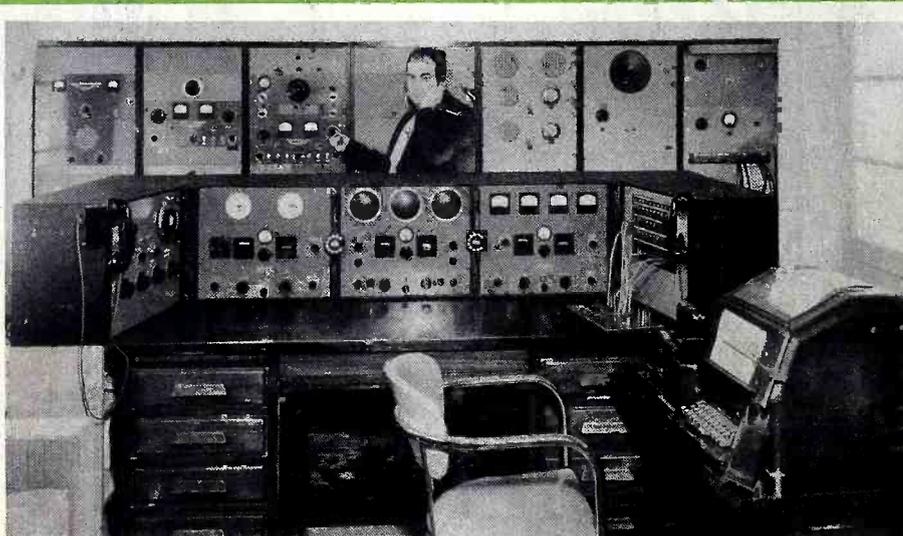


THE GLOBE CIRCLER

COMPLETE GUIDE-BOOK FOR SHORT-WAVE LISTENERS



UNITED PRESS - SAN FRANCISCO - RECEIVING STATION, OWNED AND OPERATED BY D. REGINALD TIBBETTS, IDA MEMBER AND EX-W6ITH

WHEN TO HEAR WAR NEWS IN ENGLISH
Daily E. W. T.

7:30 a.m.	Melbourne	VLG2	9.54	6:45 p.m.	London	GRG	11.68
8:00 a.m.	Tokyo	JZJ	11.80	6:50 p.m.	Moscow		15.11
8:30 a.m.	Chungking	XGOY	9.635	7:00 p.m.	Tokyo	JZK	15.16
9:00 a.m.	London	GRE	15.39	7:00 p.m.	Berlin	DJD	11.77
9:30 a.m.	Berlin	DJB	15.20	7:05 p.m.	Madrid	EAQ	9.860
10:30 a.m.	Tokyo	JZK	15.16	8:25 p.m.	Lahti	OFE	11.78
11:00 a.m.	Stockholm	SBT	15.15	8:30 p.m.	Rome	2RO4	11.81
11:30 a.m.	Berlin	DJB	15.20	9:00 p.m.	London	GRG	11.68
12:00 noon	London	GRE	15.39	9:00 p.m.	Bern	HER4	9.538
1:30 p.m.	Rome	2RO8	17.82	10:45 p.m.	London	GSC	9.58
5:45 p.m.	London	GRG	11.68	12:00 mid.	Berlin	DXC2	11.74
5:50 p.m.	Rome	2RO6	15.30	12:30 a.m.	London	GSC	9.580

INTERNATIONAL DX'ERS ALLIANCE

SUBSCRIPTION PRICE \$1.50 PER YEAR ANYWHERE



THE GLOBE CIRCLER

PUBLISHED MONTHLY

CHARLES A. MORRISON
EDITORINTERNATIONAL DX'ERS ALLIANCE
NORMAL, ILL. U. S. A.

AUGUST, 1942

NUMBER 106

EDITORIAL

The next Globe Circler will be mailed on Sept. 15.

The IDA is on a wartime basis...DX'ing as a hobby is out; listening for defense is in, for the duration...Monitoring of shortwave channels in search of vital shortwave information to supply those essential agencies that need this data is vital. We exist for this purpose. If we do not receive this information, and receive it consistently, our excuse for wartime existence is cancelled. To furnish a worthwhile information service means we must receive not one dozen but many dozens of reports each week. We can't expect to receive these reports unless YOU send them. You can't send them unless you spend a few minutes each day at the dials. We urge YOU to accept this as a definite responsibility in order that the reputation we have built up may be maintained. . . The other important thing is revenue. No matter how active we are we still can't exist unless we have funds. We ask YOU to do your part by paying your renewal promptly; by telling your friends about our publication; by making a small contribution when, and if, possible.

INTERNATIONAL DX'ERS ALLIANCE NOTES**NEW MEMBERS**

Ted Bamberger, Shaker Heights, Ohio...Homer E. Sink, Buffalo, N.Y....Roy Hallett, Sydney, AUSTRALIA...R. Bradon Mitchell, Department of Information, Melbourne, AUSTRALIA...Eric W. Watson, R.N.Z.A.F., London, ENGLAND..... J. Casson, Barrow-in-Furness, ENGLAND...Bill Davidson, Montgomery, Alabama.....Ralph Bartholomew, Detroit, Michigan...Thos. A. Crede, Latrobe, Penna...Neale C. Bringhurst, Waban, Mass....J. B. Keefer Jr., Alpine, Texas...Gerald Stoneman, Chilliwack, BC, CANADA. . .Norval E. Pagenhardt, Longview, N.C...New Defense Agency receiving G.C.: Henry Rible, Communication Officer, Secty., Stanford Civilian Defense, Stanford University

RENEWALS

Judson Lattin...Norman Kriebel...F. B. Schwentker...Ralph Bartholomew... Mrs. Glenn H. Bell...Rudolph Kure...Roger Legge...John Zaladonis..(Contributions) --John Zaladonis...Roger Legge...Norman Kriebel.

NEW REGIONAL MONITORS

Norval E. Pagenhardt, Longview, N.C..... Kenneth R. Boord, Smithfield, West Va..... Bud Kopp, Rockford, Illinois.

BOAT CRUISE FOR IDA MEMBERS

Replacing the usual convention, on Sat., Aug. 29, all members and friends are invited to meet at the boat docks, Navy Pier, Chicago, at 9:30pm, for a moonlight cruise on the palatial SS City of Grand Rapids. Dancing, games, refreshments and a room for a short business session will be available. For further information, write to Chas. Trezise, 6440 Winchester Ave. Chicago. Renew old acquaintances on August 29.



J. Jenkins, Glen Ellyn, Ill,
now at a US Naval Air Base

WOULD YOU HELP A MONITOR TO HELP US

Regional Monitor, K.R. Boord, Box 343, Smithfield, W. Va., an accomplished dx'er with real journalistic ability but a shut-in due to an illness which has prevented his working for 3 years, has had the misfortune to have his receiver go bad--beyond repair. He wonders if some generous member who is leaving for military service or who is now in camp, would loan him a communications receiver until they return. He promises its return in the same condition in which he receives it. Your set will not be gathering cobwebs in some dark corner but will be in active use as essential equipment in our IDA Monitoring Net.

PHOTOGRAPHS WANTED

We can use from one to three glossy snap-shots of listening posts; your aerial lay-out; you in your uniform, or other radio subjects in each G.C.

PERSONAL NOTES

Margot Andrade of DePauw University, has been in Mexico since June 5, going to the Univ. of Mexico. She will be at Casa Andalucia, 198 Calle San Luis Potosi, Mexico City, until August 15..... Jas. Shaw is now an operator in the British Royal Navy. His home address is 41 Innerbridge St., Guardbridge, Fife, Scotland..Our former Australian General Representative, Godfrey Wignall, home in Perth after two years of overseas duty with the A.I.F., was married on May 9. He will rejoin his unit soon...E.W. Watson, former H. Q. Sec. of the New Zealand DX Radio Assoc., now with the R.N.Z.A.F. in England, states he has yet to see any clubs of the standard of IDA or the NZDXRA; sent in his subscription to IDA...Harold Baxter of Berkeley, Calif., has returned home from a two weeks vacation in Detroit. Made the trip by air..... Art Hankins of Latrobe, Penna., is acting as spotter in the local air raid watcher Service...Ev Payette of Monroe, Mich. has a new AR-175 receiver...T.E. Lowe of 117 West 25th St., Joplin, Missouri, would like to trade a brand new electric razor in case (never used) for a pair of crystal headphones (about 5000 ohms) with jack...Chas. Trezise, Gail Beyer, and Steve Matula, all of Chicago and in 1-A, are awaiting the call to service... Pvt. Loyal W. Bettelon, is now stationed at Keesler Field, Miss...Mike Fern, Lihue, Hawaii, recently had his gas mask tested for fit in a portable gas chamber... Eric Butcher of Puerto Rico, in the Merchant Marine, dropped us post cards from Panama and Ecuador...Jim Wedewer of Dyersville, Iowa, has traded his Sky Chief receiver for a S20-R receiver; has verified 42 countries; heard 75 countries since Oct. 1940...Aug. Balbi of Los Angeles, says it is growing ever more difficult to hold IDA chapter meeting on account of traffic restrictions, and possible black-outs."

John Picard of Butte, Montana, has been studying for an amateur license..... Ferrill Moreland, Bement, Illinois, recently married, has just moved into his remodeled house...Francis Hartle of Oil City, Penna., is the owner of a new Echo-phone EC-3 receiver; Warren H. Stark of Wauwatosa, Wisc., has a new HQ-120-X.... K.R. Boord, Smithfield, W.Va., has edited a bulletin entitled "Around the Clock with the Short-Wave News in English" (especially for service men)...Ex. Assoc. Editor of the Globe Circler, Ray Simpson of Concord West, NSW, Australia, is now Pilot Officer of the R.A.A.F. "somewhere" in Australia...Tom Becker, Fenton Mich., has purchased a DB-20 pre-selector from former champion dx'er John May of Durham, N.C...Our sympathy to Billy W. Lyerly of Ft. Worth, Texas, whose mother has been seriously ill...L.J. Keast, S.W. Editor of Australasian Radio World, has moved to a much better reception site at 23 Honiton Av. W., Carlingford, N.S.W., ...Prof. H. H. Arnold of Pennsylvania State College, State College, Penn., finds the Globe Circler quite helpful in keeping him informed on Latin stations and schedules in connection with teaching Spanish and Portuguese...R. T. Coales, home address 54, Chelsea Road, Southsea, Hants, England, with the British forces "somewhere in Yorkshire", married Molly Frew, a Scottish girl on June 2; sees quite a few American radio and technical officers. Will be glad to meet any American or overseas IDA member who arrives in Gt. Britain. He can be contacted through his home address...Art Holden, home address, 15, Kedleston Drive, Orpington, Kent, England, writes that his friend Ron Baker, former IDA General Representative for Gt. Britain, still a prisoner of war in Germany, would like very much to hear from his friends in the U.S. Letters or cards can be sent to Art Holden who will send them on by the proper channels.

(Notes continued from Page 8)

TAIWAN JIE3 (9.69), off the air for a while, has resumed broadcasting and may be heard daily 8:30-10am, with English news at 8:30am (Balbi-W, Lyerly-C*)
 THAILAND HSP5 (11.715) has English news at 4am; English commentary at 7:30 am; for identification one gong at 9am; tone signal at 10am (Balbi, Krumlinde-W)
 TURKEY TAP (9.465), Ankara, is not being heard at present. It is believed the station may be off the air pending the arrival of replacement tubes for the transmitter as some time ago the announcer was heard to state that tubes had been ordered from the U.S. (*Ferguson, N.C.)

