

SPEEDX

SPEEDX

the dx radio magazine
for active shortwave listeners

THANK YOU ALL...
FOR YOUR CONTRIBUTIONS TO HAP...

Guest list

Merle McMahon	Craig Mellinger
Ruth Hesch	Marjorie Oakley
William Muzyka	Richard Mestas
Don Johnson	Woody Seymour
Frank Schlake	Steve Lofte
Leonard Davidson	Nigel Fimlett
John Creamer	Gerry Mountain
Frank Terzick	Juan Moreira
Dave Browne	Marge Witte
Mike Hardester	Peggy Thomson
Vera Crable	
Robert Yaiko	
Henry Ward	
Bob Hecht	

HAPPY NEW YEAR

TAPES
RECORDERS
RECEIVERS
BOOKS
ANTENNAS
STAMPS
OFFICE
SUPPLIES
TOTAL COST:
\$117.00

January 1983

VOL 13

1



KEYNOTES

NEED INFO OF GENERAL INTEREST, USEFUL PUBLICATIONS,
DXing AIDS, HOBBY HINTS, WANT ADS, AND WHERE TO SEND
FOR INFO, PLUS SHORT ITEMS WHICH WON'T FIT ELSEWHERE
COLUMN DEADLINE: 12th of the month!

Edited by:
KEN EATON
6406 N. 101st St.
Milwaukee, WI 53224
U.S.A.

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SPEEDX WELCOMES 'DYNAMIC DUO' TO FULL MEMBERSHIP

IVAN ROBICHAUD
N.B., Canada

STEVEN SIENICKI
Jamesburg, NJ

A tip of the headphones to you two who have achieved Full Membership in the bestest DX/SWL Club what is! After you've framed that fine looking Full Membership Certificate and hung in on the wall of your shack, take time to study your own personal copy of the SPEEDX Constitution and re-view the changes printed on page 3 of the November 1982 issue of SPEEDX. Then fire up your receiver and start sending in the Reports that are re-quired to maintain your status. You've been helped by Member's Reports in the past; now your Reports will help other SPEEDXers in the future. Don't just sit on your laurels--all that'll do is crush them!

AND NOW 38 MORE ARE ON THE WAY UP IN SPEEDX

WARREN LEACH
Portland, OR

RICHARD GREENLEES
Hialeah, FL

W. L. BRITTON
Hobe Sound, FL

PHYLLIS HENNESSY
Yucaipa, CA

RALPH DIECKMANN
Arlington, VA

WALLACE GLAVICH
Eureka, CA

KENNETH LOUGE
Fairbanks, AK

MARVAN HOGAN
San Francisco, CA

JOHN TORDOFF
Redwood City, CA

WILLIAM CREIGHTON
Fishkill, NY

WILLIAM MC DOWELL
Birmingham, AL

FORREST HOWARD
La Mirada, CA

GARY SZUCS
Wyandotte, MI

JAMES COX
La Puente, CA

DON PAUL
Mesa, AZ

ROBERT MABE
Anchorage, AK

GALEN MEIER
St. Paul, MN

WILLIAM ROMBERG
Milwaukee, WI

JOHN COLE
Lake Isabella, CA

RICH SOVACOO
Cuyahoga Falls, OH

MICHAEL PETERS
Calgary, Canada

MRS. C. G. M. CAMPBELL
Dover, DE

JOHN HEATON
Bradenton, FL

ROGER ROOSA
Baytown, TX

F. J. BRINDLEY
Elizabeth, NJ

EDWARD RILEY
Virginia, IL

KLAUS URBANIK
Fort Simpson, Canada

PETER BLITZER
Cambridge, MA

LAWRENCE SMITH
Chula Vista, CA

CHRIS THOMPSON
Thornhill, Canada

MARIO PIATELLI
Beverly Hills, CA

KEVIN CULBERTSON
Spokane, WA

DONALD GALVAN
Bergenfield, NJ

ALEXANDER TIMOFEEV
Harahan, LA

JOHN COLLINS
Somers, NY

ALLAN ROSEWARNE
Santa Ana, CA

RICHARD STECK
Lake Forest, IL

JOHN VOGELMANN
Tonawanda, NY

There you are, Ladies and Gentlemen, all 38 of you with your names prominently displayed for all your fellow-SPEEDXers to see! "...Your assignment, if you care to accept it..." is to work your way up to the top of the page and be acclaimed as a Full Member. It's not all that hard to do. As your Membership Kit explains, send in your loggings, station skeds, QSL reports, and other items of interest to the membership. You'll find the name and address of each Editor at the top of the column to which you are submitting material. Remember, all reports must be in the hands of the Editors by the 12th of the month. If you're as bugged as we are at the price of those sticky little squares sold by the USPS, you can save a mess o' moolah by sending all your reports to our Central Distribution

Editor, Peggy Thompson, 2706 Alabama St., La Crescenta, CA 91294. Her deadline is the 7th of the month. So unload the lead, shoot in those reports, and you'll find your name at the top of "Keynotes" in the Full Membership listing sooner than you expect. Remember, it's all up to you!

AND SPEAKING OF PRETTY, PERKY PEGGY --

Our beloved CDE is an Editor without a column. Ergo, she uses "Keynotes" for this gentle, but pointed, comment: "Hope you've all had happy holidays and hope Santa brought a lot of you some brand new scissors! Over a third of all logs coming through the CDE come uncut. Some even unsigned. I finally asked Santa for a paper cutter." Hey, come on, guys and gals, clip those loggings apart. You've only got one batch. Peggy gets dozens and dozens. And maybe Santa didn't bring her that paper cutter! If you don't sign 'em, you can't get credit for your work-- and that's just silly.

EDITOR SUFFERS PAINFUL (THOUGH DESERVED) SLAP ON WRIST

Guru Don Johnson has properly pointed out a typo, goof, slip-up, or lapse on the part of this Editor on page 3 of the last issue wherein an erroneous address was given for Don Erickson, purveyor on WRTM (among other publications) --and we're sorry! Don's correct address is: 6059 Essex St., Riverside, CA 92504-1599. (Heck, we never did claim to be proofreaders.)

WADXA TO HOST ANARC '83 IN USA CAPITOL CITY

Although as the SPEEDX Official Delegate to ANARC '82 this Editor thought that the selection of Washington, D.C. as the site of the '83 convention was a fait accompli, such was not the case. However, in a mail vote, the Club Representatives agreed with our selection and Washington was chosen. The actual site will be just across the Potomac at the Westpark Hotel in Rosslyn, VA and the Washington Area DX Assn. is planning a real wingding! Scheduled for July 15-17, WADXA announces that the 1983 ANARCON will feature "a number of major speakers, seminars on topics ranging from world news coverage to satellite technology, and exhibits by radio companies and distributors." As more news reaches us, we'll pass it along to you.

ANARC is losing its Exec. Sec., Dave Browne, after eight years of devoted service to North America's Radio Clubs. To Dave we say, "So long, and our thanks." He is being replaced by Terry Colgan who has served as Assoc. Editor of the ANARC Newsletter. And to Terry, it's "Hello, and good luck!"

17TH ANNUAL EDXC CONFERENCE SCHEDULED FOR LONDON

From SPEEDXer R. Hesch, NY, comes word that the Annual meeting of the European DX Council session will be held May 20-23 hosted by the BBC External Services. Besides the usual sessions, tours of London, Windsor, Caversham Park (BBC Monitoring Service), Crowsley Park (BBC Receiving Station), Oxford and Daventry (BBC Transmitting Station). There will be working groups on the European DX Council, The Role of DX Clubs, The Future of the DX Hobby, The Future of Telecommunications, and Broadcaster-Listener Dialogue. Interested SPEEDXers must register no later than Feb. 28. For forms write: EDXC Conference, c/o BBC External Services, P.O. Box 76, Bush House, The Strand, London WC2B 4PH, England.

DID SANTA BRING YOU TOM MEYER'S RECORD ALBUM?

If Santa passed you by, and you're a listener to the Happy Station, you can buy Tom's album for US\$9.99 delivered anywhere in the world, according to Larry McKenney. Send your money to: Fred Breed, c/o World Productions, Inc. P.O. Box 661, Gainesville, GA 30501, USA. Allow 4-6 weeks for delivery.

STILL THERE, BUT NO LONGER RADIO PEKING

Thanks to Morris Pfeffer, NY, we learn that as of Jan. 1, 1983, Radio Peking has become Radio Beijing. This change is in line with China's new Romanization of Chinese names and places. We can't complain--the actual change was made in 1979 and they've given us this long to get used to it.

GROVE OFFERS MULTICOUPLER, SCANNER CONVERTER

Grove Enterprises, Inc. now offers a CPL-2 Multicoupler which feeds two receivers simultaneously from one antenna with equal signal strength and flat response from 3-30MHz. Their scanner version is the CPL-1. Either one costs \$14 plus \$1.50 UPS shipping. Their improved 225-400 MHz scanner converter with built-in preamp, designated Scanverter CVR-1B, sells for \$89 plus \$2.00 UPS shipping. Used with a standard aircraft band scanner, it covers the military/federal govt. aircraft band including NASA space shuttle support. Grove's address is 140 Dog Branch Rd., Brasstown, NC 28902.

Ken
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PROGRAM

JANUARY 1983

WOODY SEYMOUR, JR.
P. O. BOX 848
SANFORD, NC 27330

PANORAMA

Welcome to 1983 and another year of Program Panorama! Let's all make a New Year's Resolution to make this year the best yet for SPEEDX.

CHINA (PEOPLE'S REPUBLIC)...Radio Peking will be called Radio Beijing as of January 1983. The spelling of "Peking" was changed to "Beijing" in 1979 when China's State Council decided to use the Chinese phonetic alphabet to Romanize Chinese names and places, but Radio Peking temporarily retained its old name so as to allow time for its listeners abroad to get used to the new Romanization of Chinese names and places. The station has decided that it is time for it to make the change, too. (Thanks to Don Hosmer, MI; Ivan Grishin, ONT; Kraig Krist, VA; Chris Stark, NB for sending information on Radio Beijing)

ECUADOR...HCJB's PASSPORT is a magazine of the air with news, views and interviews from Ecuador and the world. The program is broadcast Mon-Fri @ 1900 UTC to Europe; Mon-Fri local time, Tue-Sat UTC at 0100 and 0530 UTC to North America; Tue-Sat at 1000 UTC to the South Pacific. Some of the features of the program are (days given are for Europe and North America local time--features are on the following day for S. Pacific): Mon Latin American Rhythms, Ecuador Yesterday and Today, Last Week, Science Digest, Short Story; Tue Latin American Profiles, Life at the Equator, Nature Shows the Way, Quito on Mike; Wed Passport Kitchen, South American Tales, NASA(space), Breakthrough Generation, Music Corner; Thu Ecuador Yesterday and Today, The Story Behind the Song, Life at the Equator, Breakthrough Generation, Visiting Ecuador; Fri Each Friday, PASSPORT takes a slightly different form and the PASSPORT team examines some of the pressing issues in the world. There are also other items of information the program. (Thanks to Peggy Thompson, CA; Don McCants, AL; Steve Sienicki, NJ) "I enjoy the program EN LA SALA DE CONCIERTO on HCJB's Spanish Service at 1800-1900 UTC on 15160 kHz. The program has a good balance of classical music." (Charles George, TX)

EGYPT...Radio Cairo broadcasts in English to North America daily from 0200-0330 UTC on 9475 and 12000 kHz. EGYPTIAN MUSIC begins each transmission, except on Fri, when HOLY QURAN is heard at 0202 UTC. NEWS can be heard daily at 0215 and 0315 UTC. Other programs which can be heard are: Sun 0205 ROUND ABOUT 0225 COMMENTARY 0235 THIS IS ISLAM 0245 LISTENERS MAIL; Mon 0205 MAIL CALL 0210 EGYPTIAN SONG 0225 FOCUS 0235 TALK 0245 EGYPTIAN SONG 0250 GLORY OF EGYPT 0300 BETWEEN CAIRO AND WASHINGTON; Tue 0205 MAIL CALL 0210 QUESTIONS AND ANSWERS 0225 SPOTLIGHTS ON THE MIDDLE EAST 0235 EGYPTIAN ARTS AND LITERATURE 0245 EGYPTIAN SONG 0250 EGYPTIAN MUSEUMS 0300 MEET THE EGYPTIAN SCIENTISTS; Wed 0205 TOURISM 0225 COMMENTARY 0235 PIONEERS OF CIVILIZATION 0245 LISTENERS MAIL; Thu 0205 MAIL CALL 0210 QUESTIONS AND ANSWERS 0225 VIEWING WORLD AFFAIRS 0235 READERS CORNER 0245 FROM Papyrus TO PAPER 0300 WOMAN'S MAGAZINE; Fri 0210 EGYPTIAN SONG 0225 EGYPTIAN SONG 0235 SNAP SHOTS 0245 LISTENERS MAIL; Sat 0205 MAIL CALL 0210 QUESTIONS AND ANSWERS 0225 CURRENT EVENTS 0235 HISTORY OF MODERN EGYPT 0245 AFRICAN AND ASIAN MUSIC 0300 STAMP COLLECTORS CLUB 0310 EGYPTIAN SONG. (Kraig W. Krist, VA; Don Hosmer, MI; Ruth Hesch, NY)

Oy. Yleisradio Ab.

FINLAND...Radio Finland broadcasts to the world in English daily at 0930, 1200, 1300, 1400, 1500 and 1930 UTC on shortwave. NORTHERN REPORT begins each transmission except Sat night/Sun morning. Also, you can hear: Mon VOICES OF FINLAND(arts) except ON THE TOWN, one week per month; Tue AIR MAIL(letters from listeners); Wed NORTHERN LIGHTS(lighter view of life in Finland); Thu PERSPECTIVES(discussion); Fri FRESH AIR(physical fitness scene) and POP SPIN(alternating with a Folk music show); Sat COMPASS NORTH(Nordic week in review); Sun SUNDAY BEST. (Ruth Hesch, NY; Morris Pfeffer, NY; Kraig W. Krist, VA)

The Finnish Broadcasting Company Ltd.
HELSINKI FINLAND



FRANCE...Radio France International broadcasts a relay of the East Chain daily to North America from 1155 to 1712 UTC. The programming is in French. Frequencies in use are 17775, 21595 and 21645 kHz. (Steve Sienicki, NJ; Morris Pfeffer, NY; Chris Stark, NB)



GERMANY (FEDERAL REPUBLIC)...Radio Deutsche Welle broadcasts to North America in English daily from 0100-0150 UTC and 0500-0550 UTC. After an opening NEWSCAST, you can hear (all days listed are for local time): Mon-Fri: MICROPHONE ON EUROPE, the daily current affairs magazine featuring comments, press reviews, analyses and reports on events in Germany and Europe; Sat: COMMENTARY OF THE WEEK, POLITICAL REVIEW OF THE WEEK, SCIENCE MAGAZINE and SOCIAL AFFAIRS MAGAZINE (alternating every two weeks), LEARN GERMAN BY RADIO: THE BAUMANN FAMILY; Sun: LETTER FROM BONN/BERLIN, CULTURAL AFFAIRS MAGAZINE, MAILBOX (1st Sun of month), MUSIC PROGRAM. (Lyle M. Taylor, AZ; Chris Stark, NB)

ROMANIA...Radio Bucharest broadcasts to Europe and North America daily in English at 1045, 1300, 1930, 2100, 0200 and 0400 UTC. At 1045, you can hear daily (except Sun) NEWS and INFORMATION. At 1300 UTC you can hear COMMENTARY, SPORTS and MUSIC daily. At 1930 UTC you can hear COMMENTARY and NEWSREEL daily, followed by: Mon YOUTH CLUB, DX PROGRAMME; Tue TOURIST NEWS, FAVOURITE TUNES; Wed ROMANIAN MUSICIANS, LET'S TALK IT OVER, DX MAILBAG; Thu FRIENDSHIP AND COOPERATION, THE SKYLARK, SPORTS MAGAZINE; Fri YOUTH CLUB, DX PROGRAMME; Sat CULTURAL SURVEY; Sun SUNDAY STUDIO. This lineup is repeated 6½ hours later at 0200 UTC. At 2100 UTC, you can hear: Mon PAGES OF HISTORY; Tue ROMANIA TODAY AND TOMORROW; Wed FOCUS ON TOPICAL QUESTIONS/GLIMPSES OF EVERYDAY LIFE; Thu COMMENTARY, LISTENERS LETTERBOX; Fri SCIENCE MAGAZINE, ROMANIA AND THE WORLD ECONOMY; Sat TOURIST NEWS; Sun 7 DAY PANORAMA. This lineup is repeated 7 hours later at 0400 UTC. The 1045, 1300, 1930 and 2100 UTC broadcasts are intended for Europe, while 0200 and 0400 UTC are for North America, but the station has them lumped together in its schedule. (Chris Stark, NB; John Demmitt, PA)

SAIPAN...KYOI is the name of a new station on the island of Saipan in the Pacific. The station was to begin broadcasting American contemporary music to Japan via a 100 kW shortwave transmitter in December. The schedule for the station is (all times UTC): 1500-2200 on 9670, 2200-0100 on 15415, 0100-0700 on 15190 and 0700-1500 on 11900 kHz. Programming will be handled by Drake-Chenault, a major program supplier in American radio. The station will call itself "Super Rock KYOI". "Yoi" roughly translates to "good" in Japanese. (Edited by WS from material found in Review of International Broadcasting #71, pp. 5 & 21; credits to Radio & Records, Dec. 3, via Bob Shrader, TX and Dave Alpert, NY, as well as MARCOM) (This station was heard testing here on December 18. A test tone was heard on 15190 kHz around 0330 UTC. At 0330, an English ID was heard, followed by a continuous tone. The tone continued to past 0400, when I became tired of having it in the background. The signal was weak, but there was no interference on the frequency. This will be an interesting station to look out for. WS)

SWITZERLAND...Swiss Radio International has published their new program guide. This 8-page booklet is available free of charge from SRI. The new English schedule for programs is as follows: Mon-Fri DATELINE; Sat THE GREAT SATURDAY GRAPEVINE (1st and 3rd) or THE SWISS SHORTWAVE MERRY-GO-ROUND (2nd and 4th weeks); Sun BALANCE SHEET (1st week), ROUNDABOUT SWITZERLAND (2nd), SUNDAY SUPPLEMENT (3rd), LET THERE BE MUSIC (4th). The programs are broadcast at 0700, 0900, 1100, 1200, 1315, 1530, 1815, 2145, 0145 and 0430 UTC and last for 30 minutes. (John Demmitt, PA; Ruth Hesch, NY)

USSR...Radio Moscow broadcasts an interview requested by a listener every two weeks on the North American Service. It is scheduled on Sun at 2345, 0145, 0345, 0445, 0645 UTC. Upcoming interviews scheduled are January 2--Aeroflot people; January 16--a pop singer; January 30--Soviet teenagers; February 13--a military officer; February 27--a writer; March 13--a religious activist; March 27--a nurse. (Rick Folla, CA; Loren Thompson, IL; Kraig W. Krist, VA; Don McCants, AL; Chris Stark, NB; Morris Pfeffer, NY; Steve Sienicki, NJ; John Demmitt, PA). See you in February for more USSR information! Good listening! W. J. 12/18/82



TECHNICAL TOPICS

Editor

SANDY BLAIZE

AVC	SSB
AGC	LSB
GAIN	FADE
TUNER	NOISE
IMAGE	Smeter

Send Technical Questions & Technical Material To: ➡

E. V. "SANDY" BLAIZE
417 RIDGEWOOD DRIVE
METAIRIE LA 70001

TV, with AM/FM/SW: Received a clip from an ad of a small 5" TV with AM/FM and shortwave coverage. The Ad does not say what bands, but it might be worth looking into for those who would like such a combination. For more info write BNF Enterprises, Peabody, MA 01960. Catalog number is: 2VL0129. Thanks to Peggy Thompson and John Demmitt for this one.

