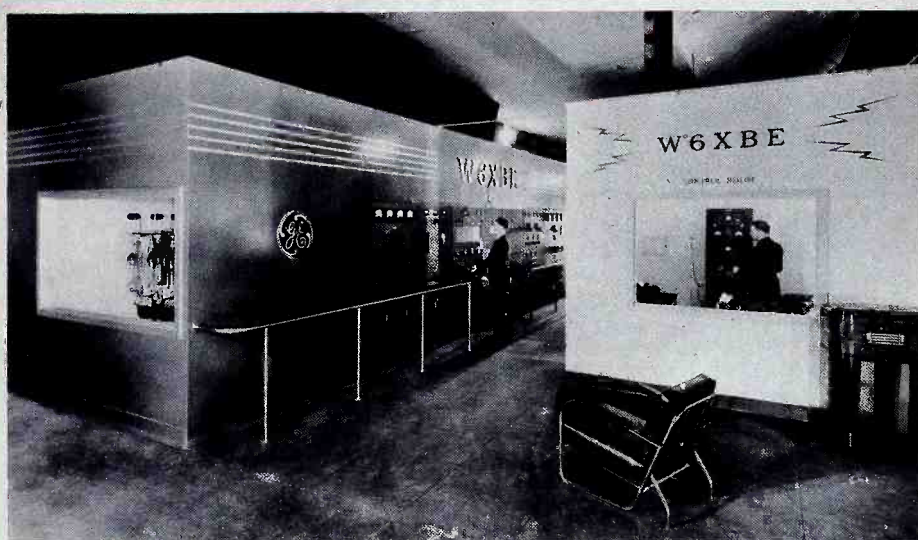


GLOBE CIRCLER

JUNE, 1939



G. E. Station W6XBE on Treasure Island at San Francisco, will Broadcast DX Festival Programs for IDA, on July 11, at 6:30 P.M. (15.33), and on July 12, at 9:00 A.M. EST (9.53)

In this issue

GOLDEN GATE DX FESTIVAL—VIC-VAC SHORT-WAVE HONOR-ROLL—IDA 100 CLUB—NEW BRITISH BROADCAST FREQUENCIES—SHORT-WAVE NOTES AND LIST.

ten cents

INTERNATIONAL DX'ERS ALLIANCE

International

Published Monthly Excepting July



BLOOMINGTON, ILLINOIS, U. S. A.

Ax'ers Alliance

CHARLES A. MORRISON
EDITOR

Volume 7

June, 1939

Number 6

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SHORT WAVE NOTES

Editor-in-Chief, Chas. A. Morrison,
 UHF Editor, Perry Ferrell, Jr.;
 Frequency Checking Editors, R. B.
 Oxrieder, John Larsen, John Oskay;
 Ama-Touring Editors, Roger Legge,
 and Roy Waite.

JUNE 29, 9-9:10am EST 14084 FN1C
 JUNE 30, 7-8pm EST 9340 OAX4J
 JULY 2, 1-1:10pm EST 14084 FN1C
 JULY 11, 6:30-7pm EST 15330 W6XBE
 JULY 12, 9-9:30am EST 9530 W6XBE
 AUG. 20, 1-3:30am EST 9685 TGWA
 DX broadcast for IDA 6490 TGWB
 from Guatemala. 2320 TGWC

PALEY AWARD GOES TO R. I. AMATEUR

W. Burgess of Westerly, R. I., has been selected for the Paley Amateur Radio Award for 1938, for his heroic performance during the hurricane which devastated large sections of New England. Forseeing the emergency he assembled all available batteries and at great personal risk carried them to his home. When the power went out he established the only communication Westerly had with the outside world.



WORLD'S LEADING DX'ERS: No. 4: JOHN MAY, Wilkinsburg, Pa... IDA 100 CLUB... VIC 141/VAC 90... Rcvr. HRO Sr; Brush crystal headphones; 4 directional antennas... Engineer for Westinghouse..

THE I. D. A. 100 CLUB

1. John May, Wilkinsburg, Pa.	(VIC) 141	G. Bigbee, Ft. Benning, Ga.	(VIC) 114
John DeMyer, Lansing, Mich.	141	8. Roy Myers, Los Angeles, Calif.	113
2. H. S. Bradley, Hamilton, N.Y.	134	David Thomas, Proctorville, Ohio	113
3. Roger Legge, Binghamton, N.Y.	125	9. P. Alberto, New York City, N.Y.	111
4. Ralph Gozen, Yonkers, N.Y.	120	10. M. W. Soplop, Alleghany, N.Y.	110
5. N. Kriebel, Ambler, Pa.	119	11. Carl Weber, Camden, N.J.	107
Gordon Rockwell, Halifax, N.S.	119	12. Roy Waite, Ballston Spa, N.Y.	104
6. Lem Cavileer, Haddon Heights, NJ	115	13. John Barre, New York City, N.Y.	103
7. Howard Eck, E. Lansing, Mich.	114	14. R. & I. Brian, Minneapolis, Minn.	101

PRESS DEADLINES: For AUGUST GLOBE CIRCLER, July 17; for AUGUST STOP PRESS SHEET, July 22; For AUGUST AMA-TOURING, July 25 (For Ama-Touring, send your news items to R. Legge, 20 Beethoven St., Binghamton, N.Y.). In accordance with our annual vacation custom there will be no July Globe Circler, or Ama-Tour-

MAKE OUR YOUR SHORT-WAVE REPORTS AS FOLLOWS: Double space lines; use (ing one side page only; group items by continents, and state time used. Items in order of importance are: NEW stations; exact frequencies or frequency changes; exact schedules, or addresses; identifying signals and unusual receptions. RUSH important items by fastest mail (This also applies during vacation period since all important items will appear in RADIO GUIDE). FOUR STAR items denote exceptional merit. EACH FIVE STAR ITEM PAYS \$1.00 to contributor)

(EST)

ULTRA HIGH FREQUENCY

(EST)

Watch the entire UHF for "short skip" during June and July... W4XA features orchestral selections and verifies with novel brown & cream QSL.... WCNY (41.1), now testing irreg., says xmtr. is in Brooklyn Technical High School (L. Weber)... W2XMN (42.8) being heard with R9 sigs in mornings (Ferrell, L. Weber, R. Airhart)... W2XHG (41), broadcasts facsimile daily 3-6pm (L. Weber)... W9XH (26.05) verified by letter from South Bend Tribune (Clein)... W6XDA (38.6) used a photographic QSL. Hrd here R8 at 7pm (Ferrell)... W9XAZ (26.4), W8XKA (31.6) and W3XKA (31.6) are now officially deleted according to confirmation from stations (O. Barnetson)... W9XPD, W9XUY and W9XHW (all 31.6) heard in half hour, on short skip (Ferrell)... The 31.6 meg. stations are now all applying for moves to either the '7' or '11' meter bands; many with increases in power and new equipment (FCC)... W2XDA is now testing on 42.8 for

interference tests with W2XMN (FCC)...HJA3 (35) is now off the air until a new aerial can be installed...W3XIR (41) announce they have a new antenna; operates mostly on Monday nights but has no schedule...W1XKB (31.6) heard here at 6pm for new record on nine meters! 10,250 miles on 50 watts (R.Simpson, NSW, AUSTRALIA)...W8XUJ (26), Cincinnati, sends facsimile daily 2:15-3:15pm...W8XNO, Charleston, Va., will not be built (W8XNO)...W2XDG has requested a permit to move to 42.1; W3XGH to 42.26. (Perry Ferrell Jr.-Ed)

TELEVISION: NBC's xmt. W2XBS (Sight 45.25/Sound 49.75), N.Y.C., is now telecasting live shows Wed/Fri 7-8pm, and film shows Mon/Tues/Thurs 10am-3pm and Wed/Fri 3-7pm. Results have been remarkable...Dr. Baker, G.E.'s television head, says "In the next 5 years, hundreds of television transmitters will probably be built and millions of receivers may be in homes by 1944." ...W2XVT, W2XBS and W6XAO all send sound on 49.75 and video on 45.25. W2XAX will use 55.75 for sound and 53.25 for video. W2XVT is sharing time with W2XBS and is mostly on between 7-9am...W9XAK, Manhattan, Kansas, will televise in the 42-56mc band (Ferrell, CAM, NBC, GE).

(EST)

NORTH AND CENTRAL AMERICA

(EST)

BAHAMAS ZNS (6.09), 200w, relays ZNS (790kc), 1kW, daily 1:30-2 and 8-9pm. Heard irreg. 7:30-9:30pm. Often relays Daventry & signs-off with God Save the King. Send reports to K.P. Brown, Sec. of Broadcasting, Office of the Director of Telecommunications, East St., Nassau (Lundberg, Legge, Oskay)

COSTA RICA TIPG has moved to 9.612 (*Oskay, Balbi)

CUBA COBX now 9.205-10 (Larsen)...COCA (9.1), uses the slogan "de los grandes Almacenes "El Telar"...COCM is now on 9.815 (Oskay, Larsen, Olthoff)...COCQ has increased power to 5kW; is now on 8.85 (Oskay, Larsen, Rubio)...COCW (6.33), is now using the slogan "de los Almacenes de Panos" La Borla...COGF (11.805), is operating 8am-10pm (Callan)...COX (6.39) tests 4-6pm. Reports should be sent to Cuerpo de Senales, Ciudad Militar, Havana (RR)

CURACAO PJCL veri' is printed in 4 languages on cheap paper (*Nordgren)

D.R. HILJ heard on 5.89 now (Oskay)...H13X is being heard on 17.4

irreg. near 9-9:30pm (Oskay)...H1LN (6.234), now operates 5-11pm (Tuff).
GUATEMALA TGXI (6.132) heard at 5:35am (Oskay)...TGWC (2.32) is QRM'ed most of the time by CYQ (2.318), Toronto (Taglauer)...TGWA (9.685) dedicates concerts to the U.S., Mon/Tues/Thurs/Sat 10-11:30pm...TG2 (6.195) broadcasts for IDA Sundays 2-2:30am. Guatemalan mint & used stamps reward dx'ers submitting best reports on these special programs (TG2)

GUADELOUPE FG8AH (7.44), 110w, sends red, white & blue diagonally striped QSL, with printing in French; also picture of native girl (Callan, Bigbee, CW)

HAITI HH2S, still wandering around, heard on 5.98 most recently (Oskay Larsen)...HH3W has shifted to 9.785 (Larsen).

