

# SPEEDY

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### Cover Art:

.....DX GETS THE BIRD  
Drawing by Brent Allred



The early bird  
catches the best DX !

**MAY**  
**1987**

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**The DX Radio Magazine for Active SWLs**



## UP FRONT

Tom Kephart  
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- Magazine News
- Board of Directors
- News
- Hobby Calendar
- Member Letters
- Want Ads
- Last-Minute Information

- RADIO COUNTRIES
- ANYTHING ELSE...

I can't always guarantee a "next-day" response, but I promise to answer all letters received within a reasonable period of time. Let me know what you think of *SPEEDY*; it's your magazine!

**MAY/JUNE HOBBY CALENDAR** Clubs and Local Chapters with upcoming meetings or events are welcome to send the information to me, and I'll print a calendar of events each month this column appears. This month's stuff:

**MANAGING EDITOR CHANGE** After four years, Rick Drollinger will be stepping down as Managing Editor of *SPEEDY*. Rick has overseen a number of positive changes in the magazine's format, and has recruited almost all of the fine editors now working for us.

I will be taking over for Rick as Managing Editor. I would welcome any comments you may have about any of the following topics:

- CURRENT COLUMNS
- POSSIBLE NEW COLUMNS
- ABBREVIATIONS

• **Saturday, June 13** GILFER SHORTWAVE'S Second Annual SWL-Fest/Flea Market! 9 am to 3 pm, rain or shine. Shortwave only! Used equipment and special prices on new gear. All equipment will be on display and operational. Free admission for all visitors. Sellers fee \$3.00, tailgate only, bring own table. Reservation deadline is June 1st. Location: Gilfer Shortwave, 52 Park Avenue, Park Ridge, NJ 07656. More information? (201) 391-7887.

That's all I have. Don't forget to nominate someone for the Board of Directors election! Information on ANARCON '87 next month. See you in 30 or so... *Tom*

## WANT ADS

Want Ads is a service for *SPEEDY* members. Ads are printed on a space-available basis, and are included in the order they are received. *SPEEDY* assumes no responsibility for claims made in ads. Send all want ads to the UP FRONT editor. Thanks.

**FOR SALE:** 1987 Edition of the WRTH in mint condition. I will autograph if desired, as Glenn Houser and I are the only WRTH Collaborators in USA. \$14 includes postage. Only one available. Also **WANTED:** Members in Northern Virginia to form a Local *SPEEDY* Chapter, get-togethers, cookouts, bull sessions, etc. Kraig Krist, 7213 Sipes Lane, Annandale, VA 22003. Phone 750-6434 after 2100 UTC.

**FOR SALE:** UNIDEN CR-2021, all accessories, very good condition, original carton. \$100, 1 pay shipping. Tom Daly, 18 Phyllis Drive, Pomona, NY 10970.

**FOR SALE:** MCKAY-DYMEK DR-44 (rack mount used by FAA), exc. condition, \$250. R390A restored, has solid-state power supply, exc. condition, with manual, \$275 (can't ship this one, you pickup or I'll deliver within 100 miles of New York City). HALLICRAFTERS SX-100, near mint condition, with calibrator, \$100. LAFAYETTE HE-30 with manual, mint, \$70. PANASONIC RF2800, semi-functional but needs work, with manual, \$50. MCKAY-DYMEK DA1000 control module, only \$40. Prices negotiable and do not include shipping. Herb Shalz, 65-09 99th, Apt. 6T, Forest Hills, NY 11374. Phone (718) 275-9215. 2200-0200 UTC weekdays, weekends anytime.

**WANTED:** Schematic and operating manual for LAFAYETTE BCR-101, vintage late 70's to early 80's, will accept photocopies. Kenneth Newman, 2085 Rockaway Parkway, Brooklyn, NY 11236. Phone (718) 968-1019, 8:00-11:00 pm EDT weekdays, all day weekends.

**FOR SALE:** YAESU FRG-7 receiver with GILFER GAR-7 digital readout, with manuals, \$150. YAESU FRG-7700 receiver, digital with 24 hour clock, with manuals, \$175. PANASONIC RF-2200 receiver, includes FM, \$125. AUTEK RESEARCH SSB/CW/AM filter, with manuals, \$50. PALOMAR 1.8-54 MHz antenna preamplifier, \$50. ATRONICS morse code reader, \$40. All prices are negotiable! Abe Lewkowicz, 13 Blanchard Road, Apt. #1, South Weymouth, MA 02190. Phone (617) 331-5500 after 2300 UTC or leave a message.

**FOR SALE:** INFOTECH M-200F CW/RTTY decoder, with manuals, \$225. DRAKE SPR-4 with 23 crystals covering all LW/MW/SW broadcast frequencies, plus most UTE bands. Very good condition, clean, original carton, recently tuned up at Drake, \$299. Extra crystals for SPR-4, 4.0, 5.0, 7.5, 8.0, 9.0, 10.0, 12.0, 13.5, 14.0, 15.5, 18.5, 25.5 MHz, \$5.75 each. DC adapter for SPR-4, mint, \$8. SONY ICF-2001 with earphone, AC adapter, original cartons and manuals, \$90. James Uerlings, 1437 Pacific Terrace, Klamath Falls, OR 97601. Phone (503) 884-7659 after 0145 UTC.

## SPEEDY

The DX Radio Magazine for Active SWLs!







After a short message, Clarence Jones lifts his trombone and sends forth the praise, "Great is Thy Faithfulness." Finally came a prayer of dedication. The voice had gone out. Had it been heard? As if to strengthen trembling faith, the telephone rang. One of our number left the room to answer. Returning with shining face, he announced, "The Parras called to say they heard the whole broadcast perfectly." At least one of the 6 radio receivers known to be in Quito had tuned in! (Thanks again to HCJB for providing SPEEDX with this information. Best wishes to the Voice of the Andes on 55 years of broadcasting! ds.)

Review of the Kenwood R-5000, Part Two. By: Don Moman: A variety of scanning modes are available for the receiver. MEMORY scan will stop on a channel only if a signal is present (level determined by squelch control setting) in the AM or FM modes. Apparently, there is a way you can change from a 5 second time operated pause to a carrier-operated scan. The manual hints at it but gives no details, other than to consult your Kenwood dealer! However, in any of the SSB modes, the scanning will pause for 5 seconds, regardless of whether a signal is present or not! This is handy enough for most situations but I'd still prefer to be able to select whether it should stop or not. Perhaps there is a switch that isn't mentioned in the manual. Temporarily unwanted channels can be locked out of the scan range (use the <CLEAR> function while in the memory mode). The 100 channels are divided into 10 groups of 10, and you can also choose to scan any or all of these groups.

PROGRAM scan will scan from channel 8 to 9 in the current channel group you have selected. This means you can have up to 10 ranges programmed using channels 18-19, 28-29, etc. This may sound rather complex but in practice it works well. Scan speed can be changed by the <STEP> function. As hinted last month, the R-5000 has two clocks, either one of which can be displayed continuously, even if the radio is turned off. Sorry, seconds are not displayed. A single timer function is connected to CLOCK 1 and NO/NC relay contacts are provided on the rear panel. Clock and timer are set using the conventional HOUR/MINUTE pushbuttons, an outdated and inconvenient system when compared to the Sony ICF 2010, which uses the tuning knob to set time, both forwards and backwards. How many times have you gone past one digit, and mentally cursed having to go around all the way again! Well, be prepared to do it again on the R-5000.

All memory and clock functions are backed-up by a rechargeable NiCad battery. If AC power is removed, the battery will enable the memory contents to be retained for ten days. The battery takes six hours to fully recharge, and is done so automatically when the set is plugged into AC power. Unlike the ICOM R-71, the operating system isn't lost if the back-up battery fails. My only hesitation is the use of NiCad cells, as they are pretty fussy in their old age. I wouldn't be surprised if the non-rechargeable lithium cell in the R-71 outlasts the NiCad system! However, it's still easier to replace any battery than to send your radio (or the RAM board) back for re-programming.

Dual noise blanker circuits are provided, along with a level control. NB1 is intended for short duration pulse noise, such as automobile ignition noise, while NB2 is for the "woodpecker." Both can be used simultaneously. In only a few comparisons with the R-71, which has two blankers (you can only use one at a time), I found the R-71 had a very slight edge when used on the woodpecker. Both seemed approximately equal on other types of noises. As with the R-71, setting the blanker level too low on the R-5000 can cause large amounts of distortion. The AGC time constants are provided; SLOW is far too slow and FAST is acceptable but on the fast side. The speeds provided in the R-71 are just about right, plus you can turn the AGC off and regulate the gain manually with the RF Gain control. The R-5000 has an RF gain but no AGC off position. The S-meter in the R-5000 reacts to modulation peaks, making it very hard to make valid S-meter comparisons when the meter is bouncing all over the place. In addition, the meter is dimly lit and much harder to read than the much larger and well-lit meter on the R-71. The top end of the scale is rather crowded, even though S-meter calibration is pretty good. The 0/10/20/30 dB attenuator checked out to be very accurate.

The notch filter is an audio type only, but the few times I needed to use it, it worked well. In theory, an IF notch (as found on the R-71) is preferred but in many cases the end result is the same. The IF shift circuitry functions only in the SSB modes, not in AM or FM. It worked well the few times I tried it, and interfering SSB signals could usually be put "over the edge" to a point where they were no longer a nuisance. The IF shift system used in the R-71 works in AM, by both shifting and narrowing the pass band, a distinct advantage over the R-5000. Incidentally, the USB/LSB switching method used in the R-5000 requires NO RETUNING, a large advantage over the system used in the R-71. For me, that feature alone almost makes up for the not-so-easy-to-use keypad!

Two antennas can be selected and assigned to a frequency stored in the memory, from the front panel. Rear panel antenna connections include a conventional SO-239 coax input for <ANT 1> and wire terminals for <ANT 2>, where you can choose between 50 or 500 ohm input. [Look forward to Part Three next month! ds.]

/CHECK SPEEDX SPOTLIGHTS FOR BOD ELECTION NEWS!//

Radio Monte Carlo Brings Arab World Local News: Radio Monte Carlo was conceived by late French President Charles de Gaulle in 1968. The station, owned by the French government, got under way in Monaco in May 1972 but moved to Paris a short time later. It retains the name of the gambling resort because by doing so it distances the French government from what, in effect, is its own propaganda organ.

Whatever its bias, the station has grown into the world's most widely-heard Arab-language broadcast. Its catchy brew of news, music, sport reviews, talk shows and advertising reaches 12 to 16 million Arab adults daily throughout the Middle East and North Africa, according to Pro Media, a Paris-based Arab advertising agency. In times of crisis, such as the assassination of Egyptian President Anwar el-Sadat, the audience may swell to as many as 20 million. The station's fame parallels growing French influence in the Middle East. Area specialists say that as Britain withdrew from the region and the U.S. became increasingly identified with Israel, France emerged as the Western power many Arabs look up to.

While Radio Monte Carlo is undeniably a French-government medium, the packaging is subtle and the delivery delicate. There is no attempt to expound the French line on Arab affairs, for example. The aim, rather, is to build Arab affection for France. On the air, announcer Ms. el-Shamma yields to Panorama, a serious half-hour Arab news and press review program. It is just one of 19 news programs (not to mention the frequent bulletins) spotted throughout Radio Monte Carlo's 16-hour broadcast day. Station manager Nofal, a Lebanese, presides over a free-wheeling staff of 100 Egyptians, Palestinians, Lebanese, French and Syrians (among others), including some 20 overseas correspondents. Staffed by confirmed Francophiles, the station broadcasts a heavy dose of Western music and advertises Western consumer goods. Yet it is thoroughly Pan-Arab in character. For example, during Ramadan, liquor commercials are banned.

Radio Monte Carlo has influence with Arab governments, whose officials monitor it closely and seldom refuse an invitation to be interviewed. "The overwhelming impression isn't that (Radio Monte Carlo) is as credible as the BBC, but its persistence in following news items is remarkable," says Nabil Osman, Egypt's press counselor at the U.N. Radio Monte Carlo is "fast and, when it comes to Arab news, more relevant," notes a professor of political science at the American University in Beirut, Rashid Khalidi.

The broadcasts travel by submarine cable to Cyprus, from where they are beamed over MW to Libya, Egypt, Sudan, Saudi Arabia, and other Arabic countries [Editor's note: They are also broadcasting via shortwave, worldwide, from a transmitter site in extreme north-east Morocco. Check Al Quaglieri's SWBC-Africa column for frequency information]. To present a rounded view of the news, Radio Monte Carlo retains correspondents in Arab capitals who are known to closely reflect the opinion of the local governments. But it balances their reports by airing all opposing sides without censorship. "You can hear all the different views," says Prof. Khalidi.

When the news is over, Radio Monte Carlo returns to projecting a likable image of France. The chatty Ms. el-Shamma, a former Cairo TV anchorwoman, returns the mood from somber to frivolous with her popular "Disco Monte Carlo." She teases listeners with flirty monologues; tells them what the weather feels like under a cloudless night in Paris; and recalls her argument with a taxi driver who cursed at Arabs after the wave of terrorist bombing in Paris. Ronald Pharaon, the Lebanese who directs Radio Monte Carlo's advertising sales, says star disc jockeys and broadcasters receive a total of 1,000 to 1,500 letters a month and countless phone calls from fans. Most of the letters come from Egypt, where people live on modest means. The phone calls, many from automobiles, come from Saudi Arabia, Kuwait, and the Arab oil emirates. Ms. el-Shamma says an admiring listener once sent her a BMW, which she refused. The stars' monthly salaries vary between \$1,666 & \$2,000. According to Mr. Pharaon, those earnings can be substantially supplemented by income from commercials, voice-overs and participation in tours of Arab countries. To many, however, the chief attractions of working at Radio Monte Carlo are fame, a pleasant working atmosphere, and the fact that, according to Mr. Nofal, "it's nice to live in Paris." [From the Wall Street Journal. Contributed by: Rick Drollinger-WI and Bob Moser-IL. ds.]

Tree-Vee Antennas (for the DX'er who has tried everything): Britain's New Scientist magazine reports a scientist has been investigating the use of tall trees as TV antennas. Coaxial cable links the television with a hole drilled beneath the bark. The signal is transmitted via the xylem and the phloem, which carry the plant's food and water. In recent experiments, date palm, coconut and papaya trees produced a better quality picture than conventional metal antennas. [From Jack Heaton-FL and the St. Petersburg Times. I've heard rumors that GI's in World War Two experimented with trees for antennas, for reception of shortwave signals. I've been told it really works. ds]

A Hearty Club "Thank-you" to Tom Kephart for his outstanding work as publisher of the magazine. His graphics work has made SPEEDX one of the most aesthetic mags around... and good luck to Al Quaglieri with his new publishing duties. A big thanks, also, to Peggy Thompson, who is turning her CDE duties to David Jones...and best of luck to Dave as a brand-new staffer! Both Peggy and Tom plan to continue serving on the club BOD. ds.





# PROGRAM PANORAMA

woody seymour, jr.

p.o. box 848

sanford, nc 27330

MAY 1987...Let's spring into May with some tips for good listening:

EQUADOR...HCJB will have a 25 meter band frequency to the Americas for the entire 0035-0700 UTC transmission period beginning this month. Tune in for the exact frequency info.....You can now call HCJB and leave a message, DX tips, etc. 24 hours per day. The number is: your international access code + 593 + 2 + 241-550, extension 489....  
...Bob Beukema has returned to HCJB for a 10 month stint as News Director. You will recognize his voice as the one that does the definitive HCJB station ID.....Recently, we received a good letter from Clayton Howard, longtime host of DX PARTY LINE. As you know, Clayton was diagnosed as having cancer just prior to returning for a stint at HCJB in 1986. You will all be pleased to learned that the chemo treatments have gone well and the disease is no longer evident. Clayton appreciated the many cards and letters during his illness. Our thoughts and prayers are with Clayton and his family, and we look forward to seeing (or hearing) him soon.....THIS IS EQUADOR has features this month on Loja, potatoes, volcanoes and the Equator. Fri 2145, Sun 0130, 0600 0945 UTC.....DX PARTY LINE makes "Understanding Shortwave Radio" a regular feature on each program. This month, the program looks at KNLS, Soloman Islands, Nordic DXing and Uruguay. (Thanks to Ralph Bowden, CA for his HCJB info)

MARSHALL ISLANDS...WSZO is on the air on 4940 kHz. Tune in a couple of hours before the 1002 UTC sign off. Programming is in Marshallese. Larry Yamron and Dave Valko, FA via Mike Harvester, PA

PHILIPPINES...FEBC has some good English programming available. In the 19 meter band, you can hear them 2300 UTC daily with PACIFIC SUNRISE; Mon-Fri at 0000 UTC, you can hear GOOD MORNING FROM MANILA. at 0100 UTC, you can hear GOOD MORNING INDIA, also on 19 meters. on 25 meters at 0400, MIDDAY MAGAZINE is broadcast. You can also hear programming 1300-1600 UTC on 25 and 31 meters. Frequencies are: 19 meters(15350, 15430, 15470, 15480), 25 meters(11840, 11850, 11865, 11890) and 31 meters(9510, 9665, 9730, 9770). (Ralph Bowden, CA)

UNITED KINGDOM...Ever had an urge to talk to Princess Anne on the telephone. This month you get your chance on BBC World Service on Sun the 17th at 1109 UTC. Each week at that time, you can call in and talk to a different world leader.....WRITE ON is a new "letter-box" program on BBC, Wed 2315, Thu 1445, Fri 0730 UTC. Host is Paddy Feeny. It sounds similar to the old Margaret Howard program. (BBC)

USA...Member Don McCants of AL recommends a program on the new KVOH, Los Angeles. POINT OF VIEW is a telephone call-in show hosted by Marlin Maddoux. It can be heard 1900-2000 UTC Mon-Fri on 17735 kHz...  
...The new Christian Science Monitor World Service is now on the air. The format is news and features in a format similar to that of NPR's ALL THINGS CONSIDERED. Tune in at 1600 & 1700(15270), 1800 & 1900 (15230), 2000 & 2100(15265) and 2200 & 2300(15300) UTC Mon-Sat for news programming. HERALD OF CHRISTIAN SCIENCE and other religious programming is heard at these times on Sun, and, additionally, every hour from 0000-1100 UTC daily. Frequencies are 0000 & 0100(7365), 0200 & 0300(9745), 0400-0900(9465) and 1000 & 1100(17640). Studios are in Boston, the transmitter is in Maine. This looks to be a good station to listen to. (WS) Your comments are always welcome here. Be sure to send us your contributions. They have added much to the past few columns. Next month, we hope to have some tips for good summertime listening. Until then, take care. w.s



# Station Skeds

AZIMUTH (AZ°), GAIN (dB)

ANGLE OF ELEVATION (EL°)

TIMES (UTC)

FREQUENCIES

LANGUAGES

RELAY SITES

TARGET AREAS

POWER (kW)



EDITOR: Ralph S. Bowden, 1255 Amethyst Street, Space 30, Mantone, CA 92359.

PUBLICATIONS NOTICE will be published in months of February, April, June, August, October and December.

ANGOLA: R. NACIONAL DU ANGOLA, NATIONAL SERVICE OR PROGRAM A, LUANDA, LATEST INFORMATION:

				LG
0000-2400	9720, 7215, 4952,			
	3355, 3570			PT
INTERNATIONAL SERVICE OR PROGRAM B:				
0530-1230	11955, 9535, 7245			PT/VN
1330-1430	11955, 8535, 7245			Luvaiu
1430-1500	11955, 9535, 7245			Chookwe
1500-1530	11955, 9535, 7245			Kimbundu
1600-1630	11955, 9535, 7245			EG
SWAPO:	4820, 11955, 9535,			
1730-1800	7245 (Mon. to Sat.)			EG/VN
ANC:	4820, 11955, 9535,			
1730-1830	7245 (Mon. to Sat.)			EG/VN
SWAPO:	4820, 11955, 9535,			
1800-1830	7245 (Sun.)			EG/VN
ANGOLAN F.:	9535, 7245,			
1830-1900	11955 (Mon. to Sat.)			PT
ANC:	(Sun.)			
1900-2000	11955, 8535, 7245			PT
2000-2100	11955, 9535, 7245			SP
(BBC, MS, WBI, 2-13-87.)				

BURMA: BURMA BROADCASTING SERVICE, VIA RANGOON RELAY, G.C. 96°10'E/16°52'N, BURMESE LANGUAGE AND SEVERAL BURMESE DIALECTS, LATEST INFORMATION:

	TAR	AZ°	kw	dB	EL°
0900-1600	5985	49	350	50	8 45
0000-0200	7185	49	356	50	8 45
0200-0730	9730	49	176	50	5 60
0200-0730	9730	49	356	50	6 60
(M-87, THFBS, IFRB, ITU.)					

CHINA: VOICE OF THE STRAIT, EXTERNAL SERVICE, FUZHOU, FUJIAN PROVINCE, AMYU AND STANDARD CHINESE LANGUAGES:

FIRST PROGRAMME:		TAR
1000-1015	6765, 5900, 5240, 6045	42-44
1200-1330	5240, 4045, 3200, 2490	42-44
1310-1330	5240, 4045, 3200, 2490	42-44
2100-2210	4045, 3535, 3200, 2490	42-44
2225-0020	5240, 5900, 4045, 2490	42-44
SECOND PROGRAMME		
0400-0510	11590, 9505, 6000, 5770	42-44
0800-0940	9505, 6400, 6000, 4840	42-44
1000-1200	6400, 6000, 4840, 4380	42-44
1200-1300	6000, 4380, 4840, 4130	42-44
(INCOMPLETE: BBC, MS, WBI.)		

CHAD: CHADIAN NATIONAL RADIO, N'DJAMENA (RNT), INCLUDING MULTILINGUAL PROGRAMS:

	FREQ. V.	LG
0500-0630	4920 4898	VN
0700-1030	7120 7100	"
1200-1355	4920 4898	FR
1800-1815	4920 4898	AR
(MULTILINGUAL OR VEINACULAR LANGUAGES: SARA, KANEMBOU, MOUNDANG, TOUPOURI, GORANA, AND MASSA ZAKAWA. BBC, MS, WBI, 2-13-87. VARIABLE FREQUENCIES USED TO AVOID LIBYAN INTERFERENCE.)		

CHAD: "RADIO CHAD," OR "RADIOBARDAI," TRANSMITTER AT ZHUMARAH, LIBYA (CLANDESTINE):

	LG	TAR
1100-1130	6009 FR	38,47
1130-1200	6009 AR	38,47
1200-1315	6009 SARA	38,47
1315-1415	6009 "	38,47
1800-1830	6009 FR	38,47
1830-1900	6009 AR	38,47
1900-2030	6009 SARA	38,47
(BBC, MS, WBI, 2-13-87.)		

GABON: AFRICA #1 INTERNATIONAL, COMMERCIAL STATION AT LIBREVILLE; TRANSMITTERS AT MOYABI (UNDER FRENCH-GABONESE CONTROL):

	LG	TAR
0500-0545	11940, 4830	FR 46,47
0600-0745	11940, 4830	" 46,47
0800-1130	15200, 7200	" 46,47
1200-1605	15200, 7200	" 46,47
1700-2300	15475, 4830	" 46,47
(BBC, MS, WBI, 2-13-87.)		

GUYANA (FRENCH): RFO CAYENNE, M-87:

0900-1200	3385 s/off 2100	FRENCH
0900-1100	5055 s/off 2000	"
1115-2030	6170	"
(1987 WRTH.)		

HUNGARY: R. BUDAPEST, ENGLISH LANGUAGE, BEAMED TO NORTH AMERICA:

	DAYS	TAR
0200-0230	15160, 11910, 9835	
	9585, 9520, 6025	2-7 6-8
0300-0330	15160, 11910, 9835,	
	9585, 9520, 6025	1-7 6-8
0400-0415	15160, 11910, 9835,	
	9585, 9520, 6025	3,6 6-8
(J. Sanderson, AZ. 1=Monday, etc.)		

INDONESIA: RADIO REPUBLIK INDONESIA STATIONS (10KW AND HIGHER POWER), M-87:

Table with columns: Frequency, Time, kW, TAR, STATION. Includes stations like Pakandaru, Bandjamasin, Menado, Jayapura, Surabaya, Denpasar, Amboina, Jakarta, and Jayapura.

(THFBS, IFRB, ITU: INDONESIAN LG.)

LAOS (PDR): LAO NATIONAL RADIO, VIA VIENTIANE RELAY, G.C. 102°38'E/18°01'N, LATEST INFORMATION:

Table with columns: LG, TAR, Frequency, Time, kW, RELAY. Includes stations like EG, LO, FR, TH, VT, KM, FR, EG, TH, VT, KM, FR, EG, TH.

(PARTIAL: ILG, BF, DXLS, FRG.)

PERU: REGIONAL STATIONS, SPANISH LANGUAGE, BEAFO TO ZONE 12:

Table with columns: AZ°, kW, RELAY, Frequency, Time, kW, RELAY. Includes stations like Lima, Cuzco, Iquitos, Lima.

(THFBS, IFRB, ITU, M-87, PARTIAL.)

