

★ WORLD FRIENDSHIP ★

NIHIL EFFICI NON POTEST



A

“SWL”
C



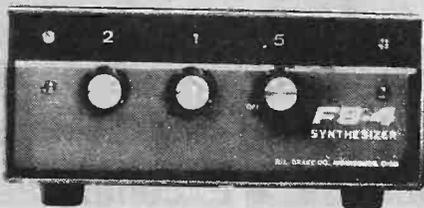
★ THRU SHORTWAVE ★

OFFICIAL NEWSBULLETIN OF THE AMERICAN SHORTWAVE LISTENERS CLUB

“FOUNDED DECEMBER 1959” - 16182 BALLAD LANE - HUNTINGTON BEACH, CALIFORNIA 92649

★ AUGUST ★ 1976

Combine synthesized general coverage flexibility...



**DRAKE FS-4
GENERAL COVERAGE
FREQUENCY SYNTHESIZER**



SPR-4/FS-4

ASIA - OCEANIA

Editor: Jeff Berger WDX5JB
1801 Exposition Blvd.
Austin, Texas, 78703

Deadline for September: August 15th
All dates and times are GMT
10,000 thanks to Jim Thornton!!

AUSTRALIA, COMMONWEALTH OF

Radio Australia

- 5995 0943 (L) EE pop mx. (444, 6-11, Taylor CA) (1030, 433, 6-20, Yajko PA)
6005 1005 (L) EE nx, countdown. (433, 6-21, May OH) (1300, 333, 5-24, Thompson NM)
7220 1045 (S) EE pop mx. (434, //7235, 6-20, Yajko PA)
7290 0950 (S) EE top ten mx. (444, 6-11, Taylor CA)
9515 0645 (S) EE mx, nx. (424, 6-13, Smithhisler OR) (0720, 444, 7-2, Rowell WA) (0735, 333, 6-14, Johnson IN) (1130, 232, 6-20, Yajko PA)
9530 0715 (S) "All about Boomerangs" (433, 6-27, Webber FL)
9570 0730 (S) EE mailbag. (444, Leffler NY)
9580 1100 (S) EE nx, mx, pol. (443, 6-19, Webber FL) (1127, 444, 6-20, Yajko PA) (1204, 444, 6-27, Worob TX) (1210, 232, 6-16, Fischer CT)
9770 1055 (S) EE pop mx. (333, 6-20, Yajko PA)
11725 2100 (S) EE nx. (322, 6-14, Kaufman CA)
11780 0326 (S) EE mx, nx. (242, 7-2, Johnson IN) (0420, 343, 7-4, Earhart PA) (0430, 343, 6-2, Thompson NM) (0445, 243, 6-16, Fischer CT) (0540, 444, 6-9, Getzel NY) (0540, 433, 6-27, Goodman IA)
11790 0330 (S) EE pgming. (333, many //s, 6-9, Chorpenning OR)
11845 0500 (S) EE nx. (333, 5-23, Brookwell CA)
11965 1605 (S) EE nx. (333, 6-5, Grenier CA)
15160 0300 (L) EE wld nx. (343, 6-20, Yajko PA) (0434, 333, 6-29, Goodman IA) (0508, 141, 6-16, Fischer CT) (0520, 444, 7-7, Rowell WA)
15240 0330 (S) EE nx. (342, 6-21, Zilmer WI)
15290 0300 (S) EE nx, mx. (433, 6-28, Green TX) (0435, 252, 7-4, Zilmer WI) (0515, 232, 7-1, Goodman IA)
15320 *0100 (S) nx, cmt, mx. (343, 5-20, Thompson NM) (0100, 343, 6-27, Johnson IN) (0140, 333, 6-13, Hilliker CA) (0225, 6-7, 333, Goodman IA) (0243, 353, 6-30, Earhart PA) All loggings were EE.
15355 0255 (S) EE mx. (343, 6-20, Yajko PA) (0405, 343, 7-6, Grenier CA)
17850 0240 (S) EE DXers Calling. (444, 6-5, Kosloff CA)
17795 0100 (S) FF nx. (242, 7-11, Grenier CA) (0045, 343, 6-14, Bryan CA) (0100, EE, 444, 7-8, Thompson NM) (0133, 242, 6-7, Goodman IA)
17870 0307 (S) EE wld nx. (242, 6-20, Yajko PA)

Australian Broadcasting Commission

- 4920 0942 (E) VLM4 EE class mx. (323, 6-11, Taylor CA) (1020, 333, 6-20, Yajko PA) (333, 6-20, Koonan CA)
6090 1115 (S) VLI6 EE nx, sx, mx. (333, 6-20, Yajko PA)
9660 0710 (B) VLQ9 EE local nx. (343, 7-1, Rowell WA)
15425 0630 (P) VLW15 EE ID, mx. (433, 6-30, Chorpenning OR)
Australian Postal Service
4500 1005 VNG EE time pips. (222, 6-11, Taylor CA)

BRUNEI

Radio Brunei

- 7215 1345 EE nx, cmt. (322, 6-24, Bryan CA)

BURMA, UNION OF

Burma Broadcasting Service

- 5040 1330 Burm mx, ID, nx. (333, 6-24, Eryan CA)

CAMBODIA

Radio Phnom Penh

- 4908 1320 Camb vocal. (322, 6-25, Bryan CA)

CHINA, PEOPLE'S REPUBLIC OF

Radio Peking

- 9460 1800 GG ID, nx. (333, 6-14, Chorpenning OR)
9780 0340 This and 7120 are Albania frequencies.
9940 0000 EE nx, cmt. (434, 6-26, Green TX)

Radio Peking (continued)

| | | |
|--------------------|-------|---|
| 0965 | 2210 | PP tx. (242, 6-24, Yajko PA) |
| 10455 | 0320 | SS tx. (212 VOA QRM, 6-6, Brookwell CA) |
| 11290 | 0430 | CC sing-song, tx, band mx. (222, 6-21, Brookwell CA) |
| 11505 | 0515 | CC OM/YL tx, pips. (222, 5-24, Brookwell CA) |
| 11600 | 0400 | CC vy weak under Nikolaevsk. (211, 5-20, Brookwell CA) CA) |
| 11650 | 1500 | EE tx. (443, //9860, 7-9, Thornton CA) (2117, 343, 6-16, Kaufman) |
| 11660 | 1630 | CC tx, no mx, good IS. (222, 5-20, Brookwell CA) |
| 11850a | 1000 | lang IS, IDs. (222, 6-11, Taylor CA) |
| 12120 | 0755 | CC mixed chorus, s/off. (333, 6-10, Brookwell CA) |
| 15000 | *0000 | EE IS, anth, mx. (222, 6-17, Fischer CT) (0110, 344, 6-17, Yajko PA) (0320, 444, 5-22, Thompson NM) |
| 15090 | 1325 | CC tx. (444, 6-14, Bryan CA) |
| 15095 | 0111 | SS tx. (343, 6-17, Yajko PA) (0245, 242, 6-17, Earhart PA) |
| 15670 | 0350 | CC class mx, ID. (222, 6-15, Brookwell CA) |
| Provincial Station | | |
| 4068 | 1222 | NM tx. (333, 6-18, Bryan CA) (Huhehaote) |

INDIA, REPUBLIC OF

All India Radio

| | | |
|-------|------|---|
| 9525 | 2116 | (A) "Faithfully Yours", nx, mx. (222, 6-7, Johnson IN) |
| 9912 | 0005 | (D) Tamil mx, tx. (332, 6-28, Bryan CA) FL) |
| 11620 | 2025 | (D) EE cmt. (232, //9912, 6-25, Yajko PA) (2130, 333, 6-20, Webber) |
| 15190 | 1035 | (A) EE pgming. (433, Reed Japan) |

INDONESIA, REPUBLIC OF

Voice of Indonesia

| | | |
|-------|------|--|
| 11790 | 0905 | EE pgming. (333, Reed Japan) (0935, 243, 6-27, Bryan CA) (1400, 452 fading, 7-5, Thornton CA) (lang, 232, 6-15, Koonan CA) |
|-------|------|--|

IRAN

Voice of Iran

| | | |
|-------|------|--|
| 15084 | 1339 | (K) mx, tx. (242, 6-14, Bryan CA) (Farsi, 1620, 343, 7-7, Rowell WA) (0258, 6-17, 353, Earhart PA) |
|-------|------|--|

ISRAEL, STATE OF

Israel Broadcasting Authority

| | | |
|--------|-------|--|
| 9009 | 2003 | EE pgming. (241, 6-23, Rosinski PA) (2012, 333, 6-25, Yajko PA) |
| 9915 | 2000 | EE nx, cmt, Israel Parade. (444, 7-6, Thompson NM) |
| 11600 | *2200 | Heb nx. (444, 6-25, Green TX) |
| 11602t | 2135 | Heb tx, phone call. (353, 6-8, Earhart PA) |
| 11625 | 2200 | FF nx. (444, 7-6, Rowell WA) (2300*, 444, 6-28, Reynolds TN) |
| 11642 | 2015 | EE DX Corner. (343, 6-27, Johnson IN) |
| 11645 | *2000 | EE IDs, freqs, nx. (343, 6-6, Kaufman CA) (2000, 6-9, 433, Chorpensing OR) (2000, 433, 6-9, //9815, Stephenson CA) (2000, 343, 7-4, Reynolds TN) (2000; 422, 7-6, Rowell WA) (2000, 343, 7-12, Hilliker CA) (2022, 333, 6-25, Goodman IA) (2245, 444, 6-7, Getzel NY) (2245, 333, 6-11, May OH) (2300*, 444, 6-25, Green TX) |
| 1655 | 1200 | EE nx. (232, 6-26, Zilmer WI) (FF, 1230, 343, 6-20, Yajko PA) |
| 2045 | 0502 | EE nx, tx. (232, 6-27, Johnson IN) |
| 5100 | 2100 | RR zingy IS (a different one). (444, 7-5, Reynolds TN) (1200, 443, 6-20, Webber FL) |
| 5485 | 1208 | EE nx. (434, //15100, 6-20, Yajko PA) (1850, Heb, 232, 6-24, Koonan CA) (2245, EE, 443, 6-25, May OH) |
| 5512 | 0548 | Heb "If I Were a Rich Man" (222, 6-21, Johnson IN) |
| 5540 | 2240 | EE cmt, nx. (444, 6-24, Yajko PA) PA) |
| 7685 | 0350 | RR jammed tx. (322, 6-14, Bryan CA) (1215, EE, 343, 6-15, Earhart) |

AFAN

Radio Japan

| | | |
|------|-------|--|
| 5990 | 1200 | EE nx, cmt. (343, 7-7, Thompson NM) |
| 9505 | 0703 | EE nx, ID. (424, 6-13, Smithhisler OR) (1600, 343, 7-10, Gre-nier CA) (1615, 343, //9585, 6-21, Yajko PA) (1617, 444, 7-10, Wood OR) (1700, 343, 7-6, Thompson NM) |
| 9585 | 1602 | EE nx. (444, 6-10, Kaufman CA) |
| 9670 | 1018 | EE tx on exports. (444, 6-11, Taylor CA) |
| 1705 | 1645 | EE tx, clear ID. (212 QRN, 5-20, Brookwell CA) |
| 1780 | *1200 | VV nx. (242, 6-20, Yajko PA) OR) |
| 1815 | 1203 | EE nx, cmt. (232, 6-24, Johnson IN) (1712, 444, 5-22, Wood PA) |
| 1875 | 1000 | EE nx. (444, 6-11, Taylor CA) |

ASIA - OCEANIA

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1801 Exposition Blvd.
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AUSTRALIA, COMMONWEALTH OF

Radio Australia

- 5995 0943 (L) EE pop mx. (444, 6-11, Taylor CA) (1030, 433, 6-20, Yajko PA)
6005 1005 (L) EE nx, countdown. (433, 6-21, May OH) (1300, 333, 5-24, Thompson NM)
7220 1045 (S) EE pop mx. (434, //7235, 6-20, Yajko PA)
7290 0950 (S) EE top ten mx. (444, 6-11, Taylor CA)
9515 0645 (S) EE mx, nx. (424, 6-13, Smithhisler OR) (0720, 444, 7-2, Rowell WA) (0735, 333, 6-14, Johnson IN) (1130, 232, 6-20, Yajko PA)
9530 0715 (S) "All about Boomerangs" (433, 6-27, Webber FL)
9570 0730 (S) EE mailbag. (444, Leffler NY)
9580 1100 (S) EE nx, mx, pol. (443, 6-19, Webber FL) (1127, 444, 6-20, Yajko PA) (1204, 444, 6-27, Worob TX) (1210, 232, 6-16, Fischer CT)
9770 1055 (S) EE pop mx. (333, 6-20, Yajko PA)
11725 2100 (S) EE nx. (322, 6-14, Kaufman CA)
11780 0326 (S) EE mx, nx. (242, 7-2, Johnson IN) (0420, 343, 7-4, Earhart PA) (0430, 343, 6-2, Thompson NM) (0445, 243, 6-16, Fischer CT) (0540, 444, 6-9, Getzel NY) (0540, 433, 6-27, Goodman IA)
11790 0330 (S) EE pgming. (333, many //s, 6-9, Chorpensing OR)
11845 0500 (S) EE nx. (333, 5-23, Brookwell CA)
11965 1605 (S) EE nx. (333, 6-5, Grenier CA)
15160 0300 (L) EE wld nx. (343, 6-20, Yajko PA) (0434, 333, 6-29, Goodman IA) (0508, 141, 6-16, Fischer CT) (0520, 444, 7-7, Rowell WA)
15240 0330 (S) EE nx. (342, 6-21, Zilmer WI)
15290 0300 (S) EE nx, mx. (433, 6-28, Green TX) (0435, 252, 7-4, Zilmer WI) (0515, 232, 7-1, Goodman IA)
15320 *0100 (S) nx, cmt, mx. (343, 5-20, Thompson NM) (0100, 343, 6-27, Johnson IN) (0140, 333, 6-13, Hilliker CA) (0225, 6-7, 333, Goodman IA) (0243, 353, 6-30, Earhart PA) All loggings were EE.
15355 0255 (S) EE mx. (343, 6-20, Yajko PA) (0405, 343, 7-6, Grenier CA)
17850 0240 (S) EE DXers Calling. (444, 6-5, Koslöff CA)
17795 0100 (S) FF nx. (242, 7-11, Grenier CA) (0045, 343, 6-14, Bryan CA) (0100, EE, 444, 7-8, Thompson NM) (0133, 242, 6-7, Goodman IA)
17870 0307 (S) EE wld nx. (242, 6-20, Yajko PA)
Australian Broadcasting Commission
4920 0942 (E) VLM4 EE class mx. (323, 6-11, Taylor CA) (1020, 333, 6-20, Yajko PA) (333, 6-20, Koonan CA)
6090 1115 (S) VLI6 EE nx, sx, mx. (333, 6-20, Yajko PA)
9660 0710 (B) VLQ9 EE local nx. (343, 7-1, Rowell WA)
15425 0630 (P) VLM15 EE ID, mx. (433, 6-30, Chorpensing OR)
Australian Postal Service
4500 1005 VNG EE time pips. (222, 6-11, Taylor CA)

BRUNEI

Radio Brunei

- 7215 1345 EE nx, cmt. (322, 6-24, Bryan CA)

BURMA, UNION OF

Burma Broadcasting Service

- 5040 1330 Burm mx, ID, nx. (333, 6-24, Bryan CA)

CAMBODIA

Radio Phnom Penh

- 4908 1320 Camb vocal. (322, 6-25, Bryan CA)

CHINA, PEOPLE'S REPUBLIC OF

Radio Peking

- 9460 1800 GG ID, nx. (333, 6-14, Chorpensing OR)
9780 0340 This and 7120 are Albania frequencies.
9940 0000 EE nx, cmt. (434, 6-26, Green TX)

Radio Peking (continued)

- 065 2210 PP tx. (242, 6-24, Yajko PA)
- 0455 0320 SS tx. (212 VOA QRN, 6-6, Brookwell CA)
- 1290 0430 CC sing-song, tx, band mx. (222, 6-21, Brookwell CA)
- 1505 0515 CC OM/YL tx, pips. (222, 5-24, Brookwell CA)
- 1600 0400 CC vv weak under Nikolaevsk. (211, 5-20, Brookwell CA) CA)
- 1650 1500 EE tx. (443, //9860, 7-9, Thornton CA) (2117, 343, 6-16, Kaufman)
- 1660 1630 CC tx, no mx, food IS. (222, 5-20, Brookwell CA)
- 1850a 1000 lang IS, IDs. (222, 6-11, Taylor CA)
- 2120 0755 CC mixed chorus, 40. s/off. (333, 6-10, Brookwell CA)
- 0000 *0000 EE IS, anth, nx. (222, 6-17, Fischer CT) (0110, 344, 6-17, Yajko PA) (0320, 444, 5-22, Thompson NM)
- 0090 1325 CC tx. (444, 6-14, Bryan CA)
- 0095 0111 SS tx. (343, 6-17, Yajko PA) (0245, 242, 6-17, Earhart PA)
- 0670 0350 CC class mx, ID. (222, 6-15, Brookwell CA)

Provincial Station

- 0068 1222 MM tx. (333, 6-18, Bryan CA) (Huhehaote)

INDIA, REPUBLIC OF

All India Radio

- 0525 2116 (A) "Faithfully Yours", nx, mx. (222, 6-7, Johnson IN)
- 0912 0005 (D) Tamil mx, tx. (332, 6-28, Eryan CA) FL)
- 1620 2025 (D) EE cmt. (232, //9912, 6-25, Yajko PA) (2130, 333, 6-20, Webber)
- 0590 1035 (A) EE pgming. (433, Reed Japan)

INDONESIA, REPUBLIC OF

Voice of Indonesia

- 0790 0905 EE pgming. (333, Reed Japan) (0935, 243, 6-27, Eryan CA) (1400, 452 fading, 7-5, Thornton CA) (lang, 232, 6-15, Koonan CA)

IRAN

Voice of Iran

- 0084 1339 (K) mx, tx. (242, 6-14, Bryan CA) (Farsi, 1620, 343, 7-7, Rowell PA) (0258, 6-17, 353, Earhart PA)

ISRAEL, STATE OF

Israel Broadcasting Authority

- 0009 2003 EE pgming. (241, 6-23, Rosinski PA) (2012, 333, 6-25, Yajko PA)
- 0015 2000 EE nx, cmt, Israel Parade. (444, 7-6, Thompson NM)
- 600 *2200 Heb mx. (444, 6-25, Green TX)
- 602t 2135 Heb tx, phone call. (353, 6-8, Earhart PA)
- 625 2200 FF nx. (444, 7-6, Rowell WA) (2300*, 444, 6-28, Reynolds TN)
- 642 2015 EE DX Corner. (343, 6-27, Johnson IN)
- 645 *2000 EE IDs, freqs, nx. (343, 6-6, Kaufman CA) (2000, 6-9, 433, Chorpensing OR) (2000, 433, 6-9, //9815, Stephenson CA) (2000, 343, 7-4, Reynolds TN) (2000; 422, 7-6, Rowell WA) (2000, 343, 7-12, Hilliker CA) (2022, 333, 6-25, Goodman IA) (2245, 444, 6-7, Getzel NY) (2245, 333, 6-11, May OH) (2300*, 444, 6-25, Green TX)
- 655 1200 EE nx. (232, 6-26, Zilmer WI) (FF, 1230, 343, 6-20, Yajko PA)
- 0045 0502 EE nx, tx. (232, 6-27, Johnson IN)
- 100 2100 RR zingy IS (a different one). (444, 7-5, Reynolds TN) (1200, 443, 6-20, Webber FL)
- 485 1208 EE nx. (434, //15100, 6-20, Yajko PA) (1850, Heb, 232, 6-24, Koonan CA) (2245, EE, 443, 6-25, May OH)
- 512 0548 Heb "If I Were a Rich Man" (222, 6-21, Johnson IN)
- 540 2240 EE cmt, nx. (444, 6-24, Yajko PA) PA)
- 685 0350 RR jammed tx. (322, 6-14, Bryan CA) (1215, EE, 343, 6-15, Earhart)

JAPAN

Radio Japan

- 0990 1200 EE nx, cmt. (343, 7-7, Thompson NM)
- 0505 0703 EE nx, ID. (424, 6-13, Smithhisler OR) (1600, 343, 7-10, Grenier CA) (1615, 343, //9585, 6-21, Yajko PA) (1617, 444, 7-10, Wood OR) (1700, 343, 7-6, Thompson NM)
- 585 1602 EE nx. (444, 6-10, Kaufman CA)
- 670 1018 EE tx on exports. (444, 6-11, Taylor CA)
- 705 1645 EE tx, clear ID. (212 QRN, 5-20, Brookwell CA)
- 780 *1200 VV nx. (242, 6-20, Yajko PA) OR)
- 815 1203 EE nx, cmt. (232, 6-24, Johnson IN) (1712, 444, 5-22, Wood
- 875 1000 EE nx. (444, 6-11, Taylor CA) (5)

SINGAPORE, REPUBLIC OF

Radio Singapore

5052 1325 EE mx. (322, 6-24, Bryan CA)
 11940 1530 EE nx, orch mx, vocals, IDs. (343, 7-7, Thompson NH)

SOLOMON ISLANDS

Solomon Islands Broadcasting Service

5020 0700 EE IDs, nx. (422 much QRN, 6-16, Chorpenning OR)

SULAWESI

Radio Republik Indonesia

4719 1237 Ujung Pandang II nx, ad, mx. (433, 6-18, Bryan CA)

SUMATRA

Radio Republik Indonesia

4764 1245 Medan II tx, mx, ID. (333, 6-18, Bryan CA)

SYRIAN ARAB REPUBLIC

Radio Damascus

9585 2048 AA mx, tx. (322, 6-20, Bryan CA)

SRI LANKA, REPUBLIC OF

Sri Lanka Broadcasting Corporation

9720 1625 EE tx, mx, pgm notes, ID. (222, 6-19, Koonan CA)
 15425 1300 EE ID, TC, nx. (333, 6-14, Bryan CA) (0210, 232, 6-15, Johnson IN) Yes, I realize that this entire country was one big missort, but remember I've been on vacation!