(Shortwave list continued from Page 16)

60.48	4.96	VUD2	Delhi, India	7:30am-1:30pm.	*
60.67	4.945	HJCW	Bogota, Colombia	7:30-9am, 8:30pm-12 mid.	
60.85	4.93	HJAP	Cartagena, Colombia	10am-2:30, 6-11:15pm ex. Sun.	
61.29	4.895	HJCH	Bogota, Colombia	12:30-3, 7pm-12 mid.	
61.42	4.885	HJDP	Medellin, Colombia	9am-2, 7pm-12 mid.	
61.54	4.875	HJFH	Armenia, Colombia	9am-12 noon, 7-11:30pm.	
61.67	4.865	PRC5	Belem, Para, Brazil	6-9:05pm (Balance of 61 Meter Band)	
61.67	4.865	HJEX	Cali, Colombia	7-11:45pm (listed in the JULY G.C.)	

SHORT WAVE NOTES

EDITOR-IN-CHIEF--CHARLES A. MORRISON

ASSOCIATE EDITORS: J. Wilson, August Balbi, Roger Legge, Mrs. A.B. Allen,
W.W. Lyster, James Hart, Murray Sloplop.

PRESS DEADLINES: for SEPT.-OCT. GLOBE CIRCLER, Aug. 31;
SEPT.-OCT. GLOBE CIRCLER will be mailed on or about Sept. 15th.

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 page only....Double space all lines...Group items by continents...Be sure to state time used. We are most interested in items pertaining to: NEW stations; changes in frequency or schedule; times for news in English, or other languages; times of peak reception for weaker stations, or those of timely war interest; identifying signals; any detailed authentic information concerning station schedules, addresses, power etc. It is imperative that any important items reach me by fastest mail....**FOUR STAR (****)** items denote exceptional merit...Each **FIVE STAR (*****)** **ITEM** pays its contributor \$2.00 in war stamps...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.

NBC WAR CORRESPONDENTS

Martin Agronsky--Melbourne	Harrison Forman--Chungking
Sidney Albright--Sydney	Gordon Gaskill--Brazzaville
David M. Anderson--Stockholm	Charles Lanius--Bern
Paul Archinard--Vichy	Reece Hatchitt--Santiago
Everett A. Bauman--Buenos Aires	John MacVane--London
Bjorn Bjornson--Reykjavik	Robert Magidoff--Moscow
Peter Brennan--Panama City	Grant Parr--Cairo
Mary Brock--Teheran	Stanley Ross--Caracas
Jean Anne Crawford--Bogota	Robert St. John--London
H. Davis--Brazzaville, Middle Congo	M. K. Slosberg--Wellington, N.Z.
Harwood Hull, San Juan, P.R.	Jim Wahl--Honolulu

STOP PRESS SHEET

Due to pressure of wartime duties and extra expense involved, it is necessary to discontinue the STOP PRESS Sheet for the duration; however in the event several items of importance come to hand any month the STOP PRESS Sheet will be issued.

SHORTWAVE NOTES

NORTH AND CENTRAL AMERICA

CANADA CHX and CZ4F (9.20) heard intermittently up to about 3pm. Belong to a construction company (Kopp-C)...The power of CBFW is 200 not 7500 watts as it was given in last G.C. (Wedewer, Stoneman)...CBFY, Montreal, assigned to 11.705, is still heard on 11.745 irreg. (Balbi-W)...CBFX (6.16), has English news at 11 am (Picard-W). CBRX, CKFX (6.08) and CFVP (6.03) all have news at 1am (Fern-TH) ..CFRX (6.07) has news at 4pm; CFVP (6.03) has news at 1am and 1:45pm.

C.R. TIPG (9.62) now heard 7am-12:30am (Krumlinde-W)...TI4NRH (9.74), now heard 11:30pm-12:30am (Kopp-C, Ferguson-E)

CUBA COCH (9.435) signs-off at 12 mid. everyday (Kopp-C)...COCQ operates on 9.515 from 6 to 9am or later (Hankins-C, Van Auken-C)...COCY (11.74) announces now in English ...Present frequency for COK is 11.63 (Gozen-E)

D.R. HI2G (9.300), actually on 9.30 and their QSL also states that fact (RG)

GUATEMALA TCWA (9.685) is now operating from 8:45pm to 12:45am (Wilson-E, Balbi)

MARTINIQUE Radio Martinique (9.705) broadcasts news in French at 7,30pm (JW-C)

MEXICO XDAL (10.59), Mexico, heard calling Havana at 10:15pm (Lyster-C)...XEJG (4.82) verifies on a picture postcard (Legge-E)...XEQQ (9.68), Mexico D.F., now broadcasts 9:35am-2:45am (Juett-C, Wedewer-C)...A report sent to XEYU (9.61), was returned, stamped "unclaimed" (Stark-C)...

PANAMA HP5G (11.78), "La Voz de Democracias," Panama City, heard at 9:35am and 9:45pm; English announcements frequently (Krumlinde-W, Wedewer, Juett-C).....HP5A (11.70), broadcasts news in English 10:40-11:10pm (Krumlinde-W)

U.S.A. **FM NOTES** -----WLXSN (42.6), East Springfield, Mass., heard excellently afternoons & evenings in Dyersville, Iowa (Wedewer)...W2XMN (42.8), Alpine, N.J., heard recently to 11pm with loudest signal on radio, including locals, at Dyersville, Iowa (Wedewer)...W41MM (44.1), Mt. Mitchell, N.C., now on the air, is testing daily 3-3:30, 5:30-6:30, 8:30-9pm; heard with excellent signals (Pagenhardt &

Ferguson, N.C.). . . UHF--- W5XAU (26.125), Oklahoma City, 100 watts, is being heard with excellent signals throughout the central states (Wedewer-Iowa, Kopp Ill, Madison, Ind.). . . U.S. Naval Station NSS at Washington at 5, 11am, 5, 11pm on 4.39, 9.425 & 12.630. Signals begin 5 minutes before the hour (Victory News).... Several commercial stations are now broadcasting program material. They are as follows: WCB (15.58), 1-4:45pm; WCW (15.85), 9am-7pm; WDI (5.052), 4-6am; WDJ (7.565), 12 mid.-4am; WDO (14.47), 8am-7pm; WJQ (10.01), 6-10:15am; WPJ (11.64), 1-3:30pm. All of the foregoing are commercial transmitters at Hicksville, N.Y.; they operate under the common identification of "The Voice of America" (** Hart, Wilson, Boord, Hankins, Kernan, Ferguson, Payette-E, Juett, Kopp, Wedewer, Roberts, CAM C, Richardson, Balbi, Krumlinde, Picard-W). . . KGEI operates: on 15.33, 7pm-12 mid. and on 7.25, 12:15am-12 noon. KGEI's programs also carried by Bolinas, Calif., com station KRCA (9.48 & 10.40), 12:15am-12 noon (Wilson, Legge, Hankins-E, Juett-C, Balbi, Krumlinde-W)...KWID (15.29) operates: 6-9pm to SA; 10:30pm-2:45am to Far East (Boord, Wilson, Pagenhardt, Ferguson, Goodell, Hoffman-E, Beyer, Bristow-C, Field, Balbi, Krumlinde, Field-W)...WCBX (15.27) operates 6am-3:45pm to Europe; 3:47-11pm to S.A. (Wilson-E); WCDA operates: on 9.59 (new freq.), 6-8, 9:15-9:45am to SA; 3:15-4:45pm to Europe; on 17.83, 4:55-11pm to S.A. (Wilson, Hankins, Ferguson, Boord-E, Kopp, Juett, Wedewer-C, Krumlinde-W); WCRC (11.83) operates 6am-3:30pm to Europe; 3:47-11pm to S.A. (Boord, Wilson-E)...WGEO (9.53) now broadcasts to Australia, daily 6-8am; badly heterodynes VLG2 (9.54) (Wilson, Boord, WGEO-E, Lyerly-C, Krumlinde-W)...WLWO operates: on 15.25, 10am-1 to Europe, 6:30-7:45pm to S.A.; on 11.71, 1:45-5:45 to Europe; 8pm-12 mid. to S.A.; on 6.08, 12:45-2:30am (WLWO, Wilson, Hankins, Boord-E, Roberts, Juett-C, Balbi, Krumlinde-W, Fern-TH)...WNBI operates: on 17.78, 9am-4:45, 4:55-7:45pm; on 11.89, 8pm-1:10am...WRCA operates: --- 9am-3:15pm on 15.15; 3:30-4:45 on 9.67; 4:55-5:30pm on 15.15; 5:45pm-1:10am, 1:10-4:45am on 9.67 (E, Picard, Krumlinde-W)... See list for revised sked for WRUW-WRUL

SOUTH AMERICA

ARGENTINA- NEW: LRS (9.32), relays LR4 "Radio Splendid, "Buenos Aires, 7-10pm; also heard at 8am and 2-2:30pm irreg (**Gozen-E, Juett-C, Fern-TH)...LRX (9.66), Buenos Aires, now comes on air at 6:30am, with English identification (Ferguson, Hankins-E, Juett-C, Krumlinde-W)

BOLIVIA CP38 (9.48), Casilla 596, La Paz, relays CP2-CP3 7:30pm-12 midnight; verifies with card showing mountain view of city with calls in large red letters (Juett, Wedewer-C)

BRAZIL PRE9 (15.165), Caixa Postal 143, Fortaleza, Ceara, heard 10am-1pm; has chimes signal every few minutes; Portuguese news at 11:30am; signs-off with "God Bless America" (*Voisich-E, Juett, Wedewer-C)...PSH (10.22), broadcasts in Spanish 8-8:30pm on Friday (Kopp-C)

CHILE CB1190 (11.96), Santiago, is on the air again and being heard from about 6:15pm on (Hart-E)

DUTCH GUIANA PZX5 seems to be having crystal trouble as they jump from 15.40 to 14.52 from time to time. PZC the commercial station uses a different transmitter from PZX5 and is always heard on 15.40 (*Allen, Ferguson-E, Juett-C, Roberts-C)

ECUADOR HCJB broadcasts on 12.455 and a new frequency of 9.96 mcs. The new frequency uses a 1000 watt transmitter which formerly operated on 4.1 mcs. HCJB broadcasts the following features daily except Sun/Mon: 9:00 a.m.-"Morning in the Mountains"; 7:00 p.m.-"Ecuadorian Echoes"; 10:00 p.m.-"Friendship Hour"; on Tuesdays at 9:00 p.m. "Service Stripes," a program for soldiers of the United Nations, is broadcast. On Sundays, News in English is broadcast at 9am and 7pm; the Fellowship Hour at 11am; Evening Vespers at 7:15pm; the Revival Hour at 10:30pm; Back Home Hour at 11:30pm (Hankins, Allen, Fisher, Boord, Ferguson, Goodell, Hart-E, Juett, Kopp-C, Krumlinde, Balbi-W)...HC2AK (9.31), operates nightly from 7pm to 11:10pm (to 1:20 a.m. on Thurs and Sat.) (Kopp-C)

PARAGUAY According to a letter from the station the new mailing address for ZPA2 (11.72) is Telco Paraguaya S.A., Calle 14 de Mayo 211/215, Asuncion. New QSL cards are being prepared and will be sent to those having sent in reports as soon as they are ready (*Stark, Wedewer-C)...ZPA6 (15.165), heard as early as 5pm, is located at Encarnacion in southern Paraguay, not Asuncion. ZPA6 has also been heard testing on various other frequencies, including 9.93 and 9.80 mcs. Announces as "Radio Pan America," and requests reports (*Legge, Ferguson-E, Juett, Wedewer-C)

PERU OAX1A (6.29), "Radio Delcar," Saenz Pena No. 109, Casilla 9, Chiclayo power 300 watts, verified with a light green card with red and black print (*Wedewer-C)...OAX4J (9.34), broadcasts a complete opera every Sunday at 11:15 pm EWI (Moser-C)...OAX4T (9.562), Lima, broadcasts mornings 9-10am, qrms the Tokyo station on 9.565 (Van Auken, Wedewer-C)...