MARSHALL ISLANDS, PACIFIC REGION: STATION WSZO, MAJURO RELAY, G.C. 171°23'E/07°06'N, NEW SHORTWAVE STATION:

Table with columns: Frequency, Time, kW, TAR, LG. Includes station MARSHALLESE, EG (AFTER 1000 UTC, RADIO YAKUTSK OF USSR IS HEARD UNTILL ABOUT 1400 UTC ON FREQ. 4940. MEDIUM WAVE IS ALSO BROADCAST TO SOME ISLANDS. MONITORED BY EDITOR AND BRUCE MACGIBBON, OREGON AND CARL RADTKE, CA.)

NETHERLANDS: R. NEDERLAND WERELDOMROEP, J-87 SEASON, ENGLISH LANGUAGE, ALL ZONES:

Table with columns: Frequency, Time, kW, TAR. Includes stations like B9715, B9630, M21485, M17575, B9650, B6020, F17605, F9715, F5955, M17575, F15560, F13770, M11735, F5955, M9515, M6020, B21685, B17605, M9540, M6020, F11740, F9895, M9715, M9540, F9895, F6060, F9895, F7175, F9895, F6110, F11930, F9895.

(RELAY STATIONS: F=Flevo. B=Bonaire. M=Madagascar. DIRECT, RN, 2-20-87.)

SAUDI ARABIA: BROADCASTING SERVICE OF GOVERNMENT OF SAUDI ARABIA, VIA 2 RELAY STATIONS, LATEST INFORMATION:

Table with columns: LG, TAR, AZ°, kW, dB, RL. Includes stations like IN, AR, EG, UR, FR, AR, TR, EG, SH, EG, SM, SM, AR, BB, AR, AR, FS, FS, AR, AR, AR, AR.

(J. Pogue, TN. M-87 THFBS, IFRB, ITU. LANGUAGE: AR (underlined)=Arabic language, Holy Quran readings, etc. RELAY STATIONS: R=Riyadh, G.C. 46°23'E/24°30'N. J=Jeddah, G.C. 39°10'E/21°32'N.)

**SRI LANKA: SRI LANKA BROADCASTING CORP., (SLBC), COLOMBO, INCLUDING ADVENTIST WORLD RADIO RELIGIOUS PROGRAMS (AWR):**

	LG	TAR	AZ°	KW	dB	EL°	DAYS
0845-0900	11800	RN 41	350	100	18	18	1-7
0930-0945	11800	TL 41	350	100	14	18	1-7
1030-1045	11800	MA 41	35	100	14	18	1-7
1045-1330	11800	TM 41	350	100	14	18	1-7
1045-1055	11835	JP 49	122	35	12	18	6
1040-1055	11835	SN 54	122	35	12	18	3,7
1100-1115	11835	JP 49	122	35	12	18	1
1230-1700	6075	EG 41	ND	10	60	12	1-7
1330-1400	7190	HD 41	150	10	14	35	1-7
1400-1430	7190	NP 41	350	10	14	35	7
1615-1630	7190	BD 41	350	10	14	25	4
1615-1630	7190	UR 41	350	10	14	15	5
1645-1745	11800	UR 27	312	100	14	7	1-7
1745-1815	11800	EG 27	312	100	14	7	1-7
1815-1845	11800	EN 27	312	100	14	7	1-7
0030-0230	15425	EG 40	350	25	14	18	1-7
0030-0230	9720	" 41	350	100	5	35	1-7
0030-0500	7190	HD 41	350	10	14	15	1-7
0030-0500	11800	" 41	350	100	14	18	1-7
0230-0430	15425	EG 40	350	15	14	19	1-7
0230-0430	9720	" 41	350	100	5	15	1-7
0630-0730	11800	HD 41	350	100	14	18	1-7
0715-0730	7190	BD 41	350	10	14	35	4
0715-0730	7190	UR 41	350	10	14	35	5
0730-0830	7190	RN 41	350	10	14	15	1-7
0730-0830	11800	RN 41	350	100	14	18	1-7

(BBC, MS, WBI, 2-13-87.)

**SWAZILAND: TRANS WORLD RADIO, MANZINI, M-87 SEASON, ENGLISH LANGUAGE:**

	LG	TAR	AZ°	KW	dB
0430-0530	3205	EG 57	ND	25	25
1600-1645	3205	" 57	ND	25	25
1900-2015	3205	" 57	ND	25	25
0500-0835	5055	" 57	ND	25	25
0430-0700	7310	" 57	235	25	25
1630-1700	7295	" 48,53	003	25	25
1630-1700	9550	" 48,53	013	100	100
1800-1845	9550	" 48	013	100	100
0615-0835	9725	" 57	233	23	23

(DIRECT, TWR, SWAZILAND. ND= Non-directional.)

**SWITZERLAND: INTERNATIONAL COMMITTEE OF THE RED CROSS, GENEVA, TWO TUESDAYS AND TWO FRIDAYS, M-87 SEASON, NORTH AMERICA:**

On 3-31-87 and 4-28-87:	LG
0110-0127	12035, 9885, 9725
	9625, 6135
	SP
On 4-3-87 and 5-1-87:	
0310-0327	12035, 9885, 9725, 6135
	EG

(J. Pogue, TN. J. Sanderson, AZ. B. Allred, Ecuador.)

**TUNISIA: RADIODIFFUSION T.V. TUNISIENNE, SFAX RELAY, G.C. 10°53'E/34°48'N, ARABIC LANGUAGE, LATEST INFORMATION:**

	TAR	AZ°	KW	dB	EL°
0800-1600	11730	27,28	340	100	16 7
1400-2400	9680	38,39	100	100	19 17
1600-0400	7225	27,28	340	100	16 17
0400-0900	7225	27,28	340	100	16 17
0400-0800	9680	38,39	100	100	19 17

(ON-BAND, THFBS, IFRB, ITU, 1987.)

**THAILAND: R. THAILAND, EXTERNAL SERVICE, VIA BANGKOK RELAY, G.C. 100°30'E/13°47'N, M-87 SEASON:**

	LG	TAR	AZ°	KW	dB	EL°
0915-1000	9655	LO 49	117	100	8 8	
	11905	" 40	355	50	8 14	
1000-1030	9655	MR 44,45	43	100	8 8	
	11905	" 44,45	355	50	8 14	
1030-1100	9655	TH 49	117	100	8 8	
	11905	" 49	355	50	8 14	
1100-1130	9655	VT 49	117	100	8 8	
	11905	" 49	355	50	8 14	
1130-1230	9655	EG 27,28	317	100	8 8	
	11905	" 8	355	50	8 14	
1230-1305	9655	KM 49	117	100	8 8	
	11905	" 49	355	50	8 14	
1305-1355	9655	ML 51	173	100	8 8	
	11905	" 55	355	50	8 14	
1355-1420	9655	JP 44,45	43	100	8 8	
	11905	" 44,45	355	50	8 14	
1420-1450	9655	BS 49	117	100	8 8	
	11905	" 49	355	50	8 14	
2300-0430	9655	EG 27,28	317	100	8 8	
	11905	" 8,69	355	50	8 14	
0500-0600	9655	EG 27,28	317	100	8 8	
	11905	" 55,68	355	50	8 14	

(1987 WRTH, NY, USA. THFBS, IFRB, ITU, M-87. C. Radtke, CA.)

**UGANDA: RADIO UGANDA, VIA KAMPALA RELAY, G.C. 37°36'E/00°20'N, IN ENGLISH, FRENCH, SWAHILI, ARABIC AND VERNACULAR LANGUAGES:**

	TAR	AZ°	KW
0845-1100	6030	47,52	ND 250
1600-1800	9510	52,53	202 250
1800-1900	15250	37,48	275 250

(M-87 THFBS, IFRB, ITU.)

**URUGUAY: S.O.D.R.E., VIA MONTEVIDEO RELAY, G.C. 56°08'N/34°47'S, M-87 SEASON, SPANISH LANGUAGE:**

	TAR	AZ°	KW	dB
1000-2200	9620	15 38	20 12	12
1000-2100	11900	15 20	20 12	12
2100-0100	11900	13 38	20 12	12
2100-1400	11885	12 320	10 12	12
2200-0200	9620	37 38	20 12	12
0000-0200	11885	12 320	10 12	12
0000-0400	6125	14 320	10 8	8
0100-0230	11900	8 320	20 12	12
0200-0400	9620	6 320	20 12	12

(M-87 THFBS, IFRB, ITU.)

**ZAIRE: LA VOIX DU ZAIRE, KINSHASA-GOMBE, VIA KINSHASA RELAY, G.C. 15°23'E/04°23'S, LATEST INFORMATION:**

	LG	TAR	AZ°	KW	dB
1100-1700	11795	FR/VN 52	ND 10	10 5	5
1400-2300	11865	" "	52	335 100	10
1600-0600	11720	" "	52	ND 10	5
24 hours	7255	" "	57	330 50	12
24 hours	9660	" "	52	90 100	9
24 hours	15245	" "	52	90 100	9

(INCOMPLETE: THFBS, IFRB, ITU.)

**MAIL SHORTWAVE SCHEDULES TO EDITOR,**

RALPH S. BOWDEN



# NORTH AMERICA/CARIBBEAN



attention  
WSZO is now on  
shortwave!!

Thomas Sable  
University of Scranton  
Scranton, PA 18510

DEADLINE: 12th

The Christian Science Monitor station WCSN began regular broadcasts at the end of March. It seemed to me that they have a lot of informative, new, and interesting programming as well as the standard SW features. It looks like we have many years of good listening ahead. Congratulations are in order at One Norway Place. Now on to the logs: English language unless noted otherwise.

## ALASKA KNLS

5960 0828 swing music (444 3/21 Kline CA)  
7355 1958 CC Blues mx (434 4/3 Miller CA) Gene Krupa big band mx; bible message (444 3/13 Zirkelbach CA)

## ANGUILLA The Caribbean Beacon

1610 0100 Sermons, hymns, national nx, S. Am nx (353 3/13 Card RI)

## ANTIGUA Deutsche Welle relay\*\*British Broadcasting Corp. relay

6045 0338 DW Exchange program with Dartmouth (444 3/10 Brown IL)  
6110 0042 SS BBC Actualidades, ID (444 4/1 Manderscheid CA)  
6120 0515 DW Interview with sculptor (444 3/14 Brown IL) Microphone on Europe: Warsaw Pact Maneuvers; quiz; Irish emigrants (544 3/19 Wright MB)  
6160nf 0935 DW Sunday Panorama; Press Review [to Australasia] (444 3/22 Westenhaver QU) Top 10 songs (544 3/18 Alexander NC)(544 3/31 Miller CA)  
6175 0300 BBC World nx, nx about Britain (444 3/14 McCants AL) Opera, world nx, Press Review (444 3/9 Dillon MD)  
6195 1200 BBC NX of Ireland and IRA; English choral tradition (555 3/14 Robinson TN) McCartney's anti-heroin song (555 3/22 Westenhaver QU)  
9510 0458 BBC Financial nx (534 3/18 Block LA)  
9640 0749 BBC Waveguide with review of Panasonic RF-B60 (454 3/22 Westenhaver QU)  
9640<sup>nl</sup> 1032 DW Piano mx by Freire; 2 contests (353 4/2 Westenhaver QU)  
11775 1250 BBC Meridian (444 3/14 McCants AL)  
15105 0025 SS DW Afghanistan; opera star (343 4/1 Manderscheid CA)  
15355 2150 GG DW OM talks and plays records (444 3/20 Zirkelbach CA)  
15410 2305 GG DW DX nx, mx (544 3/12 Miller CA)  
17810 2107 GG DW Nx: Bundestag debate (555 Wakefield 1A) Classical mx (444 3/30 White FL)

## CANADA R. Canada International\*\*Northern Quebec Service\*\*BBC relay\*\*DW relay\*\* R. Japan relay

5960 0415 RCI World nx (444 4/2 Miller CA) As It Happens: Nazi war criminals hiding in Canada, Ecuador earthquake (555 3/13 Fraser MA)  
6005 0340 CFCX foreign exchange, black market (3/16 Zirkelbach CA) Rock and roll, commercials (323 3/22 Woering MA)  
6045 0320 GG DW Contest time (444 3/16 Zirkelbach CA)  
6070 1559 CFRX Call-in show, ads (333 3/18 Brown IL) Postal rate increase (444 3/28 Wakefield IA)  
6120 1130 RJ DX Corner (444 3/29 Sampson WI) dollar low vs yen (544 3/30 Wakefield IA) One in a Hundred Million: Mrs. Nagatomo, women security police officer (555 3/13 Fraser MA) Review of Tower commission report, JJ lesson (444 3/17 Dillon MD)  
6130 1121 CHNX Ad string, traffic, contest nx (333 3/14 D'Angelo PA)  
6195 0345 NOS Canadian novelist (333 3/19 Preston CA)  
9515 1735 BBC Saturday Special: live sports (444 3/28 Curtis TN)  
9535 0210 PP RCI News and commentary (544 3/19 Miller CA)  
9590 0010 BBC Business nx: Rolls Royce goes private (544 3/19 Brown IL) AIDS and morality; 30th anniv. of Ghana (555 3/13 Robinson TN) dollar drops (544 3/30 Miller CA)

CANADA (cont.)

- 9605 0305 GG DW YL gives programs. mx (544 4/3 Miller CA)  
9625 0100 Inuit NOS mx and vocals (555 3/12 Miller CA)  
9755 0120 RCI SWL Digest: WARC Conf. (343 3/29 Westenhaver QU) Sports: curling (444 3/17 Zirkelbach CA) SWL Digest: details about WCSN and ITU computer freqs. (444 3/29 Curtis TN)  
11720 1517 NOS Toxic wastes in London, Ont.; Islamic movement in Egypt (343 3/15 Wright MB)  
11940 0105 RCI US plane downed in Honduras (545 3/13 Miller CA)  
11945 2130 RCI SWL Digest (444 3/21 Neff OH)  
11955 1604 CBC World nx: Finns go to the polls (555 3/15 Bush OH)  
11955 1340 RCI seal hunting (444 3/25 Alexander NC)  
15150 2145 RCI Film festival in Canada (444 3/31 Zirkelbach CA) SWL Digest: WARC 87 allocations (444 3/21 Curtis TN)  
15260 1800 RCI Constitutional conference on native rights //17820 (232 3/26 Westenhaver QU)

CUBA R.Habana\*\*R. Rebelde relay\*\*Mayak relay\*\*Radio Moscow World Service relay

- 4765 0653 RR RM Cabaret mx, time pips, labor report (444 3/12 Halstead WV) EZL mx, lousy audio (343 4/5 Sable PA)  
5025 1101 SS RR Cuban run factory (444 3/16 Halstead WV) baseball game (433 3/28 Wakefield IA)  
5965 0450 RHC Collecting stamps (333 3/23 Snyder NY)  
9550 0907 PP RHC ex-pres. Nyerere visits (354 3/22 Westenhaver QU)  
9740 0209 RHC Central American nx (555 3/26 Curtis TN) The Jazz Place; International Women's Day (555 3/18 Kline CA) Airplane rally in Havana (333 4/3 Fraser MA)  
11760 1430 SS RHC Letters, Point of View: N. vs. S. Korea (555 3/22 Halstead WV)  
15230<sup>nl</sup> 2108 RHC African/Caribbean service: World of Stamps (454 3/15 Westenhaver QU)

DOMINICAN REPUBLIC \*\*R.Discovery\*\*R.Clarin\*\*R. Santiago

- 11700 1250 SS RC Mx and IDs (444 3/10 Neff OH) Nx of Pres. Sanchez of Costa Rica, pop mx and vocals (555 3/14 Robinson TN) Martial mx (544 3/28 Miller CA)  
15045 1926 SS RD "Las 3 y 30 en RTV Dominicana" mx; RD ids later (242 3/19 Westenhaver QU)

MONTSERRAT Deutsche Welle Relay

- 9545 0100 Medium range weapons; new centralized government (534 3/11 Wright MB)

NETHERLANDS ANTILLES Radio Nederland\*\*Trans World Radio

- 6020 1027 RN Pan Am drug smuggling (444 3/11 Brown IL)  
6145 0656 PP TWR IS, ID, ezi mx (444 3/30 Westenhaver QU)  
6165 0300 RN jazz, benefit concert (444 3/17 Zirkelbach CA)  
6180<sup>nl</sup> 0101 SS TWR Nx (433 3/28 Westenhaver QU)  
9535 0325 TWR Gift of Giving (433 3/13 Zirkelbach CA) Preaching on Paul //800kHz (444 3/27 Curtis TN) Trials of a pastor's son (322 3/15 Wakefield IA) Search for Truth (434 Block LA) Caribbean Night Call (444 3/16 Preston CA) (Neff OH)  
9590 0312 RN Frisians, Dutch trucking (444 3/19 Preston CA)  
9630 0750 RN Media Network: WARC conference (444 3/11 Brown IL)  
9650 1105 RN Media Network: High Res TV (433 3/26 Westenhaver QU)  
11815 1340 TWR Focus on the Family (444 3/14 McCants AB) Morning Sounds (555 3/11 Alexander NC) Unshackled (433 3/14 Dillon MD)  
15560 2230 SS RN News and Mx (444 3/23 Zirkelbach CA)  
21680 1744 Dutch RN W Africa service news: live report of British ferry disaster (434 Woering MA)

PIRATES Uncle Charlie's day off

- 9940 0250 SS V. CID IS and ID into SS programs (444 3/30 Miller CA)

UNITED STATES OF AMERICA \*\*Voice of America\*\*Voice of Free China\*\*Armed Forces Radio and Television Service\*\*Radio Marti\*\*Voice of the Organization of American States\*\*

- 5985 0312 VOFC Japanese exports to Taiwan (555 3/17 Miller CA) Communists in the Philippines (555 3/26 Wakefield IA) Helen Wong songs (444 3/10 Neff OH) Top 10, CC lesson (555 3/31 Kline CA)  
6010 1130 RR KGEI Bible and Jesus, chorus sings (555 3/14 Robinson TN)  
6030 0154 AFRIS NCAA tourney (333 3/15 Wakefield IA)  
6075 1007 SS RM Wx for Cuba; Entrevista de Dia (434 3/22 Westenhaver QU)  
6130 0015 VOA Voodoo in Caribbean (444 3/19 Brown IL) Now Music USA (433 3/9 Kline CA)  
6155 0330 SS VOA EZL mx; economic programs (423 3/23 Westenhaver QU)  
6185 0445 WRNO Pop mx (444 3/13 Zirkelbach CA)  
7355 0022 WRNO Cajun mx, World of Radio (444 3/22 Neff OH)

UNITED STATES OF AMERICA (cont.)

- 7365 0034 WCSN Interviews with presenters of "Herald of Christian Science" (423 3/31 Westenhaver QU)(Miller CA)  
7365 0400 RR KGEI ID and address (544 3/29 Wakefield IA)(Miller CA)  
7400 0300 WHRI DX news (555 3/31 Miller CA)  
9455 0250 WMLK On the Sacred Name of Yahweh (353 3/25 Wakefield IA)  
9455 0250 VOA Danny Kaye obit (444 3/10 Neff OH)  
9505 0000 KVOH UPI nx and Good News (433 3/18 Alexander NC)  
9575 0238 VOA Daybreak Africa (444 3/27 Curtis TN)  
9615 0910 SS KGEI Hymns and ID (222 4/6 Alexander NC)  
9615 2316 WRNO Jazz, mutual fund ad (444 3/29 Westenhaver QU)  
9700 1539 AFRTS CBS nx (444 3/18 Brown IL)  
9770 2215 WHRI ID and pop mx (333 3/19 Zirkelbach CA)  
9815 0255 WCSN Introduces programming (444 3/31 Hesch NY)(Sable PA) talk about Christian Science Monitor (545 4/3 Miller CA)  
9852.5 2205 SS WRNO Religious program (333 3/17 Pinchon FR)  
11680 0030 VOA Caribbean report: Haiti election (444 3/30 Curtis TN)  
11735 1815 KCBI Issues of the Eighties (444 3/13 McCants AB) talk on the family (444 3/23 Neff OH)  
11830 1625 WYFR Family Bible Study (444 3/13 McCants AL)  
11930 2200 SS RM news, church service (544 3/22 Woering MA)  
11980<sup>01</sup> 1959 WHRI Prayerline promo (454 3/15 Westenhaver QU)  
15105 1815 WHRI Pray with us (444 3/13 Zirkelbach CA)  
15185 2058 WINB ID and address; Word of Faith (333 3/22 Curtis TN)  
15270 1700 WCSN Nx: Academy Awards, Pope visits LAM (444 3/30 Sampson WI)  
15295 1830 WINB Hymns and singing (4333 3/24 Zirkelbach CA)(Pinchon FR)  
15330 1950 AFRTS Basketball live (444 3/21 Zirkelbach CA)  
15410 1740 VOA Mx Time Africa: folk songs and instruments (343 3/22 Wright MB)  
15420 1815 WRNO light bulb ad (444 3/13 Zirkelbach CA)  
17750 2120 VOFC CC mx, YL talks on Taipai (534 3/17 Miller CA)  
17775 2337 SS KVOH Abortion and the Bible (555 3/15 Kline CA) new freq. of 9505 announced (333 3/12 Alexander NC) Religious rock (444 3/22 Shaffer PA) Kenneth Copeland (444 3/10 Neff OH)  
21640 1800 WCSN Monitor review (353 4/2 Thunberg PA)

Computer Users: The Western Hemisphere and Caribbean BBS may be reached by dialing (717) 961-6141 from 10 pm to 8 am daily. The communication parameters are 1200/300 baud 8 bit Null parity and 1 stop bit. This can be an easy way to submit loggings. Please try to stick close to the regular SPEEDX format. The password is SPEEDX (use caps.) Kermit, Modem7, Telink, Xmodem, and Ymodem batch protocols are supported for both download and upload. Full message reading and writing capabilities will be available in the near future. In the meantime, if you have a computer, a modem, and software that supports those protocols, would like to take advantage of this BBS, but have no idea of what I just said, send a self-addressed stamped envelope to me at the address on the masthead and I will send you an introduction to the BBS system.

WSZO of the Marshall Islands in the Pacific is now broadcasting in SW on 4940 kHz. It is being heard on the East Coast (not by me yet) around 0730 in the Marshallese language. The station began broadcasting on March 4 and was first intercepted by Australian DXers. This qualifies as a new country on shortwave, so go for it! More on the fascinating Marshall Islands in later columns.

Please send loggings to me directly to the address on the masthead or via the NACC BBS by the twelfth of the month or our new CDE David Jones at 2120 -C Mockingbird Lane, Box 8, Springfield TN 37172 by the sixth of the month. Best wishes to our outgoing CDE Peggy Thompson for so many years of clipping, stapling, and deciding. Thanks for so much. 73, gd dx, and bye for now.

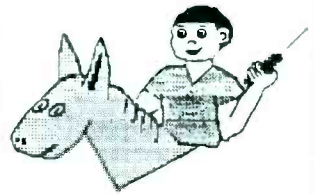
T.F.S.





# LATIN AMERICA

CARL HUFFAKER  
Apdo Postal 41-507  
11001 Mexico, DF  
MEXICO



FREQUENCIES in Kilohertz

DEADLINE: 12th

TIMES/DATES in UTC

After some 500 years of intermittent service, the New World's oldest water system has failed again. Fortunately, the reserve supply here in the shack is enough for coffee until I finish the column, so here goes .....

La Voz de American Latina (XEW) reactivated 6165 and 9515 kHz again on 4/12. Newscasts are from the TV, but most programs are radio-only productions. ID's "XSW", "LV de AL" and/or "Televisa Radio".

Now to the logs. I'll omit the language unless it's other than the primary language of the station, and omit the SIO's unless they're unusual. Reports were a bit sparse this month, probably the season. Here, although both Africa and Asia held up well, Latin American reception was generally down during the latter part of the month. The result is not the up-to-date station list that I'd like for each country, but more a hap-hazard sample. Perhaps some of you can help me fill the gaps during May.