TAHITI

Radio Tahiti

6135 0445 FF native mx. (333 stronger than other freqs, 6-25, Brookwell CA)
 11825 1645 Tah mx. (322, 6-13, Stephenson CA) (1935, FF, 333, 6-26, Wood OR) (0300, Tah, 443, 0300, Webber FL) (0300, 434, 6-26, Green TX) (0405, 433, 6-15, Cady IL) (0415, 444, 6-22, Kosloff CA) (0505, 444, 7-8, Grenier CA) (0555, 343, 7-1, Goodman IA) (0700, FF, 333, 6-7, Brookwell CA)
 15170 0232 FF tx. (444, 6-15, Bryan CA) (0300, Tah, 343, 6-30, Thompson NH) (0320, FF/Tah, 242, 6-18, Goodman IA) (0405, 343, 6-24, Johnson IN) (0415, 443, 6-27, Fischer CT)

TAIWAN

Voice of Free China

11825 1920 EE "Let's Learn CC" (333, 6-26, Wood OR)
 11860 1842 FF tx. (333, 5-20, Brookwell CA)
 15345 1920 EE cmt, ID, freqs, off. (423, 6-23, Smithhisler OR)
 17890 1831 EE ID, nx. (232, 6-13, Bryan CA) (0203, 443, 6-11, Hilliker CA) (0203, 232, 6-24, Kaufman CA)

THAILAND

Radio Thailand

9655 0959 Thai mx, tx, ID in EE. (333, 6-27, Bryan CA)

TURKEY

Voice of Turkey

9515 2215 EE mx, tx. (444, //11880, 6-20, Webber FL) (2225, 332, 6-16, Fischer CT) (2241, 434, 7-6, May OH) (0004, 433, 6-23, Yaiko FA)
 11880 *2200 EE nx, Press Review, mx. (232, 6-15, Johnson IN) (2200, 434, 6-27, Green TX) (2230, 333, 6-11, May OH) (2235, 232, 6-13, Rosinski PA) (2338, 333, 6-22, Kaufman CA) (0000, 544, 6-21, Kokinda OH) (0015, 333, 6-15, Hilliker CA) (0021, 343, 6-17, Yaiko FA) (0029, 322, 6-21, Bryan CA) (0400, 444, 7-7, Rowell WA)

VIETNAM, SOCIALIST REPUBLIC OF

Voice of Vietnam

10040 1023 EE mx, cmt. (333, 6-11, Taylor CA) (1344, 333, 6-18, Bryan CA) (1800, 111 much QRN, 6-20, Chorpenning OR)
 15012 1814 EE nx. (343, 6-15, Kaufman CA) (1815, 332, 6-15, Hilliker CA) According to Stuart Taylor, Socialist Republic of Vietnam is the official new name of unified Vietnam. SO, if it turns out to be wrong, you know who to blame. Jus' kiddin', Stu!

UNIDENTIFIED

11790 1550 lang South Sea mx, ID. (211, 6-4, Brookwell CA)
 11935 0520 FF OM tx, rock mx, mx at 0830, DJ show, TC at 0900. (0520, 222, Brookwell CA)
 15245 1820 AA mostly Koran readings, chanting. (343, 7-4, Rowell WA)

I got a bigger batch of loggings than I thought I would after being on vacation, and thanks go to these fine reporters...

| | | |
|-------------------|------------------------------|-----------------------|
| Larry Brookwell | San Diego, California | Collins R-390A |
| Tim Bryan | Tracy, California | Drake SPR-4 |
| George Cady | Chicago, Illinois | Drake SPR-4 |
| Ken Chorpennig | Hillsboro, Oregon | Realistic DX-160 |
| Kenneth Earhart | Allentown, Pennsylvania | Allied SX-190 |
| John Fischer, Jr. | Hartford, Connecticut | Allied SX-190 |
| Art Getzel | Flushing, New York | - |
| Joel Goodman | Ottumwa, Iowa | Realistic DX-150A |
| George Green | Houston, Texas | Realistic DX-160 |
| Pete Grenier | Azusa, California | Realistic DX-150A |
| Tim Hilliker | Anaheim, California | Barlow Wadley XCR-30 |
| Chester Johnson | Alexandria, Indiana | SW-4A//XCR-30 |
| Vernon Kaufman | Costa Mesa, California | Realistic DX-160 |
| John Kokinda | Marblehead, Ohio | - |
| Tack Koonan | Los Angeles, California | Drake SPR-4 |
| Robert Kosloff | Santa Monica, California | Realistic Astronaut 8 |
| Irving Leffler | Brooklyn, New York | Realistic DX-160 |
| Ronald May | Cincinnati, Ohio | Oceanboy 1000//BC-34E |
| Al Reynolds | Old Hickory, Tennessee | Drake SPR-4 |
| Francis Rosinski | Ferryopolis, Pennsylvania | - |
| Sam Rowell | Git Harbor, Washington | Realistic DX-160 |
| Phil Smithhisler | Portland, Oregon | Drake SPR-4 |
| Norman Stephenson | Long Beach, California | Drake SPR-4 |
| Stuart Taylor II | Pleasanton, California | Heathkit GR-78 |
| Glenn Thompson | Deming, New Mexico | Hammarlund HQ-145A |
| Jim Thornton | Venice, California | Drake SPR-4 |
| Robert Webber | Fompano Beach, Florida | Drake SPR-4 |
| Dennis West | Mountain View, California | - |
| Tracy Wood | Hillsboro, Oregon | Hallicrafters SX-110 |
| Philip Worob | Austin, Texas | Realistic DX-160 |
| Robert Ya'ko | West Leechburg, Pennsylvania | Drake SPR-4 |
| Robert Zilmer | Milwaukee, Wisconsin | Drake SPR-4 |
| Don Reed | Tokyo, Japan | - |

Thanks go the entire gang of 33 that took a couple of minutes to help support this phase of the bulletin. And, of course, special thanks to first time reporters and/or returnees: George Cady, Art Getzel, John Kokinda, Francis Rosinski, and Dennis West. Without further ado, it's time for...

DX JUNK BOX

Once again I'd like to tell Jim Thornton how much I appreciate his filling in for me in my 'time of need', hi! While I was gone, things were fairly routine, except for some major broadcaster in the South Pacific quitting and then coming out of retirement about two or three weeks later; oh well. Even though Jim was the editor last month, I am counting those loggings in my never ending quest for 10,000 reports. AND, the Vernon Kaufman logging of Voice of Vietnam last month was my 3,000th. Thanks go to all 95 reporters who have contributed something since last October. And now a bit of sad news I was hoping it was possible, but I didn't attend the ANARC convention. Maybe next year. (By the way, it won't be in Austin.) Once again, a few overlooked loggings:

Australia-RA (S)-11860-0532-EE pgming. (344, 6-11, Rosinski PA)
 Japan-FEN-3910-1029-EE pop mx. (333, 6-11, Taylor CA) Sorry, you two.

Remember, I'm only human... (I think). I was spending this Fourth of July in Washington, DC, supposedly watching the fireworks display, but no one on the Virginia side of the Potomac could see anything, or at least where we were. If any of you out there are having a drought, move to Austin. It's rained here for the past 17 days (beginning July 1), but today (July 18) looks like the first sunny day with no rain since this month started. Yes, you're right, I am just making a little conversation, because I have a couple of lines left. But now I've run out of room so goodbye until nest time! ⑨

Commentary by Roger Legge, continued:

11750 Lvov 2300-0030; 11735 Vinnitsa, 2300-0130; 9720 Kenga, 2300-0500; 9700 Moscow, 0130-0400; 9685 Moscow, 0130-0500; 9655, Orsha, 2300-0500; 9600 Moscow, 0400-0500; 9530 Moscow, 0100-0500; 9500 Moscow, 0230-0500.

"9720 listed & QSLed as Kenga, but is...a European site tx. The real Kenga is believed to be on 9505 with NA Svce., but is not audible here due to QR^M on channel.

"The actual sites of all these transmitters appear to be in southern Europe (Ukraine and Bulgaria), none as far north as Moscow, Kaunas, or Orsha. The xmitter which can be identified by considerable hum is listed on 11770 as Kiev, but becomes Moscow when it moves to 9685. Propagation characteristics indicate a Ukraine site, believed to be at Simferopol.

"The 11750/9530 xmitter is believed to be at Plovdiv, Bulgaria (500KW), same site as 9745 which xmits R. Moscow and R. Sofia Spanish.

"Sites for Far East relays for W. NA are Petropavlovsk-Kamchatsky 9710/12020/15210/17720; Khabarovsk 11720/12050/15100. Vladivostok 9635. Chinese Service: Petropav. 15180; Vladiv. 11830. These are IFRB/QSL sites. Actual sites somewhat different for some frequencies, but all in Soviet Far East.

"Freqs./Sites for Eng to Great Brit/Ireland 2100-2230: 7390 Moscow, 9550 Moscow (to 2200), 9610 Tula, 9720 Riazan, 11805 Tbilisi.

"Sp. to Cuba/C.Am.: 2330-0400: 9470, 9600 Moscow 0200-0400; 9610 Tula, 9745 Moscow, 9760 Tbilisi, 11790 Riazan, 11805 Tbilisi.

"Sp/Port to S. Am. 2200-0400: 9480, 9490 Moscow, 9710 Frunze, 9775 Michurinsk, 9795 Serpukhov, 9810 Moscow, 11710 Tbilisi, 11830 Moscow, 11860 Gorky, 11900 Lvov (to 0100), 12010, 12020.

"Russian to the Americas 2200-0300: 7150 Lvov, 7360 Moscow (to 0030), 7420, 9785, Zhigulevsk; 9800 Armavir, 11920 Moscow, 12000 Tula (from 2330), 12070 (from 2330)"

Roger also makes a point about the fact that when one listens to Radio Vilnius or Radio Kiev, for example, one is not necessarily listening to Lithuania or the Ukraine. He notes, in reference to the frequency/site list of European xmitters on Radio Moscow NA Service, the list with which this disquisition began:

"During the 0030-0100 break in Radio Moscow English, these xmitters carry R. Kiev: (11735 Vinnitsa, and 11850 same); Radio Vilnius (9655 Orsha, 9720 Kenga, and 11770 Kiev), or Radio Moscow Spanish (11870 Kaunas)"

The result of all this is, in my opinion, just a very exciting xmitter chase. It seems to be impossible to even believe a QSL site, since propagation characteristics preclude the site which R. Moscow is QSLing, in some cases. I will try to follow the latest information I have in determining what frequencies belong in which continent and republic for this column. Loggings now follow, and thanks to Roger for his information.

ASIAN U.S.S.R.: ASIAN R.S.F.S.R.

5015 1348 Rus; Vladivostok, YL vocal, OM enrc; (444; 5-11. JB-CA)

9500 0400 Rus/Lang; assorted programs, local ID; R.S. Unik px@ 0800; (333; 7-6. LB-CA)

9720 0101 Eng; s/on, nx; (333; 6-27. GSB-IL)(0405; 433; 5-17. JB-CA)(As shown in the letter above, this is prob. in S. Europe but officially is Kenga. Ed.)

11720 0100 Khabarovsk, Eng; nx, ID's, cmts' (444; 6-2. GT-NM)

11825 0600 QTH?; Rus; Radio Moscow; IS thru Tahiti; (222; 6-7. LB-CA)

11940*0700 Krasnoyarsk?; Chin; RM; OMM tx hrd over mx; (222; 7-2. LB-CA)

11970 0725 Vladivostok?; Chin; RM; YL tx, oriental mx; RM IS @0730 (222; 7-2. LB-CA)

12050 0307 Khabarovsk; Eng; Radio Kiev; Ukrainian Panorama; (444; 7-3. KC-OR)(0330; Radio Moscow; 333; 702. KC-OR)

12125.8 0810 QTH?; Rus; RM IS @0830; YL&OM tx; poor (211; 6-10. LB-CA)

15100 0030 Khabarovsk; Eng; Radio Kiev; ID, freqs; nx,cmt; (343; 7-1. GT-NM)

15150 2345 QTH?; Rus; RM IS @ 2330, 2355* (211; 6-13. LB-CA)

15320 0240 QTH?; Eng; nx (232; 7-2. RK-CA)

15505 0300 QTH?; Rus; Kiev IS, ID unclear; (222; 6-15. LB-CA)

17720 2230 Petropav.-Kam; class, vocal mx; ID; (343; 6-13. Rus; JB-CA)

EUROPEAN U.S.S.R.-Byelorussian S.S.R.

9655, 0038 Orsha (officially); Review of week's events; (544; 7-4. RK-NJ)(0450; RM; 444; 7-4. RM-OH)

European R.S.F.S.R.

9500 0240 Moscow?; Eng; RM; mx,tx; (333; 7-4. JG-IA)

9610 0315 Tula?; Eng; R. Kiev; nx, interview, (353; 6-30. KAE-PA)

Georgian S.S.R.

11805 0150 Tbilisi, Sp; Radio Moscow; nx, features to S.A., 0200* (—; —; JF-CT) Ukrainian S.S.R.

7205 0030 Kiev?; Eng; Radio Kiev; nx, propaganda; (343; 7-6. RK-NJ)

11735 0025 Vinnitsa?; Eng; R. Moscow; tx about doctors; (343; 6-17. RY-PA) (444; //11850 433; 6-15. JG-IA)

UNION OF SOVIET SOCIALIST REPUBLICS, continued

EUROPEAN U.S.S.R., UKRAINIAN S.S.R., continued

- 11735 0059 Eng; mx, ID, freqs., s/off, Rødio Kiev (322; 6-21. JB-CA)
 11770 0056 Kiev?; Eng; Rødio Vilnius, s/off (433; 6-20. RY-PA)
 11850 0030 Vinnitsø?; Rødio Kiev; Eng; ID, s/on, nx; (343; 6-17. JF-CT)(2305; RMoscow; 444; 6-21. KVZ-WI)
 15455 1130.Simferopol, R.S. Atlantika; Russian, class mx, then "sounded like a Borah Minovitz Harmonica Band" (444; 6-22. RW-FL)(1305; 242; 6-14. JB-CA) (1700; 454; 6-16. JF-CT)(212; 6-14. LB-CA)

EUROPE

ALBANIA-Rødio Tirana

- 6200 0255 Eng; s/off; (222; 6-27. KC-OR)(433; 6-29. RM-OH)
 7300 0157 Eng; OM ID, IS; (232; 6-19. JB-CA)(0240; 343; 6-2. GT-NM)
 9750 0000 Eng; nx ; (454; 5-6. RK-TN)(434; 6-28. GG-TX)(433; 6-25. TK-WI)
 11985 1106 Eng; cmt; (333; 6-20. RY-PA)
 Rødio Peking Relay
 9780 0106 Eng; nx, ID, Jammed by Hi-Freq. squeal, not het (422; 6-6. GSB-IL) (0340; 232; 6-29. JG-IA)

AUSTRIA-ORF

- 9770 0130 Eng; s/on, nx; QRM ended @0133 (423; after 0133 444; 6-29. RM-OH)(322; 5-10. JB-CA)(333; 6-6. GSB-IL)(0230; 333; 6-19. JB-CA)(0345; 332; 6-28. KAE-PA)
 15235 1830 Eng; Rpt de Aust; (232; 7-5. RZ-WI)
 15435 2150 Sp/Ger; mx, tx to 2157, then IS to 2159, ID in Ger (454; 6-9. KAE-PA) (433; 6-13. RZ-WI)

BELGIUM-BRT-RTB

- 9725 0015 Eng; OM, s/on In Eng; (422; 5-14. JB-CA)(433; 6-26. RM-OH)(443; 6-21. RW-FL) (343; 6-7. KAE-PA)(333; 6-25. TK-WI)(333; 6-17. RY-PA)(333; 6-12. GSB-IL)
 11940 1800 Eng; rock mx, OM ID, s/off (343; 6-27. JB-CA)

BULGARIA-Rødio Sofia

- 9700.0000 Eng; nx (433; 6-25. GG-TX)(444; 7-1. KAE-PA)(444; 5-6. RK-TN)(0400; 333; GT-NM)(343; 6-15. CJ-IN)(444; 6-7. VK-CA)(443; 6-20. JB-CA)(444; 6-12. RM-OH) (433; 5-13. JB-CA)(1933; 343; 6-20. RY-PA)(2145; 343; 7-8. KAE-PA)
 15310 2100 Eng; nx,cmt,mx; (322; 6-28. RZ-WI)
 17825 2115 Eng; cmt; (333; 6-24. RY-PA)

Rødio Moscow Relay, Plovdiv

- 9530 0120 Eng; Rus. mx; (433; 6-17. RY-PA)(0210; 222; 7-4. JG-IA)(444; 6-21. RW-FL)
 11870 0530 Eng; Education in the USSR (333; 7-4. LB-CA)

CYPRUS-BBC Relay, Limassol

- 7140 0230 Persian, mx, OM tx, s/off; (322; 6-25. JB-CA)
 11740 0345 Arb; s/on, into Arb mx; (222; 6-26. LB-CA)
 15420 1509 Eng; QRM AFRTS 15430; Rødio nxreel, mx; (222; 6-27. CJ-IN)
 17885 0926 Eng; nx; (333; 6-19. VK-CA)

CZECHOSLOVAKIA-Rødio Prague

- 5930 0100 Eng; nx, Sunday Mag (454; 5-17. RK-IN)(433; 6-18. RY-PA)(0326; 543; 7-4. RM-OH)
 7345 0048 Czech, story of a Chilean prisoner of war, IS, into English, used same encr for both languages (443; 7-7. RK-NJ)(454; 7-1. KAE-PA)(0237; 343; 6-19. JB-CA) (333; 5-15. GT-NM)(0330; 322; 6-14. NS-CA)
 9540 0107 Eng; nx about C-S (434; 6-17. RY-PA)(443; 6-21. RW-FL)(333; 5-10. JB-CA) (333; 6-20. LB-CA)(0200; 222; 6-26. JG-IA)(0300; 433; 6-16. JF-CT) (444; 6-17. CJ-IN)
 11990 0120 Eng; folk mx; (343; 6-19. TK-WI)(444; 6-17. RY-PA)(0322; 222; 6-22. KC-OR) (333; 6-7. RK-NJ)(1745; 232; 6-17. CJ-IN)(2130; 343; 6-16 RM-OH)