URUGUAY CX48 (9.64) heard 1:30 to 2:30pm (Fern-TH)

VENEZUELA It is practically impossible to get reception from YV1RV (4.74), anytime due to heavy c.w. on the channel (Field-W)...YV4RO (4.75), "La Voz de Carabobo," Valencia, lkw, operates 11:30am-2:30, 5:30-10:30pm; verifies with red and white card. Owned by H.G. Degwitz (Wedewer-C)...YV5RN (6.20), signs-off each night at 11:30pm (Kopp-C)

AFRICA

ALGERIA TPZ (12.12) now broadcasts 2-7pm; French news at 4:30pm (Ferguson-E, Fern-TH)

ANGOLA CR6AA (7.177), broadcasts Wed/Sat 3-5pm (Cushen-N.Z.**)...CR6RC (9.47) Radio Clube de Angola, Luanda, 250 watts, verified in 6 months with a card with a red call. Schedule is 7:30-8:45am and 3:30-5pm, in addition Sun. 11:30am-1pm (Legge-E**)

BELGIAN CONGO The afternoon all-French program of "Radio Congo Belge," is now broadcast daily 2:30-4:30pm on 17.77, 15.175 and 11.72 mcs. The NBC French hour is rebroadcast from 3:45 to 4:30pm. The 17.77 frequency is believed to be a powerful new transmitter. The program on 11.73 is still heard 2:55-3:45pm in parallel with OPM (10.14)**Becker, Payette, Wilson, Ferguson, Allen-E, Balbi-W

EGYPT SUV (10.055) can not be heard on any regular program schedules but it can be heard with pickups for American networks almost daily between 6:45 and 7:15-7:30 and 9:15 and 9:30pm (Ferguson, Hart, Allen-E, Wedewer-C). SUV verified in 8 months with a letter from F.G. Stewart, General Sec'y. of Egyptian State Broadcasting Company. Power is 10 kw (Wedewer-C)

FR. MOROCCO CNR (8.035) is now broadcasting till 6pm EWT and signs-off with the "Marseillaise" at this time (Becker-E)

KENYA VQ7LO (10.73), broadcasts daily 11:30am-12:50pm; Mondays only 1:15-150 pm. Main features follow: 11:30am-news in Italian; 12:00 noon, news in French by a woman announcer; 12:25pm, news in English; 12:40 p.m.--News in Hindustani ... (**Fern-Hawaii)

MIDDLE CONGO According to the magazine "Time," a new 50 kw shortwave transmitter being built by COI, will open in 1942 (Balbi-W)

SO. AFRICA ZRH (6.007), Johannesburg, opens at 12:45am with chimes & V signals on the hour. Setting up exercises follow. ZNB (5.89), Mafeking, Bechuanaland, broadcasts in parallel with ZRH (-Krumlinde, Field-W)

EUROPE

UNIDENTIFIED A station believed to be the Yugoslav on about 11.785 was heard going off the air at 7:10pm (Gozen-E)...The station on approx. 15.242, is still heard 6-7:30am & irreg. 10:15-10:30am. News in English 6-6:30am. Interval signal is one gong stroke. (Gozen, Hankins-E)

ANDORRA In a veri' from Radio Andorra, La-Vieja, Andorra, censored in transit at Barcelona, received by Wm. Palmer, Parma, Ohio, it is stated the station operates as follows: 8-11am on 722 kcs & 6.2 megs; 2pm-2am on 722 kcs & 6.2 megs; 7pm-2am on 832 kcs & 7.128 megs. May be using 12.4 now instead of 6.2 (**WP-E)

BOHEMIA DHE4A (11.84) heard coming on air for second part of Service to N.A. at 6:55pm. Fish horn heard preceding broadcast. First announcement in Czech at 7pm (Becker-E*)

ENGLAND GRJ (7.32), broadcasts 11pm-12:30am to S.A., in the North American Service (Balbi-W, Juett-C)...There are now two different services to the African zone. An alternate service especially for the forces in north Africa & the Middle East is now broadcast 11:30am-3pm over GSF (15.14) (BBC)...GSI (15.26) now operates 6:45-11:15am, 11:30am-5pm (Wilson)...See list for other changes.

FINLAND In answer to report sent to Finnish Legation, Washington, they replied saying my report had been cabled to Helsinki, but due to uncertain mail conditions it would be a while before I received a QSL card (Moser-Illinois)

FRANCE DXL6 (15.13) is heard 7-9:45am to NA with DJB; also 10:30am-2:30pm; and irreg. in S.A. Service to 9:00pm (*Wilson-E, Juett-C)...Radio Vichy heard on a new announced frequency of 17.765 with short English period daily 7:45 to 7:50am (Allen-E); Radio Vichy (11.845) broadcasts English talks 4-4:30pm. Is irreg. (Ferguson, Boord-E, Wedewer-C);...DXL24 (9.62) and DXL7 (11.885), broadcast foreign language programs 12:10-3am in parallel with DXB (9.61). DXL24 also broadcasts 12:15-4:15pm with DXB (Wilson-E).

GERMANY Berlin broadcasts to N.A. as follows: 7-9:45am over DJB (15.20) and DXL6 (15.13). (DJL) (15.11) broadcasts 7:30-9:45am carrying the N.A. program at 7:45-8:30 and 8:45-9:30am but with different English news at 7:30 & 8:30am. DXT (15.23) has same news as DJL at 7:30 & 8:30am, carries the N.A. program 7:45-8:30am and signs-off at 8:45am; 5:50pm-12 mid. over DJB (15.20), DXL7 (11.885), DJD (11.77), DZD (10.543), DXL24 (9.62), and 5:50pm-1:30am over DXC2 (11.74) & DXJ (7.24). DZH (14.46) and DJP (11.855) carry the N.A. Service 5:50pm-12 mid. but beamed on Latin America (Wilson, Boord, Hankins, Hart, Gozen, Becker-E, Balbi,

Picard, Krumlinde, Fern-W)... Berlin has a Japanese program at 4:30am; English news at 5:30am over DJH (17.945), DJR (15.34), DJP (11.955) (Fern-TH)... DJQ (15.28) and PCJ (15.22) are heard continuously 3:30-5:45pm (Gozen-E)... DJZ (11.8) and DXR (11.76) Warsaw, broadcast English news at 4:15pm (Wedewer-C) ... DZB (10.042) is also heard 6-6:35pm (Becker-E)... DZD (10.543) broadcasts the news in Spanish at 9pm instead of the English news broadcast at that time by the other stations in the N.A. Service (Picard-W)... DEBUNK has moved to 10.35 where it broadcasts nightly as usual 8:30-9pm, in English (Legge, Ferguson, Bringhurst, Allen-E, Juett-C)... "Gustav Siegfried Eint" is heard hourly at 8 minutes before the hour, signing off on the hour, on any one of the following frequencies: 9.605, 9.635, 9.545 or 9.48 mcs. The talk given each hour is the same--a recording, changed each day. The talks are anti-Nazi, anti-British, pro-German army (Legge, Allen, Hart-E, Lyerly, Juett, Beyer-C)... Robt. H. Best (Guess Who?), broadcasts from Berlin Tues/Thurs at 9:15pm. He was born in 1896, near Sumter, N.C. In 1914 he entered Wofford College at Spartanburg, N.C. Three years later he graduated with both A.B. and M.A. degrees. He went to Columbia School of Journalism; served as an instructing officer in World War I; in 1921 he went to Vienna on a Columbia scholarship where he served as a correspondent for United Press for the next 17 years. During latter years he became more and more Nazi-fied and when American correspondents interned in Germany were recently allowed to come home on an exchange basis he preferred to stay in Hitler Germany and become a slave of the Goebbel's propaganda machine.

ITALY Rome now broadcasts to N.A.: 8:50-9am over 2R08 (17.82); 1:30-2:50pm over 2R08 (17.82); 8:30pm-12 mid. over 2R03 (9.63), 2R04 (11.81), 2R0-- (11.95); 12:30-1:30am over 2R03, 2R04, 2R06 (15.30) (Wilson, Becker-E, Picard-W)... English news bulletins are broadcast at: 8:50am over 2R08; 1:30pm over 2R08; 2:50pm over 2R08, 2R04; 3:30pm over 2R06, 2R04, 2R03; 5pm over 2R06, 2R04, 2R03, 2R0-- (11.95) 2R022 (10.33), 2R011 (7.22), 2R0-- (6.30); 5:50pm over same stations as 5pm; 8:30pm over 2R03, 2R04, 2R0-- (11.95); 10:30pm over 2R03, 2R04, 2R0-- (11.95); lam over 2R03, 2R04, 2R06 (Wilson, Allen, Boord, Ferguson-E)... Rome broadcasts to S.A.: 6:30-9:30pm over 2R018 (9.78), 2R022 (10.33); 6:50-9:30pm over 2R06 (15.3) 2R018 and 2R022 also broadcast 9:45-10:20pm (Wilson-E, Wedewer-C)... IRF (9.915) also heard, 8:30-9:30pm (Lyerly-C)... 2R07 (17.77) now comes on the air at 8am (Gozen-E)... 2R011 (15.06; but varies at times from 15.07 to 15.04), operates approximately 7:30-9:50am, 12 noon-3pm, 12:30-lam (Wilson, Ferguson, Gozen-E, Lyerly, Juett-C) ... The call for Rome on 10.33 is 2R022 (Fern-TH)

NETHERLANDS A secret anti-Nazi station operating in German occupied Holland was first heard on June 24 at 4:10pm, on the standard band frequency of the Hilversum station. Announcing as the "Netherlands freedom radio," it stated they would be on the air daily 12:30-12:45pm on 49 meters. If any of our members are hearing this station, let us know at once--Ed.

NORWAY The Oslo program for N.A. now seems to be radiated at 9:55-10:55pm. Only announcement in English is at opening of broadcast (Ferguson-E, Wedewer-C).