KENWOOD R-2000: Kenwood has come out with a receiver to compete with the ICOM R70 and the SONY ICF-2001. This set is not meant to replace the R-600 or R-1000. Coverage is 150-30,000 Khz. in 30 bands. VFO's are PLL/digital with 50 Hz. steps (0.05 khz.) readout to the nearest 100 Hz. (0.1 khz.). There are 10 memory channels that store frequency and mode. The memories or the band can be scanned (a boon to you UTE listeners!). Set has DUAL time zone 24 hours clocks and timer. Two built-in selectivity filters with an option for one more. (6khz, 2.7khz and 500 hz.) Modes include AM, USB, LSB, CW and FM. The FM mode might be handy to use in conjunction with a converter for VHF/UHF use. Has built-in noise blanker, loudspeaker etc. Operates from 115/230 volts AC or 12 volts DC. Price??? More data as it becomes available. December 1982 "QST" magazine has details and picture (NO PRICE!)

VIGILANT SR500 SERIES RECEIVERS: Very nice looking 50Khz-30Mhz. REAL communications receivers. strictly commercial quality with the latest state of the art digital techniques. I will not go thru the long description here. (This will be for the exceptionally avid DXer!) Price is in the \$3000-\$5000 price range depending on options. For more information write to: Hamilton Communications Systems Co., Suite 4545, One World Trade Center, New York, NY 10048 (Phone 212-466-1400)

ZX-81/TS1000: Computer buffs will greatly benefit in using their machine if they consider subscribing to the Sinclair/Timex "specialty" magazine: "SYNC" Nothing else is covered, so you don't have to sift thru looking for items and software buried in other things. For more information drop a line to: "SYNC", CN 1986, Morristown, NJ 07960. Say you saw it in SPEEDX.

ICOM R70 RECEIVER: A relatively new receiver. I've not gotten my hands on one to test yet, herewith is the data. 100khz-30mhz. coverage. Reception modes, selectivity options, readout resolution, and noise blanker essentially the same as the Kenwood R-2000 above. The R-70 has no memory or "clock" options. It will also operate from the same power sources as the R-2000. Prices vary quite a bit, so check everyone out before you buy. This set along with the R-2000 above won't be seen at the "super discounters" such as 47th St. Photo. More info as it becomes available.

FOR SALE: Eddystone 830/7 receiver in near mint condition. Covers from 300khz thru 31 Mhz. in 9 bands. Selectivity variable from 12 khz to about 100 hz. (No additional filters needed.) Sensitivity is Exceptional and the set is not "noisy" like a lot of the current sets. Eddystone's last and best tube set. With several sets of spare tubes (new). Your Editor needs a new ham rig and I must sell it to raise the cash. Send SASE for complete data. Will sell by highest bid only. Contact "Technical Topics" editor at address above.

Many thanks to you who sent information on the above receivers. My filing system is "yuk" so whoever you are, I cannot give you "credit" for the info! Nevertheless, many thanks and it is appreciated. I hope there were many happy SPEEDXers after Christmas! Did Santa bring you what you wanted?.... All the best to you all for a happy 1983!! 73 and good DXing

Sandy WSTW

BOLIVIA -- (continued)

- 4739t 0222 R. Mamoré, fading in ever so faintly, w/ local mx run by OM. QRMd by the ARO's, and generally miserable (121; 11/12. Schlesinger, TX)
- 4740 1039 UNID, thought this was Mamoré here but ID seemed unclear. SS vocals (not folk mx) w/ TC's as "hora Boliviana" between each selection. ID by the OM ancr @1042 seemed like he was saying "R. Riberalta informa la hora!" but not sure. Needs more checking (11/28. Lobdell, MA)
- 4755t 0930 R. Emisora Bolivia, various anmts and short talk px until it went poof! and disappeared @0940. Mucho CW QRM/QSB (11/14. Schlesinger, TX)
- 4945 0025 R. Illimani, px of pop mx w/ occasional IDs by YL. Colosal absent (fr; 11/29. Parks, FL) Schlesinger, TX)
- 6025 1039 R. Illimani, Andino mx w/ OM, heavily QRMd by AFRTS @6030 (222; 11/17. /
- 6105 1036 R. Panamericana, playing what one might call "Andino elevator" mx, w/ plenty of IDs and mentions of Bolivia in between (333; 11/17. Schlesinger, TX)

BRAZIL

- 2490 0212 R. Educ. Rural, OM w/ px of light mx, 0219 ID/tlk (232; 11/29. Cucura, PA)
- 3375 0913 R. Nacional São Gabriel, ballad mx, pretty strong Venezuelan touch (443; 11/14. Schlesinger, TX)
- 4785t 0220 R. Ribamar, OM tlk ad infinitum, brief instrumental version of "I've Been Workin' On The Railroad," @0224. CW QRM (332; 11/11. Schlesinger, TX)
- 4795t 0852 R.dif. de Aquidauana, tent. here w/ Brazilian mx and PP om raps, GMT -4 TC, Paraguay-like mx after 0300 GMT, presumed this one per time zone and tip from "World of Radio." Lost @0906 GMT w/ R. Atlantida s/on 4790 (pr/fr; 11/15. Wilczek, IL)
- 4805 0944 R.dif. do Amazonas, formal ID w/ MW and tropical band fqys @0945, mx; (343; 12/1. Huffaker, MEXICO)
- 4815 1002 R.Nac. de Tabatinga, ZY mx, 1033 OM ID (333; 11/30. Tanaka, JAPAN)(0340; 232; 12/5. Cohen, PA)
- 4925 2304 R.dif. Taubaté, pops, OM ancr, frequent mentions of "R.dif. Taubate," (333; 11/14. Wilczek, IL)
- 5025 0853 R. Jornal Transamazônica, OM chat, ID, TC, ZY mx, (232; 11/5. Wilczek, IL)
- 5035 2227 R. Aparecida, OM w/ tlk, ID & ZY tunes (333; 11/21. Cucura, PA)
- 5045 0235 R. Cultura do Pará, fast-talking OM, IDs (444; 11/11. Ray, PA)
- 6125 2256 R. Globo São Paulo, "A Voz do Brasil," station jingle and ID, heavy co-channel QRM; (pr; 11/25. Parks, FL)
- 11780 0829 R.Brás, EZL mx, talk, ID (454; 11/12. Tordoff, CA)
- 15290 0240 R.Brás, EE, mx, OM ID, more mx (444; 11/28. Zolla, CA)(0200; coverage of Reagan visit replaced regular mailbag px; (ho-hum! ch); 454; 12/5. Preston, CA) (0200; 444; 11/8. Clayton, MI)(0200;433;11/8.Pfeffer,NY)(544;11/22.Miller, CA)
- 15445 0125 R. Nacional da Amazonica, OM/YL w/ mx/tlk (433; 12/5. Traver, CA)(2042; 433; 11/19. Ulmer, LA)
- 17815 0130 R. Cultura São Paulo, OM ancr, ID, EZL Brazilian mx (243; 11/22. Stone, ON)
- 17830 0257 R. Brás, EE, nx, Electoral College, sked (433; 11/29. WLA, OH)(*0200; 454; 11/29. Krist, VA)(0200; 454; 11/10. Fraser, MA)(0215;444;11/28.Zolla,CA) (0200;333;11/9. Craig, OH)(0255; 555; 10/19. Cox, LA)(0219; 342; 11/18. Paul,AZ) (0145; 444; 11/23. Ulmer, LA)(0250;433; 11/9. Harrell, IL)(0215; 454; 11/11. Muzyka, NY)

CHILE

- 6080 0931 R. Patagonia Chilena, noted w/ full ID by OM; also gave a phone number, theme song "Patagonia" sung by OM, 1st time noted this early (343; 11/15. Wilczek, 9750 0901; Western pops: "Ebony and Ivory" 333; 11/23. Tanaka, JAPAN) // IL)
- 15150 0025 R. Nacional de Chile, OM, Chile/Paraguay soccer match, many mentions of "futbol" -- good until HCJB QRM @0030 (333; 11/10. Hotaling, NV)(2054; covered by RCI IS @2055; 344; 11/19. Ulmer, LA)

COLOMBIA

- 4865 0403 LV del Cinaruco, OM w/ nx, ads for local bank. Full ID, s/off routine, 0409* (333; 11/19. Gilster, NC)(1020; 444; 11/17. Schlesinger, TX)
- 4875 0523 R. Super de Medellín, LAM mx, ID, ads, OM tlk (343; 12/2. Norman, DC)
- 4915 *1013 Emisoras Armonía Por El Caqueta, new station here first noted 12/2 and since. SS px w/ prayers, ID by OM @1016, requesting input from the Campesinos. Station is located in Florencia, seemed to announce 970 kHz (or 930) plus 4915. Low-keyed format w/ vocals, played a little "Lara's Theme" (from Dr. Zhivago) before and after ID (12/2. Lobdell, MA)(1119; casual religious px w/ mx selections, TC's GMT -5, final anmts over organ waltz w/ canaries 11:34, and marimbas 1137, 232/333; 12/1. Huffaker, MEXICO)
- 4925 0953 Em. Meridiano 70, full ID @1000, long political ad for Aguilar who has an open account in Barranquilla bank, number on request (And we pay \$10 a head more for your vote than our opposition. So remember, vote early and often, folks, and present your ballot card at the First Bank of Barranquilla for your prize. Vote for Aguilar, and get more for your money, and get more money! hi! ch)(343; 12/1. Huffaker, MEXICO)(0436; 232; 12/5. Cohen, PA)

MORE COLOMBIA ON NEXT PAGE.

C O L O M B I A / -- (continued)

- 4945 0736 R. Colosal, SS/EE, phone-in show, folks calling in SS to ask about livestock diseases, etc...those answered by OM in EE w/ ancr translating (444; 11/23. Wilczek, IL)(0610, 333; 10/30. Tordoff, CA)(0300; 222; 11/21. Kobylski, MD)(0127; 444; 11/29. D'Angelo, PA)(0446; 444; 11/21. Schlesinger, TX)
- 5010 0044 R. Surcolombiana, nx px w/ OM, fqy, TODELAR ads, killed just before 0100 by RTTY QRM (242; 11/11. Schlesinger, TX)(0226; 333; 11/24. Ulmer, LA)(0516; 232; 0528*; 11/19. Tordoff, CA)(0427; Cameroun ruined signal w/ low-fqy het @0433; 444; 11/9. Huffaker, MEXICO)
- 5040 0413 R. Cinco, frequent IDs by OM, many ments. of CARACOL. "Esta es R. Cinco, HJLX 1270 kHz, onda larga, 5040 kHz, onda corta, desde Villavicencio, Colombia. R. Cinco, Emisora...a la primera Cadena Radial Colombiana -- CARACOL. CARACOL, Radiodifusión de prestigio." Mostly nondescript LAM SS pop mx, except for a cute version of Jingle Bells entitled "Bella Navidad." (good; 11/25. Lobdell, MA) (0555; 353; 11/18. Tordoff, CA)(0404; ad for Banco de Bogotá, 432; 11/19. Ray, PA) (0800; 343; 11/18. Wilkins, CO)(0602; 443; 11/22. Ulmer, LA)
- 5075 0227 R. Sutatenza, nx by OM, fqys, IDs, ads (454; 11/26. Gilster, NC)(0010; 444; 11/18. Moman, AB)
- 5095 1113 R. Sutatenza, OM w/ LAM mx, TCs, ID (422; 11/18. Thompson, CA)(0140; 433; 11/12. Stone, ON)(0908; 444; 11/26. Ulmer, LA)
- 6035 1012 R. Transamazonica, NA, s/on anmt, full ID & TODELAR mention, ancr was Luís Enrico Ramirez, LAM mx, hetted a bit by 1018 (444; 11/6. Wilczek, IL)
- 6065 0755 R. Super de Bogotá, SAM pop mx, lots of disk jockey, numerous IDs (333; 10/28. Tordoff, CA)(0700; 122; 11/15. Lord, CA)
- 6075 1214 R. Sutatenza, various anmts, including one w/ disco version of "Jingle Bells" (433; 11/19. Schlesinger, TX)
- 6085 *1000 Ondas del Darién, NA, start of ID tape, which halted; restarted, OK this time w/ call, fqs (443; 11/25. Jones, MS) Lord, CA)
- 6150 0630 LV del Huila, orchestral mx w/ OM vocalist and much percussion (233; 11/15 / 9635 2059 R.dif. Nacional de Colombia, classical mx, "Desde Bogotá, transmite la Radio-difusora Nacional de Colombia, estación HJND, 570 kHz onda media," after 3 chimes. (343; 11/25. Ulmer, LA)

E C U A D O R /

- 3220 0353 HCJB, OM w/ nx, ID, bad QRN, into EZL mx (332; 11/10. Gilster, NC)
- 3316 0119 R. Pastaza, OM DJ, LAM mx, TCs, IDs between selections (242; 11/11. Huffaker, MEXICO)(0105; pr/fr; 11/10. Parks, FL)
- 3325 1031 Ondas Quevedefñas, special OM tlk on "Banco Nacional," (422; 11/11. Wilczek, IL)(1005; "Ondas Quevedefñas en todo el territorio nacional," 322; 11/20. Wilkins, CO)(0835; 444; 11/17. Huffaker, MEXICO) 11/12. Cucura, PA)
- 3380 1046 R. Iris, TC twice, bank ad, ID (443; 11/24. Ulmer, LA)(0426; 0435*; 333; / 3395 0321 R. Zaracay, mostly non-stop vocals w/ one ID by OM. Surprisingly strong (353; 11/9. Gilster, NC)
- 4655 1133 CRE, OM tlk, many mentions of San Martín, bank ads, (232; 11/18. Thompson, CA) (2356; 333; 11/17. Moman, AB)(0235; 443; 11/19. Ulmer, LA)(0149; 333; 11/9. Gilster, NC)
- 4680 0425 R. Nacional Espejo, medley of LAM vocals w/ yipping, yells connecting songs. ID by OM (353; 11/9. Gilster, NC) singer, TX)
- 4795 0105 LV de Los Caras, series of talk px w/ OM/YL, terrible het (332; 11/11. Schle-
- 4819.7 0853 R. Paz y Bien, classical mx to 0906 NA, 0909 OM w/ s/on, px summary; (322; 11/13. Wilkins, CO)(0925; px "Amanecer Andino," 344' 11/5. Wilczek, IL)
- 4870 *1033 R. Rio Amazonas, Indian, long choral NA, short interlude of very primitive flute mx foll'd by guitar mx. Anmt w/ ID @1040 (443; 11/16. Jones, MS)
- 4890 0409 R. Centinela del Sur, "Super Si" px of mx, "ritmo joven," full ID: "Transmite de la ciudad de Loja en la República de Ecuador, R. Centinela del Sur en sus frecuencias de 1210 kHz onda media y 4890 kHz onda corta," s/off w/ NA (444; 11/15. Huffaker, MEXICO)(0348; 353; 11/19. Gilster, NC)
- 4920 0435 R. Quito, Andean mx, anmts in SS, s/off w/ "Indian Love Call" w/ whistled melody @0456; (333; 10/31. Tordoff, CA)(0240; 443; 11/11. Schlesinger, TX)
- 4960 0213 R. Federación, ID, fqy, ancr w/ echo talk (342; 11/24. Ulmer, LA)
- 4995t*0002 R. Baha'í, IS, then px of vocals and guitar mx. Very weak throughout so could not get ID (12/3. Lobdell, MA)(0348; IDed as: "R. Baha'í, fqys. 1420 onda media, 4990 onda corta." HC NA foll'd by an electronic tone pattern to 0402; 343; 12/4. Huffaker, MEXICO)
- 5014 1012 Escuelas Radiofónicas Populares, IDs by OM/YL "Escuelas Radiofónicas del Ecuador," heavy UTE QRM (423; 11/25. Jones, MS)(0128; fr; 11/29. Parks, FL)
- 6050 0210 HCJB, several IDs, OM ancr, (444; 11/12. Stone, ON)
- 9720 0714 HCJB, EE, request for letters, then "Bible Study" px (433; 11/22. Leonard, ME) (0700; 555; 11/28. Wieboldt, FL)
- 9745 0545 HCJB, EE, OM ID, Passport px, mx of Ecuador, // 6095 (444)(344; 12/1. Preston, CA)(0300; 454; 11/14. Zolla, CA)(0500; 422; 11/25. Leonard, ME)(#0230; 433; 11/21. Krist, VA)
- 11900 *2200 HCJB, Quechua, Andean mx, burying Turkey (232; 11/6. Schlesinger, TX)

