann,Ferguson,Allen-E,Roberts-C)

SWEDEN SBU (9.535) broadcasts daily 5:20-5:35pm EWT; News in Italian, then French; identifying signal is 12 notes on piano,or chimes (**Hart-E)

SWITZERLAND HER3 (6.165), broadcasts 2-5:30pm EWT; opens at 2pm with 7-note chime repeated at intervals; French news at 2:15pm (**Allen-E)...HER4 (9.535), is broadcasting in English to NA,daily ex.Sat. approx. 9:45-11pm, or later EWT, slightly qrm'ed by XEFT. Announcement is "This is Switzerland Calling."News in English at 10 and 10:20pm EWT (**Allen-E, Lyerly-C)

U.S.S.R. (Europe & Asia)-- Powerful new transmitters at Komsomolsk on Amur,North of Khabarovsk,in Siberia,went on air Jan.16. The following transmissions in English are sent out from Komsomolsk (relayed by Moscow) as follows: (EWT):

- 9:15-9:45am on 9.567,6.115,6.07; 5:15-5:40 & 7-7:40pm on 15.23,11.885, 6.115, & 12.06 & 9.546 irreg; 9:15-9:40pm on 11.385, 15.23 & 6.115; 11:15-11:40pm on 11.385,9.567,6.115. English news periods are broadcast at 9:15am, 5:20,7:20,920 & 11:20pm (**Soviet Embassy,Ferguson,Payette,Wilson,Legge-E, CAM,Lyerly,Byer, Borchardt,Roberts,Heflin-C, Baker,Balbi,Krumlinde,Allen,Baxter,Picard, Henry-W) ...Moscow (9.546) heard at 9am EWT (Hart-E)...Moscow (10.04) heard irreg. at 8:15am EWT (Baxter-W)...Sverdlovsk (14.92,12.225, 15.08), still heard 8-9am EWT irreg. (Borchardt-C)...Soviets on 5.91,6.83,6.94,7.54,heard 8-11:30am EWT (HB-W)

8 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.

Note: To conform with adoption of War Time in U. S. all foreign skeds are moved ahead one hour. U. S. schedules remain substantially the same.

METERS		MEGS.		CALL	STATION	LOCATION	TIME--(NOW)	EASTERN WAR TIME
13 METER BAND								
13.86	21.84	GRZ			London, England		7:15, 7:30, 7:45-9:15am	
13.92	21.55	GST			London, England		9:45-11am to S.A.	
13.97	21.47	GSH			London, England		6:57-11:15am to Africa	
15.31	19.59	2R017			Rome, Italy		7:30-9:30am...News-	9:20am
16 METER BAND								
16.63N	18.04	KQR-KGEI			Bolinas, Calif		6:45pm-12 mid.	
16.77	17.89	GRP			London, England		6:57-11:15, 11:30am-12:30pm to C.A.	
16.80N	17.855				Vichy, France		7:30-8:15am to NA, 8:30-9:15, 9:30-10:15a	
16.81	17.845	DJH			Berlin, Germany		7am-12 noon	
16.82	17.84	Bire			Athlone, Ireland		8:30-9:30am, 1:30-2:15pm	
2000 5000 10000	16.83N	17.83	WCRC		New York City, N.Y.		6:15am-3:30pm	
	16.83N	17.83	WCDA		New York City, N.Y.		3:30-4:45, 5-7:45pm / 12:30am-1:30am *	
	16.84S	17.82	2R08		Rome, Italy		7-7:25, 8:30-9, 9:15-9:45am to NA, 1-1:30, 11:15am-2:15pm...News- 9am, 12 noon.	
	16.84S	17.81	GSV		London, England		3:45-5:57, 6:57-8:45, 8:45-11:15am to NA, 11:15am-2:15pm...News- 9am, 12 noon.	
	16.85S	17.80	OIH		Lahti, Finland		7am to 1:30pm or later / 2:30-2:45p*	
	16.86S	17.79	GSG		London, England		2:10-5:30, 6:45-7:30, 7:45-8, 9:30-11am,	
	16.87	17.78	WNBI		New York City, N.Y.		9am-1:30 to Europe, 4:55-7:45pm to S.A.	
	16.88N	17.77	2R07		Rome, Italy		11:30am-12:45pm	
	16.89S	17.76	DJE		Berlin, Germany		7-9:45am to Latin America / Su. 10am irr.	*
	16.90	17.75	WRUL		Boston, Mass.		9:30am-12:15 ex. Sa/Su; Sa. 10am-12 noon.	
19 METER BAND								
	19.53	15.36	DZG		Berlin, Germany		1-3:15am, 12:30-1:45pm	
	19.54S	15.35	WRUW		Boston, Mass.		9:30am-12:15, 1:15-4:45 ex. Sa/Su; Sat. 10am-Noon, 1:30-6pm;	
	19.56	15.34	DJR		Berlin, Germany		1-3:15, 7am-12 noon	
	19.57	15.33	WGEA		Schenectady, N.Y.		8am-5:45pm	
	19.57	15.33	KGEI		San Francisco, Calif.		6:05-11pm	*
	19.58	15.32	MTCY		Hsinking, Manchukuo		5-6pm...News- 5:30pm.	
10000	19.59S	15.315	VLQ3		Sydney, Australia		12:55-1:40am to W.N.A..News- 1 a.m.	
	19.60S	15.31	GSP		London, England		2:10-5:57, 6:30-7:30, 8:15-8:30, 11-11:45a	
	19.61S	15.30	2R06		Rome, Italy		2:15-2:30, 3-3:30, 3:40-4:20, 6:30-7:15, 7:30-10:30am, 1-2:30pm to NA, 1:40-7:50pm 12:30-1:30am to W.N.A..News-1pm, 1am 2:30-4:45am, 10pm-12:30am...News-10:45pm	
	19.62	15.29	VUD3		Delhi, India		7:15-8:15am	*
	19.62S	15.29	LRU		Buenos Aires, Argentina		1-3:15, 7am-12 noon, 12:30-1:45, 3-3:45, 4-5:45, 5:50pm-12:15am...News 10am.	
	19.63S	15.28	DJQ		Berlin, Germany		6:15-3:45, 4-11pm	*
50000	19.64S	15.27	WCBX		New York City, N.Y.		3-5:30, 11:30am-3pm	*
	19.66	15.26	GSI		London, England		12:45-2:30, 9:30-10:45, 11am-5:15pm.	*
	19.67S	15.25	WLWO		Cincinnati, Ohio		1-5:20pm; Sun. 11am-3pm	*
	19.67	15.25	CR7BD		Lourenco Marques, Mozambique		10:30-11:30, 11:45am-12:45pm to NA, 1-1:45, 2-2:45pm * / 5:20, 7:20, 9:20pm.	*
	19.70S	15.23			Komsomolsk, U.S.S.R.		5:15-5:40, 7-7:40, 9:15-9:40pm...News-	
	19.70	15.23	2R014		Rome, Italy		1:30-2:40, 6:15-6:25, 7-10:30, 11:30am-1pm	
10000	19.70S	15.23	VIG6		Melbourne, Australia		4:30pm-1:30, 3-4:45am...News- 4:45pm,	
	19.71	15.22	PCJ		Hilzen, Holland		7:30-11:45am...News-8:15, 9:15, 10:30,	
	19.72	15.21	WBOS		Boston, Mass.		8am-12:45pm / 11:30am.	
	19.74	15.20	DJB		Berlin, Germany		7-9:45am to NA, 10-10:45, 11-11:30, 12:30-1am...News- 7:30, 9:30am, 12:30pm.	
	19.74N	15.20	XGOX		Chungking, China		Heard 8-10pm irreg.	*
	19.75S	15.195	TAQ		Ankara, Turkey		6:30-8am	*
	19.75S	15.19	OIE		Lahti, Finland		12:45-3:15pm...News- 12:45, 2:15pm.	*
	19.76	15.18	GSO		London, England		8:15-9:15am, 12:30-12:45pm	
	19.77	15.175	QQ2AA		Leopoldville, Bel. Congo		6:55-8am, 3-3:45pm	
	19.78	15.17	TGWA		Guatemala, Guatemala		1:45-3pm to NA; Sun. 1:45-6:15pm.	
	19.78S	15.165	PRE9		Fortaleza, Ceara, Brazil		9:10am-12 noon	
10000	19.79	15.16	VLG7		Melbourne, Australia		11:25-11:45am to A.I.F.	