SPAIN Madrid (9.86) broadcasts to NA 7-8 pm (Ferguson-E)... A new Malaga station was heard on 14.56 (Burton-England)

SWEDEN LIH's (9.64) program to N.A. is now broadcast 9-10pm over SBT (15.155) and SBP (11.705). SBT also used for evening pickups by U.S. networks (Allen, Wilson-E)... A letter from Aktiebolaget Radiotjanst in Stockholm, received through the Swedish Legation in Washington by Art Hankins of Latrobe, Penna. state they have no veri cards but enclosed a small folder with photos; requested further reception reports and suggestions for program features (Hankins-E)

SWITZERLAND HER4 (9.538) & HER5 (11.865), broadcast the Swiss Spotlight in English, Mondays at 10:15-10:30pm; close-down other nights varies from 10:05 to 10:20pm (Lyerly-C*)

U.S.S.R. The latest revised schedule of English broadcasts is about as follows: 7:45-8:20am on 15.78-15.23-15.18-9.545; 9:15-9:30am on 15.23-15.18-9.545; 10:45-11am on 15.78; 5:15-5:40pm on 15.23-15.11; 6:48-7:30pm on 15.23-15.18-15.11-11.83; 9:15-9:40pm on 15.23-15.11; 11:15-11:40pm on 15.23-15.11 (Hart, Payette, Davidson, Hartle, Ferguson, Becker, Hankins, Gozen, Wilson, Allen-E, Lyerly, Juett, Van Auken-C, Fern TH, Balbi, Field, Krumlinde, Picard-W)... The 9.566 frequency opens at 5am; signs at 9:30am; RV15 (5.94) also opens at 5am and signs at 9:30am, carrying the same program (Van Auken-C, Krumlinde)... Miss Rowena Meyer is the announcer at Khabarovsk... Moscow on 12.18 is heard 1:30-6pm; English news 4:30 and 5:45pm (Becker-E, Fern TH)... 12.235 is heard approx 12 mid. to 2:15am or later (Van Auken-C)

VATICAN CITY HVJ now broadcasts to N.A. in English, Sun/Thurs 9:30-9:50pm, on 11.74 (Boord-E, Picard-W)... HVJ (11.74) broadcasts 2-4am as follows: 2-2:30am, messages to Italian prisoners in Australia; 2:30-3am, messages in English, from

British prisoners of war in Italy to their relatives at home; 3:30-4am, an English transmission for Australia (*Davidson,Hankins,Boord-E)

ASIA AND OCEANIA

UNIDENTIFIED Asiatics heard on 6.100 and 6.22. The one on 6.10 signs off at 9:15am. Clock strikes 10 times at 9am (Balbi-W)

ARABIA ZNR (12.115), Aden, is back again. Broadcasts 12:25 to 1:45pm, as follows: 12:30--English; 1- Italian; 1:30pm- Somali (**Fern-TH)

AUSTRALIA The Melbourne transmission to E.NA, is now radiated from 7:25 to 8:30am over VLG2 (9.54); Star Spangled Banner & God Save King both used at sign off (*Pagenhardt,Ferguson,Wilson,Boord-E, Lyerly-C, Balbi-W). This transmission is badly qrm'ed by WGEO (9.53) to its sign-off at 8am (CAM-C)...VLW6 (9.68), and VLR (9.58) broadcast a detailed English news-cast at 8am (Boord,Wilson-E, Juett-C)...Melbourne has been testing to E.NA, irreg. 6:30-8pm over VLG9(11.90)(Balbi-W)...VLG7 (15.16) broadcasts the English news at 11:30pm (Krumlinde-W,Wedewer-C)...VLR3 (11.88),rebroadcasts BBC news from London at 2:15am (Krumlinde)..... Melbourne broadcasts in French at 1:55-2:40am and 5:30-6:30am over VLG3(11.71), replacing VLG6 (Hankins-E,Balbi-W,Fern-TH)

CHINA XGAP (10.24),Peiping,now broadcasts 5:45-12:15 or 12:30pm (Becker, Krumlinde,Stoneman,Field-W)...XGOA (9.72) heard broadcasting in Chinese at 1245 pm (Fern-TH)...Latest Chungking schedule follows: 6-6:30am to Australia, 6:30-6:55am to E.Russia,7-7:30am to Japan, on 11.90; 7:35-9:55am to E.Asia on 9.635; 10-11:30am to N.A. on 9.635; 11:35-11:55am,12-1pm on 11.90; 3-5pm to E.Asia,5-6 pm to Europe on 11.90; *6:30-8:20pm to N.A. on 15.17 (Ong); News in English is broadcast 6,8:30,10,11am,5:30, 7:30pm (Ong); CBS often pickups J.L.Stewart over XGOY (9.635) at 8am (Krumlinde-W,Fern-TH); Messages from Americans broadcast Sat/Sun at 11:15am. over XGOY (9.635)(Krumlinde-W)...Chungking morning programs heard irreg. on 9.82 (Balbi-W)...XGRI (9.66) relays Tokyo irreg. at 9am (Balbi) ...English news or commentaries are heard over XGRS (11.68) at 12:30,2:15,6:15, 6:45,7:30am,6:45pm. XGRS broadcasts 3:45-11am,7pm (Sun.6pm)-2am (Krumlinde,Balbi-W)...XIRS (11.99) now opens at 6am; English news at 9:10am; signs at 9:30am. Van Auken-C)...XMHA (11.86) opens at 4am now (Fern-TH)

FR. INDO CHINA Messages from interneees, mostly to New Delhi, India, are heard at 11:15am irreg over Radio Saigon (11.775)(Krumlinde-W)

HONG KONG JZHA is now heard on 9.46-9.47 mgs. (Fern-Hawaii)

INDIA VUY2 (6.072), Dacca, heard in N.Z. 9-11:15am. Most of programs are of native type; English announcement at close (NZDXC)..."The Voice of Free India" (11.47) is still heard occasionally 10am-Noon. Announces "This is the Voice of Free India, Hasadhin-Zindabad.- Inshallah; English news at 11:40am (Martin-England,Fern-TH, Cushen-NZ,Becker-E)...VUD2 (4.96, 6.13, 7.29) and VUD3 (9.59) broadcast to 1:30pm; relay BBC news at 12.noon. VUB2 (7.24) operates to 1 p.m.; on 3.365 to 1:30pm (**Fern-Hawaii)

IRAN The Teheran Shortwave Station on a NEW frequency of 8.22, is being heard daily 12 noon-3pm. Presumably this replaces EQB on 6.155. From 2:30 to 3 pm news bulletins in German,Italian,French & English are read; man & woman announcers. Identify as "Teheran" at beginning & end of each bulletin (**Burton)

JAPAN Unidentified station-thought to be Jap or Jap-controlled on 3.800, heard approx. 7:45-8:15am (Van Auken-C)...European transmission heard 2:55-5am over JVZL (17.845) and JZJ (11.8)...Native programs are heard about as follows:- on JVW3 (11.725) & JVZ2 (11.825), 11pm-9am,-JVZ2 continues to 11am or later; on J---(11.74), 2-9am irreg.; on JVW2 (9.675), 5-9am; on JLS (9.655), 5-11am; on JVZ (9.565), 8-9:45am; on JVW (7.267),7-10:30am...(Picard,Balbi,Krumlinde,Fern,-W, Juett,Van Auken,Beyer,CAM-C, Hankins,Hart-E, Ferguson-E)...No personal messages from American prisoners of war in Japan are being given now. Instead the announcer simply gives names,addresses, age, rating and place captured for each prisoner.These bulletins follow the English news in the N.A. transmissions (AB)

JAVA YDA (3.04), Tandjongpriok, is definitely on the air again and being operated by the Japs daily from 6:30 to 11:30am; in Japanese to 7, then in Malay (**Fern-Hawaii)

MANCHUKUO Trouble with crystal causes MTCY to shift from 11.775 to 11.805 occasionally (Balbi-W)...MTCY broadcasts 9-11am to South Seas on 9.545, and a second transmitter in the 5 megs band,according to an air announcement (LK-W)

MALAYA The Shoonan-Singapore station on 12.2 has not been heard recently.

PHILIPPINES KZRH (11.62, 9.64, 6.145), "The Voice of the New Philippines," Manila, now operates daily 12 mid-9:30am and 1:30-7:30pm; English news at 2:55, 8:30am,1:30,5:30 & 6:30pm (**Balbi,Krumlinde-W)

SYRIA Radio Levant (8.035), broadcasts an English program starting at 12 noon with Colonel Bogey March; English news at 12:30pm; man announcer (Burton)

Note: Notes continued on Page 3

(England)

SHORT-WAVE BROADCASTING STATIONS

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

METERS	MEGS.	CALL	STATION	LOCATION	TIME	EASTERN WAR
13 METER BAND						
19.86S	21.84	GRZ	London, England		7:15-8, 8:15-8:30, 8:45-9:15am	
13.97	21.47	GSH	London, England		6:45-11:15am to Africa	
15.31S	19.59	2R017	Rome, Italy		7-7:30, 10-10:20am, 12-1:20pm.	/am
16.61	18.065	PCV	Kootwijk, Holland		7:30-11:45am...News 7:45, 8:45, 10:30, 1130	
16 METER BAND						
16.64S	18.03	GRQ	London, England		9:45-11:15am to S.A.	
16.77S	17.89	GRP	London, England		6:45-11:15am, 11:30am-12:30; 1:15-3, 3:15-3:30, 3:30 or 4-5pm to NA...News 2, 4:45pm	
16.81	17.85		Vichy, France		7:30-8:15am to NA, 8:30-9:15, 10:45-11:30a	
16.81	17.845	DJH	Berlin, Germany		3:45-11am...News--5:30am.	
16.82	17.84		Athlone, Ireland		8-9:30am, 1:30-2:15pm...News--1:45pm.	
16.83S	17.83	WCDA	New York City, N.Y.		4:55-11pm /8:50am, 1:30, 2:50pm.	
16.84	17.82	2R08	Rome, Italy		7-7:25, 8:50-9am, 1:30-3pm to NA...News	
16.84	17.81	GSV	London, England		3-4:15, 6:45am-1:30pm	
16.85	17.80	OIH	Lahti, Finland		7am-1:30pm or later.	/pm
16.86S	17.79	GSG	London, England		6:30-7:30, 7:45-8, 9:45-10:45am, 12:30-1245	
16.87S	17.785	JZL	Tokyo, Japan		2:55-5am.	*
16.87S	17.78	WNBI	New York City, N.Y.		8am-4:45, 4:55-7:45pm.	
16.88	17.77	2R07	Rome, Italy		8-9, 10-11, 11:30am-12:55pm	
16.88n	17.77		Leopoldville, Belgian Congo		2:30-4:30pm	
16.89	17.76	DJE	Berlin, Germany		2:30-7, 7-9:30, 11am-11:45am.	
16.90S	17.75	WRUL	Boston, Mass.		10:45am-1pm, 2-3pm ex.Sun; Sun. 10am-Noon.	
19 METER BAND						
18.93S	15.85	WCW	Hicksville, N.Y.		9am-7pm.	
19.05N	15.75		Soviet		7:45-8:20, 10:45-11am (English)	
19.26N	15.58	WCB	Hicksville, N.Y.		1-4:45pm.	/am
19.42S	15.45	GRD	London, England		3-4:15, 7-9:30am /pm; Su. 9:10-1140	
19.48J	15.40	PZX5	Paramaribo, Dutch Guiana		7:40-9:40pm ex.Sa/Su; Sa. 5:40-8:40	
19.49S	15.39	GRE	London, England		2-4:15, 6:45-11:15am, 11:30am-12:30pm to NA; 12:45-1pm...News--7, 9, Noon.	
19.53	15.36	DZG	Berlin, Germany		1-3:15am, 12:30-2pm.	
19.54S	15.35	WRUW	Boston, Mass.		10:45am-1, 2-8pm; Sun. 10am-12 noon	
19.56	15.34	DJR	Berlin, Germany		1am-12 noon to Asia...News--5:30am.	
19.60S	15.31	GSP	London, England		1-3:15, 5:45-6, 6:30-6:45, 7-7:30, 7:45-8:15	
19.61S	15.30	2R06	Rome; Italy		9:30-10:45am, 1-2:15pm. 12:30-1:30am to NA, 3-3:30, 7-10:30a intermittently, 12:50-2:35, 2:40-3:10, 3:50-4:10, 4:45-5:30, 5:50-6:10, 6:30-9:30pm... News--1, 2:50, 5, 5:50pm.	
19.62S	15.29	KWID	San Francisco, Calif.		6-9, 10:30pm-2:35 a.m.	
19.62	15.29	VUD2	Delhi, India		2:30-4:55am.	
19.62	15.29	LRU	Buenos Aires, Argentina		7:15-8:15am.	
19.63S	15.28	DJQ	Berlin, Germany		1-3:30, 7am-12 noon, 3:30-5:45, 5:50-10pm.	
19.64S	15.27	WCBX	New York City, N.Y.		6am-3:45, 3:47-11pm.	
19.65	15.265		Moscow-Komsomolsk		12 mid.-2, 7:45-8:20am, 10-11:30pm.	
19.66	15.26	GSI	London, England		11:30am-2:45pm	
19.67S	15.25	WLWO	Cincinnati, Ohio		11am-1, 6:30, 7:45pm	
19.67	15.247	CR7BD	Lourenco Marques, Mozambique		1-2, 5:30-8am, 1-5 (Th/Fri/Sat- to 5:15pm); Sun. 5:30-8, 11am-3pm.	
19.69	15.24		Vichy, France		9:30-10:30, 11:45am-12:45, 1-1:45, 2-2:45pm	
19.70S	15.23		Moscow-Komsomolsk		7:45-8:20, 9:15-9:30am, 5:15-5:40, 6:48-730	
19.70	15.23	2R014	Rome, Italy		9:15-9:40, 11:15-11:40pm (English)	
19.70S	15.23	DXT	Berlin, Germany		1:30-2:40, 6:15-6:25, 7-10:30, 11:30am-1pm.	
19.70S	15.23	VLG6	Melbourne, Australia		7-8:45am...News--7, 8:30am. 12:25-1:10am to W.N.A, 1:15-1:45, 2:55-3:25am...News--12:30, 1:15, 2:55am.	
19.71S	15.22	PCJ	Huizen, Holland		7:30-11:45am, 3:30-5:45, 5:50-10pm...News-	
19.72S	15.21	WBOS	Boston, Mass.		7:45, 8:45, 10:30, 11:30am. 9am-4:40pm	