ECUADOR -- (continued)

- 11915 0548 HCJB, EE, talk about fuel-efficient programmable airplane capable of flying into outer space (Why would anyone want to go there?? They'd just have to come back! ch)(433; 11/25. Leonard, ME)(0635; 444; 11/15. Miller, CA)
- 15155 0230 HCJB, EE, DXPL, (454; 11/16. Hosmer, MI)(0300; 434; 11/14. Miller, CA)(0230; station went off-air 8 times or so; 554; 11/1. Hesch, NY)(0230; 444; 11/2. Sienicki, NJ)(0230;544;11/9.Hill,SC)(0230;444;11/7.Krist,VA)
- 17825 2130 HCJB, EE, DXPL, to Europe (232; 11/20. Wilkins, CO)
- 17865 1750 HCJB, EE, usual religious px, much QSB (442; 11/6. Schlesinger, TX)
- 17885 0108 HCJB, EE, Passport, Living New Testament (454; 11/10. Fraser, MA)(0050; 544; 11/11. Hill, SC)(0119;555;11/22.Krist,VA)
- 21477.5 *2129 HCJB, EE, DXPL, 2159* (444; 11/8. Krist, VA)(2130; 555; 11/21. Card, RI)
- 26020 2140 HCJB, EE, Clayton/Helen Howard on DXPL, (233; 11/20. Stone, ON)

FALKLAND ISLANDS -- FIBS

- 2370c 0037 EE-speaking ancr w/ rock/disco mx. The name of one of the rock songs played may have been: "The Best Years of our Life." -- though, as luck would have it, the other songs heard were unrecognizable. No identification heard because the male ancr's voice was too muffled and weak to understand. The signal was best between 0050-0110. It sounded as though the station sign-off was at 0132, though the signal was too weak at this time to be certain. (12/5. Gavaras, MN)
- 2370 0032 Tune-in w/ rock mx px, hosted by OM/YL in EE. Title was "25 Years of Rock," part of a series; this segment seemed to be from 1970-2 and included songs by Santana ("Black Magic Woman,") Rod Stewart ("Maggie May,") and Led Zeppelin. Requests for requests heard @0050 by OM as "...working man...requests...your record by Wednesday. Requests, FIBS, Stanley...requests local radio or BF air stations around the world...FIBS, Stanley." That anmt was taped. Live ID by OM @0051 "... Falkland Islands Broadcasting Station...10 minutes to 10 o'clock." Then played song entitled "Tell Laura I Love Her." Into apparent radio drama around 0100 to fade out @0121 (11/25. Lobdell, NJ)

FRENCH GUIANA -- FR3, Cayenne

- 3385t 0104 FF, OM t1k, Cayenne presumed (322; 11/18. Moman, AB)(0230; local pops w/ strong emphasis on the Africans; 342; 11/21. Schlesinger, TX)(0303*; s/off anmts, NA, IS, 0304 out; 353; 11/21. D'Angelo, PA)(0234; 333; 11/14. Gilster, NC)
- 5055 0055 FF, t1k, 0104 NA, 0105 guitar IS, 0106 continuous tone to 0110 (233; 11/15. Hosmer, MI)(*0900; 333; 11/18. Wilkins, CO)

GUYANA -- GBC

- 5950 0920 Channel 2, EE, Hindi px in EE to 0930, ID, ad, then mx (322; 11/21. Hosmer, MI)

PARAGUAY -- Radio Nacional de Paraguay

- 11914 0023 OM reading names of correspondents, to ID @0024, local pops. Very noisy (323; 11/19. Schlesinger, TX)(0945; 433; 11/6. Duncan, NC)

PERU

- 3230 0947 El Sol de los Andes, flute mx, vocals, nice ID @1000 foll'd by OM (gd; 11/24. Barto, CT)
- 3240 1031 R. America, ID, nx (222; 11/13. Jones, MS)(1028; fr; 11/20. Barto, CT)
- 4300t 0154 R. Moderna, very faint SS here, TBC and FRENDX have Moderna here (pr; 11/18. Moman, AB)
- 4790 0334 R. Atlantida, OM w/ rapid-fire talks between disco mx selections (I've never heard one disco music selection talking to another...must be interesting. ch) (333; 11/24. Gilster, NC)(2320; 333; 11/17. Moman, AB)(1055; ads for Inca Kola; 232; 11/20. Tanaka, JAPAN)
- 4815 0948 R. Amazonas, Folklorica mx, 0954 OM TC/ID, f/o in favor of Tabatinga, (222; 11/30. Tanaka, JAPAN)
- 4885 1029 R. Huancavelica, only heard "Huancavelica" and "Buenos Días" over Peruvian mx and bad line noise (252; 11/26. Jones, MS)
- 4935 1057 R. Tropical, 15 minutes (until tune-out) of Tarapoto ads, casual ID @1104; (333; 12/1. Huffaker, MEXICO)(1023; gd; 11/24. Barto, CT)
- 4996 0933 R. Andina, huaynos, OM ancr, TCS, IDs, plug for appliance store in Huancayo, often heard "El Condor Pasa" theme, all in "Nuestro Amigo" px (333; 11/11.Wilczek, TX)
- 5035 1009 R. Imagen, various LAm pops, ID by OM @1011. Not too bad this AM; // IL) (332; 11/8. Schlesinger, TX)
- 5045 1106 R. Rioja, tropical mx, Honda ad, 1117 ID by OM (322; 11/26. Tanaka, JAPAN)
- 5112 *0948 R. Eco, NA, many "Eco's in echo chamber, nondescript OA mx, (343; 11/20. Wilkins, CO)(1120; 342; 12/1. Tanaka, JAPAN)
- 6060 1003 R. JSV, tune-in w/ yippy Andean huaynos, nice quena selections. Quick ID by OM w/ TCs between selections, covered by carrier @1033 (11/5. Lobdell, MA)(1010; pr; 11/24. Barto, CT; *1014) 11/5. Wilczek, IL)
- 6190 1102 R. Oriente, NA, ID, OM t1k, full ID w/ onda media/corta fays, campo mx (222; 6195 1027 R. Cusco, ID, Buenos Días, Peru; (322; 11/13. Jones, MS)
- 6724 0158 R. Satellite, tune-in w/ talk by YL w/ many mentions of Santa Cruz, YL ID @ 0204 "Atención Santa Cruz, Atención, R. Satellite" OC covered @0229 (11/28 Lobae11, MA)

URUGUAY

venor, CA)

11835 2340 R. El Espectador, tangos, plenty of ads between selections (222; 11/11. Gros-

VENEZUELA

- 3225 0338 R. Occidente, LAM mx select., lengthy s/off anmt w/ flutes in background; NA; 0351* (333; 11/10. Gilster, NC)
- 3255 0219 LV de El Tigre, much tlk (sounded like a political meeting), ID @0230; ID "R 980" in early AM (342; 11/12. Huffaker, MEXICO)(0308; 232; 11/19. Gilster,NC)
- 3275 0440 R. Mara, request px of LAM tunes, IDs, s/off anmts, 0508* (333; 11/19. Cucura, PA)(0441; 333; 11/22. Cohen, PA)(0336; 0355*; 353; 11/9. Gilster, NC)
- 4760 1015 R. Frontera, guitar vocals, full listing of fqys @1029: "Esta es la señal de San Antonio...venezolana, YV00 1140 kHz, onda larga; YVPP, 4760 kHz en onda corta, y YV... 104.1 MHz en frecuencia modulada"; (11/17. Lobdell, MA)(1034; 323; 12/1. Huffaker, MEXICO)
- 4770 0237 R. Mundial Bolivar, usual LAM songs, jingle IDs, tons of ads, "Aniversario de Mundial Bolivar," (maybe they'll get some QSL cards now!)(232; 11/2. Wilczek,IL)(0055; 433; 11/28. Ulmer, LA)(0208;454;11/9.Gilster,NC)
- 4780 0919 LV de Carabobo, ID @0919, pops (322; 11/26. Halbert, CA)(0318; 0355*; 444; 12/5. Kobylski, MD)(0310; 333; 11/12. Gilster, NC)
- 4800 0100 R. Lara, IDs, TC, tkl of "los venezolanos primero," mx (433; 11/28.Ulmer,LA)(0342; 433; 11/16. Gilster, NC)
- 4830 0928 R. Tachira, endless talk, promos, ads. Choral ID, then into pops (322; 11/26. Halbert, CA)(0003; 444; 11/16. Huffaker, MEXICO)
- 4840 1034 R. Valera, ID, TC, ads, het w/ another station on fqy (333; 11/26. Jones,MS)(0136; 444; 11/29. D'Angelo, PA)(0212; 333; 11/21. Kobylski, MD)(0839; "paranda" px of live mx; 344; 12/1. Huffaker, MEXICO)
- 4900 1058 R. Juventud, ID @1058, finally a clear and sensible ID on this station, audible all night and into early AM (454; 11/16. Yost, MI)(1034; Ray Conniff Singers; no wonder they're opposed to U.S. cultural imperialism; 444; 11/8. Schlesinger, TX)(0122; 444; 11/26. Ulmer, LA)
- 4970 0443 R. Rumbos, Rumba City, doing just fine (444; 11/21. Schlesinger, TX)(0455; 433; 11/26. Ulmer, LA)(0456; 0501*; 433; 10/31. Tordoff, CA)
- 4980 0933 Ecos del Torbes, novelty mx, plus Carmen Miranda-esque stuff, too (323; 11/26. Halbert, CA)(0220; 444; 11/24. Ulmer, LA)(0200; 433; 11/20. Stone, ON)
- 4990 0107 R. Barquisimeto, U.S. pop mx (Smokey Robinson), ID @0116; (433; 11/13. Drollinger, WI)(0051; 423; 11/14. Sable, NY)
- 5030 0350 R. Continente, SAM mx, amnts, numerous IDs (333; 10/31. Tordoff, CA)(*0900; 443; 11/8. Schlesinger, TX)
- 6120 2158 R. Angostura, OM w/ YV news, mentioned Ciudad Bolivar, ID for R. Angostura and presumed 2206* (fr/pr; 11/18. Parks, FL)(0945; 322; 11/17. Wilkins, CO)
- 6128 2304 R. Valles del Tuy, OM in SS, some instrumental mx, ID, 2313* (fr; 11/25. Barto, CT)(2342; 2353 buried by carrier; 232; 11/6. Schlesinger, TX)
- 9530 0300 Radiodifusión Nacional de Venezuela, NA, OM w/ clear ID, QRM from RCI (434; 11/28. Zolla, CA)(0309; 333; 11/23. Hotaling, NV)
- 9660 0000 R. Rumbos, chimes, amnts, "Radio Rumbos Música," IDs (322; 11/22. Craig,OH)(1053; nx by 2 Oms w/ Rumbos chimes; 555; 11/18. Yost, MI)

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NORTH AND CENTRAL AMERICA

ANTIGUA

- 6175 0017 BBC, EE, nx (544; 11/11. Thompson, CA)(0500; 422; 11/11. Leonard, ME)
- 9545 0500 DW, EE, nx, Microphone on Europe show, selection of Andropov discussed (444; 11/13. Sienicki, NJ)
- 11785 0217 DW, sx px, (433; 11/19. Ulmer, LA)
- 15410 0000 DW, GG, German nx/mx (444; 11/23. Sienicki, NJ)(0130;344;11/22.Miller, CA)

BELIZE -- R. Belize

- 3285 0416 EE, U.S. pops, (Neil Diamond, Kenny Rogers, Otis Redding), numerous time checks w/ ID @0438 (233; 12/5. Drollinger, WI)(1141; 433; 11/23. Ulmer, LA)(0135; report on status of local bank; 222; 11/9. Gilster, NC)(0037; 222; 11/7. Moman,AB)

CANADA

- 5960 *0200 RCI, EE, nx, wx, (555; 11/15. Krist, VA)(2300; 444; 11/21. James, NC)(0100; 544; 11/22. Muzyka, NY)(2330; 555; 11/11. Krist, VA)(0427; 422; 11/11. Leonard, ME)
- 6005 1200 CFCX, Montréal, EE, ID, nx, wx, ads, (322; 11/12. Norman, DC)(0945; 322; 11/19. Lucas, CA)(1235; end of bus strike in St. John, NB, 444; 12/6. Drollinger, WI)(2246; 11/17. 232; Moman, AB)(1417; 343; 11/10. Leonard, ME)
- 6065 1315 CBCNQSWS, EE, IDs, nx in EE, probably Crge px; 15° c in November -- brrr! (I hate to tell you this, but 15° C is about 62° F -- Not brrr -- by no means! ch) (344; 11/12. Norman, DC)(1313; 444; 11/18. QRM is Mother Vaccuum; Leonard, ME)
- 6070 1330 CFRX, Toronto, EE, nx, 1330, Wx - blizzard in Northern Ontario; (11/12. Norman, DC)(1805; 353; 11/26. Ray, PA)(1225; CFRX ID, 434; 12/6. Drollinger,WI)(2247;222;11/17.Moman,AB)(1426;333;11/18.Leonard,ME)

C A N A D A / -- (continued)

- 6120 2338 BBC, EE, look at a U.S. comedian on Meridian, nx, (433; 11/13. Krist, VA)
 6130 1130 CNHX, Halifax, EE, ID, nx, country mx, (11/29. Norman, DC)(1202; 333; 11/22. Drollinger, WI)(1407; 431; 11/18. Leonard, ME)
 6140 0600 RCI, FF/EE, IS to s/on, "Program to Canadians Abroad," (444; 11/22. Leonard, ME)(0600; 354; 12/1. Preston, CA)
 6195 0527 CBCNQSWS, EE, C+W mx (555; 11/22. Philip, BC)(0235; 423; 11/20. Lord, CA)
 9535 0318 RCI, EE, explanation of vampires and werewolves, 0330* (455; 11/28. Zolla, CA)(0215; 333; 11/7. James, NC) mitt, PA)
 9590 2330 BBC, EE, Opera mx on Don Juan and his ways with the YL's (555; 11/14. Dem-/
 9625 1531 CBC, EE, a look at the Canadian auto industry, item on french fries; (454; 11/7. Krist, VA)(1355; 444; 11/13. Peterson, CT)
 11720 1530 CBCNQSWS, EE, Royal Canadian Air Farce show, (444; 11/13. Sienicki, NJ)(1500; 333; 11/21. Wettersten, OH)
 11845 0300* RCI, EE, IS, ID, OM w/nx (544; 11/9. Duncan, NC)
 11850 0100 RCI, EE, nx, wx, sx, (544; 11/9. Harrell, IL)(2338; 544; 11/12. Manning, TX)
 11940 *0200 RCI, EE, nx, item on keeping Canada's industry separate from that of the U.S., item on tuna breeding; (544; 11/14. Krist, VA)
 11945 *2129 RCI, EE, African service, SWLD, (544; 11/13. Krist, VA)
 11955 1500 RCI, EE, nx (fair; 11/28. Hubbard, OH)
 15150 2140 RCI, EE, SWLD, (444; 11/13. Peterson, CT)
 15190 2348 RCI, discussion (343; 12/4. Traver, CA)
 15325 1900 RCI, EE, weekend magazine px, accents of Canada, (544; 11/28. Alexander, NC)(2130; 555; 11/20. Hosmer, MI)(*2129; 444; 11/20. Krist, VA)(2135; 444; 11/13. Sienicki, NJ)
 17820 1806 RCI, EE, discussion of earth stations, //15260 not heard; //nicki, NJ)(343; 11/6. Schlesinger, TX)(1655; 555; 11/17. Peterson, CT)
 17875 *2129 RCI, EE, SWLD, (555; 11/6. Krist, VA)(2140, 444; 11/13. Kobylski, MD)(2130; 544; 11/6. Hill, SC)(1745; 444; 11/27. Langlois, GA)

C O S T A R I C A /

- 4832 0437 R. Reloj, OM DJ w/ light LAM pops, mixed w/ TCs, ads, frequent IDs (343; 11/10. Gilster, NC)(0420; 444; 11/17. Hubbard, OH)
 5055 0357 TIFC, Faro del Caribe, EE, ID, s/off anmts, NA, 0358* (343; 11/21. Hosmer, MI)(0636; 444; 10/30. Tordoff, CA)
 6006 0913 R. Reloj, ID, TC, mx, (454; 11/26. Ulmer, LA)(0605; newspaper review (Periódicos del Reloj), ID, requests, TCs (344; 11/3. Tordoff, CA))

C U B A /

- 6020 0630 RHC, EE, OM/YL, international nx (434; 12/2. Preston, CA)
 6060 0230 RHC, YL/OM, contemporary mx, ID (444; 11/3. Langlois, GA)
 9610 0118 RMoscow, EE, item on U.S. elections, report on Poland, (544; 11/10. Krist, VA)
 11725 0648 RHC, EE, Bolivian economic recovery, U.S. 3rd world investment (433; 10/17. Wettensten, OH)
 11760 0601 RHC, EE, more propaganda against U.S., (444; 11/8. Leonard, ME)(0340; 555; 11/14. Zolla, CA)(1335; 444; 11/11. Norman, DC) Schlesinger, TX)
 11840 1400 RMoscow, EE, anmt of Brezhnev's death, very official and boring (444; 11/11. /
 11950 2009 RHC, EE, s/on, feature on International Student Day (323; 11/17. Manning, TX)
 15300 0300 RHC, EE, LV, interview w/ ballet critic, Jean King from UK (555; 11/22. Coleman, MA)
 15365 0120 RHC, EE, sx, ID, // 11930 until 0126* abruptly (233; 11/18. Berri, CA)
 15385 0300 RMoscow, EE, IS, nx, (333; 11/22. Miller, CA)
 17705 0043 RHC, nx w/ OM/YL ancrs; (233; 11/25. Lord, CA)