19.80	15.155	SBT	Motala, Sweden	11am-12 noon, 2-5:15pm (Sun. 4am-5:15)...
19.81	15.15	WRCA	New York City, N.Y.	8am-2:15, 3:55-6:45pm /News- 11am.
19.81	15.15	YDC	Bandoeng, Java	5:40-11:40am, 3-8:40, 11:40pm-3:20am.
19.82	15.14	GSF	London, England	6:57-11:15, 11:30am-2:30, 4:35-5pm
19.84	15.12	Eire	Athlone, Ireland	2:30-5pm
19.84S	15.12	HVJ	Vatican City	10:30am-12 noon
19.85S	15.11	DJL	Berlin, Germany	1-3:15, 7:30-7:45, 8:30-8:45, 9:30-9:45, 11:40am-5:30pm...News- 7:30, 8:30, 9:30am
19.85	15.105	JLG4	Tokyo, Japan	6:55-10:30pm to NA...News-7, 10:10pm.
19.86S	15.10	EPB	Teheran, Iran	4:30-6am (Fri. 4-7am).
19.89	15.08	RKI	Moscow, U.S.S.R.	8-9am...News- 8:20am.
19.91	15.07	2RO-	Rome, Italy	11:30am-1pm (Arabic)

20.07	14.935	PSE	Radio de Janeiro, Brazil	Thurs. 4-4:30pm (Italian)
20.11	14.92		Sverdlovsk, U.S.S.R.	8-9am...News- 8:20am.
20.33	14.76	2RO-	Rome, Italy	11-11:25am (Russian)
20.51S	14.63	PLJ	Bandoeng, Java	5:30am-12:30pm or later
20.75S	14.46	DZH	Berlin, Germany	10-11am, 3:30-4:15, 5:50-pm-12:15am to SA.
21.77S	13.78	KKW-KGEI	Bolinas, Calif.	5:45pm-11pm.
24.09	12.455	HGJB	Quito Ecuador	8-9:30am, 12:30-3:30 (Sun. 9:30am-3:30),
24.52	12.235	TFJ	Reykjavik, Iceland	6:17pm Thurs. /7-10:45pm (to 12p Sa
24.54	12.225		Sverdlovsk, U.S.S.R.	8-9am...News- 8:20am
24.73S	12.13	DZE	Berlin, Germany	7-10am, 12:30-1:45, 4-5:45, 5:50pm-12:15am
24.75	12.12	TPZ	Alger, Algeria	8-10am, 2:30-4:15, 5-7pm...French news-4,
24.75	12.12	ZNR	Aden, Arabia	12:28-1:45pm /5:30pm.
24.88	12.06	FFZ	Shanghai, China	12 noon-2am; 4:30am-11am ex. Su; Su. 6:30
24.88	12.06	RNE	Moscow, U.S.S.R.	8-9am...News- 8:20am. /-11am
24.92S	12.04	GRV	London, England	9:30-11, 11:30-12:30, 12:45-1:45, 2:15-3pm

25 METER BAND

25.00	12.00		Brazzaville, Middle Congo	2-9:50am, 2-3, 4:30-6pm
25.02	11.99	NBS	Anti-British	3:30-4, 4:30-5, 5:30-6pm ex. Su. also Sun.
25.04S	11.98	XIRS	Shanghai, China	8-9:30am...New-8:15am. * /12:30-1pm
25.04	11.975	CB1180	Santiago, Chile	7:30-9am, 6:15pm-12 mid.
25.05	11.97	FZI	Brazzaville, Middle Congo	2-2:20, 9:30-10:15am, 3:45-4, 4-5:15, 11pm-12 mid. to NA...News-3:45, 1145
25.10S	11.95	2RO-	Rome, Italy	10:30am-12:15, 3:30-7, 7-8:50, 9-12:20 /pm am to NA...News- 10, 11:30pm
25.18S	11.915		Anti-Fascist Italy	9-9:30am, 3:30-4, 5-5:30, 7-7:30pm
25.21S	11.90	TIJMT	San Jose, Costa Rica	8am-1am.
25.21	11.90	XGOY	Chungking, China	2-3am to NA, 3-4, 6-8:15
25.23	11.89	WNBI	New York City, N.Y.	12:45-3:40pm
25.24N	11.885		Paris (Mondiale), France	2-4:30pm
25.24N	11.885		Komsomolsk, U.S.S.R.	5:15-5:40, 7-7:40, 9:15-9:40, 11:15-11:40pm...News- 5:20, 7:20, 9:20, 11:20pm
25.25S	11.88	DHE4C	Berlin, Germany	5:50pm-12 mid. to NA...News- 7, 8, 9, 10, /11pm.
25.25S	11.88	VLR3	Melbourne, Australia	10pm-4:15am
25.25	11.88	VLG5	Melbourne, Australia	5-8am...News- 7am.
25.27	11.87	VLQ2	Sydney, Australia	1-1:30, 7:40-8:15am
25.27S	11.87	WBOS	Boston, Mass.	1-3:30, 3:55pm-1am to S.A.
25.29S	11.86	GSE	London, England	4-11:15am, 12 noon-2pm...4am (English)
25.30S	11.855	DJP	Berlin, Germany	1-3:15, 7am-Noon, 5:50pm-12:15am to S.A.
25.33S	11.845		Vichy, France	3-3:45, 4-4:45pm to NA, 5-5:45, 6-6:45pm.
25.35S	11.84	DXW	Warsaw, Poland	7-9:45am to NA...News- 7:30, 8:30, 9:30am
25.35	11.84	DHE4A	Prague, Bohemia	4:30-6:45, 7-9:15pm.
25.36	11.83	VUD4	Delhi, India	2:30-4:45, 7:30-9am, 10pm-12 mid...News-
25.36	11.83	VW3	Perth, W. Australia	2-6:45pm /8:30am.
25.36S	11.83	WCRC	New York City, N.Y.	4-11pm.
25.37	11.825	CXA14	Colonia, Uruguay	4:30-10:05pm
25.37	11.825	JVZ2	Tokyo, Japan	4:50pm-2am.
25.38S	11.82	GSN	London, England	7-11:30am, 2:45-4:20, 4:35-5, 6:30-9:45pm.
25.38	11.82	KEBR	Hermosillo, Mexico	9am-1am.
25.39S	11.815	JVZ	Tokyo, Japan	5am-12 noon.
25.40	11.81	2RO4	Rome, Italy	2:15-2:30, 3:20-4:20, 6:30-7:25, 10:30am-12:15, 12:30-8:50, 9pm-12:20am to NA, 1230-1:30am to W.NA...News- 10, 11:30pm, 1am.
25.41	11.805	COGF	Matanzas, Cuba	3-11:30pm
25.42S	11.80	JZJ	Tokyo, Japan	E.NA, 11:25pm-4am to W.NA & Hawaii.