## ARGENTINA

- 3985 05:36 RAS Lt Mx, many ID's (3/28 Witte-CA)(Marge, I don't have the WRTH that lists this yet as imports are slow in Mexico. Were the ID's "RAE" or "R Nacional"? The Px sounds like their late-nite domestic program which wouldn't normally ID "RAE". It's a first appearance in this column, so congratulations on a "first". ch)
- 7690 01:02 RAS EE bdcst (3/14 Miller-CA)(Coleman-MA)(Dillon-MD)(Janusz-NJ) +++
- 11710 01:15 RAE // above (3/16 Allen-CA)(Miller-CA)

## BELIZE

- 3285 ----- R One (no reports this month, but noted here almost daily. ch)

## BOLIVIA

- 4795 10:15 R Nueva America lang (?) until 10:28, the SS ID, jingles, & ads (3/7 Carlisle-WA)
- 4845 10:24 R Fides OK/YL rel Tx, Andean Mx, ID at 10:31 (222 4/6 ch-MX)
- 4875 01:41 La Cruz del Sur LA Mx, YL ancr (3/31 Bishop-NY)
- 6105 10:40 R Panamericana LA Mx, ID at 10:44 GRM de R Moscow (3/12 Carlisle-WA)

## BRASIL

- 3325 05:26 R Liberal Brazilian pops, ID at 05:42, mentions of Porto Velho (433 2/14 Havrilko-UK)
- 3375 10:29 R Guajará Mirim pop Mx, TC & ID at 10:35, into rel Px (3/15 ch-MX)
- 4775 09:05 R Ed, Campo Grande "Happy Birthday" in PP (3/13 Alexander-NC) (as I consistently log the station around this time, I've dropped the "tent". ch)
- 4775 09:07 R Cul de Sergipe ID, pop Mx, another ID at 09:12 (3/12 ch-MX)
- 4805 10:25 Rdif do Amazonas 2 OM Tx, ID (3/13 Alexander-NC)
- 4825 09:25 R Ed, Braganca CW-style Brazilian Mx, ID at 09:30 mixing with R Moscow IS & RR ID (322 3/12 ch-MX)
- 4845 01:51 R Mac, Manaus cont Brazilian Mx, ID at 02:04 (3/16 Allen-CA)
- 4875 09:20 R Mac, Boa Vista pop & folk Mx, ID (3/14 Shaffer-PA) (not an easy one to log since La Cruz del Sur reworked their xmtr. ch)
- 4880 10:40 Rdif Acreana Tx abt Brasil, accordin Mx, ID at 10:56 (3/15 ch-MX)
- 4885 08:40 R Clube do Para ID's, Tx abt Brasil (3/17 Alexander-NC)(Shaffer-PA)
- 4915 02:31 R Anhanguera OM with ID at 02:46 (2/8 Havrilko-UK)

BRASIL (cont)

4935 10:00 R Jornal A Critica (tent) pop Mx, refs to Manaus, no ID, QRM from Peru (321 3/12 Carlisle-WA)  
 4945 09:15 R Nac, Porto Velho Several ID's, Nx at 10:00 (3/17 Alexander-NC) (another Brazilian disappearing under an improved Bolivian. ch)  
 4955 09:53 R Clube, Rondonopolis Brasopops, ID at 10:03 (232 3/9 Carlisle-WA)  
 4985 05:40 R Brasil Central ads between EZL Mx (3/13 Preston-CA)(Bishop-NY)  
 5035 02:45 R Aparecida Brasopops, ID at 02:57\* (3/15 Wakefield-IA)  
 5045 08:21 R Cul do Para Mx, ID, Brasopops (3/26 Wakefield-IA)(Janusz-NJ)  
 6135 00:50 R Aparecida Brazilian Mx, ID at 01:00 (3/12 Carlisle-WA)  
 6180 09:08 R Nac de Amazonia Mx, several ID's (3/18 Alexander-NC)  
 9660 23:30 Radiobras lively Mx, many ID's (2/16 Miller-CA)  
 11745 02:02 R Nac SE Px (2/12 Miller-CA)(Bishop-NY)((Brown-IL)  
 12085 01:45 R Globo Brazilian ballads, ID at 01:52 (3/14 Carlisle-WA)(there's some confusion here, or have they moved from 11805? ch.)  
 15190 03:31 R Inconfidencia pop Mx, singing ID (3/26 Sampson-WI)(Hill-MA)  
 17755 17:00 R Surinam via Radio Nao de Brasil DD/SE Mx, ID (3/19 Levison-PA)

CHILE

15140 21:55 R Nac de Chile sports commentary (3/8 Wright-MB)(Miller-CA)

COLOMBIA

4845 13:31 R Bucaramanga OM with Nx till 13:44, instrumental break, Tx, no ID heard. heavy QRM and het from a SS station. (232 3/13 Thompson-CA) (this is a strange one, Peggy. It was 8:30 in Colombia and 09:30 in Bolivia, yet they're the only SS stations on the frequency. But you were close to sunrise when anything's possible especially from that northwest corner of the continent. An alert bit of DXing. ch)  
 4915 10:15 Armonias de Caqueta pop Mx, ID & QTH at 10:27, QRM de Brasil (332 3/10 Carlisle-WA)  
 4945 02:10 Caracol, Nieva ID at 02:19, LA Mx, Caracol ID's (2/8 Havrilko-UK)  
 5095 02:23 R Sutatenza Mx, Sutatenza & Cadena Sutatenza ID's (3/16 Allen-CA) (Havrilko-UK)  
 6116 09:45 L V del Llano pop Mx, long ID (3/29 Hill-MA)

COSTA RICA

4832 10:55 R Reloj (usual Mx, TC's and ID's) (3/17 Levison-PA)(Alexander-NC) (Sampson-WI)  
 5055 03:52 TIPC EF rel Px (3/29 Wakefield-IA)  
 6160 01:20 R Impacto Mx Px (3/13 Wright-MB) (D'Angelo -PA)

Before I go on to Ecuador. I've been typing a lot of 3/13's, 14's, and 15's, and my own log is full for those dates. Several Peruvians were on late the 15th in preparation for pilgrimages honoring Peru's Patron Saint, but neither that nor the full moon explains the number of reports. LA reception was enhanced over all of North America during that period, yet I noted nothing sufficiently extreme in the WWV reports to suggest a direct correlation. I'd like to hear from anyone who's developed a theory explaining these situations. ch.

ECUADOR

3220 01:41 HCJB Quechua Px with Mx (3/12 Bishop-NY)  
 3315 11:03 R Pastaza rel Px, off-hand ID (3/15 ch-MX)  
 3381 10:30 R Iris R Iris ID at 10:31 (231 3/20 Carlisle-WA)  
 3395 00:23 R Zaracay (3/13 Bishop-NY)  
 4795 01:24 L V de los Caras personal annts thru QRM (322 3/28 ch-MX)  
 4820 09:03 R Paz y Bien rel Mx then S/on routine followed by NA (3/24 ch-MX)  
 4850 11:23 R Luz y Vida rel Px, ID at 11:23 (3/7 Carlisle-WA)  
 4870 03:42 R Rio Amazonas ID, Nx (3/29 Wakefield-IA)(Bishop-NY)  
 4890 01:58 R Centenila del Sur EXL Mx, ID thru UTES (the Mexican airports use this frequency)(322 3/16 ch-MX)  
 4920 05:04\* R Quitto ID over Indian Love Call (3/15 Allen-CA)(Witte-CA)(Havrilko-UK) (Janusz-NJ)(Bishop-NY)  
 5040 02:36 L V del Upano ID, NA, full ID (Wright-MB)(Bishop-NY)(Levison-PA) +++  
 5050 00:58 R Jesus del Gran Poder Mx, ID (322 3/24 Bishop-NY)

And HCJB by frequency 6075, 6130, 6230, 9870, and 15115 kHz, all EF broadcasts reported by a dozen monitors. Don't forget to tune the DXPL with the Speedx Report.

FALKLAND ISLANDS3958 09:30 FISB rock Mx (222 3/9 Hill-MA)FRENCH GUYANA3385 01:43 RF de OM ckassical Mx Px (3/23 Bishop-NY)9800 03:25 RPI review of French and intnl Mx, ID, in EE, into FP Px at 03:30 (3/19 Preston-CA)GUATEMALA3300 05:15 R Cultural EZL Mx, ID's, cmtry on economics (3/13 Preston-CA) (Witte-CA)(Bishop-NY)(Wright-MB)(during their late-nite bdcsts, they apparently reduce power. ch)3325 11:03 R Maya nice ID between vocal selections (3/12 D'Angelo-PA)

Also active this month, 2360, 2390, 3360, 3370, 3380, 4825, 4835 kHz, all logged at this QTH. ch

HONDURAS3250 01:45 R Luz y Vida rel Px, ID (3/12 Bishop-NY)4755 02:03\* HRRI LA Mx, a few "Numero Uno" ID's, full ID & NA at s/off (3/15 Allen-CA)(Alexander-NC)(Januez-NC)(Bishop-NY)4820 03:30 HRVC EE bdcst "Hour of Decision (3/30 Hill-MA) SS Px (Wakefield-IA)(Bishop-NY)6075 22:20 L V de Junco pop Mx, TC's & ID's in ad block (3/28 ch-MX)NICARAGUA6120 12:35 R Zinica tape with several "V of Nicaragua" ID's in EE & SS, also La/Long and Bluefields QTH (3/12 Carlisle-WA)(they must have a new Commandante de la Revolucion in charge of radio. ch)PARAGUAY9735 21:50 R Mac de Paraguay SS songs and Mx (3/17 Pinchon-France)(Kerrigan-IL)(Wakefield-IA)(Sampson-WI) (the US reports around 10:00 UTC)PERU3340 06:28 R Altura pop Mx until 06:39\* with NA, then they threw in another tape until 06:57\* (242 4/11 ch-MX)4790 04:41 R Atlántida rel Tx, OA Mx, and ads until 04:58 final, NA at 05:00 but cut short at 05:01 then came on for a few seconds at 05:02 (3/16 ch-MX)4810 10:40 R San Martin OM/YL Tx until 11:00 ID, Mx (3/13 Alexander-NC)4825 09:57 L V de la Selva ID between Mx (4/6 ch-MX)4826 11:10 R Sicuani(tent) Quechua(?), no ID heard, QRM LV de la Selva (121 3/20 Carlisle-WA) (I think that this was possibly R Mam who come on with an Indian language Px at 11:00. ch)4885 06:23 R Huancavelica OA Mx, sounded like the record stuck at 06:31, ID at 06:42 (2/14 Havrilko-UK)4935 11:12 R Tropical long block of Tarapoto ads (3/15 ch-MX)4936 09:45 R Abancay OA & pop Mx, ID at 09:47, ments of Peru and QTH (3/14 Carlisle-WA) (Frankly, Fred, the only Peruvian I ever hear on this frequency is Tropical, but noting the date, it only confirms the unusual propagation that I noted previously. ch)4950 09:18 R Madre de Dios rel Px, Mx a bit primitive, TC & ID at 09:30 (4/6 ch-MX)4966 11:10 R San Miguel Quechua(?) Tx, not sure if it was Peruvian, no ID (141 3/19 Carlisle-WA) (I'd guess the Bolivian, R Juan XXIII who do bdcst in Quechua at this time. ch)4970 08:37 R Imagen party Mx, they anced a 00:00 to 05:00 Px for "todos los Domingos", ID at 08:52 (3/15 ch-MX)4996 10:45 R Andina Mx, ID, ads (3/30 Wakefield-IA)5015 02:53\* R Moyabamba LA Mx, full ID before s/off with NA (3/13 ch-MX)5030 01:57 R Los Andes LA Mx (3/31 Bishop-NY)6115 05:10 R Union Mx & ID's (3/15 Wright-MB)6189 11:28 R Oriente ID by OM, accordion & LA pop Mx (3/8 Carlisle-WA)6724 11:50 R Satelite heard weak ID at 12:00 (3/22 Carlisle-WA)

Peru now back on standard time.



VENEZUELA

3225 10:35 R Occidente pop Mx, ID at 10:59 (3/9 Carlisle-WA)(Bishop-NY)  
 3275 01:37 R Mara romantic & pop Mx, Maracaibo ads (3/28 ch-MX)  
 4780 10:10 L V de Carabobo LA Mx, ID's, ads (3/13 Alexander-NC)(Wakefield-IA)  
 4830 02:24 R Tachira "R Tachira es la primera" (3/14 Wakefield-IA) (Allen-CA)  
 (Bishop-NY)  
 4840 02:10 R Valera "R Valera" ID, TC (3/15 Wakefield-IA)  
 4850 06:15 R Capital top-40 soul Mx (2/14 Havrilko-UK)(Bishop-NY)  
 4970 01:49 R Rumbos LA Mx, ID at 01:50 (3/31 Bishop-NY)  
 4980 02:00 Ecos de Torbes Accordian Mx, ID at 02:06 (3/16 Wright-MB)  
 5023 06:00 R Nacional pop Mx "Nacional, 24 hrs" (3/29 Hill-MA) (the 24 hr Px is  
 only during weekends. ch)  
 9660 00:35 R Rumbos LA Mx, ads, frequent ID's (3/13 Preston-CA)(Alexander-NC)  
 (Miller-CA)  
 11862 10:40 R Nacional lively LA Mx, ID (3/11 Alexander-NC)(Levison-PA)  
 (Shreedhar-INDIA)

Harold Levison noted that some of the musical selections on R Nacional were 7 minutes long. Back in the 30's, it had been the practice to compose and record within the 2 1/2 minute timeframe of a 78 RPM disc. At dances, the bands added enough choruses and verses to get to 5 minutes or so, but 2 1/2 minutes was the standard unit. The US DJ's developed a strict schedule of an announcement and musical number every 3 minutes. Of course, the advent of LP's and tapes loosened the restriction, but the custom persists. In South America, 1942, when music was live and everywhere, I noted that much of the music had been composed and was played in 7 or 10 minute units. This contrasted with Central America which developed a Spanish version of the shorter American unit. Popular recording of local music came after the development of LP's and tapes in western South America so the composers and artists were not forced into the shorter format. Throughout Latin America, parties everywhere feature live music in 7, 10, or even 15 minute time blocks. Many stations, especially on late-nite broadcasts, reflect this format. If you listen carefully to the longer selections, you'll note that they have been constructed as a single unit and not a piecing together of repetitive units to fill the time. Many LA DJ's go to a "break in" or "talk over music" format when they face the longer musical selections.

Before I go on to the clandestines, last month the CDE material arrived late. It was slightly over three weeks instead of the usual five days in transit. In that I was a little short on material this month, my first thought was to include it, but after some soul-searching, I decided that reception in February isn't really a DX Tip in May. But here toward the end of the column, I see that I could have included some of the missing stations. I want to thank those who did send reports, and apologize to those whose material was omitted. Credit for reports via the CDE is made by the CDE, so your point toward full membership and voting is already in John Trautschold's computer.

CLANDESTINE

3725 02:50 R Venceremos (tent) OM shouting in SS, ID lost in ARO QRM, but probably them (2/8 Havrilko-UK)  
 7380 08:22 L V del CID Tx about psychological torture (4/4 Halstead-WV)  
 7470 03:45 R Caiman hard rock Mx, ID, 03:56\* (3/22 Sampson-WI)(Havrilko-UK)  
 9940 02:05 L V del CID Nx, ID, Tx on Cuba, Tx on Nicaragua (3/4 Wright-MB)  
 (Havrilko-UK)

RADIO SUTATENZA, in part from an article in "Selecciones", November 1954, and in part, a personal observation of a cultural history.

The article, which omits dates for that era, describes Sutatenza as a small village isolated in the Colombian Andes, typical of many where the people have lived for generations almost without roads, without schools, and without contact with the world outside. Yet, although the article missed it, the outside world was pushing in by air. The first wheeled vehicle to arrive in Bogotá had been an aeroplane. Uribe, the Colombian Air Force photographer, bounced above the valleys in a Ford trimotor, manipulated an obsolete aerial camera, and designed roads. And Bill Hightower, an American but I never knew where he was from, had a fleet of Fords, some on floats, and moved heavy equipment to anywhere in the mountains and jungle. Radio was there too, Collins, the old company, was installing communications and navigation equipment to guide Panamerican and Avianca through the mountains.

At times, and there were always long evenings to be killed talking in a bar somewhere in the jungle, we spoke of the country, its problems, and its future. It was an almost endless expanse of isolated villages, and ignoring a few brushes with still-hostile Indians, everyone became a friend that you wanted to help. We were engineers who could explore and build, but too rough and too impatient for the basic need, education. What was needed was a unique man, a catalyst, equally proficient in the old culture, the new, in politics, and in technology.

Such a man was padre Salcedo. He had been a ham in those days of building your own, was from the mountains and not only understood the people and their problems, but through his studies outside, was part of that world. Being Catholic, he differed from other missionaries. Every village had its church, sometimes half-ruined and abandoned, but it had been there for centuries and automatically made padre Salcedo part of each village and its history.

Radio Sutatenza started with three receivers, a demonstration that you could hear voices from afar. This was followed by a 100 watt transmitter in the village that established the voice behind the microphone as a real person. Communication within the area resulted in an outburst of civic pride. Streets and buildings were repaired, a radio center built, and Sutatenza became a showplace in the mountains. But padre Salcedo's goal was to teach the people to read and write. Graphs are difficult without television, but he solved this by having a literate person at each receiver to draw on a blackboard. This was really the start of educational radio.

The archbishop of Tunja, impressed by the success in Sutatenza, created the Acción Cultural Popular that provided a 1 kw transmitter in Sutatenza and coverage of the Department of Boyacá. In 1953, the government expanded the program and built the 25 kw transmitter in Bogotá. This resulted in a conflict. In Colombia, as in most Latin-American countries, the people in the provinces have an instinctive distrust of those in the Capital, and even speak a noticeably different language. Padre Salcedo was determined that Radio Sutatenza would never speak the language of the great city because the campesinos would distrust it. The station has, and continues to educate thousands of people, but because of a series of compromises, it operates in an area that is neither Church nor State. It became a model for some United Nations projects, and as many DXers remember, it was a group from Radio Sutatenza that trained HRRI's personnel in Puerto Lempira.

There is an undefinable "something different" in Sutatenza's programs. I hope that this rather unorthodox type of profile will help some to understand it.

The least-publicized part of the HRRI was the installation of receivers in the isolated Mosquito villages, and of course, teaching people to use them. Here in Mexico, I still hope to uncover some of Huayacoctla's development of an audience with 120-meter receivers. The station itself was created by the fusion of two educational stations, one government and one university, in an area even more remote from the sea where "marine band" receivers were less common. I've noted that the HCJB histories, excellent though they are, tend to omit this aspect in their development. Perhaps it's because they believe that DXers are more interested in the signal "getting out" than in their development of a local audience. I know these contacts to establish an audience were part of their history as there was one group that "didn't make it" on a trip to the jungle.

I don't know if there are any anthropologists among those who DX the Latins, but even today, a collection of tapes of some station's personal announcements could form the basis of a book-length study of radio's role in village life. If we're to understand radio, we can't say "I shot an arrow in the air ....." and go into a long dissertation on the technology of bows.

73's and CU in 30

*Conf*

**EUROPE**

Daniel Sampson  
Route #1, Box 36  
Black River Falls, WI 54615-9714



Deadline: 12th  
Times/Dates: UTC  
Frequencies: KHZ

Destination: \_\_\_\_\_  
Seal Window Center Aisle  
flight     
Row

**EUROPE**

**BOARDING PASS**

May 15-17 I am going to be at the Chicago & North Western Historical Society convention in the Council Bluffs, IA-Omaha, NE area so those of you in the area now know why there will be so many people standing around the railroad tracks some of which including myself who will be wearing green & yellow hats! You've got to give your favorite railroad some free advertising eh! For those of you who may not know what the Chicago & North Western is, it is a railroad stretching from Chicago to Wyoming and Duluth, MN to Kansas City & St. Louis. Enough of the railroad info onto what this column is all about.

ALBANIA Radio Tirana

7065 2250 RT EE; tlk about American designs in the ME (444 3/19 Richmond)  
9480 1656 RT EE; YL w/ mx & review of pgms (544 3/15 Bush-OH)  
(Havrilko-U.K.)

AUSTRIA Radio Austria International

6155 0131 RAI EE; "Rpt from Austria" (433 3/21 Bishop-NY)(Coleman-MA)  
9870 2150 RAI EE; "Pop Corner," pianist Fritz power (443 3/19 Fraser-MA)  
12015 1530 RAI EE; nx, tlks, mx, "Rpt from Austria" (222 3/15 Miller-CA)  
15320 1230 RAI EE; Waldheim makes \$345,000 a year (545 3/19 Robinson-TN)  
(Brame-IL)

BELGIUM Belgische Radio en Televisie

5910 0030 BRT EE; IS, nat'l nx, YL w/ tlk (121 3/14 Miller-CA)  
7140 1130 BRF via BRT GG; nx, ID (3/24 Gager-Austria)  
9905 1832 BRT EE; "Brussels Calling," DX pgm (343 3/15 Richmond-MD)  
15515 1652 BRT EE; tlk w/ furniture wholesaler, s/off anmts & ID, Dutch song to fill (343 3/19 Westenhaver-QU)  
15590 1540 BRT FF; orch mx, RTTY QRM (333 3/24 Miller-CA)

BULGARIA Radio Sofia

7115 0430 RS EE; "Answering Your Letters, role of Socialist emulation in economic recovery since WWII (333 3/16 Allen-CA)(Wakefield-IA)  
9520 2131 RS SS; nx (444 3/22 Woering-MA)

CZECHOSLOVAKIA Radio Prague

5930 0340 RP EE; tlk about Czech. inventing soft contact lenses, into mx. // 7345 (444 4/2 Shanklin-MA)(Neff-OH)(Wright-MB)(Block-LA)  
7345 0135 RP EE; ID, Czech telephone system is growing (555 4/1 Coleman)  
11690 1910 RP FF; nx of an art exhibition in Prague (333 3/18 Richmond-MD)  
13715 1550 RP EE; discussion of the protection of endangered species in Czechoslovakia (233 3/15 Richmond-MD)  
15110 1532 RP EE; nx, arms tlks continue (322 3/18 Brown-IL)

DENMARK Radio Denmark

9720 1128 RD Danish; intvw, 1130 ID ment. this was relay of HS "Radioavisen" pgm to NAM, EE ID, NA (333 3/19 Westenhaver-QU)  
11945 1612 RD Danish; current affairs, Danish/EE ID @ 1614, rel svce (333 3/15 Westenhaver-QU)  
15165 1300 RD Danish; IS, Danish/EE IDs, Danish pgm (444 4/1 Brame-IL)

**FINLAND Radio Finland**

6120 0930 RF EE: IS, ID, weekend nx magazine, // 9655, 11755 & 11935 (544 2/21 Havrilko-U.K.)  
 11945 1403 RF EE: "Northern Rpt." Swedish sanctions against S. Afr. (443 3/4 Kline-CA)(Richmond-MD)(Wakefield-IA)(Brown-IL)  
 15400 1405 RF EE: nx, recent power shift to conservatives in Finnish politics (343 3/21 Jones-TX)(Miller-CA)(Wright-MB)(Brane-IL)(Block-LA)

**FRANCE Radio France International**

3965 2157 RFI FF: EZL mx w/ EE speaking artists (544 2/22 Havrilko-U.K.)  
 7135 0352 RFI EE: nx, review of French press (534 2/24 Block-LA)  
 9550 0415 RFI EE: nx, IDs (444 3/22 Neff-OH)  
 9860 1615 RFI EE: nx (444 3/20 Shreedhar-India)  
 11670 1426 RFI FF: YL/OM w/ tlk (443 3/27 Bush-OH)  
 11955 2201 RFI FF: Int'l nx (444 3/11 Richmond-MD)  
 15300 1705 RFI FF: YL ancr, FF pgm (444 3/6 Trent-AK)  
 15365 1435 RFI FF: various types of mx (Levison-PA)  
 17620 1615 RFI EE: nx, review of French press, fast food expo, jazz (544 3/30 Brane-IL)(Robinson-TN)(Brown-IL)(Alexander-NC)  
 17720 1245 RFI FF: jazz w/ OM DJ (433 3/29 Dillon-MD)  
 21620 1428 RFI FF: discussion (333 3/21 White-FL)

**GERMAN DEMOCRATIC REPUBLIC Radio Berlin International**

6010 0345 RBI EE/SS: EE s/off, SS ID, fade out (111 2/16 Block-LA) (Westenhaver-QU)  
 6040 0844 RBI EE: ID, tlk on Soviet cosmonauts & support for Loas & the training of Loatian doctors in the GDR (555 2/21 Havrilko-U.K.)  
 6080 0005 RBI EE: comments on Africa, human rights violations (343 3/21 Levison-PA)  
 6125 2156 RBI EE: nx, ID, review of New Orleans song festival (434 3/19 Richmond-MD)(Block-LA)  
 15240 1731 RBI GG: ment. S. Afr. & Vietnam, comtry (433 3/15 Miller-CA) (Trent-AK)(Westenhaver-QU)  
 21540 1400 RBI EE: conversation w/ an Australian trade representative (333 3/21 White-FL)

**GERMAN FEDERAL REPUBLIC Deutsche Welle\*\*Radio Liberty**

3995 2026 SAAR via DW GG: tlk about 3rd Wld, pop mx, Argentine debt (444 3/26 Gager-Austria)  
 2115 DLF via DW GG: pop mx (444 3/26 Gager-Austria)  
 2206 DW GG: OM w/ nx, RTTY QRM (433 2/22 Havrilko-U.K.)(Bishop-NY)  
 2320 NDR via DW GG: night pgm (444 3/28 Gager-Austria)  
 6035 0212 DW EE: Soviet disarmament proposals, to Asia (444 3/4 Westenhaver-QU)  
 6075 1210 WDR via DW GG: tlk, mx, IDs (444 3/28 Gager-Austria)  
 6100 0318 DW GG: tlk on education & engineering training, // 6145 & 6085 (555 2/12 Block-LA)  
 7130 0220 DW GG: religion in Germany, ARD QRM, story on Corazon Aquino (545 2/16 Block-LA)  
 7285 0201 DW EE: nx, ID, Asian edition of morning magazine, tlk on US aid to Pakistan (232 3/20 Gerstner-NY)  
 9700 0010 DW GG: nx (433 2/13 Block-LA)  
 17825 1530 DW EE: summary of Academy Awards (333 3/15 Richmond-MD) (Brown-IL)  
 21455 1421 RL GG: GG pgm (333 3/21 White-FL)

**GREAT BRITAIN British Broadcasting Corporation**

3955 2155 BBC EE: opera, nx, fighting in Beirut (555 2/22 Havrilko-U.K.) (Gerstner-NY)(Snyder-NY)  
 5975 0423 BBC EE: British nx, press review (222 4/1 Manderscheid-CA) (Dillon-MD)(Block-LA)  
 7325 0159 BBC EE: wld nx, press review (333 3/24 Dillon-MD)(Wakefield-IA) (Brown-IL)(Block-LA)  
 9410 2027 BBC EE: nx headlines, Iran-Iraq war, Spanish protest of US airbases (444 3/15 Brown-IL)(Curtis-TN)



GREAT BRITAIN continued

9915 2354 BBC EE; "The Farming Wld" on a farming show on Zambian TV (343 4/2 Westenhaver-QU)  
 15070 1655 BBC EE; address on Kurds-iraqi political actions (344 3/6 Trent-AK)  
 15245 1412 BBC Finnish; hip DJ w/ lots of chat & British pops, ex-7255 (433 3/29 Westenhaver-QU)  
 18080 1517 BBC EE; African svce, "African Perspective" w/ rpts on Egypt heading OAU & Israeli-S. Afr. relations (454 4/12 djs-WI)

GREECE Voice of Greece\*\*Voice of America relay

7205 0101 VOA EE; Reagan's press conference, "VOA Friday Morning" (343 3/20 Gerstner-NY)  
 7430 0100 VOG EE/Greek; nx, mx, EE nx edition (444 3/6 Card-RI)(Bush-OH) (Coleman-MA)(Snyder-NY)(djs-WI)  
 9420 0335 VOG Greek/EE; Greek mx, EE nx, ID (242 3/29 Wakefield-IA) (Langlois-FL)  
 9740 0356 VOA EE; pgm about social workers, Morning pgm, nx (333 3/27 Curtis-TN)  
 17565 1545 VOG EE; nx, Greek anmts & s/off (322 3/30 Brame-IL) (Westenhaver-QU)

HUNGARY Radio Budapest

6025 0305 RB EE; nx, Soviet proposal on medium-range nuclear missiles, mx pgm (343 3/20 Wright-MB)(Miller-CA)(Block-LA)  
 1500 Kossuth R. via RB Hungarian; nx, ID, 24 Hours, mx (444 3/27 Gager-Austria)  
 9835 0201 RB EE; nx, comment, life of an artist, unemployment in Hungary (444 3/19 Levison-PA)(Havrliko-U.K.)  
 11910 2102 RB EE; ID, nx (232 3/15 Richmond-MD)

ICELAND

Reykjavik's latest sked includes a tropical band of 3400 kHz! to Europe @ 1855 UTC (RN Media Network 3/27)

IRELAND Radio Dublin International

9909.8 1430 EE; Top 40 & soul mx (444 2/8 Havrilko-U.K.)