MEXICO NEW: XEBN (6.09), new relay for XEFO, heard to sign-off at 11pm (NNRC)...XEXA (6.175), Mexico D.F., operates daily 8-11am, 2:30-4, 7:30pm-1245 am, and Sun. 1:30pm-1:45am. English hour is broadcast Fridays at 11pm (*IRM)...XEYU (9.6), "Radio Universidad Nacional", Servicio de Radiodifusion, Universidad Nacional de Mexico, Calle De Justo Sierra 16, Mexico D.F., issues a white & grey QSL showing map of Mexico and antenna tower of XEYU (**Amers)

NEWFOUNDLAND NEW: VONG (5.73 and 5.98), operated by Avalon Telephone Co., at Mount Pearl, relays VONF (640 kc), daily 8:30am-12:30, and 1:30-9:30pm. Send reports to Broadcasting Corp. of Nfld., Newfoundland Hotel, St. John's. NBC type chimes are used each half hour (**White-Nfld; Oskay)

NICARAGUA Unidentified Managua xmt. heard on 5.845 till after 11pm.

PANAMA HP5A (11.7), broadcasts news in English from 6:30 to 7pm (Callan)...HP5J, still wandering around, is now near 9.61mc (Larsen).

P.R. WKAQ, San Juan, has been rebroadcasting W2XE & W3XAU irregularly

U.S.A. WGLM (4.14), crash boat for the "Yankee Clipper" heard testing with WGLN (Ferrell)...W9BHP (28.501), 35w, portable-marine aboard S.S. Steel

maker, is operating daily. Reports should be sent to his home QRA (*Amers)..

W0EG (2.758), aboard the U.P. special train was heard May 11, 7-8pm (Taglauer -Cincinnati)...KHAGH, aboard plane of the "Flying Hutchinsons", now making

world flight to 68 countries, operates on following freqs: 3.082, 3.105, 4.122, 4.967, 5.692, 6.18, 6.2, 6.21, and 8.28mc (CBS)...A new Latin-American

beam in use by W3XAL (9.67), provides an effective xmt. power of 600,000 watts (NBC)...See short-wave list for revised skeds for W1XAL/W1XAR, W2XE, W3XAU and W8XAL...W2XE (17.83), is used Mon. through Fri. 6:30-9am and noon-

6pm and on Sat/Sun 7-11am and 11:30am-5pm (CBS).

SOUTH AMERICA

BOLIVIA CPLAA (14.29), heard at 6pm, stated station now has new owner, and gave address as "The Observatory", La Paz (*Nordgren)

BRAZIL PPU (19.26), PPQ (11.67), PPM (10.31), PPH (11.93), and PUS (19.97) are all com. phones of "Radio Bras", operated by Cia Radio Telegrafica Brasileira, Avenida Rio Branco, Caixa Postal 500, Rio de Janeiro; verify with an attractive card (Taglauer)... PSH (10.22), operates weekdays 6-7pm; Mon. 8-830 pm, and Fri. 7-7:30pm. PSE (14.93), operates weekdays 6-7pm, Wed 4-4:10pm; Thur 3-3:30pm and 1st Thurs. of month, 11:18am-12 noon (**Callan)

COLOMBIA HJLABP, not heard on 9.618 lately, is now believed to be operating on 4.924mc (*Oskay); QSL card is white & light blue, picturing the load ing docks and Atlantic ocean at Cartagena. Call is in red (Pichler)

ECUADOR HC2CW heard on 9.124 (Oskay)... HC2ET (9.19), "Radio El Telegra- pho", Guayaquil, signs-off near 9:15-9:30pm. Frequency is announced as 9.2mc. which is double their former freq. of 4.6mc (*Legge)

PARAGUAY ZP14 (11.721), "Radio Cultura", La Voz del Corazon de Sud Ameri- ca, Villarica, issues a gray card with Spanish printing in blue (Smith, Weber)

URUGUAY According to the Com. Bul. the following freqs. & calls have been assigned S.W. stations in Uruguay: CXA1 (11.945), CXA2 (6), CXA3 (6.075) CXA4 (6.125), CXA5 (9.485), CXA6 (9.55), CXA7 (11.735), CXA8 (9.625), CXA9 (9.44), CXA10 (11.895), CXA11 (5.92), CXA12 (11.945), CXA13 (6.155), CXA14 (15.16), CXA15 (9.735), CXA16 (15.38), CXA17 (17.8), CXA18 (15.3), CXA19 (11.695), CXA20 (9.7), CXA21 (26.5), CXA22 (29.5), CXA23 (43.5) & CXA24 (5.8).

VENEZUELA YV1RT (4.77), YV1RO (4.78), YV1RZ (4.85), YVGRU (4.88), and YV4RP (4.93), are the only stations still missing from the new 62-meter Venezue- lan as far as we can check, all others having been reported on or close to the assigned frequencies as shown in the G.C. We will appreciate further checks on these stations so that our August list may give the final and official line-up of these stations (Ed)... YV5RN now has 5kW power.

EUROPE

AZORES CT2AJ (4), verifies promptly with a letter in English (Weber).

BOHEMIA OLR4A (11.84), Prague, the only freq. in use at present, broad- casts nightly for North America, starting at 6:45pm (**Callan, Balbi)

ENGLAND GRZ (21.64), and GRY (9.6), the beginning of a new series of calls for Daventry, have been assigned for use. GRY operates 12:25-4 & 4:20 -6pm (BBC, Callan, Oskay) (Guilbert.)

FRANCE The power of "Paris Mondial" is to be increased very soon.-

GERMANY DZH (14.46), has been broadcasting frequently early evenings.

HUNGARY Budapest xmtr. on 7.221, sounding like HAAT2, heard first April 23, and frequently since approx. 9:30-11:30pm (Legge)... HAAQ2 (9.625) heard at 9pm after 2R03 signed-off (Ferrell)...

ITALY The E.I.A.R. has inaugurated a 1600w UHF (43.8) xmtr. at Milan (Radiocorriere)... See short-wave list for revised skeds of Rome transmit-

LITHUANIA Veri' from LYR (9.285), 500w, Lithuanie Trumpuju bangu- (ters- stotis, Kanuas, is red & white with picture of Kaunas on front (**Weber)

NORWAY The 8.025mcs. freq. that is used irreg. is that ordinarily used by LCL a commercial xmtr (IRM). LLG (9.61), is now operating daily 3-6pm only. The address is Administration of Telegraphs, Radio Dept., Broad- cast Division, Oslo (**Amers)

POLAND SPW (13.635), is being heard with fine signals again.

SPAIN EA7BB (7.117) verified with typewritten message on back of postal card picture of Franco (Legge)... EAQ (9.86) heard at 7:30pm; still irreg. (Oskay)...

AFRICA

SWITZERLAND The new transmitter at Schwarzenburg will test on the various frequencies assigned and will adopt the best one for regular transmissions (**Reinhard)... HBO (11.402) and HBJ (14.535), are now broadcasting the Mon- day 6:45 to 8:15pm program for North America (Oskay)... HB9S (7.255), may be heard testing with music Sundays at 3am (Rubio)

U.S.S.R. The evening broadcast to N.A., 7-9pm, is being carried by RAL (9.6), RW96 (15.18) and RKI (15.04) (Ferrell)... The Soviet xmtr. on 15.4lmc is frequently heard near 6am (Oskay, Larsen)... See list for revised skeds.

ALGERIA TPZ2 (8.96), relays a program of Radio-Alger to Tunisia and the Near East, Tuesdays from 12:30 to 1:30p.m. (**Jacquemard-Algeria)

ANGOLA CR6AA broadcasts Mon/Wed/Sat 2:30-4:30pm, regularly on 7.614;

irreg. on 7.177, and 15.195mc (**J. Miller, Legge, SWM, Rubio).
BELGIAN CONGO QQ5ZZ (14.32/14.364), operated by the Gatti Expedition, is being heard frequently 5-6 and 7-8pm (**Nordgren, Bigbee, Legge)

ETHIOPIA (IEA) Reports to IABA can be verified direct or thru Ministry of Marine at Rome. Listeners are requested to listen particularly for the complete opera over IABA (9.65), Thurs. at 11am, and to the Italian songs Fri. at 11am. QRA is the E.I.A.R., Addis Abeba, I.E.A. (**Amers)

KENYA VQ4MSR (6.35) tests with England 2-2:30pm irreg. (Rubio)
MADEIRA CT3AQ (4), "Eddystone", operated by Gabriel Ornelas, at Funchal, broadcasts Mon/Wed/Fri 2-4:30pm (*Com. Bul.)

REUNION "Radio St. Denis", operated by the Dept. of Posts, Telegraphs & Telephones, power 60 watts, operates simultaneously on 617 kc & 9.6 mcs.

SO. AFRICA ZRL seems to have shifted to about 9.62 mcs. (Larsen)

TRIPOLI IQN (9.46), Tripoli, verified with an ICK card from the Ministerio Della Marina, Rome, with call and freq. of IQN typed in (*Legge)

ASIA AND OCEANIA

AUSTRALIA 9MI, SS Kanimbla, has shifted experimentally to 6.056 mcs. (Breen, Campbell, Wignall)... VK2ME (9.59), now on Sun. 12-2, 5-9, 10:30am-12:30
BURMA XYZ (6.007), 1.2kW, and XZZ (3.488), 50w, broadcast weekdays (pm 6:30-10am, and 9-11:30pm and Sun. 9:30-11:30pm. Send reports to W.J. Byrnes, Burma Independent Wireless Sub Division, Rangoon, Burma (**Gardner)

CANTON ISL. KF6DHW (Chas Calley op.), verified with a white card with large red and silver letters, mailed from Hawaii (**Soplop, Legge)

CHINA XGOY (11.9), Chungking, operates 7-11:45am and 4-6:30pm; news in English at 9am & 6pm; news in German at 4:50pm & in French at 5:15pm (**Goodchile, Honda, Baker, Tuff, Oskay, Orlaw)... Unidentified Shanghai xmtr, announcing as, Call of the Orient, Racehorse Course, Shanghai, variously reported as XUAK, XMKA, XMHA, is being heard 5-10:30am, on approx. 11.86 (Balbi, Guthrie, Orlaw)... XPSA (7.01), the Kweichow Broadcasting Station, Kweiyang, broadcasts 5:30-11am; Rebroadcasts XGOY (11.9), 8:45-9:25am; news in English at 9am. Broadcasts as XPSB (7.69) irreg. Power is 10kW (**Schrock, Breen, Legge, Gardner, Orlaw)... Capital of China may be moved to CHENGTU.