10	25.42S	11.80	DJZ	Berlin,Germany	7am-12 noon	/Noon,3-7:30pm.
	25.45S	11.79	WRUL	Boston,Mass.	1:15-6:30pm; Sat.1:30-6pm; Sun.10am-	
	25.46S	11.785	OFE	Lahti,Finland	12:45-3:15pm...News- 12:45,2:15pm.	*
	25.47S	11.78	HP5G	Panama City,Panama	9:30-10am,12:30-3,6-11pm; Su.10am-	
	25.48	11.775	MTCY	Hsinking,Manchukuo	10:30pm...News- 9:30am,12:45pm.	
	25.49S	11.77	DJD	Berlin,Germany	1:30-3am to NA...News 1:30,2:30am.	
	25.50S	11.765	PYD8	Sao Paulo,Brazil	1-2:30,7-11:30,11:40am-5:30,5:50pm-12	
	25.51N	11.76	DXR	Warsaw,Poland	mid. to NA...News- 7,8,9,10,11pm.	
	25.51S	11.76	VLR8	Melbourne,Australia	5:30-10:45pm or later.	*
	25.51	11.76	2R015	Rome,Italy	11:40am-5:30pm to Africa	*
	25.53S	11.75	GSD	London,England	4:30-8:15pm...News- 4:45pm.	/pm
	25.55	11.74	CB1170	Santiago,Chile	1:30-2:40,6:15-9:30,11:30am-2:30,3:20-7	
	25.55	11.74	DXC2	Berlin,Germany	2:10-5:57,6:57-11:15am,12:30-5,5:15-	
	25.55S	11.74	HVJ	Vatican City,	11:45pm to SA...News- 9am,12,4:45pm.	
	25.58S	11.73	WRUW	Boston,Mass.	8-9am,7:30pm-12:30am.	
	25.59	11.725	JVW3	Tokyo,Japan	7:30am- 2:15am.	/NA
	25.60	11.721	ZPA2	Asuncion,Paraguay	7am-12 noon,12:30-4:30,5:50pm-12 mid.to	to
	25.60S	11.715	HSP5	Bangkok,Thailand	Schedule unknown	
	25.62	11.71	YSM	San Salvador,El Salvador	6:30-11:15pm ex.Sat/Sun; Sat.6:15-11pm.	
	25.62S	11.71	WLWO	Cincinnati,Ohio	4:45-10:30am,4:50-2am to Japs in China.	
	25.62	11.71	VLG3	Melbourne,Australia	Relays ZP10 6-8:40pm	
	25.63	11.705	CXA19	Montevideo,Uruguay	7-11am...News- 8:30am.	*
	25.63	11.705	SBP	Motala,Sweden	San Salvador 2-3, 8-10:30pm	
	25.63	11.705	CBFY	Montreal,Canada	5:30-7:45pm	
	25.64S	11.70	HP5A	Panama City,Panama	12:55-1:40am to W.NA.	
	25.68	11.68	GRG	London,England	7:30-10pm	/to NA
	25.68S	11.68	XGRS	Shanghai,China	2:45-3:15,7-8am (Sun.4am-5:15pm),9-10pm	
	25.82	11.620	COK	Havana,Cuba	7:30am-12 mid...News- 8,10am.	
	26.31	11.402	HBO	Berne,Switzerland	8-11:40am,6pm-1am; Sun.9am-1am.	
	27.03N	11.100		Tananarive,Madagascar	10:45-11am,1-3,3:15-3:30,3:30-5pm to NA	
	27.17	11.04	CSW6	Lisbon,Portugal	4:30am-1pm, 7-9pm...News- 7:45pm.	
	27.27	11.00	PLP	Bandoeng,Java	2-2:45pm	*
	27.29	10.953	CR6RB	Benguela,Angola	1-5:30pm	
	28.30	10.60	ZIK2	Belize,Br.Honduras	5:40-11:40am, 3-8:40,11:40pm-3:20am.	*
	28.45S	10.543	DZD	Berlin,Germany	3:20-4:30pm; Sun.12 noon-1pm.	
	28.82	10.41	KES-KGEI	Bolinas,Calif.	Tues/Thurs/Sat. 2:30-3,9:30-9:50pm.	
	28.85	10.40	YSPA	San Salvador,El Salvador	2:30-3,4:30-5,5:50pm-12 mid. to NA....	
	28.95	10.365	PLS	Bandoeng,Java	News- 7,8,9,10,11pm.	
	29.04	10.33	2R0-	Rome,Italy	11:15pm-4:30,6-11am to Asia	*
	29.15S	10.29	DZC	Berlin,Germany	San Salvador 9:10-10am, 7:30pm-12:30am.	
	29.33F	10.23		Saigon,Fr.Indo-China	5:40-11:40am,3-8:40,11:40pm-3:20am.	*
	29.35	10.22	PSH	Rio de Janeiro,Brazil	7-8:50pm to S.A.,9pm-12:20am to N.A.	
	29.59	10.14	OPM	Leopoldville,Bel.Congo	News- 10,11:30pm.	
	29.62S	10.13	HH3W	Port-au-Prince,Haiti	4-5:45,5:50pm-12:15am to S.A.	
	29.84	10.055	SUV	Cairo,Egypt	5:30-10:30,11:30am-12 noon,1-1:30,	
	29.85	10.05	MTCY	Hsinking,Manchukuo	7:45-8:20pm...News- 6:15,7:30,11:45am.	
	29.87N	10.042	DZB	Podebrady,Bohemia	7-8pm ex.Sun; Mon/Wed/Sat 9-9:30pm.	/pm
	29.88	10.04		Kuibishey,U.S.S.R.	2:55-3:45pm.	
	30.18	9.94	XGOS	Chungking,China	1-4:45,7:30-11:30pm; Sun.1-5,7-11:30	
	30.33	9.89	LSN2	Buenos Aires,Argentina	2:45-3:30pm	
	30.49S	9.84	CR7BE	Lourenco Marquez,Mozambique	1:30-3am...News- 1:30,2:30am.	
	30.51	9.833	COCM	Havana,Cuba	3:20-4:30am irreg.	*
	30.54	9.825	GRH	London,England	8:15-10:30am irreg.--News- 8:50,9:30am	
	30.67	9.78	HNF	Baghdad,Iraq	6-11am.	
	30.74	9.76	2R018	Rome,Italy	10:45-11:15pm	/pm to Australia
	30.75	9.755	ZRO	Durban,So.Africa	10:45-11:15pm (Sa.to6pm); Su. 11am-3	
	30.77	9.75	NBS	Anti-British	3-5pm (Sa.to6pm); Su. 11am-3	
	30.77	9.75		Free-French Station	9am-1am; Sun.9am-12 mid.	
	30.80	9.74	TI4NRH	Heredia,Costa Rica	5:15-12:15am to C.A...News- 5:15,6:45,	
					9,10:45pm.	
					10am-3pm.	/News- 10,11:30pm.
					12:30,2:30,7-8:55,9pm-12:20am to NA....	
					4:30-8,10am-5pm; Sun.4:50am-5pm.	
					3:30-4,4:30-5,5:30-6pm ex.Su; also Sun.	
					2-2:15am,3:30-3:50pm.	/12:30-1pm.
					Tu/Th/Sat 12-1:30am or later.	

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30.80	9.74	TI4NRH	Heredia, Costa Rica	Tu/Th/Sat 12-1:30am, or later
30.32	9.735	CSW7	Lisbon, Portugal	5:40-7:50, 8-10pm to NA
30.82	9.73	CB970	Valparaiso, Chile	7:30-9am, 10pm-12:30am.
30.86	9.72	XGOA	Chungking, China	1-2, 7am-12 noon, 3-5pm...News- 10, 11:15
30.90F	9.71	<u>QAX4K</u>	Lima, Peru	8-11:30pm
30.92F	9.705		Fort-de-France, Martinique	12:30-1:40, 6:35-9pm
30.95	9.695		Tananarive, Madagascar	11:30am-12:30pm. /10:45pm
30.96S	9.69	GRX	London, England	3-11:30am, 12 noon-3, 3:15-4:15, 5-6, 7-
30.96	9.688	LRA1	Buenos Aires, Argen.	11:30am-2, 3:30-4:30, 5-10pm.
30.98	9.685	TGWA	Guatemala, Guatemala	11pm-12:45am ex.Su; Sun. 7pm-12:45am.
30.99	9.68	XEQQ	Mexico D.F., Mexico	9am-1:45am
30.99N	9.68	<u>EQC</u>	Teheran, Iran	11am-1pm (Th. 9:30am-1, Fri. 10am-1pm.)
31.01	9.675	DJX	Berlin, Germany	1-3:15, 11:40am-5:30pm...News- 12:15pm.