ITALY Radiotelevisione Italiana

9575 2345 II; opera & EZL mx, // 11800 (454 3/5 Fraser-MA)(Miller-CA) (Curtis-TN)

LUXENBOURG Radio Luxembourg

6090 1723 GG; rock mx, hum behind audio (544 2/20 Havrilko-U.K.)  
 15350 1938 FF; rock mx, ID @ 1944 (444 3/22 Curtis-TN)

MALTA Deutsche Welle relay

11855 1123 DW JJ; tent. site, ment. Moscow, marching mx, wld nx, opera, ID in GG @ 1150 (333 3/14 Dillon-MD)  
 17875nf 1426 DW Urdu; "Yeh R. DW, the V. of Germany Hay," transmitter site in EE (243 3/30 Westenhaver-QU)  
 21650 1417 DW lang; Jazz pgm, ID (333 3/21 White-FL)

MONACO Trans World Radio-Monte Carlo

7105 0800 EE; "Back to the Bible," f/out @ 0320 (333 4/6 Alexander-NC) (Havrliko-U.K.)

NETHERLANDS Radio Nederland

6020 0231 RN EE; birthday wishes (544 3/30 Wakefield-IA)(Block-LA)  
 9895 2119 RN EE; mailbag pgm (555 3/1 Woering-MA)  
 13770 1428 RN EE; pgm details, IS, to Indian subcontinent (443 3/27 Bush-OH)(Brown-IL)  
 15560 1430 RN EE; song 'Help the Children of Brazil' & ID (333 4/5 Snyder-NY)(Richmond-MD)

**NORWAY** **Radio Norway International**  
 5990 1557 RN EE: IDs in EE/Norw., nx, // 9590 & 15310 (544 2/21 Havrilko-U.K.)  
 15310 1411 RN EE: discussion of tourism in Norway (444 3/15 Richmond-MD) (Levison-PA)(Brown-IL)

**POLAND** **Radio Polonia**  
 6135 1603 RP EE: nx of Polish-American relations & sanctions against Poland (544 2/21 Havrilko-U.K.)  
 7270 0200 RP EE: Polish nx, mx request, DX Club (433 3/20 Card-RI) (Brame-IL)  
 9540 1750 RP EE: economic cooperation & foreign investment in Poland (333 3/17 Richmond-MD)(Gerstner-NY)(Levison-PA)

**PORTUGAL** **Radio Portugal\*\*Deutsche Welle relay\*\*Radio Free Europe**  
 9565 0300 RP EE: ID, nx, comtry (444 3/6 Langlois-FL)  
 9705 0300 RP EE: NA, ID, nx, pgm on tourism (333 3/19 Shaffer-PA)  
 15160nf 1558 DW Romanian; "Voce Germani" IDs, PP transmitter anmt (333 3/15 Westenhaver-QU)  
 21745 1630 RFE Bulgarian; political tlks about USSR, // 17725 (443 3/6 Pinchon-France)

**ROMANIA** **Radio Bucharest**  
 6190 2257 RB SS/Romanian; IDs, mx, IS, into Romanian (444 3/17 Brame-IL)  
 9570 0225 RB EE: comments on education, inventors, hobbies of youth (333 3/10 Levison-PA)(Westenhaver-QU)  
 9690 2100 RB EE: rpt on spring w/ early planting & new consumer goods available (342 3/22 Fraser-MA)  
 15250nf 1524 RB EE: station poll of listeners on devoting military spending to 3rd wld development (343 3/18 Westenhaver-QU)  
 15335 1500 RB EE: tlk on Burmese/Romanian relations, Asian svce (232 3/15 Wright-MB)

**SPAIN** **Radio Exterior de España**  
 6125 0530 REE EE: spts, folk mx, new TV series shot in Spain (333 3/12 Wright-MB)(Miller-CA)(Shreedhar-India)(Coleman-MA)(Preston-CA)  
 9360 0001 REE SS: nx, ID, "Diario de Europa" (444 4/1 Manderscheid-CA) (Wakefield-IA)  
 9630 0015 REE EE: SS history, DeSoto expedition to America (444 3/2 Langlois-FL)(Bishop-NY)(Fraser-MA)(Preston-CA)(Wright-MB) (Brown-IL)(Block-LA)  
 11775 2301 REE SS: light fill mx, jingle ID w/ castanets (333 3/9 Westenhaver-QU)  
 11880 2006 REE SS: pgm about mx (444 3/23 Bush-OH)(Woering-MA)  
 15375 1825 REE EE: IS, ID, freqs, TC, nx (434 3/22 Brame-IL)(Brown-IL) (Curtis-TN)  
 17345 1818 REE SS: local mx w/ vocals (444 3/12 Levison-PA)  
 21575 1414 REE SS: SS mx (333 3/21 White-FL)

**SWEDEN** **Radio Sweden International**  
 9565 0936 RSI EE: tlk on pollution in the Baltic Sea killing fish, // 15390 (333 2/21 Havrilko-U.K.)  
 9695 2300 RSI EE: ID, nx, "Sweden Calling DXers," // 11705 (545 3/3 Woering-MA)  
 11785 1412 RSI EE: review of Swedish press, // 15345 (333 3/20 Richmond-MD)(djs-WI)  
 11845 1840 RSI EE: nx, "Weekday" (322 3/18 Richmond-MD)(Westenhaver-QU)  
 11940 1615 RSI EE: "Sweden Calling DXers," // 9695 (444 3/17 Shreedhar-India)  
 11955 1329 RSI RR: IS, "Govorit Stockgolm" ID, to N. Asia (232 3/8 Westenhaver-QU)  
 15345nf 1400 RSI EE: nx, AIDS in Iceland & Sweden (333 3/25 Alexander-NC) (Westenhaver-QU)(djs-WI)  
 15430nf 1245 RSI EE: intvw w/ owner of Stockholm's only authentic Indian restaurant, ex-11735, from 3/29 will be 17845 (433 3/26 Westenhaver-QU)

SWITZERLAND Swiss Radio International

3985 2245 SRI GG; rock mx, ID, NA, 2300\* (333 3/18 Gerstner-NY)  
(Havrliko-U.K.)(Gager-Austria)

5965 2258 SRI PP/II; Swiss mx, PP ID, TC, into II, nx (434 4/4 Brame-IL)

9530? 0625 SRI EE; Swiss mx, QRN (fair 3/28 Witte-CA)

9535 1303 SRI EE; int'l nx, "Dateline," // 12030 (322 3/20 Richmond-MD)  
(Woering-MA)

9625 0200 SRI EE; nx, ferry accident off the coast of Belgium, SW conf.  
in Switzerland breaks up (333 3/8 Brown-IL)

9725 0155 SRI EE; nx, ID, "Dateline," QRN from 9730 (433 3/29 Miller-CA)

9885 2123 SRI EE; intvw w/ designer of the 'William Tell Wristwatch' (434  
3/23 Richmond-MD)(Woering-MA)

11955 2100 SRI EE; nx, "Grapevine" (343 3/15 Shaffer-PA)(Neff-OH)

12030 0625 SRI EE; polka, int'l nx (222 3/26 Preston-CA)

12035 2130 SRI EE; nx, protests in Spain turn violent, "Grapevine" (454  
3/15 Brown-IL)

15570 1332 SRI EE; nx, fallout from Soviet nuclear test reaches the  
atmosphere (222 3/14 Brown-IL)

17830 1537 SRI EE; nx, "Grapevine" (343 3/15 Richmond-MD)(Wakefield-IA)

U.S.S.R. Radio Moscow\*\*Radio Vilnius\*\*Radio Kiev\*\*Laos Radio relay\*\*Radio Stantsiya Atlantika\*\*Radio Stantsiya Rodina\*\*Radio Station Peace & Progress

4060 2209 RM/RSPP EE; nx, people dying in Georgian avalanches (444 2/22  
Havrliko-U.K.)

6105 0010 RSPP Créole; tlc about Soviet nuclear disarmament proposals,  
ID, into tlc about US sabotage of the Contadora peace process  
in CAM (333 4/3 Westenhaver-QU)

6200 2301 RV EE; wld nx, intvw of a mother whose daughter was featured in  
two songs (444 3/7 Levison-PA)

7150 0334 RM Simferopol Ukraine (RDI) EE; OM giving speech @ joint  
US-Soviet conf. (444 3/21 djs-WI)(Block-LA)

7165 2300 RV EE; ID, nx, // 13645, 11790, 11860 & 6200 (444 3/19  
Richmond-MD)

9710 1745 RM EE; nx, mx, to Africa, tlks in RR (544 3/14 Miller-CA)

11790 0046 RK EE; nx, "A Country in the making" (434 2/13 Block-LA)

2320 RV EE/RR; tlc on Lithuania, into RR @ 2330 (434 3/16 Miller-CA)

11860 0308 RK EE; nx, comtry (323 2/16 Block-LA)

11870 1100 Laos R. FF; nx, comtry, local IDs (444 3/28 Gager-Austria)

12060 0640 Mayak RR; EZL RR mx, time pips @ 0700, tlc (nx?) (333 3/26  
Preston-CA)

12070 1630 RSA RR; mx, ID (343 3/9 Pinchon-France)

13645 2300 RV EE; mailbag pgm (352 3/15 Kline-CA)(Gerstner-NY)

13665 0251 RM EE; Apollo-Soyuz mission, "Home in the USSR," nx, "Outlook"  
(353 4/9 djs-WI)

17580 1355 RSR RR; tlc about Chernobyl, nx about spectacles, mx in Russia  
(444 3/18 Pinchon-France)

VATICAN CITY STATE Vatican Radio

6250 1615 VR EE/II; ID in II @ 1615, nx in EE, // 1530, 7250, 9645 &  
11740 (555 2/21 Havrliko-U.K.)

9605 0050 VR EE; comtry, Knights of Columbus (444 3/2 Langlois-FL)

9615nf\*0214 VR SS; IS, Andean mx (222 3/29 Westenhaver-QU)

9645 2300 VR SS/PP; IS, ID, Pope's Chile trip, guitar mx, EE ID, SS tlks  
over crowd, shouts of "Viva el Papa" (343 4/2 Brame-IL)

11780nf\*2330 VR PP; cl mx, ID "R. Vaticana, programa Brasileira," EZL mx  
introducing "As palavras do Papa" (343 3/3 Westenhaver-QU)

21725 1430 VR II; ID (333 3/21 White-FL)

UNIDENTIFIED

21645 1425 lang; translation from an EE text into a mid-east lang (333  
3/21 White-FL) Radio Jamahiriyyah, Libya, has been heard on this  
freq in AA @ 1230-1325 by Jordan & Klein in the April issue of  
FRIENDX.-djs

3/31 Jamil

# Africa

Al Quaglieri • P.O. Box 888 • Albany, NY 12201-0888

All times and dates UTC: Frequencies in Khz: \*0000 = s/on, 0000\* = s/off.

Submission Deadline is the 12th.

You've been a DX'er too long when: 1) you go house-hunting with a portable shortwave set in hand to check the property for noise levels; 2) the high point of your holiday is hearing late-signing tropical-banders; 3) you spend sunny Spring days typing up SPEEDX columns. Guess which one I'm doing today?

LOGGINGS FOR MAY, 1987

BEST BETS: =ECNA, =WCNA

## ALGERIA

- 9509.5 1915 R. Algiers: EE; pop mx pgm w/M ancr, @1928 ID & The Week in Algeria and Africa, more pop mx. 433(3-7 Gerstner-NY)
- 17745 1433 R. Algiers: FF; Radio-Clip pgm: EE/FF pops, M dj, interviews, cinema skeds, short general-interest items; nx on the hour. 444(3-31 Westenhaver-QUE)

## ANGOLA

- 4952.5 2250 RN Angola: PP; continuous mx to 2301 ID, lcl anmts, W ID @2305 "De Luanda, capital de la Republica Popular de Angola, transmite Radio Nacional de Angola..." 343(4-24 ed.)
- 9534.8 0730 RN Angola: PP; M echo ID, promos, lively mx. Deep fades. 333(3-23 ed.)
- 9719.8 0742 RN Angola: PP; M ID "RNacional de Angola", W ancr w/tc, into accordian music. Not //9534.8. I still don't believe this is 24h operation..never heard before 0530 this freq. 232(3-23 ed.)

## ASCENSION ISLAND

- 6005 2329 BBC Relay: EE; mx: Ghostbusters; ID @2330, into rpt on SEAsia. 333(3-31 Curtis-TN). @0030 Just a Little Old Tune pgm. 444(3-3 Kline-CA)
- 7105 0420 BBC Relay: EE; British nx, rpt nuclear reactor construction. 433(3-12)
- 7160 0338 BBC Relay: EE; Network Africa: rpt on what Senegalese news-Zirkelbach-CA) papers are like. (An interesting pgm for those really interested in Africa). 433(4-3 Westenhaver-QUE). 433(3-21 Sampson-WI). 444(Zirk.-CA)
- 9600 0310 BBC Relay: EE; Nx, The World Today. 232(3-14 Wright-MB). 443(3-17 Brown-IL)
- 11820 1710 BBC Relay: EE; World/African nx, African Perspective. 222(3-22 Richmond-MD)
- 17830 1125 BBC Relay: SS; Press Review, nx headlines. 1129\* foll by VOA s/on in SS. //15285(322). 343(3-22 Westenhaver-QUE)

## BENIN

- 4870 2138 LV de la Revolution: FF; African mx, some ancr comments. 333(3-16 Levison-PA)

## BOTSWANA

- 4820 0401 R. Botswana: Setswana: gospel mx, W ancr @0421, more mx, much of it familiar gospel numbers in native language. 443(3-22 Thompson-CA). 333(3-17 Preston-CA). 444(3-22 Snyder-NY). 322(3-28 Wakefield-IA)
- 7255 0357 R. Botswana: EE/Sets: M prayer in EE, choral mx. 433(3-13 Zirkelbach-CA)

## BURKINA FASO

- 4815 0600 R. Burkina: FF; ID, M ancr, song "Kubi", W w/nx @0630. 343(3-16 Alexander-NC). 333(3-7 Wakefield-IA).(3-24 Pimblett-AB).(3-10 Levison-PA). 222(3-16 Preston-CA)



CAMEROON

- 4850 0507 R. Cameroon: FF; choral singing, small talk between selections. 434(3-8
  - 5010 0447 R. Garoua: vern: drums, "...R. Cameroon.." ID by M. drums, then [Levison-PA] amnts w/drum stings between. 333(4-18 ed.)
- [No sign of Douala/4795 this month, nor any readable sigs from Bertoua/4750, at least here in NY. Inactive? -ed.]

CANARY ISLANDS

- 15365 2258 R Exterior de Espana Relay: SS; W ID "...REE, desde las Islas Canarias..", fill mx to 2300, then M tik. 232(3-6 Westenhaver-QUE)

CENTRAL AFRICAN REPUBLIC

- 5035 0455 R. Centrafricque: FF; tribal mx, hyper M anc'r @0459, tp's @0500, M "Ici Bangui..." mx sting, tlk. 242(4-18 ed.)

CHAD

- 4950 0455 RN Tchadienne: FF; bongo-type IS, vcl NA @0458, lost to noise soon there-after. 222(3-24 Pimblett-AB). 333(3-18 Pinchon-FR)
- 4955 2054 RN Tchadienne: FF; military mx, patriotic tlks about Chad-Libya war. 343 (3-20 Pinchon-FR)
- 4960 0457 RN Tchadienne: FF; long vcl NA to 0500 ID by W. 333(3-31 Pimblett-AB) [Parked on 4960 as of this writing. -ed.]
- 5288 0455 R. Mondou: FF; balafon IS to band NA @0458, then childrens' chorus a la N'Djamena to overmodulated M ID@0502, right into super hiliife mx. 222 (4-4 Forsgren-WI)

COTE D'IVOIRE

- 4940 0626 R. Cote d'Ivoire: FF; ID w/mooring, rooster crows a la Botswana. 343(3-21 Pimblett-AB). pop mx dedication pgm @0622, then electronic sound. fast log drums, ID @0630. //7215(433). 343(4-18 ed.)

EGYPT

- 9475 0207 R. Cairo: EE/AA; prayers and readings in EE and AA. 333(3-6 Woering-MA). @2200 in AA, tik abt Mohammed. 545(3-18 Robinson-TN)
- 9655 \*2030 R. Cairo: EE; nx, cmt'y on Lebanon kidnapping. 433(3-21 Gerstner-NY). 222 (3-15 Brown-IL)
- 9675 0235 R. Cairo: EE; M ID, W presents "Stamp Collectors' Club". 333(3-29 Westenhaver-QUE). 533(3-30 Miller-CA)
- 9990 1803 R. Cairo: Italian; strange mx--sort of an Arabic Palm Court-meets-foxtrot; W ID @1805. One-day punchup error. [We all have days like that. -ed.] 343(3-15 Westenhaver-QUE)
- 12050 2130 R. Cairo: AA; W ID, M w/nx of Reagan, USSR; into mx. 545(3-15 Robinson-TN)

GABON

- 4830 2130 Africa #1: FF; station ID, nx @2132. 343(3-16 Richmond-MD)
- 11900 2345 R. Japan Relay: EE; pgm on hometowns; nx, mni ID's. 454(3-16 Fraser-MA)
- 11940 0600 Africa #1: FF; carrier onn/off, on for good after false starts @0610 w/mx //77200(S10 333). No sign of 6135, and 4830 cut audio (carrier on) @0600. 444 gone by 0630(4-18 ed.)
- 15200 1346 Africa #1: FF; Afropops/EE disco mx, casual ID's between songs. Mixing w/Moscow. 232(4-2 Westenhaver-QUE). @1605..333(3-14 Brown-IL)
- 15475 1900 Africa #1: EE; brief EE nx, back into usual mx. 443(3-20 Barber-IL). @2033 DJ named Kilimanjaro runs down Afropop hit parade w/assistance from EE-speaking W. 454(4-3 Westenhaver-QUE). 333(3-24 Zirkelbach-CA)
- 21700 1500 R. Japan Relay: EE; nx, Japan Travelogue. SEA EE Sce @1800 dropped in March. 544(3-21 Shreedhar-INDIA). 343(3-21 Pinchon-FRANCE)

GHANA

- 3350 0535 GBC-1: vern; Afro mx, M host, heavy ute QRM.//4915. 322(3-31 Pimblett-AB). @0600 nx in EE to 0615\*. 343(3-28 Barber-IL)
- 3366 0625 GBC-2: EE; M "...with a very important message..."; RTTY QRM, fade-out by 0634. [Did you at least get to hear the important message?-ed.] 222(3-13 Zirkelbach-CA).. to 2304\* in EE..252(3-31 D'Angelo-PA)
- 4915 0659 GBC-1: EE; Ancr Richard Kilsey w/nx, mni references to Ghana's 30th Anniversary of Independence (3-6-57). 353(3-6 Kline-CA). 322(3-25 Zirkelbach-CA). @2255...333(3-29 Curtis-TN). 343(3-13 Gerstner-NY)

GUINEA

- 4900 2335 R. Nationale: FF: milife mx to 2355 M ID "Ici Conakry, Radiodiffusion Nationale, Guinee". then W w/freqs. mx bridge to another ID. orchestral MA, off #0000\*. 343(3-14 D'Angelo-PA). 333(3-7 Wakefield-IA). @#0800.. very good(4-5 Sheedy-WV)

LESOTHO

- 4800 0307 R. Lesotho: Sesotho: rei mx in Sesotho, M ancr between selections, ID @ 0316. 333(4-18 ed.)

LIBERIA

- 3255 0645 ELBC: EE: interview w/director of Red Cross, nx @0700. 232(3-3 Barber-IL)
- 3975 0710 Liberian Rural Comm. Net.(t): EE; M ancr w/rel pgm. foll by "How to Communicate" pgm @0735; no ID or lcl info hrd, nearly gone (QSB) by 0735. Ham QRM. 232(3-15 Hardester-PA)
- 3990 0401 VOA Relay: EE; nx. ID. VOA Sunday Morning. 333(3-14 Brown-IL)..(3-23 Preston-CA). 242(3-21 Pimblett-AB)
- 4760 2150 ELWA: EE; anmts for lcl meetings in Monrovia, U.S. gospel mx. @2200 TC for 10 o'clock, BBCWS nx, ID @2209, local nx. 333(3-26 Dillon-MD). 322(3-16 Richmond-MD). @0610 333(3-21 Pimblett-AB)
- 15445 1923 VOA Relay: EE; Africa Sce: tik abt African desert wildlife. 444(3-22 Curtis-TN). @2158...343(3-20 Brown-IL)

MADAGASCAR

- 4960.5 0320 R. Madagasikara(t): Malagasy; usual W ancr w/TC's, local anmts, tik over EZL mx, poss ID, into local guitar/voc mx. 232(4-18 ed.)
- 9540 2030 R. Nederland Relay: EE/SS; experimental bilingual Happy Station pgm. 343 (3-22 Fraser-MA)
- 9715 2126 RN Relay: EE; Happy Station pgm. 454(3-1 Block-LA)
- 15570 1711 RN Relay: EE; tik abt history of shortwave b/c from Ireland. 433(3-19 Richmond-MD)

MALI

- 4783.5 2240 RN du Mali: FF; nx. lcl mx, ID @2246. 434(3-16 Richmond-MD). @0638 acoustic jazz mx, into local mx. 433(3-26 Wakefield-IA)
- 4834.8 2346 RN du Mali: FF; M tkl, ID, mx @2350-2355, ID. 434(3-22 Curtis-TN)
- 7285 0659 RN du Mali: FF; M w/full ID, brief nx item; martial mx to 0713, then ID & 20+ mins of obituaries. 343(3-22 Westenhaver-QUE)
- 9635 0805 RN du Mali: vern/FF; usual weird mx, occ ancr tik; //7285. 322(3-23 ed.)

MAURITANIA

- 4845 0801 RTV Mauritanie: vern; M tkl, but difficult to copy by 0814. 242(3-15 Thompson-CA). @0716...353(4-18 ed.)