D O M I N I C A N R E P U B L I C /

- 6049 2302 R. Santiago, EZL mx, 2 OMs, ID @2314, suddenly died @2316 (432; 11/11. Schlesinger, TX)(6048; 1134; ID, meter band given, TC, several vocal selections, station off from 1147-1150 then on again; very good; 11/27. Barto, CT)
 11700 0212 R. Clarin, sx event w/ 2 OMs, baseball? (433; 12/5. Traver, CA)(1910; 444; 11/19. LV del CID over Clarin; Ulmer, CA)(0026; LV del CID; 444; 11/19. Schlesinger, TX)(0100; 433; 11/21. Hotaling, NV)(0030; 444; 11/25. Hill, SC)(2340; LV del CID; funny comedy sketch about Castro beginning w/ "Looney Tunes" theme mx; 333; 12/1. Thompson, CA)(2200; LV del CID; 332; 11/25. Lucas, CA)

G R E N A D A / -- Radio Free Grenada

- 15045 2341 EE, featuring the mx of St. Lucia; IDs as "R. Free Grenada" and "The Voice of the Revolution," ancrs for "International Students' Day" on 11/17 and for a National Table Tennis championship. Very good signal w/ some QSB and UTE QRM (11/13. Gavaras, MN)(2244; somebody found Egan Williams' lunch box; 443; 11/9. Jones, MS)(1915; 433; 11/10. Langlois, GA)(2231; U.S. "Coca-Cola Culture" impact on the Caribbean; 433; 11/20. Drollinger, WI)(2140; 433; 11/11. Hill, SC)(2236; Hotel California" on marimbas, 353; 11/26. Grijalva, AZ)(2202; 343; 11/27. D'Angelo, PA)(0028; 444; 11/9. Harrell, IL)(2140; 333; 11/22. Hosmer, MI)(2126; 354; 11/20. Tordoff, CA)+1
 15104 2106 EE, local pop mx, PSA's, birthday greetings (333; 11/19. Ulmer, LA)

G U A T E M A L A /

- 3300 0400 R. Cultural, fqys, etc. by OM, then into "New Life" px, all in EE; (333; 11/18. Moman, AB)
- 3325 0414 R. Maya de Barillas, LAm pop tunes, ads, ancmts 0424 OM w/ ID, covered by UTE @0432; (333; 11/19. Cucura, PA)(0414; 333; 11/22. Cohen, PA) Moman, AB)
- 3360 1159 LV de Nahuala, local mx, TC, ID (423; 11/23. Ulmer, LA)(1159; 333; 11/18. /
- 3370t 0145 R. Tezulutlan, faint SS here, Nov FRENDX has this here as a new fqy; (322; 11/18. Moman, AB) Gilster, NC)
- 3380 0304 R. Chortis, OM w/ s/off anmts, marimbas in background, 0307* (312; 11/14. /

H O N D U R A S /

- 4780 1142 R. Juticalpa, OM/YL station promos, ad for concert, Mexican vocals (433; 11/16. Thompson, CA)(1129; tropical mx, ads @1201, "Desde Olancho, emisora de Centroamerica, transmite R. Juticalpa, 4780 kHz onda corta, 1250 kHz onda media, 98.9 MHz FM" ID, 222; 11/16. Tanaka, JAPAN)(2245; 2318*; gd; 11/9. Parks, FL)
- 4820 0148 HRVC, LV Evangelica, soft instrumentals "How Can You Mend a Broken Heart?" (Try a Jarvik-7. ch)(333; 11/29. D'Angelo, PA)(0315; 323; 11/20. Lord, CA)(0310; 444; 11/22. Ray, PA)(0438; 343; 11/27. Tordoff, CA)
- 4890 0236 R. Lux, NAM-style Top-40. Fading, w/ some CW QRM (332; 11/19. Schlesinger, TX)
- 6000 1110 El Eco de Honduras, tune-in w/ SS campesino mx, frequent ads for pantalones, ID as "R. Variedades." Slow fade to 1200 f/out (fr; Lobdell, MA)(1114; very campo px; roosters, ranchera mx, rural all the way. Mentions of "RVariedades" and frequent TCs, GMT -6; 332; 11/16. Jones, MS)(0343; jammer on fqy; 422; 11/11. Huffaker, MEXICO)(0216; 433; 11/7. Schlesinger, TX)(0958; inspirational message; 444; 11/15. Wilczek, IL)(1230; gd; 11/6. Parks, FL)(1130; 12/7. Barto, CT)

M E X I C O /

- 2390 0025 R. Huayacocotla, Mexican pops, rock hosted by YL, ID by OM @0035; (fr; 11/30/ Parks, FL)
- 6115 2302 R. Universidad, classical guitar px, ID by MW/SW fqys (343; 11/1. Tordoff, CA)
- 11770 0030 R. Mexico Internacional, OM/YL anmts over theme mx from "2001." (343; 11/16. Craig, OH)(0145; mailbag px; 333; 11/11. Grosvenor, CA)(0225; 422; 11/19. Ulmer, LA)
- 15430 0100 R. Mexico Internacional, EE, Mexican mx, talk on cowboys and rodeos; (343; 11/17. Ulmer, LA)

N E T H E R L A N D S A N T I L L E S /

- 6165 0250 RN, EE, Media Network (544; 11/26. Hill, SC)(0251; Media Network; frequency management; 443; 11/12. Demmitt, PA)(0250; 11/18. Paul, AZ)(0430; 433; 11/25. Leonard, ME)(0250; 544; 11/19. Hill, SC)(0023; 544; 12/3. Alexander, NC)
- 9590 0249 RN, EE, "Media Network" (555; 11/19. Hosmer, MI)(0300; 10 Days in Atlanta, GA; 544; 11/24. Stone, ON)(0325*; 555; 11/14. Zolla, CA)(0245; 444; 11/12. Manning, TX)
- 9715 0551 RN, EE, Newsline, political cmt (444; 11/6. Leonard, ME)(*0530; 555; 11/11. Krist, VA)
- 9755 0515 TWR, EE, hymns, followed by cmt and mailbag; (423; 11/10. Leonard, ME)(0714; 444; 11/26. Miller, CA)(0621; 232; 11/26. Ruckman, OH)
- 9770 0730 RN, EE, Media Network (555; 11/18. Wieboldt, FL)
- 11815 1157 TWR, EE, "Morning Sounds" px ends, "Back to the Bible" px (443; 11/16. Thompson, CA)(1110; 455; 11/14. Peterson, CT)(1115; 444; 11/23. Kobylski, MD)
- 15315 0046 RN, Dutch, OM w/ nx, sx, (343; 12/5. Traver, CA)
- 17695 2031 RN, EE, current affairs (354; 11/25. (??? - can't read!), CA)(2050; 433; 11/18. Leonard, ME)(2030; 554; 11/14. Fraser, MA)
- 21685 *2030 RN, EE, "Current Affairs", Media Newtork (454; 11/11. Krist, VA)

N I C A R A G U A /

- 5955 0515 LV de Nicaragua, EE, ID, nx by YL/OM, ID: "This is the Voice of Nicaragua in the 49 meter band," into SS/mx @0520 GMT (433; 11/21. Carlson, WA)(0417; EE; 333; 11/17. WLA, OH)(0312; 0320 into SS; 433; 11/18. Moman, AB)(0312; 433; 11/22. Grijalva, AZ)(0517; 444; 11/14. Winkelman, OK)(0315; EE nx; 0326 back to SS; 423; 11/14. Schlesinger, TX)(0513; 533; 11/18. Paul, AZ)(0316; 532; 11/14. Ulmer, CA)(0118; "The International Voice of Nicaragua," 343' 11/29. D'Angelo, PA)
- 6120 1212 R. Zinica, nx read by OM, occasional remotes; hets; (443; 11/19. Schlesinger, TX)

U N I T E D S T A T E S O F A M E R I C A /

- 5985 0345 VOFC via WYFR, EE, px on poetry (433; 12/7. Duncan, NC)(0315; talk about cranes; 544; 11/9. Harrell, IL)(0440; 555; 11/21. Schlesinger, TX)(0338; story of the Ginseng Hunter; 555; 11/12. Demmitt, PA)
- 5995 0130 VOA, EE, nx, science px in special English (554; 11/27. Fraser, MA)(0522; 544; 11/9. Leonard, ME)
- 6030 0109 AFRTS, EE, UPI, NBC nx, service-related ads, CMB nx (555; 11/29. Krist, VA)(0506; UPI/NBC @0511, 0517 CBS, 0524 Sports Page, 0530 TC but no ID, (433; 11/8. Leonard, ME)(1025; 444; 11/17. Schlesinger, TX)(0100; WV-Rutgers game instead of the President's News Conference; 555; 11/12. Demmitt, PA)

UNITED STATES OF AMERICA / -- (continued)

- 6040 0504 VOA, EE, nx, shuttle landing site rained on, (312; 11/11. Leonard, ME)
6060 0607 VOA, EE, world nx followed by a promo for "Issues in the News" @0611, then Allen Silverman w/ the Breakfast Show (422; 11/14. Leonard, ME)
6065 0130 WYFR, Unshackled" px in EE, mx, Bible quiz px (444; 11/17. McCants, AL)
6080 0614 VOA, EE, mx by Michael Jackson on the Safari Wakeup show (433; 11/22. Leonard, ME)
6125 0602 VOA, EE, nx, followed by ID/mx, African Service (544; 11/22. Leonard, ME)
6155 0459 WRNO, EE, some interview show, "Off The Record," brought to you by Michelob (422; 11/8. Leonard, ME)(0345; non-stop rock; 434; 11/19. Norman, DC)(0215; 76; 555; 11/12. Demmitt, PA)(0211; 444; 11/4. Ulmer, LA)(0340; 534; 12/7. Duncan, NC)(0330; 444; 11/22. McCants, AL)
9530 0706 VOA, EE, nx, "Sound of Soul," (322; 11/22. Leonard, ME)
9590 *0900 AFRTS, EE, UPI nx, NBC, CBS, Sports Page; (444; 11/13. Krist, VA)
9640 0029 Voice of the OAS, EE, IS, ID (544; 11/4. Ulmer, LA)
9640 0030 UN Radio, IS, ID, fqys (544; 11/4. Ulmer, LA)
9670 0547 VOA, EE, mx from Kim Carn's album "For You" (423; 11/6. Leonard, ME)
9770 0626 VOA, EE, interview about the "New Honda," xmitter went off air returning 1 minute later with continuation of interview (433; 11/7. Leonard, ME)
11740 0200 VOFC via WYFR, EE nx, cmt at twice normal speed, repeated at normal speed after (To allow one to take down what one missed the first time, eh? ch)(11/26. Grishin, ON)(2330;555;11/8. Duguay, MA)
11790 0336 AFRTS, EE, Arizona State vs. Arizona football game, U of A wins 28-18; Arizona State loses bid for Rose Bowl, goes to Fiesta Bowl; (555; 11/28. Grijalva, AZ)(0559; 0600*; 433; 11/22. Leonard, ME)
11830 0010 VOA, talk by YL, New York, New York mx (444; 12/2. Miller, CA)
11890 2220 WRNO, EE, ad for MFJ Indoor Antenna, Saints vs. 49ers Football; went to 11965 @0000 (555; 11/28. Krist, VA)(2245; 444; 11/24. Fraser, MA)(2334; WOR; 444; 11/7. D'Angelo, PA)(2330; 444; 11/14. Hosmer, MI)(2315; 444; 11/14. Kobylski, MD)(2230; fr; 11/15. Hubbard, OH)
11965 0110 WRNO, EE, Topol Tooth Polish ad, (555; 11/15. Stone, ON)(0111; relay of WRNO-FM, Beer, record album ads, 555; 11/14. Krist, VA)
15005 0033 VOA, EE, item on US and the International Atomic Energy Agency on "U.N. Summary of Events," (454; 11/22. Krist, VA)
15215 1533 WYFR, EE, religious px, (444; 11/22. Leonard, ME)(1611; "Open Forum: How Far Can You Go On The First Date?" 555; 11/20. Wimmers, VA)
15240 0401 VOA, EE, ID on the hour, a look ahead at what will be covered later in the news (333; 11/15. Leonard, ME)
15245 1930 WRNO, EE, Voice of Jazz, (545; 11/2. Langlois, GA)
15280 2145 KGEI, The Voice of Friendship, EE, Billy Graham and then mx; (232; 11/28. Taylor, MD)(0010; 454; 11/14. Kobylski, MD)(2240; 323; 11/8. James, NC)
15330 0048 AFRTS, EE, ad for moving service people, (454; 11/22. Krist, VA)(1530; 433; 11/22. Leonard, ME)(1700; 544; 11/6. Schlesinger, TX)(1350; 555; 11/13. Peterson, CT)(2315; 555; 11/8. Duguay, MA)
15355 2010 WRNO, EE, Saints football, ads, (444; 11/21. Grijalva, AZ)
15365 1825 WYFR, Bible Study on Book of Ruth, Insight px (444; 11/18. McCants, AL)
15410 1606 VOA, EE, nx, Nightline Africa (433; 11/22. Leonard, ME)(1840; 454; 11/6. Leonard, ME)
15420 1836 WRNO, FF, top-50, QSB. (Schlesinger, TX) (Schlesinger, TX)///
15430 1559 AFRTS, EE, AP Net nx (433; 11/22. Leonard, ME)
15440 1725 WYFR, EE, Bible reading, fellowship (443; 11/26; (Glavicj, ??)
17640 0107 VOA, EE, New Horizons (454; 11/22. Krist, VA)
17730 0042 VOA, EE, Report to the Americas px (454; 11/13. Krist, VA)
17765 0515 AFRTS, EE, NBC/CBS/Sx Page; (353; 11/26. Moore, TX)
17780 2100 VOA, EE, Jazz Hour ends (444; 11/9. Leonard, ME)
21835 1630 VOA, EE, Country Mx USA; (443; 11/26. Thompson, CA)
21840 1840 VOA, EE, economics discussion (454; 11/7. Krist, VA)
26040 2012 VOA, EE, Nightline Africa (454; 11/5. Leonard, ME)(1945;454;11/11.Krist,VA)

CLANDESTINE

- 5106 0150 LV del CID, continuous U.S. rock mx, "música libre" (333; 11/23. Stone, ON)(0209; 353; 11/26. Gilster, NC)(0208; 443; 11/26. Ulmer, LA)
6225 *0400 LV del Sandino, SS ID as "Aquí LV de Sandino," anti-Nicaraguan gov't rhetoric, gunfire, frequent use of jingle similar to RN's "Newsline" px opening mx (good; 11/28. Cavaras, MN)(6227;0434;333;11/18.Moman,AB)(6227;0414;444;11/16. Ulmer,LA)(0424;423;11/12.Huffaker,MEXICO)(6220;0432;422;11/16.Grijalva,AZ)
6832 0255 R. Venceremos, patriotic tx, sked, from San Vicente Department, some jamming (343; 11/22. Ulmer, LA)(6945; 0304; 333; 11/22. Ulmer, LA)

Just made it. I hope that the U.S.P.S. will deliver this in time. Now to get to Shortwave Center for NASWA. I hope everyone has a pleasant month, and I'll see you in 30 or so.

73's Chris/Arkie/Blackie

Chris Hansen

SWBC - EUROPE



EDITOR

TERRY LINDLEY
Rt. 15 Box 1098
Birmingham, AL 35224

Deadline: 12th
Times and Dates: GMT
Frequencies: kHz

I hope everyone had a Happy New Year, and that you have made all you're New Years resolutions. But are you ready to keep them? Of course not, they are always made with good intentions though. I kept one last year for 3 days and thats about my best so far.

I'm going to go out on a limb this month and make a major change in format. You may have a new Euro editor next month if our managing editor and president do not approve of it, but I have decided to make a change after 24 consecutive columns which were exactly alike. As you can see this column is sorted by frequency. It is in sections because I have found that there are far more freqs than I imagined. I cannot sort all the loggings at once because it is not feasible to lay them out that way. I hope to get a computer soon, so it may solve that problem.