31 METER BAND

31.02	9.67	WRCA	New York City, N.Y.	2:30-3:40pm to Europe, 7pm-1am to S.
31.02	9.67	2RO9	Rome, Italy	4-7pm approx.
31.06S	9.66	LRX	Buenos Aires, Argentina	6:30-7:05am, 8:30am-11:05pm.
31.06N	9.66	XGRI	Shanghai, China	8-11am...News- 10:10am.
31.06	9.658	HIBM	Port-au-Prince, Haiti	11-10am, 1-4, 4:30-9:45pm.
31.08S	9.655	HJCT	Bogota, Colombia	11am-3, 6:15pm-12:40am
31.09S	9.65	DJW	Berlin, Germany	1-3:15, 7am-12 noon, 5:50pm-12:15am
31.09	9.65	VLW2	Perth, W. Australia	9-11:10am to S.E. Asia...News- 10:30am.
31.11	9.645	<u>LLH</u>	Oslo, Norway	6:40-8am, 1:30-6, 10-11pm to NA.
31.12S	9.64		German Revolutionary	12-3:30am irreg., 5-5:20pm.
31.12S	9.64	CXA8	Colonia, Uruguay	3-5, 9-11pm (Sun. to 2am)
31.13F	9.635	XGOY	Chungking, China	8:20-9:55am irreg.
31.14	9.63	2RO3	Rome, Italy	3-3:30am, 1-2:30, 3:20-7, 7-8:55, 9pm-12:20, 12:30-1:30am to NA...News- 5, 6:20, 10, 4:30-10:15pm. /11:30pm, 1:00am.
31.19	9.62	CXA6	Montevideo, Uruguay	4:30-10:15pm. /11:30pm, 1:00am.
31.19N	9.62	D--	Berlin, Germany	5:50pm-2am to NA...News- 7, 8, 9, 10, 11pm
31.19S	9.62	TIPG	San Jose, C.R.	8:15am-12:30am. /12, 1am
31.21	9.615	VLQ	Sydney, Australia	Off air at present.
31.22	9.61	XEYU	Mexico D.F., Mexico	12 mid.-1:15am.
31.22	9.61	DXB	Berlin, Germany	12 noon-4:15pm
31.23	9.606	<u>ZRL</u>	Capetown, S. Africa	12:45-2:45, 4:15-10, 10-11:15am; Sun. 2:10-2:45, 4:30-9, 10 /11pm.
31.23S	9.605	HP5J	Panama City, Panama	9-10am, 1-2:30, 7:30-11:30pm; Sun. 9am-
31.25S	9.60	GRY	London, England	2:10-3:30am, 2:30-5 (3:30-5pm to NA)..
31.25N	9.60	CB960	Santiago	9pm-12 mid. * /News- 4:45pm.
31.25S	9.60	<u>PZX</u>	Paramaribo, Dutch Guiana	6:40-8:40pm (Sat. also 5:55-6:20pm) ex.Sun; Sun. 10:10-11:40am
31.27S	9.595	Eire	Athlone, Ireland	5:10-6pm...News- 5:12pm* /News- 8:30am
31.28	9.59	VUD3	Delhi, India	2:30-4:30, 7:30am-1:30, 10pm-12 mid.....
31.28S	9.59	WLWO	Cincinnati, Ohio	7pm-12:30am.
31.28S	9.59	PCJ	Huizen, Holland	4:00-5:45, 5:50pm-12:15am to S.A.
31.32S	9.58	VLG	Melbourne, Australia	Off air at present.
31.32N	9.58	VLQ6	Sydney, Australia	10:25-11:10am to W.NA...News- 10:30am.
31.32S	9.58	VLR	Melbourne, Australia	4-8:30am...News- 8:15am.
31.32S	9.58	GSC	London, England	12:45-1:45am, 12:45-1, 1:45-2:15, 3-4, 5:15pm-12:45am to NA...News- 5:15, 6:45, 9, 4-5:30am. /10:45pm, 12:30am.
31.35	9.57	VUM2	Madras, India	4-5:30am. /10:45pm, 12:30am.
31.37N	9.567		Komsomolsk, U.S.S.R.	9:15-9:45am, 11:15-11:40pm...News- 9:20am, 11:20pm.
31.37S	9.565	J--	Tokyo, Japan	5-7:30, 8-11am...News- 5, 8, 10:45am.
31.38S	9.56	DJA	Berlin, Germany	5:50pm-12:15am to S.A.
31.38	9.56	VLW2	Perth, W. Australia	7-9am...News- 7:20am.
31.40N	9.555	XETG	Mexico D.F.	Testing evenings
31.40	9.55	XETA	Monterrey, Mexico	8:55am- 1am.
31.40	9.55	YDB	Soerabaya, Java	5:40-11:40am, 3-8:40, 11:40pm-3:20am.
31.40	9.55	VUB2	Bombay, India	3-4:55am.
31.41	9.55	WGEA	Schenectady, N.Y.	6pm-7:45am.
31.43	9.545	<u>MTCY</u>	Hsinking, Manchukuo	9-10:30am, 5-6pm...News- 9:30am.
31.43	9.545	RV-	Khabarovsk, U.S.S.R.	1:30-10:30am, 4-7, & irreg.
31.44	9.543	XEFT	Veracruz, Mexico	10am- 2:15am.
31.44	9.543		German Freedom Station	2:52, 3:52, 4:52, 5:52, 6:52pm.
31.45	9.54	<u>OAX5C</u>	Ica, Peru	8pm-12 mid. /9:15-11am to S.E. Asia
31.45	9.54	VLG2	Melbourne, Australia	4:30-11:15am (7:25-8:10am to E.NA., -
31.47	9.535	<u>VPD2</u>	Suva, Fiji's	4:50-6am...News- 5:20am.

31.47S	9.535	JZI	Tokyo, Japan	5-7:30, 8-11am, 11:25pm-4am to W.NA & Hawaii... News- 5, 8, 10:45am, 11:30pm, 1:30 9:45-11:05pm to NA * /2:30am
31.47S	9.535	HER4	Berne, Switzerland	
31.47	9.535	SBU	Motala, Sweden	5:20-4:35, 9-10pm to NA... News- 9:30pm
31.48S	9.53	WGEO	Schenectady, N.Y.	4-11pm
31.50N	9.525	JZHA	Hongkong, Hongkong	8-10am... News- 9:15am
31.50	9.525	DXY	Warsaw, Poland (Berlin)	9am intermittently to 12 mid.
31.50	9.520		Vichy, France	7-7:45, 8-8:45, 9-10pm to NA, 10:15-10:45, 11-11:30, 11:45pm-12:30, 12:45-1:30, 1:45-2:30, 2:45-3:30, 3:45-4:30am. *
31.50	9.52		Paris (Mondiale), France	2-4:30pm
31.55S	9.51	GSB	London, England	2:10-5:57am, 5-6, 7-10:45pm.
31.57S	9.505	JLG2	Tokyo, Japan	11:30am-2:30pm approx... News 11:30am, 2
31.57N	9.505	YUC	Belgrade, Yugoslavia	Heard near 4pm *
31.58	9.50	XEWW	Mexico D.F., Mexico	9am- 2:45am.
31.60S	9.495	OFD	Lahti, Finland	12:45-3:15pm... News- 12:45, 2:15pm. *
31.65	9.48	CP38	La Paz, Bolivia	6:30-11pm.
31.69	9.47	CR6RA	Luanda, Angola	3:30-5pm.
31.69N	9.47		San Juan, P.R.	Heard afternoons irreg.
31.70	9.465	TAP	Ankara, Turkey	10am-5pm; 6:50-7:30pm irreg.-News-3:15
31.75S	9.45	GRU	London, England	1:15-1:45, 9:30-11:15am, 1-2:15, 2:30-2:45
31.80S	9.435	COCH	Havana, Cuba	7am- 1:15am /3-4:20p
31.86	9.42	GRI	London, England	6:57-8:30am to NA; 11:30am-12:45pm....
31.88S	9.41	FGA	Dakar, Senegal	3:15-6pm. * /News - 7am.
31.88N	9.41	HJCJ	Bogota, Colombia	Heard evenings irreg. *