MAURITIUS

- 9709 0353 MBC(t): FF/EE?; EZL mx in FF to 0400, then 6 TP's, into nx read by M/W-- possibly in EE, 'tho heavily accented if so. Barely audible in LSB, clobbered by RAI @0415. In the clear but vy wk after 0630 or so; I'm 90% sure it's these guys active again this freq. 131(4-24 ed.)

MOROCCO

- 6095 0603 VOA Relay: EE; nx: Barbara Walters poss go-between between Reagan & arms dealer [who else'll get dragged into this mess. Pee Wee Herman?-ed.] 333 (3-17 Brown-IL).
- 15335 1810 RTV Marocaine: FF; speech by Hassan II. 333(3-5 Pinchon-FRANCE)

NIGER

- 3260 0533 RTV Niger: AA/FF; powerhouse sig on 5020 led me to this //, which was much weaker w/Qur'an to 0540, then FF yak. weak(4-7 Sheedy-WV)

NIGERIA

- 4770 0540 R. Nigeria-Kaduna: EE; M tkl on family life and "making marriage work" [A Nigerian Dr. Wooth?-ed.]. QRM de USSR. 322(3-16 Preston-CA). 333 (3-11 Shaffer-PA).(3-24 Pimblett-AB). 343(3-3 Wakefield-IA). @2234... 433(3-28 Bishop-NY). 343(3-13 Gerstner-NY). 333(3-26 Dillon-MD). 322 (3-16 Richmond-MD)
- 4931.8 0545 R Nigeria-Educational Sce.: EE: mix of short interviews, sports nx, R. Nigeria drums, TP's, TC. ID "This is the Educational Service of Radio Nigeria", into nx. fair(4-7 Sheedy-WV)

NIGERIA (cont.)

- 4990 2300 R. Nigeria-Lagos: EE; News at Midnight: man sentenced to life for 100gm of cocaine: ID/NA/signoff @2305\*. 333(3-13 Gerstner-NY). 322(3-16 Richmond-CA).  
 • 7255 0525 VO Nigeria: EE; ID, hilife mx, African nx @0530; into FF @0603. Ham [MD] QRM. 332(3-23 Carlisle-WA). 242(3-26 Wakefield-IA). 544(3-7 Kline-CA). 444(3-16 Brown-IL)

RWANDA

- 15275 2150\* Deutsche Welle Relay: GG; German mx pgm, s/off anmt. 333(3-17 Shanklin-MA)

SEYCHELLES

- 7275 0200 FEBA: Telugu; Pakistan correspondents; radio drama; ham QRM. 333(3-20 Wright-MB)

SOUTH AFRICA

- 3215 0349 R. Oranje: Afk/EE; mx by Cher, Afk tlc, orch mx; ID @0400, anmt ".at the start of this day we invite you to join in meditation". 343(3-22 D'Angelo-PA). 333(3-6 Shaffer-PA). 233(3-19 Preston-CA)  
 3230 0329 R. RSA: EE; African nx read by 2 M, ID @0400. 352(3-24 Carlisle-WA). 322(3-15 Snyder-NY)  
 3320 0425 SABC: Afk; tlc by M & W, mx interludes, ads. 333(3-19 Preston-CA)  
 3955 0353 SABC: Afk; gospel piano mx, M brief anmt, more instr mx. 322(3-29 Thompson-CA). 333(3-13 Zirkelbach-CA)  
 4880 0446 R. Five: EE; Radio Five Top 40, nx, ad for Dunhill cigarettes. 444(3-15 Brown-IL). (4-2 Pimblett-AB). 433(3-29 Wakefield-IA). 343(3-27 Sampson-WI). (3-25 Wright-MB). 333(3-8 Snyder-NY). (3-22 Neff-OH). 233(3-13 Preston-CA). 342(3-18 Wright-MB). 232(3-10 Gerstner-NY)  
 • 6010 0202 R. RSA: EE; nx, cmty: future of SAfrica, Talking Point. 544(3-21 Miller-CA). (3-5 Kline-CA). 444(3-1 Wright-MB)  
 6185 0230 R. RSA: EE; Talking Point; SAf Executive Cricket Club story. 444(3-25 Wright-MB). 544(3-13 Snyder-NY). 433(3-11 Zirkelbach-CA)  
 9585 0242 R. RSA: EE; Africa Today; lite mx, interview w/SAf poet. 444(3-27 Curtis-TN). @0625 in EE..433(3-26 Zirkelbach-CA)  
 9610 0030 R. RSA: FF; ID, , tlc abt SAmerica, Paraguay. 555(3-15 Robinson-TN)  
 • 9615 0200 R. RSA: EE; ID, freqs, info on World Food Program. 555(3-6 Woering-MA). 343(3-7 Wright-MB)  
 9695 0210 R. RSA: EE; Nx: Botha blasts ANC; Talking Point: changes in the USSR. 544(4-7 Brown-IL). 443(4-11 Munster-GA). [R. RSA is supposedly "testing" this freq, long-time home of RSI Swedish program. Sweden's vocal opposition to apartheid and its economic sanctions against SAf make this look more like politics than frequency planning. -ed.]  
 11730 0200 R. RSA: EE; s/on routine, nx, on this test freq which was used for a week or so. Splash de RHC/11725. 232(3-23 Westenhaver-QUE). 534(Miller-CA)  
 11900 2132 R. RSA: EE; Africa Today, ID, freq info. 443(3-12 Neff-OH). 433(3-22 Woering-MA)  
 15200 1605 R. RSA: EE; P.O. Box: listeners' letters, ID freq, mx. 322(3-14 Brown-IL)  
 15240 1700 R. RSA: Dutch; Dutch/EE ID, into DD program. 333(3-19 Richmond-MD)  
 17780 1456 R. RSA: EE; Africa Today. QRM de VOA. 322(3-20 Richmond-MD)  
 17790 1658 R. RSA: Dutch; nx abt countries of southern Africa, ID/TP @1700. 444(3-2 Pinchon-FRANCE)  
 21590 1423 R. RSA: EE; medical problems of African runners. 333(3-21 White-FL). 233(3-21 Gerstner-NY)

SOUTH WEST AFRICA

- 3295 0505 R. SWA: Afk; M tlc, EZL mx. 333(3-13 Preston-CA). 322(3-29 Thompson-CA). 222(3-15 Wakefield-IA)

SWAZILAND

- 4760 \*0358 TWR: GG/EE; musicbox IS, ID "This is TransWorld Radio, Swaziland", more IS and ID into GG ID and choral mx. 343(3-4 D'Angelo-PA). (3-24 Pimblett-AB). 454(3-9 Card-RI). 434(3-19 Snyder-NY). @0300 in Swahili..433(3-11 Zirkelbach-CA). 222(4-23 ed.)

TANZANIA

- 4785 0606 R. Tanzania: Swahili; steel band mx; mx short tlc then into chanting. 233(3-16 Preston-CA)





Special thanks to



24500 Union St.  
Dearborn, MI 48124, for  
granting permission to  
run this brief excerpt  
from their hilarious  
"April Fool's Edition"  
of the "Worldwide Radio  
Listening" bulletin.



Mr Plump  
Hamm, employee  
of Radio  
Botswana's  
Interval Signal  
Division.

## Strike at Radio Botswana!

by Bill Carney  
AP (Animal Press) Writer

The big news in shortwave broadcasting this month is the strike by the animals of Radio Botswana's interval signal division. The animals, who walked out March 19th, are causing the biggest strike ever seen in this south African nation's broadcasting industry.

The main complaint among the animals seems to be working conditions. "Working in this place is like working in a pig sty," explains Plump Hamm, leader of the Union of Snout Nosed Radio Announcers. "I wake up every morning, look in the mirror and say to myself, 'Maybe they'll have that place cleaned up today.' Then I hop in my Volvo, drive down here from my home in Serow, just in time to discover that the place is just as messy as before."

"And those damn cowbells! How would you like that at 5 in the morning!"

Other complaints include verification signatures and retirement benefits. Elsie Bovine, head of the cows, has this to say: "I think the benefits are our biggest beef. How would you react if you found out your retirement benefits are a one way trip to Whitecastle?"

The leader of the militant Chicken faction, Hen Scratch, commented on the verification signatures of the station. "I think that we ought to be able to sign the USL cards! After all, it is us that made the station what it is today."

We tried to reach the station's operators today, but they refused to see us. When we tried to interview the secretary, the chief engineer of the station burst into the room yelling various vulgarisms in the vernacular, and something about pork chops, roast beef, and chicken McNuggels. He then mentioned something which our translator listeners was (loosely) Tlay Radio Moscow relay Tristan de Curia and verify them with a radio-ote OSL. Naturally we left after that spine-chilling incident, hoping that it was only a Uredo!

We hope that the strike at Radio Botswana will end and that they return to the air soon!

# ARABIC FOR THE SWL

-----PART II, by Peter Dillon

### PALESTINE

ID: Hacha Sawt ul-Filisteen, Sawt uth-Thawrat il-Filisteeniyyah. (This is the Voice of Palestine, Voice of the Palestinian Revolution.)

### QATAR (Qatar)

Doha (ad-Dawhah)  
ID: Itha'at Qatar min ad-Dawhah. (A broadcast of Qatar from Doha.)

### SAUDI ARABIA (as-Sa'udiyyah)

Riyadh (ar-Riyadh)  
IDs: 1) Itha'at ul-Hamlakat il-'Arabiyyat is-Sa'udiyyah. (A broadcast of the Saudi Arabian Kingdom.) 2) Itha'at ul-Qur'an il-Karim. (A broadcast of the Holy Qur'an.)

### SUDAN (as-Sudan)

Khartoum (al-Khartoum)  
ID: Huna Umdurman, Itha'atu Jumhuriyyah as-Sudan ad-Dimuqratiyyah. (Here is Omdurman, a broadcast of the Democratic Sudanese Republic.) -or- Itha'at ul-Jumhuriyyat is Sudaniyyat id-Dimuqratiyyah. (A broadcast of the Democratic Sudanese Republic.)

### SYRIA (Suriya)

Damascus (Dimashq)  
ID: Itha'at ul-Jumhuriyyat il-'Arabiyyat is-Suriyyah min Dimashq. (A broadcast of the Syrian Arab Republic from Damascus.)

### TUNISIA (Tunisiyyah)

Tunis (Tunis)  
ID: Itha'at ul-Jumhuriyyat it-Tunisiyyah. (A broadcast of the Tunisian Republic.)

### UNITED ARAB EMIRATES (al-Imarat ul-'Arabiyyat il-Muttahidah)

Abu Dhabi (Abu Dhabi)  
ID: Sawt ul-Imarat il-'Arabiyyat il-Muttahidah min Abu Dhabi. (Voice of the United Arab Emirates from Abu Dhabi.)

### Dubai (Dubai)

ID: Itha'at ul-Imarat il-'Arabiyyat il-Muttahidah min Dubai. (A broadcast of the United Arab Emirates from Dubai.)

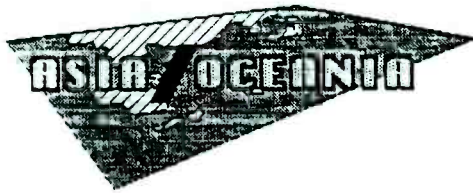
### YEMEN ARAB REPUBLIC (al-Yaman)

San'a (San'a)  
ID: Itha'at ul-Jumhuriyyat il-'Arabiyyat il-Yamaniyyah min San'a. (A broadcast of the Yemen Arab Republic from San'a.)

### YEMEN, PEOPLE'S DEMOCRATIC REPUBLIC OF (al-Yaman)

Aden ('Adan)  
ID: Itha'atu Jumhuriyyat il-Yaman id-Dimuqratiyyah ish-Sha'abiyyah min 'Adan. (A broadcast of the People's Democratic Republic of Yemen from Aden.)

[The first part of this article appeared on Page 30 of the April '87 SPEEDX bulletin.]



Bob Thunberg  
409 Burt Street  
DuBois, PA 15801

DEADLINE: 12th  
Dates/Times: UTC  
Frequencies: KHz

Springtime has finally arrived in the foothills of Central PA and the baseball season is underway-I'm hoping for at least a 5th place finish by the Pirates this year! If that's not enough good news for you, then I invite you to check out the many fine loggings received this month, especially those from Indonesia, Laos, Nepal, Kiribati, the Marshall Islands and many others too numerous to mention.

/BANGLADESH/ R. Bangladesh  
15525 \*1230 RB: EE: IS @ 1228-1230, s/on w/sk'd by YL, ID & nx by OM (fr-pr 4/13 Thunberg-PA) land reform cmt; 1300\* (253 4/2 George-MA)

/CHINA, PEOPLE'S REPUBLIC/ Central People's Bcast Stn R. Beijing  
3200p 1306 V. of the Strait-Fuzhou: CC: CC opera (343 4/4 Thompson-CA)  
4760p 1150 Yunnan PBS: CC: tlk, CC vcl & instl mx to 1205 f/out (342 3/2 D'Angelo-PA)  
4915 1500 Guanxi PBS: CC: ID by YL; nx by OM & YL (333 3/29 Sharpe-CA)  
5320 \*2001 CPBS-1: CC: anthem; YL w/nx; CW QRM (233 2/6 Havrilko-UK)  
5770p 1015 V. of the Strait: CC: apparent drama (232 3/16 Hill-MA)  
6955 1942 RB: EE: nx of kidnap victims in Lebanon; //7480 (333 2/6 Havrilko-UK)  
9535 1114 RB: EE: cmt; on M. Thatcher & on acupuncture (444 3/25 Levison-PA)  
1200 EE: subsidies for children (545 3/11 Robinson-TN) mx, CC lang lesson (343 3/9 Neff-OH) tlk abt Moslems in China (444 4/5 Snyder-NY)  
9570 1702 RB: EE: nx, econ. cmt; (344 3/21 Miller-CA) listener's letters; CC mx; QRM de VOA on 9575 (322 3/13 Zirkelbach-CA)  
11290 2340 CPBS-1: CC: class mx w/YL ancr; //11330 (333 3/21 Preston-CA)  
11330 1250 CPBS-1: CC: radio drama; // weaker 11610 (343 3/24 George-MA)  
11980 0001 RB: SS: ID into nx (433 3/1 Woering-MA)  
0310 EE: tlk on power production; Press review (343 3/15 Allen-CA)  
15100 0115 RB: SS: martial mx, nx, IDs; 0156\* (434 3/10 Miller-CA) CA)  
15445 0300 RB: EE: wld nx; tlk on effects of nuke reactor accident (444 Zirkelbach-CA)  
17680 0000 RB: SS: IS, "Aqui R. Peking" ID; to C&SAm (353 3/15 Allen-CA)

/CYPRUS/ Cyprus Bcast Corp British Bcast Corp  
6030 2220 CBC: GK: nice Greek mx; beamed to UK via BBC xmt (444 3/28 Gager-Austria)  
6180 \*0400 BBC: EE: NEWSDESK; better than co-channel 6175-Antigua which suffers from co-channel RFI (444 3/21 Westenhaber-PQ)

/INDIA/ All India Radio  
9910 2125 AIR Delhi: EE: Indian mx (343 3/19 Pinchon-France) India)  
11780nf 1130 AIR: TAMIL: one hr S.E. Asia Svc of nx, mx, drama (444 3/17 Shreedhar-India)

/INDONESIA/ Radio Republik Indonesia  
3215 1210 RRI Manado: IN: Jakarta nx, cmt; quick ID, "Love Ambon" on organ & 1218\* (333 3/29 Forsgren-WI)  
3266 1155 RRI Gorontalo: IN: wild AA flavored mx; OM w/clr ID @ 1159; "SCI", Jakarta nx; pop mx pgm w/ads @ 1230 (322 4/3 Forsgren-WI)  
3306p 1220 RRI Dili: IN: Jakarta nx & cmt, kerong mx & 1231\*(111 3/30 Forsgren)  
3325 1200 RRI Palangkaraya: IN: Jakarta nx & cmt till 1220; soft-spoken OM w/ID; pgm of Indo pops burying R.N. Solomons! (222 3/25 Forsgren-WI)  
3345 1220 RRI Ternate: IN: Indo pop mx; ad block @ 1223 incl "Indo milk" & cough medicine; ID @ 1230; strong sig peaks at S9+20db (433 3/29 Forsgren)  
4000 1152 RRI Kendari: IN: mellow pop mx; ID @ 1159, "SCI" then Jakarta nx till 1215; Ute QRM (222 3/24 Forsgren-WI) vy nice selection Ray...ed.  
4699 1157 RKIP Surabaya: IN: IS @ 1059 into presumed Jakarta nx @ 1200 by OM/YL; Indo pop mx (242 3/16 Carlisle) nice Fred, not many RKIP stns reported to A/O...ed.  
11790t 1610 V. of Indonesia: GG: tlk w/ment of Nicaragua (323 2/22 Block-LA)

IRAN Voice of the Islamic Republic of Iran  
 6220 2205 VOIRI: FARSI: OM & YL tlc; // weaker 9022 (333 3/20 George-MA)  
 15084 1640 VOIRI: FARSI: tlc w/ment of Beirut (434 2/22 Block-LA)

IRAQ R. Baghdad  
 6195nf 0204 RB: EE: AA vcl mx, ID: "Singer of Today" pgm (333 3/25 Westenhaver-QU)  
 QRM de co-channel RCI (222 3/25 Woerling-MA)  
 9515 \*1740 Sawt ul-Jamaheer: AA: OC to 1743, tone to 1758; chimes for 0900; YL reads  
 nx, ID into vcl mx (342 3/24 Westenhaver-QU)  
 9875nf 2107 RB: EE: nx of victories over Iran (444 3/12 Fraser-MA) speech to 3rd  
 Army Corps (322 3/25 Barber-IL) "World Press Program" (444 3/10 Gerst-  
 ner-NY) AA mx; Hussein's plan for ending war (322 3/22 Westenhaver-QU)  
 13770 1835 RB: AA: OM/YL tlc; "Huna Baghdad" ID @ 1841 (444 3/16 Westenhaver-QU)

ISRAEL Kol Israel  
 7345 2000 KI: EE: Purim pgm w/Spike Jones & Marx Brothers (454 3/15 Fraser-MA) new  
 freq or typo?..ed.  
 7410 2230 KI: EE: nx, intvw w/"war artist" (545 3/10 Robinson-TN)  
 7464 0000 KI: EE: cmtly on US/Israel security (444 3/15 Langlois-FL) (Block-LA)  
 0115 EE: vcl mx, sked & 0125\* (333 3/20 Zirkelbach-CA) "This Land" on EE lang  
 guidebook to hiking trails near Jerusalem (343 3/5 Westenhaver-QU)  
 2240 EE: wld nx, lcl mx (333 3/9 Addison-KS)  
 9012 2015 KI: EE: "Spotlight" w/tlks on spy scandal (322 3/21 Gerstner-NY)  
 9435 0120 KI: EE: intvw w/philosopher; //7465 (433 4/1 Coleman-MA)  
 0208 EE: nx of UN & Israel (433 3/20 Bishop-NY) "TGIF" pgm (434 3/6 Woerling-  
 MA) "Mailbag"; s/off & into SS pgm (433 3/30 Wakefield-IA)  
 2300 EE: nx, pop mx (555 3/17 Robinson-TN)  
 9930 2059 Reshet Bet: HH: anmt & ad, IDs, nx; this freq not in M87 sked (243 3/22  
 Westenhaver-QU) (353 3/22 Fraser-MA)  
 15485nf 1701 KI: RR/YIDDISH: lcl mx, nx by YL to 1709; ID, IS & into YIDDISH w/ID &  
 nx; freq not in KI M87 sked (232 3/19 Westenhaver-QU)  
 15640 1103 KI: EE: nx read by Rosalyn Gelcer: DST to begin in Israel on 11 April  
 (343 3/22 Westenhaver-QU) all KI pgms now one hour earlier...ed.

JAPAN Radio Japan Nihon Shortwave Beast  
 5990 1425 RJ: EE: bulletin of wld nx, 1430\* (??? 3/14 Jones-TX)  
 1700 EE: nx by Graham Webster; cmtly, pop mx (333 4/3 Sharpe-CA)  
 6055 1550 NSB: JJ: OM/YL tlc, mx; QRM de prob. R.Australia (544 3/15 Miller-CA)  
 9535nf 1500 RJ: HINDI: nx; ex-5965; dropped EE lang in SEA Svc (343 3/18 Shreedhar)  
 9675 0505 RJ: EE: nx; report on US tariff on Japanese semi-conductor chips; lcl  
 TC; QRM de KGEI on 9680 (434 3/28 Preston-CA) CA)  
 9695 1720 RJ: EE: value of yen, cost of TV rights for Olympics (333 3/31 Zirkelbach-  
 17755 2230 RJ: JJ: tlks & mx (554 3/17 Miller-CA)  
 17810 0320 RJ: EE: Top Hit mx w/EE translation (433 3/23 Zirkelbach-CA)  
 17825 0200 RJ: EE: nx, econ. tlc, travel pgm (455 3/24 Sharpe-CA) "Japan Scene",  
 "Asia Now" pgms (444 3/31 Zirkelbach-CA)  
 17845 0130 RJ: JJ: ID, IS, YL w/nx (333 3/24 Langlois-FL)  
 0315 EE: "Commentary" pgm on cruise ships (433 3/25 Zirkelbach-CA)

R. Japan reported on 11800 khz is via R. Canada Intl...ed.

KOREA, DEM. PEOPLE'S REP. R. Pyongyang  
 9345 1800 RP: SS: anthem, ID, tlc, vcl mx (433 3/24 Zirkelbach-CA)  
 9977 1130 RP: EE: tlc abt middle age scientists [or should that be Middle Age? ed.]  
 (322 4/5 Snyder-NY) KK opera & martial mx (222 4/3 Wakefield-IA)  
 1730 EE: KK mx; tlc on agriculture (322 3/31 Zirkelbach-CA)  
 11735 2315 RP: EE: martial mx, Great Leader blurb (333 3/17 Zirkelbach-CA)  
 13650 2320 RP: EE: tlc on "our beloved leader visiting happy & grateful farmers &  
 villagers"; mx (433 3/21 Preston-CA)  
 15140 0405 RP: EE: nx on murder of S. Korean students-usual propaganda (433 3/24  
 Miller-CA) Japanese military exercises; 0450\* (353 3/14 Wright-MB)

KOREA, REPUBLIC OF R. Korea  
 5975 1630 RK: EE: nx, KK mx, KK lang lesson (333 4/1 Zirkelbach-CA)  
 7275 0620 RK: EE: YL amts; pgm of lt piano mx (fair 3/28 Witte-CA)  
 15375 0040 RK: CC/RR: IDs as to Taiwan; RR @ 0045; 0200\* (444 3/24 Miller-CA)  
 15575 0038 RK: EE: "Seoul Calling", "Let's Learn Korean" (555 4/1 Mandersheid-  
 CA) tlc on propaganda text books used in N. Korea (444 3/12 Zirkelbach-  
 CA) nx, sked (232 3/20 Gerstner-NY) BI-monthly quiz pgm (333 3/19  
 Brown-IL) congrats on your recent marriage Ned!..ed. (Bishop-NY)

KUWAIT/

11675 \*1800 Radio Kuwait  
RK: EE: AA mx; hvy QRM (232 3/22 Wright-MB) US pop & rock mx (343 3/25 Wakefield-IA) (554 3/8 Fraser-MA)

15505 1200 RK: AA: recitations; orch mx, drama (555 3/16 Robinson-TN) AA mx w/ chanting (454 3/27 Bush-OH)

LAOS/

6980p 1325 Lao National Radio: LAOTIAN: odd vcl mx-combo of chants, wails, noises & shouts; brief tlc by OM; 2 OM tlc/sing-drama? Sounds similar to America Indian mx (333 4/4 Thompson-CA) nice logging Peggy!...ed.