DUTCH NEW GUINEA The flying boat "Guba", equipped with 100w xmtr. which can operate on 3.105, 6.21 and 12.42mc, will leave Hollandia on June 15, for return trip to NY, via Australia, Africa & the Virgin Islands. PK6XX at Hollandia will remain in operation for another year. PK6XX heard telling hams to send QSL's to American Museum of Natural History, New York City, N.Y. and that he would QSL all when he returned. The acknowledgement certificates from the -ARRL are not veri's. (**Amers, Messer, Orlaw, Ama-Touring).

F. INDO-CHINA "Radio Saigon", P.O. Box 412, Saigon, is operating 7:30-10am on a new freq. of 11.78 (**Balbi, Honda)... "Radio Volonte Indochinoise", 15 Boulevard Rollandes, Hanoi, on 7.lmc, operates 12 to 2am (**Breen)

JAPAN New freqs. & calls to be used to relay JOAK programs to Manchukuo, replacing JVH, JVN etc., are JVW (7.257), JVW2 (9.675), JVW3 (11.725), JVW4 (15.235) and JVW5 (17.825) (**Saito, Orlaw)... JVW3 (11.725) & JVH relay baseball games irreg. after 12 mid.; JVW3 broadcasts irreg. 4-7:30am (AB).

JAVA YDA (7.25) & YDB (15.31), operate daily ex. Sat 10:30pm-2am and on Sat. 7:30pm-2am (Breen).

MANCHUKUO An overseas station under construction at Shinkyo, will when completed operate with 20kW power on 6.125, 9.545, 11.775 and 15.2 (*Saito)

N.Z. 4ZB (4.3), Highcliff, Otago Peninsula, 100w, is off the air at present due to technical troubles, but will be broadcasting again soon (AB)

S.S. The 1st Wed. of each month ZHP's schedule is extended to noon to transmit a carnival (*Pybus). ZHP is back on 9.69mcs again now (Oskay)

SUMATRA YDX (7.21), operates 5:30-7:45am and 10pm-1:30am and YDX (4.855), operates 10am-noon. The 5:30-7:45am program is verified direct from Medan, the other programs by the usual card from Batavia (**Breen-N.Z)

SUNDAY ISL. ZMEF (9.2), contacts ZIL5, Wellington, N.Z. 1:45-2:15am (WDXA)

TAHITI FO5AA (7.1), now broadcasts Sat. 12 mid-3:30am (Tuff-England)

TAIWAN JFO, Taihoku, has shifted to 9.68 (*Olthoff, Balbi). JFAK, Taihoku is also relayed on 7.325 approx. 9-10:15am (Honda)

TURKEY A letter from TAP (9.46), states the CW station that has been QRM'ing it badly is a com. telegraph station in N.J. and that steps are being taken to do away with this nuisance so listeners in the U.S. can enjoy and report on these programs from Turkey (**Amers).

SHORT-WAVE BROADCASTING STATIONS

SYMBOLS: N- NEW stations; F- Frequency change; S- Change in sked; B- Frequency calibrations according to Oxrieder-IDA Frequency Bureau; J- Stations persisting in hopping about; V- Varying in frequency; Y- Does not verify; X- Does not verify direct; U- Frequency in doubt; * See short-wave notes

DIAL METERS	MEGS.	CALL	STATION	TIME.....	EASTERN STANDARD.
11.30	26.55	W2XQO	New York City, N.Y.	12 noon-9pm.	
11.32	26.50	W9XTA	Harrisburg, Ill.	1-4pm.	
11.34	26.45	W9XA	Kansas City, Mo.	10am-1, 3-7pm.	
11.36	26.40	W9XAZ	Milwaukee, Wisconsin	1pm-12 mid.	
11.41	26.30	W2XJI	New York City, N.Y.	12 noon-6pm.	
11.47	26.15	W9XUP	St. Paul, Minn.	8am-lam.	(11M)
11.47	26.15	W4XA	Nashville, Tenn.	Noon-10pm.	
11.50S	26.10	W9XJL	Superior, Wisconsin	9am-5pm.	
11.52S	26.05	W9XTC	Minneapolis, Minn.	10am-8pm.	
11.52	26.05	W9XH	Southbend, Indiana	Mon/Tues/Wed/Th/Fri 2:30-6:30pm.	
11.54	26.00	W8XUJ	Cincinnati, Ohio	2-3pm.	
11.56S	25.95	W8XNU	Cincinnati, Ohio	7am-2, 3pm-lam.	
11.56	25.95	W6XKG	Los Angeles, Calif.	24 hours daily.	
11.67	25.70	W2XIUP	New York City, N.Y.	4-5pm.	
13.87	21.63	W3XAL	New York City, N.Y.	8am-4pm to Europe	
13.93	21.54	W8XK	Pittsburgh, Pa.	5:30-8am.	
13.93YS	21.53	GSJ	Daventry, England	5:45-8:50, 9am-noon.	(13M)
13.94	21.52	W3XAU	Philadelphia, Pa.	Not in use at present.	
13.96	21.50	W2XAD	Schenectady, N.Y.	7-10am.	
13.97Y	21.47	GSH	Daventry, England	5:45-8:50, 9am-noon to Africa.	
13.98S	21.46	WLXAL	Boston, Mass.	Sun 9-11:30am; Tues 10-11am.	
13.99	21.45	DJS	Zeesen, Germany	12:05-7:50am to Asia.	
15.77	19.02	HS6PJ	Bangkok, Siam	Mondays 8-10am.	
16.81	17.85	TPB3	Paris, France	8:30-10am.	
16.82	17.845	DJH	Zeesen, Germany	12:05-7:50, 8-9, 9:15-11am.	
16.82	17.84	EIRE	Athlone, Ireland	8:30-10am; 12:30-4:30 (irreg.)	
16.83	17.83	W2XE	New York City, N.Y.	7:30-10am, 1-6pm; Sat/Sun 8am-noon, 12:30-6pm.	
16.84S	17.82	2R08	Rome, Italy	5-8:45am.	
16.85YS	17.81	GSV	Daventry, England	5:45-8:45, 9-11am.	(16M)
16.85	17.80	OIH	Lahti, Finland	4-9am.	
16.85	17.80	XGOX	Chungking, China	9-11:30pm.	
16.86Y	17.79	GSG	Daventry, England	5:45-8:50, 9am-noon, 12:25-4pm.	
16.87	17.785	JZL	Tokio, Japan	4:30-5:30, 8-8:30pm.	
16.87	17.78	W3XL	New York City, N.Y.	8am-4pm, 4-9pm.	
16.88	17.77	PHI2	Huizen, Holland	Sun 6:25-9:45am; Mon/Thurs 7:40-9am, Tu/Wd/Fr/Sat 7:40-9:10am.	
16.89	17.76	DJE	Zeesen, Germany	12:05-11am, 4:50-9pm, Sun 11:10am	
19.52	15.37	HAS3	Budapest, Hungary	Sundays 9-10am.	(-12:25pm)
19.56	15.34	DJR	Zeesen, Germany	4:50-10:50pm to C.A.	
19.57	15.33	W2XAD	Schenectady, N.Y.	10:15am-5pm to Europe.	
19.57	15.33	W6XBE	San Francisco, Calif.	6:30-10pm to S.A.	
19.58	15.32	OZH	Skamlebak, Denmark	Sundays 8am-1:30pm.	(19M)
19.60YS	15.31	GSP	Daventry, England	1:15-4, 4:20-6pm.	
19.60S	15.31	YDB	Soerabaja, Java	10:30pm-2am and Sat. 7:30pm-2am.	
19.61	15.30	2R06	Rome, Italy	10am-12:04, 3-5:30, 6-9pm.	
19.62	15.29	LRU	Buenos Aires, Argentina	7-9am. (11:30p)	
19.62	15.29	VUD3	Delhi, India	1:30-3:30, 7:30am-12:30, 9:30-	
19.63	15.28	DJQ	Zeesen, Germany	12:05-11am, 4:50-10:50pm. (10:10	
19.64	15.27	HI3X	Trujillo City, D.R.	Sun 7:40-9:40am; Tu/Fri 8:10-	
19.64S	15.27	W2XE	New York City, N.Y.	5:30-7:30pm. (-5:15pm, Su. 12-5pm.	
19.64S	15.27	W3XAU	Philadelphia, Pa.	10:45-11:45am, 12:30-5:15, Sat 12	
19.66Y	15.26	GSI	Daventry, England	Mid.-2:15am to Oceania.	
19.67	15.25	WLXAL	Boston, Mass.	Wednesdays 1-2pm.	
19.68	15.243	TPA2	Pontoise, France	5-10am to Asia.	
19.71	15.22	PCJ2	Huizen, Holland	Tues. 2-3:30am; Wed. 9:30-11:30am.	
19.72	15.21	W8XK	Pittsburgh, Pa.	8am-1pm. (11:10am-12:25pm.	
19.74	15.20	DJB	Zeesen, Germany	12:05-11am, 4:50-10:50pm; Sun.-	