32.02N	9.37	XLMA	China	7-9am. *
32.05S	9.36	COBC	Havana, Cuba	9am- 1:15am; Sun. 8am- 11:30pm.
32.12	9.34	OAX4J	Lima, Peru	9-10am, 1-4, 7pm- 2am.
32.22	9.31	HC2AK	Guayaquil, Ecuador	7pm-12 mid.
32.28	9.295	HI2G	Trujillo City, D.R.	8:10-9:40, 12:40-3:10, 6:10-10:40pm.
32.36S	9.27	COCX	Havana, Cuba	8:45am- 1am.
32.40S	9.26		Bucharest, Roumania	3-6:05pm... News- 4:50pm. *
32.64	9.19	HC2ET	Guayaquil, Ecuador	8:30am- 1:30am; Sun. 9:30-11:30pm.
32.88S	9.125	HAT4	Budapest, Hungary	7-9, 9-11pm to NA... News- 9:20, 10:25pm.
33.24	9.025	COBZ	Havana, Cuba	8:45am- 1am; Sun. 8:45am- 12 mid.
33.48	8.96	TP22	Alger, Algeria	3-4, 8-10am, 2:30-4:15, 5-7pm. *
33.98F	8.83	COCQ	Havana, Cuba	6am- 2:15am. *
34.48S	8.70	COCO	Havana, Cuba	5:30am- 1:30am
34.62	8.865	COJK	Camaguey, Cuba	12:30pm- 1:30, 4:30-7, 9-9:30pm.
34.95	8.585	YNRS	Managua, Nicaragua	9-10am, 7:40pm-12 mid.
35.44	8.465	XPSA	Kweiyang, China	6:30-12 noon, 4-6pm... News- 10, 11:15am.
37.27S	8.05	XOJD	Canton, China	6-8am or later. /News French, 4, 5:30pm
37.36S	8.035	CNE	Rabat, Morocco	3:15-3:45, 8-9am, 1:30-5:30, 7:30-8pm.... *
37.37S	8.035	FXE	Beyrouth, Syria	1-4:30, 5-7:30, 9am-4pm. *
37.50S	8.00	FTAG	Douala, Camerouns	6:45-7am, 2:15-2:30pm.
37.81N	7.935	PSL	Rio de Janeiro, Brazil	7-8pm with PSH *
38.00	7.894	YSD	San Salvador, El Salvador	8-12 mid. with HUB
38.15	7.865	SUX	Cairo, Egypt	1:30-5pm. Is anyone hearing?
38.20	7.854	HC2JSB	Guayaquil, Ecuador	9-11pm.
39.16	7.66	YNDG	Leon, Nicaragua	9:30pm-12 mid. ex. Sun.
39.40	7.615	YNLAT	Granada, Nicaragua	9-11:15pm
39.79N	7.54		U.S.S.R.	8-11:30am approx. *
40.05	7.49	YN2FT	Granada, Nicaragua	9-11pm
40.30S	7.446	FG8AH	Pointe-a-Pitre, Guadeloupe	7-9pm. *

41 METER BAND

40.98S	7.32	GRJ	London, England	1-1:30, 1:45-2:20, 2:45-5am, 3-4:45pm.
40.99	7.317		Salisbury, S. Rhodesia	1-4pm.
41.06	7.305		Ponta Delgada, Azores	4-5pm
41.15	7.29	VUD2	Delhi, India	10pm-12:30am.
41.15S	7.29	DJI	Berlin, Germany	5:30-5:45, 5:50pm-12:15am to S.A.
41.18	7.285	JLG	Tokyo, Japan	4:45-8am, 3-6:30pm. /10:45am, 3, 6pm.
41.34S	7.275	JVW	Tokyo, Japan	5-7:30, 8-11am, 2:55-6:30pm... News- 5, 8,
41.35N	7.255	COF	Havana, Cuba	7:45pm-9pm tests. *
41.38F	7.25	KGEI	San Francisco, Calif.	11:15pm-4:30, 6-11am *
41.38	7.25	VLQ9	Sydney, Australia	7:25-8:10am to E.NA, 4:25-5:25am... News
41.44	7.24	VUB2	Bombay, India	3-4:45, 7-9:45am, 10pm-12 mid. /7:30a
41.44	7.24	DXJ	Berlin, Germany	12:30-4, 5:50pm-2am to NA... News- 7, 8, 9, /10, 11, 12, 1am.

41.49S	7.23	GSW	London, England	12-2:15, 3-5:45, 7-11:30am, Noon-6:45pm.
41.55S	7.22	2R011	Rome, Italy	1:30-3, 11:30am-7pm approx, 7-8:55pm.
41.55	7.22	YDX	Medan, Sumatra	7am-12:30pm; 11:30pm-3am
41.61	7.21	VUC2	Calcutta, India	3-5:30, 7:30-11:15am, 10-11:30pm.
41.61	7.21		Salisbury, So. Rhodesia	5-5:30, 7-7:15, 11:45am-12:30pm.
41.64	7.205	RFL	Moscow, U.S.S.R.	4:15-7am approx.
41.64S	7.205	EA--	Madrid, Spain	4-7pm. *
41.96S	7.15	GRT	London, England	4-4:15am, 3-6:45pm.
42.02C	7.14	EAJ9	Malaga, Spain	4-6:30pm. *
42.08C	7.13	EAJ22	Oviedo, Spain	3-6pm
42.24	7.10	FO8AA	Papeete, Tahiti	Wed/Sat. 12-1:15am.
42.24N	7.10	EA--	Spain	Heard to 6 or 6:30pm *
42.31	7.09	EA9AA	Tetuan, Spanish Morocco	Heard to 6pm *
42.37	7.08	YI5KG	Baghdad, Iraq	10am-3pm.
42.40F	7.075		Athens, Greece	Heard 5:15 to 6 p.m. or later. *
42.43	7.07		Serb Freedom Station	3:15-3:30, 4-4:15, 4:30-4:45pm.
42.46S	7.065	GRS	London, England	2:10-4:15am, 11pm-12:45am to NA.. News
42.65	7.037	EA--	Valencia, Spain	3:30-7pm /12:30am
42.71S	7.025	EA--	Spain	4:30-5:30pm

43.23N	6.94		U.S.S.R.	8-11:30am approx.
43.67	6.87	YNOW	Managua, Nicaragua	8pm-12 mid. or later.
43.73N	6.86	KEL-KGEI	Bolinas, Calif.	11:15pm-4:30, 6-11am. or KEN.
43.83N	6.845	KEN-KGEI	Bolinas, Calif.	11:15pm-4:30, 6-11am. or KEL
43.92N	6.83	RFL	U.S.S.R.	8-11:30am approx.
44.28	6.775	HIH	San Pedro, D.R.	8-9:10pm; Sun. 6:20-7:40pm
44.40	6.757		Salisbury, So. Rhodesia	1:55-4pm ex. Sun.
44.64	6.72	PMH	Bandoeng, Java	Heard to 2:45pm
44.81	6.696	TIEP	San Jose, C.R.	8-9am, 8pm-1am.