MALAYSIA, EASTERN/

4950 1430 Radio Malaysia  
RM-Kuching: EE: "memory Lane" pgm of oldies mx incl Elvis (333 3/14 Zirkelbach-CA) "Concert Classics" w/Beethoven (444 3/5 Kline-CA)

MALAYSIA, PENINSULAR/

4845 1425 RM-Kuala Lumpur (Kajang): TAMIL: Indian movie mx; ID & nx @ 1430 (333 4/4 Sharpe-CA)

1314 MALAY?: vcls, OM tlc; trumpet fanfare, nx @ 1315 (333 4/4 Thompson-CA)

5965 1454 RM-Kuala Lumpur: MALAY: phone conversations w/listeners, Malay pop vcl mx (343 4/4 Sharpe-CA)

9750 1502 RM: BURMESE (per WRTH): EZL & US pop mx; TPs, ID, nx @ 1530; surprised to hear this one (544 3/7 Miller-CA)

NEPAL/

5005 1700 R. Nepal: NEPALI: Hindi film mx, ads (433 3/20 Shreedhar-India)

OMAN/

7270 1455 R. Oman: AA: AA mx; ID @ 1500 into nx (333 3/28 Gager-Austria)

11955 0200 BBC Relay: EE: ID, TPs, wld nx; review of British Press; "Radio News-reel" (fair 3/22 Shimada-JP)

PAKISTAN/

15605 1443 Radio Pakistan  
RP: URDU: OM/YL animated tlc; lcl vcl mx; YL anmt & "typewriter song" [?.ed.]; 3 TPs @ 1500, "Yeh R.Pakistan Hay" ID & nx (343 3/26 Westenhaver-QU)

17660 0945 RP: URDU: IDs, tlks, mx (444 3/29 Gager-Austria)

PHILIPPINES/

9540 1450 Radio Veritas Asia V. of America Far East Bcast Co  
RVA: VV: tlc, mx, ID @ 1455; covered by NHK (544 3/14 Miller-CA)

9575 1745 VOA: EE: "Music Time in Africa" (433 3/15 Zirkelbach-CA)

9710 \*1500 RVA: EE: IS, ID: "The Living World"; "The Women of Asia"; nx & 1530\* (gd 3/21 Shimada-JP) 1st time hrd (322 3/14 Zirkelbach-CA) (Miller-CA)

11740 2220 VOA: EE: terrorist training in USSR (433 3/31 Zirkelbach-CA)

11920 1612 VOA: EE: ID, nx reports (333 4/1 Manderscheid-CA)

15135nf 0155 RVA: EE: wld nx, ID, Swiss yodel; QRM (322 3/24 Miller-CA)

15360 0130 RVA: EE: "Friendship Unlimited"; //15135 (333 3/16 Shreedhar-India)

15410 1257 VOA: CC: tlc; Aaron Copeland mx; ID & nx @ 1300 (444 3/29 Westenhaver)

15425 1306 VOA: EE: nx, "Critic's Choice"; quite gd today (343 3/29 Westenhaver-QU)

15445 0040 FEBC: EE: tlc & mx beamed to S. Asia (222 3/18 Miller-CA)

0130 EE: listener's letters, mx, nx; QRM (322 3/25 Zirkelbach-CA)

QATAR/

17810 1400 Qatar Broadcast Service  
QBS: AA: AA mx, IDs (444 3/28 Gager-Austria)

SINGAPORE/

11940 1504 Singapore Bcast Corp British Bcast Corp  
SBC: EE: YL w/pop mx pgm; TPs & ID @ 1600 (452 3/30 Kline-CA)

17710 0020 BBC: EE: "Radio Newsreel"; "EE by Radio" w/explanation & history of Pidgin English; 0045\* (344 3/22 Preston-CA)

SRI LANKA/

9690 \*1159 Deutsche Welle Relay Sri Lanka Bcast Corp  
DW: CC: IS, EE ID "This is DW relay stn Trincomalee, Sri Lanka" & CC ID "Jeli shi Deguo zhi sheng" by YL (232 3/13 Westenhaver-QU)

9720 1520 SLBC: EE: all EE pop mx; hrd Sri Lanka mentioned (141 3/25 Carlisle-WA)

SYRIA/

9950 2110 Radio Damascus  
RD: EE: wld nx; AA & western pop mx (454 3/22 Fraser-MA)

12085 2000 RD: EE: former Pres. Carter visits Damascus (343 3/24 Barber-IL) nx, AA pop mx; lcl TC for 2320 (343 3/26 Westenhaver-QU) AA mx, IDs (433 Watson-FL)

1954 FF/EE: AA orch mx, YL w/nx; FF ID @ 2106 into EE & more nx (444 3/12 Miller-CA)



TURKEY/

6340 0815 Voice of Turkey  
 9560 2300 Turkish Police Radio: TURKISH: IDs, non-stop Turk mx (343 3/28 Gager)  
 2335 VOY: EE: Turk forces on alert for Greeks in Aegean (343 3/27 Barber-IL)  
 wld nx, Review of Turk Press (443 3/15 Bush-OH) (454 3/12 Fraser-MA)  
 AA: lcl & EZL mx; OM tlc (333 4/2 Goodman-IA)

USSR, ASIAN/Radio Moscow

5040p 2019 Tbilisi-Georgian SSR: unid lang: upbeat RR pop mx (343 Havrilko-UK)  
 7115 1152 RM: JJ: tlc, disco version of RR folksong "Ochi Chorny"; "Hocirawa M-osuko hoso desu" ID, IS & 1159\* (343 3/26 Westenhaver-QU)  
 7175 0518 RM: EE: "Outlook" pgm (555 3/4 Miller-CA) site poss. Khabarovsk..ed.  
 9845 1037 RM: CC: IDs, ments of "Meiguo" (America) (242 3/22 Westenhaver-QU)  
 1703 RR: R.Stantsiya Atlantika w/RR pop mx, nx (444 3/20 Sharpe-CA)  
 11785nf 1219 R. Tashkent: EE: Uzbek cultural development; 1228\* (322 Westenhaver)  
 12010 1910 RM-Novosibirsk: EE: US & USSR rock mx (544 3/29 Miller-CA)  
 12055nf 2333 RM: CC: choral mx, ID @ 2336; not in Orbita D86B list (3/25 Westenhaver)  
 17590 0100 RM: EE: nx by Natalia Stepanova; //17825, 17880 (232 3/20 Westenhaver)  
 17635 1228 RM: HINDI?: IS, ID, nx; presumed C.Asian site (343 3/29 Dillon-MD)  
 17645 \*1400 RM: HINDI?: "Yeh R. Moscow Hay" ID & ments of "Hindi"; nx w/lead story on Pakistan; RMWS here till 1359\* (333 4/1 Westenhaver-QU) CA)  
 17860 0025 R. Stantsiya Rodina-Vladivostok(?): RR: ID, nx by YL (333 3/21 Sharpe-CA)  
 17880 0035 RM: EE: "Focus on Asia & the Pacific"; stronger than KVOH!; // noisier 17825 (444 3/30 Westenhaver-QU)

UNITED ARAB EMIRATES/Radio Dubai

9630 1715 V. of UAE-Abu Dhabi: AA: AA mx, IDs, tlks (444 3/28 Gager-Austria)  
 9640 0330 RD: EE: nx, ID, wx (232 4/3 Hill-MA) (533 Havrilko-UK)  
 11940 1340 RD: EE: Mailbag pgm-how to obtain QSL cards (333 3/14 Gerstner-NY)  
 15320 1602 RD: EE: Mailbag w/question on Dubai history (433 3/21 Gerstner-NY)  
 17820 0835 V. of UAE: AA AA mx, IDs (444 3/29 Gager-Austria)

VIETNAM/Voice of Vietnam

9840 1800 VOV: EE: nx, "Review of Major Developments", songs abt Viet, young people (323 3/21 Sharpe-CA) (333 3/21 Zirkelbach-CA)  
 1336 EE: nx, arms control cmty (fair 3/24 Thunberg-PA)  
 15010 \*1300 VOV: FF: "Ici La Voix du Vietnam", nx (243 4/2 George-MA)

OCEANIA /AUSTRALIA/Radio Australia

5995 0814 RA: EE: pop mx, Pacific nx (333 3/26 Wakefield-IA)  
 6060 1250 RA: EE: TALKBACK DX pgm (444 3/22 Neff-OH) "Innovations" (3/16 Wright-MB)  
 6150 0905 VLR6-Lyndhurst: EE: pop mx pgm (242 3/13 Kline-CA) call-in pgm on computers; ID as "John Cook Show on 774" (343 3/16 Barber-IL)  
 7205 1200 RA: EE: IS, ID, nx (423 3/6 Snyder-NY)  
 7215 1100 RA: EE: nx, Australian sports, mx (555 3/17 Robinson-TN)  
 9580 1105 RA: EE: preparation for 88 Olympics (555 3/10 Alexander-NC) street children in Philippines (Brown-IL) (Robinson-TN)(Dillon-MD)(Fraser)(Kline)  
 9610 0940 VLW9-Perth: EE: pop mx, horse race, ABC nx @ 1000 (232 3/14 Shaffer-PA) "6WF Country Calling" (3/17 Robinson-TN) 1t mx, nx (4/1 Manderscheid)  
 9655 0800 RA: EE: Austl' & S.Pacific nx (343 3/13 Pinchon-France) TALKBACK @ 0910: review of Kenwood R-5000 (353 3/22 Westenhaver-QU)  
 9680 1007 VLH9-Lyndhurst: EE: live bcst from folk festival at the Victorian Country Grounds (353 3/6 Kline-CA)  
 9710 1130 RA: EE: nx, mx; ionospheric predictions (444 3/19 Robinson-TN)  
 11720 0830 RA: EE: nx & sports (444 Floyd-TX)  
 15140 \*2359 RA: FF: IS, s/on anmts; QRM de Pyongyang/Chile & WYFR splash from 15130 (211 3/9 Westenhaver-QU)  
 15320 0434 RA: EE: invetro fertilization (353 3/22 Sampson-WI) (244 Preston-CA)  
 15395 2340 RA: EE: QRM de VOA-Sri Lanka (433 3/16 Miller-CA)  
 15425 0535 VLW15-Perth: EE: piano mx, lcl TC (233 3/26 Preston-CA) horse racing (242 3/21 Wright-MB)  
 15580? 1228 RA: EE: nx of chicken virus (444 3/10 Neff-OH) spur?...ed.  
 17795 0330 RA: EE: "Open Question" w/intw of prison inmates (454 3/15 Allen-CA) "Int'l Report" (353 4/1 Manderscheid-CA) (222 4/4 White-FL) White & Black relations in S.E. Asia (333 3/24 Langlois-FL) (253 Block-LA)

COOK ISLANDS/

11759 0406 R. Cook Islands: EE/MAORI: drums, YL w/ID & anmts in Maori; island version of "Sentimental Journey" (232 4/4 Forsgren-WI)  
 11760 0157 RCI: EE: R. Australia nx; ID @ 0227 "You are listening to R. Cook Islands" (322 3/18 Kolb-NM)

/GUAM/

9870 1344 KTWR: CC: relig tlc, choral singing (333 3/8 Levison-PA)  
 11980 1600 Adventist World Radio: EE: relig tlc, "AWR Asia Journey"; Hong Kong address given for reports (544 3/21 Shreedhar-India)

Wm. Westenhaber sent an AWR Asia sked received direct from the stn. They say that regular bcasts began on 6 March 87 and that thru April they would be using the following frequencies: 11700, 11980, 11965, & 15125. EE lang sked is 1600 on 11980 to India. Their M-F sked is limited at present but they are on the air 20 hrs/day on Sat & Sun.

/KIRIBATI/

1480USB 2358 R. Kiribati: VERN: island mx; YL w/ID; gone by 0022 (343 3/24 Kolb-NM)  
 0045 KIRIBATI/EE: OM tlc, S. Pac. island mx; organ mx-NA? @ 0135, then off; weak & fading (151 3/18 Carlisle-WA)

/MARIANA ISLANDS/

9665 1605 KYOI-Saipan: EE: rock mx; co-channel QRM after 1648 (343 3/2 Kline-CA)  
 15305 0050 KFBS-Saipan: JJ: tlc, ID @ 0100; into unid lang @ 0115 (233 Miller-CA)

/MARSHALL ISLANDS/

4940 0845 WSZO-Majuro: MARSHALLESE: choir w/gospel mx to 0925; EE WSZO ID, PSA's; great reception most nights (443 3/15 Thompson-CA) @ 0930 in EE/MARSHALLESE w/island mx, EE s/off @ 1000 (232 3/16 Hill-MA) choral mx to EE ID "R. Majuro, WSZO", sked, brief choral singing & 1001\* (252 3/25 D'Angelo-PA) string mx; EE ID on hr & 1/2 hr (3/25 Bair-CA) tnx for call Mason-sorry I wasn't home but I work a lot of late night shifts...ed.

According to Glenn Hauser's SHORTWAVES column in the 12 April Greensburg, PA TRIBUNE REVIEW, Washington govt agencies such as the FCC & the Dept of Interior are asking each other: Did you license WSZO to bcst on SW from the Marshall Islands? So far they have not figured out who authorized it, so it's possible WSZO will vanish as abruptly as it appeared. Catch it while it's still there between 0730 & 1000 GMT!

/NEW ZEALAND/

96(N) 1040 Radio New Zealand  
 15150 0325 RNZ: EE: story abt Napoleon; EZL mx, nx (222 3/19 Alexander-NC)  
 RNZ: EE: IS to 0330, ID, TCS; "My Prayer" mx pgm (444 3/23 Zirkelbach-CA) W. Indies beats NZ at cricket (344 3/28 Preston-CA) class & US country mx; nx @ 0400; // 11780 (232 3/26 Hill-MA)  
 1845 EE: nx, mx; lt QRN & QSB (3+ 4/2 Witte-CA)  
 17705 0102 RNZ: EE: HZ nx, wx & TCS; hrd weaker // 15150 (fr 4/3 Thunberg-PA)

/PAPUA NEW GUINEA/

3245 1145 R. Gulf: PD: older pop and C&W mx; OM w/ID @ 1155; good PNG AM (333 3/30 Forsgren-WI)  
 3338t 1255 R. East Sepik: EE?: native mx, YL anc; CW & CHU QRM (2324/4 Thompson-CA)  
 4890 0736 NBC Port Moresby: EE: gospel mx; "Songs of the Islands" pgm; ID, lcl TCs, & PSAs for genl elections in EE/PD (433 3/28 Thompson-CA) PA  
 0945 PD/EE: tlc on education; EE @ 1010 (343 3/30 Wakefield-IA) (232 Shaffer-)  
 1100 EE: "NBC News"; lcl TC into rock mx (353 3/14 D'Angelo-PA)(222 Snyder-NY)

/SOCIETY ISLANDS/

11825 0420 Radio Tahiti  
 RT: TAHITIAN: great island vcls; S9 signal! (4+44 4/4 Forsgren-WI) FF @ 0304 w/island mx, ads (322 3/29 Wakefield-IA)  
 15170 0225 RT: FF: Beatles, Simon & Garfunkel mx, IDs (544 2/13 Miller-CA)

/SOLOMON ISLANDS/

5020 1045 Solomon Islands Bcast Corp  
 SIBC: EE/VERN: US C&W mx (222 3/30 George-MA)  
 9545 0631 SIBC: EE: "Back to the Bible" pgm w/island relig mx; ID, PSAs (some in PD lang) (233 3/16 Preston-CA) island mx, lcl TCs, nx, wx, ads (443 3/15 Thompson-CA) PSAs, relig mx, nx & ads (333 3/22 Sharpe-CA)

LATE BREAKING A/O DX NEWS: HONG KONG: The BBC has hurriedly constructed a relay stn in Hong Kong. Two 300 kW xmtrs may start testing in early May on this sked: 2030-2345 on 5965 kHz; 2315-1800 on 11775 kHz; 0315-1845 on 15280 kHz. This news was first reported on R. Netherland's SS DX pgm, RADIO ENLACE. [G. Hauser's SHORTWAVES column in Greensburg, PA TRIBUNE REVIEW, 4/19] MARIANA ISLANDS: KYOI-Saipan continues to bcst w/this sked: 1900-2200 on 9670; 22-0200 on 15405; 02-0600 on 17775; 06-0800 on 17780 & 08-1700 on 11900. Apparently the Christian Science Monitor is going to phase in their own programming gradually, so as not to alienate all the rock mx fans right away. [George Jacobs on SWLD, sent in by Wm. Westenhaber] One final note: remember to send all loggings to me by the 12th or to our new CDE, David Jones by the 5th. 73s for now,

*Bob*

# JAPAN REPORT

RALPH FAMULARO  
Chateau Benten #601  
2-4-2 Namiyoke  
Minato-ku, Osaka 552  
JAPAN

I'll start this month's column with three first-time heard loggings at this QTH.

## KIRIBATI

14802USB 0604 R. Kiribati: EE BBC WS nx, W local nx of MP selection to Kiribati Parliament, ID/TC, ancmt of high-school dance, mx intro into "...weekday magazine program about Pacific Islands" w/interviews, ID, VOA-produced "The Living Earth." Kiribati M nx at 0700. Lots of QSBing (poor-fair, 3/18)

## MARSHALL ISLANDS

4940 0825 WSZO: vernacular; Pacific-island mx, M&W tlk, usually EE nxcast at 0900 (fr-gd, various) in Pidgin English (?) from 0800-1000 (poor, Yamada)

## PHILIPPINES

15600USB 0120 FEN, Philippines: Probable Xmitting error; EE DePaul-LSU basketball, military PSA, "FEN, Philippines", "Countdown" mx pgm, ancmt for military personnel to contact medical center, 0300 Iowa-Oklahoma basketball (Beijing QRM at this point). Retuned at @0620 & during American Top-40s pgm Xmsn suddenly switched to a UTE broadcast of some type. (good-fair, 3/21 only). I think this logging is indicative of the excitement of DXing -- you never know what might appear next.

.....

Some skeds forwarded by Koji Yamada: KNLS, Alaska; currently heard well in EE from 0800-1100 on 5960 khz, the program is directed to the Asian Pacific Coast. However, the May 3rd - September 5th sked reads as follows: /0800-0900 on 11860, EE to APC/0900-1000 on 11850 EE to APC/1000-1100 on 11930 to APC/1100-1230 on 9455 CC to China/1230-1400 on 7355, CC to China/1400-1630 on 9750, RR to Eastern USSR/1630-1930 on 12025, EE/RR to APC/.....AWR, Asia (Guam); from a very lengthy sked, EE & JJ excerpts: /Daily \*1600 on 11980, EE to India/Sat & Sun only, \*2100 on 11965, JJ to Japan/.....R. Japan, Gabon relay; via 500 kw Xmitter to South America: /0300-0400 on 9605 in JJ/0800-0900 on 11905 in JJ/0900-0930 on 17755 in PP/0930-1000 on 17755 in SS/1000-1100 on 17755 in JJ/

.....

## CLANDESTINE

7185 \*1420 Song of Liberation(?): CC; same freq & pgm details of this anti-Chinese clandestine reported back in Sept '84 A/O column. S/on & S/off w/ Interinternationale, M "Shen du yi!" (attention please), W tlk mentions Chinese leaders, 1428\* then \*1430 repeat xmsn -- jammed on 3/29. (good - fair, 3/28 & 3/29)

15555 \*0330 VOFreedom of Iran: formerly-named VOLiberation of Iran w/IDs in Farsi/EE/FF, Farsi M tlk, martial mx, choral theme mx at 0523\* (pr-fr, 3/25 & 4/12)

## LAOS

7384 1348 Savannakhet: Lao W singing, primitive drums, W brief tlk and 1400\* UTE & Moscow QRM (poor, 3/30)

## PAKISTAN

21745 0750 R. Pakistan: U/lang w/ gamelan mx, W "Radio Pakistan" ID, SEA mx, M tlk, anthem 0815\* (fair, 3/27) This is possibly a Burmese lang Xmsn.....see ya next month.



# SPEEDX QSL REPORT

Ray Forsgren - 4856 Inlet Drive - Chippewa Falls, WI. - 54729 - USA

## AFRICA

- /CAMEROON/ R. Bertoua: 4750 f/d handwritten ltr. in 78 ds. for ms. V/S Ndane Seidan. (Russell-AL).
- /CHAD/ R. Mondou: 5288 f/d form ltr. in 5 mo. after 4th f-up for a FF rpt. & ms. V/S Maimos Jacques. (Kusalik-AB).
- /EGYPT/ R. Cairo: 9475 f/d Buildings cd. w/ goodies in 51 ds. (Gerstner-NY).
- /ETHIOPIA/ VoRE: 9560 f/d Yellow cd. w/ sticker, calendar & sked. in 72 ds. for ms. (Russell-AL).
- /GABON/ Africa #1: 4830 p/d Logo cd. in 408 ds. for a FF rpt. & an irc. (Hardester-PA). R. Japan Relay: 9645 n/d Kimono cd. w/ stickers & sked. in 21 ds. for ms. (Ross-ON).
- /GHANA/ GBC: 4915 f/d Golden Jubilee cd. w/ sked. in 37 ds. for ms. (Russell-AL).
- /LIBERIA/ VoA Relay: 3990 f/d cd. in 74 ds. (Brown-IL). ELWA: 4760 f/d Buildings & Antennas cd. w/ sked. & station info in 32 ds. for \$1. (Kusalik-AB). n/d cd. in 45 ds. for \$1. V/S J. Tokeh. (Wakefield-IA).
- /MADAGASCAR/ R. Nederland Relay: 9540 f/d Amsterdam cd. w/ sked. & pennant in 30 ds. (Russell-AL). 15570 f/d Puppeteer cd. w/ postcard, decal & pennant in 39 ds. (Kolb-NM).
- /MALI/ RDTV Malienne: 4783 p/d Map cd. in 35 ds. for a FF rpt. & tape w/ ms. (Russell-AL). 4835 p/d cd. in 40 ds. for a FF rpt. and an irc. (Sato-JAPAN).
- /MOROCCO/ R. Medi Un: 9575 p/d ltr. in 50 ds. for a FF rpt. & an irc. (Gager-AUSTRIA).
- /NIGER/ ORTN: 5020 f/d personal ltr. w/ sked. & stamps in 86 ds. for a FF rpt. & \$2. V/S Yacouba Alwali. (Evans-TN)...the letter says that they are currently out of QSL cards...
- /NIGERIA/ FRCN Kaduna: 4770 f/d ltr. in 12 mo. after f-up for 2 ircs. V/S Yusuf Garba. (Weber-OH). FRCN Enugu: 6025 f/d ltr. in 43 ds. for ms. V/S Louis Nnamuchi. (Wilkins-CO).
- /SOUTH AFRICA/ Radio RSA: 6185 f/d Elandsburg cd. in 28 ds. (Wright-NM). 21590 f/d Ricksha pullers cd. in 27 ds. (Gerstner-NY). Capitol Radio: 3930 p/d form ltr. w/ sked. in 30 ds. for ms. V/S Robt. E. Edwards. (Ross-ON). Radio Orion: 3320 f/d Building-Antenna cd. w/ sked. in 21 ds. (Ross-ON). 3955 f/d cd. w/ stickers in 1 mo. (Kusalik-AB). Radio 5: 4880 f/d cd. w/ sked. in 21 ds. (Ross-ON). f/d Logo cd. in 39 ds. V/S Minnie Visser. (D'Angelo-PA).
- /SWAZILAND/ TWR: 4760 f/d Map folder cd. w/ sked. in 30 ds. for \$1. (Coday-CA).
- /TOGO/ R. Togo: 5047 f/d Map-Globe cd. in 31 ds. for a FF rpt. & 2 ircs. (Wakefield-IA). f/d cd. in 56 ds. for a FF rpt. & ms. (Card-RI).



ASIA

/CHINA/ R. Beijing: 6933 f/d Mao Hall cd. w/ pennant in 30 ds. for ms. (Ross-ON). 9535 f/d cd. w/ pennant & books in 28 ds. (Leite-MA).

/CYPRUS/ CBC: 7180 f/d Bust cd. in 31 ds. for 2 ircs. (Wilkins-CO). f/d Island Attractions cd. in 42 ds. for \$1. (Kusalik-AB).

/INDONESIA/ RRI Bandung: 3204 p/d letter in 28 ds. for an IN. rpt. & \$1. V/S Drs. R. Baskara. (Coday-CA). RRI Semarang: 3935 p/d personal ltr. w/ sked. in 16 ds. for an IN. rpt. & \$1. V/S Mh. Mawahib Affandi. (Coday-CA). RRI Pak-fak: 4789 f/d personal ltr in 49 ds. for an IN. rpt. & \$1. V/S Umar Musada BA. (Forsgren-WI). RRI Surakarta: 4931 p/d Logo cd. in 19 ds. for an IN. rpt. & \$1. V/S Mr. Ton Martano. (Coday-CA).

/IRAN/ VoIRI: 15084 f/d cd. w/ goodies in 136 ds. (Washburn-ME).

/ISRAEL/ KOL Israel: 7465 f/d Logo cd. w/ rpt. forms in 35 ds. (NY-Bishop). f/d cd. w/ sked. in 68 ds. for ms. (Kline-CA).

/JAPAN/ R. Japan: 5990 n/d Doll cd. w/ sked. in 20 ds. (Wright-MB). 9725 & 15195 n/d Kanazawa cd. w/ goodies in 11 ds. (Kline-CA). 11870 f/d Doll cd. w/ sked. & rpt. forms in 20 ds. (Bishop-NY)...Forrest requested full data verification; and he got one!! Thanks for the tip...R. Japan-R. Australia (Joint x'mission): 11875 f/d special "Hello" cd. w/ goodies in 1 mo. V/S Masaaki Itakura. (Kusalik-AB).

/KUWAIT/ R. Kuwait: 11675 n/d folder cd. in 30 ds. (Lupi-FL). n/d Map folder w/ stickers in 38 ds. (Wakefield-IA). f/d folder w/ stickers in 44 ds. (Washburn-ME).

/MONGOLIA/ R. Ulan Bator: 7260 f/d Flag-Logo cd. w/ ltr. & sked. in 118 ds. (Wakefield-IA).

/PHILIPPINES/ R. Veritas Asia: 9710 f/d ltr. w/ sked. in 2 wks. V/S Evelyn S.A. Agato. (Miller-CA).

/SOUTH KOREA/ R. Korea: 15575 f/d Asian Games cd. w/ sked. in 39 ds. (Brown-IL).