DENMARK-Rødio Denmark

- 15165 1329 Danish; IS, s/on, ID In Eng; (333; 6-14. JB-CA)

FINLAND-Rødio Finland

- 9550 0300 Eng; IS, om, S/on, QRM Havana 0301; (432; 6-21. JB-CA)
 15110 1330 Eng; letterbox (332; 7-4. RZ-WI)(1402; 233; 6-17. KVZ-WI)(333; 6-16. CJ-IN) (1600; 232; 5-31. JB-CA)

FRANCE-Rødio France International

- 9525 0550 Fr; YL mx, ID 0550; (333; 6-27. PW-TX)
 11735 0605 Fr; nxcst; (333; 6-25. LB-CA)
 15155 1632 Eng; PøCA; competition (343; 6-11. RM-OH)
 15200 1605 Eng; PøCA (434; 6-20. RY-PA)
 15210 1840 Fr; Rock mx, ID; (343; 6-20. JB-CA)
 15300 1600 Eng; Afr. nx, letterbox; (443; 6-24. RW-FL)
 15315 1535 Fr; sx; (333; //15300 222; 5-9. JB-CA)
 15385+1232 Fr; mx, not RCI (454; 6-9. KAE-PA)
 17720 1612 Eng; PøCA; (434; 6-20. RY-PA)(6-22. 222. LB-CA)

FRANCE-Radio France International, continued

17780 1438 Fr, tx, choral # (343; 7-2. KAE-PA)(1610; 443; 6-11. RM-OH)

GERMANY, DEMOCRATIC REPUBLIC OF-Radio Berlin International

9730*0100 Eng; nx, QRM VOA 9725; (322; 6-12. GSB-IL)(333; 6-17. RY-PA)(422; 6-21. RW-FL)(0305; 422; 5-27. JB-CA)

11840 0407 Eng; cmt, into Ger @0415 (545; 6-29. RM-OH)

11890 0350 Eng; nx, ~~mx~~ tx; (343; 6-22. KVZ-MI)(433; 6-7. KC-OR)(333; 7-4. LB-CA)

11892m0330 Eng; nx, to N.A. (off freq) (433; 6-26. RZ-WI)

15125 1215 Eng; cmt; (242; 6-20. RY-PA)

GERMANY, FEDERAL REPUBLIC OF-Deutsche Welle

6010 0300 Ger; IS, nx; (333; 702. RK-CA)

6040 0128 Eng; IS, ID, nx, mx; (444; 7-1. GT-NM)(434; 6-18. RY-PA)

6075 0128 Eng; IS, nx; tx; (454; 7-3. GT-NM)(444; 7-3. CJ-IN)(434; 6-25. GG-TX)

7285 0156 Eng; political tx; (433; 6-22. RY-PA)

9545 0345 Sp; px to LA, mx; (222; 6-24. LB-CA)(2130; 232; 6-19. GSB-IL)

9605 0225 Ger; mx; (323; 6-26. JG-IA)

9700 0125 Ger; jazz, (433; 6-19. JB-CA)

9735 0120 Ger' mx; QRM after 0130 (222; 6-11. JG-IA)

9765 0500 Eng; mx, ID, cmt; (422; 5-13. JB-CA)

11830 0730 Japanese, tx, DX px ?? (222' 6-7. LB-CA)

11850 1000 Eng; nx, cmt, mx; (242; 7-6. RZ-WI)

15150 1945 Eng; Afr. svce, unlisted in WRTH (322; 6-14. NS-CA)(333; 6-7. CJ-IN)

15185 2056 Eng; to Afr; nx; (333; 6-8. RM-OH)

Radio Free Europe

11885 0520 Czech, tx, weak; (212; 7-4. LB-CA)

GREAT BRITAIN-BBC

5975 0404 Eng; nx; (333; 6-26. JG-IA)

6010 0400 Eng; IS, ID, nx; (434; 6-16. RK-CA)

9410 0030 Eng; px on Bicentennial (433; 6-29. KC-OR)(0115; 444; 6-25. GG-TX)(0230; 444; 5-22. GT-NM)(0455; 6-30. PW-TX)(0545; 222; 7-5 LB-CA)

9510 0129 Eng; cmt on Antarctica (What can the BBC possibly find to comment on about Antarctica? Ed.) (433; 5-8. JB-CA)(0310; 443; 7-2. JG-IA)

9825 0349 Arb; chanting, tx mx; (222; 7-3. JG-IA)

9915 0300 Eng; nx, etc. (343; 5-27. GT-NM)

11680 0440 Arb; tx; good ID; (222; 6-21. LB-CA)

11750 0625 Eng; tx on Hong Kong; (333; 6-26. LB-CA)(232; 6-23. JG-IA)

11935 0535 Eng; nuclear fusion (343; 6-26. KAE-PA)

15070 2020 Eng; Letterbox; (343; 6-13. JG-IA)

17695 1504 Eng; OMM nx, cmt; (---; 6-13. JB-CA)

GREECE-Voice of Greece

9760 0215 Eng; nx, mx; (433; 6-29. GSB-IL)

17760 2058 Lng; OM tx, s/off, flute IS; (222; 6-13. JB-CA)

Voice of America Relay, Kavala

9770 0345 Eng; jazz px; (332; 353 after ORF s/off; 6-28. KAE-PA)(0451; 433; 5-13. JB-CA)

HUNGARY-Radio Budapest

6000 0305 Eng; nx, request px; (434; 6-29. RM-OH)

7215 0210 Eng; nx, stories; (434; 6-18. RY-PA)(0400; 333; 6-19. CJ-IN)

9833*0200 Eng; s/on, into nx; (333; 6-25. RY-PA)(343; 6-2. GT-NM)(0317; 322; 7-3. JG-IA)(444; 6-27. GG-TX)(432; 5-13. JB-CA)

11910 0200 Eng; nx, (433; 6-23. RZ-WI)(433; 6-17. RY-PA)

15220 0030 Hungarian; IS, mx, s/on (322; 6-16. JB-CA)

15415 2130 Eng; nx (322; 7-3. RZ-WI)

ITALY-RAI

9575 0100 Eng; nx about election (433; 6-21. RW-FL)(333; 6-17. RY-PA)(433; 6-15. VK-CA)(433; 5-14. JB-CA)(2230; 343; 6-15. RM-OH)

11810 0110 Eng; cmt; (444; 6-15. JG-IA)

15240*2230 Sp; to C. Am. (433; 6-24. RY-PA)

15400 1850 It; OM tx; (332; 6-20. JB-CA)

LUXEMBOURG-Radio Luxembourg International

6090 2345 Ger/Eng; Webesh Cannonball (443; 6-30. RW-FL)(0050; 343; 6-17. RY-PA)

MALTA-Radio Mediterranean station Cyclops

6100*0130 DW, Eng; nx, cmt; (434; 6-25. GG-TX)(222; 6-12. VK-CA)(432; 5-25. JB-CA)

11865 0150 DW, Eng; OM ID, s/off, IS (322; 6-24. JB-CA)

11905 2258 DW, Ger, QRMing RSA (232; 6-29. KAE-PA)

THE NETHERLANDS-Radio Nederland

9715 2130 Eng; nx, mx (433; 6-23. RW-FL)(232; 6-19. GSB-IL)(2203; 444; 7-7. RK-NJ)(454; 6-30. KAE-PA)(444; 6-16. RM-OH)

11730 1856 Eng; Asian DX Report; (333; 6-24. RM-OH)(2150; 6-8, 222. KC-OR)

15220 1803 Dutch; OM tx, mx; (242; 5-16. JB-CA)

21635 1800 Dutch; ID, class mx; (343; 6-13. JB-CA)

NORWAY-Radio Norway

9645 0330 Norw/Eng; class mx,nx; (333; 6-6. NS-CA)(0407; 444; 5-13. JB-CA)
 11815 0200 Eng; nx, tx on summer (443; 6-7. RK-NJ)
 11850*0200 Eng; nx, Norway this Week (433; 6-27. GG-TX)
 11860 2326 Norw; singing; (333; 6-29. KAE-PA)
 11870 0606 Eng; NTW, nx, What Makes Norway Tick (232; 6-21. CJ-IN)
 15175 0145 Norw; OM tx,mx; (433; 6-15. JB-CA)(1400; 444; 7-6. RK-NJ)(*1600; 333; 6-27. CJ-IN)(2200; 433; 6-13. RZ-WI)

POLAND-Polish Radio

6185 0210 Eng; nx,cmt,mx; (323; 6-17. JF-CT)
 9675 0207 Eng; nx (322; 6-16. RZ-WI)
 11815 0200 Eng; s/on, w/ freq. ancmts; (443; 6-17. JF-CT)(434; 6-17. RY-PA)(443; 6-19. RK-NJ)(0230; 433; 6-28. RW-FL)(0300; 0335*; 343; 6-8. RK-NJ)(333;6-13. CJ-IN)(322; 6-29. KC-OR)
 15120 0218 Eng; light mx, tx, 0230* (242; 6-21. CJ-IN)(343; 6-15. JB-CA)(343; 6-20. RY-PA)(333; 5-25/ JB-CA)

PORTUGAL-Radio Portugal

6025*0230 Eng; nx, mx; (444; 6-21. CJ-IN)(343; 6-28. GT-NM)(433; 5-10. JB-CA)(444; 6-20. RY-PA)(0506; 322; 6-21. VK-CA)(232; 6-30. PW-TX)
 11935*0230 Eng; light mx,nx; (333; 7-5. CJ-IN)(322; 7-6. RK-NJ)(434; 6-29. RM-OH)(0500; 222; 7-3. LB-CA)(Eng @0500; 343; 7-3. KAE-PA)
 17880 1723 Eng; nx of Portugol (343; 6-13. JB-CA)

Radio Trans-Europe Facility, Sines

7285 0413 DW, Bulgarian, mx, tx; (333; 5-29. GT-NM)

ROMANIA-Radio Bucharest

9570 0143 Eng; tx about food supply (434; 6-21. RY-PA)(332; 6-21. JB-CA)(0209, 323, 7-6. RK-NJ)(0400; 322; 6-29. RM-OH)(433; 5-13. JB-CA)
 11940 0403 Eng; nx; (333; 6-26; VK-OH)
 15365 1750 Eng; ID, 1755* (222; 6-16. KC-OR)

SPAIN-Radio Nacional de España

6065 0350 Eng; tx,mx; (333; 6-26. JG-IA)
 9360 0315 Sp; mx,tx; (433; 7-2. JG-IA)
 9505 2126 Lang. IS, fade-out (222; 6-19. GSB-IL)(433; 6-21. RZ-WI)(433; 6-24. RY-PA)(2218; 344; 6-4/ KVZ-MI)(322; 6-16. JR-CT)
 9630 0100 Sp; nx,mx; (333; 6-4. NS-CA)(0243; 444; 5-29. GT-NM)(0412; 333; 6-29. JG-IA)
 11775 0045 Sp; OM ID, anmts. mx; (343; 5-7. JB-CA)
 11880 0100 Eng; IDS, nx,mx; guitar mx; cmts; (444; 6-19. GT-NM)(433; 6-5. NS-CA)(444; 6-17. RY-PA)(444; 6-29. TK-WI)(0230; 433; 6-17. JF-CT)(222;6-29. KC-OR)(0320; 454; 7-1. KAE-PA)(2210; 444; 6-13. JG-IA)
 11945 2200 Sp; mx, ID; (434; 6-22. RK-NJ)
 11965 0330 Sp; tx, musicol flourishes (454; 7-1. KAE-PA)(0445; 343; 6-16. JF-CT)
 15270 0100 Sp; nx, Pres. Ford; (333; 6-3. NS-CA)

SWEDEN-Radio Sweden

9695 0128 Swedish, IDs in several langs; (222; 6-2. NS-CA)(*0230; 343; 6-11. CJ-IN)(444; 5-16. JF-CT)(333; 6-26. JG-IA)(333; 6-7. KC-OR)(2300; 422; 7-1. RZ-WI)
 11705 0100 Swedish, ID, IS; (222; 7-14. LB-CA)(0245; 444; 5-19. GT-NM)(444; 6-8. RK-NJ)(434; 6-25. GG-TX)(343; 6-22. RK-CA)(433; 7-3. RZ-WI)(433; 6-16. RM-OH)(333; 6-9. VK-CA)
 11730 0230 Eng; nx, QRN; (222; 6-10. KC-OR)
 11955 0030 Eng; s/on, nx; (343; 6-23. GSB-IL)(332; 7-2. RZ-WI)(433; 6-21. RW-FL)(322; 5-10. JB-CA)
 15120 1229 Swe/Eng; ID, QRM HCJB, poor choice of freq. by Sweden; (332; 6-24. KAE-PA)
 15305*1230 Eng; s/on, nx; panorama (242; 6-24. CJ-IN)
 17770 1358 Fr; Viennese waltz, s/off (242; 6-13. JB-CA)

SWITZERLAND-SBC

5965 0206 Eng; sx, mx; (433; 6-18. RY-PA)(0410; 0415*; 333; 6-26. JG-IA)
 6135*0145 Eng; Dofeline, cmts; Eng 0215*; (444; 6-2. GT-NM)(443; 6-22. CJ-IN)
 9725 0145 Eng; IS, ID, overridden by VOA; (222; 6-7. KC-OR)(544; 6-26. RM-OH)(0430; 444; 6-27. CJ-IN)(444; 5-13. JB-CA)(433; 6-26. JG-IA)
 11715 0104 Eng; mx,tx; (434; 6-20. RY-PA)(343; 6-6. GSB-IL)(0210; 343; 6-17. TK-WI)(222; 6-16. QRM KGEI/Voticen; LB-CA)(0430; 343; 6-15. CJ-IN)(2100;423; 6-18. RM-OH)
 15140 1345 Gerl OM ID, polka (433; 6-14. JB-CA)
 15430 0600 Ger; no ID, IS, Beerhall mx 0609, Fr @0615-0630, clobbered by NHK (Gee, we ECers could learn to like the idea of NHK clobbering instead of being clobbered, hi! Ed.)(333; 6-14. LB-CA)
 17830 1533 Eng; nx, jazz, panorama; (222; 6-27. CJ-IN)

VATICAN CITY STATE

6015 0108 Eng; rel tx; (323; 6-21. RY-PA)
 6190 2325 It; ID, evening concert (332; 6-22. RZ-WI)
 9605.0100 Eng; IS, OM ID, rel cmt; (433; 6-22. JB-CA)(444. 6-29. RM-OH)

The Americas

Editor - John Fischer, Jr.
34 Vernon Street
Apartment 307
Hartford, Ct. 06106

Deadline - Here by the 10th of the month

NEW DEADLINE: As you can see, the new deadline for this column is the 10th of the month. Soon this will become the deadline for the vast majority of the columns in this publication. The reason for this change is quite simple. Whereas previously it was possible to mail columns to the publisher in California only three or four days before his deadline via first class mail and special delivery postage, this is no longer possible because of the vast increase in special delivery rates which was scheduled to take place on July 18, 1976. For this reason columns will have to be mailed earlier in the month without special delivery postage. We hope that by making this deadline universal throughout this publication that any inconvenience to you caused by changing deadlines will be done away with.

THE USUAL SUMMER PROBLEM: About this time every year I make a plea for reporters. The summer months are particularly bad for Latin America DX and consequently the number of reports and reporters drops off drastically each summer. At first this might seem not to be a major problem, yet after careful observation one notices that the average number of reporters in the winter is around 28. In the summer this number drops to near 20. The average number of total reports in the winter is close to 450. In the summer this number drops to the mid 200's. This month only 272 reports were received. Here is the important fact. In order to compile a full 8 page column at least 400 reports are needed each month. Therefore, my plea this year is based on the above facts. Please, if you haven't reported before, or if you haven't reported in the last few months, please do so now when your reports are most needed. For those of you who have and do report, my continued thanks. You are the ones that make this column possible. I'll be waiting for your reports this month.

SPECIAL CONTEST: In order to encourage reporters for next month I will be holding a contest this month. All reports received before August 10 will be eligible. Every reporter whether new or old will be eligible. The winner, to be selected by lot will receive a copy of the VOA Frequency schedule, a 10 page document valid through early September. The winner will also receive a copy of the September through November schedule when it is available (late August). This document is oftentimes hard to obtain, as member Bill Shaw will attest to!

SPECIAL MONITORING EVENT: As announced in last month's column, a special monitoring event will take place in October at the time of the total solar eclipse. This event is being coordinated by Dr. David Weisel of the State University College, Geneseo, New York. Below is a chart of the stations, times and frequencies of the event.

| <u>Location/Station</u> | <u>Monitoring Period</u> | <u>Frequency</u> | <u>Xmitter power</u> |
|-------------------------|--------------------------|----------------------|----------------------|
| R. Tanzania | 0300 - 0500 GMT | 3339 | 10 kW |
| R. Tanzania | 0300 - 0500 GMT | 4825 & 5050 | 20/50 kW |
| Australian B.C. | | | |
| Perth | 0430 - 0730 | 9610, 15425 | 10/50 kW |
| Sydney | 0530 - 0800 | 6090 | 2kW |
| Lyndhurst | 0530 - 0800 | 15145 | 100kW |
| " | 0530 - 0730 | 15335/17370 | 100kW |
| " | 0600 - 0800 | 15190 | 250kW |
| " | 0530 - 0800 | 7500/12000 | 10kW |
| Melbourne | 0530 - 0800 | 9680, 15230, 6090 | 10kW |

MONITORING EVENT (Continued)

As can be seen from this chart, the Australian frequencies take some time to figure out exactly what stations and services are listed. Some frequencies appear not to be in use at present. Quantitative measurements (S meter units are ok if at 2-3 minute intervals) of signal strength of one or more of the above stations using antennas sensitive to only one degree of linear polarization (either horizontal or vertical) for the appropriate monitoring periods on Oct. 22, 23, and 24 1976 would be appreciated. Send chart records or other documentation to Dr. David D. Meisel, Dept. of Physics & Astronomy, State University College, GENESEO, New York, USA, 14454. Receipt will be acknowledged with a special verification as well as in an eventual publication summary.

IMPORTANT ANNOUNCEMENT: As of this point I do not know how long I will be living in Hartford. I have not yet obtained a job, and there is a good chance that when I do, a move will be involved. I do not know whether I will be able to prepare columns for Oct. and Nov. of this year. If you feel that you would be available to prepare columns in Sept. (for Oct. issue) and in Oct. (for Nov. issue), please write me. As I say, there is a good chance I will be able to do these columns, but if not, I need to have someone ready and willing to do them for me. For reasons too long to discuss here, only past reporters to this column will be eligible for this job. Experience in logging Latin American stations is helpful.

THIS MONTH'S COLUMN: As you can probably guess this month's column is a short one due to the small number of reports received. There are, however many good reports although the Brasil and Ecuador sections are very weak this time around.

LOGGINGS

All times and dates are GMT

All frequencies are in kHz

South AmericaARGENTINA

- 9690 0132 Radiodifusion Argentina al Exterior, RAE, LRA32: SS: YL, ID, OM and YL tx, mx; (433, 6/18, Bryan-CA); 0302; nx in EE; (444, 6/12, Kaufman-CA); 0306; HERE AND NOW; (343, 6/22, Bader-CA); 0314; (333, 7/1, Goodman-IA); 0340; (343, 6/12, May-OH); 0600; EE; nx; (423, 6/11, Chorpenning-OR).
- 9740 0220 R. Splendid, LRS1: SS: sx, tx, ads, mx; (332, 7/1, Zilmer-WI).
- 11710 2315 RAE, LRA35: EE: Arg. mx; (333, 6/24, Yajko-PA); 2330; tx on women in Arg. society, Olympics nx; (454, 7/1, Earhart-PA).

As announced on a June broadcast of SCDXers, Radiodif. Argentina al Exterior has initiated an English language DX program. For further details of times of this program listen to RAE's EE language broadcasts at 0300 and 0600 on 9690 kHz and 2300 on 11710 kHz.