49 METER BAND

45.05	6.66		Brazil	6-7pm
45.22	6.635	HC2RL	Guayaquil, Ecuador	Sun. 6:45-7:45, Tu. 10:15pm-12:15am.
45.25	6.63	HIT	Trujillo City, D.R.	1:10-2:40, 5:40-9:40pm
45.63	6.575	YSPB	San Salvador, El Salvador	Nightly to 12:58am
45.87	6.54	YNI5G	Managua, Nicaragua	2-3:30, 9-11pm ex. Sun.
46.15	6.50	HIL	Trujillo City, D.R.	1:30-3, 7-10:30pm ex. Sun.
46.22	6.49	TGWB	Guatemala, Guatemala	9-10, 1:45-4:45, 8:30pm-1am; Sun. 11:30am-6:15, 8:30pm-1am.
46.26	6.485	HILL	Santiago, de los Caballeros, D.R.	6:30-8:30pm ex. Sun.
46.48	6.455	COHI	Santa Clara, Cuba	7:42am- 1:15am.
46.58	6.44	HILS	Santiago, D.R.	6:40-9:10pm ex. Sun.
46.84	6.405	TGQA	Quezaltenango, Guatemala	9-11:30pm; Sat. 9pm-2am; Su. 3pm-4am
46.95	6.39	HI9B	Santiago, D.R.	6:40-8:40pm
47.10J	6.37	COCQ	Havana, Cuba	7:30am- 2am.
47.20	6.357	HRP1	San Pedro Sula, Honduras	7-8:30am, 7-11:30pm
47.32	6.34	OAX4G	Lima, Peru	7pm-1:30am. (Sat. to 2am)
47.39	6.33	COCW	Havana, Cuba	8:55am- 1:15am.
47.47S	6.32	SUP2	Cairo, Egypt	12:10-1pm *
47.50	6.316	HILZ	Trujillo City, D.R.	12:40-1:40, 6:10-11:10pm.
47.68	6.29	OAX1A	Chiclayo, Peru	8:30pm-12:30am.
47.77F	6.28	HILG	Trujillo City, D.R.	8:10-9:40am, 12:40-3:10, 4:40-10:40pm.
47.85	6.27	YSR	San Salvador, El Salvador	8pm-12 mid.
47.96	6.255	CP12	La Paz, Bolivia	8-10pm
48.04	6.245	HILN	Trujillo City, D.R.	7:40-8:40am, 12:40-2:40, 8:10-11:20pm.
48.08	6.24	HRD	La Ceiba, Honduras	9-11:30pm; Sun. 5-7pm.
48.08	6.24	HJCF	Bogota, Colombia	8pm-12mid. / 9:40pm, Fri. 9:10-11:10pm.
48.34	6.206	HILX	Trujillo City, D.R.	Mon/Wed/Sat 8:10-11:10pm, Th. 8:40-9pm-lam approx. /NA. Irreg. --*
48.38	6.205	OAX3A	Huancayo, Peru	9pm-lam approx. /NA. Irreg. --*
48.39S	6.200	D--	Paris, France (Mondiale)	2-4:30pm, 5:50pm-12 mid. to
48.39	6.20	CP5	La Paz, Bolivia	7:15-9am, 7:30pm-12 mid. /Su. 4-9pm.
48.43	6.196	TG2	Guatemala, Guatemala	8:30-11am, 7pm-12 mid.; Sat. 7pm-4am-
48.43S	6.195	GRN	London, England	12 mid.-5:45am, 2:30-3:30, 4-5, 7:15-8:15pm
48.47N	6.19	WGEA	Schenectady, N.Y.	5:30-8:30am. (pm)
48.47	6.19	HILA	Santiago, D.R.	4:40-6:40, 7:40-10:40pm
48.47	6.19	KECC	Puebla, Mexico	Heard evenings *
48.47S	6.19	JLT	Tokyo, Japan	2:55-6:30pm.. News- 3, 6pm.
48.47	6.19	HVJ	Vatican City	2-3:45pm approx. Irreg.
48.48	6.188		Saigon, Fr. Indo-China	8-10:30am.

14	48.51	6.185	TIRCC	San Jose,C.R.	Tu/Th/Sat. 7-8pm; Sun.9-10pm
	48.54	6.18	XEXA	Mexico D.F.,Mexico	9:30am-12 noon,3:30-5,8:30pm-1:30am
	48.54S	6.18	GRO	London,England	11:30am-12:15, 1-2:15pm
	48.58	6.174	HI9T	Puerto Plata,D.R.	Daily to 7:40pm; Sat.to 11pm or later
0000	48.62N	6.17	WCDA	New York City,N.Y.	8-11pm. **
	48.66	6.165	HER3	Berne,Switzerland	1:40-2:40,7-8:45am, 2-5:30pm
	48.66	6.165	TILS	San Jose,C.R.	8-10:30am, 1-3:30,7-11pm (to 3am Sun)
	48.70	6.16	HJCD	Bogota,Colombia	11am-1, 5pm-12 mid. /Noon.
150	48.70S	6.16	CBRX	Vancouver,B.C.,Canada	Relays CBR 10:30am-4am...News-
	48.74S	6.155	EQB	Teheran,Iran	1-4pm...English talk at 3pm *
	48.74	6.155	CS2WD	Lisbon,Portugal	4-7pm.
	48.74	6.155		Anti-Vichy Station	5:10-5:20, 12:45-12:55am.
	48.78S	6.15	HI3C	La Romana,D.R.	Heard 8:20-9am, 5:55-7:10pm.
	48.78	6.15	TIRH	San Jose,C.R.	Heard to 12:35am
	48.78	6.15	ZRD	Durban,So.Africa	12:45-2:45,4:30-8,10am-5pm; Sun.2:10-2:45,6:30am-5pm.
	48.82	6.145	HJDE	Medellin,Colombia	10:30am-11:30pm
	48.82	6.145	GRW	London,England	Schedule unknown
	48.86S	6.14	DDX	Berlin,Germany	1-7, 10pm-12:15am. * /am*
	48.90	6.135	FK8AA	Noumea,New Caledonia	3:30-4:30am,9-10am, Sun.1:40-2:35
500	48.93S	6.132	CHNX	Halifax,N.S.,Canada	8am-12:15am; Sat.9am-12 mid.,Sun. 1pm-12:15am...News- 3:30,5:30,11pm. 9:15am-12 noon...News- 11:50am.
	48.94S	6.13	VUD2	Delhi,India	3-11:30am, 6:30-7pm. *
	48.98S	6.125	MTCY	Hsinking,Manchukuo	7pm-12 mid.
	48.98	6.125	CXA4	Montevideo,Uruguay	7pm-12 mid.
	49.00	6.122	HP5H	Panama City,Panama	7pm-12 mid.
	49.02	6.120	OFH	Helsinki,Finland	2-3:30,8:30-9:30,11am-6:15pm.
	49.02	6.119	XEUZ	Mexico D.F.,Mexico	10am-2, 8pm-3am.
	49.08	6.115	HI6H	Trujillo City,D.R.	10:40am-9:40pm
	49.08N	6.115		Komsomolsk,U.S.S.R.	9:15-9:45,10:15-10:45am, 5:15-5:40, 7-7:40, 9:15-9:40, 11:15-11:40pm..... News- 9:20,10:20am,5:20,7:20,9:20,1120 5pm-1am. /pm
	49.10	6.11	CP2	La Paz,Bolivia	2:10-3:45,11:30am-2:15,5:15pm-12:45am
	49.10S	6.11	GSL	London,England	to NA... News- 5:15,6:45,9,10:45pm, /12:30am
	49.14S	6.105	PRE9	Fortaleza,Ceara,Brazil	4:30-11pm
	49.14	6.105	HJFB	Manizales,Colombia	6:30-11pm ex.Sun.
	49.14	6.105	XGAP	Peiping,China	5-11:50am
	49.21	6.097	HJFK	Pereira,Colombia	8-9am,7:05-11:30pm (to 3:30am Sun.ir.)
5000	49.21	6.095	PRF3	Sao Paulo,Brazil	5:40-10:45pm
000	49.25S	6.090	ZNS2	Nassau,Bahamas	9-9:15am,2-2:30,7-10pm *
000	49.25	6.09	CBFW	Montreal,Canada	7:30am-1am relays CBF programs *
	49.25N	6.09	XEBF	Jalapa,Mexico	Heard evenings irreg.
	49.25	6.09	RV--	U.S.S.R.	4:10am on-- *
	49.35	6.082	OAX4Z	Lima,Peru	8pm-12 mid. or later.
	49.34	6.08	GRR	London,England	1:30-2am, 1:30-1:45,7:20-7:35pm
	49.34F	6.08	CRFX	Vancouver,B.C.,Canada	10:30am-4am /-8:15...News- 7am*
	49.34	6.08	ZFY	Georgetown,British Guiana	6:45-8:45,10:45am-12:45,3:15
000	49.42	6.07	CFRX	Toronto,Canada	7am-1:30am; Sun.11am- 12 mid...News-
	49.42N	6.07		Komsomolsk,USSR	9:15-9:45am...News- 9:20am/8am, 4pm.
	49.42	6.07	TIWS	Puntarenas,C.R.	8:30-11pm; Sun.3-9pm.
	49.42	6.07	CR8AA	Macão,Macao	6-10am.
	49.46	6.065	SBO	Motala,Sweden	5:20-5:35pm...English - 5:20pm.
	49.48	6.063		Tananarive,Madagascar	10:30am-12:30pm approx.
	49.50S	6.06	VQ7LO	Nairobi,Kenya	10:30-11am, 1-3:15pm *
	49.50F	6.06		Bangkok,Thailand	7-11am...News- 8:30am. *
	49.55	6.054	HJFA	Pereira,Colombia	10am-1,7:30-11:20pm
	49.59	6.05	GSA	London,England	12 mid.- 8:15pm (European Service)
	49.59	6.05	OAX6A	Arequipa,Peru	7pm-12 mid.
	49.59	6.05	HP5F	Colon,Panama	8-10pm
	49.59	6.05	RV--	Khabarovsk,U.S.S.R.	1am-12 noon.
	49.66	6.04	XETW	Tampico,Mexico	8pm-2am. /Sun. 3-7:45pm
	49.66S	6.04	WRUS	Boston,Mass.	1:15-11:15pm ex.Sa/Su; Sat.1:30-11pm;
	49.73	6.035	CR7AA	Lourenco Marques,Mozambique	1-2,5:30-8,1-5:15pm; Sun.
	49.73	6.03	HP5B	Panama City,Panama	11:30am-3, 7-11pm 5:30-8,11am-3pm
	49.73	6.03	DXP	Berlin,Germany	10am-12 noon,5:50pm-2am to NA...News-
	49.73	6.03	CFVP	Calgary,Alta,Canada	11am-3am /7,8,9,10,11,12 mid.,1am.
	49.73	6.03	MTCY	Hsinking,Manchukuo	3-10am.