19.72	15.20	DJB	Berlin, Germany	7-9:45am to NA, 11am-12, 12:30-12:45, 5:50pm-12 mid. to NA...News- 7:30, 9:30, 11:40am, 12:30, 7, 8, 9, 10, 11pm.
19.75	15.195	TAQ	Ankara, Turkey	6:30-8am. Not heard at present.
19.75	15.19	OIE	Lahti, Finland	10:55am-7:05pm...News-- 12:45, 2:15pm
19.76	15.18	GSO	London, England	12:30-12:45pm (Affikaans)
19.76S	15.18	RV96	Moscow, U.S.S.R.	12-2am, 7:40-8:20, 10:40-11:45am, 6:48-720
19.77S	15.175	OC2AA	Leopoldville, Bel. Congo	6:55-8am, 2:30-4:30pm
19.78V	15.17	XGOX	Chungking, China	6:30-8:20pm...News- 7:30pm.
19.78	15.17	TGWA	Guatemala, Guatemala	1:45-2:55pm to NA; Sun. 1:45-6:15pm.
19.78S	15.165	PRE9	Fortaleza, Ceara, Brazil	10am- 1pm.
19.78	15.165	ZPA6	Encarnacion, Paraguay	6-9pm or later. /5:45, 1130p
19.79	15.16	VIG7	Melbourne, Australia	5:45-6:15, 10:45pm-12:15am...News
19.79	15.16	JZK	Tokyo, Japan	5am-12 noon, 2:55-6:30, 6:55-11pm to E.NA; 11:25pm-2:30am to W.NA...News 5, 8, 10:30 am, 7, 10:10, 11:30pm, 2am.
19.80S	15.155	SBT	Stockholm, Sweden	8-8:15am irreg; 11am-12 noon; 9-10pm to NA...News- 11am, 9pm.
19.81	15.15	WRCA	New York City, N.Y.	9am-3:15, 4:55-5:30pm.
19.82S	15.14	GSF	London, England	1-4:15, 6:45-11:15am, 11:30am-4:15, 4:30-5, 5:15-6:15pm.
19.83S	15.13	WRUL	Boston, Mass.	10:45am-1pm ex. Sun; 2-8pm ex. Sun.
19.83S	15.13	DXL6	Paris, France	7-9:45am to NA, 10:30am-2:30, 5:5-9pm. News- 7:30, 9:30am.
19.84	15.12		Athlone, Ireland	2:30-5pm
19.84	15.12	HVJ	Vatican City	10:30am-1pm or later; Sun. 8:30-8:50pm
19.85S	15.11		Moscow, U.S.S.R.	7:40-8:20am, 5:15-5:40, 6:48-7:30, 9:15-9:40, 11:15-11:40pm (English)
19.85S	15.11	DJL	Berlin, Germany	1-3:15, 7:30-9:45, 11:40am-5:30pm...News- 7:30, 8:30, 9:30am.
19.86	15.10	EPB	Teheran, Iran	4:30-6am (Fri. 4-7am.)
19.92V	15.06	2R011	Rome, Italy	12:30-1am, 8:30-9, 11:40am-1:50pm

25 METER BAND

25.02S	11.99	XIRS	Shanghai, China	6-9:30am...News- 9:10am.
25.04	11.975	CB1180	Santiago, Chile	7:30-10am, 6:15pm-12 mid.
25.05	11.97	FZI	Brazzaville, Middle Congo	2-2:20, 9:30-10am, 3:45-5:30, 11pm-12 mid. to NA...News 3:45, 11:45pm.
25.08	11.96	CB1190	Santiago, Chile	Heard from 6:15pm on-
25.10S	11.95	2R0--	Rome, Italy	12:30-1, 8:30-9, 11:40am-1:50, 2-2:33, 3:6:10, 8:30pm-12 mid. to NA...News- 3:30, /5, 5:50, 8:30, 10:30 p.m.
25.18	11.915		Anti-Fascist	9-9:30, 11-11:30am, 3-3:30, 5-5:30, 7-7:30,
25.21	11.90	TIJMP	San Jose, C.R.	8-9:30am; nights to 1am /9-9:30pm, 1-1:30a
25.21N	11.90	VIG9	Melbourne, Australia	Testing irreg. 6-6:45pm to E.NA.
25.21S	11.90	XGOY	Chungking, China	6-6:55, 7-7:30, 11:35-11:55am, 12-1, 3-6pm..
25.23S	11.89	WNBI	New York City, N.Y.	6pm-1:10am. /News- 6am, 5:30pm.
25.24	11.885		Paris (Mondiale), France	2-5:10pm
25.24	11.885	DXL7	Paris, France	5:50pm-12 mid. to NA...News 7, 8, 9, 10, 11p
25.25S	11.88	VLR3	Melbourne, Australia	9pm-3:30am...News- 2:15am.

25.25	11.88	HI3X	Trujillo City, D.R.	Mon. 6:10-9:30pm; Tu. 6:10-10:30pm; Wed. & Fri. 6:10-9:10pm; Th. 6:10-9pm; Sa. 6:10-8:15pm
25.25	11.88	VLG5	Melbourne, Australia	5-7am. /-8:15pm
25.27	11.87	VLQ2	Sydney, Australia	6:50-7:15, 11-11:45am to W.N.A... News-11
25.27	11.87	WBOS	Boston, Mass.	5pm-1:10am (Sun. to 1am)/News- 9, 10pm.
25.28	11.865	HER5	Bern, Switzerland	6:45-8:10, 8:45-10:15pm to NA ex. Sat...
25.29S	11.86	XMHA	Shanghai, China	4-11am, 8-8:30pm... News- 9, 10am, 8pm.
25.29	11.86	GSE	London, England	11-11:15am, 1-2:15, 2:30-4:15pm.
25.30S	11.855	DJP	Berlin, Germany	1-3:15, 7am-4:20, 5:50pm-12 mid.
25.33	11.845		Vichy, France	3:45-4:30am, 3-3:45, 4-4:45, 5-5:45, 6-6:45
25.35	11.84	DHE4A	Prague, Bohemia	4:30-6:30, 6:55-9:15pm. /pm
25.36	11.83	VUD4	Delhi, India	2:30-4:55, 7am-1:35, 10pm-1am.
25.36	11.83	VLW3	Perth, W. Australia	2-6:45am.
25.36	11.83	WCRC	New York City, N.Y.	6am-3:30, 3:47-11pm.
25.37	11.825	CXA14	Colonia, Uruguay	4:30-10:05pm
25.37S	11.825	JVZ2	Tokyo, Japan	11pm-11am intermittently... News- 10:30am
25.38S	11.82	GSN	London, England	6:45-11:45am, 12-12:15, 3:15-4:30pm
25.38	11.82	XEBR	Hermosillo, Mexico	9am-1am.
25.40S	11.81	2RO4	Rome, Italy	12:30-1:30am to W.N.A; 3-3:30, 7-7:20am, 12:50-2:35, 3:50-4:20, 4:45-5:30, 6-6:10pm, 8:30pm-12 mid... to NA... News- 1am, 5, 8:30, 7am-5:30pm approx. /10:30pm
25.42S	11.80	DJZ	Berlin, Germany	7am-5:30pm approx. /10:30pm
25.42S	11.80	JZJ	Tokyo, Japan	2:55-5, 5-9:45, 10am-2:30, 2:55-6:30, 655-11pm to E.N.A; 11:25pm-2:30am to W.N.A... News- 4, 5, 8, 11am, 2, 3, 6, 7, 10:10, 11:30pm, 2 6:30-11:30pm ex. Sun; Sun. 7-9:15pm /am
25.45	11.79	WRUL	Boston, Mass.	10:55am-7:05, 8:25-8:50, 11:05-11:50pm, 12:15-1:30am... News- 12:45, 2:10, 6:10, 8:25, 11:10 p.m.
25.46	11.785		Jugoslav undercover station	3-3:30pm (Serb), 7-7:10pm. *
25.47	11.78	HP5G	Panama City, Panama	9:15-10am, 12:30-3, 6-11pm... News- 9:35am,
25.48J	11.775	MTCY	Hsinking, Manchukuo	1:30-3am to NA... News- 1:30, 2:30/9:45pm
25.48	11.775		Saigon, Fr. Indo China	6-10:30, 11am-Noon, 1-1:30, 7:45-8:20pm. News- 7:30, 11, 11:45am.
25.49	11.77	DJD	Berlin, Germany	1-3:15, 7am-Noon, 5:50pm-12 mid. to NA News- 7, 8, 9, 10, 11pm.
25.50	11.765	PYD8	Sao Paulo, Brazil	5:30-10:15pm. /4:15pm
25.51	11.76	DXR	Warsaw-Berlin	1-2:30, 11:40am-5:30pm to Africa... News-
25.51	11.76	VLR8	Melbourne, Australia	3:30-7:15pm
25.53	11.75	GSD	London, England	1-4:15, 6:45-11:15, 11:30am-5:5:15-12:45am to NA... News- 5:45, 6:45, 9, 10:45pm, 12:30a Daily 2-4am; Sun/Thurs 9:30-9:50pm to NA
25.55n	11.74	HVJ	Vatican City,	8-9am, 7:30pm-12:30am.
25.55	11.74	CB1174	Santiago, Chile	8-9am, 7:30pm-12:30am.
25.55	11.74	JV--	Tokyo, Japan	2-9am approx.
25.55	11.74	COCY	Havana, Cuba	6:30am-2:15am.
25.55S	11.74	DXC2	Berlin, Germany	1:30-3:15, 4:30-12 noon, 12:30-5, 5:50pm-1:30am to NA... News- 7, 8, 9, 10, 11pm, 12, 1a 6:30-11:30pm ex. Sun.
25.58	11.73	WRUW	Boston, Mass.	2:55-3:45pm with OPM
25.58	11.73		Leopoldville, Bel. Congo	2:55-3:45pm with OPM
25.59	11.725	JVW3	Tokyo, Japan	11pm-9am.
25.60S	11.721	ZPA2	Asuncion, Paraguay	Relays ZP10-6-11pm. *
25.60S	11.72		Leopoldville, Bel. Congo	2:30-4:30pm *
25.60S	11.715	HSP5	Bangkok, Thailand	4-11am, 7:45-8:30pm... News- 4am. *
25.62	11.71	YSM	San Salvador, El Salvador	2-3, 8-10:30pm.
25.62S	11.71	VLG3	Melbourne, Australia	1:55-2:40, 6:30-6:30am. *
25.62S	11.71	WLWO	Cincinnati, Ohio	1:45, 5:45, 8pm- 12 mid. *
25.63	11.705	CXA19	Montevideo, Uruguay	7-8am, 7:30-11pm. /4am-5:35pm
25.63	11.705	SBP	Motala, Sweden	2-5:15, 5:20-5:35pm; 9-10pm to NA; Sun.
25.63	11.705	CBFY	Montreal, Canada	6:55am-12 mid... News- 7:30, 8, 9am.
25.64	11.70	HP5A	Panama City, Panama	9:15-11:40am, 9:10pm-1am; Sun. 9am-1am.
25.64	11.70	IQY	Rome, Italy	3:50-4:30pm. /... News- 10:40 p.m.
25.64	11.70	CB1170	Santiago, Chile	8-10pm /9, 10:45pm, 12:30am.
25.68	11.68	GRG	London, England	3-5, 5:15-12:45am to NA... News- 5:45, 6:45,
25.68S	11.68	XGRS	Shanghai, China	3:45-11am, 7pm (Sun 6pm)-2am... News- 12:30, 2:15, 6:15, 6:45, 7:30am, 6:45pm. 5-9:30am.
25.75	11.65	XGOK	Canton, China	5-9:30am.
25.77N	11.64	WPJ	Hicksville, N.Y.	1-3:30pm
25.83F	11.63	COK	Havana, Cuba	1pm-1am; Sun. 1-7pm... News, 1, 3:30, 7, 10pm