19.74	15.195	TAQ	Ankara, Turkey	5:30-7am.
19.75	15.19	OIE	Lahti, Finland	1:05-4, 9am-5pm.
19.76	15.185	XGOX	Chungking, China	9-11pm irreg.
19.76	15.18	RW96	Moscow, U.S.S.R.	3-4am, 7-9pm & irreg.
19.76YS	15.18	GSO	Daventry, England	4:20-6pm.
19.78	15.17	TGWA	Guatemala, Guatemala	12:45-1:45pm; Sun. 12:45-5:15p
19.78	15.17	LKV	Oslo, Norway	6:40-10am. (-4pm)
19.79S	15.16	JZK	Tokio, Japan	12:30-1:30, 7-7:30, 8-9:30am, 2:30
19.80	15.155	SM5SX	Stockholm, Sweden	11am-5pm; Sundays 9am-5pm.
19.80	15.15	YDC	Bandoeng, Java	4:30-10:30am; 6-7:30pm ex.Sat; 10:30pm-2am; Sat. 7pm-2am.
19.82YS	15.14	GSF	Daventry, England	5:45-8:50, 9am-noon, 4:20-6pm.
19.82	15.135	JLU3	TOKIO, JAPAN	8-9:30am.
19.83	15.13	TPB6	Paris, France	1-4am. (Sun 9-11:30am irreg.
19.83S	15.13	WLXAR	Boston, Mass.	2:30-5:30, 9-10pm ex.Sat/Sun, -
19.84	15.12	SP19	Warsaw, Poland	6-9pm. (Wed. 2:30-3
19.84	15.12	HVJ	Vatican City, Italy	Sun 1-1:30pm, Tu 10:30-10:45am,
19.84	15.12	CSW4	Lisbon, Portugal	6-8am.
19.85	15.11	DJL	Zeesen, Germany	12:05-2, 8-9, 10:40am-4:25pm.
19.87	15.10	2R012	Rome, Italy	Testing irreg.
19.95F	15.04	RKI	Moscow, U.S.S.R.	7-9pm in English. (3:30pm.*
20.09S	14.93	PSE	Rio de Janeiro, Brazil	6-7pm; Wed. 4-4:10pm; Thur. 3-
20.11	14.92	KQH	Kahuku, Hawaii	Who knows present sked?
20.55S	14.60	JVH	Nazaki, Japan	Relays JOAK after mid. irreg. *
20.64S	14.535	HBJ	Geneva, Switzerland	Sun. 10:45-11:30am, Mon 4-4:15am, Mon. 6:45-8:15pm.
20.78	14.44		Malaga, Spain	5:45-7:30pm. (pm ex.Mon.
20.80	14.42	HCLJB	Quito, Ecuador	7-8:15, 11:30am-2:30, 4:45-10:15
21.43	13.997	EA9AH	Tetuan, Span. Morocco	5:15-6:15, 6:30-7:30, 9-10pm.
21.58	13.90	YN3DG	Leon, Nicaragua	Operates here irreg.
22.00	13.635	SPW	Warsaw, Poland	6-9pm.
24.03	12.486	HILN	Trujillo City, D.R.	6:40-10:40am, 5:10-10:40pm.
24.08	12.46	HC2JB	Quito, Ecuador	7-8:15, 11:30am-2:30, 4:45-10:15
24.53	12.235	TFJ	Reykjavik, Iceland	Sundays 1:30-2:30pm. (pm ex.Mon
24.53	12.23	COCE	Havana, Cuba	8am-11:30pm; Sun noon-11:30pm.
25.00S	12.00	RNE	Moscow, U.S.S.R.	6am-5:30pm inter., 9-10pm & irr.
25.06	11.97	CB1180	Santiago, Chile	7-11pm.
25.06	11.97	HI2X	Trujillo City, D.R.	Tues/Fri 8:10-10:10pm; Sun 7:40-
25.13	11.94	TI2XD	San Jose, C.R.	7:30am-noon, 4-10pm. (9:40a
25.19	11.91		Hanoi, F. Indo-China	3:45-4:15, 7-9:30am.
25.19	11.91	CD1190	Valdivia, Chile	10am-1pm, 3-6, 7-10pm.
25.21	11.90	XEWI	Mexico City, D.F.	7:30pm-mid; Sun. 12:30-2pm.
25.21S	11.90	XGOY	Chungking, China	7-11:45am, 4-6:30pm. *
25.23	11.885	TPA3	Pontoise, France	1-4, 10:15am-5pm. (NA
25.23	11.885	TPB7	Paris, France	6-8:15pm for S.A.; 8:30-11pm for
25.25	11.88	VLR3	Melbourne, Australia	3:30pm-3am.
25.27	11.87	WSXK	Pittsburgh, Pa.	1-10pm.
25.27	11.87	VUM2	Madras, India	Mon/Wed/Fri 3:30-4am.
25.30YS	11.86	GSE	Daventry, England	6:20-8:30pm.
25.30	11.855	XMHA	Shanghai, China	5-10:30am. approx. *
25.32	11.85	CB1185	Santiago, Chile	Sat. 6-11pm & irreg. *
25.34S	11.84	OLR4A	Prague, Bohemia	6:45-9pm, *
25.36S	11.83	W2XE	New York City, N.Y.	8-10:30pm to S.A.
25.37	11.826	XEBR	Hermosillo, Mexico	9-11am, 8-10:30pm or later.
25.40	11.81	2R04	Rome, Italy	4:30-8:45, 10am-2:30, 6-9pm.
25.41	11.805	COGF	Matanzas, Cuba	8am-10pm.
25.41	11.805	OZG	Skamlebak, Denmark	2-6:30pm.
25.42	11.801	DJZ	Vienna, Germany	4:50-10:50pm to N.A.
25.42	11.80	JZJ	Tokio, Japan	7-7:30am, 8-9:30am.
25.45S	11.79	WLXAL	Boston, Mass.	2:30-5:30pm ex.Sat/Sun.
25.47F	11.78		Saigon, F. Indo-China	7-9:30am. *
25.47	11.78	HP5G	Panama City, Panama	Noon-1, 6-10pm.
25.47	11.78	OFE	Lahti, Finland	1:05-12:05pm.
25.49	11.77	DJD	Zeesen, Germany	11:30am-4:25, 4:50-10:50pm.
25.50	11.76	XETA	Monterrey, Mexico	Noon-3:30pm (Who is hearing?)

10	25.53SY	11.75	GSD	Daventry, England	12-2:15am, 12:25-4, 4:20-6, 6:20-
	25.55	11.74	SP25	Warsaw, Poland	6-9pm (8:30, 9:20-11:20pm.
	25.55	11.74	HVJ	Vatican City, Italy	Tues. 8:30-9am.
	25.57V	11.735	COCX	Havana, Cuba	8am-1am.
	25.57	11.735	LKQ	Oslo, Norway	2-6:40, 10am-3pm. 5:30pm
	25.58S	11.73	WLXAR	Boston, Mass.	6:30-8:30, 8:45-10pm; Sun. 1:30-
	25.59F	11.725	JVW3	TOKIO, JAPAN	After mid. irreg. & r-7:30am ir
	25.60	11.72	CJRX	Winnipeg, Canada	Sat. 6pm-Sun. 4am.
	25.60	11.72	ZP14	Villarica, Paraguay	5:30-7:55pm irreg. *
	25.60	11.718	CR7BH	Lourenco Marques, Mozambique	12-1, 4:30-6:30, 9-11am, Noon-4pm, 5-8-14, 10am-2pm.
	25.61	11.713	TPA4	Pontoise, France	6-8:15, 8:30-11pm to N.A.
	25.62	11.71	YSM	San Salvador, El Salvador	1-2:30pm.
	25.62	11.71		Saigon, F. Indo-China	7:30-9:45am. (sat 8-9pm
	25.63	11.705	SBP	Motala, Sweden	1-4:15pm; Sun 3am-4:15pm; Wed &-
	25.63S	11.705	JLG3	Tokio, Japan	2:30-4, 4:30-5:30pm.
	25.64	11.70	HP5A	Panama City, Panama	7-8:30am, 10am-1, 5-10pm; Su. 6-10-
	25.64	11.70	CB1170	Santiago, Chile	10am-2, 3:30-11pm. (pm
	25.74S	11.67	IQY	Rome, Italy	5:20-5:40am, 12:06-12:56, 1:50-
	26.01	11.535	SPD	Warsaw, Poland	6-9pm. 2:30pm.
	26.32S	11.402	HBO	Geneva, Switzerland	Sun 7-8:45pm, Mon. 6:45-8:15pm.
	26.36U	11.38	XGRV	Chungking, China	1-1:30, 8-8:35am, 6:45-7:30pm.
	27.17	11.04	CSW5	Lisbon, Portugal	11am-4:30pm; Sun. 10am-4:30pm.
	27.27	11.00	PLP	Bandoeng, Java	4:30-10:30am, 6-7:30, 10:30pm-2am
	28.48	10.535	JIB	Taihoku, Taiwan	Relays JFAK 9-9:55am.
	28.55V	10.40	YSP	San Salvador, El Salvador	Relays 1-3, 6:30-11pm.
	28.96	10.36	EAJ43	Tenerife, Canarias	3-4:30, 5-7, 7:45-8:45, 9-10pm.
	29.04	10.33	ORK	Ruyselede, Belgium	12:30-2pm to Belgian Congo. (Sun
	29.24	10.26	PMN	Bandoeng, Java	4:30-10:30am, 6-7, 10:30pm-2am ex
	29.35S	10.22	PSH	Rio de Janeiro, Braz.	6-7pm; Mon. 8-8:30pm; Fri 7-730
	29.85	10.05	TIEM	San Jose, C.R.	4:30-8pm. (pm
	30.05V	9.985	COBC	Havana, Cuba	6:55am-1am.
	30.23	9.925	JDY	Darien, Manchoukou	7-8am.
	30.45	9.855	EAQ	Madrid, Spain	Irreg. since end of war *
	30.52S	9.83	IRF	Rome, Italy	5-7:25am, 12-1, 1:50-2:30, 6-9pm.
	30.52	9.83	HNF	Baghdad, Iraq.	10am-3pm.
	30.57JF	9.815	COCM	Havana, Cuba	8am-12:30am; irreg. to 2am.
	30.66F	9.785	HH3W	Port-au-Prince, Haiti	1-2, 7-9:15pm.
	30.77	9.752	ZRO	Durban, So. Africa	11:45pm-12:50, 3:30-7:30, 9am-12:30pm; Sun 5:30-7, 9am-12:30pm
	30.93	9.700		Fort-de-France, Martinique	6-8:10 or 9:30pm.
	30.93	9.700		Saigon, F. Indo-China	7:30-9:45am irreg.
	30.95	9.693		Tananarive, Madagascar	12:30-12:45, 3:30-4:30, 10-11 am; Sun 2:30-4am.
	30.96	9.69	TI4NRH	Heredia, Costa Rica	Tu/Th/Sat 9-10pm; Sun. 7-8am.
	30.96	9.69	LRAL	Buenos Aires, Argen.	Mon to Th. 6-9pm; Fri. 4-9pm. Sa/Sun 7-9pm.
	30.96VF	9.69	ZHP	Singapore, S.S.	4:40-9:40am; Wed/Sat 12:40-1:40 am; Sun 5:40-9:40am.
	30.98	9.685	TGWA	Guatemala, Guatemala	10-11:30pm ex. Sun; Sun 7pm-mid.
	30.99F	9.68	JFO	Taihoku, Taiwan	4-10:30am.
	31.01S	9.675	DXJ	Vienna, Germany	11:30-4:25pm to Africa.
	31.02	9.67	W3XAL	New York City, N.Y.	5pm-mid.
	31.03S	9.67	2RO9	Rome, Italy	12:40-5:30, 6-6:30pm.
	31.06	9.66	LRX	Buenos Aires, Argen	6-6:45am, 9:15am-10pm.
	31.06	9.66	HVJ	Vatican City, Italy	Sundays 5-5:30am.
	31.09	9.65	CS2WA	Lisbon, Portugal	Tues/Thurs/Sat 3-6pm.
	31.09	9.65	W2XE	New York City, N.Y.	Not in use at present.
	31.09	9.65	IABA	Addis Abeba, I.E.A.	3:55-4:05, 4:15-4:45, 11am-noon, 1-3pm; Sun. 3:30-3:55am.
	31.11S	9.645	JLT2	Tokio, Japan	4:30-5:30pm.
	31.12	9.64	CXA8	Colonia, Uruguay	5am-10:45pm or 11pm; Sat. to lam.
	31.15S	9.63	2RO3	Rome, Italy	12:07-2:55, 5:30-9pm.
	31.19	9.62	CXA6	Montevideo, Uruguay	Relays CX6 nightly to 9pm.
	31.19F	9.62	ZRL	Capetown, So. Africa	11:45pm-12:50am ex. Sat; 3:30-720 (9-11:45am