BRASIL

- 4985 0137 R. Brasil Central, ZYF208: PP: soccer match; (333, 6/20, Yajko-PA); 0645; pop mx program; (322, 5/16, Chorpenning-OR); 0956; (222, 6/27, Worob-TX).
- 5965 2340 R. Guaiba, ZYU60: PP: tx, nx; (433, 7/2, Zilmer-WI).
- 6135 0345 R. Gauchá, PRC4: PP: mx, tx; (322, 7/1, Tannenwald-NY).
- 6155 0815 R. Cultura da Bahia, ZYN30: PP: tx, mx; (333, 6/27, Zilmer-WI).
- 9635 0148 R. Aparecida, ZYE236: PP: slow vocals, tx w/OM and YL, wiped out at 0200 by VOA s/on; (222, 7/1, Fischer-CT).
- 11780 2100 R. Nacional, PRL8: EE: nx, "Sports News"; (433, 6/21, May-OH); 2115; (222, 5/27, Waddington).

BRASIL (Continued)

- 11795 2120 R. Nacional de Brasilia, PRL?: EE: new frequency, QRM de DW, musical request program w/requests from as far away as New Zealand and New Guinea; (343, 7/6, Earhart-PA); 2145; mx, expedition nx; (432, 6/30, Zilmer-WI).
- 11865 0100 R. Clube de Pernambuco, ZYB85: PP: ads for Salvavidas (Lifesavers), echo chamber anmts, excited DJ; (222, 6/26, Brookwell-CA).
- 11935 0400 R. Clube Paranaense, ZYS35: PP: soccer game coverage; this must have been taped since it seemed awful late at night to be playing soccer; (343, 6/27, Fischer-CT).
- 17815 0035 R. Cultura de Sao Paulo, ZYE419: PP: classical mx concert; (242, 6/14, Bryan-CA).

For those of you unfamiliar with Brazilian stations and who may be scared away from listening to Brazilians due to their use of the Portuguese language, here is a partial list of easily heard Brazilians which might be useful for you in your efforts to log (and report) more stations.

- 4855 R. Clube do Para, PRC5: usually heard in the evenings here on the east coast between 0300 - 0800 GMT. This station is like most LA stations in having programs of local mx, ads, and typically "spirited IDs". These IDs are a little quicker than found on most stations. Occasionally you can hear US and British pops. IDs as follows, "A traves de R. Clube do Para."
- 4985 R. Brasil Central, ZYF208: possibly the most easily heard Brazilian on the 60 meter band. This is the same station which used to be found on the frequency of 4995 where they suffered from severe QRM de R. Barquisimeto. Programming consists of a mixture of local Brazilian numbers with some US pops. The station always IDs on the hour. Occasionally this station features live coverage of local events such as a carnival held earlier in the year. The station also features occasional birthday wishes accompanied by the playing of "Happy Birthday". Station can be heard easily in early hours GMT as well as around 0900 GMT.
- 5965 R. Guaiba, ZYU60: a fairly easily IDd station once the signal happens to make its way into your shack. This station seems to emphasize news broadcasts and interviews with people. Every 15 minutes there are 5 time pips followed by a time check and an ID of the station. This station is heard in the early hours GMT and again between 0830-0900 GMT.
- 6000 R. Inconfidencia, PRK5: this station tends to feature MOR mx, with frequent IDs and many mentions of "inconfidencia". There are also many newscasts called "R. Inconfidencia para todos de Brasil". There are also many periods when no music will be heard. At these times programs consisting of interviews and panel discussions are heard. Best time to hear this station seems to be between 2300-0130 GMT which is the time at which the 49 meter band gets very congested. Again around 0900 this station will be easily heard. The problem here will not be a weak signal but instead heavy interference.
- 6015 R. Clube de Pernambuco, ZYB85: this station is fairly easily heard when the 49 meter band is clear. Be careful not to think you are listening to this when you are really hearing R. Vaticana on the same frequency from 0030-0130. Station offers both local and EE pop mx. There are frequent IDs and many ads. Remember - listen for the ID here.
- 6035 R. Globo, ZYZ65: this is a fairly regularly reported station to most publications. This is a "typical" LA station featuring mx, interviews, and general tx. This station occasionally will be found with live coverage of soccer games. Again heard during early hours GMT as well as around 0900.

Try to log these stations this month and send me your results. A further list will be published in a future issue of SWL. Tell me, please, whether you find this type of list helpful.

- CHILE
 9565 0112 R. Nacional, CE9565: EE: nx, QRM de HCJB: (222, 6/17, Kaufman-CA); 0217; cmnt, IDs; (433, 7/4, May-OH); 0222; (222, 7/4, Goodman-IA).
 15150 0123 R. Nacional, CE1515: EE: tx on education in Chile; (343, 6/20, Yajko-PA); 0210; (333, 6/16, Bryan-CA); 0210; nx on OAS meeting; (232, 6/11, Johnson-IN); 0215; (243, 6/22, Rosinski-PA). Welcome Mr. Rosinski. I hope you continue to report.

COLOMBIA

- 4775 0642 Emis. Nuevo Mundo, HJKC: SS: LA mx, OM ancr; (333, 6/21, Johnson-IN).
 4845 0300 R. Bucaramanga, HJGF: SS: mx, ads, IDs; (433, 6/27, Green-TX).
 4945 0345 R. Colosal, HJDH: SS: IDs, mx; (222, 6/5, Waddington); 0400; (222, 6/2, Waddington); 0446; LA mx, IDs; (333, 6/20, Bryan-CA).
 4965 0355 R. Santa Fé, HJAE: SS: mx, many ads, IDs; (433, 6/28, Green-TX).
 5020 0220 Ecos del Atrato, HJCP: SS: fast LA vocals, IDs; (343, 7/1, Fischer-CT).
 5040 0830 R. Cinco, HJDE: SS: nx, tx, CARACOL prmos; (332, 6/23, Tannenwald-NM).
 5075 0148 R. Sutatenza, HJGC: SS: LA mx, OM ancr; (443, 6/27, Johnson-IN); 0143; (434, 6/20, Yajko-PA).
 5095 2300 R. Sutatenza, HJGG: SS: IDs, ads, nx, mx; (232, 5/29, Waddington-ITALY).
 6065 0730 R. Super de Bogota, HJAX: SS: pop mx; (222, 6/30, Chorpennig-OR); 1045; OM tx; (244, 6/27, Worob-TX).
 6115 1122 L.V. del Llano, HJIE: SS: ID, LA mx; (434, 6/20, Yajko-PA).
 6120 0915 R. Super de Cali, HJ???: SS: mx, IDs; (333, 7/2, Tannenwald-NY).
 6160 0845 Emisora Nueva Granada, HJKJ: SS: mx, IDs; (333, 6/15, Tannenwald-NY); 1037; (433, 6/20, Yajko-PA).
 6195M 0845 L.V. de los Centauros, HJ???: mx, ads, ID; (443, 7/2, Tannenwald-NY). on 6190; (322, 6/22, Zilmer-WI).
 9685 0200 R. Nacional, HJZK: SS: IDs, tx; (433, 6/12, Kaufman-CA).

ECUADOR

- 3380 0124 R. Iris, HCDY4: SS: tx by YL: (333, 6/21, Yajko-PA).
 3390 0118 R. Zaracay, HCOT1: SS: IDs, LA mx; (322, 6/21, Yajko-PA).
 6075 1129 The Voice of the Andes, Quito, HJCB: EE: EE ID into Japanese; (444, 6/27, Worob-TX).
 6095 0330 HCJB: EE: SHOWERS OF BLESSINGS; (444, 6/30, Fischer-CT); 0350; NIGHT WATCH; (333, 6/27, Shaw-PA).
 9560 0215 HCJB: EE: PASSPORT; (434, 7/8, Grenier-CA); 0230; DX PARTY LINE; (444, 7/4, Thompson-NM); 0235; DX PARTY LINE; (444, 6/13, Johnson-IN).
 9745 0942 HCJB: EE: WHAT'S GOING ON, IDs; (444, 6/27, Worob-TX).
 9760 0715 HCJB: EE: religious programming, QRM de Voice of Greece; (333, 5/27, Waddington-Italy).
 11745 1500 HCJB: EE: news, MORNING IN THE MOUNTAINS; (444, 6/28, May-OH).
 11835 0200 HCJB: EE: religious programming; (333, 6/21, Bader-CA).
 11885 0108 HCJB: EE: religious programming; (343, 6/6, Brickner-IL).
 11915 0100 HCJB: EE: news; (333, 6/20, Yajko-PA); 0230; DX PARTY LINE; (444, 6/22, Johnson-IN); 0230; (444, 7/1, Thompson-NM); 0230; DX PARTY LINE; (433, 7/8, Zichi-MI); 0235; (323, 7/6, Grenier-CA); 0405; (433, 0405, Chorpennig-OR); 0530; (555, 6/11, Rosinski-PA).
 15115 1500 HCJB: EE: nx; (433, 6/10, Kaufman-CA); 1522; EE; MORNING IN THE MOUNTAINS; (333, 6/12, Goodman-IA); 1910; (333, 6/17, Bader-CA).
 15160 1515 HCJB: EE: MORNING IN THE MOUNTAINS; (443, 6/10, May-OH).

ECUADOR (Continued)

- 15300 1930 HCJB: EE: PASSPORT: (333, 6/15, Chorpenning-OR); 1915; (333, 7/1, Shaw-PA); 1936; (443, 6/8, May-OH); 2010; DX PARTY LINE; (142, 6/17, Bader-CA); (243, 6/21, Rosinski-PA); 2104; (444, 6/24, May-OH).
- 17755 1844 HCJB: GG: ID, technical tx on Swiss Radio; (343, 7/3, May-OH).
- 17780 1742 HCTB: EE: religious programming; (211, 6/11, Brookwell-CA); 2000; DX PARTY LINE; (333, 5/29, Waddington-Italy); 2023; DX PARTY LINE; (344, 6/24, Yajko-PA); 2045; (232, 6/13, Bryan-CA).

Do you know what appear to be the three favorite programs on HCJB, at least among ASWLC reporters. From examining reports of the last few months I have come up with the following list:

1. The DX PARTY LINE
2. PASSPORT
3. MORNING IN THE MOUNTAINS

GUYANA

- 3290 0230 GBS, Action Radio: EE: nx bulletin, tx; (322, 7/1, Fischer-CT).

PERU

- 4790 0325 R. Atlantida, OAX8F: SS: OM giving addresses and phone numbers, LA vocals; (343, 7/1, Fischer-CT).
- 4995 0254 R. Andina, OAZ4C: SS: typical LA mx, anmts; (323, 6/22, Yajko-PA); 0445; (322, 6/20, Bryan-CA).

URUGUAY

- 11835 0101 R. El Espectador, CXA19: SS: OM ID and tx; (232, 6/19, Bryan-CA).

VENEZUELA

- 3245 0129 R. Libertador, YVKT: SS: tx, much static; (322, 6/20, Yajko-PA); 0305; cock crowing, tx, little mx, clear IDs; (242, 7/1, Fischer-CT).
- 3395 0120 R. Universidad, YVOJ: SS: LA mx; (322, 6/21, Yajko-PA).
- 4770 0051 R. Bolivar, YVNW: SS: ads, LA mx; (333, 6/21, Yajko-PA).
- 4810 0045 R. Popular, YVMG: SS: mx, IDs; (322, 6/19, Tannenwald-NY); 0132; (333, 6/20, Yajko-PA).
- 4820 0845 R. Tricolor, YVWJ: SS: mx, ads, IDs; (332, 6/15, Tannenwald-NY).
- 4840 0315 R. Valera, YVOI: SS: long "echo chamber" shouted IDs, tx, clear IDs, US pops such as Rose Garden; (242, 7/1, Fischer-CT).
- 4850 0205 R. Capital, YVKX: SS: ads for Banco de Venez, many ads, US pops, clear IDs; (322, 7/1, Fischer-CT).
- 4880 0338 R. Universo, YVMS: SS: LA mx, OM ancr; (333, 6/24, Johnson-IN); (222, 6/5, Waddington-Italy).
- 4890 0130 R. Dif. Venezuela, YVKB: SS: SS and US pop mx, IDs; (333, 6/27, Johnson-IN).
- 4970 0245 R. Rumbos, YVLK: SS: US mx, IDs, ads, nx w/bells between items; (344, 5/28, Green-TX); 0345; (222, 6/23, Chorpenning-OR); 0350; (132, 6/20, Bader-CA).
- 4980 0045 Ecos del Torbes, YVOC: SS: soccer coverage; (333, 6/8, Goodman-IA); 0136; (434, 6/20, Yajko-PA); 0230; LA mx; (343, 7/7, Zichi-MI); 0235; (222, 6/21, Bader-CA); 0300; (222, 5/13, Waddington-Italy); 0330; (322, 6/5, Waddington-Italy); 0400; s/off; (222, 6/2, Waddington-Italy).
- 4990 0138 R. Barquisimeto, YVMQ: SS: LA mx, IDs; (333, 6/20, Yajko-PA).
- 5030 0250 R. Reloj Continente, YVKM: SS: ID, anmts, ads; (433, 6/29, Green-TX); 0315; (333, 6/13, Waddington-Italy); 2330; (222, 5/23, Waddington-Italy).
- 5050 0142 R. Mundial, YVKD: SS: LA mx; (323, 6/20, Yajko-PA).
- 6070 1101 R. San Sebastian, YVSR: EE: OM tx, pop mx; (222, 6/27, Worob-TX). English?

CUBA
 6060 0125 Radio Habana Cuba, RHC: SS: tx; (433, 6/8, Goodman-IA).
 9525 0631 RHC: EE: nx; (433, 6/12, Kaufman-CA).
 11725 0123 RHC: EE: cmntry; (322, 6/17, Yajko-PA).
 11760 1705 RHC: SS: tx; (343, 6/12, Goodman-IA).
 11870 0325 RHC: SS: tx, mx; (333, 6/26, Goodman-IA).
 11930 0155 RHC: EE: tx about Angola; (433, 6/20, Yajko-PA); 0220;
 (344, 6/20, Bader-CA).
 14770M 1541 IRTVS: SS/EE: test transmission for circuit adjustment
 purposes; (443, 6/28, May-OH). This is really a
 Utility Station but I did not have time to forward
 your report to the utility editor.
 15215 0345 RHC: SS: mx, tx; (343, 6/18, Goodman-IA).
 15230 0400 RHC: SS: tx, mx; (333, 7/2, Shaw-PA).
 17750 1340 RHC: SS: LA mx, OM tx; (242, 6/13, Bryan-CA).
 17760 2200 RHC: SS: IS and s/on; (444, 6/11, May-OH).
 17885 2045 RHC: EE: LA mx; (444, 6/8, May-OH).

DOMINICAN REPUBLIC

4930 0040 R. Mil, HIRE: SS: US pop mx, LA mx; (333, 6/21, Yajko-
 PA); 0532; (432, 6/20, Bryan-CA).
 9505 0305 R. TV Dominicana, HISD: SS: usual LA tx, mx type pgm;
 (222, 6/23, Brookwell-CA).
 11700 2200 R. Clarin, HIRL: SS: nx; (344, 7/8, Zichi-MI); 2246;
 (333, 6/19, Kaufman-CA).

GRENADA

15105 2000 R. Grenada: EE: nx, mx, ID; (434, 6/27, Green-TX).

GUATEMALA

3300 0300 R. CulturalTGNC: EE: s/off, ID, BACK TO THE BIBLE;
 (332, 7/1, Fischer-CT); 0400; (423, 7/8, Grenier-CA);
0428; (332, 6/20, Bryan-CA).

HAITI

9770 1300 R. Station 4VEH, 4VEH: EE: religious program; (323,
 6/27, Shaw-PA); (333, 6/30, Rosinski-PA).
 11835 1130 R. Station 4VEH, 4VEJ: EE: HAVEN OF REST, nx at 1200,
 wx for Carib.; (444, 6/14, May-OH); 1200; (343,
 7/1, Shaw-PA); 1325; (343, 7/2, Earhart-PA); 2335;
 (343, 6/17, Bryan-CA); 2340; GUIDELEINES w/ story
 of Peter Marshall (I assume the former chaplain of the
 Senate and not the game show host!); (122, 6/15,
 Bader-CA).

HONDURAS

4820 0323 L.V. Evangelica, HRVC: EE: religious programming; (333,
 6/24, Johnson-IN); 0435; (432, 6/22, Bryan-CA).

MEXICO

5980 0100 R. Mexico, XERMx: SS: tx, mx; (322, 7/3, Zilmer-WI).
 9705 0330 R. Mexico, XERMx: SS: tx, s/off @ 0333; (333, 7/1, Good-
 man-IA); 2100; (444, 7/5, Thompson-NM).
 15385 0209 R. Mexico, XERMx: SS: YL nx; (343, 6/15, Bryan-CA);
 IDs in various languages; (544, 7/8, May-OH); 2148;
 (444, 6/22, Earhart-PA).

NETHERLANDS ANTILLES

Radio Nederland, Bonaire

6165 0105 RN: Dutch; tx, mx; (433, 6/8, Goodman-IA); 0216; HIS AND
 HERS; (444, 6/23, Johnson-IN); 0200; HAPPY STATION;
 (444, 6/6, Brickner-IL); 0250; (333, 6/27, Shaw-PA);
0500; (544, 6/17, May-OH); 0515; (444, 6/6, Grenier-
 CA).
 9715 0605 RN: EE: tx; (444, 6/27, Goodman-IA).
 11730 0645 RN: EE: TIME FOR JAZZ; (444, 7/7, Grenier-CA).
 15220 2130 RN: Dutch: nx; (232, 7/10, Grenier-CA).
 17810 1645 RN: EE: THE WORLD DAY BY DAY; (443, 6/23, May-OH).
 17830 1900 RN: AA: mx, OM tx, nx; (343, 6/13, Bryan-CA).

VENEZUELA (Continued)

- 9660 0140 R. Rumbos, YVLM: SS: LA vocals, sung IDs, TCs; (343, 7/1, Fischer-CT); 0148; (432, 6/18, Bryan-CA); 0337; (333, 7/1, Goodman-IA); 2338; (433, 6/10, Stephenson-CA).
- 15390 2205 R. Nacional, YVRO: EE: mx, measured frequency; (243, 6/28, Zichi-MI).
- 15400 2200 R. Nacional, YVRO: EE: announced on 15390 yet measured on 15400; local and folk mx; (332, 6/22, Zilmer-WI); 2217; mx till 2230 then nx; (252, 6/29, Earhart-PA).

North and Central America

BELIZE

- 834 0430 R. Belize: ID, mx; (433, 6/27, Green-TX).
- 3300 0400 R. Belize: EE: nx, IDs, ads, mx; (343, 6/27, Green-TX).

CANADA

Locally owned stations

- 6070 1915 CFRX : EE: tx, mx, DJ program; (444, 6/16, May-OH).

Relays of Foreign Broadcasts

- 6175 0305 BBC relayed via Sackville: EE: nx about Britain; (333, 6/27, Shaw-PA).

CBC Northern and Armed Forces Service

- 5960 0113 CBC: EE: mx; (343, 6/6, Brickner-IL); 0200; (444, 6/27, Chorpensing-OR); 0503; (444, 6/7, Kaufman-CA).
- 9625 0500 CBC: EE: CBC nx, s/off; (444, 6/18, Bader-CA); 1115; (444, 6/25, Shaw-PA); 2010; (444, 7/5, Grenier-CA).
- 11720 1210 CBC: EE: nx, mx; (333, 7/2, Shaw-PA); 1625; (545, 6/10, May-OH); 1630; (343, 6/12, Goodman-IA); 1915; (333, 7/1, Shaw-PA); (444, 7/7, Rosinski-PA).
- 11855 2200 CBC: EE: nx, sx, weather; armed forces service; (444, 6/12, Zichi-MI); (354, 6/11, Rosinski-PA).
- 17820 1632 CBC: EE: SPORTS NEWS; (444, 6/13, May-OH).

My compliments to all reporters. I appreciate the way you all have correctly labeled CBC versus RCI broadcasts.