/SRI LANKA/ SLBC: 9720 f/d Studio cd. in 59 ds. for 2 ircs. (Gerstner-NY). f/d cd. in 72 ds. for \$1. (Coday-CA). f/d cd. in 113 ds. for ms. (George-MA).

/TAIWAN/ CBS: 6087 f/d Certificate in 25 ds. w/ sked., letter & tourist info. for a CC rpt. & \$1. V/S Lee Ming. (Coday-CA). Voice of Asia: 7445 f/d Buddha cd. w/ pennant, stickers, pen & sked. in 59 ds. after 2nd f-up for 2 ircs. V/S Yvonne. (Mahoney-FL).

/TURKEY/ VoT: 9560 f/d Ephesus cd. w/ sked., sticker, calendar and info in 60 ds. (Robinson-TN). f/d Topkapi Palace cd. w/ sticker & sked. in 77 ds. (Brown-IL). f/d cd. w/ sticker & sked. in 81 ds. (MA-Leite).

/UNITED ARAB EMIRATES/ R. Dubai: 9640 f/d Map cd. in 28 ds. (Gerstner-NY). f/d cd. w/ pennant & sked. in 18 ds. V/S K.F. Fenner. Frequency was 1775. (Shimada-JAPAN). Voice of the UAE: 4905 f/d cd. w/ sked. & letter in 1 mo. for a taped rpt. (Kusalik-AB).

EUROPE

/AUSTRIA/ RAI: 6155 f/d Tyrol cd. w/ rpt. forms in 45 ds. (Bishop-NY). f/d Carinthia cd. w/ sked. & sticker in 59 ds. (Lupi-FL).

/BELGIUM/ BRI: 5910 f/d form ltr. in 30 ds. for ms. (Card-RI). 9925 f/d Car cd. in 23 ds. (Miller-CA). 11695 f/d Groeten uit Belgie cd. in 28 ds. (Sato-JAPAN). 15590 f/d Painting cd. in 24 ds. (Gerstner-NY). f/d Signs cd. in 24 ds. (Gerstner-NY).

/BULGARIA/ R. Sofia: 7115 f/d Nessebur cd. in 108 ds. (Washburn-ME). 9700 & 11720 f/d Viewcards w/ sked. in 83 ds. (D'Angelo-PA).

/CZECHOSLOVAKIA/ R. Prague: 5930 f/d Wallachian Museum cd. w/ goodies in 43 ds. for 2 ircs. V/S Wanda Krygielova. (Kline-CA). f/d Prague cd. w/ goodies in 60 ds. (Lupi-CA).

/DENMARK/ 15165 f/d Trees cd. in 14 ds. (Washburn-ME)...That's R. Denmark!

/FINLAND/ R. Finland: n/d program guide in 32 ds. (Russell-AL)...A few years ago, Radio Finland stopped sending out QSL cards; in their place, they're issuing programme guides. Last month Paul Gager got a f/d card for a German report; maybe that's the way to get them to verify!! rjf

/FRANCE/ RFI: 9860 f/d Arc de Triomphe cd. w/ pennant & sked. in 22 ds. for a FF rpt. & 2 ircs. (Kline-CA). 15315 f/d cd. w/ pennant & sked. in 39 ds. (Lupi-FL). 17620 f/d cd. in 63 ds. (Washburn-ME).

/GREAT BRITAIN/ BBC: 6175 n/d Bush House cd. in 70 ds. for 2 ircs. (Kline-CA).

/GERMAN DEMO. REP./ RFI: 6125 f/d Leipzig cd. w/ sked. & rpt. form in 56 ds. (Wakefield-IA). f/d Antenna cd. in 193 ds. (Washburn-ME). 11920, 15240 & 21540 5 f/d Scenes cds. in 51 ds. (Gerstner-NY). Stimme der DDR: 6115 f/d cd. in 20 ds. for a GG rpt. (Gager-AUSTRIA).

/GERMAN FED. REP./ Sudwestfunk: 7265 f/d cd. in 16 ds. for a GG rpt. and ms. V/S Dr. Krank. (Gager-AUSTRIA).

/GREECE/ VoA: 9670 f/d cd. in 20 ds. (Hardester-PA). VoG: 15630 f/d Music cd. in 49 ds. w/ sked. (Russell-AL).

/ICELAND/ ISBS: 11745 f/d Thingvellir cd. w/ info in 18 ds. (D'Angelo-PA)...Richard notes that the address differs slightly from the WRTH address; 121 Reykjavik, not 101 as shown in the WRTH...Thanks! 11855 f/d cd. in 39 ds. (Lupi-FL).

/ITALY/ RAI: 9575 f/d "Cattedrale" cd. in 272 ds. (Wakefield-IA). AWR-Forl: 9605 f/d Transmitter-Antenna cd. w/ goodies in 36 ds. for a taped rpt. & \$1. V/S Mrs. Sandy Hodgson. (Kusalik-AB).

/LUXEMBOURG/ R. Luxembourg: 15350 f/d Tower cd. w/ stickers in 60 ds. for a FF rpt. (Ross-ON).

/MALTA/ IBRA Radio: 6110 f/d CN Tower cd. in 36 ds. for ms. (George-MA).

/NETHERLANDS/ R. Nederland: 6020 f/d Building cd. w/ sked. in 30 ds. (Lupi-FL). f/d Amsterdam cd. in 106 ds. (Leite-MA).

/NORWAY/ RNI: 9610 p/d Costume cd. in 26 ds. (Washburn-ME). 15310 f/d Bridal Procession cd. w/ sked. & decal in 25 ds. (Brown-IL).

/PORTUGAL/ R. Portugal: 9680 f/d Plain cd. w/ sked. & calendar in 24 ds. (Lupi-FL). f/d cd. in 30 ds. for an irc. (Curtis-TN).

/SPAIN/ REE: 9630 f/d cd. w/ rpt. forms in 42 ds. (Bishop-NY). f/d Casa de Platos cd. in 52 ds. (Gerstner-NY).

/SWITZERLAND/ 3985 f/d Announcers cd. in 23 ds. (Kusalik-AB). 9725 f/d Neuchatel cd. w/ sked. in 25 ds. for 2 ircs. (Kline-CA). 15430 n/d Studio cd. w/ sked. in 16 ds. (Lupi-FL).

/VATICAN CITY/ R. Vaticana: 9605 f/d Popes cd. in 71 ds. (Washburn-ME).

U.S.S.R.

R. Kiev: 7175 f/d Embroidery cd. in 108 ds. (Washburn-ME).  
R. Moscow: 5915 f/d Friendship cd. in 75 ds. (Vercellino-IL). 6070  
f/d Dzerzhinsky Square cd. w/ stamps & report forms in 49 ds. (Kline-CA).

NORTH AMERICA

ALASKA KMLS: 9670 f/d Antenna cd. w/ sked. in 18 ds. (Wright-MB).  
9710 f/d cd. w/ stuff in 12 ds. for ms. (George-MA).

ANTIGUA DW Relay: 5960 n/d Globe & Headphones cd. w/ newsletter in  
92 ds. (Wright-MB). BBC Relay: 6195 n/d cd. w/ sked. in 25 ds. (IL-  
Vercellino).

BELIZE Belize Radio 1: 3285 f/d Map cd. in 12 ds. for 2 ircs. V/S  
A. Cheong. (Brown-IL).

CANADA CFRX: 6070 p/d Plane cd. in 13 ds. (Washburn-ME). p/d cd. in  
35 ds. for ms. (Card-RI). CKZN: 6160 f/d Map-Folder cd. in 7 ds. for  
ms. V/S R. Knowles. (Ross-ON). p/d Map cd. in 27 ds. (Washburn-ME).  
R. Japan Relay: 6120 p/d Kanazawa cd. w/ sked. in 30 ds. (Vercellino-  
IL).

COSTA RICA R. Reloj: 4832 f/d Map-Logo cd. in 24 ds. for an EE/SS  
rpt. & 2 ircs. V/S Francisco Barabona. (Wright-MB).

CUBA R. Habana: 9740 f/d Hotel Jagua cd. in 121 ds. (Washburn-ME).  
R. Rebelde: 5025 p/d cd. w/ pennant & decals in 103 ds. for a SS rpt.  
(Wakefield-IA).

DOMINICAN REP. R. Discovery: 6245 f/d cd. w/ sked. in 10 ds. for  
ms. V/S Jeff White. First report from Alberta!! (Kusalik-AB). f/d  
cd. w/ sked & info in 15 ds. for ms. (Coday-CA). 15045 f/d cd. w/  
sked. & info in 8 ds. for ms. (Coday-CA). f/d cd. in 77 ds. for ms.  
(Curtis-TN).

GUATEMALA La Voz de Nahuala: 3360 f/d Yellow cd. w/ personal ltr.  
in 58 ds. for a SS rpt. & \$1. (Coday-CA). f/d cd. w/ ltr. & pennant  
in 485 ds. for a SS rpt. & 3 ircs. V/S Juan Fidel Lepe Juarez. (TN-  
Robinson).

HONDURAS HRRI: 4755 f/d ltr. w/ Map & sked. in 66 ds. for 2 ircs.  
(Mahoney-FL). f/d ltr. in 90 ds. for a SS rpt. & ms. V/S Edward  
Pfister. (Dillon-MD).

MEXICO XEUDS: 6115 n/d Logo cd. w/ ltr, postcards & poster in 52  
ds. for a SS rpt. & ms. V/S Eutimio Armenta Corella. (Mahoney-FL).

NETHERLANDS ANTILLES TWR: 11815 f/d Sunset cd. w/ sticker, sked,  
& rpt. forms in 13 ds. V/S Chuck Roswell. (Gerstner-NY).

UNITED STATES KGEI: 6095 f/d Scenes cd. w/ ltr. in 8 ds. for ms.  
V/S S. Shozned. (Kline-CA). KVOH: 17775 f/d cd. w/ ltr. in 7 ds. for  
ms. (McCants-AL). f/d cd. in 21 ds. (Alexander-NC). f/d cd. w/ ltr. &  
sked. in 48 ds. for ms. (Mahoney-FL). f/d cd. w/ info. in 3 mo. for  
\$1. V/S David Lawrence. (Kusalik-AB). f/d cd. w/ sked. & sticker in  
78 ds. (D'Angelo-PA). f/d cd. & book in 77 ds. for \$2. (Curtis-TN).  
WHRI: 7400 f/d cd. in 78 ds. V/S S. Kirtley. (Lupi-FL). WRNO: 15420  
p/d Globe-Flag cd. in 12 ds. (Washburn-ME). WYFR: 7355 f/d Logo cd.  
w/ sked. & calendar in 52 ds. for ms. (Russell-AL). 11830 f/d Logo  
cd. in 17 ds. (Washburn-ME).

We'll have to start Australia on the next page; just not enough room  
here!!!

OCEANIA

AUSTRALIA R. Australia: 9580 f/d cd. w/ sticker, calendar & rpt. Forms in 29 ds. (Leite-MA). 11720 f/d Sheep Station cd. w/ sked, calendar & postcards in 17 ds. (Floyd-TX). R. Australia-R. Japan: 9655, 9580 & 9710 f/d Special QSL \$ 145 w/ goodies in 1 mo. V/S Barry Seebur. (Kusalik-AB). VL8A: 2310 f/d personal ltr. in 41 ds. for \$1. V/S Karen Kane. (Coday-CA). VL8K: 2485 f/d ltr. in 41 ds. for an irc. V/S Karen Kane. (Sato-JAPAN). VL14: 4920 f/d Symphony cd. in 17 ds. (Washburn-ME). VLR6: 6150 f/d ltr. in 46 ds. for an irc. V/S Havis Gerdtz. (Gerstner-NY).

KIRIBATI R. Kiribati: 14802 f/d Islanders cd. in 37 ds. for a taped rpt. . V/S B. Berker, EiC. (Kusalik-AB)...haven't seen this one in a long time; nice job!

MARIANAS ISLANDS KYOI: 15405 f/d Bird cd. in 21 ds. for ms. (TN-Curtis).

MARSHALL ISLANDS\*\*\*WSZO: 4940 p/d form ltr. in 14 ds. for ms. (Wilkins-CO). p/d form ltr. in 17 ds. for ms. V/S Peter Bonn. (Coday-CA). p/d ltr. in 17 ds. for ms. (Radtko-CA)... A new radio country to QSL! For return postage, US stamps are fine as the Marshall Islands are a US Possession...

NEW ZEALAND RNZ: 11780 f/d picture cd. w/ sked. and info in 24 ds for 2 ircs. (Sato-JAPAN).

PAPUA NEW GUINEA R. Madang: 3260 f/d letter in 37 ds. for a SASE & ms. V/S S.P. Tiori. (Rippel-VA). R. Manus: 3315 f/d letter in 46 ds. for a SASE & ms. V/S Eliun Sereman. (Rippel-VA). R. East Sepik: 3335 f/d Map-Logo cd. w/ stamps in 43 ds. for \$1. (Coday-CA). R. East New Britain: 3385 f/d Bay cd. in 46 ds. for a SASE & ms. V/S A.L. Rumina. (Rippel-VA). R. Eastern Highlands: 3395 f/d letter in 21 ds. for a SASE & ms. V/S Robert Taula. (Rippel-VA). R. New Ireland: 3905 p/d personal letter in 29 ds. for \$1. V/S Kathleen Sakias. (Coday-CA). f/d letter in 46 ds. for a SASE & ms. (Rippel-VA)...Great selection of stations; good work to you both!!! rjf

SOCIETY ISLANDS RFO: 11825 f/d Conch Blower cd. in 95 ds. for a FF rpt. & 2 ircs. (Wakefield-IA).

SOUTH AMERICA

ARGENTINA RAE: 9690 f/d Logo cd. in 89 ds. V/S Silvana Licciardi. (Gerstner-NY). f/d Logo cd. w/ sked. & rpt. form in 90 ds. for 2 ircs. (Russell-AL). R. Rivadavia: 4589 f/d Logo cd. in 104 ds. for a SS rpt. & \$1. V/S Ing. Jorge Armando Falcone. (Coday-CA).

BOLIVIA R. San Gabriel: 6080 f/d pfc w/ ltr, folder & gorgeous pennant in 24 ds. after f-up for a SS rpt. and 2 ircs. (Wilkins-CO) ...very nice, John!!

BRAZIL RadioBras: 11745 f/d Fortaleza cd. w/ sked., sticker & rpt. form in 39 ds. in 39 ds. for 2 ircs. V/S Mara Ferreira. (Kline-CA). f/d Manaus cd. w/ sked. & rpt. form in 69 ds. V/S Claudia Carneiro. (Bishop-NY). R. Educacao Rural: 4755 p/d Logo folder cd. w/ postcard in 27 ds. for a PP rpt. & \$1. V/S Ailton Guerra. (Coday-CA). R. Educadora de Braganca: 4825 p/d Logo folder cd. in 29 ds. for a PP rpt. & \$1. (Coday-CA).

CHILE R. Nacional: 15140 f/d cd. in 22 ds. for a Taped rpt. and ms. Also sent a SS rpt. V/S Carlos Toledo Verdigo. (Russell-AL).

Much more to come from South America!!!



/COLOMBIA/ Armonias del Cagueta: 4915 p/d Palm Tree cd. in 85 ds. for a SS rpt., an irc and ms. V/S Alvaro Serna Alzate. (Gager-AUSTRIA). La Voz de los Centauros: 5955 n/d Logo cd. in 64 ds. for a SS rpt. & \$1. V/S Juan Carlos Torres Leyva. (Coday-CA).

/ECUADOR/ HCJB: 6230 f/d Monument cd. w/ rpt. form in 36 ds. (Wright-MB). 9870 f/d Blue Footed Booby cd. w/ questionnaire in 35 ds. (IL-Vercellino). f/d cd. w/ newsletter & rpt. form in 52 ds. (Bishop-NY). 11740, 15270 & 17790 f/d cd. in 23 ds. for ms. (Gerstner-NY). Emisoras Gran Colombia; 4910 n/d personal letter w/ stickers in 27 ds. for a SS rpt. & \$1. V/S Nancy Cevallos Castro de Espinoza. (CA-Coday). La Voz del Upano: 5040 f/d form letter in 27 ds. for a SS rpt., w/ a taped rpt. and ms. V/S Luis A. Rivadeneira. (Russell-AL). f/d form letter in 55 ds. for a SS rpt. & \$1. (Coday-CA).

/GALAPAGOS ISLANDS/ La Voz de Galapagos: 4810 p/d Scenes cd. in 37 ds. for a SS rpt. & \$1. V/S Padre Víctor Maldonado. (D'Angelo-PA).

/PERU/ R. San Martin: 4810 f/d Logo cd. w/ personal ltr. & postcards in 94 ds. for a SS rpt., an irc and some US stamps. V/S Rosa Ruiz. (George-MA). R. Oriente: 6188.6 f/d pfc w/ keyring via registered mail in 111 ds. for a SS rpt. & ms. V/S Prof. Ricardo Arevalo Flores. (Wilkins-CO)...nice!

/VENEZUELA/ R. Valera: 4840 f/d Views of Valero cd. in 80 ds. for a SS rpt., an irc and ms. V/S Carlos Julio Balza. (Gager-AUSTRIA).

#### CLANDESTINES & PIRATES

A Voz da Resistencia do Galo Negro: 4973 f/d letter in 43 ds. for a taped rpt. and \$2. V/S Figueiredo Paulo- UNITA Rep. USA. (Kusalik-AB). Zeppelin Radio Worldwide: 7430 f/d Logo cd. w/ info. in 14 mo. after f-up for ms. V/S "Count Wolfgang von Manteuffel". (Kusalik-AB). Radio Halgan: 9590 f/d Holiday at Ahab cd. in 34 ds. V/S A. Rashid A. Sed. Address: P.O. Box 1686.. Addis Ababa.. Ethiopia. (Kusalik-AB). La Voz del CID: 9940 f/d Logo cd. in 28 ds. for a SS rpt. and an irc. (Russell-AL).

#### INTERNATIONAL WATERS

Voice of Peace: 6240 f/d pfc and letter in 120 ds. for a SAE and \$1. V/S Mark Warner. (D'Angelo-PA)...nice one Richard!:

Wow!! Great month everyone!

I want to say "Thanks for a job well done" to both Peggy Thompson and to Tom Kephart, and also welcome aboard to David Jones and Al Quaglieri (hey, I've heard of him before!!!).

I've been very busy lately: softball practice is starting-up, the fish are biting, and work is really picking up. I still have benn making some time for DX'ing- mainly early AM for some Indos and other Asians.

73 and best of DX, *Ray*



# UTILITY SCENE

0-30 MHZ SSB • RTTY • AM • CW • FAX

**Jeff Knapp**  
 5465 Kirby Rd. Apt. 20  
 Cincinnati, Ohio 45223, USA

deadline:  
 12th of the month

\*\*\* NORTH AMERICA \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
AK	5676.0	U	0403	NOJ	KODIAK	USCG	MKG CG 1701	RJ -NJ
AK	6506.4	U	0205	NOJ	KODIAK	USCG	WT	RM -AZ
BE	12709.2	U	2009	VBT	HAMILTON	V MARCO	V MARKER	RSR-ON
CAN	2598.0	U	2140	VCB	R. AU RENARD	CCG	YL WITH ID, OM W/ WX	RSR-ON
CAN	9006.0	U	1230	VIA	EDMONTON	CANMIL	WT	JDW-FL
CAN	12875.0	C	0140	VCS	HALIFAX	CCG	V MARKER	JDW-FL
USA	2670.0	U	0302	NOY	GALVESTON	USCG	VOICE MARKER	RSR-ON
USA	2670.0	U	0503	NME	BOSTON	USCG	NTM	PK -IL
USA	4656.5	C	0314	KKN 39	WASHINGTON	DOS	QRA	RMA-IA
USA	5676.0	U	0048	NMC	SAN FRANCISCO	USCG	MKG CG 1471	RJ -NJ
USA	6506.4	U	0208	NMC	SAN FRANCISCO	USCG	MKG CUTTER EDESTO	RM -AZ
USA	6506.4	U	1130	NMN	PORTSMOUTH	USCG	WT	JDW-FL
USA	8688.0	C	0200	WNU 53	SLIDELL	MARCO	CG MARKER	JDW-FL
USA	8722.0	U	2300	WDM	PENNSCO	MARCO	OFFSHORE WX	RSR-ON
USA	9122.0	C	0130	WBY 912	MT WEATHER	FEMA	SLTR TFC	RMA-IA
USA	10637.0	C	2130	KNM 50	WASHINGTON	DOS	QRA	RMA-IA
USA	13386.0	C	1847	KKN 39	WASHINGTON	DOS	QRA MARKER	POC-NH
USA	17413.5	C	2253	KKN 39	WARRENTON	DOS	QRA MARKER	FW -FL

\*\*\* CARIBBEAN \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
BARR	12709.0	C	0140	BPO	BRIDGETOWN	MARCO	CG MARKER	RSR-ON
CURA	17450.7	C	2130	CLN	HAVANA	PTI	QRA FZ CLN 565	FW -FL
PR	16983.2	C	1050	NMR	SAN JUAN	USCG	V MARKER	JDW-FL
TRIN	12855.0	C	2049	9YL	NORTH POST	MARCO	V MARKER	PAC-UK
VIRG	4357.4	U	0210	WAH	ST. THOMAS	MARCO	YL WITH WX	RSR-ON

\*\*\* SOUTH AMERICA \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
ARGN	17191.0	C	2113	LSA	ROCA	MARCO	TFC IN SS	FW -FL
BRZL	12738.0	C	0154	PPR	RIO DE JANIERO	MARCO	V MARKER	RSR-ON
BRZL	12795.2	C	0157	PWZ 33	RIO DE JANIERO	NAVRAD	V MARKER	RSR-ON
CHIL	12714.0	C	0151	CBV	VALPARAISO	MARCO	CG MARKER	RSR-ON
COLO	17004.0	C	1432	HXB	BARRANQUILLA	MARCO	CG MARKER	PAC-UK
GUY	2182.0	C	0534	BRB	DEMARARA	MARCO	CLG 4PCG	POC-NH

\*\*\* EUROPE \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
BELG	8742.3	U	2000	OSU 41	OOSTENDE	MARCO	CLG TCJU	POC-NH
EIRE	5640.0	U	0045	EIP	SHANNON	AERD	WT	JDW-FL
FRAN	8708.5	C	0218	FFT	ST. LYS	MARCO	DE MARKER	FW -FL
FRAN	8808.8	U	0105	FFL 41	ST. LYS	MARCO	VOICE MARKER	JDW-FL
FRG	8748.5	C	2047	DAJ	NORDDEICH	MARCO	TFC LIST	POC-NH
GREE	8687.0	C	0234	SVA	ATHENS	MARCO	DE MARKER	FW -FL
GREE	8704.0	C	0223	SVB	ATHENS	MARCO	DE MARKER	FW -FL
ITLY	2815.0	C	0133	IDR 8	ROME	NAVRAD	V MARKER	RSR-ON
ITLY	8685.0	C	0235	IRH	ROME	CIRM	V MARKER	FW -FL
USSR	6370.0	C	0605	UPB	PROVIDENIYA	MARCO	TFC IN RR	LSH-CA
USSR	8170.2	C	0333	UAT	HOSCON	MARCO	TFC IN RR	LSH-CA
USSR	8243.0	C	0525	UVD	LEGNADAN	MARCO	TFC IN RR	LSH-CA
USSR	12855.0	C	1803	URF 2	LENINGRAD	MARCO	CLG 4LT3	PAC-UK
USSR	13069.0	C	0840	UMV	MURMANSK	MARCO	DE MARKER	PAC-UK

\*\*\* AFRICA/MIDDLE EAST \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
ANGO	8565.0	C	2240	DSE 51	LUANDA	MARCO	CQ MARKER	RSR-ON
DJIB	8567.9	C	2242	FUV	DJIBOUTI	NAVRAV	V MARKER	RSR-ON
DJIB	8681.0	C	0420	J2A	DJIBOUTI	MARCO	CQ MARKER	BJ -TI
GHAN	8779.0	C	1747	96A	ACCRA	MARCO	GRZ 96A, MANUAL CQ	PAC-UK
KEN	8441.5	C	2021	5ZF	MOBASA	MARCO	V MARKER	PAC-UK
QATR	4231.0	C	0240	A7D	DOHA	MARCO	DE MARKER	MH -PA
QATR	4231.0	C	2125	A7D	DOHA	MARCO	DE MARKER	PAC-UK
REUN	8475.5	C	0355	FUX	SAINT DENIS	NAVRAV	V MARKER	RSR-ON
SOAF	8688.5	C	0233	ZSC	CAPE TOWN	MARCO	CQ MARKER	FW -FL