31.21FJ	9.612	TIPG	San Jose, Costa Rica	7-9:30am, 12-2, 8-11:30pm.	11
31.22S	9.61	LLG	Oslo, Norway	3-6pm.	*
31.22J	9.61	HP5J	Panama City, Panama	Noon-1:30, 6:30-10:30pm.	
31.24	9.604	XEYU	Mexico D.F., Mexico	9-11pm irreg.	*
31.25NY	9.60	GRY	DAVENTRY, ENGLAND	5:45-8:50, 9am-noon, 12:20-4, 420	
31.25	9.60	RAL	Moscow, U.S.S.R.	6-7, 7-9, 9-10pm.	(6pm)
31.25	9.60	CB960	Santiago, Chile	8-11:30pm.	
31.27	9.595	EIRE	Athlone, Ireland	12:30-4:30 (Alternate days)	
31.28	9.59	PCJ	Huizen, Holland	Sun. 2-3, 7:15-9:25pm; Tues 1:45-3:30, 7:15-10:30pm; Wed. 7:15-12:30-4:30 (Alternate days)	
31.28	9.59	VK6ME	Perth, W. Australia	Weekdays 6-8am (8:40pm, Fr 8-9p	
31.28S	9.59	VK2ME	Sydney, Australia	Sun. 12-2, 5-9, 11:30am-1:30pm.	
31.28S	9.59	W3XAU	Philadelphia, Pa.	Mon/Thurs 5:30-6:15, 6:30-10:30pm; Sat 5:30-6, 6:30-9:45pm. (pm	
31.28S	9.59	VUD2	Delhi, India	1:30-3:30, 7am-12:20, 9:30-11:30	
31.32YS	9.58	GSC	Daventry, England	12:25-4, 4:20-6, 9:20-11:30pm.	
31.32	9.58	VLR	Melbourne, Australia	Weekdays 3:15-8:30am, Sun 3:15	
31.35	9.57	WLXK	Springfield, Mass.	6am-1am.	-7:30am.
31.35	9.57	KZRM	Manila, Philippines	Weekdays 4:30-6pm; Mon. to Fri. 5-9am; Sat 5-10am; Sun. 4-10am.	
31.35	9.57	CXA2	Montevideo, Uruguay	5:30-10:30pm.	
31.38	9.566	OAX4T	Lima, Peru	11:30am-1:30pm.	
31.38	9.56	XGAP	Peking, China	4-9am.	
31.38	9.56	DJA	Zeesen, Germany	6:30-10:50pm to C.A.	
31.40S	9.55	YDB	Soerabaja, Java	4:30-10:30am; 6-7:30, 10:30pm-2am Ex. Sat; Sat. 7pm-2am.	
31.40	9.55	VUB2	Bombay, India	1:30-3:30, 5-6am, 9:30-10:30pm.	
31.41	9.55	WZXAD	Schenectady, N.Y.	5:15-8:15pm to S.A.	
31.41	9.55	XEFT	Veracruz, Mexico	7:30pm-midnight.	(pm)
31.45S	9.54	DJN	Zeesen, Germany	12:05-2:30, 9:30-11am, 4:50-1050	
31.46	9.538	VPD2	Suva, Fiji's	5:30-7am ex. Sundays.	
31.48	9.53	WXBE	San Francisco, Calif	7-10am to Asia.	
31.48	9.53	WZXAF	Schenectady, N.Y.	3-5, 5-11pm to S.A.	
31.48	9.528	VUC2	Calcutta, India	2-4am, 10pm-2am.	
31.50S	9.525	XEDQ	Guadalajara, Mexico	Noon-4:30, 7pm-midnight. (9:30am	
31.50	9.525	ZBW3	Hong Kong, Hong Kong	5-10am, 11:30pm-1:15am, Su 5-	
31.50	9.525	SP31	Warsaw, Poland	3-5:30pm.	
31.50	9.523	ZRG	Pretoria, So. Africa	5-7:30am.	
31.51	9.52	OZF	Skamlebak, Denmark	8-9:30, 9:30-11pm.	
31.51	9.52	RW96	Moscow, U.S.S.R.	1-3, 4-7pm & irreg.	
31.55YS	9.51	GSB	Daventry, England	12-2:15, 6:20-8:30, 9:20-11:30pm	
31.55	9.51	HSPJ	Bangkok, Siam	Thurs. 8-10am.	
31.57	9.503	XEWW	Mexico City, D.F.	7:45am-12:30am.	
31.58	9.501	PRP5	Rio de Janeiro, Brazil	4:45-5:55pm ex. Sundays.	
31.58	9.50	OFD	Lahti, Finland	12:15-5pm.	
31.58	9.50	VK3ME	Melbourne, Australia	4-7am ex. Sundays.	
31.61V	9.49	KZIB	Manila, P.I.	6-9:05am & irreg.	
31.62V	9.488	EAR	Madrid, Spain	Irreg. since end of war.	
31.70	9.465	TAP	Ankara, Turkey	11:30am-5pm.	
31.77	9.445	HCODA	Guayaquil, Ecuador	8:15-10:15pm ex. Sundays.	
31.79	9.436	COCH	Havana, Cuba	8am-11pm; Sun. 8am-10pm.	
31.95	9.39	OAX5C	Ica, Peru	7-11:30pm.	
32.07V	9.354	HCL1ETC	Quito, Ecuador	Saturdays 8-11pm.	
32.11	9.345	HBL	Geneva, Switzerland		
32.12	9.34	OAX4J	Lima, Peru	Noon-3, and 5pm-midnight.	
32.28	9.295	XTC	Shanghai, China	8-9am in Chinese.	
32.28X	9.295	H12G	Trujillo City, D.R.	6:40-8:40, 11:40am-2:10, 3:40-	
32.34	9.285	LYR	Kaunas, Lithuania	11am-1:25pm & irreg.	*(4:40p
32.56V	9.205	COBX	Havana, Cuba	8am-11:30pm.	
32.64F	9.19	HC2ET	Guayaquil, Ecuador	Wed/Sat to 9:15 or 9:30pm.	*
32.72	9.17	HC1GQ	Quito, Ecuador	Mon/Wed/Sat 9-9:55pm.	
32.88S	9.125	HAT4	Budapest, Hungary	7-8pm.	
32.88FJ	9.124	HC2CW	Guayaquil, Ecuador	11am-1, 7-11pm.	
32.97V	9.10	COCA	Havana, Cuba	Noon-1:15am; till 3am irreg.	
33.00	9.091	PJCL	Curacao, D.W.I.	6:36-8:30pm; Su 10:36am-12:36pm	