25.82S	11.62	KZRH	Manila, Phillippines	12 mid.-9:30am, 1:30-7:30pm...News 2:55, 8:30am, 1:30, 5:30, 6:30pm.	* *
25.86	11.60		Undercover	4:15-4:25pm in Roumanian	
26.16	11.47		Voice of Free India	10am-Noon, 9:30-11:30pm	
26.43	11.35		Undercover	2:30-2:40pm in Serbo-Croat	
27.17S	11.04	CSW6	Lisbon, Portugal	1-4:45pm	
27.29	10.953	CR6RB	Benguela, Angola	3:20-4:30pm; Sun. 12 noon-1pm	
27.96F	10.73	VQ7LO	Nairobi, Kenya	11:30am-12:50pm & Mon. 1:15-1:50pm..	*
28.30	10.60	ZIK2	Belize, Br. Honduras	Tues/Thurs/Sat 2:30-3, 9:30-9:50pm.	
28.45	10.543	DZD	Berlin, Germany	2:30-3:15, 4:30-5, 5:50pm-12 mid. to NA, 12:30-12:45am...News- 2:30, 4:30, 7, 8, 10, 10-10:50am. /11pm, 12:30am	
28.49	10.53	JIB	Taihoku, Taiwan	9:10-10am, 7:30pm-12:30am.	
3.60	28.85	YSPA	San Salvador, El Salvador	9:10-10am, 7:30pm-12:30am.	
	28.85	KRCA	Bolinas, Calif.	12:15am-12 noon relays KWID-KGEI	
	28.99F		Station Debunk	8:30-9pm.	*
	29.04S	2R022	Rome, Italy	5-6, 6:30-9:30, 9:45-10:20pm.	
	29.15	DZC	Berlin, Germany	4-5:45, 5:50pm-12:15am	
	29.24	XGAP	Peiping, China	5:45am-12:15 or 12:30pm /Sun. 9:15-9:40p	
	29.35	PSH	Rio de Janeiro, Brazil	7-8pm ex. Sun; Mon/Wed/Sat 9-9:30pm;	
	29.44	J--	Tokyo, Japan	4:45-8:55am.	
	29.59	OPM	Leopoldville, Bel. Congo	2:55-3:45pm. /pm	
1300	29.62	HH3W	Port-au-Prince, Haiti	1-4:45, 7:30-11:30pm; Sun. 1-5, 7-11:30	
	29.79		Norway Freedom Station	11am-2:40pm	
	29.81	HLA2	Hsinking, Manchukuo	1:30-3am to NA...News- 1:30, 2:30am.	
10000	29.84S	SUV	Cairo, Egypt	Relays Cairo programs to American net- works 6:45-7, 7:15-7:30, 9:15-9:30pm irr.	
	29.88		Kuibyshev, U.S.S.R.	11:30pm-3:30, 7-10:50am...News- 1, 8:50am	
	29.97	WJQ	Hicksville, N.Y.	6-10:15am. /pm, 6:30 to 11:00 p.m.*	
11000	30.12N	HCJB	Quito, Ecuador	7:45-9:30am, 12:30-3:30, (Sun. 9:30am-5:30	
	30.39		China	7:30-9am approx.	
	30.43		Madrid, Spain	1-2, 7-8pm to NA...News- 1:15, 7pm.	
	30.48	CR7BE	Lourenco Marques, Mozambique	1-2, 5:30-8am, 1-5 (Th/Fr/Sat. to 5:15pm; Sun. 5:30-8, 11am-3pm..News- 1:55, 6:55am, 1:12, 4pm ex. Sun; Su. 6:55am	
	30.49	VIS	Sydney, Australia	Relays programs to U.S. networks /2:45pm	
	30.51	COCM	Havana, Cuba	9am-1am; Sun. 9am-12 mid.	
	30.54	GRH	London, England	5:15pm-12:15am to C.A...News- 5:45, 6:45,	
	30.57S	IRF	Rome, Italy	3:50-4:30, 8:30-9:30pm/9, 10:45pm, 12:30am.	
	30.67S	2R018	Rome, Italy	12:30-2:30, 6:30-9:30, 9:45-10:20pm.	
	30.75	ZRO	Durban, So. Africa	4:30-8, 10am-5pm; Sun. 4:50am-5pm	
	30.77		Radio Unconnu	2-2:15, 6:30-6:55am, 3:30-3:50pm	
1500	30.80S	TI4NRH	Heredia, C.R.	8-9am; Tu/Th/Sat 11:30pm-12:30am.	
	30.82S	CSW7	Lisbon, Portugal	5-7:05, 7:20-9pm to NA.	
	30.82	CB970	Valparaiso, Chile	7:30-9am, 7:15pm-12:30am.	
	30.86S	XGOA	Chungking, China	7am-1, 3-5pm...News 8:30, 10, 11am.	
	30.88	OAX4K	Lima, Peru	8pm-12 mid.	
	30.92		Fort-de-France, Martinique	12:30-1:40, 6:30-9pm	
	30.93S	WRUW	Boston, Mass.	7:15-11:30pm ex. Sun; Sun. 2-7pm.	
	30.96S	JIE3	Taihoku, Taiwan	8:30-10am...News- 8:30am. */6:15-6:30p*	
	30.96S	GRX	London, England	2-5:45, 6:45-11:45am, 12-3, 5-5:15, 5:30-6,	
1,0000	30.96S	TGWA	Guatemala, Guatemala	8:45pm-12:45am ex. Sun; Su. 7pm-12:45am.	
	30.96	LRA1	Buenos Aires, Argentina	1:30am-2, 3:30-4:30, 5-10pm.	
12000	30.99S	XEQQ	Mexico D.F., Mexico	8:35am-2:45am	
	30.99	EQC	Teheran, Iran	11am-1pm (Th. 9:30am-1, Fri. 10am-1pm)	
	30.99	VLW6	Perth, W. Australia	7-10:50am...News 8, 10:30am.	
	31.01	DJX	Berlin, Germany	1-3:15, 11:40am-5:30pm...News- 12:30, 3pm.	
31 METER BAND					
	31.02	JVW2	Tokyo, Japan	5-9am.	
	31.02S	WRCA	New York City, N.Y.	3:30-4:45, 5:45pm-1:10, 1:10-4:45am.	*
	31.06S	LRX	Buenos Aires, Argentina	6:30-7, 8:30am-11:10pm.	
	31.06	HBM	Port-au-Prince, Haiti	8-9:45am, 1-4, 4:30-9:45pm.	
	31.03N	JLS	Tokyo, Japan	5-11am.	
	31.09	DJW	Berlin, Germany	1-3:30, 7am-12 noon, 5:50pm-12:15am.	
	31.11	LLH	Oslo, Norway	6:40-8am, 1:30-6, 9:55-11pm to NA.	
	31.11		German Revolutionary	3-3:15, 5-5:15, 7-7:15, 9-9:15, 11-11:15pm	
	31.12	KZRH	Manila, Philippines	12-9:30am, 1:30-7:30pm... News- 2:55, 8:30am, 1:30, 5:30, 6:30pm.	