Radio Canada International

- 6085 0100 RCI: EE: nx, tx; (433, 6/28, Green-TX).
- 9650 0104 RCI: EE: nx; to USA; (444, 6/6, Brickner-IL); //11940 with a 333 and //6085 with a 544.
- 9655 0419 RCI: EE: tx; (443, 6/29, Goodman-IA).
- 11765 0535 RCI: EE: tx, mx; (434, 6/27, Goodman-IA).
- 11845 0210 RCI: FF: formerly 11835; (353, 7/2, Earhart-PA).
- 11865 0100 RCI: EE: nx; (322, 6/15, Goodman-IA).
- 11940 0136 RCI: EE: magazine program; (343, 6/26, Kaufman-CA).
- 15325 1715 RCI: GG: IS, ID; (333, 6/28, Chorpensing-OR); 1715; (433, 6/11, May-OH); 1900; (444, 6/23, Goodman-IA); 1935; (333, 7/1, Shaw-PA); 2100; (344, 7/6, Zichi-MI).
- 17820 2019 RCI: FF: rock mx, OM and YL IDs; (444, 6/13, Bryan-CA); 2105; (333, 6/14, Bader-CA).

COSTA RICA

- 4832 0257 R. Reloj; TIHB: SS: OM ID, LA mx; (332, 6/18, Bryan-CA); (111, 7/1, Chorpensing-OR); IDs as R. Reloj and TIHB, Costa Rica.
- 5954 0503 R. Casino, TIQ: EE: light pop mx, OM ancr, many IDs, TCs; QRM de CBC; (333, 6/25, Johnson-IN).
- 9645 0300 Faro del Caribe, TIFC: EE: religious programming; (232, 7/5, Rosinski-PA).
- 12012 0712 R. Reloj, TIHB: 2nd harmonic, 2 x 6006, LA mx, program "Cortesia del Radio Arenas"; (222, 6/10, Brookwell-CA).

Report to your favorite column of SWL this month!

Netherlands Antilles

Trans World Radio, Bonaire

800 0445 TWR: EE: MUSIC WITH A MESSAGE; (423, 6/17, May-OH).
 9570 1045 TWR: SS: mx; (333, 6/25, Shaw-PA).
 11925 0130 TWR: EE: nx; (444, 6/26, Kaufman-CA).
 15275 1245 TWR: EE: BACK TO GOD HOUR; (444, 7/4, Thompson-NM).
 15320 2226 TWR: PP: IS, s/on; (433, 6/25, May-OH).
 15345 2340 TWR: GG: tx, mx; (353, 6/29, Earhart-PA).

UNITED STATES OF AMERICA (Edited due to minimum space left)

Armed Forces Radio

6030 0355 AFRTS: EE: baseball game; (444, 6/26, Goodman-IA); 1023;
 (555, 6/21, May-OH).
 9700 0859 AFRTS: EE: IDs, tx; (444, 6/27, Worob-TX).
 9755 0355 AFRTS: EE: CBS nx; (443, 6/18, Bader-CA); 0400; (343,
 6/29, Goodman-IA).
 15330 1953 AFRTS: EE: baseball game; (233, 6/12, Bader-CA).
 15430 1945 AFRTS: EE: baseball game; (333, 6/27, Shaw-PA).
 17765 0120 AFRTS: EE: baseball game; (333, 6/16, Shaw-PA).

KGEI, The Voice of Friendship, San Francisco, California

5980 1000 KGEI: EE: s/on, nx; (433, 6/21, May-OH).
 9615 0912 KGEI: SS: tx, mx; (444, 6/27; Worob-TX); 1114; (444,
 6/21, May-OH).
 15280 2357 KGEI: SS: ID, nx; (343, 6/25, May-OH).

United Nations Radio

15415 2300 UN Radio: Speeches; (333, 6/14, Bader-CA); 2315; (344,
 6/23, Zichi-MI).

WINB, Red Lion, Pennsylvania

15185 2030 WINB: EE: IDs, mx; (434, 6/21, May-OH); 2037; (232, 6/15,
 Bader-CA); 2040; (333, 7/1, Shaw-PA); (143, 7/8, Rosinski)
 17720 1730 WINB: EE: religious program; (222, 6/11, Brookwell-CA).

WYFR, Family Radio, Oakland, California

5985 0400 WYFR: SS: religious programming; (444, 6/26, Goodman-IA).
 6185 0240 WYFR: EE: religious programming; (333, 6/27, Shaw-PA).
 9715 0100 WYFR: SS: religious programming; (443, 6/6, Brickner-IL).
 11805 1600 WYFR: EE: THE BIBLE FOR YOU; (534, 6/10, May-OH).
 15110 1815 WYFR: EE: OPEN FORUM; (344, 7/7, Zichi-MI).
 15440 1910 WYFR: GG: religious programming; (333, 6/23, Goodman-IA).
 17845 1850 WYFR: EE: religious programming; (444, 6/8, May-OH); 2000;
 (242, 6/13, Goodman-IA); 2215; (333, 6/14, Bader-CA).
 17865 1322 WYFR: EE: religious programming; (242, 6/13, Bryan-CA)

NO ROOM FOR VOA LOGGINGS THIS MONTH. ALL VOA REPORTS WILL BE USED NEXT MONTH. SEE LAST MONTH'S COLUMN FOR A LARGE LISTING OF VOA BROADCASTS.

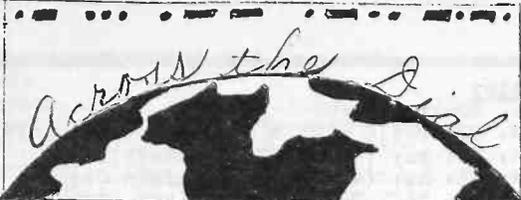
UNIDENTIFIED

15752 1800 UNID, June 12, EE male tx, some mx. Could be VOA feeder to Munich or Tangier. Audio off at 1800 butstrong remained; (222, 6/12, Brookwell).
 15622.81857 woman tx, echo chamber anmts, much laughter, SS or PP; off at 1900 w/out ID; (222, 6/12, Brookwell-CA).

Contributors: Ken Earhart of Allentown, Pa.; Philip Worob of Austin, Texas; Pete Greiner of Azusa, Calif.; John Waddington of Napoli, Italy; Jim Bryan of Tracy, Calif.; Larry Brookwell of San Diego, Calif.; Francis Rosinski of Perryopolis, Pa.; (welcome!); Bill Shaw of Drexel Hill, Pa.; George Green of Houston, Texas; Bob Zilmer of Milwaukee, Wisc.; Leon Tannenwald of Brooklyn, N.Y.; George Brickner of Chicago, Illinois; Bob Yaiko of W. Leechburg, Pa.; Joel Goodman of Ottumwa, Iowa; Chester Johnson of Alexandria, Va.; Norm Stephenson of California; Glenn Thompson of Deming, New Mexico; Ronald May of Cincinnati, Ohio; Gary Bader of El Monte, Calif.; Ken Zichi of Bay City Michigan; Vernon Kaufman of Costa Mesa, Calif.; Ken Chorprenning of Hillsboro, Oregon; your editor of Hartford, Ct.

That's all for this month. I'll look for your reports next month. My continued thanks to you regular reporters.

73, John Fischer

| | | |
|--|--|---|
| EDITOR: Joe Woodlock 5423 Woodland Ave. Western Springs Illinois 60558 |  | UTILITY SECTION Deadline: 15th of each month |
|--|--|---|

My opening remarks will be brief. Loggings really rolled in this month, and I'm looking for a shoe horn to fit everything in.

FOLLOW UP - Both John Walters and Rick Matthew located DHJ59 for me. The station is located in Wilhelmshaven, W. Germany. John even has a QSL from them from a year ago. Bill Trubee added some details on the station's capabilities. Which reminds me, Bill, your VIS6 (8490) is a new frequency, in operation about a month. This was from Rick Matthew, who says Spence Naylor's time announcements on 4374 are either Mexico or Brasil. There are about 20 SSB stations on that frequency.

MOVING DAY - The long expected frequency shifts for the coastal stations has begun. It is supposed to be completed by August 1. Rick Matthew supplied the details of the moves. Within each band the stations at the upper end are to move down a specific number of kHz. The list looks like this:

| | | | |
|-----------------|------------------|-----------------|------------------|
| 4349.4 - 4361 | move 130 lower | 13070.8 - 13107 | move 418.5 lower |
| 6493.9 - 6514 | move 168.5 lower | 17196.9 - 17255 | move 337.5 lower |
| 8704.4 - 8728.5 | move 269 lower | 22561 - 22624.5 | move 250.5 lower |

To get the new band ranges, simply subtract the move amount from the first figure. This will be the new low end of the band. The high end will be just below the first figure. For example, the new range for 12 MH will be 12660.3 & 13070.7

If you are working on the high band surveys, try working these new lower frequencies. If there are any differences in reception we should catch them. Incidentally, you may have a little interference with some ships. Not all of them have vacated these locations as yet. Try picking out a coastal station with two ships on the same frequency. Fun!!!

Better get on with the loggings.

CW

Aerobeacons

| | | | | | | | |
|--------|-------|--|---------|------|-----|--|---------|
| 192 | SFI | San Francisco Ca | 0200 ca | 344* | FCH | Fresno Ca | 2105 ca |
| 279 | SC | QTH? | 2140 ca | 351 | HWD | Hayward Ca | 2058 ca |
| 280 | IN | QTH? | 2130 ca | 352 | SN | QTH? | 2055 ca |
| 314 | F | Faralon Isl. Ca | 2110 ca | 367 | MO | Monterey Ca | 2050 ca |
| 338* | PBT | Red Bluff Ca | 2100 ca | 379 | SF | San Francisco Ca | 2015 ca |
| | | * with AM aviation wx | | | | | |
| 440 | NMO | HAWAII, Honolulu Coast Guard | | | | DE | 0620 HI |
| 480 | P2 | QTH? | | | | csll repeated twice, then 20 sec. dash | 0630 HI |
| 4310 | WNU | U.S. Slidell, La | | | | V | 0740 HI |
| 4325 | HKC | COLUMBIA Buenaventura (not listed freq.) | | | | V | 0745 HI |
| 4355 | JCT | JAPAN Choshi | | | | CQ | 0748 HI |
| 6351.5 | VAI | CANADA Vancouver | | | | CQ | 0230 ca |
| 6359 | PBC3 | NETHERLANDS Goeree | | | | V | 0458 IL |
| 6365.5 | KFS | U.S. Palo Alto Ca | | | | CQ | 0250 ca |
| 6445.2 | CKN | CANADA Vancouver (normally sends V/C13E) | | | | QSX | 0310 ca |
| 8481 | VIS28 | AUSTRALIA Sydney (call rarely heard, just tfc) | | | | V | 0532 IL |
| 8527 | JMC | JAPAN QTH? | | | | V-CQ | 1447 CA |
| 8539 | VPS35 | HONG KONG Cape D'Aguilar | | | | CQ | 1317 CA |
| 8542 | PKI | INDONESIA Djakarta | | | | CQ | 1357 CA |
| 8566 | ZSJ4 | S. AFRICA Capetown | | | | V-CQ/QSX | 0201 CA |
| 8568.5 | XFM | MEXICO Manzanillo | | | | CQ/QRU | 1521 CA |
| 8588 | DZG | PHILIPPINES Las Pinas | | | | CQ/QSX | 1258 CA |
| 8582 | DZO | PHILIPPINES Quezon (listed at 8580) | | | | CQ/QSS | 1321 CA |
| 8600 | XSV | P.R. CHINA Tientsin (heard two diff. days) | | | | CQ/QRU | 1215 CA |
| 8608a | DZK | PHILIPPINES Caloocan (not listed freq.) | | | | CQ/QSX | 1248 CA |
| 8614 | CKN | CANADA Vancouver | | | | V | 0435 ca |
| | NBA | CANAL ZONE Balboa (under CKN) | | | | CQ | 0346 CA |
| 8619 | VRN35 | HONG KONG Cape D'Aguilar | | | | V/QSX | 0727 CA |

| | | | | | |
|---------|---------|---|----------------------------|------|----|
| 8645 | W | QTH? | W W W | 1302 | CA |
| 8686 | ZSC6 | S. AFRICA Capetown | CQ | 0106 | CA |
| | HSA2 | THAILAND Bangkok | CQ/QSX | 1417 | CA |
| 8728 | NMF | U.S. Boston Ma (Has moved to 8459) | CQ | 1346 | CA |
| 11130 | ZLZ/ZLX | QTH? | Sent long string of #'s/CQ | 0515 | IL |
| 12496 | SXDW | HIGH SEAS | clg XFL | 1448 | IL |
| 12559 | GWMH | HIGH SEAS | clg GKC | 0046 | IL |
| 12691 | FUX | REUNION Leport | V/FAAF | 0510 | IL |
| 12702 | DHS | E. GERMANY Ruegan (not listed freq.) | V | 1905 | IL |
| 12705 | G23B | W. GERMANY QTH? | V | 0021 | IL |
| 12715 | CBV | CHILE Valparaiso | CQ/QSX | 2133 | IL |
| 12717 | EBA | SPAIN Madrid Radionaval | EBCQ/RG | 0015 | IL |
| 12726 | CFH | CANADA Ellerhouse NS (move ?) | V/C13L | 2345 | IL |
| 12730 | UMN/UMV | RUSSIA Murmansk? (usually just UMV) | V-CQ | 0002 | IL |
| 12735.5 | UIS63 | RUSSIA QTH? | CQ/QSX | 1122 | IL |
| 12750 | CWA | URUGUAY Cerrito | V/QSX | 0047 | CA |
| 12770 | GKS5 | ENGLAND Portishead | DE | 0050 | CA |
| 12784 | 3SQ | P.R. CHINA QTH? | clg BJCC | 2304 | IL |
| 12826.5 | JCS | JAPAN Choshi | CQ | 0235 | ca |
| | WNU | U.S. Slidell La | CQ/QSX | 1419 | CA |
| 12830 | UOR | RUSSIA QTH? | tfc | 1538 | IL |
| 12835.5 | GKB5 | ENGLAND Portishead | DE/QSX | 2300 | ca |
| 12844 | XFL | MEXICO Mazatlan (not listed freq.) | CQ | 0330 | ca |
| 12853.5 | HKC2 | COLUMBIA Buenaventura | CQ/QSX | 0029 | CA |
| 12867 | NPN/NPR | GUAM or Dutch Harbor AK ? | V-CQ/QRU | 0535 | IL |
| 12871.5 | XSG | P.R. CHINA Shanghai | CQ/QRU | 1335 | CA |
| 12874 | VCS | CANADA Halifax NS | V-CQ | 2245 | ca |
| 12878 | JCU | JAPAN Choshi (no QSX??? per Spence) | CQ | 1158 | CA |
| 12880.5 | SAG6 | SWEDEN Goteburg | CQ/QSX - tl | 0126 | CA |
| 12907.5 | KLB | U.S. Seattle Wa | CQ | 2320 | ca |
| 12925.5 | WCC | U.S. Chatham Ma | V | 0330 | ca |
| 12942 | SVD5 | GREECE Athinai | V/QSX | 2133 | IL |
| 12984 | CFH | CANADA Ellerhouse NS (thought they moved to 90) | CQ | 2230 | ca |
| 13008 | JOR | JAPAN Nagasaki | CQ | 0302 | ca |
| 13038 | KLC | U.S. Galveston Tx | CQ | 0155 | ca |
| 13054 | JDC | JAPAN Choshi | CQ/tl | 0148 | ca |
| 13060.5 | TUA5 | IVORY COAST Abidjan | CQ/QRU | 1414 | IL |
| 13063 | JDB | JAPAN Choshi | CQ | 0149 | ca |
| 13078.5 | WSL | U. S. Amagansett NY | CQ | 0250 | ca |
| 13087.5 | HKB | COLUMBIA Barranquilla | V-CQ/QSX | 0232 | ca |
| 13100 | TIM | COSTA RICO Limon (hasn't moved yet) | CQ | 2235 | ca |
| 14914 | RIL | RUSSIA Rutchii | CQ/QSX | 1330 | IL |
| 16889 | OGUU | HIGH SEAS | clg OFJ/MSG | 1340 | IL |
| 16938 | MTN | QTH? (regular GLO/GLP freq.) | clg GCPU | 1349 | IL |
| 17118 | PBC3 | NETHERLANDS Goeree | V | 1237 | IL |
| 17147 | KLC | U.S. Galveston Tx | CQ/QTC | 1327 | IL |
| 21761 | NVKO? | HIGH SEAS ? | call ltrs | 0500 | HI |
| 22452 | XSQ7 | P.R. CHINA Kwangchow | CQ | 0528 | HI |
| 22563 | XSG | P.R. CHINA Shanghai | CQ | 0520 | HI |

VOICE

| | | | | | |
|--------|--------|---|-----|------|----|
| 2590 | WOX | U.S. New York marine op. | USB | 0158 | IL |
| 2670 | NMJ | ALASKA Ketchikan CG wx | USB | 0817 | HI |
| 2716 | | USS Garcia clg Bermuda | USB | 0704 | CO |
| | | USS Ft. Snelling tfc/ Com. 2nd Fleet | USB | 0839 | CO |
| | | USS Wainwright/USS Mt. Whitney tfc | USB | 0638 | CO |
| | | USS MacDonough tfc/Mt. Whitney | USB | 0650 | CO |
| 4048.5 | NMA5 | S. CAICOS ISLAND | USB | 0341 | CO |
| 4050 | NRO | JOHNSTON ISLAND | USB | 0849 | CO |
| 4091.6 | HCOE | HIGH SEAS "Oceanic" tfc/WOO | USB | 0510 | HI |
| 4390.2 | WOO | U.S. Ocean Gate NJ tfc/"Oceanic" | USB | 0415 | CA |
| 4415.8 | WLC | U.S. Rogers City Mi Great Lakes wx | USB | 0515 | HI |
| 4422.2 | WOM | U.S. Ft. Lauderdale Fl tt/OM/EE | USB | 0521 | HI |
| 4585 | | HAWAII CAP Mobile 6 tfc/510 | USB | 0454 | HI |
| 5317 | NRW2 | ALASKA St. Paul Island tfc/Sitkiaak | USB | 0841 | CO |
| | NRW | ALASKA Unimak tfc/Sitkiaak | USB | 0905 | CO |
| 5638 | ZKAK | NEW ZEALAND Auckland clg VRBFR | AM | 0838 | CO |
| 6204 | VJZ | PAPUA/NEW GUINEA Rabaul tfc/VJ3614 (ship) | USB | 0613 | HI |
| | 3DP | FIJI Suva tfc/VJZ | USB | 0710 | HI |
| | VJ3614 | HIGH SEAS (6.50S/147.48E) tfc/VJZ | USB | 0720 | HI |