33.22V	9.03	COBZ	Havana, Cuba	7:45am-1:15am.
33.48	8.96	COKG	Santiago, Cuba	5-6, 9:30-10:30pm.
33.48	8.96	TPZ2	Algiers, Algeria	Tuesdays 12:30-1:30pm.
33.90J	8.85	COCQ	Havana, Cuba	6:55am-lam.
34.54V	8.685	COJK	Camaguey, Cuba	11:30am-12:30pm, 3:30-6, 8-9 or
34.67V	8.652	HJ4DAU	Medellin, Colombia	Weekdays 7-10pm. 10pm.
34.97	8.58	YNPR	Managua, Nicaragua	12:45-2:15, 6:45-10:15pm.
35.02	8.572		Bucharest, Roumania	8:15-10:30am, 4-7pm.
38.00	7.894	YSD	San Salvador, El Salvador	7-10:30pm.
38.12	7.87	HClRB	Quito, Ecuador	8:30-11:30pm.
38.20	7.854	HC2JSB	Guayaquil, Ecuador	11am-2, 4-11pm.
38.22	7.85	ZAA	Tirana, Albania	6:30-7:30am; Sun. 6:30-8:30am.
39.89S	7.614	CRGAA	Lobito, Angola	Mon/Wed/Sat 2:30-4:30pm. *
39.69	7.52	KKH	Kahuku, Hawaii	Fri. 9-10pm, Sat 1-1:30a, 9:30-10
40.05	7.49	EAJ43	Tenerife, Canarias	8-9:30pm & irreg. (pm.)
40.27	7.45	TI2RS	San Jose, Costa Rica	7-11pm.
40.32	7.44	FG8AH	Pointe-a-Pitre, Guadeloupe	6-7:10pm.
40.65	7.38	XEGR	Mexico City, D.F.	Sundays 6-7pm.
41.01	7.31	VIG	Port Moresby, Papua	June 10/24, 3-5am.
41.21	7.28	TPB11	Paris, France	10:15am-5pm.
41.38	7.25	YDA	Bandoeng, Java	10:30pm-2am; Sat 7:30pm-2am.
41.55	7.22	YDX	Medan, Sumatra	5:30-7:45am, 10pm-1:30am.
41.67	7.20	YIJG	Baghdad, Iraq	7:30am-4 or 5pm.
42.09	7.128	YN3DG	Leon, Nicaragua	2-2:30, 8:30-9pm ex. Sundays.
42.25	7.10	FO8AA	Papeete, Tahiti	Sat. 12:01-3:30am. *
42.80	7.01	XPSA	Kweiyang, China	5:30-11am. *
43.10	6.96	2ZB	Wellington, N.Z.	Mid.-7am.
43.60	6.88	XOJD	Hankow, China	6-8:30am.
44.12	6.80	PZH	Paramaribo, D. Guiana	Mon/Wed/Fri 5:41-8:41pm.
44.25	6.78	HIH	San Pedro, D.R.	7-9:40pm; Sun 5:20-6:40pm.
44.38	6.76	HI7P	Trujillo City, D.R.	7:10-8:40pm; Sun. 9:40-10:40pm.
44.38	6.76	YNRF	Managua, Nicaragua	6:45-10:15pm or 11pm.
44.51	6.74	HClTQ	Quito, Ecuador	Sundays 5-7pm.
44.58	6.73	HI3C	La Romana, D.R.	To 8:20pm.
44.64	6.72	PMH	Bandoeng, Java	4:30-11am; Sun. 8:30pm-1:30am.
44.81	6.695	TIEP	San Jose, C.R.	7pm-midnight.
44.95	6.676	HBQ	Geneva, Switzerland	Operates in winter.
45.06	6.66	HI5G	Trujillo City, D.R.	To 8:40pm.
45.22	6.635	HC2RL	Guayaquil, Ecuador	Sun. 5:45-7:45 & Tues. 9:15-1115
45.25	6.63	HIT	Trujillo City, D.R.	12:10-1:40, 4:40-8:40pm. (pm)
45.29	6.625	PRADO	Riobamba, Ecuador	Thursdays 9-11pm.
45.39V	6.61	YNLQ	Managua, Nicaragua	1:30-2:30, 6-10:15pm.
45.45	6.60	HI6H	Trujillo City, D.R.	7:40-8:40pm.
45.70	6.565	HI5P	Puerto Plata, D.R.	5:40-7:40, 9:40-11:40pm.
45.87	6.54	YNLGG	Managua, Nicaragua	1-2:30, 8-10pm ex. Sundays.
46.08	6.51	TIRCC	San Jose, C.R.	Tu/Th/Sat 6-7pm; Sun. 8-10pm.
46.15	6.50	HIL	Trujillo City, D.R.	12:30-2, 6-8 or 9pm ex. Sunday.
46.22S	6.49	TGWB	Guatemala, Guatemala	7:45-9, 12:45-3:45, 7:30pm-1215;
				Sundays 10:30am-5:15, 7pm-mid.
46.26	6.485	HILL	Santiago, d.l.c., DR	Weekdays 5:30-9:30pm.
46.44	6.455	HI4V	S.F. de Macoris, D.R.	5:10-7:40pm; to 10pm irreg.
46.70V	6.426	HILS	Santiago, D.R.	5:40-7:35pm ex. Sundays. (-3pm.)
46.88	6.40	TGQA	Quezaltenango, Guatemala	8-11pm; Sat 8pm-lam, Sun 730
46.97V	6.388	HI9B	Santiago, D.R.	6-6:45, 8-8:45pm (night irreg.)
46.99	6.384	ZIZ	Basseterre, St. Kitts	4-4:45pm; Wed. 7-7:30pm; Sat.-
47.06	6.375	TIWS	Puntarenas, C.R.	5-7, 7:30-10; Sun. 5-6pm.
47.20	6.357	HRP1	San Pedro Sula, Honduras	6-7:30am, 2-4; irreg. 10pm.
47.32	6.34	HI1X	Trujillo City, D.R.	8:10-10:10pm; Sun 7:40-9:40am.
47.36	6.334	OAX1A	Chiclayo, Peru	8-11pm.
47.39	6.33	COCW	Havana, Cuba	6:55am-lam; Sun. 9:55am-10pm.
47.51	6.315	HI1Z	Trujillo City, D.R.	11:40am-12:40pm; 5:10-7:40pm ex.
47.66	6.295	OAX4G	Lima, Peru	6 or 7pm to mid. (sun.)
47.69V	6.29	HI1G	Trujillo City, D.R.	6:40-8:40, 11:40am-2:10, 3:40-940
48.05	6.243	HI1N	Trujillo City, D.R.	5:10-10:40pm or later. (pm)
48.11	6.235	HRD	La Ceiba, Honduras	8-11pm; Sun. 4-6pm.

48.31	6.21		Saigon, F. Indo-China	7:30-9:45am, 11:45pm-lam..
48.43	6.195	TG2	Guatemala, Guatemala	7:30-10am, 6-11:30pm, Sat 6pm-3am, Sun 3-8pm. For IDA Sun 2-2:30
48.43	6.195	HI2D	Trujillo City, D.R.	5:10-7:10pm.
48.47	6.19	or 6.03	HVJ, Vatican City,	M/Wd/Th/Sa 2-3:30pm; Tu/F 2-3pm.
48.47	6.19	HI1A	Santiago, D.R.	10:40am-1:40, 6:40-9:40pm.
48.58S	6.175	XEXA	Mexico City, D.F.	8-11am, 2:30-4, 7:30pm-12:45am; Su
48.66	6.165	TILS	San Jose, C.R.	Noon-2:30pm, 6-11pm (1:30pm-145a
48.78	6.15	HJ4DAE	Medellin, Colombia	9:30am-1pm, 5-11:30pm.
48.78	6.15	VPB	Colombo, Ceylon	7-11am or later.
48.81	6.147	ZTD	Durban, So. Africa	12:40-3:45pm; Sun. 12:40-3:20pm.
48.81	6.147	CJRO	Winnipeg, Canada	Sat 6pm-Sun 4am.
48.86	6.14	W8XK	Pittsburgh, Pa.	10pm-mid.
48.86	6.14		Leopoldville, Belgian Congo	Sundays 5:35-7am.
48.86	6.14	SP48	Warsaw, Poland	3-5:30pm.
48.88	6.138	COCD	Havana, Cuba	10am-11pm; Sun. 10am-9pm.
48.88	6.137	CR7AA	Lourenco, Mozambique	12-1, 4:30-6:30, 9-11am, 12-4, Sun 5-7am, 10am-2pm.
48.93	6.132	CHNX	Halifax, N.S., Canada	7am-11:15pm; Sun. noon-11:15pm.
48.93	6.132	TGX1	Guatemala, Guatemala	Heard early mornings irreg.
48.94	6.13	VP3BG	Georgetown, B. Guiana	10:15-11:15am, 3:45-7:45pm ex. (Sun.
48.94	6.13	LKJ	Jeloy, Norway	Noon-6pm irreg.
49.00	6.122	FK8AA	Noumea, New Caledonia	Wed/Sat 2:30-3:30am.
49.00V	6.122	HP5H	Panama City, Panama	6-10:30pm; to mid. irreg.
49.00	6.12	W2XE	New York City, N.Y.	11pm-12 mid.
49.04B	6.117	XEUZ	Mexico City, D.F.	9am-1, 7pm-2am.
49.05	6.116		Saigon, F. Indo-China	6-8:30am.
49.14	6.105	HJ6ABB	Manizales, Colombia	5:30-10pm ex. Sun; Sat. to 11pm.
49.18V	6.10	YUA	Belgrade, Yugoslavia	12:43-3, 6:30-8:30am, 12-6:30pm.
49.18	6.10	W3XL	New York City, N.Y.	9pm-mid. to So. America.
49.20	6.097	ZRK	Capetown, So. Africa	12-4pm; Sun. 12-3:20pm.
49.20	6.097	ZRJ	Johannesburg, S. Afr.	11:45pm-11:30am inter. ex. Sat.
49.25S	6.09	ZNS	Nassau, Bahamas	1:30-2, 8-9pm
49.25N	6.09	XEBN	Mexico City, D.F.	Signs-off at 11pm.
49.30	6.085	ZAA	Tirana, Albania	Noon-1pm.
49.32	6.083	VQ7LO	Nairobi, Kenya	5:30-6, 11:15am-2:15pm; Tues/Th-
49.34	6.080	CRY9	Macao, Macao	Mon. 8:30-10am. (8:15-9:15am.
49.34	6.080	HP5F	Colon, Panama	7-9pm.
49.34	6.08	XEQQ	Mexico D.F., Mexico	6-11pm.
49.37	6.077	OAX4Z	Lima, Peru	7am-1:30am.
49.42	6.07	CFRX	Toronto, Canada	7:30am-12:30am; Sun. 10am-11pm.
49.46	6.065	SBO	Motala, Sweden	4:15-5pm. -4am.
49.48	6.063		Tananarive, Madagascar	car 12:30-12:45, 10-11am; Sun 2:30
49.50S	6.06	W3XAU	Philadelphia, Pa.	Tu/W/F 5:30-6:15, 6:30-11pm; Sat 6:30-10:30, 11pm-1am; Su 6:30-11p
49.50	6.06	YDD	Bandoeng, Java	Relays NIROM network.
49.50S	6.06	W8XAL	Cincinnati, Ohio	Su 8am-6:30pm; M/Th 5:40am-2am; Tu/W/Fr 5:45am-5:30pm; Sat 5:45am-11pm; S/Tu/W/F 11pm-2am.
49.53	6.057	ZHJ	Penang, S.S.	6:40-8:40am ex. Sundays.
49.54F	6.056	9MI	M/V Kanimbla	6:30-7:30am 2 or 3 times a week
49.56	6.054	HJ6ABA	Pereira, Colombia	9am-noon, 6:30-10pm.
49.63	6.045	XETW	Tampico, Mexico	7-11pm
49.67S	6.04	WLXAL	Boston, Mass.	6:30-9pm ex. Sat/Sun; Su 1:30-6pm
49.67	6.04	W4XB	Miami, Florida	1-3, 9pm-2am; Sun 4-6pm.
49.73	6.033	HP5B	Panama City, Panama	10:30am-2, 6-10pm.
49.75	6.03	CFVP	Calgary, Alta., Canada	10am-2am.
49.75	6.03	RW96	Moscow, U.S.S.R.	1-3, 4-7pm.
49.81	6.023	XEUW	Veracruz, Mexico	10pm-lam.
49.83	6.02	DJC	Zeesen, Germany	11:30am-4:25pm to Africa.
49.83	6.02	HJ3CAX	Bogota, Colombia	5:30-11pm; Sun. 6-11pm.
49.89V	6.013	COCO	Havana, Cuba	7:55am-midnight.
49.92	6.01	PRAS	Pernambuco, Brazil	4-9pm.
49.92	6.01	CJCX	Sydney, Nova Scotia	7am-1:30, 4-8:30pm. (pm
49.94	6.007	XYZ	Rangoon, Burma	6:30-10am, 9-11pm; Sat 9:30-11:30