\*\*\* ASIA/FAR EAST \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
INDO	16867.7	C	1516	PKI	JAKARTA	MARCO	CQ MARKER	PAC-UK
JPAN	8571.0	C	1654	JNA	TOKYO	MARCO	CQ MARKER	PAC-UK
JPAN	12826.5	C	0200	JCS	CHOSI	MARCO	V MARKER	RSR-ON
JPAN	13008.0	C	0208	JOR	NAGASAKI	MARCO	CQ MARKER	RSR-ON
JPAN	13063.0	C	0837	JDB	NAGASAKI	MARCO	CQ MARKER	PAC-UK
JPAN	13069.5	C	0210	JOS	NAGASAKI	MARCO	CQ MARKER	RSR-ON
RUK	12843.0	C	0849	HLO	SEOUL	MARCO	CQ MARKER	PAC-UK
THAI	12800.0	C	1504	HSA 3	BANGKOK	MARCO	CQ MARKER	PAC-UK
TWN	12786.0	C	0405	XSI	KEELUNG	MARCO	CQ MARKER	BJ -TI
TWN	12864.0	C	0944	XSM	KAOSHUNG	MARCO	CQ MARKER	PAC-UK

\*\*\* PACIFIC \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
AUST	4229.0	C	2123	VIP 7	PERTH	MARCO	V MARKER	PAC-UK
AUST	8597.0	C	2245	VIP	PERTH	MARCO	V MARKER	RSR-ON
FFPO	17380.0	C	2246	FUM	PAPEETE	NAVRAV	V MARKER	FW -FL
HI	8765.4	U	1150	NMD	HONOLULU	USCG	WX	JDM-FL
NZEL	4380.0	U	0818	ZLW	WELLINGTON	MARCO	MKG WARSHIP WELLINGTON	PK -IL

\*\*\* RTTY \*\*\*

FREQ	TIME	BD-SHIFT	CALL	CITY	IDENT	CNTY	TRAFFIC	CONTRB
3035.6	0040	50-425N	DHJ 51	GRENGEL	METEO	FRG	RY5	GS -MA
5690.0	0610		DHM 95	LAHR	AFB	FRG	EURD WX	GS -MA
5841.2	1945	50-425N	FTF 84	PARIS	AFP	FRAN	FF NEWS	GS -MA
7954.5	2315	100-	LRN 85	BUENOS AIRES	DYN	ARGN	NEWS	POC-NH
9252.2	0243	50-425R	ELRB	MONROVIA	AERO	LIBE	DE MARKER	RMA-IA
9317.0	2055	60-	DHJ 51	GRENGEL	METEO	FRG	CQ MARKER	POC-NH
10981.0	0610	50-850N	BAP 40	BEIJING	XINHUA	PRC	RY5	JEB-CA
11135.0	1948	100-	PBC 3	BOEREE ISLE	NAVRAV	HOLL	RY5	POC-NH
11459.2	2254	50-425N	Y7A	BERLIN	MFA	GER	QRA MARKER	FW -FL
13083.5	0202	ARQ	WLO	MOBILE	MARCO	USA	INST. ON AUTOTELEX	FW -FL
14901.0	1915	60-	CLN 451	BAUTA	TASS	CUBA	NEWS	POC-NH
15955.0	1543	50-	JBT 4	PLAISANCE	METEO	MAUR	METEO MSGS "FIMP"	POC-NH
17178.5	2125	ARQ	KFS	SAN FRANCISCO	MARCO	USA	HIFH SEAS TRAFFIC	FW -FL
18056.4	2020	75-850N	HDN	QUITO	NAVRAV	ECUA	RY5	FW -FL
18545.5	2100	75-425N	WFK 48	NEW YORK	USIA	USA	PRESS IN SS	RMA-IA
20350.4	1443	75-850R	NBA	BALBOA	NAVRAV	PANA	RY5	FW -FL
20471.8	2005	75-1200R	CXA	MONTEVIDEO	NAVRAV	URGY	PRUEBA DE CDX	FW -FL

\*\*\* SHIPS \*\*\*

FREQ	M	TIME	CALL	NAME	TRAFFIC	CONTRB
500.0	U	0422	TCG5	RAUF BEY	MKG VCS	POC-NH
500.0	U	0442	UIZD	SOVIETSK	CLG UHMN	POC-NH
2166.0	U	0500	NNTR	USS THEODORE ROOSEVELT	MKG WOV	POC-NH
2182.0	U	2335	CG 2683	USCGC ALFRED NEEDLER	MKG WOODS HOLE	POC-NH
4191.0	C	0322	IFFD	M/V BOXER CAPTAIN COOK	MKG TTH	FNB-NJ
4192.0	C	0610	ZCUV	FALCON ARROW	MKG GKC	FNB-NJ
4194.0	C	0051	AGOM	M/V BOLAN	MKG VCS	FNB-NJ
4195.0	C	0614	EDIO	M/V GERDI STALINGRADA	MKG PPR	FNB-NJ
4207.0	C	2216	D9EJ	M/V BOMIN	MKG DAL	FNB-NJ
4210.0	C	0536	YQAP	M/V VASLUI	MKG IAR	FNB-NJ
6226.0	R	0510	UVVG	BMRT KAZATAIN	TFC TO PETRO	JEB-CA
6260.0	R	0506	ESUD	BMRT PRIODZERSK	TFC TO PETRO	JEB-CA
6261.0	R	0300	URRN	TH LEONID BREZHNEV	TFC IN RR	LSH-CA
6261.5	R	0250	DUJF	M/V EASTERN JAY	TFC IN EE TO WLO	LSH-CA
6267.0	R	2150	GCCP	LONDON VICTORY	ARQ TO PORTISHEAD	GS -MA
6269.0	R	0340	UYUY	TH GEORGI CHIRECHIN	MARKER	LSH-CA
6288.0	C	0425	GIEK	LACKENBY	MKG GKD	FNB-NJ
6295.0	C	0426	JEDF	M/V HANU	MKG VAI	FNB-NJ
6296.5	R	0300	UNMK	RPB VOSTOK	RY5	RMA-IA
8244.6	U	2052	H3Z5	SOD YANG NO. 1	MKG DAJ	POC-NH
8250.8	U	2044	ZCUD	GEESTHAVEN	MKG GKU 49	POC-NH
8288.0	U	0427	C6J2062	DAGAS	MKG WOM	POC-NH
8298.2	R	0245	UYTZ	TH KREMENCHUR	MARKER	LSH-CA
8328.5	R	0100	SQKV	ZYRARDOW	ARQ IN POLISH	JEB-CA
8345.0	R	0130	BYRY	DISCOVERY BAY	METEO	JEB-CA
8345.5	R	1510	3EMB 3	EL REIL	TO IAR	JEB-CA
8347.5	R	0145	SOLE	M/V STEFAN STARYNSKI	TFC IN POLISH	LSH-CA
8348.0	R	0312	UQZK	TH KAP. GERGII BAGLAI	MARKER	LSH-CA
8348.5	R	0200	UJOM	TR URALSKIY GORY	MKG UJY	RMA-IA
8350.0	R	0010	JAVK	ANANGEL FIDELITY	MSG5	JEB-CA

8350.0	R	0210	ULKA	TK BORZHOMI	TFC IN RR	LSH-CA
8353.0	R	0210	UJDC	TN MYS SARYSHCH	TFC IN RR	LSH-CA
8355.0	R	0430	UJPL	NIS AKADEMIK GOLICYN	WKG MURMANSK	RMA-IA
9353.6	R	0230	UVAT	TR VETERAN	MARKER	LSH-CA
8354.5	R	0215	UIPS	TK DAVID BAKRADZE	TFC IN RR	LSH-CA
8380.0	C	2310	UVOI	M/V BUKHTARMA	WKG UKHD	FNB-NJ
8382.5	C	2238	VRAA	RIVERVILLE	WKG PPD	FNB-NJ
8383.0	C	2247	7KHA	PACIFIC SWALLOW	WKG HPP	FNB-NJ
8386.0	C	0130	FNCW	CGM ROUSSEAU	WKG FFL 4	FNB-NJ
8392.0	C	0158	CLFY	M/V BAHIA HONDA	WKG LPD	FNB-NJ
8394.0	C	0216	TCNP	M/V DRAGON YILDIZ	WKG TAH	FNB-NJ
8404.0	C	0425	YYDN	M/N CARONI	WKG OBC 3	FNB-NJ
8409.0	C	0411	JELY 3	LIQUID BULK EQUITY	WKG ICB	FNB-NJ
8411.0	C	0741	DSWX	M/V POLFJORD	WKG OBC 3	FNB-NJ
8417.0	C	2326	YYDR	M/N HISPOLOLA	WKG PJC	FNB-NJ
8435.0	C	0204	ULSB	M/V KAZAKISTAN	WKG IAR	FNB-NJ
12495.5	R	2300	UOLM	TK MOS. FESTIVAL	TFC IN RR	LSH-CA
12606.0	C	2230	C4IM	M/V ARKTOS	WKG HPP	FNB-NJ
16758.0	C	1831	D5GK	FEDERAL SANGUENAY	WKG VCS	FNB-NJ

\*\*\* AERO \*\*\*

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
2887.0	U	0758	VARIQ 760	WKG SAN JUAN	GCH-WV
2899.0	U	0500	AIR MAROC 205	WKG SANTA MARIA AERU	PUL-MH
2899.0	U	0651	VRCBR	WKG GANDER	GCH-WV
2971.0	U	0542	LUFTHANS 4271	CLG FROBISHER	GCH-WV
3016.0	U	0311	GERMAN AF 589	WKG SANTA MARIA	POC-NH
5526.0	U	0625	ARGENTINA 332	WKG MAIQUETIA	GCH-WV
5526.0	U	0611	CLIPPER 440	WKG MANAUS	GCH-WV
5529.0	U	0649	IBERIA 994	WKG SANTO DOMINGO	GCH-WV
5529.0	U	0654	VARIQ 748	CLG MADRID	GCH-WV
5550.0	U	0512	CUBANA 493	WKG BOYERDS	GCH-WV
5598.0	C	0705	CFTLA	WKG SANTA MARIA	GCH-WV
5598.0	U	0634	DOMINICANA 202	WKG SAN JUAN	GCH-WV
5598.0	U	0554	SURINAME 764	WKG PIARCO	GCH-WV
5643.0	U	0708	GANTAS 45	WKG SYDNEY	GCH-WV
5676.0	U	0128	AIR FORCE RESCUE 966	WKG PORTSMOUTH	JDW-FL
5676.0	U	0130	CG 2107	WKG PORTSMOUTH	JDW-FL
6649.0	U	0746	ARGENTINA 304	WKG GUYADUIL	GCH-WV
6649.0	U	0745	CLIPPER 210	WKG PANAMA	GCH-WV
6649.0	U	0747	LAN CHILE 199	WKG LIMA	GCH-WV
8842.0	C	0618	ROWCS	WKG COL	GCH-WV
8846.0	U	1408	AMERICAN 683	WKG NY	JDW-FL
8846.0	U	1453	TRANS WORLD 236	WKG NY	JDW-FL
8846.0	U	1850	TRANSBRASIL 945	WKG NY	POC-NH
8861.0	U	0524	AEROFLOT 351B	WKG RECIFE	GCH-WV
8861.0	U	2207	GYAGB	WKG DAKAR AERO	POC-NH
8861.0	U	0549	VARIQ 748	WKG DAKAR	GCH-WV
8867.0	U	0726	CONTINENTAL 8	WKG NANDI	GCH-WV
8891.0	U	2352	JAPAN AIR 421	WKG CAMBRIDGE BAY	GCH-WV
15024.0	C	1703	ROMCE	WKG COL	GCH-WV
15024.0	C	1602	RPGHM	WKG RFNV	GCH-WV

\*\*\* TACTICAL \*\*\*

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
4374.0	U	0826	E2W	IN PLAYGROUND	PK -IL
4728.0	U	1334		YL W/MSG	PK -IL
5098.0	C	2215	NORTHERN COMMAND	WKG SECTORS 1 THRU 4	BJ -TX
9024.0	U	1701	OVERTONE	WKG TOYSHOP	PK -IL
9024.0	U	1719	OVERTONE	WKG TRENTON CANMIL	PK -IL

\*\*\* QSLs \*\*\*

CNTRY	CALL	DES/ID	NAME/LOCATION	QSL/ POSTAGE/ #DAYS	FREQ	CONTRB
		SS	AIR PROTUGAL 321	PFC MS 32D	3016.0	POC-NH
			BRITANNIS	PFC MS 106D	4097.1	JG -NY
			WORLD 545	PFC MS 13D	5550.0	POC-NH
			COLOMBIAN 1201	PFC 21RC 116D	8825.0	POC-NH
	JELI 3	M/V	HOMERIC	PFC MS 25D	4097.1	JG -NY
	CG 2959	CCGC	LEONARD J. CRDNLKY	PFC MS 41D	2182.0	POC-NH
	ELDK 9	TSS	FAIRSKY	PFC MS 15D	8288.0	JG -NY
	ELPH	TSS	FAIRWIND	PFC MS 21D	4097.1	JG -NY
	GUNP		CUNARD PRINCESS	PFC MS 13D	8207.4	JG -NY
	KCC 593		NH CAP	PFC MS 9D	4582.0	POC-NH
	LCKF	M/S	SOUTHWARD	PFC MS	4097.1	JG -NY
	LIZA	M/S	SUN VIKING	PFC MS 8D	8207.4	JG -NY
	N269VA	A/C	VOYAGER	CARD #1 CAN 30D	6550.0	RSR -DN
	NDSD	USS	BARNEY	PFC NO POST 10D	2714.0	POC-NH
	NHMC	USCGC	HARRIET LANE	PFC MS 49D	5676.0	JG -NY
	NRWS	USS	SIMPSON	LETTER NPOST 46D	2716.0	HH -MD
	NTEW	NOAA	WHITING	PFC MS 15D	4400.8	POC-NH
	NTEZ	NOAA	FERREL	PFC MS 162D	8241.5	POC-NH
	WYR 3417		ATCHAFALYA	LETTER MS 60D	6221.6	HH -MD
	AK	USCG	KODIAK	LETTER MS 22D	6506.4	RM -AZ
	BELG	OSU 41	MARCO	PFC MS 19D	8762.3	POC-NH
	CAN	VOK	CGG	CARD MS 30D	2598.0	RSR -DN
	CYPR	58A	MARCO	LETTER #1US 34D	2700.0	HH -MD
	ENG	HSF	SFTS	CARD MS 11D	5000.0	POC-NH
	KEN	57D	AERO	PFC IRC 75D	5658.0	JG -NY



LYBA	SAB	MARCO	BENGHAZI	LETTER M5 3000	8745.0	RSR-ON
PR	NMR	USCG	SAN JUAN	PFC 100	500.0	POC-NH
PRC	BPM	SFTS	XI AM	CARD 21RC 178D	10000.0	POC-NH
QATR	A7D	MARCO	DOHA	LETTER 21RC 25D	8473.3	POC-NH
USA	HMG	NDB	HUNTINGTON, IN.	CARD M5 30D	417.0	RSR-ON
USA	KSI		IL CAP	LETTER M5 279D	4602.5	POC-NH
USA	NMF	USCG	BOSTON	CARD M5 30D	2670.0	RSR-ON
USA	NMG	USCG	NEW ORLEANS	PFC 10D	500.0	POC-NH

\*\*\* CONTRIBUTORS \*\*\*

NAME	INI-ST	RECEIVER	LOGS
ALEXANDER, RODNEY	RMA-IA	R 70	8
BELGHAUS, FRED W.	FWB-NJ	R 71A	21
BERRI, JASON E.	JEB-CA	R 2000 RF 2900	7
CONWAY, PETER A.	PAC-UK	TS 4305 DI400	15
GERSTNER, JOHN	JE -NY	DX 1000	9
HALSTEAD, GARRIE	GCH-WV	R 4B ICF 2001	22
HARDESTER, MIKE	MH -PA	R 1000/FRG 7000	1
HARDY, LE ROY S.	LSH-CA	R 70	14
HOLBROOK, HANK	HH -MD	RBL 2 RBL 4	3
JOHNSON, ROBERT	RJ -NJ	R 70	2
JONES, BRIAN	BJ -TX	R 70	3
KERRIGAN, PATRICK	PK -IL		6
MARSHALL, RON	RM -AZ		34
O'CONNOR, PATRICK	POC-NH	IC R71A DX 302	22
ROSS, ROBERT S.	RSR-ON	FR 1015/TS 4305	22
SHANKLIN, GEOFF	GS -MA		4
THOMPSON, PEGGY	PAT-CA		1
WHITE, FRED	FW -FL	TWO NRD 515	15
WILLIAMS, JOHN D.	JDW-FL	R 71A/ R 7A	12

SHIP DX'ING sure is popular, judging by the amount of ship loggings I've received in the past few months. It could just be that reception conditions are better for them (or worse for others). I recall that when I took over the column RTTY logs were the largest in terms of number, but that has changed. In view of the increased number of ship loggings, I started building a ship database on the computer several months ago. Land-based stations have always had space on the computer but ships were catch-as-catch-can until recently. I have been building the data from your logs, but recently Jason Berri graciously consented to allow me to incorporate his merchant and Russian ship lists into my database. This will be a great help in linking call signs with ship names via a two-dimensional search routine I've programmed. Jason has also just published Version 2.0 of his Russian Merchant Ship List; 23 pages of monitor-confirmed Russian ship activity that includes call, name, home port, serial number, type of vessel, whether the vessel is ITU registered, and the last date of logging in SPEEDX or ASWLC. The text is a real value for ship comm monitors at \$3.50 US postpaid. Order from Jason at 21240 S. Western Ave. #18, Torrance, CA 90501.

Additional ship info comes from Howard Kemp with a clipping from USA today stating the Queen Elizabeth 2 returns to service on April 29, after \$150 million in renovations. Here's a chance to QSL the maiden voyage!

And speaking of Voyager (quite a stretch, hi!) congrats to Robert Ross on submitting the first QSL of Voyager's round-the-world trek.

KKN 39 rears its ugly head again. I heard from several readers after my request for info a couple of months ago, and the consensus seems to be that KKN 39 is located in or about Washington D.C. and is operated by the State Department. Usually-accurate references that I don't currently have (but will be getting) were quoted by all of you, so until someone with first-hand knowledge speaks differently, so be it: KKN 39, Washington, DOS (Department of State).

QSL ADDRESSES are always a hot topic, and two new references have crossed my desk. The first is "THE UTILITY ADDRESS HANDBOOK" by Reinhard Klen-Arendt. I haven't seen this one, but it is described by reader Peter Conway as "very thorough". Peter states the book is available via Gilfer and others. The second text is one I have in front of me, the "UTILITY QSL ADDRESS GUIDE Volume 1: THE AMERICAS" from RadioData Unlimited. That firm is actually two of our long-time contributors, Daryll Symington and John Henault. This book, first of a series, covers QSL addresses for the Americas, Canada, Greenland, the Caribbean, and nearby islands. 100 pages covers land-based stations in those areas as well as military and civilian ships, MARS stations, FEMA, CAP, call sign allocations, abbreviations, and even clubs and publications. There is also a section on QSL tips and techniques. A most worthwhile addition to the QSLer's library, it's only \$12.95 US from most radio-supply stores or directly with \$ .75/4th class or \$1.75/1st class postage from RadioData Unlimited, PO BOX 399, Holland, OH 43528.

That's all for now; spend your tax refund on an R 71A! 73's....

# CONTRIBUTORS LIST

MAY 1987

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3	ADDISON, JOE	KB R600	1	LEITE, STEPHEN	MA NR0515
1	ALEXANDER, RODNEY	IA IC-R70	4	LEVISON, HAROLD	PA IC-R70
5	ALEXANDER, SAM	NC DX302	1	LUPI, PHILIP	FL ICF2010
3	ALLEN, P.J.	CA ICF2002	1	MAHONEY, MICHAEL	FL 8PR4
1	ALLRED, BRENT	EC ICF2002	4	MANDERSCHIED, MIKE	CA ICF2001
1	BAIR, MASON	CA IC-R70	1	MARSHALL, RONALD	AZ
1	BARBER, C.L.	IL	4	MILLER, WILLIAM	CA DX400
1	BELGHAUS, FRED	NJ IC-R71A	2	MOHAN, DON	AB IC-R71A
1	BERRI, JASON	CA R2000	2	MOBER, ROBERT	IL
5	BISHOP, FORREST	NY RF4000	1	MUNSTER, RALF	GA FRG7700
4	BLOCK, DAVID	LA 8E WM2	3	McCANTS, DONALD	AL RF2200
2	BOWDEN, RALPH	CA FRG7700	4	NEFF, GEORGE	OH ICF4000
1	BRAME, DAN	IL ASTRO4	1	O'CONNOR, PATRICK	NH IC-R71A
5	BROWN, EDWARD	IL RF2200	1	PERASSO, GARY	CO
1	BUNN, PETER	AU	5	PINCHON, JACQUES	FR
3	BUSH, DAVID	OH 8E WM2	1	POBUE, JAMES	TN R2000
6	CARD, PETER	RI NR0515	5	PRESTON, WILLIAM	CA
2	CARLBLE, FRED	WA NR0515	2	RADTKE, CARL	MX 8PR4
1	CODAY, RICHARD	CA FRG7700	3	RICHMOND, KYLE	MD R2000
3	COLEMAN, ROBERT	MA IC-R71A	2	RIPPEL, CHUCK	VA NR0525
1	CONSTANTINIDE, COSTA	SA NR0515	8	ROBINSON, Betsy	TN CR2021
1	CONWAY, PETER	UK T84308	2	ROMBERG, BILL	WI RF4900
2	CURTIS, WM. FREDDY	TN ICF2010	3	ROSS, ROBERT	ON T84308
5	D'ANGELO, RICHARD	PA NC190	2	RUSSELL, RICHARD	AL
6	DILLON, PETER	MD DX400	1	RUTSCH, WERNER	SZ
3	DOWNING, RON	CO IC-R70	1	RYAN, TERRY	NY NR0525
2	EVANS, JAMES	TN R2000	1	SABLE, THOMAS	PA T84308
1	FAMULARO, RALPH	JP ICF6000W	2	SAMPSON, DANIEL	WI R1000
1	FAWCETT, JOHN	IL	3	SANDERSON, JACK	AZ R2000
2	FLOYD, HERBERT	TX	1	SATO, JUNICHI	JP NR0525
2	FORSYGREN, RAY	WI FRG7700	3	SCHLOSSMAN, MARC	CA FRG7
4	FRASER, BOB	MA CR2021	1	SCHULSINGER, MICHAEL	OH FRG7
1	FROEMMING, BARY	AZ T84308	5	SHAFFER, LAWRENCE	PA ICF2010
3	GAGER, PAUL	AA GRUN600	2	SHANKLIN, GEOFFREY	MA IC-R70
1	GEORGE, NELSON	NC IC-R71A	2	SHARP, DAVID	FL R600
2	GEORGE, STEVE	MA R2000	1	SHARPE, BRYAN	CA DX400
5	GERSTNER, JOHN	NY DX1000	2	SHIMADA, SENSU	JP FRG7700
1	GOODMAN, JOEL	IA R600	4	SHREEDHAR, R.	II YB700
2	HALSTEAD, GARIE	WV R4B	1	SNYDER, DAVID	NY FR2800
1	HAMILL, ED	CA	1	STEIN, RICKEY	NJ FRG7700
1	HARDER, PHILIP	CO	1	SUCH, BILL	PA
3	HARDESTER, MIKE	PA FRG7000	1	SWEDBERG, ERIC	OR
1	HARDY, LEROY	CA IC-R70	6	THOMPSON, PEGGY	CA FRG7
1	HARNISH, HERB	IN RF3100	2	THUNBERG, BOB	PA R1000
2	HARRINGTON, ROB	CO	1	TRENT, JOHN	AK RF4900
3	HAVRILKO, VINCENT	UK ICF2010	2	TROTTO, RON	FL CR2021
2	HEATON, JOHN	FL DX150	1	TUCHSCHERER, JOHN	WI
6	HEINEN, WAYNE	CO R390A	2	VERCELLINO, JOHN	IL GRUNDIG
1	HESCH, RUTH	NY R1000	1	VOCKEROTH, JOHN	NJ
1	HILL, KENNETH	MA NR0525	5	WAKEFIELD, PAUL	IA ICF2010
1	HOLBROOK, HANK	MD RBL2	1	WASHBURN, CHARLES	ME R1000
1	HUFFAKER, CARL	MX HOMBREW	2	WEBER, DONALD	OH R2000
2	HYBOM, MARTY	CO LAF320	1	WEIKEL, FRANK	MI 8-30E
1	JANUSZ, EDWARD	NJ ICF2010	5	WESTENHAVER, WILLIAM	PO ICF6500W
1	JOHNSON, ROBERT	NJ IC-R70	1	WEVER, HOWARD	AK
3	JONES, BRIAN	TX IC-R70	4	WHITE, FRED	FL NR0515
2	KERRIGAN, PATRICK	IL R1000	1	WILKINS, JOHN	CO R1000
1	KLEIN, KEVIN	WI	2	WILLIAMS, JOHN	FL IC-R71A
5	KLINE, JAMES	CA FRG8000	3	WITTE, MARJORIE	CA FRG7
3	KLINGE, JACK	CO	9	WOERING, HAROLD	MA R1000
3	KOLB, NEAL	NM NR0525	6	WRIGHT, PHILIP	MB DX400
1	KRIST, KRAIG	VA FRG7700	1	ZILMER, ROBERT	NM R1000
2	KUBALIK, EDWARD	AB FRG7000	1	ZIRKELBACH, BOB	CA R1000
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