| | | | | | |
|---------|---------|--|---------------------------|---------|---------|
| 6204 | VIS | AUSTRALIA Sydney | tfc/ship | USB | 0735 HI |
| 6210 | WYZ8233 | "Nordic Fury" / KBZ Seattle | 2-way tfc | USB | 0610 HI |
| | WYZ9769 | "Mary Ellen" | tfc/ Nordic Fury | USB | 0620 HI |
| | WA4111 | "Deep Sea" / KFY Seattle | 2-way tfc | USB | 0635 HI |
| | WYL3879 | "Bering Scout" | clg KBZ | USB | 0643 HI |
| | WY2182 | "Skywave" / KYQ856 Seattle | 2-way tfc | USB | 0647 HI |
| | KHG44 | ALASKA Dutch Harbor | tfc/ Nordic Fury (gabby!) | USB | 0653 HI |
| | KFBZ | HIGH SEAS | tfc/ WY4019 | USB | 0829 HI |
| 6521.8 | NODU | CGC "Sedge" | tfc/ Kodiak | USB | 0648 CO |
| | NGDF | CGC "Munro" | tfc/ Honolulu | USB | 0649 CO |
| | NIJB | CGC "Modoc" | tfc/ San Francisco | USB | 0811 CO |
| | | CGC "Resolute" | tfc/ San Francisco | USB | 0944 CO |
| | NRV | GUAM | vm tfc/San Francisco | USB | 1010 CO |
| | NEVK | CGC "Burton Island" | tfc/ San Francisco | USB | 1015 CO |
| 6761 | | "Pinocchio" (Guam?) | Foxtrot message | USB | 0903 CO |
| 6873 | | U.S. Greenville NC | VOA dual feeder | LSB/USB | 0336 IL |
| 6935 | NMJ22 | ALASKA Attu | tfc/ St. Paul Isl | USB | 0614 CO |
| 7581.5 | NRV2 | MARIANA ISLANDS Saipan Loran | tfc/ Guam | USB | 0829 CO |
| | NRV4 | CAROLINES Anguar Island Loran | tfc/ Guam | USB | 0736 CO |
| 7651 | | U.S. Greenville NC | VOA feeder | USB | 0650 HI |
| 7980 | VIS | AUSTRALIA Sydney | vm/EE/OM | LSB | 0852 CO |
| 8204.4 | G?VW | HIGH SEAS "Melbourne" | tfc/ Wellington | USB | 0725 HI |
| 8226.8 | LUNU | HIGH SEAS "Mosbrook" | clg JBO | USB | 0653 HI |
| 8249 | OVOB | HIGH SEAS "Leon Sif" | clg ? in Danish | USB | 0234 HI |
| 8259 | | AUSTRALIA Darwin Control | radio check/ ship | USB | 0714 HI |
| 8262 | WZB335 | HIGH SEAS "Northern Light" | clg WOM | USB | 0225 HI |
| | WYH6630 | HIGH SEAS "Mr. Jim" (37N/68W) | tfc WOM | USB | 0637 HI |
| | | Greek Ships clg Athinai R. | SYQH - Avlis, SWXO - | | |
| | | Flisvos, SVEY - Anna Drakopoulou, SZWX - Hellenic Chmp | | USB | 0214+HI |
| | SXTX | HIGH SEAS "Areti" | tfc/ Athinai | USB | 0216 HI |
| 8792.8 | WOM | U.S. Ft. Lauderdale | tfc | USB | 0313 CA |
| 8975 | | AUSTRALIA Darwin RAAF | tfc/ Sydney | USB | 0924 CO |
| | | AUSTRALIA Perth RAAF | tfc/ Sydney | USB | 0926 CO |
| 8976 | | AUSTRALIA Townsville RAAF | tfc/ Sydney | USB | 0930 CO |
| 10103 | | PUERTO RICO San Juan AAC&R | tt/OM/SS-EE | LSB | 0358 IL |
| 11095 | XTA9 | UPPER VOLTA Ougadougou Fr. | Cable & Rad. tt/YL/FF-EE | USB | 2215 IO |
| 12205 | NRO4 | HAWAII French Frigate Shoals (Tern Isl.) | tfc/ Honolulu | USB | 0422 CO |
| | NRO7 | KURE ISLAND | tfc/ Johnston Isl | USB | 0453 CO |
| 12333.5 | WYT9409 | "Pier 26" barge anchored in some river | tfc/Singapore | USB | 0814 HI |
| | VKCV | HIGH SEAS "Derwent" warship | clg VIS (at Subic Bay) | USB | 0902 HI |
| 12372 | WX5864 | HIGH SEAS "Janea" | clg KMI | USB | 0613 HI |
| | KRSG | HIGH SEAS "M/V Marlin" (163W/53.30N) | tfc/ KMI | USB | 0120 HI |
| 13140.5 | WOM | U.S. Ft. Lauderdale | tfc/ Apache | USB | 0132 CA |
| 14968 | | NUMBERS STATION? YL repeating "484" over and over | | AM | 2235 IL |
| 14985 | EHY26 | SPAIN Madrid CTNE | tfc/ SS | LSB | 2235 IL |
| 15087 | | "Ice Pack" QTH? | clg any BRAVO station | USB | 1359 IL |
| 16512.5 | WYZ3688 | HIGH SEAS "Trinidad" | clg KMI | USB | 0205 HI |
| | 5MXH | HIGH SEAS "Fairstar" | tfc/ Sydney | USB | 0205 HI |
| 17556 | | INDONESIA Ambon | equip. check w/Jamengos | EE | 0720 HI |
| 18041 | | P.R. CHINA Peking Telecom | tt/YL/GG-EE-FF | USB | 0655 HI |

Contributors: CA- Spence Naylor, North Hollywood; ca-Stuart Taylor, Pleasanton (great start for your first CW loggings, Stu.); CO- Mike Chabak, Boulder (welcome); HI- Bill Trubee, Kealakekua (otherwise known as a busy beaver); IL- yours truly

Just realized that I missed some of Bill Trubee's loggings. Will have to hold them til next time. Bill did ask me to correct the address on the LW club announcement. Send the 12 SASE business size envelopes to Ralph Sanserino, 8422 Crane Circle, Huntington Beach CA 92646.

Albert Kirk reported on an interesting visit to the USCG Loran station at Carolina Beach. He drove in uninvited and got a royal welcome. Will have more on this next month.

Will also try to have some information on the cost and delivery schedule for the new ITU coastal and other publications by next month. Gilfer also has a couple of copies of the ITU Map of Coast Stations. As Perry Ferrell says, it's pretty, but how useful/who knows?

Tried to squeeze out an extra page this month, but no assurance it would work. So will close off without much more ado. Keep the loggings rolling in.

Joe

BULLETIN

THE U.S. DEPT. OF COMMERCE PLANS TO DISCONTINUE SHORT-TERM PROPAGATION FORECASTS FOR THE H.F. SPECTRUM, INCLUDING THE BROADCASTS GIVEN 14 MINUTES PAST EACH HOUR ON WWV. THE PLANNED SEPT. 30 CLOSE-DOWN IS BASED ON BUDGETARY CONSIDERATIONS AND THE BELIEF IN THE DEPT. OF COMMERCE THAT INTEREST IS DWINDLING IN ~~THE~~ H.F. ~~SPECTRUM~~. ^{COMMUNICATIONS.}

If you haven't already done so, be sure to get a letter off to the Dept. of Commerce protesting the proposed shut-down of the Telecommunication Services Center at Boulder, where the forecasts are prepared. There's still time to save the forecasts, if we can show the Dept. of Commerce that h.f. radio is still very much alive. You might send a copy of your letter to Congressman T.E. Wirth, who acts as a watch-dog on these matters for the House Committee that appropriates funds for the Boulder operation.

If the Telecommunication Services Center at Boulder is shut down on Sept. 30th, as planned, radio amateurs and all the other users of the h.f. spectrum will be denied realtime reports and forecasts of propagation conditions. THERE IS NO ALTERNATIVE FOR THE WWV SERVICE. It will also mean the end to the weekly reports put out by the Center, as well as the around-the-clock telephone data line. Closing the Center will return the state of the art to the dark ages!

Protest the planned shut-down, and help save the WWV propagation broadcasts by writing:

Dr. Douglass Crombie
Director, ITS/OT
U.S. Dept. of Commerce
Boulder, Colorado 80302

Don't forget to send a copy to Congressman Wirth.

There isn't much time left, so get that letter off now!

Congressman T.E. Wirth
House of Representatives
U.S. Congress
Washington, D.C. 20515

WHY DON'T I GET MORE DX?

by

Joe Woodlock

How many times have you asked yourself that question? It's a little frustrating to keep hearing the same old stations over and over again, with nothing new or exciting.

The answer to great DX is luck, being in the right place at the right time. That part is luck. But being lucky is something else. It isn't a matter of chance, you have to work at it. Confusing? It may sound that way, but it is true.

Being lucky requires time, patience and organization. Let's start with time. How often do you listen? If you only listen a few minutes a week, your chances of being lucky are pretty slim. Your few minutes would have to coincide with a hot reception period, and you would have to be tuned to the right part of the right band. That is certainly asking an awful lot from luck. If you are an infrequent listener, you simply will not be lucky. The more often that you listen to your receiver, the greater the chances that you will be listening when conditions are great.

Next comes patience. Maybe you do listen more often. But do you stay on a band for more than a few minutes? If you skip from band to band, or from one part of a band to another, in hopes of finding something the odds are very high that you will be disappointed. Give the band a chance. Take your time. Start at one end of the band and slowly move across to the other end. Check each station you hear. When you get to the other end, reverse and go back following the same procedure. Remember, if you have a slow response AVC you could miss a weak station simply because you turned the dial too fast. A powerful signal will depress the AVC and it may not recover in time to pick up the weaker signal before you have tuned right past it.

If the band is large, maybe you can work in 100 kHz sections. By slowly covering the 100 kHz span slowly back and forth you increase your chances of hearing something different. Be patient, it may not happen the first day that you try it. Or even the second or third day. But sooner or later, you'll turn up some goodies.

Scanning the band can be time consuming if you stop and listen each time you hear every station. That's where organization fits in. Keep a record of each station you hear by frequency and time. It doesn't have to be fancy, sometimes a scratch pad will almost suffice. I find that just knowing that a station is on sometime during a hour is often enough knowledge. If you know sign/on and sign/off times, so much the better. This way you won't have to waste time waiting for an ID from a station you know is broadcasting at that time.

Keep the record in front of you as you scan the band. When you hear something, check to see if it's on your record for that hour on that frequency (or logging position on your dial). If so, you can move ahead. If not, you may have something new, or a new time for a known station. At least it is a prospect for DX.

Design the record to be easiest for you to work with. Once you get used to using it, you'll feel lost without it. You may even wonder how you ever heard anything worthwhile without this kind of information at hand.

Work the same band for a week or so. This increases your familiarity with the stations on that band. It may take a session or two to refamiliarize yourself with a band that you haven't worked for a few weeks. The repetition pays off; you begin to recognize stations without an ID. Think of the time this saves. Now you can really begin to listen for something different.

If you're looking for broadcast stations, keeping a record of the language broadcast at each hour may help. If you don't know the language, classify it generally. I used to use Russian, Chinese and Spanish to cover a whole raft of languages. Later I found myself saying that it wasn't quite Spanish sometimes. This led to being able to split Spanish, Portuguese and Italian with fair accuracy, even though I didn't speak any one of the three. Spotting a different language that you expect may be the first tip that you have a new station, maybe a real DX find.

Take a good, cold look at your logbook. What do you have in there? Are you logging a lot of common garden variety stations from the U.S. or the loudest, best known of the foreign broadcasters? Are you logging the same stations that were appearing in your book six months or a year ago? Have you made any real increase in the number of stations or countries heard in recent months? In brief, are you making any progress?

Give yourself enough time for listening; practice patience as you do; organize your listening records for easy reference. It's surprising how lucky you'll become.

DX SHOWCASE SHORTWAVE REVIEW



LOUIS BUEHLER WDXØLHB
1123 Perry
St.Charles,MO 63301
(314)724-7359

Deadline the 15th. of the month
All times in GMT/UTC
Frequencies in kHz



AUGUST



With Compliments

Superintendent Engineer External Broadcasting (1)
P.O. Box 76 Bush House London W.C.2B 4PH

we regret that we have no

pennants available.

Item to the left was received by Vernon Kaufman along with his latest QSL from the BBC. Seems to me they used to offer a pennant, but apparently not.

On last Tuesday (7/12) summer really arrived here with temperature of 98, so it looks like it is going to be a typical St. Louis summer, hot & muggy.

Have noticed several reports in various bulletins to the effect that the VOA no longer gives on the air site locations or verifies sites on QSLs.

First Canada goes over to a do it yourself job and now VOA drops sites, what next, hi.

ALBANIA R.Tirana English language to North America

0000-0030 7065/9750 0130-0200 6200/7300 0230-0300 6200/7300
0330-0400 6200/7300 0430-0500 7300 1100-1130 9500/11895
(Watts, 7/76 SPEEDX)

ARGENTINA R.Difusora Argentina, RAE

RAE announced on their program that they will begin offering to it's listeners, program guides 4 times a year. In order to receive these quarterly guides listeners should send 4 adhesive address labels, with the listener's address printed clearly on each one, and send these 4 labels to; Radiodifusora Argentina al Exterior, Correo Central, 151 Sarmiento, Buenos Aires, Argentina. RAE will use these 4 labels to send the program guides. (Mike Caito)

AUSTRALIA R.Australia English language to North America

1100-1300 9580 0100-0300 15320/17795
(Thompson, 7/76 SPEEDX)

AUSTRIA ORF English language to North America

0130-0200 0330-0400 6155/3770 ECNA 0430-0500 6015 WCNA
(7/76 SPEEDX)

AUSTRIA Vienna noted on the new frequency of 11835 2200-2400, best

around 2300. Recent changes to S.America 2100-2200 and 2200-2400 11835.
(Arthur Cushen)

BELGIUM Brussels now on the new frequency of 9725 in English 0015-0045

after being on 9755, 9735 and 9730. This frequency has interference from R.Moscow and is best after 0030.

(Arthur Cushen)

Wish I had something interesting to say but don't so will move on.

BELIZE R.Belize on 3300 heard with English news at 0500 and the devotional session closing at 0507 with the Belize national anthem followed by "God Save the Queen".

(Arthur Cushen)

BOLIVIA R.Panamericana Ia Paz,6035,lady announcer 1100 full identification,then light popular music with announcement after each second item.

(Arthur Cushen)

BRAZIL PRC5 R.Club Para, Belem on 4855 English popular music to sign off at 0400.

(Arthur Cushen)

BULGARIA R.Sofia English language to North America
0200-0230 9700 0400-0430 9700

(Watts,7/76 SPEEDX)

CZECHOSLOVAKIA R.Praugue English language to North America
0100-0200 0300-0400 5930/7345/9540/9630/11900

(Robert Kukan)

EAST GERMANY Heard on new frequency of 12000 RBI in English from 0330 mixed with Moscow and VNG Australian time station.

(Arthur Cushen)

GERMANY,F.R. DW English language to North America
0130-0150 6040/6075/6100/9565/9605/11865

(Watts,Barnhart,7/76 SPEEDX)

IRAN R.Iran Bob Rice sends word that R.Australia's 6-27-76 broadcast of DXers Calling as monitored by Robert Hannah of Melbourne gave the new frequency of 11770 for R.Iran's English broadcast at 2000-2030, Bob says that this presumably replaces 9022 since he hasn't heard anything there for some time. He has tried 11770 but all he got was VOA's beam to Czechoslovakia.

KOREA,REPUBLIC (South Korea) R.Korea English language

| | | |
|---------------------|-------------------------|---------------------------|
| 0200-0230 Europe | 0400-0430 North America | 1000-1030 N.&S.America |
| 1130-1200 Europe | 1330-1400 Europe | 1530-1600 N.America |
| 1800-1830 N.America | 2000-2030 Europe | 2300-2330 South East Asia |

Frequencies used are--7150/9600/9640/11860

only change is new 1330 transmission to Europe

(Jim Thornton)

NEW ZEALAND R.New Zealand English language till Sept.1976

| | | |
|-----------------------|----------------------|-----------------------|
| 1800-2000 ZL 11 6105 | 1800-2215 ZL 26 9655 | 2015-0050 ZL 27 11960 |
| 2230-0150 ZL 28 15380 | 0100-0450 ZL 6 11705 | 0200-0700 ZL 29 9585 |
| 0500-1030 ZL 11 6105 | 0730-1030 ZL 11 6105 | |

all except the 0730 transmission to Australia are to the Pacific Islands

News Monday to Friday;

0600;0630;0700;0755;0830;0900;1100;1200;1230;1400;1500;1700;1800;2030;2200

News Saturdays;

0600;0630;0700;0730;0800;0900;1100;1200;1230;1600;1800;2030;2200

News Sunday;

0600;0630;0700;0730;0800;0900;1000;1200;1230;1600;1800;2030;2200

News in Samoan 1755 Mondays

News in Cook Island Maori 1755 Thursdays

Also broadcast are Interviews,Reports,Sports,etc.

(Joe Barry,Bob Rice,Arthur Cushen)

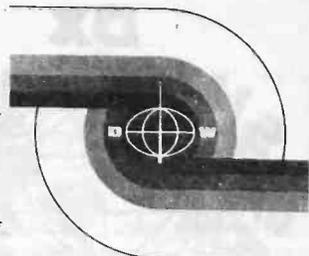
PAPUA NEW GUINEA R.Rabaul heard on 5985 on Sundays with a rugby football commentary up to 0715, then music and sign off 0740.

(Arthur Cushen)

PHILIPPINES FEBC English language

1100-1130 7225 0800-1000 11920 1100-1130 11920 2300-0000 15440
2300-0100 17810

(Benjamin,7/76 SPEEDX)



PHILIPPINES R. Veritas
Overseas English language

RADIO RICA

0100-0200 11725/15280
1400-1500 11725/9610

0100-0105 S/on, prog. prev.
0105-0110 Thoughts in Mx
0110-0115 Share a Thought,
Sun; Our Changing World,
Mon-Fri; Listener's Digest
Sat.

0115-0130 Share A Thought,
Sun; String Vibrations, Mon
Music Trends, Tues; World
in Disc, Wed; Asian Melod-
ies, Thur; Movie Themes, Fri
Listener's Digest, Sat;

0130-0140 News, Daily
0140-0200 Music & the Spo-
ken Word, Sun; Opinions
Please!, Mon; Your Choice
of Music, Tues; Opinions Please!, Wed; Friendship Unlimited, Thur; Opinions
Please!, Fri; Teen World, Sat

1400-1405 S/on, Program preview, Daily

1405-1410 Encounter, Daily

1410-1415 Asia Today, Sun; Our Changing World, Mon-Fri; Our Asian Neighbor, Sat

1415-1530 Asia Today, Sun; Asian Literary Friends, Mon; Portrait of a People,
Tues; Concert in Miniature, Wed; People, Thur; Spotlight, Fri; Asian Folk Tales,
Sat

1430-1455 Asian Memorandum, Sun; RV Talks on the Cinema, Mon; Your Choice of
Music, Tues; Literary Perspectives, Wed; Friendship Unlimited, Thur; Sports News
Fri; Teen World, Sat

1455-1500 Thoughts in Music, Daily

(Mark Bixby)

ROMANIA R. Bucharest English language to North America

0130-0230 0400-0500 5990/6155/6190/9570/9690/11775/11940

(Watts, 7/76 SPEEDX)

SARAWAK Kuching 6060 good with Iban Jews, male speaker gives call and
identification throughout news as R. Malaysia Kuching. (Arthur Cushen)

SOUTH AFRICA Dave Bies sends word that according to the Newsletter #74
of R.RSA's Monitor Panel they now operate on 11890 instead of 11900 as
reported last month.

TURKEY TRT Voice of Turkey

Turkish 0400-2200 9515

Turkish 0400-1330 11880

Arabic 1330-1430 11880

Rumanian 1430-1500 11880

Greek 1500-1530 11880

Bulgarian 1530-1600 11880

Serbo Croat. 1600-1630 11880

Turkish 1630-2100 11880

German 2100-2130 11880

French 2130-2200 11880

English 2200-0030 11880/9515

(Robert Kukan)



UGANDA Uganda Broadcasting Corp.

To West Africa 1753-1830 15325 in English on Sat, Sun, Tues, & Thur

Address is UBC P.O. Box 2038, Kampala, Uganda

(Robert Kukan)

USA WWV According to an announcement at 18 min. past the hour, the
Geophysical storm information was terminated as of July 1 by the agency
sponsoring them. The propagation quality forecast at 14 min. past the hour
is still in use.

(Robert Kukan)

VATICAN R. Vatican Daily schedule to the Americas

2300 Portuguese to Brazil 9615/11725/15200

2330 Spanish to South Latin America 5995/9615/11715/15200



(VATICAN CONTINUED)

0000 Spanish to Central Latin America 5995/9615/11725/15200

0030 Spanish to North Latin America 5995/6105/9605

0100 English to USA, Canada 5995/6105/9605

0115 French to Canada 5995/6105/9605

(Mark Bixby)

VOICE OF AMERICA Here are a few random facts as gleaned from US Information Agency literature forwarded by Stewart Mac Kenzie.

The Voice of America first went on the air 79 days after the attack on Pearl Harbor. In 1942 VOA's network consisted of a dozen shortwave transmitters operated by five commercial companies. Today VOA's network transmitters have a power capacity of 23,010,000 watts. The network consists of 41 transmitters in the USA and 72 transmitters overseas.