	31.12	9.64	LRI	Buenos Aires, Argentina	6-8am, 1:30-2:30, 3-5, 7-11pm. / 10, 11am.
	31.13	9.635	XGOY	Chungking, China	7:35-9:55, 10-11:25am to NA... News-8:30,
	31.13N	9.635		Gustav Sigfried Eint	2:52, 3:52, 4:52, 5:52, 7:52, 8:52,
	31.14S	9.63	2R03	Rome, Italy	3-3:30am, 12:50- / 9:52, 10:52, 11:52pm.* 2:30, 3:20-8:15, 8:30pm-12 mid. to NA, 12:30 -1:30am to W.N.A... News- 3:30, 5:5, 5:50,
	31.17	9.625		Addis Abeba, Ethiopia	10:15-11:35am. / 7:30, 10:30pm, 1am.
	31.19	9.62	CXA6	Montevideo, Uruguay	4:30-10:15pm / News- 7, 8, 9, 10, 11pm.
	31.19S	9.62	DXL24	Paris, France	5:50pm-12 mid. to NA, 12:15-4:15pm
	31.19S	9.62	TIPG	San Jose, C.R.	7am-12:30am. *
2000	31.21	9.615	VLQ	Sydney, Australia	4:20-5:25am.
0000	31.22	9.61	DXB	Berlin, Germany	12:15-2:30am, 12:15-4:15pm / 9, 10-11:15am.
	31.23	9.606	ZRL	Capetown, S. Africa	4:15-10, 10-11:15am; Sun. 2:10-2:45, 4:30-
	31.23	9.606	HP5J	Panama City, Panama	8am-2:30, 7:30-11:30pm; Sun. 9am-11pm.
	31.23	9.606		Gustav Siegfried Eint	2:52, 3:52, 4:52, 5:52, 6:52, 7:52, 8:52,
	31.25	9.60	CB960	Santiago, Chile	7pm-12 mid. / 9:52, 10:52, 11:52pm*
	31.25S	9.60	GRY	London, England	1-2:45am, 1:45-5 (4:30-5pm to NA), 5:15-
2000	31.27	9.595		Athlone, Ireland	5:10-6pm... News- 5:10pm / 6:45pm
	31.30S	9.59	VUD3	Delhi, India	2:30-4:55, 7am-1:30, 10pm-1am.
	31.30N	9.59	WCDA	New York City, N.Y.	6-8, 9:15-9:45am, 3:15-4:45pm. *
0000	31.32	9.58	VLQ6	Sydney, Australia	1:55-2:40, 2:55-3:25am... News- 3am.
2000	31.32	9.58	VLR	Melbourne, Australia	3:45-9:30am... News- 9:15am.
	31.32S	9.58	GSC	London, England	1-2:30a, 12:45-1:45, 2:15-3:15, 4-4:45, 5:15pm-12:45am to NA... News- 5:45, 6:45, 9, 10:45pm, 12:30am. / 1:30, 2:30, 3:30 p.m. 1:30-4, 5:30-5:45, 5:50pm-12:15am... News-
	31.35	9.57	DXZ	Berlin, Germany	12-2, 5-9:30am approx. *
	31.37S	9.566		Moscow-Komsomolsk	12-2, 5-9:30am approx. *
	31.37n	9.565	JVZ	Tokyo, Japan	8-9:45am approx. *
	31.37n	9.562	OAX4T	Lima, Peru	9-10am.
	31.38	9.56	DJA	Berlin, Germany	5:50-8, 9:30pm-12:15am.
500	31.39	9.557	XETT	Mexico, D.F., Mexico	24 hours daily
	31.41	9.55	WGEA	Schenectady, N.Y.	7pm-1am.
	31.43	9.545	MTCY	Hsinking, Manchukuo	9-11am, 5-6pm... News- 9, 10:30am, 5pm.
	31.43S	9.545	RV--	Khabarovsk, U.S.S.R.	1:30-9:30am approx... News- 7:45, 9:15am *
	31.44	9.543	XEFT	Vera Cruz, Mexico	10am-2:15am. / 9:52, 10:52, 11:52 p.m.*
	31.44	9.543		Gustav Siegfried Eint	2:52, 3:52, 4:52, 5:52, 6:52, 7:52, 8:52,
	31.45	9.54	OAX5C	Ica, Peru	8pm-1am / am to W.N.A... News- 7:30, 11:00am
0000	31.45S	9.54	VLG2	Melbourne, Australia	7:25-8:30am to E.N.A, 9:15-10:50, 11-1145
	31.46	9.538	HER4	Bern, Switzerland	6:45-8:10, 8:45-10:15pm to NA ex. Sat... News- 9, 10pm. *
	31.47	9.535	JZI	Tokyo, Japan	5am-2:30pm... News- 5, 8, 10:30am, 2pm.
	31.47S	9.535	SBU	Motala, Sweden	5:20-5:35pm.
	31.48S	9.53	WGEO	Schenectady, N.Y.	6-8am, 5-11:45pm, 12 mid.-1am. *
	31.50	9.525	JZHA	Hongkong, Hongkong	8-10am... News- 9:15am. Not heard lately*
	31.50	9.525	DXY	Warsaw-Berlin	9am intermittently to 7pm.
	31.50	9.523	ZRG	Johannesburg, So. Africa	4:30-9, 10-11:30am.
	31.50S	9.52		Vichy, France	12:45-1:30, 1:45-2:30, 2:45-3:30am, 7-7:45 pm to NA, 7:45-8:45, 9-11, 11:15pm-12:30am
	31.50	9.52	RV96	Moscow, U.S.S.R.	11pm-1am & irreg. / to NA.
	31.53S	9.515	COCQ	Havana, Cuba	6-9am approx. *
	31.55S	9.51	GSB	London, England	1-4:15am, 5-6, 6:15-6:30, 7-9:45pm.
	31.57	9.505	YUC	Belgrade, Yugoslavia	12-12:20am, 4-4:30, 6-8pm.
	31.57	9.503		Bratislava, Slovakia	Mon/Wed/Fri/Sat to N.A. 7-8pm.
	31.58	9.50	XEWW	Mexico D.F., Mexico	10am- 3:45am. / pm to NA
	31.60S	9.495	OFD	Lahti, Finland	10:55am-7:05 (2:05-2:30 to NA), 8:25-850
5000	31.65S	9.48	CP38	La Paz, Bolivia	7:30pm-12 mid. / 9:52, 10:52, 11:52pm
	31.65	9.48		Gustav Sigfried Eint	2:52, 3:52, 4:52, 5:52, 6:52, 7:52, 8:52,
	31.65	9.48	KRCA	Bolinas, Calif.	Relays KGET-KWID 12:15am-12 noon
250	31.69	9.47	CR6RA	Luanda, Angola	3:30-5pm.
	31.75S	9.45	GRU	London, England	1-1:45, 3-5:45, 6:45-7, 8:15-9:15, 11-11:15 am, 11:30am-12:15, 1-2:15, 2:30-4:15pm 7am- 1:15am.
	31.80S	9.435	COCH	Havana, Cuba	7am- 1:15am.
	31.88	9.41	FGA	Dakar, Senegal	3:15-4:30 or 5pm.
	31.91	9.40		Voice of Free India	9:30-11:30pm... News- 11pm.
	31.91	9.40		Sofia, Bulgaria	4pm-
	32.00	9.375	COBC	Havana, Cuba	9am-1:15am; Sun. 8am-11:30pm
	32.12	9.34	OAX4J	Lima, Peru	9-10am, 1-4, 7pm-2am.

32.19N	9.32	LRS	Buenos Aires, Argentina	8am- ,2-2:30,7-10pm	*
1000 32.22	9.31	HC2AK	Guayaquil, Ecuador	7-10:40pm	
100 32.26	9.30	HI2G	Trujillo City, D.R.	8:10-9:40am, 12:40-3:10, 6:10-10:40pm.	
32.36	9.27	COCX	Havana, Cuba	8:45am- 1am.	
32.43V	9.25		Bucharest, Roumania	3-6:05pm...News- 4:50pm	
32.54S	9.22	COBQ	Havana, Cuba	Relays CMBQ 8:05-9:15pm approx.	*
32.64	9.19	HC2ET	Guayaquil, Ecuador	8:30am-1:30am; Sun. 9:30-11:30pm	
32.88	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.	
33.48S	8.96	TPZ2	Alger, Algeria	3-4, 7:15-8am, 2-6pm.	
33.98S	8.83	COCC	Havana, Cuba	6am- 1:30am.	
34.48	8.70	COCO	Havana, Cuba	5:30am-1:30am.	
34.62	8.665	COJK	Camaguey, Cuba	12:30-1:30, 4:30-7, 9-9:30pm	
34.95	8.585	YNRS	Managua, Nicaragua	9-10am or later, 7:40pm-12 mid.	
35.44	8.465	XPSA	Kweiyang, China	6:30am-12 noon, 4-6pm...News- 10, 11am.	
36.50F	8.22		Teheran, Iran	12 noon-3pm.	*
37.34S	8.035	CNR	Rabat, Morocco	3:15-3:45, 8-9am, 1:30-6pm	*
37.34S	8.035	FXE	Beyrouth, Syria	1-4:30, 5-7:30, 9am-4pm...News- 12:30pm*	
37.50	8.00	FIA6	Douala, Camerouns	6:45-7am, 2:15-2:30pm	
37.81	7.935	PSL	Rio de Janeiro, Brazil	7-8pm; Sun. 9:15-9:40pm.	
38.00	7.894	YSD	San Salvador, El Salvador	8pm-12 mid. with HUB	
38.15	7.865	SUX	Cairo, Egypt	Not heard recently.	
38.20	7.854	HC2JSB	Guayaquil, Ecuador	9-11pm	
1200 39.16	7.66	YNDG	Leon, Nicaragua	9:30-11pm (11:20pm Sat/Sun)	
39.40	7.615	YNLAT	Granada, Nicaragua	9-11:15pm	
39.66N	7.565	WDJ	Hicksville, N.Y.	12 mid.-4am	
39.89	7.52	RV96	Moscow, U.S.S.R.	7-10:30, 11pm-1am approx.	
140 40.05	7.49	YN2FT	Granada, Nicaragua	9-11pm (to 11:15pm on Sat/Sun)	
40.30	7.446	FG8AH	Pointe-a-Pitre, Guadeloupe	7-9pm.	

41 METER BAND

40.98S	7.32	GRJ	London, England	12:30-1:45, 3-3:15, 11pm-12:30am	
41.10	7.30	VIG	Port Moresby, Papua	Mondays 7-7:30am (English)	
41.15S	7.29	VUD2	Delhi, India	2:30-4:30, 7am-1:30, 10:30pm-1am.	
41.27	7.27	DXM	Berlin, Germany	1-8pm...News- 1:30, 2:30, 3:30, 4:30pm	
41.32	7.26	EA--	Spain	Daily to 7pm	
41.32S	7.26	TGWC	Guatemala, Guatemala	8:45pm-12:45am with TGWB	
41.34S	7.257	JVW	Tokyo, Japan	7-10:30am approx.	
41.38	7.25	KGEI	San Francisco, Calif.	12:15am-12 noon	
13000 41.38	7.25	PJCL	Willemsted, Curacao	8-10:18pm; Sun. 6-7:15pm irreg.	
41.44S	7.24	VUB2	Bombay, India	3-4:55, 7am-1pm, 10:30pm-1am.	
41.44S	7.24	DXJ	Berlin, Germany	12:30-4, 5:50pm-1:30am to NA...News- 12:30, 1:30, 2:30, 3:30, 7, 8, 9, 10, 11pm, 12, 1	
41.49S	7.23	GSW	London, England	11:40pm-5:45, 6:45-11:15, 11:30-11:45am, 12 noon-8:15pm.	
41.55	7.22	2R011	Rome, Italy	5:50-6:10pm...News- 5:50pm.	
41.61	7.21	VUC2	Calcutta, India	2:30-5, 7:30-11:15am, 10-11:30pm.	
41.64	7.205	EA--	Madrid, Spain	4-7pm	
41.80N	7.177	CR6AA	, Angola	Wed/Sat 3-5pm.	
41.96S	7.15	GRT	London, England	11:40pm-5:45am, 3:15-8:30pm to Europe	
42.00	7.143	EAJ9	Malaga, Spain	4-6:30pm	
42.05	7.135		Kuibyshev, U.S.S.R.	12:15-1am	
42.08	7.13	EAJ22	Oviedo, Spain	3-6pm	
42.08N	7.128		La Vieja, Andorra	7pm-8am.	
42.28	7.095	EA--	Spain	Heard to 6:30pm	
42.31	7.09	EA9AA	Melilla, Spanish Morocco	Heard to 6pm	
42.37	7.08	YI5KG	Baghdad, Iraq	10am-3pm	
42.40	7.075		Athens, Greece	5:15-6pm approx.	
42.46	7.07		Serb Freedom Station	3:15-3:30, 4-4:15, 4:30-4:45pm	
42.46	7.07	GRS	London, England	1-4:15am	
42.47	7.063		Antigua, B.W.I.	6-6:20pm ex. Sun; Sun. 4-4:45pm	
42.65	7.037	EA--	Valencia, Spain	3-7pm	
42.74	7.03	EA--	Madrid, Spain	4:30-5:20pm	

42.98	6.98	FO8AA	Papeete, Tahiti	Tues/Fri 11:55pm-12:55am.	
42.98	6.98		U.S.S.R.	6:30-7:20, 8-8:45pm...News 6:48, 8pm	
43.67	6.87	YNOW	Managua, Nicaragua	8pm-12:30am or later.	
250 44.28	6.775	HIH	San Pedro, D.R.	8-9:30pm; Sun. 6:20-7:40pm	
44.38	6.76	YNRS	Managua, Nicaragua	9-10am, 7:40pm-12 mid.	