5057 0405 R.Tirana: AB-a mx pgm, rarely noted here.(poor 11/4 Moman-ALB)
5930 0328 R.Prague: EE-cmtry about quest for Peace.(422 11/15 Leonard-ME)
5945 0145 ORF: EE-talk on tourist industry.(433 11/12 Stone-ONT)(Sable-NY)(Fraser-MA)(WCA-OH)(Paul-AZ)(Grishin-ONT)(Hotaling-NV)
6000 0702 R.Tirol: GG-YL w/nx, ID, & talks.(222 11/24 Wilczek-IL)
6040 0120 DW: EE-OM w/talk on classical mx.(333 11/7 James-NC)
6055 2040 RP: FF-OM & YL w/talks, & mx pgm.(243 11/16 Wilczek-IL)(WCA-OH)
6085 0100 DW: EE-pgm of wld nx.(444 11/30 Hill-SC)
6130 0130 DW: EE-pgm of GG lessons.(323 11/6 James-NC)
6145 0100 DW: EE-Nx pgm, science pgm on glaciers.(11/28 Grishin-ONT)
6175 0800 RFI: FF-Mx pgm, nx, ID,(444 12/7 Ledford-NJ)
6200 0342 RT: EE-Boring talk which was anti-everyone.(433 12/1 Sharp-FL)
7065 0015 RT: EE-Unusual propoganda on how great things are under Socialist rule.(544 Card-RI)(Bartsch-MN)(no)
7080 0645 RT: EE-Propaganda til 0657, then ID.(323 11/21 Hosmer-MI)
7120 0235 RT: EE-YL w/nx, ID, woodpecker QRM.(422 11/6 Pfeiffer-NY)(Gunter)
7345 0320 RP: EE-Disc on history of aircraft.(544 11/15 Leonard-ME)
9545 0120 DW: EE-OM w/ID, nx, & cmtry.(333 Addison-KS)
9565 0110 DW: EE-Nx pgm, talk on culture & art.(544 11/4 Hill-SC)
9700 2245 RS: EE-talk on metals production, & sports,(444 11/5 Wettensten-OH)(Card-RI)(Gunter-NC)(Sharp-FL)(Bartsch-MN)(Fraser-MA) + 5
9740 0120 RP: EE-Brezhnev praised in death by Czechs.(333 11/16 Gallagher)
9870 0030 BRT: EE-"Outlook" w/anncs, weather, IDs.(222 11/22 Spremo-NY)(Manning-TX)(Hosmer-MI)
11665 0125 ORF: GG-OM & YL w/IDs & mx.(454 11/6 Hesch-NY)
11695 0041 BRT: EE-Nx & cmtry, YL w/ID, songs.(11/6 333 Moman-ALB)(Wettensten-OH)(Sharp-FL)(Kanon-NY)
11720 0000 RS: EE-Nx, cmtry, the Science Report.(333 11/24 Zilmer-NM)(Hill)
11745 1655 RF: FN-IS, IDs, OM & YL w/talks.(??? ???/? ??????????????)
11955 2230 RFI: PP-Mx pgm, IDs, beam to Brazil.(322 12/4 ZilmerNM)
11965 1500 DW: EE-Nx on "window on the world"(333 11/24 Zilmer-NM)
11985 1529 RT: IN-IS, mx pgm, "Disini Tirana"(344 11/19 Ulmer-LA)
11995 2345 RFI: SS/FF-Mx pgm, nx in FF at 2400.(444 11/18 Speer-CA)(Zilmer)
11990 1630 RP: AA-IS, OM w/ID, wld nx.(444 11/26 Palmer-WA)(Wettensten-OH)
12015 2200 ORF: FF-OM w/ID, skeds, & freqs.(444 11/14 Langlois-GA)
15150 1800 DW: EE-Nx on Window of the World.(444 11/9 Card-RI)
15165 1728 RD: DD-IS, ID in DD & EE, OM w/nx.(454 11/14 Palmer-WA)
15200 1755 RFI: FF-ID, Accordion mx, (444 11/5 Gunter-NC)(Palmer-WA)
15295 1500 ORF: EE-Nx pgm, cmtry on Arms race.(222 11/27 Hahn-CA)(Zilmer)
15300 1645 RFI: EE-Pgm on Opera feature.(344 Norman-DC)(Peterson-CT)
15400 1517 RF: EE-Mailbag pgm, upcoming Christmas pgms.(333 11/23 Burke-VA)(Hosmer-MI)(Wettensten-OH)
15410 0050 DW: GG-pgm of German mx.(444 11/23 Hill-SC)
17620 1631 RFI: EE-Mx pgm, ID, address.(11/13 Leonard-ME)(Gunter-NC)
17770 0600 RD: DD-IS, ID, bells, nx pgm.(433 12/3 Ledford-NJ)
17795 1620 RFI: EE-OM w/nx, ID, Paris Calling Afr.(344 11/20 Ward-WY)(Hahn-CA)(Philip-BC)(Hotaling-NV)(Zilmer-NM)(Wettensn-OH)

17845 1739 RFI: FF-OM w/pgm of rock mx.(443 11/16 Thompson-CA)
17850 1703 RFI: FF-OM w/mx pgm, IDs on PCA.(11/18 Miller-CA)
17915 1400 BRT: EE-Nx pgm & cmtrys.(555 11/23 Wieboldt-FL)
21460 1710 BRT: FF-Mx pgm, songs, ID by YL.(333 11/11 Hotaling-NV)
21475 1300 RF: EE-ID, the Northern Report, nx.(544 11/5 Hesch-NY)(Ulmer-
LA)(Alexander-NC)
21505 1440 RP: EE-OM w/disc on worker productivity.(322 11/16 Hosmer-MI)
(Moman-ALB)
21525 1235 ORF: EE-"Focus" talk about Vienna.(344 11/16 Wettensten-OH)
21525 1333 BRT: EE-PO Box 26, mx, ID, & freqs.(343 11/1 Smith-FL)
21530 0740 RM: EE-the usual Arms talk.(333 11/26 Halbert-CA)
21580 1636 RFI: EE-Nx pgm, talk on a satellite tv relay.(353 11/26 Glavich
CA)(Burke-VA)(Thompson-CA)(WCA-OH)
21600 2000 DW: GG-OM w/ID, nx, cmtry, mx.(333 Addison-KS)
21615 1230 ORF: EE-the Report from Austria w/mx.(554 11/27 Fraser-MA)
21620 1644 RFI: EE-"PCA" w/wld nx.(433 11/27 Cox-LA)(Thompson-CA)(Cox-LA)
21810 1400 BRT: EE-sports & talk on tennis in Belgium.(222 11/29 Alexander
-NC)(Hosmer-MI)(Kanon-NY)
25850 1235 RD: EE&DD-ID in EN interview in Danish.(353 11/27 Fraser-MA)
25950 1400 RF: EE-the Northern Report, w/interviews.(544 12/2 Sable-NY)

Here is section 2, I'm experimenting with this as I go so hold on...

3995 0434 DW: GG-Not sure of content. News? (322 11/11 Leonard-ME)
5955 0706 RN: EE-Nx, ID, cmtry on Summit meeting.(444 11/23 Leonard-ME)
5960 0608 DW: EE-OM w/nx & talks & cmtry.(333 12/1 Preston-CA)(Leonard-
ME)(Wettensten-OH)
6005 0608 Rias; GG-OM w/US pop tunes.(322 Cucura-PA)
6030 0739 SDR: GG-OM w/pgm of GG mx.(232 11/11 Cucura-PA)
6085 0245 DW: GG-OM w/pgm of mx & ID.(434 11/2 Langlois-GA)
6090 0719 RL: GG-OM w/talks, ad for womens mag.(454 11/8 Wilczek-IL)
(Sharp-FL)
6095 2153 RP: EE-ID, instru mx from Grease.(343 12/6 Burke-VA)(Cucura-PA
6135 0145 SRI: EE-Dateline Thursday w/talk on Brezhnev.(555 11/12 Demmitt
PA)(Paul-AZ)
6145 0130 DW: EE-talk on popularity of TVs Dallas in Ger.(444 11/9 Craig
6165 0656 SRI: EE-Mx is interrupted by ID.(444 11/23 Leonard-ME)
6185 0523 VOA: EE-Nx pgm, & GG political nx.(444 11/17 WCA-OH)(Leonard-ME
6190 0643 R.Bremen: GG-OM w/phone in pgm.(232 11/11 Cucura-PA)(Wilczek-OH
7195 2105 RB: EE-ID, nx, talk on Brezhnev.(333 11/13 Ledford-NJ)
7210 0617 Red Cross Radio: GG-Red Cross calls for help for Hiwailian
islands on emergency radio.(333 11/24 Wilczek-IL)
7265 0632 SWD: GG-OM w/pgm of Amer & Ger mx.(333 11/16 Cucura-PA)
7270 0630 RP: EE-talk on East-West relations.(211 11/16 Ruckman-OH)
7275 0431 RAI: EE-NX pgm, talk on the Blessed Virgin.(433 12/8 Ledford-NJ
9490 0725 TWR: EE-IS, YL w/pgm rundown.(343 12/7 Thompson-CA)
9595 0745 TWR: EE-Rel pgm, & mx.(333 11/21 Hosmer-MI)
9525 0200 RP: EE-some nice Polish mx.(333 Leite-MA)
9560 0337 RBI: EE-Nx, talk on disarmament.(433 11/10 Kanon-NY)(Hosmer-MI
9575 0100 RAI: EE-ID, nx pgm, mx.(544 11/30 Claytor-MI)(Hecht-PA)(Paul-AZ
9585 0200 RB: EE-OM w/ID, nx, & cmtry.(344 11/19 Addison-KS)(Wettensten
9610 2230 RBI: GG-Mx, ID, freqs, nx, & cmtry.(323 11/7 Smith-FL)
9620 1529 RY: EE-IS, ID, sked, wld nx.(333 11/29 Sharp-FL)(Smith-FL)(Burke
9670 2120 IBRA: PO/RR-OM w/rel message, mx.(344 11/13 Wilczek-IL)(Tordoff
9675 0647 RP: EE-Biography of Marie Curie.(333 11/13 Sienicki-NJ)(Ledford
-NJ)(Wettensten-OH)
9690 0500 DW: EE-On at 0500, nx pgm.(exc 11/9 Hecht-PA)
9725 0145 SRI: EE-Wld nx, cmtry.(544 11/5 Hill-SC)(Addison-KS)(Leonard-ME
9765 2150 DW: EE-Futbol & soccer report on Ger top teams.(454 11/11
D'Angelo-PA)
9835 ???? RB: EE-talk on SW club.(Grishin-ONT)
9865 0130 VOG: EE-YL w/nx pgm, GK ID, songs.(444 11/16 Sable-NY) + 9
11645 1530 VOG: GK/EE-ID, nx by YL.(433 11/15 Carlson-WA)(Zilmer-NM) (= 3
11715 0145 SRI: EE-YL w/ID, nx on Dateline.(433 10/10 Addison-KS)
11740 1430 RN: EE-IS, ID, nx on Newsline.(323 11/11 Norman-CA)
11775 2030 RP: EE-NX.(222 12/2 Zilmer-NM)
11800 2031 RAI: EE-YL w/nx, ID, mx pgm.(333 11/11 Cucura-PA)
11815 0000 RP: PO-IS, ID, OM & YL w/talks.(444 11/22 Grijalva-AZ)
11840 0500 RBI: EE-Freqs, OM w/talks, & ID.(344 11/30 Miller-CA)
11890 0647 RBI: EE-Disc on trade unions.(433 11/17 Kanon-NY)
11925 0315 RP: EE-Freqs, talk on tourists.(333 12/7 Duncan-NC)(Gunter-NC)
(Harrell-IL)(Grosvenor-CA)(Lord-CA)(Koehler-IL)(Addison-KS)+ 4
11975 0015 RBI: EE-Nx, cmtrys about wld affairs.(322 11/24 Grishin-ONT)

13797 1910 ISBS: IC-OM w/talks, ID, & mx pgm.(333 12/2 Sharp-FL)(Kanon-NY)(252 Paul-AZ)(222 11/18 Manning-TX)(353 11/13 Stephany-NY)(232 11/7 Tordoff-CA)

15050 0135 VOG: EE-OM w/wld nx, ID, into GK)

15135 1500 DW: EE-ID, nx pgm, cmtry, interviews.(11/21 Hahn-CA)

15145 1630 RFE: PO-pgm of Polosh nx.(333 11/20 Sienicki-NJ)

15150 1930 DW: EE-OM w/nx, talk on S.Afr literature.(323 11/14 Norman-DC)

15160 1516 RB: EE-DX pgm w/so-so tips.(232 11/5 Burke-VA)

15175 1901 RN: EE-Norway Today w/talk on religion.(454 11/28 Glavich-CA)(353 Paul-AZ)(222 Hotaling-NV)

15240 1342 RBI: EE-the Afr service, gave winter sked.(443 11/4 Ulmer-LA)

15240 1528 RY: EE-IS, YL w/ID, freqs.(323 12/2 Berri-CA)(222 Wilkins-CO)

15250 1828 RP: EE-OM w/ID, pgm of mx.(333 12/1 Carlson-WA)

15260 1745 VOA(Kavala): EE-Science in the News"(322 11/9 Hosmer-MI)

15560 2118 RN: EE-the Afro Scene, many IDs, s/off.(454 11/17 Spremo-NY)

17605 1450 RN: EE-"Media Network" w/info on pirate radio in Ireland, and interviews with some of their owners.(454 11/4 Hesch-NY)(454 Winkleman-OK)(Spremo-NY)(Kobylski-MD)

17880 1535 SRI: EE-Intl nx pgm.(333 11/23 Burke-VA)(Norman-DC)

21465 1555 RBI: EE-talk on art exhibits, ID, & freqs.(242 11/23 Burke-VA)

21515 1816 RBI: EE-OM w/nx pgm, afr service.(433 11/5 Winkleman-OK)

21520 1530 SRI: EE-Nx pgm, Let There Be Music.(322 11/28 Zilmer-NM)

21570 1320 SRI: EE-the SSWMGR DX pgm w/the 2 Bobs.(442 11/13 Peterson-CT)(Wettensten-OH)(Spremo-NV)(Smith-FL)(Grosvenor-CA)(Burke-VA)(Burke-VA)(Hahn-CA)(Hesch-NY)(Wilkins-CO)(Addison-KS)

21600 1538 DW: EE-to Afr w/sports roundup soccer scores.(333 11/29 Burke-VA)

21610 1405 RAI: II-the Sports Report.(222 12/4 Zilmer-NM)

21685 2100 RN: EE-Jazz recordings mx pgm,555 Card-RI)

21725 1600 RN: EE-Norway This Week w/nx & views.(322 11/21 Zilmer-NM)

25730 1658 RN: EE-IS, ID, nx pgm, pgm review.(343 11/7 Moman-ALB)(Cox-LA)

26030 1400 RN: EE-Nx, talk on NW classical mx.(444 11/28 Kobylski-MD)(252 12/5 Zilmer-NM)

Here is the 3rd and final section. I am not pleased with the way this is working out for reasons that I will explain at the end. tml...

5975 0700 BBC: EE-"From the Weeklies"(444 12/4 Gunter-NC)(Leonard-ME)

6015 0059 RV: EE-Sermon from "A Way of Love"(444 12/4 Wettensten-OH)

6210 0640 RV: LT-OM w/Mass, IDs.(243 11/9 Wilczek-IL)(Moman-ALB)(Wilkins)

6190 0100 RV: EE-Talk on a Saint from Canada.(444 11/24 Langlois-GA)(Winkleman-OK)

6195 1045 BPC: EE-celebration of Remembrance Day.(545 11/14 Peterson-CT)

6236 0701 Unidentified: EE-pop mx incl Bee Gees.(211 11/11 Wilkins-CO)

7155 0215 RM: EE-the "Moscow Mailbag"(333 11/6 James-NC)

7185 0613 BBC: EE- the News Desk, ID.(444 11/13 Leonard-ME)

7195 0005 RM: RR-pgm of nx.(Card-RI)

7270t 0329 RM?: RR-Mx pgm, IS, ment of Novosti.(433 11/4 Ulmer-LA)

7310 0027 R.Rodina: RR-OM & YL w/freqs, ID.(332 11/5 Ulmer-LA)

9360 0040 RFE: SS-OM & YL w/nx pgm, IDs.(434 11/11 Thompson-CA)

9605 0100 RV: EE-talk on Popes visit to Sicily.(433 11/20 Harrell-IL)

9615 0115 RV: SS-IS, OM w/ID.(111 11/17 Greenwald-WY)

9630 0115 RBE: EE-OM w/ID, YL reads letters.(544 12/6 Valentine-CA)(Wettensten-OH)(Moman-ALB)(Addison-KS)

9695 0259 RSI: EE-OM & YL w/ID.(434 11/14 Zolla-CA)(Partsch-MN)(Paul-AZ)

9760 1930 VOA: EE-the Dateline Show.(121 11/15 Ruckman-OH)

9765 1940 RFE: EE-wld nx, sports, ID, DX pgm.(322 11/14 Ray-PA)(Hesch-NY)

9795 1347 RM: EE-Mx pgm, church bells, ID.(555 11/20 No name)

9915 0200 BBC: EE-OM w/nx, And IDs.(444 11/11 Pfeffer-NY)

11600 1805 RM: EE-OM w/wld nx, cmts on Brezhnev.(322 11/11 Hotaling-NV)

11705 0230 RSI: EE-Nx on Swedish Newsbreak.(454 11/12 Muzyka-NY)(Addison)

11740 0230 RSI: EE-Editorial on tax laws.(433 11/7 Wettensten-OH)

11770 0510 Moskva: RR-OM & YL w/nx.(433 11/7 Ulmer-LA)

11810 1600 RV: EE-Religious pgm, nx, & cmtry.(353 12/4 Zilmer-NM)

11840 1330 RM: EE-Disc critical of the U.S.(433 11/13 Peterson-CT)

11880 2400 RBE: EE-YL w/ID, pgm of mx.(433 11/7 Langlois-GA)(Hosmer-MI)+7

11910 0045 RFE: EE-YL w/pgm of nx, & mx.(444 11/25 Sienicki-NJ)

12000 1323 RM: RR-IS, talks by a YL.(433 11/4 Ulmer-LA)

15070 2200 BBC: EE-wld nx "from our own correspondent"(444 11/6 Hill-SC)

15100 0311 R.Kiev: EE-talk on draft resolution sent to the UN on disarmament.(444 11/21 Drollinger-WI)

15125 2231 RBE: SS-Nx, mx, IDs.(454 11/13 Winkleman-OK)

15130 0317 RM: EE-Pgm about Soviet space pgms.(??? ?/?/? ?/?/?/?/?/?/?/?/?)

15180 1731 BBC: AA-OM w/nx & cmtry.(444 Palmer-WA)

SWBC DX

AFRICA



Radio Television Kaduna

EDITOR: MIKE NIKOLICH
2137 W. Farwell Ave.
Chicago, IL 60645



FEBA
Seychelles

Deadline: 12th
Times & Dates: GMT
Frequencies: kHz

SPEEDX AFRO HOT SHEET

	0300		0730
3210	RADIO MOZAMBIQUE	4807	R. NACIONAL DE SAO TOME
4934	VOICE OF KENYA (EE)	7154	EM. OFFICIAL CAPE VERDE
	0400		1700
4910v	RADIO ZAMBIA	9535	R. NAC DE ANGOLA
5026	RADIO UGANDA	9754	R. TANZANIA (EXT. SVC.)
	0430		2100
3288t	RADIO MADAGASCAR	6025	FRCN/ENUGU, NIGERIA
	0500	6145	CROSS RIVER RADIO, NIG.
6195	FRCN/SOKOTO		2200
9027	RADIO VATAN	3255	ELBC, LIBERIA
	0700		
5980	SIERRA LEONE BROAD. SVC.		
9619	RADIO MOZAMBIQUE		

For full details on these, look under the appropriate country.