The heart of the VOA network is located in Washington, D.C., where VOA's total broadcasts of 772 hours per week in 35 languages originate. The Washington facilities consist of 23 studios, a central recording control capable of producing 80 simultaneous recordings and Master Control. VOA's Master Control is one of the largest and most flexible switching consoles in existence. Through it, programs from VOA studios are fed by land lines or microwaves to transmitters in the USA for relay overseas. The console can handle material from 100 sources and feed 26 programs simultaneously.

VOA maintains a world-wide technical monitoring network that provides current data on signal strength and listening conditions. Last year, the system collected 1.5 million pieces of technical data on atmospheric conditions, signal strength and interference, which were fed through a computer to enable VOA experts to make corrections and plan effectively for the future.

It is estimated that there are about 600 million radio receivers in the world, exclusive of the USA and Canada. Of these, an estimated 200 million are equipped to receive shortwave.

VOA Broadcasting Transmitters (35 kw or over)

Bethany, Ohio (6) BY 1-2-3 175kw BY 4-5-6 250kw Europe, Africa, Latin America

Delano, California (8) DL 1 200kw DL 2-3 50kw DL 4-5 100kw DL 6-7-8 250kw

North Asia, Far East, Latin America

Dixon, California (9) DX 1 200kw DX 2-3 50kw DX 4-5 100kw DX 6-7-8 250kw

Oceania, Far East, Latin America

Greenville, North Carolina (18) GA 1-2-3 3P 1-2-3 500kw GA 4-5-6 3B 4-5-6

250kw GA 7-8-9 3B 7-8-9 50kw Europe, Africa, Latin America

Marathon, Florida (1) MR 50kw (1180 kHz medium wave) Cuba

Bangkok, Thailand (1) BAK 1000kw (1580 kHz medium wave) Bangladesh, Southeast

Asia, Thailand, Northeast India, Burma, West Indonesia

Colombo, Sri Lanka (3) COL 1-2-3 35kw India, Pakistan, Bangladesh

Kavala, Greece (11) KAV-A 500kw (791 kHz medium wave) KAV 1 thru 10 250kw

East Europe, Central USSR, Near East, Africa, South Asia, Balkans, Ukraine

Monrovia, Liberia (8) MVA 1-2-3-4-5-6 250kw MVA 8-10 50kw Africa, Europe, L.A.

Munich, Germany (5) MUN-A 300kw (1196 kHz medium wave) MUN 1-2-3-4 100kw

East Europe, Near East, Africa, USSR, Europe

Okinawa, Ryuku Islands (4) OKI-A 100kw (1178 kHz medium wave) OKI 1-2 35kw

OKI 5 100kw China, N & C Asia, Korea, Soviet Far East

Poros, Philippines (8) PHP-B 100kw (1140 kHz medium wave) PHP 1-2 35kw PHP 5-

6 100kw PHP 7-8-9 50kw China, SE Asia, Indonesia, Soviet Far East, S. Asia

Rhodes, Greece (3) RHO-A 500kw (1259 kHz medium wave) RHO 1-2 50kw Eastern

Mediterranean, Near East

Tangier, Morocco (10) TAN 1-2-3-4 100kw TAN 5-6-7-8 35kw TAN 9-10 50kw

North Africa, East Europe, Near East, USSR

Tinang, Philippines (13) PHX 1-2-3 50kw PHT 1 thru 10 250kw China, South East

Asia, Indonesia, Soviet Far East, South Asia

Woolferton, England (6) WOF 1-2-3-4-5-6 250kw Europe, Africa, Near East, S. Asia

Now dear friends we have a special treat for

all you fine people out there in radio land.

A steamship is twice as old as its boiler was when the ship was as old as the boiler is now. The age of the boiler and ship together is 49 years. How old is each?

House painter Jones has a 10-gallon pail full of paint, an empty 3-gallon, and an empty 7. He has no other cans or measuring gear. How can he divide the paint into two 5-gallon lots by pouring the paint back and forth?

Had a nice phone talk with Derek Lowe, who was in St. Louis to see some Cardinal baseball games and see the sights in Big Town, hi. *Lowe*



QSL SECTION

EDITOR

David F. Simon
263 Ashley Drive
Rochester, NY
14620

(new address below)

The heart of the summer months are upon us and with it comes high frequency DXing, the Bicentennial, and the Olympics. The Bicentennial celebrations were probably "a kill" for the utility DXers, especially those on the east coast. When you've got that many ships assembled in one seaport as they did in New York, your bound to notch a few loggings.

As for shortwave, listening to the African stations may be very interesting, particularly in regard to the Olympics and the fantastic raid by Israel into Uganda.

OUTSTANDING QSLs: Lolyd Kantor reports receiving letter from Radio Milne Bay- Papua New Guinea; ace Radio Moscow DXer, Roger Legge, reports new site of Kingisepp and also People's Democratic Rep. of Yemen Broadcasting Service; Jay Florian notched Radio Pakistan; Glen Cosby QSLd Radio Malaysia; and W.C. Klontz received registered letter from Radio Nacional de Paraguay.

CHANGE OF ADDRESS: As of September 1st, I will be returning to college in Philadelphia. My address will be the same as before but for those who forgot it, here it is.

David Simon
Box 543
3901 Spruce Street
Philadelphia, PA. 19174

With that, we turn to the reports from 52 countries:

ARGENTINA: LOL (Time Station), full data plain card with sked on back in 1 month for 2 IRC's which were returned /s/ Rolando Nawratil (Florian-IL)

ASCENSION ISLAND: BBC (Atlantic Relay), no data Thames card in 24 days along with sked (Kaufman-CA)

AUSTRALIA: ABC Perth, 15425, VLW15, map card in 16 days for no rp (Kaufman-CA)
Radio Australia, 15320, card of surf lifesaving boat in 3½ months (Cosby-CA)
7220, bush card in 23 weeks for no rp (Vockeroth-PA)

BRAZIL: Radio Nacional de Brasilia, 11780, yellow map card with full data in 28 days for 2 IRC's, also sent sticker (Rojewski-WA)

CANADA: RCI, 6085, full data card in 21 days (Kaufman-CA) 9650, do-it-yourself Olympic card of world map in 36 days (Abel-IL) 11860, same card in 17 days (Vockeroth-PA) 9650, card in 11 days air for no rp (Rojewski-WA)

CHINA (REPUBLIC OF): VOFC, 11825, painting card in 3 months (Cosby-CA) 17890, full data card in 125 days for 1 IRC and sked (Kaufman-CA) note- I list the name of this country by its proper name and not by an unmentioned country who desired differently.

CHINA (PEOPLE'S REP. OF): Radio Peking, 15060, blue card with full data less time in 49 days for used stamps, also sent sked (Abel-IL)

CONGO: RTV Congolaise, 15190, full data mimeographed letter in 2½ weeks for 3 IRC's and English report (Kantor-NY)

COSTA RICA: TIPC, 9645, plain yellow and purple card with full data in 35 days for mint stamps /s/ Mary H. Steele (Florian-IL)

CZECHOSLOVAKIA: Radio Prague, 7345, card of St. Barbara's Church, and monitor club membership card in 4½ months (Abel-IL) 5930, card of Zitska Square in 41 days (Cosby-CA) 5930, card in 40 days for used stamps (Abel-IL)

DENMARK: Radio Denmark, 15165, full data card of aerial tower in 31 days air for 2 IRC's and EE report (Rojewski-WA)

DOMINICAN REPUBLIC: Radio Clarin, HILR, 4850, received letter of veri with date only, also station and program data sheets in 205 days for SS report and mint stamps (Johnson-IN)

GUADOR: HCJB, 11915, DX Party Line Card in 56 days for no rp, also sent pennant (Florian-IL) 15300/9560/9560, #'s 1,3,&4 in woodcarving series in 41 days (Kaufman-CA) 6075, woodcarving card in 39 days (Cosby-CA) 17755, card of lizard for ms in 39 days (Abel-IL) 9560, card of Indian couple in 20 days (Johnson-IN)

- ENGLAND: CBC, Daventry, 7260, Olympics card in 2 weeks (Legge-VA)
- ETHIOPIA: ETLF, 11830, full data red card for 2 IRC's, also sent sked (Florian-IL)
- FINLAND: Radio Finland, 15110, full data card of summer in Finland, also sent pennant and sked in 1 month for used stamps (Abel-IL)
- FRANCE: RFI, 15115, full data card in 21 days for 1 IRC, also sent sked (Kaufman-CA)
- FRENCH GUYANE: FR3 Cayenne, 3385, FR3 card with frequencies and power printed on card in 6 months for follow-up and 6 IRC's and FF report (Kantor-NY)
- GERMANY (DDR): RBI, 15255, full data card of painting of tower and city of Berlin in 35 days air for 2 IRC's (Rojewski-WA)
- GERMANY (FRG): Deutsche Welle, multicolored card with no data in 3 months (Abel-IL)
- GHANA: Radio Ghana, 4915, full data card and sked in 36 days for used stamps (Abel-IL)
- GREECE: Voice of Greece, 9760, card in 7 weeks for EE report and 1 IRC, also sent sked (Vockerth-PA)
- HUNGARY: Radio Budapest, 6000, purple card in 2 months (Cosby-CA)
- ISRAEL: IBA, 15100/11485, full data card of Shrine of the Book in 37 days for no rp (Florian-IL) 11645, card of Knesseth building and sked in 38 days for used stamps (Abel-IL)
- ITALY: RAI, 6010, full data card of painting in 3 months for used stamps (Abel-IL)
- JAPAN: Radio Japan, NHK, 15105, received full data card of a mask of a women in 14 days for no rp, also sent postcard, reporting airgram and map of Japan (Johnson-IN) 15270/15300, card and literature on DX program (Hardester-CA) 9585, card in 12 days (Cosby-CA) note- Radio Japan is issuing new QSL cards very soon, pictures below-ed.
- KOREA (REP OF): Radio Korea sent sked and pennant and report forms for report (Hardester-CA)
- LIBERIA: VOA, Monrovia, 6035, capitol card in 2 weeks (Cosby-CA)
- MALAYSIA: Radio Malaysia, Kuala Lumpur, folder card with map of Malaysia and picture of station in 66 days, freq was 9665 (Cosby-CA)
- NETHERLANDS: Radio Nederland, 11730, full data card in 31 days for no rp (Kaufman-CA)
- NETHERLANDS ANTILLES: TWR, 11785, antenna card, sked and religious material in 9 weeks for SS report and no rp /s/ Julius P. Schipper, also sent calendar and pennant (Vockerth-PA) 11925, flamingo card folder and pennant in 2 weeks for 1 IRC (Yanko-PA)
Radio Nederland, 6165, full data Edward Startz card in 16 days air for no rp (Hardester-CA)
- NEW ZEALAND: Radio New Zealand, 15350, full data Rugby card (on tour in South Africa?) in 15 days air, also sent sked and request for IRC's if replies desired (Hardester-CA) 11780, fisherman card, sked and pennant for 2 IRC's (Vockerth-PA)
- NIGERIA: Voice of Nigeria, 7275, flag card in 48 days for 2 IRC's (Cosby-CA)
- NORWAY: Radio Norway, 9645, card of Karl Johan street in 52 days (Cosby-CA)
- PAKISTAN: Radio Pakistan, 17830, full data veri letter less time in 30 days for 2 IRC's (Florian-IL)
- PAPUA NEW GUINEA: NBC, 9520, letter in 71 days (Cosby-CA)
Radio Milne Bay, 3360, personal letter verifying report and also QSL card with full data in 1 month for 4 IRC's (Kantor-NY)
- PARAGUAY: Radio Nacional, ZPA1, 6025, registered letter and fotocopia of original report with station stamp for SS report and 1 IRC in 113 days after follow-up (Klontz-CA)
- PHILIPPINES: Voice of Philippines, pink card, 9580, in 100 days (Cosby-CA)
FEBC, 11890, village card in 47 days (Cosby-CA)
Radio Veritas, overseas map card of SE Asia in 34 days (Cosby-CA)



(information via David Zukofsky-NY)

PORTUGAL: Radio Portugal, 11935, picture card of Saint Roque Church in 13 days for 1 IRC (Yanko-PA)

Voice of Hope, 9670, world people card and religious material in 8 weeks for EE report and 1 IRC, also sent pennant (Vockeroth-PA)

CBC, Sines, 7285, Olympics card in 2 weeks (Legge-VA)

ROMANIA: Radio Bucharest, 5990, full data card of Peles Castle in 81 days, also sent stickers and used stamps (Abel-IL) card of building in 73 days (Cosby-CA)

SINGAPORE: Radio Singapore, 11940, station logo card with full data in 22 days for 2 IRC and EE report (Rojewski-WA)

SOUTH AFRICA: Radio RSA, 11900/21535, cards in 6 weeks with full data for no rp (Vockeroth-PA)

SPAIN: Radio Nacional de Espana, 11880, full data card of transmitter building and antenna towers in 68 days air for no rp, also sent pennant for taped SS report (Rojewski-WA) 6065, full data QSL cards in 57 days for no rp (Johnson-IN) 11730, card in 49 days for no rp (Kaufman-CA)

SRI LANKA: VOA, Colombo, 15185, full data capital card in 3 days (Florian-IL)

SWEDEN: Radio Sweden, 15240, full data card with map of country in 62 days for 1 IRC and EE report (Rosinski-PA)

TAHITI: Radio Tahiti, 15170, full data multi-colored card of girl in 100 days for 2 IRC's (Florian-IL)

TANZANIA: Radio Tanzania, 15435, received yellow card with full data for EE report and mint stamps in 96 days (Johnson-IN)

USA: WYFR, 15440, microphone card with full data in 21 days for no rp (Kaufman-CA)

USSR: NO SITES- Radio Kiev, 7205/7150, sent 5 full data cards for 5 reports and pennant (Florian-IL) 7150, circle card and report forms in 9 weeks (Vockeroth-PA)

Radio Moscow, 5940, triangle card in 7 weeks (Vockeroth-PA) 11730, card of CMEA ? building in Moscow in 29 days (Abel-IL)

BYELORUSSIAN SSR- Radio Moscow, 9655, Orsha, card in 23 days for no rp (Florian-IL) 7105, Orsha, Grand Kremlin card in 5 weeks (Vockeroth-PA)

RSSFR (ASIATIC)- Radio Moscow, 17720, Petropavlovsk-Kamchatsky, card in 23 days for no rp (Florian-IL) 12055, Khabarovsk, card of view of Kremlin from Moskva River in 5 weeks for no rp (Vockeroth-PA) 7150, Sverdlovsk, card in 5 weeks (Vockeroth-PA) 9710, Petropavlovsk-Kamchatsky, card in 1 month (Hardester-CA) 11690, Khabarovsk (Hardester-CA) 11720, Kenga (Hardester-CA) 12000, Khabarovsk (Hardester-CA) 15210, Petropavlovsk-Kamchatsky (Hardester-CA)

RSSFR (EUROPEAN)- Radio Moscow, 12000, Tula, card in 1 month for African Service (Legge-VA) 9760, Kingisepp, card in 1 month for Afro Service (Legge-VA) 7355, Moscow, card of Kremlin in 5 weeks (Vockeroth-PA) 11805, Moscow, card in 38 days (Cosby-CA) 7205, Armavir, circle card with full data in 6 weeks, also sent calendar card and report forms (Vockeroth-PA)

ATICAN: Vatican Radio, 9605, full data card in 14 days for 1 IRC (Kaufman-CA) full data color card of Vatican in 10 days air for no rp (Hardester-CA)

VENEZUELA: Radiodifusora Venezuela, 4890, letter in 46 days (Cosby-CA)

Radio Nacional, 15390, YVRO, full data letter in 2 months for ms /s/ Charlie Nash (Florian-IL)

Radio Universo, YVMS, 4880, received blue/white full data QSL for mint stamps and SS report in 43 days (Johnson-IN)

LET NAM: VOVN, 10040, usual plain official card in 4 months for no rp, also sent sked and magazine (Florian-IL)

YEMEN (PDR): People's Dem. Rep of Yemen Broadcasting Service, Aden, 7190, card in 2 months (Legge-VA)



all, this is a first. The loggings are complete with room to spare but not much. Things to look for in the future will include a revision of the Radio Moscow article of Sept 74 to include many new listed sites. Also, possibly, a few feature articles on stations or their QSL policy. Dont forget my new address as of September 1st.

PoTpOuRrl

ANARC, HAP,
Hi.Lights, Odds
and Ends, Editorials, Features

AUGUST 1976

Concocted by:
WOODY SEYMOUR, JR.
P.O. BOX 848
SANFORD, NORTH CAROLINA 27330 U.S.A.

Deadlines: HERE
by the 10th

GOODBYE TO A FRIEND...1976 has not been a good year for the DX hobby. Earlier this year we said goodbye to Edward Startz of Holland, a pioneer shortwave broadcaster. Now we have lost the Dean of DXers, August Balbi. August Balbi, like Eddy Startz, was a pioneer. August was a pioneer in the hobby of shortwave listening and DXing. He was an active DXer throughout the years, and this activity continued right up to his death. He accumulated thousands of QSLs during his career, and his collection can be considered a History of the QSL. He was a founder of the ASWLC and continued to be a loyal and active member even after he retired from club administration. On a personal level, he was a friend to many DXers. I had the pleasure and honor of meeting him in 1973. The few hours that were spent at his home in Los Angeles with Stew MacKenzie and Clint Tatro will long be remembered by this writer. A tape recording that I made of August Balbi reminiscing about his DX career will be kept as a sound memorial to the Dean of DXers. August Balbi was not just an outstanding member of the DX hobby--he epitomized the great fun, thrilling experiences and warm companionship found in the hobby of DXing.

Aggregation of
Nostalgic and
Egotistical
Radio
Diehards

1976 Convention Report

by

A. Tandy, D.X.er and
Club Rep.

A HI.LIGHTS PRESENTATION!!!!

AAAAAAAAAAAAA
NNNNNNNNNNNNN
EEEEEEEEEEEEEE
RRRRRRRRRRRRR
DDDDDDDDDDDD

The 1976 Convention of ANERD was recently held in Los Angeles, CA. Scads of DXers were in attendance at this year's confab, according to the Chairguys Stew McFrenzy and John Donston. Many of the DXers arrived early to tour the Southern California attractions--Disneyland, Hollywood and Jon Donston's DX Oasis. Others (who had attended an ANERD Convention before) realized that the convention would top anything Disney could put together and arrived on time. The first day was spent with registration, registration and registration. You see, the big excitement was scheduled for Saturday and Sunday!

SATURDAY'S ACTIVITIES...The day of days had four features of interest to the DXers in attendance. First, the group toured the TRACKON facilities at the nearby LA International Airport. It was an uneventful tour except for the DXer who brushed up against some controls and nearly caused a headon collision between two Junbo Jets. Then it was back to the convention hall for some talks on DXing. These talks are an annual feature of ANERD Conventions, and the feature talk this year was given by John Donston. John spoke on "DXing in the South Atlantic". A U.S. Navy film on "Radio During the Spanish-American War" was shown following the talks. Then it was time for a late lunch. In the afternoon, an auction was held for the benefit of ANERD. Some exciting items were put up for sale, including an Elsinore, California City Limit sign (rumored to be the only one of its kind), a soggy briefcase with a "McGovern for President" bumper sticker on it, some leftover pretzels, some RAPIDX Ocean Tide Table DX Charts, a San Diego Padres batting helmet left over from the 1973 Convention, an 8 by 10 autographed glossy photo of Luther Toledo, a rare photo of Mack Micken actually DXing, a container of leftover Chris Hansen lasagna, a map showing Tristan de Cunha and the Maldives Islands, one used Bill Flynn pipe, a book entitled "Ghanian Pen Friends", a beverage antenna made out of creme soda cans (convertible for use on newlyweds' cars) and a recording of "Radio Habana's Memorable Moments." The auction netted \$8.02 and three Georgia peanuts. (CONTINUED)

ANERD Convention, Con't...The final event of Saturday was the annual banquet. This year the banquet was catered by Rob's Big Boy. The convention attendees packed away the food in preparation for the convention speaker. A representative of U.S. Government Committee on the Wise Use of Frequency Allocations for Buoy (COWUFAB) gave an interesting talk on "The Problems of Buoy Identification During Ionospheric Storms in the Mid-Pacific". The representative later fielded questions, most of which were concerned with what exactly he had said in his speech. It was time for some more DX chatter and some late night DXing. It was reported that the Voice of Free China was logged during the late night DX session, but two DXers from Vancouver denied the existence of the station--they only listen to Radio Peking.