49.75	6.03	XEKW	Morelia, Mexico	9am-2, 6pm-12:40am.
49.78	6.026	H11J	San Pedro, D.R.	12:40-2:40, 7:10-9:40pm, or later.
49.80	6.023	XEUW	Veracruz, Mexico	8am-lam.
49.83	6.02	DJC	Berlin, Germany	11:40am-5:30pm to Africa.
49.84	6.018	HJCX	Bogota, Colombia	8-9, 11:30am-3, 6:30pm-12:40am.
49.88	6.015	XEWV	Mexico D.F., Mexico	to lam.
49.88	6.015	HI3U	Santiago, D.R.	8:10-9:55am, 12:40-2:40, 5:40-6:40pm.
49.92S	6.01	CJCX	Sydney, N.S., Canada	6:45am-2:30, 9pm-12 mid... News- 7, 8
49.92	6.01	PRAB	Recife, Pernambuco, Brazil	4-10pm. /am, 6:15pm.
49.95	6.007	ZRH	Johannesburg, So. Africa	11am-5pm.
49.96	6.005	CFCX	Montreal, Canada	9am-2am, Sun. 10am-12:15am.
49.96S	6.005	ZOY	Accra, Gold Coast	11am-4pm. *
49.96S	6.005	HP5K	Colon, Panama	8-9am, 8pm-lam... News, 9:30, 10:15, *
49.96	6.005	CXA2	Montevideo, Uruguay	9pm-2am. /11:05pm
50.00	6.09	XEBT	Mexico D.F., Mexico	11am-1:30am... News- 8:45pm, 1:20am.

50.13	5.985	XGOA	Chungking, China	3-5pm.
50.21	5.975	OAX4P	Huancayo, Peru	10pm-12 mid.
50.23	5.972	HQQRX	Quito, Ecuador	7:45-9am; Evenings to 11:45pm. /6:30pm
50.25	5.97	VONH	St. John's, Newfoundland	8:30am-2:30, 4:30-10:30pm... News
50.42	5.95	XGOY	Chungking, China	8:20-9:50, 10-11:30am to NA, 4-5pm... News- 8:30, 10:00, 11:15am.
50.45	5.947	HH2S	Port-au-Prince, Haiti	7:30-11pm
50.46S	5.946	PZX3	Paramaribo, Dutch Guiana	6:40-8:40 (Sat. 5:55-6:25) ex. Sun; Sun. 10:10-11:40am *
50.51	5.94	OAX2A	Trujillo, Peru	9pm-12 mid.
50.54S	5.936	PJCI	Willemstad, Curacao	8-10:20pm. *
50.76S	5.91		U.S.S.R.	Heard 8-11:30am approx.
50.85	5.90	TIGPH-TIX	San Jose, C.R.	8:10-9am, 8-11pm, 11pm-lam.
50.90S	5.895	ZNB	Mafeking, Bechuanaland	12:45-2:45, 7:30-8:10am, Noon-5pm*
51.07	5.875	HRN	Tegucigalpa, Honduras	7pm-12 mid.
52.17	5.75	YNJAT	Leon, Nicaragua	8-11:20pm
52.40	5.725	HC1PM	Quito, Ecuador	9-11pm ex. Sun.
54.00	5.56	HUB	San Salvador, El Salvador	2-3, 9:30pm-12 mid. with YSD
58.31	5.14	PMY	Bandoeng, Java	6:30am-1pm.