"VOICE OF FREE AFRICA"

A recent survey of this radio station, which operates on 4764 kHz, shows that it still announces a daily sked of 1700-1800 and 0400-0500. The px, however, tend to end after approx. 45 minutes. 0400-0500 bcst is a repeat of the previous evening's, and can be hrd mainly in PP w/items in Mozambican vern. languages and occasional EE. The "Voice of Free Africa" announces that it is there to "launch the cry of revolt of the Mozambican people in their heroic struggle against communist oppression." (BBCMS)

ANGOLA

A recent survey of the Polisario Front programs, broadcast as part of Radio Nacional de Angola's B program, shows that they are entitled "Free Sahara, the voice of the fighting people of Sahara." Bcsts are in FF from 2130 to 2200 M/W/F on 9535 and 7245 kHz (BBCMS)

9535 1703 R. Nacional; TC, IO by YL in PP, gong, 1835+, almost non-stop Afro mx, 11/21+29 (Walcutt, HA); 2131, YL w/PP IO, lots of marching mx, this is one of the stations that I most avidly pursued. I was happening to read your column and saw the sked you had down and figured I'd give it a try. What luck, as soon as I tuned in, YL gave IO, 11/20 (F. Johnson, IL)**We aim to please..mln.

11955 0539 R. Nacional; PP, tx by OM, "RN" ID, into lcl mx, 11/29 (Sharp, FL); 0527, mixed bag of mx, YL IO as "Programa A", comment on Brezhnev's death, 11/13 (Wilkins, CO)

ASCENSION ISLAND

7105 0405 BBC; EE, corresponent's report on funeral arrangements for Brezhnev, 11/12 (Demmitt, PA); 0615, EE WS (Leonard, ME)
15260 0028 BBC; EE, nx about Spain's 16% unemployment rate (Traver, CA)
15400 1901 BBC; EE, "Jazz Workshop" hosted by YL. Good sounds and interesting sidelights on jazz "greats" (Palmer, WA)

BENIN

4870 0541 ORTB; FF, OM w/tx and lcl afro mx and ID at 0556 (Cucura, PA); 2207, chants, IO by OM every few minutes, 12/2 (Sharp, FL); 2233, tribal mx and rock mx w/FF OM, s/off, ID "...du Benin...emettant de Cotonou..." 2301* 11/20 (Stephany, NY)

BOTSWANA

4845 0345 RB; Sets, cowbell IS to 0358, NA, IO by YL, 11/29 (Sharp, FL)

SOMALIA

6790 0305 R. Mogadishu; chants, then OM tx like poetry, later, afro vocal mx w/native instruments, 12/2 (Tordoff, CA); s/on w/IOs, 11/22 (Gilster, NC); 0318, Somali mx, OM w/lang tx, 11/13 (Provance, OH); 0300, AA, 0318 F/out (Paul, AZ)

SOUTH AFRICA

3230 0357 SABC; OM w/full TC, ID, mention of events that happened that day, discussion about writing a travel book, 11/15 (F. Johnson, IL)

3250 0334 Radio 5; EE, OM OJ w/John Lennon mx, old 60s mx, very little tx between mx, 11/15 (F. Johnson, IL)

4835 2106 SABC; EE nx w/mentions of Pretoria, Natal, 11/9 (Burke, VA)

4990 0325 R.RSA; EE, tx about auto industry, rock mx, IO, 353, 11/24 (Ray, PA); 0337, EE, barely audible nx items by OM, full IO, 11/19 (Gilster, NC)

5980 2102 RSA; EE nx, xmtn to NW Africa, 11/29 (Burke, VA)

9580 0200 RSA; EE, nx w/OM, commentary, mx, more nx, "Africa Today" nx, QRN at 0250, 11/11 (Koehler, IL)

9585 *2100 RSA; EE nx, 11/27 (Hubbard, OH)**More details, please...m.n. 2100, IS, ID, nx, px on Lesotho independence (Norman, DC)

9615 0215 RSA; EE, OM, ID for EE Svc (Addison, KS); 0200, EE "Africa Today," nx, 11/30 (Kobylski, MD); 555 at 0200 w/IO, NA, TC, "Africa Today," Afro nx, spotlight cmty on Brezhnev and Soviet affairs, 11/13 (Clayton, MI); 0200 (Hesch, Gunter)

11730 0200 RSA; EE, "Africa Today," OM and YL w/letters, rock mx, nx at 0255, s/off 0300 (James, NC); 0238, Mailbag, 11/15 (Leonard, ME); 0200, nx abt Africa (Hill, SC)

15155 2108 RSA; EE, QRM de 15150, //17745, 11/6 (Schlesinger, TX)

15325 0200 RSA; tone call at 0157, IO 0159, s/on mx 0200, "Africa Today" nx px, //5980, 9615, 11730 (Paul, AZ); 0109, "Media Review," S "Conversation Corner" (Krist, VA)+3

25790 1515 RSA; EE, nx, correspondents reports, tx of Kugerand, 11/15, 555 lvl (T. Smith, FL); 1347, EE, "Yours and Mine" px w/the "Cool Guy" planing U.S. pop mx, 11/11 (Drollinger, WI); 1407, EE, tx on treating burn victims on "Science World" (Krist, VA); 1538 (Ulmer, LA); 1400, EE,

SWAZILAND

9640 1625 TWR; EE, IO by OM, vocal mx, 12/2 (Carlson, WA)

TANZANIA

9749 1720 R. Tanzania External Svc; tx about tough times in Africa, 1730, IO in EE followed by U.S. mx, rock and old hits, 1800, TC into "Voice of Namibia" px, which IDs thus: "This is the Voice of Namibia, radio ... of the South West Africa Congress of the peoples of Namibia transmitting from the External Service of Radio Tanzania in Dar es Salaam. We broadcaston 9750 kHz in the 31 meter band..." clearly this is a program, not a clandestine as labelled elsewhere...(Walcutt, HA, 11/20)

TOGO

3222 2149 RT/Lama-Kara; FF, OM w/nx, ID and lite mx, 11/21 (Cucura)

5047 2325 RT; FF and EE nonstop vocals til 0000, FF IO and closing amnts, NA, off at 0002, 353, 11/23 (Ray, PA); 0532, OM tx, very weak and QRM'd, 11/21 (Schlesinger, TX)

UPPER VOLTA

4814 0528 RTVV; FF/Vern, IS, NA and OM in FF w/IO and anmt, drum mx and OM w/nx in Vern, 11/16 (Cucura, PA); 0638, OM in FF, drums segway into OM tx and afro mx, 242, 11/30 (Hall, CA) 0528, IS, NA, into px of military mx, 12/2 (Sharp, FL)

UGANDA

5026 0403 R. Uganda; EE nx by OM, IO, 333, 11/22 (Ray, PA)

ZAMBIA

A ZBS report stated that R. Zambia had launced an "all-out war" aimed at improving reception in the country and "enticing" people to stop tuning to South African radio stations. . . (BBCMS)

4910 0352 ZBS; mx w/OM ancr and OM spkr, IO at 0401, followed by nx in Vern which included many items about Lusaka, 11/13 (Stu Hall, CA); 0358, fish eagle IS, NA into tx by OM, 353, 12/1 (Sharp, FL)

**See you next month. We'll have a special feature on the Seychelles.73

FL); 2315 to 0002, AA, tent reception (Manning, TX); 2347, AA, tx by OM w/mx, into Koran, 2350, NA and ID "...al-jumhuriyah al-Islamiyah al-Mauritaniyah..." 0001*, 11/12 (Stephany, NY); 0725, lots of chants (Schulsinger, OH)

MOZAMBIQUE

3210 *0258

R. Mocambique; multi-lingual ID interspersed with local instruments, s/on at 0300 w/NA, into tx, 12/21 (Nikolich, IL); 0302, PP, YL nx, mentions of Beira, Angola and South Africa, 11/11 (Sharp, FL); 0306 (Cucura, PA)

9619 0710

RM; PP, ID, Afro mx, dual 7240, abrupt off on both channels at 0715, 0724 back on 6919, but not 7240, 1755, IS, IOs in many langs including PP, EE, FF, "This is Radio Mocambique in Maputo," into EE w/mx at 1800 (Walcutt, HA)

MOROCCO

11760 1908

VoA/Tangier; EE nx, interview w/Gen. Dozier (Ruckman, OH)

15105t 2010

RTVM; AA, OMs tx, apparently about int'l events, fading some and slightly hetted (Schlesinger, TX); 2118, AA mx, IO by OM, more mx (I've hrd this song on R. Cairo!), 343, 11/21 (Ulmer, LA)

17710 2039

RTVM; AA, tx and ID by OM, moves to 17705 at 2100 (Sharp)

NAMIBIA

4965 0343

R. S.W. Africa; Afrikaans, CSW mx, Windhoek anmts, lots of noise, ID (Tordoff, CA); tent. at 0128 w/ varied afro and western mx, but no ID (Sharp, FL)

NIGER

5020 0530

ORTN; FF, NA, FF OM, anmt, into chants, 11/26 (Cucura, PA)

NIGERIA

On November 6-7, VoN xmtrs on 17800 and 15120 were carrying a bcst in AA from 0830 to 0900 and one in EE from 0900 to 10000. A px in Swahili was ancd for 1000. VoN also disrupted xmtns on 7255 on November 8-10 (BBCMS)

4770 0600

FRCN/Kaduna; EE, OM w/ID and local time checks, news at 0700, 11/16 (Cucura, PA); 0528, EE, discussion about political conferene, 11/9 (Schulsinger, OH); 0536, EE, OM w/lcl nx, read very excitedly... (Schlesinger, TX)+5

4990 0511

FRCN/Lagos; "Moon River" and other ancient melodies, 11/7 (Schlesinger, TX)

6025 2107

FRCN/Enugu; presumed here w/nx, //4770, 6145, 222, 11/28 (Burke, VA)

6145 2050

Cross River Radio; Waylon Jennings record, IO into Nat'l network nx, IO as "Cross River Radio, Calabar," 11/28 (Burke, VA)

6195 0449

FRCN/Sokoto; EE/Vern, nx read by YL, and badly QRM'd by CBCNS, 11/13 (Schlesinger, TX)

7255 0555

VoN; EE, OM w/nx, cmt, ancd eam as E+W+S Africa and overseas, 11/27 (Palmer, WA)

11770 1735

VoN; EE, nx by OM, ID "This is the Voice of Nigeria, Lagos," into cmt by OM (Carlson, WA)

15120 0535

VoN; EE, world and Afro nx, 11/13 (Schlesinger, TX); 1140, EE, world and lcl nx, IO at 1200, 11/16 (Sable, NY); 0503, EE, nx, great signal, 11/15 (Hosmer, MI); 2152 (Ruckman, OH); 2057, EE px review KO'd by VoA (Ulmer, LA)

15185 0635

VoN; EE, ID, nx about Soviets, weak (Ulmer, LA)

17800 0515

VoN; EE, lcl nx til 0530, then world nx, //7255 (Ray, PA); 2030, 222 w/lcl lang, QRM de VoA (Schlesinger, TX)

RWANDA

7225 0430

OW Relay/Kigali; EE nx of UNESCO conference and Habib meeting w/Lebanese, 222, 11/24 (Burke, VA)

SAO TOME e PRINCIPE

4807t 0938

R. Nacional; OM in PP, indig. mx and pops; two mentions of "R. Nacional de..." but didn't hear magic words 11/30 (Hall, CA); 0749, PP, tx by OM, gongs before ID, severe QRM, 12/2 (David Sharp, FL)

SEYCHELLES

15200 0410

FEBa; EE, relg tx following the news, some mx, 0420, "Christian news report" 11/14 (D'Angelo, PA); EE, ID, into relg. px, then relg. drama (Norman, NC)

SIERRA LEONE

5980 0700

SLBS; EE, tx by OM, into nx, anmts, reg. obit px, 322, 11/26 (Sharp, FL); 2213, EE, world nx, "Afro Review," TC and IOs, 333 (Cucura, PA)

IVORY COAST
4940 2100 R. Abidjan; FF, nx by OM, ID, into xylophone or cora mx, 433, 12/1 (Sharp, FL)
7215 2231 RTVI; FF, mx, tx by OM, ID by YL, mx (Sharp, FL)

KENYA

The VoK reported its Chief Engineer as informing the Minister of Info and Bcsting, who was visiting the VoK SW xmtr at Nairobi that Kenya would improve its radio reception in neighboring countries within the next few months. Equipment for the improved reception has already been installed. (BBCMS)

4915 0517 VoKenya; largely uninterrupted-native pops, w/a beat right in time w/CW QRM, 11/7 (Schlesinger, TX)**Rather late for Kenya. Suggest you try at 0300 s/on.
4934 0257 VoK; EE, Flute and drum IS, 0300 son w/time pips, IO and nx, 11/29, 232 (Cucura, PA)**Very nice. 2000, EE, IO and nx, weak but completely readable...11/28 (Sharp, FL); 0334t, OM chants, tx in vern, presumed from freq, 11/19 (Wilczek, IL)

LESOTHO

4800 0402 R. Lesotho; Sesotho, tx by OM, presumed nx, IO, into lcl mx, nice reception tonite, 12/3 (Sharp, FL)

LIBERIA

3255 2200 ELBC; EE, lcl nx by YL, into evening request px, great reception, 12/3 (Sharp, FL); 0520, EE, Afro mx, commercial, IO and TC by YL at 0530, more mx and into Liberian (as announced) 0532, 322, 11/30 (Hosmer, MI); 2259, EE, OM w/local TC at 11:00, drums, IO, nx (Cucura)
4765 2230 ELWA; EE, relig px, IO by OM, GMT +lcl TC, OM sermon (Sharp, FL)
7280 0551 VoA Relay; EE, popmx and usual VoA fare, QRM de ARDs, some fading, 11/21 (Schlesinger, TX)
11870 2030 ELWA; EE, relig px on the rapture, 11/25 (Ruckman, OH)

LIBYA

"VOICE OF THE LIBYAN PEOPLE"

This AA-language radio station, which continues to describe itself as the voice of the National Front for the Salvation of Libya, is now hrd signing off daily between 2207 and 2212 on 11365 kHz. On Nov. 16, "Voice of the Libyan People" was hrd to come on the air with music at 2107. A farfare and station ID was carried at 2110. The station announced the following sked: First Bcst--0630 "Libyan Time"--11977, 11285 kHz--Second Bcst--1630 "Libyan Time"--12230, 11460 kHz--Third Bcst--2100 "Libyan Time"--12645, 11365 kHz. Of the listed bcsts, only the 2100 GMT bcst has been hrd. The remainder has yet to be confirmed. (BBCMS)

11815 2250 R. Jamahiriyah; EE, EZL mx, letters from listeners, mx from "our city" 11/28 (Hill, SC); 2240, EE, postbag show, mx; later, chanting (Sienicki, NJ); 2300, EE (Hahn, CA)+5
15230 2245 SPLAJBC; EE, during bandscan, ran across this w/mx and cnty about Namibia, IO 2256, checked 11815...no EE, but some lang, 11/22, 444 (Hosmer, MI)**Interesting...mln.
15415 1920 SPLAJBC; AA, Qaddafi speech, brief inserts of AA and pop mx, also on 15450/17930 (Palmer, WA)
17930 1637 SPLAJBC; AA, IO, AA mx px, 11/19 (Ulmer, LA)

MADAGASCAR

3288t 0427 R. Malagasy; native chanting into pop-type mx after IO by OM at 0432, not exactly top-quality reception, 11/7 (Schlesinger, TX)
15220 2110 RN Relay; EE, tx on Nigeria's oil, IO, s/off 2120 (Cucura)
15560 *2030 RN; EE, "Happy Station," songs, letters, orchestra competition, 11/14 (Krist, VA)
15570 1716 RN; AA, then OM in AA w/IO and address in Hilversum, off 1720, 12/5 (Palmer, WA)
25970 0720 RN; s/off w/freq sked, back again at 0729 in Dutch, //21480. Due to time and freq, this is one of my most unusual loggings ever, 11/25 (Halbert, CA)

MALI

4783 0558 R. Mali; FF, NA, IO by OM, more tx and mx, 11/26 (Sharp, FL)
7110 0700 RN; FF, OM Id and freq & other anmts, 0702, NA, repeated three more times till 0718, then IO and FF tx--I still can't believe their signal strength (Hosmer, MI)

MAURITANIA

4845 2200 RM; AA, nx by OM, mention of Morocco, into chants (Sharp,

CAMEROON

- 4000 2238 R. BaFoussam; FF, Afro vocals, tx, ID by OM 2247, 11/27 (Sharp, FL); 0508, EE nx by YL, //4850 (Nikolich, IL)
- 4750 0504 R. Bertoua; FF, lcl mx, run by an OM who had more than his share of things to say, 11/13 (Schlesinger, TX); 2208, FF nx by OM, many items about Cameroon, phone calls from listeners for record requests, 11/11 (D'Angelo, PA)+2
- 4850 2110 RC/Yaounde; EE/Vern, OM nx in EE, he read so fast you'd think it was a sporting event on a Brazilian station! 11/20 (Stephany, NY); 2252-2303, EE nx, s/off (Sharp, FL, Moman, AB)
- 5010 2148 R. Garoua; FF/LL's, uninterrupted Afro mx, 2224*, 444, 11/25 (Providence, OH); 0430, ID by OM in EE/FF, NA, into Koran, 0500, EE/FF nx (Sharp, FL)
- 9745 2230 RC/Yaounde; FF, Afro and Western mx, "Stars on 45" QRM de Baghdad, 322, 11/26 (Sharp, FL)

CAPE VERDE

- 7154 0735 Emisora Oficial; PP, several AMs on around 0735, mx to 0800, gong and ID, 11/17, s/off 0901, not hrd nitely, 11/11 (Wilkins, CO)

CENTRAL AFRICAN REPUBLIC

- 5035 2131 LV de CAR; FF, Afro vocals, IOs, lcl anmts between most songs, 333, 11/27 (Sharp, FL)

CONGO

- 15190 1750 RTVC/Brazzaville; "Voice of Namibia" px, began at 1750 w/freq and days, cmty on Namibia, 343, announcer stated bcst was coming from RTVC, M/T/W/F, 12/13 (Cook, CA); 2218, FF, hi-life and lcl chants, FF OM IO, much QRM, 12/1 (Sharp, FL)

EGYPT

- 9027 0500 R. Vatan; Farsi, tx by OM, ID, mx and Koran, weaker than Iran on 9022, 333, 12/1 (Sharp, FL)
- 9475 0225 R. Cairo; EE, end of nx into current events px, 11/27 (Schlesinger, TX); 0305, EE IO, cmty (Addison, KS); 0300, ID, nx, native mx (Norman, NC)+2
- 9805 2210 R. Cairo; EE, px on museums in Cairo, 11/14 (Kobylski, MO) 2130, EE, "Nx from Cairo," cmty on Israel and peace, 11/14 (Krist, VA); EE, tx abt PLO (Manning, TX); 2151 (D'Angelo)
- 9850 2320 RC; FF, tx by OM and YL, "office mx" (B. Miller, CA)
- 12000 0236 RC; EE, "Pioneers of civilization," IO, then listener's mail px, 11/18 (Speer, CA)
- 17690 1555 RC; Urdu, tx on world events by OM, 11/19 (Ulmer, LA)

ETHIOPIA

A recent announcement in the "Radio Freedom" program bcst in EE over the Voice of Revolutionary Ethiopia from 1930 to 2000 on 9595 kHz stated that from November 1st, c "Radio Freedom" would also be bcsting in Zulu and Sesotho. (BBCMS) Recent observations of the "Voice of the Broad Maases of Eritrea," a station hostile to Ethiopia, show that it is heard on the following frequencies: 14333, 7430-7485, and 3730-3795 kHz. The station announces the use of two shortwave channels: 7.3 MHz and 3.5 MHz. (BBCMS) **A full sked for this appeared last month. mln.