SUNDAY'S ACTIVITIES...About two-thirds of the DXers decided to sleep late on Sunday morning--the other one-third of the group decided not to go the ANERD business meeting. After the ANERD business meeting, tapes from well-known personalities were played for the DXers. Omar M. Omar sent his greetings--to those attending--from Radio Zanzibar, and he explained how to get a QSL from the station. Khris Hansen sent his taped regrets at not attending the convention and then read from the Latin version of the Iliad. A tape from Radio Canada International explained their QSL Policy of the Month. At the conclusion of the tape recordings, it was time for the DXers to say goodbye to each other. It was a sad occasion, but all who attended the convention knew that they had had a weekend to remember. And don't forget--there will be another ANERD convention again next year! CUN 365

5 EDITOR'S CORNER...In all seriousness, I hope that the ANARC Convention was a big success, and I regret being unable to attend. You might be wondering what the large number here at the left is doing. Well, this month's column is a special one, because it marks the beginning of my sixth year as an editor for the ASWLC. It seems hard to believe that I've been doing a column for five years. During this time I have had a lot of people help me with the column. Thanks to all the members that have contributed to my columns over the years--to The Americas from 1971-73 and to PoTpOuRrI from 1973--present. I hope to continue in this capacity in the future, but it will take your continued support for me to continue to do the column. I've said it many times in the past--without your help, this column would be blank paper (and some wish that it was).

GOOD MORNING IN THE LATE AFTERNOON...Last Thursday, July 15, I had one of the biggest thrills of my DXing years. Let me begin the story by telling you that my hometown (Sanford, N.C.) has been hosting the National Checkers Championships this past week. In discussing possible ways to use the checker tournament as publicity for Sanford (with a friend of mine at the Chamber of Commerce), I came up with the idea of getting the Voice of America to cover the tournament. There were some participants from Europe and Africa here, and it seemed to be a good idea at the time. So I immediately sent off a letter to Mr. Phil Irwin, the host of the VOA's Breakfast Show. I had worked with him in getting publicity over the VOA for the 1973 ASWLC Popularity Poll. In my letter I mentioned the tournament and suggested that it would be a good thing for the VOA to cover. Then, on the afternoon of the 15th, the telephone rang at my residence. I answered it, and the caller was none other than Mr. Phillip Irwin, calling directly from the VOA--Washington! We had a pleasant chat for a few minutes, covering the spectrum from the checker tournament to the Breakfast Show. To receive a telephone call from an international broadcaster was a mind-boggling experience to say the least! As the conversation was concluding, he invited me to visit the VOA in Washington soon. Yes, this was both one of the most exciting and one of the most surprising events in my time as a DXer. By the way, the VOA will not be able to cover the checker tournament, because I did not give them enough time to send a correspondent down here. So if you want VOA coverage of an unusual event in your area, be sure to give them plenty of notice!

It's now time for Part 2 of our series on the Travelers Information Service. This month we look at "The Proposal" and other things.

SPECIAL FEATURE

PoTpOuRrI

SPECIAL FEATURE

"Traveler's Information Service: A New Medium in Medium Wave Broadcasting"

PART II

© by Michael S. Hardester 1976

As presented to the FCC, the TIS would be limited to the above-mentioned frequencies, and power output would be limited to a maximum of 10 watts, though the majority of those TIS stations presently in use operate with only 0.1 watt--100 milliwatts. Further, hours of operation are unrestricted.

The transmitters and other equipment are commercially manufactured, and consist of an AM transmitter, gain antenna, power supply, timer, and a book of instructions. In January of 1975, the preceding equipment was priced at \$1,200.00; for an additional recorder and/or repeating unit, \$750.00 was to be added, and thus a complete unit is just under \$2,000.00. The power output, up to 15 watts, and operating frequency, one of the 3 mentioned above, is selected by the purchaser and present by the manufacturer.

Regarding the TIS concept, the FCC states: "For some time the Commission, together with other Federal Government agencies, has been studying the need for and feasibility of using low power radio transmitters to communicate certain kinds of information to travelers. For example, radio might be used to alert motorists to road hazards, to inform them of available food, gasoline, or lodging or to direct them to local points of interest. Also, Federal Government agencies have expressed a desire to use radio at parks and other national tourist areas to inform and advise travelers and to control traffic during emergencies such as forest fires. It appears that the use of radio can, in many situations, offer significant advantages over road signs or other methods now being used for these purposes.

At present, several Federal agencies operate low-powered stations conforming to the FCC proposal and most notably are the National Park Service, Bureau of Land Management, Forest Service, U.S. Custom's Agency, and a few international airports (for example, Los Angeles International-Editor). Similar systems are also used at Disney World (to guide cars into the Park) and in drive-in movies (to give the customers the choice of using the drive-in's speakers or their own car radios). Following is a brief list of stations currently known to be operating (located mostly in the Western USA): (Note that these have been edited due to space limitations-Editor)

In California, units are found are Tahoe National Forest, Sequoia and Kings Canyon National Parks. Cabrillo National Monument in San Diego is supposed to have a system, but no one has bothered to tell that to the rangers there yet! They aren't even aware of the concept of TIS! Moving down toward Mexico, the U.S. Customs operates a station on 1600 to provide English and Spanish information to travelers approaching the border. This station has been heard up to 15 miles away!

In Nevada, TIS stations are located at Lake Mead and in the Lemon-Caves Wheeler Peak Area of the Humboldt National Forest. Other stations are located at the Flaming Gorge National Recreational Area, Ashley National Forest in Utah. Finally, a unit at the Idaho Springs (Colorado) Visitor Center provides information "after hours"--from sunset to sunrise.

Though this article is directed at TIS operations in the USA, one cannot ignore similar operations in Canada. Six stations operate in Canada and these use "graveyard" frequencies (those frequencies around 1200-1400 kHz used by many low-power broadcasters).

(Editor's Note--This concludes this portion of Mike's excellent article. Some things have been edited to conserve space. Next month we conclude the article by discussing the system in operation at the Los Angeles International Airport. We'll also look at the possibility of DXing these stations. So watch out for TIS, Part III next month!)

Thus another column is concluded. Next month I hope to have an article on Automated Radio prepared. Also, there will be ANARC and HAP news, and perhaps the DX Forum will return. Remember, your help is needed to make this column work. So ends Edition #59 of PoTpOuRrI. CU in September and a new DX season!!! 73, Woody Woody 7/19/76 (40)

A S P E C I A L A N N O U N C E M E N T

F R O M

T H E H A N D I C A P P E D A I D P R O G R A M

ON THE OCCASION OF HIS RETIREMENT FROM ACTIVE SHORTWAVE BROADCASTING, AND AS A TOKEN OF HAP'S THANKS FOR ALL HIS MANY EFFORTS ON BEHALF OF THE HANDICAPPED AID PROGRAM, HAP WILL BE HONOURING HARRY VAN GELDER WITH A PRESENTATION PLAQUE.

THE PRESENTATION TO HARRY WILL BE MADE BY IAN McFARLAND OF RADIO CANADA INTERNATIONAL, WHO IS ALSO A MEMBER OF THE HAP INTERNATIONAL CO-ORDINATING COMMITTEE, AND IT WILL TAKE PLACE DURING THE DX JUKE BOX PROGRAM ON THURSDAY, SEPTEMBER 16, 1976.

WE WOULD APPRECIATE IT VERY MUCH IF YOU COULD HELP US TO PUBLICIZE THIS EVENT BY MENTIONING IT ON YOUR DX PROGRAM, OR BY PUBLISHING THE INFORMATION IN YOUR CLUB BULLETIN OR NEWSLETTER.

THANKS & BEST 73,

THE HANDICAPPED AID PROGRAM.

July 13/76



PROPAGATION

PROPAGATION ROUNDUP

PAST AUGUSTS

| | SOLAR FLUX | | | K-INDEX | SUNSPOT # | | | YEAR | SOLAR FLUX | SUNSPOT # |
|-----|------------|----|------|-----------|-----------|---|-----|------|------------|-----------|
| | L | H | AVG | | L | H | AVG | | | |
| Jun | 67 | 76 | 70.0 | 1.57±0.90 | E | E | 9 | 1973 | 2.7 | 25.6 |
| + | 66 | 75 | 68.5 | 1.44±0.99 | - | - | - | 1974 | 86.3 | 33.7 |
| Aug | - | - | 69E | 1.7E | - | - | 8 | 1975 | 50.9 | 39.3 |

L, low; H, high; E, estimate.

MAGNETIC STORM SUMMARY

SELECTED SUNRISE(SR)
SUNSET(SS) TIMES

| | | | |
|--|----------|------|------|
| Jun: 11, mGMS; | CITY | SR | SS |
| + : 1, mGMS; 9, a: | Tashkent | 0048 | 1359 |
| Aug: 4, mGMS | Accra | 0555 | 1804 |
| | Bern | 0447 | 1812 |
| | Bogata | 1056 | 2302 |
| mGMS-minor geomagnetic storm; GMS-ma- | Tahiti | 1639 | 0356 |
| for geomagnetic storm; a-active condi- | Tokyo | 2013 | 0910 |
| tions. | Darwin | 2139 | 0856 |

Times in GMT;

SOLAR ACTIVITY

| | |
|---------------------|-------------------------|
| Jun: none; | +, 80 day period ending |
| + : none; | July 15; |
| Aug: none expected; | M, Missing; |

As of July 1, 1976, WWV/H have dropped the geo-alerts which were given at 18 minutes past the hour. The propagation forecasts, solar flux, geomagnetic activity and K-Index information will continue to be given at 14 minutes past the hour over WWV.

The major effect of this change is that the A-Index, a measure of geomagnetic activity will no longer be given by WWV/H or in this column. As a replacement, the K-Index, another measure of geomagnetic activity, will be used.

A K-Index of less than 3 means that the geomagnetic field is quiet, 3 unsettled, 4 active, 5 minor geomagnetic storm conditions and 6 to 9 indicates major geomagnetic storm.

The K-Index, being updated every 6 hours, is more sensitive to change than is the A-Index which is compiled over a 24 hour period. Over the past 18 months, the monthly K-Index averages were 2.31. The range of the K-Index during most months was 0 to 5. Therefore, the low and high values for the K-Index will not be listed in this column as was the practice with the high and low A-Indexes. Instead, the average K-Index will be given along with the range of values of the K-Index in which 2/3 of the month's K-Indexes fell. For example, The average K-Index value for June was 1.57, and 2/3 of the month's readings were between .67 and 2.47.

The sunspot data is missing due to the fact that the SEC SW-Merry-Go-Round is pretaped for the summer, and hence the sunspot data is not included. However, as soon as I get the values for June, I will print them.

| TIME INDEX | TIME INDEX | TIME INDEX | TIME INDEX | TIME INDEX | TIME INDEX |
|------------------------|------------|-------------------------|------------|-------------------------|------------|
| 1600 GMT | local | 2000 GMT (continued) | | 2200 GMT (continued) | |
| 9410 Great Britain BBC | | 9745 Iraq | | 9505 Spain | |
| 9478 Albania R Tirana | | 9912 India | | 9515 Turkey | |
| 9505 Japan RJ | | 11620 India | | 9585 South Africa RSA | |
| 9540 Poland | | 11720 Canada CBC | | 9625 Egypt | |
| 9560 Jordan | | 11730 Malagasy Rep RN | | 9720 USSR R Moscow | |
| 9580 Philippines VOP | | 11800 Italy | | 9720 USSR R Vilnius | |
| 9585 Japan RJ | | 11855 Canada RCI | | 9755 Portugal RP | |
| 9595 Japan JOZ3 | | 15084 Iran | | 9755 USA AFRTS | |
| 9670 Japan RJ | | 15100 Israel | | 9805 Egypt | |
| 9720 Sri Lanka SLBC | | 15385 Mexico XERMX | | 9815 Israel | |
| 10040 Vietnam | | 15540 Israel | | 11625 Israel | |
| 11705 Japan RJ | | | | 11690 Israel | |
| 11745 Ecuador HCJB | | 2100 GMT | local | 11720 Canada CBC | |
| 11815 Japan RJ | | 6040 Canada RCI | | 11730 Netherlands | |
| 11845 France | | 7325 Great Britain BBC | | 11800 USSR R Vilnius | |
| 11940 Singapore | | 9525 India | | 11805 USSR R Moscow | |
| 11965 Australia RA | | 9525 South Africa RSA | | 11880 Turkey | |
| 15115 Ecuador HCJB | | 9585 South Africa RSA | | 12045 Israel | |
| 15200 France | | 9590 USSR R Moscow | | 15070 Great Britain BBC | |
| 15200 USSR R Moscow | | 9620 Yugoslavia | | 15185 USA WINB | |
| 15210 France | | 9690 Romania | | 15330 USA AFRTS | |
| 15300 France | | 11672 Pakistan | | 15385 Mexico XERMX | |
| 15425 Sri Lanka SLBC | | 11730 Netherlands | | 15400 Venezuela YVRO | |
| 17820 France | | 11780 Brazil RNB | | 15420 USA AFRTS | |
| 17855 France | | 11780 Great Britain BBC | | | |
| 21495 Portugal RP | | 11855 Canada RCI | | 2300 GMT | local |
| | | 11870 Switzerland | | 6090 Luxembourg | |
| 1700 GMT | local | 11880 Turkey | | 6120 Sweden | |
| 11850 Kuwait | | 15105 Grenada | | 9625 Canada CBC | |
| 15135 West Germany DW | | 15105 Japan RJ | | 9695 Sweden | |
| 17780 Ecuador HCJB | | 15310 Bulgaria R Sofia | | 9710 USSR R Moscow | |
| 17890 Egypt | | 15325 Canada RCI | | 11535 North Korea | |
| | | 15385 Mexico XERMX | | 11705 Sweden | |
| 1800 GMT | local | 15415 Hungary | | 11710 Argentina RAE | |
| 9480 Albania R Tirana | | 15415 USA UNR | | 11740 USA VOOAS | |
| 9505 Japan RJ | | 17820 Canada RCI | | 11760 USSR R Moscow | |
| 10040 Vietnam | | | | 11850 USSR R Moscow | |
| 11730 Netherlands | | 2200 GMT | local | 11870 USSR R Moscow | |
| 11805 USA WYFR | | 3316 Sierra Leone | | 12050 USSR R Moscow | |
| 11825 Taiwan | | 5980 South Africa RSA | | 15115 USA VOOAS | |
| 11860 South Korea RK | | 6040 Canada RCI | | 15160 USA VOOAS | |
| 15010 Vietnam | | 7390 USSR R Moscow | | 15240 USA VOOAS | |
| 15012 Vietnam | | 9435 Israel | | 15270 Japan RJ | |
| 15240 Sweden | | | | 15300 Japan RJ | |
| 15325 Uganda | | | | | |
| 15330 Austria | | | | | |
| 15410 USA UNR | | | | | |
| 15430 USA AFRTS | | | | | |
| 17730 Sweden | | | | | |

This is the continuation of the third of a series of short interviews with the people who you hear on the numerous shortwave DX programs.

DX PROGRAMME
Radio Sofia

ASWLC: Please identify the regular members of the DX Programme?

Radio Sofia: There are no permanent members, but our DX Programme is read by all the announcers of the English Service of Radio Sofia.

ASWLC: What is the program material and how many days before the first broadcast is the DX Programme recorded?

Radio Sofia: The DX Programme includes propagation at times, irregularly monitor's reports, and DX tips when available. We record the program four or five hours before the first transmission.

(to be continued in the next issue)

RADIO CAIRO'S OVERSEAS SERVICES TO NORTH AMERICA.

Radio Cairo broadcasts in four languages to North America. The four languages are English, Arabic, Spanish and French, and the details of each program are as follows:

ENGLISH PROGRAM TO NORTH AMERICA.

Wavelength: 9475 Kilo Hertz - 31.66 Meters
Time: 0200 to 0330 G.M.T.
Daily Program: 0202 - Egyptian Music
0205 - Cultural Program
0210 - Egyptian Song
0215 - News
0225 - Political Programs

SATURDAY - Top Hits
SUNDAY - Cultural Life - Egyptian Diary
MONDAY - Stamp Club - African Music
TUESDAY - Musical Life in Egypt-Life & Thought in Ancient Egypt
WEDNESDAY - Arab World-Listeners Mail
THURSDAY - Music Around the World-Life in Egypt-Egyptian Economy.
FRIDAY - Cairo & Washington-Listeners Mail.

SPANISH PROGRAM TO NORTH AND LATIN AMERICA.

ONDAS 31.66 Metres = 9.475 Kilo Hertzies, hacia America del Norte

ORA 00.45 a 02.00 G.M.T.

PROGRAMAS DIARIOS 01.15 Noticiario
01.25 Programas politicos.

LUNES - La Vida Cultural-El Cairo Contests
MARTES - Club de Amistad-Luces sobre-Oriente Medio
MIÉRCOLES - La Juventud Egipcia-Revista del Aire
JUEVES - La Economia Egipcia-Palabras que Tienen significado
VIERNES - Enciclopedia Arabe-Pales,Tierra y Pueblo
SABADO - La musica de les Puebles-Palabras que tienen significado-Luces Sobre Nuestra Vida Cotidiana
DOMINGO - La Civilización Egipcia-Les instrumentos Musicales en Egipto.

PROGRAMME en LANGUE FRANCAISE VERS L'AMERIQUE du NORD.

Sur 31.17 Metres - 9625 Kilo Hertz.

De 1 H à 2 H H. G.M.T., de 20 H à 21 H. de Quebec.

De 1 les Jours à 1 H.15. G.M.T. Bulletin d'informations.

à 1 H.25 G.M.T. rubrique politique.

LES LUNDIS - Hit Parade - l'economie en Egypte
LES MARDIS - Lumieres sur le Merfen - Orient
LES MERCREDIS - le Club des Auditeurs
LES JEUDIS - Le Monde Arabe
LES VENDREDIS - Promenade au Bord du Nil
LES SAMEDIS - Nouvelles de la vie scientifique
LES DEMANCHES - la Vie Culturelle.

ARABIC PROGRAM.

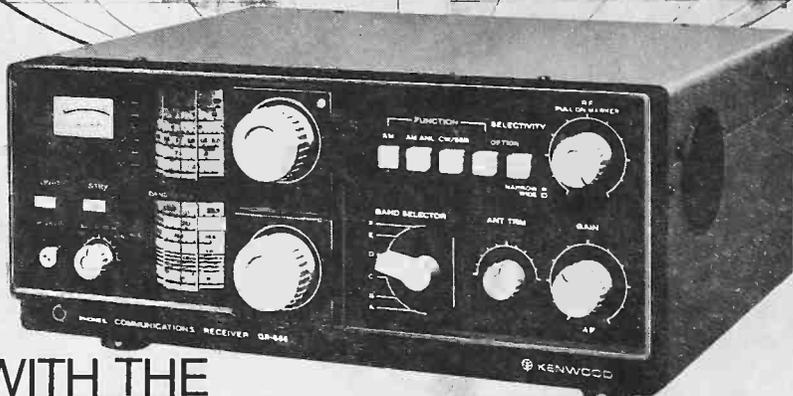
Wavelength: 31.17 Meters - 9525 Kilo Hertz.

Time: 0200 to 0300 G.M.T.

Daily Programs: 0201 - Koran
0205 - Cultural Program
0215 - News
0225 - Political or Economic Commentary

SATURDAY - Requests
SUNDAY - With Arab Students Abroad
MONDAY - Questions and Answers
TUESDAY - Poetry Program - Arab Books
WEDNESDAY - Arab Operettas
THURSDAY - Listeners Mail
FRIDAY - Encyclopedia.

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