49M

49.94	6.007	ZRH	Pretoria, So. Africa	11:45pm-12:45am ex. Sat, 10am-3:30pm; Sun. 9am-3:15pm.
49.94V	6.005	CFCX	Montreal, Canada	7:45am-1am; Sun 9am-11:15pm.
50.00V	6.000	HP5K	Colon, Panama	7-9am, 12-1, 6-11pm.
50.00	6.00	XEBT	Mexico D.F., Mexico	10am-1:45am.
50.17J	5.98	HH2S	Port-au-Prince, Haiti	6:30-10:15pm ex. Sundays.
50.17N	5.98	VONG	ST. JOHN'S, NEWFOUNDLAND	8:30am-12:30, 1:30-9:30pm.*
50.21	5.975	OAX4P	Huancayo, Peru	9-11pm. (mid.)
50.51	5.94	TG2X	Guatemala, Guatemala	Mon/Thurs 9-11:30pm; Sat. 10pm-
50.51	5.94	OAX2A	Trujillo, Peru	Tues/Thurs/Sat/Sun 7-10pm.
50.85	5.90	ZNB	Mafeking, Bechuanaland	1-2:30pm; 6-7am ex. Sun.
50.93FV	5.89	H11J	San Pedro, D.R.	11:40am-1:40, 6:10-8:40pm.
50.96	5.885	HCK	Quito, Ecuador	Evenings irreg.
50.99V	5.883	TIGPH2	San Jose, C.R.	Noon-2, 7-11pm ex. Sundays.
51.07	5.875	HRN	Tegucigalpa, Honduras	6-11pm.
51.46	5.83	TIGPH	San Jose, C.R.	7-10pm.
51.46	5.83	TIXGP3	San Jose, C.R.	10-11pm.
51.77	5.795	HRK	Tegucigalpa, Honduras	Nightly to 11pm.
52.36N	5.73	VONG	ST. JOHN'S, NEWFOUNDLAND	8:30am-12:30, 1:30-9:30pm.
52.40	5.725	HCLPM	Quito, Ecuador	Sundays 9-11pm.
54.95J	5.46	YNOP	Managua, Nicaragua	8-9:30pm; Sundays 2-3pm.
56.60	5.30	ZIK3	Belize, Brit. Honduras	Tu/Th/Sa 1:30-2, 8:30-9pm.
57.42	5.225	YVA	Caracas, Venezuela	Heard near 6:45pm.
58.31	5.14	PMY	Bandoeng, Java	5:30am-noon. -10pm.
59.25V	5.04	YV5RN	Caracas, Venezuela	4-11:30pm; Sun 8:30-11:30am; 3:30
59.76	5.02	YV4RQ	Puerto Cabello, Venez.	Broadcasting nightly.
59.88	5.01	YV5RM	Caracas, Venezuela	3:30-10pm; Sun. 8am-10:30pm.
60.12	4.99	YV3RX	Barquisimeto, Venez.	10am-11pm.
60.36	4.97	YV1RJ	Coro, Venezuela	
60.48	4.96	VUD2	Delhi, India	7:30am-12:30pm.
60.48	4.96	YV5RS	Caracas, Venezuela	4:30-9:30pm or later.
60.61	4.95	YV4RO	Valencia, Venezuela	Noon-1, 6-10pm.
60.73	4.94	YV5RO	Caracas, Venezuela	
60.85	4.93	YV4RP	Valencia, Venezuela	5-9:30pm.
60.92F	4.924	HJ1ABP	Cartagena, Colombia	9am-1:30, 7-10:15pm ex. Sun.
60.98	4.92	YV5RU	Caracas, Venezuela	6:30-7:30, 10:30am-1, 3:30-10pm.
60.98	4.92	VUM2	Madras, India	6:30am-noon.
61.10	4.91	YV1RY	Coro, Venezuela	6:30-9:30pm ex. Sundays.
61.16	4.905	HJ1ABG	Barranquilla, Colom.	11am-11pm; Sun. 11am-8pm.
61.22	4.90	YV6RT	Bolivar, Venezuela	Signs-off at 9:30pm.
61.22	4.90	HJ3CAH	Bogota, Colombia	11:30am-2, 6-11pm.
61.35	4.89	YV1RX	Maracaibo, Venezuela	10:30am-1:30, 4:30-10:30pm.
61.42	4.885	HJ4DAP	Medellin, Colombia	8am-2, 6-11pm.
61.48	4.88	VUB2	Bombay, India	7:30am-12:30pm.
61.48	4.88	YV6RU	Bolivar, Venezuela	Still operating on 5.9mc?
61.54	4.875	HJ6FAH	Armenia, Colombia	8-11am, 6-10pm.
61.60	4.87	YV2RN	San Cristobal, Venez	11:30am-12:30pm, 6-9pm ex. Sun.
61.67	4.865	HJ2BAJ	Santa Marta, Colom.	5:30-10:30pm.
61.73	4.86	YV1RL	Maracaibo, Venez.	11am-1pm, 4:30-10:30pm.
61.80	4.855	HJ3CAF	Bogota, Colombia	7pm-mid. ex. Sundays.
61.88	4.85	YV1RZ	Valera, Venezuela	11:30am-1, 5:45-8:45pm.
61.92	4.845	HJ3CAD	Bogota, Colombia	6-11:30pm.
61.98	4.84	VUC2	Calcutta, India	6:30am-noon.
61.98	4.84	YV4RX	Maracay, Venezuela	6-11pm ex. Sundays.
62.05	4.835	HJ1ABE	Cartagena, Colombia	7am-6, 7-11pm.
62.11	4.83	YV5RH	Caracas, Venezuela	5-9:30pm (Sun. to 10:30pm)
62.17	4.825	HJ5EAD	Cali, Colombia	7-11pm ex. Sundays.
62.24	4.82	YV3RN	Barquisimeto, Venez.	11:30am-1:30, 5:30-9:30pm.
62.31	4.815	HJ2BAC	Cucuta, Colombia	
62.38	4.81	YV1RU	Maracaibo, Venezuela	10:45am-12:45, 4:30-10:30pm.
62.50	4.80	YV1RV	Maracaibo, Venezuela	10:45am-12:45, 4:30-10:30pm.
62.57	4.795	HJ6FAC	Pereira, Colombia	9am-noon, 6:30-10:30pm ex. Sun.
62.63	4.79	YV5RY	Caracas, Venezuela	5:30-8pm.
62.69	4.785	HJ1ABB	Barranquilla, Colom.	4:30-10:30pm ex. Sundays.
62.76	4.78	YV1RO	Trujillo, Venezuela	(Under construction)
62.87	4.772	HJ7GAB	Bucaramanga, Colom.	Nightly to 10:45 or 11pm.

FEATURE DX BROADCASTS

SUNDAYS --2-2:30am EST	(Guatemala,Guatemala)	6195	TG2
	(Guatemala,Guatemala)	1310	TG1
Note: No IRCs necessary. Guatemalan mint and used stamps for the best reports submitted on these special IDA DX Broadcasts.			
1st and 3rd Sunday of each month	(Guatemala,Guatemala)	9685	TGWA
1-3:30am EST	(Guatemala,Guatemala)	6490	TGWB
	(Guatemala,Guatemala)	1520	TGW
JUNE 29, Thursday, 9-9:10am EST	Chandernagore,French India		
Note: D.Paterson,Gondalpara,Chandernagore,Bengal,F.India. 14084 FN1C			
JUNE 30, Friday, 7-8pm EST,	(Lima,Peru)	9340	OAX4J
(Tucker)	(Lima, Peru)	1100	OAX4I
JULY 2, Sunday, 1-1:10pm EST, (Beyer)	Chandernagore,F.India	14084	FN1C
AUG. 20, Sunday, 1-3:30am EST,	Guatemala,Guatemala	1310	TGW
	2320 TGWC, 6490 TGWB,9685 TGWA		

NEW BRITISH FREQUENCIES

New frequencies allocated at Montreux for British stations are as follows: (Claude Jones)

DROITWICH (L.W.) to.....	200
NORTH REGIONAL to.....	671
SCOTTISH REGIONALS at Burghhead and Westerglen to	790
WELSH REGIONALS at Washford and Penmon to.....	879
LONDON REGIONAL to.....	916
N.IRELAND REGIONAL at Lisnargarvey to	1050
LONDON,NORTH and SCOTTISH Regionals to	1140
STAGSHAW to.....	1185
START POINT to.....	1219
NORWICH (new).....	1400
ABERDEEN to.....	1410
CLEVEDON (new).....	1465
ATHLONE to.....	570
DUBLIN to.....	1363

POWER: Droitwich will be permitted to use 200kW; NR may raise its power to 120kW; LR to 100kW; London and NN to 60kW; Aberdeen to 15kW, and Start Point can be increased to 120kW. Start Point comes into operation on June 14 on 1050kc.

== CHAPTERS ==

SOUTH JERSEY (Philadelphia): During June, July & August, meetings will be held the last Saturday in each month at home of Lemuel Cavileer, 1223 Keswick Ave., Haddon Heights, N.J. Any dx'ers on way to N.Y. World's Fair are cordially invited to stop & see us. Our 2nd Annual Outing and Picnic will be held this year on Sept.17. All dx'ers are invited to attend.

BETA (New York City): In preparation for a banner year starting next fall, Beta chapt. is being reorganized under the guidance of Murray Butekant, 1695 Andrews Ave., Bronx, N.Y.C.

DELTA (Lansing): Met at home of H. Eck, on May 5, and spent an enjoyable

evening discussing dx conditions, stations etc. Everyone enjoyed listening to the new HQL20X. The June meeting will be a picnic after which the regular meetings will be adjourned until fall.