- 7110t 0336 VORE; flute mx alternating w/OM, tx in AA S LL, presumably Amharic, 11/30 (Hall, CA)**Sounds like VoRE, Stu. Good luck on the verie...I've sent them four reports. Nothing.

GABON

- 4811 0500 Africa #1; FF, wide variety of non-Afro pops, YL/OM, 11/21 (Schlesinger, TX); 0516, pop songs (Tordoff, CA); 2235, Afro vocal mx, nx at end, no ID hrd, 352, 11/12 (Fraser, MA)
- 11940 2245 ANO; FF, drums, mention of Libreville, into nx, s/off 2301, 12/6 (Paul, AZ); *0456, s/on w/ANO jingle after awful whistle for 10 minutes...can we take up a collection to buy them an IS? (Speer, CA)**Sure, I hear R. Station Peace and Progress says its IS can be had for the right number of rubles...mln. 1950-2225 (Alexander, Hotaling)+2
- 15435 2010 RFI; FF, ID, OM tx, mx, 11/28 (Alexander, NC)

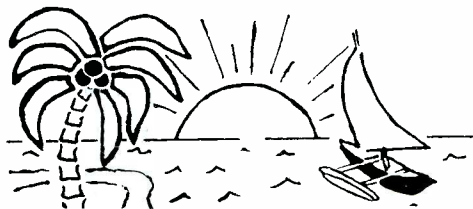
GHANA

- 3350 0600 GBC-1/Ejura; YL w/nx in EE; OM w/nx in Vern at 0615, right after ID, 11/30 (S. Hall, CA)
- 3366 2235 GBC-2/Accra; OM w/EE mx, choir type mx between anmt (F. Johnson, IL)
- 4915 0600 GBC; EE tx of attempted coup, into lang, tx by OM (Burke)

ASIA-OCEANIA

EDITOR:
TOM SCOTT
1200 Cornwell
Yukon, OK 73099

DEADLINE: 12th of each month
FREQUENCIES IN KILOHERTZ
TIMES ARE IN GMT
0000=sign on 0000=sign off



Well, my friends, if you are reading this I would say that the old saying "the third times a charm" is correct. After two months of having the good old Post Office eat my column, I hope this has made it. I want to thank all those who have stayed with me and continued to send reports. I hope that my luck has changed and that with the new year comes a new pledge from the Post Office that my column will make it. I hope that you all had a very happy holiday season and may the new year bring good health and good dx.

ASIA

Democratic Republic of AFGHANISTAN

4450 1250 R. Afghanistan: ? Lang; Chanting, OM Tx (232 11/18 Moman-ALB) (0150 232 11/18 Moman-ALB)
4740 0222 RA: Vern; Exotic Eastern Inst. Mx, clear ID, YL Tx IS? (222 11/12 Gilster-NC) (1249 232 11/18 Moman-ALB)

BURMA

5040 1456 Burma Broadcasting Svc: EE; YL Nx, US Type Pop/Disco Mx, Birthday/anniv. greetings to listeners relatives (222 12/3 Tordoff-CA)
5985 1128 BBS: Burmese; Presumed here with Burmese folk mx, Tx YL/OM // 5040 (Fr 11/14 Lobdell-MA)

People's Republic of CHINA

I would assume that most of you now know about the "name change" of R. Peking. If not, let me give you the info via a letter sent to Dan Hosmer of MI. "We would like to inform you that Radio Peking will be called Radio Beijing as of Jan. 1, 1983. The spekking of 'Peking' was changed to 'Beijing' in 1979 when China's State Council decided to use the Chinese phonetic alphabet to Romanize Chinese names and places." It's interesting to note that the letter is signed "English Dept. Radio PEKING!"

4220t 0026 Xinjiang PPBS, Urumqi: ? Mong?; Tx, (232 11/18 Moman-ALB)
4735t 0001 Xinjiang PPBS Urumqi: ? Lang; YL Tx (333 11/18 Moman-ALB)
4770 1218 Brijing/Taiwanese Sce: CC; interviews, Mx, TX (333 11/23 Ulmer-LA)
4905 2203 Beijing/CPBS-Px1: CC; OM/YL Tx (454 11/23 Leite-MA) (2230 232 11/17 Moman-ALB) (232 11/21 Cucura-PA0)
5040 0908 Fujian PPBS, Fuzhou: CC; OM/YL Tx, ID (322 12/5 Palmer-WA) (0940 322 11/26 Halbert-CA)
5170 1210 Fujian Front Station-PX2: Amoy; CC Opera Mx, YL Tx // 4840, 4380, #770 (353 11/21 Ray-PA)
6345P 1017 R. Beijing: RR; OM tx, flute Mx, jammed 1056* // 6560 also jammed (332 11/19 Lucas-CA)
9080 1240 Beijing/CPBS-Px1: CC; YL Tx, Mx (252 11/21 Ray-PA)
9490 1214 Xizang PPBS, Lhasa: CC; Opera (222 11/7 Schlesinger-TX)
9860 *0830 RB: EE; Nx, Rpt on 1st US/China Energy Conf, Mx (555 11/13 Krist-VA)
11515 2000 RB: EE; Nx, Info (213 11/18 Card-RI)
11645 0330 RB: EE; Mx, OM?YL ID (343 11/14 Zolla-CA)
11650 0100 RB: EE; OM, Wld Nx, (444 12/3 Valentine-CA) (0400 252 11/27 Claytor-MI) (0229 433 11/19 Ulmer-LA) (0301 333 11/2 Winkelman-OK)

PRC Con't

11655 0111 RB: EE; YL Nx, OM Tx, ID (333 11/21 Pfeffer-NY)
11695 1650 RB: CC; YL, Mx OM/YL Tx off 165501700 (222 11/11
Hotaling-NV)
15120 0304 RB: EE; YL Nx, Cmty, ID (333 11/23 Winkeiman-CK) (444
(0100 444 11/19 Muzyka-NY) (0200 343 11/15 Hosmer-MI)
(0419 322 11/2 Pfeffer-NY)
15520 0140 RB: EE; YL Px, "Mx from China" 0155* (433 12/5 Traver
Smith-CA) (0000 555 11/29 Card-RI) (0203 544 11/28
Palmer-WA) (0310 444 11/22 Coleman-MA) (2305 334 11/18
Miller-CA) (0040 333 11/18 Hotaling-NV) (0326 343 11/14
Schlesinger-TX) (0027 454 11/14 Krist-V)A(0115
Gd 11/11 Koehler-II) (2300 11/9 Schulsinger-OH) (0300
GD 11/8 Hecht-PA) (0010 322 11/3 Hotaling-NV)
15630 0130 RB: EE; "Listeners Letterbox" PX, Mx (354 11/16 Craig-OH)
17650 0115 RB: SS; OM, Mx, Nx (444 11/18 Valentine-CA)

Republic of CHINA (Taiwan)

5985 0630 Voice of Free China: EE; Journey into CC Culture, Mx
Info on Taiwan (555 11/23 Philip-BC) (0621 433 11/22
Leonard-ME) (0700 444 11/19 Lord-CA)
11740 0200 VOFC: EE; Nx, Cmty CC Lang Lesson, Mx (333 12/3
Zilmer-NM) (0220 444 11/22 Coleman-MA) (0209 454 11/20
Paul-AZ) (0228 443 11/19 Ulmer-LA) (0222 322 11/15
Leonard-ME) usa relay?
11745 1435 VOFC: JJ; YL Tx, Pop Mx (444 11/22 Miller-CA) (*2250
Mandarian 111 11/7 Greenwald-WY)
15130 2215 VOFC: CC; ID, Mx, (444 11/18 Norman-DC)
15225 2358 VOFC: CC; YL Tx 0003* (322 12/4 Traver Smith-CA)
17800 2140 VOFC: EE; Nx, Tx on Tex, Mx (2444 11/20 Hahn-CA) (2225 444
11/18 Hotaling-NV)

Republic of CYPRUS

6180 2129 BBC World Sce/Relay: EE; "The pleasures Yours" Px (333
11/28 Krist-VA)
15420 0400 BBC/Relay: EE; "This is London", ID, Nx (333 11/15
Leonard-ME)

Republic of INDIA

4800 1220 All India Radio/Hyderabad: Vern/EE; OM Tx, 3 pips, YL
Nx, sitar Mx, Tx (343 11/15 Qilczek-IL)
4820 1306 AIR/Calcutta: Hindi?; OM Sports Game // 4800, 4920 (232
11/28 Wilczek-IL)
7412 1530 AIR: EE; Time pips, ID YL, Nx (211 11/6 Moman-ALB)
11620 1855 AIR: EE; OM/YL, ID, Mx (222 11/22 Hotaling-NV) (2158 131
11/6 Schlesinger-TX)
11830 0145 AIR: Urdu; Rapid Tx OM, sked (343 11/19 Ulmer-LA)
15335 1430 AIR: EE; YL TD, Ftr Px (342 11/13 Schlesinger-TX)

Republic of INDONESIA

3427 1238 RRI Manokwari: Indo; Indo Pops, YL Xinger (242 11/11
Wilkins-CO)
4719 1210 RRI Ujung Pandang: Indo; Nx OM YL Tx (342 11/23 Ulmer-LA)
4845 1258 RRI Ambon: Indo; ID YL, Slo-instrumentals (333 11/18
Moman-ALB)
11789 1514 Voice of Indonesia: EE; Indo Pop Mx, Px, het (433 11/19
Ulmer-LA)
11796? 1212 VOI: EE; YL Ann, Indo exports, flutter, ID (322 12/3
Palmer-WA)

Islamic Republic of IRAN

9022 1937 VOIRI: EE; OM Nx/wld Nx, ID Cmty (232 12/5 Ray-PA)
(1948 242 11/25 Ruckman-OH) (2008 353 11/24 Stephany-NY)
15084 0547 VOIRI: SS; ID, Tx, rev. stuff OM (333 11/28 Johnson-IL)

Republic of IRAQ

9745 *2130 R. Baghdad: EE; IS, s/on, ID, Px Notes, Mx, Nx (322
11/16 Hosmer-MI) (2146 322 11/13 Gunter-NC) (2208
454 11/12 Fraser-MA) (2219 322 11/10 Lucas-CA)
(2206 131 11/6 Schlesinger-TX)

State of ISRAEL

7410 0000 Kol Yisrael: EE; ID, Nx, HH Lang Lessor C026* (344 11/15 Hosmer-MI) (0110 343 11/21 Pfeffer-NY)
 7412 0203 KY: EE; Nx px on death of Mrs Begin (434 11/15 Schulsinger-OH)
 9420? 0519 KY: EE; EE Nx, Wx, Review of Press 0515 into FF // 11610, 11638 343 11/21 Hosmer-MI)
 9440 2000 KY: EE; Nx, Esp. for you, studio 3 (242 12/2 Zilmer-NM)
 9815 0506 KY: EE; Nx, 0515 Nx FF (333 11/25 Leonard-ME) (0017 433 11/23 Craig-OH) (0105-0125* 444 11/21 Pfeffer-NY) (0215 444 11/16 Addison-KS)
 9895 0005 KY: EE; Nx, "Forum" Israel Quiz Time" 0027* (433 11/18 Manning-TX)
 11637 0515 KY: EE; Nx, Fx, (9815, 9420, 11610, 11637) for NAM, WEU (333 11/26 Leonard-ME)
 11640 0205 KY: EE; ID YL Nx (333 11/3 Addison-KS)
 11655 0100 KY: EE; OM/YL ID, Nx (333 12/6 Valentine-CA) (*0200 343 12/5 Traver Smith-CA) (2232 555 11/10 Krist-VA)

JAPAN

3910 1230 Far East Network: EE; Pop Mx (333 12/1 Zilmer-NM)
 3925 0641 JOZ5-NSB: JJ; Mx, OM/YL, ID (33 11/16 Halbert-CA) (102) 243 11/14 Provance-OH)
 3945 0845 R. Japan: JJ; Mellow Instrumentals, YL Tx (333 11/12 Lucas-CA)
 7140 0842 RJ: KK: IS Nx (222 11/13 Wilkins-CO)
 9505 0925 RJ: EE; Nx wrap-up 0930* (444 11/25 Wieboldt-FL) (333 11/23 Valentine-CA)
 11705 1630 RJ: EE; OM Tx (444 11/12 Valentine-CA)
 15235 1025 RJ: EE; DX Nx, Public opinion Poll, Nx, Mx (242 10/25 Wetensten-OH)
 15300 0040 RJ: EE; OM Nx, Tx 0045* (444 12/5 Traver Smtih-CA)
 17755 2111 RJ: EE; Nx, Feature on JJ/UN, Nx (222 12/1 Manning-TX) (0115 444 11/18 Valentine-CA)
 17825 0226 RJ: EE; Round-up Nx OM SS 0230 // 21610, 15195 (454 11/18 Paul-AZ) (2350 242 11/17 Ray-PA) (0220 222 11/11 Gallagher-MA) (0225 222 11/9 Craig-OH)

People's Republic of KAMPUCHEA

11938 1245 Voice of the People of Kampuchea: Laotian; OM/YL Mx (333 11/14 Kobylski-MD) (1300 322 11/11 Hosmer-MI)

Democratic People's Republic of KOREA (NORTH)

3015 1254 Choson Chungan Pangson: KK; end of Mx Px, OM (342 11/17 Schlesinger-TX)
 6400 2245 CCP: KK; OM/YL Mx (Fr 11/16 Parks-FL)
 9977 1145 R. Pyongyang: EE; Mailbag, Tx on education (333 11/27 Kobylski-MD) (1146 544 11/18 Miller-CA) (1208 443 11/14 Schlesinger-TX)
 11930 2350 RP: ? Lang; ID Tx, Mx (333 11/23 Zilmer-NM)
 15230 0025 RP: EE; YL ID, Tx against US, 0047* (333 12/1 Preston-CA)

Republic of KOREA (SOUTH)

3930 1257 Korean Broadcasting System/Suweon: KK; OM/YL ID, Ezl Mx, Time pips (322 11/17 Schlesinger-TX)
 9750 1330 R. Korea: EE; Nx, Death of boxer Kim (322 11/21 Wetensten-OH) (1345 333 11/17 WLA-OH) (1420 343 11/13 Schlesinger-TX)
 11810 0243 RK: EE; Mx, YL ID, OM Px on History of Korea, YL with requests for reception reports, OM ID (323 12/1 Ward-WY) (0606 222 11/21 Hosmer-MI)
 11830 1600 RK: EE; Nx, Tx on prep for Christmas (444 11/28 Hahn-CA) (1600 111 11/7 Greenwald-WY)
 15575 0200 RK: EE; Nx, Cmty // 11810 (343 11/30 Zilmer-NM) (0230 353 11/14 D'Angelo-PA) (0200 434 11/14 Miller-CA)

State of KUWAIT

11675 1835 R. Kuwait: EE; YL Nx, Wx ID "Sports Round-up" (343 12/5 Ray-PA) (0459 433 11/19 Ulmer-1A)
 15495 1336 RK:AA; Dix Px OM/YL (354 11/4 Ulmer-LA)

Republic of LEBANON

6215 0431 King of Hope: EE; Relg Message, C*W Mx, ID, OMTtx Dx
letters (333 11/20 Wilczek-IL) (0427 333 11/16 Cucura-
PA) (2225 Fr/Pr 11/12 Parks-FL) (0413 544 11/12 Stephany-NY)
6550 *0406 Voice of Lebanon: AA; IS, River Kwai March, NZ,
Mx, YL ID, OM Tx, Nx (232 11/20 Wilczek-IL)