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.
100 45.25	6.63	HIT Trujillo City,D.R.	1:10-2:40,5:40-9:40pm
45.87	6.54	YN1GG Managua,Nicaragua	2-3:30,9-11pm ex.Sun.
60 46.15	6.50	HIL Trujillo City,D.R.	1:30-3, 7-10:30pm ex.Sun.
1000 46.22J	6.49	TGWB Guatemala,Guatemala	9-10,1:45-4:45,8:30pm-1am; Sun. 11:30am-6:15, 8:30pm-1am.
200 46.26	6.485	HILL Santiago de los Caballeros,D.R.	6:30-8:30pm ex.Sun.
1000 46.48	6.455	COHI Santa Clara,Cuba	7:42am- 1:15am
200 46.58	6.44	HILS Santiago,D.R.	6:40-9:10pm ex.Sun. /am
46.84	6.405	TGQA Quezaltenango,Guatemala	9-11:30pm; Sat.9pm-2am; Su.8pm-4
1200 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	6.342	OAX4G Lima,Peru	7pm-1:30am (Sat. to 2am)
100 47.39	6.333	HILX Trujillo City,D.R.	Mon.6:10-10:30pm; Tu. 6:10-10:30pm; Wed/Fri 6:10-9:10pm; Ty.6:10-9pm; Sat. 8:55am- 1:15am /6:10-8:10pm
47.39	6.33	COCW Havana,Cuba	8:55am- 1:15am /6:10-8:10pm
47.47	6.32	SUP2 Cairo,Egypt	12:10-1pm
500 47.50	6.316	HILZ Trujillo City,D.R.	12:40-1:40, 6:10-11:10pm
47.61S	6.30	ZRO-- Rome,Italy	5-6:10pm...News- 5,5:50pm.
300 47.68	6.29	OAX1A Chiclayo,Peru	8:30pm-12:30am.
47.77	6.28	HILG Trujillo City,D.R.	8:10-9:40am,12:40-3:10,4:40-10:40pm
100 47.85	6.27	YSR San Salvador,El Salvador	8pm-12 mid.
700 48.04	6.245	HILN Trujillo City,D.R.	7:40-8:40am,12:40-2:40,7:10-11:20pm
48.08	6.24	HRD La Ceiba,Honduras	9-11:30pm; Sun.5-7pm.
48.08S	6.24	HJCF Bogota,Colombia	8pm-12:15am.
48.23	6.22	HJCT Bogota,Colombia	11am-3,6:15pm-12:40am.
46.35	6.205	OAX3A Huancayo,Peru	9pm-12 mid. approx.
48.39S	6.20	YV3RN Caracas,Venezuela	5pm-11:30pm
1000 48.39	6.20	CP5 La Paz,Bolivia	7:15-9am,7:30pm-12 mid.; Sun.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	11:40pm-2,2:10-2:40am,12 noon-8:30pm.
300 48.47	6.19	H1LA Santiago,D.R.	12:40-2:40,4:40-6:40,8:40-10:40pm.
48.47	6.19	XECC Puebla,Mexico	Heard evenings to 2am next morning.
48.47	6.19	HVJ Vatican City	2-3:45pm approx. irreg.
48.48	6.188	Saigon,Fr.Indo-China	8-10:30am.
48.51	6.185	TIRCC San Jose,C.R.	Tu/Th/Sat. 7-8pm; Sun.9-10pm.
48.54	6.18	XXEA Mexico D.F.,Mexico	9:30am-12 noon,3:30-5,8:30pm-1:30am.
100 48.58	6.175	HI9T Puerto Plata,D.R.	Daily to 7:40pm; Sat. to 11pm or later
48.66	6.165	HER3 Bern,Switzerland	1:40-2:30,7-8:45am,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	HJGD Bogota,Colombia	11am-1, 5pm-12 mid. /1am.
150 48.70	6.16	CBRX Vancouver,B.C.,Canada relays CBR	10:30am-4am...News- 11am.
48.74	6.155	EQB Teheran,Iran	1-4pm...English talks at 3pm.
48.74	6.155	CS2WD Lisbon,Portugal	5:10-5:20, 12:45-12:55am.
300 48.78	6.15	HI3C La Romana,D.R.	Heard 8:20-9am, 5:55-7:10pm.
48.78	6.15	YSPE San Salvador,El Salvador	Nightly to lam.
48.78	6.15	YV5RM Caracas,Venezuela	12 noon-3,5-11pm; Sun.10:30am-2, 5-11pm
48.78	6.15	TIRH San Jose,C.R.	Heard to 12:35am /2:45,6:30am-5:00pm.
48.81	6.147	ZRD Durban,So.Africa	12:45-2:45,4:30-8,10am-5pm; Sun.2:10-10:30am-11:30pm.
48.82	6.145	HUDE Medellin,Colombia	12 mid-9:30am, 1:30-7:30pm...News 2:55, 8:30am-1:30,5:30,6:30pm
48.82S	6.145	KZRH Manila,Philippines	12 mid-9:30am, 1:30-7:30pm...News 2:55, 8:30am-1:30,5:30,6:30pm
48.90	6.135	FK3AA Noumea,New Caledonia	3:30-4:30,9-10am; Sun.1:40-2:35am.
500 48.93	6.132	CHNX Halifax,N.S.,Canada	8am-12:15am; Sat.9am-12 mid.; Sun. 1pm-12:15am...News- 7am,3:30,5:30,11pm.
48.94S	6.13	VUD2 Delhi,India	9:15am-1:30pm...News- 11:50am.
48.98	6.125	MTCY Hsinking,Manchukuo	3-8:30am, 6:30-7pm.
48.98	6.125	CXA4 Montevideo,Uruguay	7pm-12 mid.
49.00	6.122	HP5H Panama City,Panama	7pm-12 mid.
49.02	6.12	OFH Helsinki,Finland	2-3:30,8:30-9:30,11am-6:15pm
49.02	6.12	YV3RN Barquisimeto,Venezuela	12:30-2:30,6:30-10:30pm.
49.02	6.119	XEUZ Mexico D.F.,Mexico	10am-2, 8pm-3am.
100 49.08	6.115	HI6H Trujillo City,D.R.	10:40am-9:40pm.

49.10	6.11	CP2	La Paz,Bolivia	5pm-1am.
49.10S	6.11	GSL	London,England	1-2:45am, 2:30-6:15pm.
49.14	6.105	PRE9	Fortaleza,Ceara,Brazil	4:30-11pm.
750 49.14	6.105	HJFB	Manizales,Colombia	6:30-11pm ex.Sun.
49.14	6.105	XGAP	Peiping,China	6:30-11:50am.
49.21	6.097	HJFK	Pereira,Colombia	8-9am, 7:05-11:30pm
49.21	6.097	CR7AA	Lourenco Marques,Mozambique	1-2,5:30-8am,1-5pm (Th/Fr/Sat to 5:15pm); Sun.5:30-8,11am-3pm.
49.21	6.097	ZRK	Capetown,So.Africa	12:45-2:45am; after 11am irreg.
49.21	6.095	PYD7	Sao Paulo,Brazil	5:40-10:45pm
1 200 49.25	6.09	CBFW	Montreal,Canada	7:30am-12 mid...News- 11pm.
49.25	6.09	XEBF	Jalapa,Mexico	Heard evenings irreg.
1400 49.33	6.082	OAX4Z	Lima,Peru	6pm-12 mid. or later.
49.34	6.08	GRR	London,England	1:30-1:45,6:20-6:35pm.
49.34S	6.08	WLWO	Cincinnati,Ohio	12:45-2:30am.
10 49.34	6.08	CKFX	Vancouver,B.C.,Canada	10:30am-4am...News- 1am.
49.34	6.08	ZFY	Georgetown,Brit.Guiana	6:45-8:45,10:45am-12:45,3:15-8:15p
49.38	6.075	HJCF	Bogota,Colombia	8pm-12 mid.
49.40N	6.072	VUY2	Dacca,India	9-11:15am.
1 000 49.42	6.07	CFRX	Toronto,Canada	7am-1:30am; Sun.11am-12 mid.; News- 8am
49.42	6.07	YVSRU	Caracas,Venezuela	6-10:30pm (Sun. to 11:30pm)
49.42	6.07	T1WS	Puntarenas,C.R.	8:30-11pm; Sun.3-9pm.
49.46	6.065	SBO	Motaia,Sweden	5:20-5:35pm
49.48	6.063		Tananarive,Madagascar	11:45am-12:30pm approx. irreg.
49.50	6.06	VQYLO	Nairobi,Kenya	6:45-7:15am,12:30-3:30pm ex.Sa/Sun; Tu. & Th.9:30-10:30am; Sa.6:45-7:30am,12:30-7-11am. /3:30pm; Sun.12-3pm
49.50	6.06		Bangkok,Thailand	10am-1, 7:30-11:20pm.
49.55	6.054	HJFA	Pereira,Colombia	11:40pm-8:30pm (European Service)
49.59S	6.05	GSA	London,England	2-4am approx.
49.59	6.05	RV--	Khabarovsk,U.S.S.R.	7pm-12 mid.
49.59	6.05	OAX6A	Arequipa,Peru	8pm-2am.
49.66	6.04	XETW	Tampico,Mexico	2-11:30pm ex.Sun approx; Sun.2-9:15pm.
49.66	6.04	WRUS	Boston,Mass.	11:30am-3, 7-11pm.
49.73	6.03	HP5B	Panama City,Panama	11am-3am...News- 1am.
100 49.73	6.03	CFVP	Calgary,Alta.,Canada	3-10:30am.
49.73	6.03	MPCY	Hsinking,Manchukuo	9am-2, 6pm-12:40am.
49.75	6.03	XEKW	Morelia,Mexico	12:40-2:40,7:10-9:40pm, or later.
350 49.78	6.026	H11J	San Pedro,D.R.	8am-2am.
49.80	6.023	XEUW	Vera Cruz,Mexico	8-9, 11:30am-3, 6:30pm-12:40am.
49.83	6.02	DJG	Berlin,Germany	8:10-9:55am,12:40-2:40,5:40-6:40pm.
1 00 49.88	6.015	H13U	Santiago,D.R.	6:30am-2:30,9pm-12 mid...News- 7,8am
1 000 49.92	6.01	CJXC	Sydney,N.S.,Canada	4-10pm.
49.92	6.01	PR48	Recife,Pernambuco,Brazil	11am-5pm; 12:45-2:45am.
49.95	6.007	ZRH	Johannesburg,So.Africa	9am-11:15pm; Sun.9am-11:15pm
25 49.96	6.005	CFCX	Montreal,Canada	8am-2,6pm-12 mid...News- 10:15,11:15pm
49.96	6.005	HP5K	Colon,Panama	9pm-2am
49.96	6.005	CXA2	Montevideo,Uruguay	11am-4pm
49.98	6.002	ZOY	Accra,Gold Coast	11am-1:30am...News- 8:45pm,1:20am.
1 000 50.00	6.00	XEBT	Mexico D.F.,Mexico	
50.18	5.985		Cairo,Egypt	3:30-4:30pm...News- 4pm.
50.21	5.975	OAX4P	Huancayo,Peru	10pm-12 mid.
1 50 50.23	5.972	HCLQRX	Quito,Ecuador	7:45-9am; Evenings to 11:45pm.
50.25	5.97	VONH	St.John's,Newfoundland	7:45am-2:30,4:30-8:30pm
50.45	5.947	HR2S	Port-au-Prince,Haiti	7:30-11pm.
50.51	5.94	OAX2A	Trujillo,Peru	9pm-12 mid.
50.51	5.94	RV--	Khabarovsk,U.S.S.R.	5-9:30am or later.
50.90	5.89	ZNB	Mafeking,Bethuanaland	12:45-2:45,7:30-8:10am,11am-5pm
50.90	5.89	RV--	Khabarovsk,U.S.S.R.	11:45pm-1am or later, irreg.
1 400 51.075	5.875	HRN	Tegucigalpa,Honduras	7pm-12:30am (Sun. to 10:45pm)
100 51.15	5.865	PZX3	Paramaribo,Dutch Guiana	7:40-9:40pm ex.Sa/Su; Sa.5:40-
52.17	5.75	YNJAT	Leon,Nicaragua	8-11:20pm /8:40pm; Sun.9:10-11:40am.
52.40	5.725	HCLPM	Quito,Ecuador	9-11pm ex. Sun.
60.39N	5.052	WDI	Hicksville,N.Y.	4-6am.

60 METER BAND

1 000 60.36 4.97 HJAG Barranquilla,Colombia 12 noon-12 mid.--(Turn to Page Three)

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