EPSILON (LONDON): The first meeting of the newly reorganized chapter will take place very shortly. Anyone interested in attending should contact Ron G. Baker, 40 Stilehall Gardens, Chiswick, London W4.

LAND OF 10,000 LAKES (Minneapolis) will continue to hold meetings during the summer. Next meeting will be at home of L. Lundberg, 1020 Lowry Avenue North, Minneapolis, on June 10. Plans are being made for a picnic and for a series of broadcasts over a local station. A special membership committee has been formed and an active campaign has been started.

REGINA JUBILEE (Regina): The pancake & syrup social held on April 27, was voted one of the most successful meetings yet. A bean social is in the offing. Social activities are being featured by Regina Jubilee.

SOUTHERN CALIF. (Los Angeles): H. Allen won the March DX contest with a QSL from CR6AA; H. Clein won the April DX contest with veri' from "Radio Addis Abeba." The chapt. will meet during the summer on the last Saturday of each month at 8pm, at the home of Aug. Balbi, 1328 Angelus Ave., L.A. For information call Fitzroy 0163.

WINDY CITY (Chicago): All members urgently requested to attend last meeting of year on June 14, at Central YMCA, 19 S. La Salle St., Chicago, as election of officers is scheduled... We would like to meet any members passing thru. Telephone numbers: Gail Beyer-Irving 9704; L. Herz-Lakeview 8255; Bob Irwin-Atlantic 3438; Chas. Trezise-Vincennes 2118.

VIC-VAC SHORT-WAVE HONOR ROLLS

VAC. VERIFIED—**DISTRICT 1:** 13-L. Underwood, 9-W. Ansell, 6-H. Orlaw, 4-Wm. King, N. Ebling, J. Christie, J. Maguire, 2-Mrs. Baird, J. Hodges 1-W. Wood; S. Barnetson, G. Young, G. Cheeseman, D. White. **DISTRICT 2:** 69-R. MYERS, 30-W. Britting, 16-G. Gallagher, J. Moore, C. Streuber, 15-F. Harris, H. Allen, Amers, 10-H. Clein, 7-H. Honda, 6-A. Balbi, 5-M. Fisher, 4-W. Guthrie, 3-A. Field, 2-L. McNamara. **DISTRICT 4:** 25-F. MURPHY, G. BEYER, 17-T. Grey, 15-Eders 9-R&I. Brian, B. Hetzel, L. Herz, 8-K. Schram, H. Schrock, 7-F. Anzalone, 6-R. DeMent, C. Trezise, 5-E. Bristow, A. Deterly, 4-R. Swenson, A. Paul, Zana Kandle, 3 K. Miller, C. Meyers, 2-E. Schenk, S. Graham, 1-P. Loyd, J. Michalski, G. Jensen, K. Fountain, E. Daniels on, J. Delaney, R. Dissinger, J. Jenkins, R. Kramer, L. Lundberg, C. Robinson, Mrs. Rogers, R. Schaffar. **DISTRICT 5:** 20-G. BIGBEE, 15-Dr. Kash, 7 G. Magee, 4-H. Weatherly, 1-W. Byrn. **DISTRICT 6:** 94-H. BRADLEY, 90-J. MAY, 86 J. DeMYER, 83-R. GOZEN, 71-R. LEGGE, 59-N. KRIBBEL, 49-D. THOMAS, 45-L. CAVILEER, 32-I. GOODEVE, 30-H. ECK, 28-M. BUTTEKANT, D. HALL, 27-J. BARRE, 26-P. ALBERTO, M. SOPLOP, 24-R. WAITE, 23-J. SIRINGER, 21-J. BUTTEKANT, 18-Wm. Palmer, 17-Ed. Hatch, E. Powers, 16-M. Casina, E. Roberts, 14-E. Nicolassy, 13-R. Oxrieder, 12 W. Herzog, C. Weber, 11-H. Kentzel, T. Serafin, 9-E. Goss, 8-M. Bass, J. Haeger, L. Windisch, 7-M. Bruscia, D. Powell, M. Reamy, 6-G. Graham, B. Partridge, R. Schoel, I. Van Zandt, E. Wokaty, 5-E. Reinhard, J. Steele, D. Wright, C. Bolton, 4-J. Gardner A. Bartholomew, 3-B. Horne, H. Lueth, E. Payette, D. Stone. **DISTRICT 7:** 24-G. ROCK WELL, 17-R. Messer, 11-L. Hutchinson, 10-F. Alfred, 9-J. Kneeland, 8-J. Pratt, 7-J. R. Graham, 4-J. Lippincott, E. Barker, A. Willis, 5-H. Ward, 2-A. Long, R. Collins, J. Harvey, D. Hoadley, 1-G. Cote, R. Ritchie, I. Witty, S. Rudd. **GT. BRITAIN:** - 19-R. Pybus, 7-R. Coales, J. Shaw, 1-G. Haylock. **N.Z.:** 22-A. BREEN, 3-B. Connor. **CANAL ZONE:** 4-J. Gallivan. **JAPAN:** 13-S. Yoshimura. **P.R.:** 5-CLP

VIC. TOTAL NUM. VERIFIED. 76-W. ANSELL, 71-L. Underwood, 54-H. Orlaw, 51-W. King, 48-J BER COUNTRIES Maguire, 42-N. Ebling, J. Christie, 41-W. Wood, 32-Mrs. Baird, 31-D. White, 27-S. Barnetson, 26-F. Newton, 21-J. Hodges, 20-R Thompson, 19-G. Young, 17-G. Cheeseman, 15-J. Dickenson, J. Frederick, 14-W. White. **DISTRICT 2:** 113-R. MYERS, 85-W. BRITTING, 84-H. CLEIN, 77-AMERS, 75 H. ALLEN, 72-G. Gallagher, J. Moore, 66-F. Harris, 59-C. Streuber, 44-A. Balbi, H. Honda, 43-W. Guthrie, 35-L. McNamara, 32-A. Field, 29-M. Fisher, 16-R. Purcel . **DISTRICT 4:** 101-R&I. BRIAN, 93-F. MURPHY, 91-G. BEYER, 82-T. GREY, 80-Robt. Irwin, 77-B. Hetzel, 74-C. Trezise, 72-L. Herz, 70-Eders, 68-F. Anzalone, Zana Kandle, H. Schrock, K. Schram, 61-E. Frost, 58-R. DeMent, 53-E. Schenk, 46-E. Bristow, C. Meyers, 45-D. Traister, 44-A. Deterly, 41-K. Miller, 40-C. Robinson, R. Swenson, 36-P. Loyd, 35-S. Graham, 34-C. Will, 33-R. Dissinger, 32-J. Michalski 31-J. Delaney, 30-Mrs. Rogers, 29-L. Eikamp, 28-R. Kramer, 26-L. Lundberg, 25 G. Jensen, 23-R. Shaffar, 20-S. Cashio, J. Jenkins, 19-H. Gustafson, 17-E. Daniel sen, 15-K. Fountain. **DISTRICT 5:** 114-G. BIGBEE, 80-DR. KASH, 72-G. Magee, 53 H. Weatherly, 38-W. Byrn, 27-H. Gunn, 24-M. Mosler, 17-G. Hinson, 9-A. Pleyte. **DISTRICT 6:** 141-J. MAY, J. DeMYER, 134-H. BRADLEY, 125-R. LEGGE, 120-R. GOZEN, 119-N. KRIBBEL, 115-L. CAVILEER, 114-H. ECK, 113-D. THOMAS, 111-P. ALBERTO, 110 M. SOPLOP, 107-C. WEBER, 104-R. WAITE, 103-J. BARRE, 97-E. ROBERTS, 97-M. BUTTEKANT, 95-I. GOODEVE, 94-J. SIRINGER, 90-E. POWERS, 86-W. HATCH, 85-W. PALMER, 82 J. BUTTEKANT, 80-T. SERAFIN, 79-E. GOSS, H. KENTZEL, 78-E. REINHARD, 75-E. WOKATY R. OXRIEDER, 72-M. Bass, 70-B. Fiederowicz, W. Herzog, E. Nicolassy, 69-M. Casina, 66-J. Gardner, 65-D. Powell, 61-D. Hall, 59-A. Bartholomew, R. Partridge, L. Windisch, 58-J. Steele, 57-D. Stone, 54-R. Newcomer, I. VanZandt, 53-J. Hager, B. Horne, R. Schoel, 52-C. Bolton, 51-M. Bruscia, 50-G. Graham, 50-D. Wright, 49-M. Reamy, 47-A. Rhoads, 44-M. Garvey, E. Payette, 42-M. Vanderhaeghe, 40-H. Lueth, 37-J. Tate, 36-J. Brauner, R. Trubee, 34-W. Mathers, 33-J. Johns on, B. Nordgren, H. Magowan, 32-C. Seth, G. Soderberg, 31-B. Taglauer, 30-E. Prendergast, 28-John Evanovsky, C. Glick, J. Richrod, 27-M. Kenedy, W. Samis, 26-H. Graeme, 25-G. Cook, 24-J. Voisich, 22-C. Ast, 16-K. Nelson, 13-E. Kline, 7-B. Nagle. **DISTRICT 7:** 119-G. ROCKWELL, 77-R. MESSER, 69-L. Hutchinson, 68-J. Graham, 62-F. Alfred, J. Pratt, 58-J. Kneeland, 52-J. Lippincott, 50-H. Ward, 44-J. Everette, 39-A. Long E. Barker, 37-R. Collins, 35-J. Harvey, 31-A. Willis, 29-G. Cote, 28-D. Hoadley, 27-R. Ritchie, I. Witty, 22-J. Hardy, 21-J. Kernan, 17-S. Rudd, 14-D. Withun, 6 K. Morey, F. Heiss, 4-T. Hogg, 3-J. Pedersen. **GT. BRITAIN:** 92-R. PYBUS, 82-R. T. COALES, 50-J. Shaw, 27-G. Haylock (Send reports to R. Pybus, 4 Highfield Rd., Manchester 21, England). **JAPAN:** 81-S. YOSHIMURA. **N.Z.:** 80-A. BREEN, 53-B. Connor. **CANAL ZONE:** 57-J. Gallivan (NEXT VIC/VAC LIST WILL BE IN OCT. GC)