60 METER BAND

60.48	4.96	VUDZ	Delhi, India	7:30-9:30am... News- 8:30am.
60.55N	4.955	HJCQ	Bogota, Colombia	Heard irreg.
60.67	4.945	HJCV	Bogota, Colombia	8-9am, 8:30pm-12 mid.
60.85	4.93	HJAP	Cartagena, Colombia	10am-2:30, 8:00-11:15pm ex. Sun.
60.98	4.92	YV5RN	Caracas, Venezuela	5pm-12 mid.; Sun. 4:30pm-12 mid.
60.98	4.92	VUM2	Madras, India	6:30am-1pm
61.18	4.905	HJAG	Barranquilla, Colombia	12noon-12 mid.; Sun. 12 noon-9pm
61.29	4.895	HJCH	Bogota, Colombia	12:30-3, 7pm-12 mid.
61.35	4.89	YV5RM	Caracas, Venezuela	12 noon-3, 5-11:30pm; 10:30am-2, 5-11p
61.42	4.885	HJDP	Medellin, Colombia	9am-2, 7pm-12 mid.
61.48	4.88	VUB2	Bombay, India	10am-1:15pm... News- 12 noon
61.54	4.875	HJFH	Armenia, Colombia	9am-12 noon, 7-11:30pm.
61.67	4.865	PRC5	Belem, Para, Brazil	6-9pm
61.73	4.86	YV5RU	Caracas, Venezuela	6-10:30pm; Su. to 11:30pm
61.78	4.855	HJCA	Bogota, Colombia	Relays HJCU evenings to 11pm or mid.
61.83	4.85		Java	8-11am.
61.94	4.845	HJCD	Bogota, Colombia	11am-1, 5pm-12 mid.
61.98	4.84	VUC2	Calcutta, India	11:30am-1pm.
61.98	4.84	YV1RZ	Valera, Venezuela	12:30-2, 6:45-9:45pm.
62.04F	4.835	HJAE	Cartagena, Colombia	8am-7, 8-11:30pm *
62.11S	4.83	YV2RN	San Cristobal, Venezuela	12:30-1:30, 7-10:30pm ex. Sun.
62.17	4.825	HJED	Cali, Colombia	8pm-12 mid.
62.24	4.82	YV3RN	Barquisimeto, Venezuela	12:30-2:30, 6:30-10:30pm.
62.31	4.815	HJBB	Cucuta, Colombia	Signs-off at 12 mid.
62.33	4.81	YV1RL	Maracaibo, Venezuela	12 noon-2, 5:30-11:30pm.
62.44	4.805	HJDU	Medellin, Colombia	7-9:30pm irreg.
62.50	4.80	YV1RX	Maracaibo, Venezuela	To 11:30pm.
62.57	4.795	HJDX	Medellin, Colombia	6-11:35pm
62.63	4.79	YV6RU	Cuidad Bolivar, Venezuela	6:30-10:30pm
62.70	4.785	HJAB	Barranquilla, Colombia	6-11:30pm
62.83	4.775	HJGB	Bucaramanga, Colombia	7-11pm
62.89	4.77	YV1RY	Coro, Venezuela	7:30-11pm ex. Sundays

ASIA AND OCEANIA

EWT
AUSTRALIA Australia now broadcasts to NA: 12:55-1:40am over VLG3 (11.71) & VLQ3 (15.31) to W.NA; 7:25-8:10am over VLG2 (9.54), VLQ9 (7.25), to E.NA; 10:25-11:10am over VLQ6 (9.58), to W.NA; English news at 1,7:30,10:30am EWT (**Bailey,Hart,Hankins,Wilson,Skyten,Balbi)...VLR (9.58), Melbourne,now signs-off at 8:30am; News in English at 8:15am EWT (Wilson,Hankins-E)...Network pickups from Australia, are usually made over VLY (9.43), mornings, and VLN7 (13.57), evenings (**Hart-E)

BURMA According to Berlin,XYZ,Rangoon,was destroyed by Japanese bombers.(BL)

CHINA NEW: XGRI (9.66), being heard approximately 9-11am EWT; Very pro-Jap news in English at 10:10am EWT; bugle used for interval signal. Location unknown as yet (**Balbi-W)...XGOY, back on 9.635, heard 8:20-9:55am (**Baxter-W)...XGOY on 5.95, heard 10-11:30am to NA, 11:30am-12:30pm EWT; English news at 10, 11:15 am & 12:15pm EWT (**Baker,Balbi)...XGOX (15.20),heard 8-10pm EWT irreg (Balbi-W)...XGRS (now on 11.68),Shanghai,operates approx. 4:30am-1, 7-9pm EWT; News in English at 7:45pm EWT(7:45am Shanghai Daylight Saving Time)(**Skyten,Roberts-E) ...XIRS (11.98),now operates 7-9:30am; English news at 8:15am EWT (NZDXTRA-NZ). ...NEW: XLMA (9.37),heard 7-9am EWT(Simpson-Austra.)...XQJD (8.05),Canton,heard as late as 11am EWT (Fern-Hawaii)...XGOY (11.9), often relays network pickups evenings- from Chungking (Newell-E)

FIJI'S VPD2 (15.16),now heard 12-12:30am EWT,since Jan.25 (*Balbi-W)

F.INDO-CHINA "Radio Saigon" is now operating on 10.23; same schedule; English news at 6:15,7:30, 11:45am EWT, the latter is for Australia. Interval signal is 3-note chimes (**Balbi,Baxter,King-W, Borchardt,Lyerly,CAM-C, Ferguson,Hart,Allen,-E, Simpson-Aust.)

INDIA English news is now heard over the Delhi station at 8:30am, over VUD3 (9.59),VUD4 (11.83); at 11:50am EWT, over VUD3 (9.59),VUD2 (6.13). VUD2 (6.13), operates daily 9:15am-12 noon EWT (**Baxter-W,CAM,Lyerly-C, Allen,Hankins-E)

IRAN "1940 reception of EPJ (18.56) verified by registered letter. "The transmitters, operated by Wireless Dept.,Ministry of Posts,Telegraph, Telephone & Radio, Teheran, now operate on EPB (15.10), 4:30-6am (Fri 3-6am); on EQC (9.68), 11am-1pm (Th.9:30am-1,Fri 10am-1pm); on EQB (6.155), 1-4pm; English news at 3pm EWT. (**Legge-E)...A direct radiotelegraph circuit between N.Y. & Teheran,was opened by RCA Com. on Feb.10.RCAC operates circuits also with Beyrouth, Istanbul & Cairo, in the Near East (RCA)

JAPAN Tokyo's Overseas transmissions are now approximately as follows:(EWT) 5-7:30am (English news at 5am) on JZJ (11.8);JZI (9.535),J-- (9.565),JVW(7.257) ...8-11am (News at 8,10:45am) on JZJ,JZI, 9.565, JVW...11:30am-2:30pm (News at 11:30am,2:30pm) on JLG2 (9.505),JZJ...2:55-6:30pm (News at 3, 5pm) on JVW, JLT (6.19)...6:55-10:30pm to E.NA (English news at 7,9:10pm) on JLG4 (15.105),JZJ.. 11:25pm-4am to W.NA,Hawaii (News at 11:30pm, 1:30,2:30am) on JZJ, JZI (**Field, Baxter,Balbi,Fisher,Picard-W, Roberts,Schenk,Beyer,CAM,Heflih-C, Hart,Ferguson, Allen-E, Simpson-Austr.)...New Tokyo station heard on 10 mc.,at 1:30am (Field)

JAVA PLS (10.365) & PLP (11.00),heard weakly mornings,peaking at about 8:45 -9am EWT; PLS best (**M.Allen-E)...PMA (19.345) or PLE (18.82),are usually used for evening network pickups from Java (Skyten-E,Balbi-W)

JOHNSTON ISL. KE6SRA will reply to anyone who missed out on card from him.Present QRA is: Roger Parnell,U.S.S.Semmes,C/o Postmaster,New York City (Lyerly-C)

MALAYA The Singapore station on 11.93 was ZHN3,Singapore. All Singapore stations are off the air since occupation of Singapore by Japanese.

MANCHUKUO An Asiatic on 6.125,believed to be MTCY,heard 6:30-7pm EWT; Setting-up exercises 6:35-6:45pm EWT (**Legge-E)

SYRIA A letter from Lieut.Badin,Transmission Officer, Delegation Generale de la France Libre au Levant,Beyrouth, advises "Radio Levant" (8.036),now operates 1-4:30,5-7:30,9am-4pm EWT. Reports should be sent to Lieut.Badin(**Simpson-Aus)

THAILAND HSP5 (11.715 & 6.06), Bangkok, are now operating 7-11am EWT; English period 8:30-9am, News at 8:30am. Woman announces in English every half-hour as "The Broadcasting Corporation Thailand, Overseas Service"; interval signal is 4 chime notes (**Balbi,Baxter-W,Thomas,Hart-E,CAM-C,Simpson-Austr.)

TURKEY TAQ (15.195), broadcasts 6:30-8am EWT (Keast-Austr.)...TAP (9.465), still has press & network relays near 7pm EWT. irreg. (Ferguson,Hart-E)

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