MONGOLIAN'S People's Republic

12070 1153 R. Ulan Bator: EE; OM, IS, ID, Nx (222 11/19 Gilster-
NC) (1200 212 11/18 Wettersten-OH) (1421 222 11/11
Drollinger-WI)

NEPAL

9589 *1147 R. NEPAL: VERN; WORLD'S MOST BEAUTIFUL IS, HAUNTING
MX, CLEAR ID "YO NEPAL", INTO SHORT TX, HEAVY GRM,
VERY WEAK, NO DOUBT ABOUT ID (121 11/24 GILSTER-NC)

Sultanate of OMAN

11890 0303 R. Oman-t: AA; Nx OM, AA Vocal Mx, No ID (11/7 Lobdell-
MA)

Islamic Republic of PAKISTAN

5091/7t 1436 Pakistan Broadcasting Corp/Islamabad: EE, Nx OM, off usual
5095 (333 11/6 Moman-ALB)
11671 1140 R. Pakistan: EE; YL, OM Nx Urdu? 1745 (433 10/25 Palmer-
WA)
12015 1601 RP: EE; Nx at slow speed (232 11/29 Zilmer-NM)
13607 1715 RP: Turkish: Mx OM Tx, Anthem 1729* (353 11/7 Provance-OH)
15530 1608 RP: EE; YL Dictation speed Nx, end of xmisn 1615*
(222 11/27 Palmer-WA) (242 11/23 Zilmer-NM)

Republic of PHILIPPINES

11800 2100 R. Veritas Asia: EE; Pop Mx MS, ID YL (322 11/12
Carlson-WA)
11890 0811 Far East Broadcasting Corp: EE; OM Rel Px, Nx (243
11/19 Hesch-NY)
11955 1435 RVA: EE; Rel Px, Nx, ID, Fx (332 11/19 Ulmer-LA)
15215 2155 VOA Relay: KK; YL Tx, ID, 2200* (433 11/18 Hotaling-NV) *
17810 0000 FEBC: EE; Salvation Px, Nx, Tx on origin of Life, ID, Nx
(141 11/21 Spemo-NY) (0040 Fr/Gd 11/19 Paul-AZ)

Kingdom of SAUDI ARABIA

5875 0334 BSKSA: AA; HS, OM/YL Tx, (211 11/14 Schlesinger-TX)
11855 1850 BSKSA: EE; OM Nx, ID, Tx, Cmty (232 12/4 Preston-CA) (1840
444 11/18 Carlson-WA)
15060 2245 BSKSA: AA; AA Chants 2258* (222 11/13 Kobylski-MD)
(1906 252 11/6 Schlesinger-TX)
17930 2219 BSKSA:AA; ID, Tx //15060 (454 11/21 Ulmer-LA)

Republic of SINGAPORE

9740 1315 BBC Relay: EE; Nx, ID (444 10/26 Winkelman-OK)
11750 0900 BBC Relay: EE; Nx (444 11/19 Hahn-CA) (1610 333 11/7
Greenwald-WY)
11940 1600 R. Singapore: EE; Nx, Wx 1604* (454 11/20 Paul-Az)
11944 1549 RS: EE; Pop Mx, YL, Mx requests (344 11/22 Miller-CA)

Democratic Socialist Republic of SRI LANKA

9720 1348 Sri Lanka Braocasting corp: EE; Mx, TC, ID, "Word of
Life" (332 12/4 Lucas-CA)
15425 0145 SLBC: EE: "Back to the Bible, ID, Time Pips, OM Nx
(333 11/10 Cucura-PA)

THAILAND

11905t 12a1 R. Thailand: Khmer?; OM Tx heavy GRM RR @11910 (222
11/14 Schlesinger-TX)

TURKEY

7155 2210 Voice of Turkey: EE; Nx OM (222 11/6 Schlesinger-TX)
9560 2200 VOT: EE; Nx, Cmty, Mx, Info on Turkey, Fx, Time 2250*
(333 11/22-Zilmer-NM) (444 11/14 Krist-VA) (454 11/12
Fraser-MA) (2203 443 11/10 Cucura-PA)

UNION OF SOVIET SOCIALIST REPUBLIC

Armenian SSR
 4990 0436 Yerevan: Arm; OM/YL, Lite Mx //4810 (232 11/20 Cucura-PA)
 15100 0331 Yerevan: Arm: Nx OM/YL Cmty (343 11/7 Ulmer-LA)

Azerbaijan SSR
 4785 0415 Baku: Azer; YL Mideast Mx, ID (333 11/20 Cucura-PA)

Karelian ASSR
 4780 0540 Petvozavodsk: RR; OM Tx on US Nuclear Arms // 5065 (222 11/19 Cucura-PA)

Uzbekistan
 9600 1200 R. Tashkent: EE; Nx, Cmty, MAilbag (11/20 Grishin-ONT)

UNITED ARAB EMIRATES

15320 1653 UAE Radio: Tx Px, (332 11/6 Schlesinger-TX)
 21655 1630 UAE Radio: EE; Nx, Wx (333 11/27 Duncan-NC) (*1616 454 11/25 Krist-VA) (1615 544 11/19 Claytor-MI) (1612 444 11/19 Ulmer-LA)

Socialist Republic of VIETNAM

10080 2346 Voice of Vietnam: EE; ID, Viet Mx (343 11/27 Ulmer-LA) (1116 342 11/24 Kobylski-MD) (1100 433 11/12 Wettersten-OH)

People's Democratic Republic of YEMEN

6005 2054 DYBC: AA; Px of AA Mx, YL, OM ID, Nx 2200* (343 11/27 Wilczek-IL)

YEMEN ARAB REPUBLIC

9780 2058 R. San'a: AA; chants, mx, ID, OM/ Nx? (434 11/28 Johnson-IL)

OCEANIAANTARCTICA

Argentinian Sector
 15474 2354 LRA 36/R. Nacional Arcangel San Gabriel: SS; YL Mx, ID? (232 11/6 Hall-CA)

Commonwealth of AUSTRALIA

4920 0847 VLM4-Australian Broadcasting Corp/Brisbane: EE; Mx Request show, OM, Lt Rock (333 12/5 Palmer-WA) (1146 121 11/18 Gilster-NC) (0749 232 11/16 Cucura-PA) (0810 333 11/14 Hotaling-NV)
 5995 1305 R. Australia/Lyndhurst: EE; World Nx, ID (333 11/20 Leonard-ME)
 6060 1410 RA/Shepparton: EE; Nx, Financial Rpt, "Australian News Time" Mx (444 11/16 Winkelman-OK) (1425 444 11/12 Greenwald-WY)
 9570 0845 RA/S: EE; Sportscast (444 11/17 Gunter-NC)
 9580 1100 RA/S: EE; "Australia Tonight", World Nx, Aust. Nx Insight (544 11/26 Grishin-ONT) (1158 555 11/13 Krist-VA) (1140 544 11/5 Hill-SC)
 9610 1310 VLW 9/ABC-Wanneroo: EE; Jazz Px (444 11/14 Kobylski-MD) (1135 555 11/13 Krist-VA) (1355 333 11/22 WLA-OH)
 9760 0730 RA/S: EE; Nx, Look at a refugee station, items of S. Pacific Interest, "PNG Sce" (353 11/11 Krist-VA)
 9770 1000 RA/S: EE; Nx, "Australian Nx in Brief" Sped Ed of "Four corners" Px, "Mx Front" Px (444 11/13 Krist-VA) (1245 444 11/10 Norman-DC)
 11725 1800 RA/S: EE; OM World and Pacific Nx, Local Nx, Mx (333 11/27 Preston-CA) (1801 333 11/19 Lucas-CA)
 11905 2200 RA/Carnarvon: Viet; EE ID, Px beamed to Viet (332 11/29 Zilmer-NM)

Australia con't

15115 0630 RA/S: EE; TC/ID, Country Mx, TC/ID, Pop Mx (555 11/23 Thompson-CA)
 RA/L: EE; Sports, OM ID (222 11/23 Norman-DC)
 15240 2145 RA/L: EE; Spectrum show, DX Report (322 11/7 Siehicki-NJ)
 15160 0600 RA/S: EE; Sports Report (222 11/20 Zilmer-NM)
 15310 2245 RA/? : EE; Rock Mx // 21680, 15115 (244 11/26 Halbert_CA)
 15395? 0756 RA/S: EE; Px of brass band Mx, Pop Mx, ID, IS FF 0500
 17795 0430 (253 12/2 Preston-CA) (0200 454 11/28 Zolla-CA)
 (0320 353 11/22 Gilster=NC) (0350 434 11/8 Harrell_IL)
 21680 0738 RA/S: EE; Px of brass band Mx (234 11/26 Halbert-CA)
 21740 0100 RA/s:EE; OM, ID, Nx, Mx (433 12/6 Valentine-CA) (0115
 444 11/18 Valentine-CA) (0006 333 11/18 Paul-AZ)
 (0100 s-9 11/15 Hubbard-OH) (0200 333 11/11 Hill-SC)

GUAM

9505 1400 KTWR: EE; Religious Px (322 11/10 Schulsinger-OH)
 9590 1159 KTWR: ? Lang; OM Tx, EE ID, (444 10/30 Winkelman-OK)
 11840 0748 KTWR: EE; Relig Px, ID 343 11.19 Hesch-NY) (0822
 353 11/2 Tordoff-CA)
 11920 1450 KTWR: EE/??; Souds of Praise Mx Px, into unid Asian
 language at 1500 with KTWR ID YL (343 11/11 M. A.
 Schulsinger-OH)

NEW CALEDONIA

7170 *0835 Adventist World Radio via FR3: FF; OM w/biblical
 message; AWR Via FR3 Noumea can be hrd *0840-0840* on
 Tue & Fri. (444 11/5 Wilczek-IL)

NEW ZEALAND

15485 0455 R. New Zealand: EE/Maori: National Px, OM Nx in Maori;
 time tick, ID, Local, wx, cmtly (152 12/2 Preston-
 CA) (0500 333 11/24 Siehicki-NJ) (0712 151 11/22
 Spreino-NY) (0430 4444 11/15 Norman-DC)
 17705 0500 RNZ: EE; OM Local Nx, checkpoint Px YL/OM Disc.
 cmtly on NZ rail problem horse racing, gov't
 lotteries and agriculture: OM Sx Nx

PAPUA-NEW GUINEA

4890 0841 P2T4/NBC-Port Moresby:EE; Sx, ID, Ezl Mx, Local Nx (342
 11/26 Ulmer-LA) (1107 444 11/11 Johnson-IL) (1200 233
 11/10 Norman-DC) (0740 444 11/10 Tordoff-CA)

POLYNESIA (French)

Tahiti (Society Islands)
 11825 0630 R. Tahiti: Polynesian; YL/OM Tx, Pop Mx (344 12/2
 Preston-CA) (0718 343 11/16 Cucura-PA)
 15170 0500 R. Tahiti: PP; YL Local Nx, Mx (333 11/16 Norman-DC)

SOLOMON ISLANDS

5020 0700 Solomon Islands Broadcasting Corp: EE; Ads, OM Local
 Spx (333 12/1 Thompson-CA) (242 11/16 Cucura-PA)
 (0916 253 11/14 Provance-OH) (0900 333 11/6 Moman-ALB)
 9545 0640 SIBC: EE/Pidgin; OM Ants, local messages, spts, time,
 wx, ads (242 12/2 Preston-CA)

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Here is a note from Peter Card, "Very rare DX Opportunity. All is go for action to take place at Heard Island in January for about six weeks time by two DXpeditions by ham radio operators. Calls expected are VKØBI, VKØNL, and VKØSMM for maritime mobile. Last time it was on was back in 1969 with VKØWR. Here is a chance on Ham for a rare catch, thought you would like to know.

Well with the little space left, may I say that I hope this reaches the Jan. issue (may arrive for Next year in Dec. But good Dxing goo fortune and good hearth in the new year.

73's TOM

WORLD SERVICE STATION SKEDS

PROGRAMMI

BULLETIN DE PROGRAMMES

ENGLISH SERVICE

PROGRAMME SCHEDULE

STATION SKEDS

Editor:

CHRIS LOBDELL
P.O. Box 146
Stoneham, MA 02180

Deadline: 12th

EMISSIONS

TRASMISSIONI

PROGRAMS

SERVIZIO

COMUNICATI NEL CORSO

Hello there SPEEDXers. Welcome to 1983. I hope all of you had a great Christmas and New Years. This is the prime period for listening to shortwave as stations fade in earlier in the afternoon and fade out later in the AM. The current listening period is the winter D82 period which remains in effect until March of 1983. Unless otherwise stated, schedules are for English programs, times are in UTC/GMT. Skeds credited to the BBCMS are copywrited by the BBC's World Broadcast Information Division and are used by permission.

AUSTRALIA. Radio Australia in Melbourne has this North American D82 schedule.
0200-0400 17795, 21740
1100-1300 9580
(R. D'Angelo, K. Krist, R. Yajko)

AUSTRIA. Austrian Radio in Vienna has this North American Service sked as monitored on November 27th.
0130-0157 5945, 9770
1230-1257 21615
(R. Fraser.)

BRAZIL. Radio Bras in Brasilia announced this sked over-the-air on November 29.
1800-1900 15435 Europe
0200-0300 17830 Central/N. America
(C. Alexander)

BULGARIA. Radio Sofia has this Spanish language schedule for those interested in increasing their skill in this area.
0200-0300 9560, 11765, 15310, 15370
0500-0600 9665
2130-2200 11720, 15310, 15370
2330-0030 9560, 11765, 15310, 15370
(C. George)

CANADA. Radio Canada International has this schedule to North America valid until March 6th, 1983.
0100-0130 5960, 11850
0200-0230 5960, 9535*, 9755*, 11845, 11940*
0300-0330 5960, 9535, 9755, 11845, 11940
0400-0430 5960, 9535, 9755
1300-1325@ 9575, 11955
1400-1700# 11955
2300-0000# 5960, 11850

CANADA (CONTINUED):
2300-2330& 5960, 11850
2300-0100@ 5960, 11850
* = Saturday and Sunday only.
@ = Monday thru Friday only
= Sunday only
& = Saturday only
(M. Flannagan, K. Krist, D. McCants, L. Taylor.)

CHINA (Taiwan): The Voice Of Free China in Taipei has this schedule valid until March 5th.
0100-0200 11825 North America
15345 "
17890 Australia/N.Z.
0300-0350 11825 North America
15345 "
17800 "
17890 Australia/N.Z.
2030-2130 9510 Africa/ME/We. Europe
9610 "
11860
15225
17720
2140-2240 11825 North America
15345 "
17800 "
17890 Australia/N.Z.

VOFC VIA WYFR-Florida
0200-0300 5985 The Americas
0300-0400 5985 "
(M. Flannagan, K. Krist, W. Muzyka)

CUBA. Radio Havana sent along this D82 English schedule.
0100-0450 11930 The Americas
0100-0600 15300 "
0330-0600 11760 "
0630-0800 6020 "
1700-1800 11765 Africa
2010-2140 11950 Northern Europe
2050-2140 11725 The Americas
11780 "
2200-2300 7135 Northern Europe

CUBA (CONTINUED):

(L. Burke, J. Demmitt, C. George, R. Hesch, K. Krist, C. Stark, R. Yajko)

CZECHOSLOVAKIA. Radio Prague has this undated schedule enclosed with a New Year's greeting. North American Service.

0100-0157 5930, 7345, 9540, 9740, 11990, 9630, 11970
0300-0357 (same as 0100)
(J. Fortman, C. George, K. Krist, C. Radtke, C. Stark)

FRANCE. Radio France International in Paris has this D82 schedule for the English program "Paris Calling Africa".

1600-1700 6175 Europe
15200 Africa
15300 "
15315 "
17620 "
17795 "
21525 "
21580 "
21620 "

(R. Fraser, C. George, K. Krist, M. Pfeffer, S. Sienicki, T. Smith, C. Stark)

GABON. Africa Number 1 in Libreville has this schedule, current as of November 25th. All broadcasts are in the French language.

0500-0600 11940
0500-0800 4810
0500-1700 7200
0600-1700 15200
1700-2302 4810, 11940
(BBC MS)

GERMANY (Democratic Republic): Radio Berlin International has this current undated North American Service schedule.

0015-0100 9730, 11975 ECNA
0100-0145 9730, 11975 "
0230-0315 9730, 11975 "
0330-0415 9560, 11840, 11890 WCNA
0630-0715 6080, 9560 WCNA
(L. Burke, K. Krist, S. Sienicki, T. Smith)

GERMANY (Federal Republic): Deutsche Welle in Cologne sends this current North American schedule:

0100-0150 6040, 6085, 6145, 9545, 9565, 9640, 11785, 11865
0500-0550 5960, 6185, 9545, 9690, 11705
(D. Claytor, L. Taylor, C. Stark)

INDONESIA. Radio Republik Indonesia has this undated schedule.

0100-0200 11790, 15150
0800-0900 11790, 15150
Hmmm, no 1400 GMT service listed.
I wonder if it's been dropped? -crl-
(D. Greenbauer) No it hasn't, at least according to D. Ulmer.
1400-1500 11790, 15150.

ISRAEL. Kol Israel in Jerusalem has this D82 schedule. The Europe/North American Service.

0000-0030 7410, 9815, 11655
0100-0130 7410, 9815, 11655
0200-0230 7410, 9815, 11655
0500-0515 9420, 9815, 11610, 11637, 21710
1200-1230 15585, 15605, 17630, 21495, 21625
2000-2030 9009, 9420, 9815, 11637, 13745, 17685
2230-2300 9815, 11655, 13745, 15585, 17630
(R. Fraser, R. Stein)

ITALY. RAI in Rome has this D82 English schedule.

0100-0120 9575 North America
11800 "
0350-0410 11905 South Asia
15330 "
17795 "
0425-0440 6165 Mediterranean Area
7275 "
1935-1955 7275 Great Britain
7290 "
9575 "
2025-2045 7290 Near East
9575 "
11800 "
2200-2225 5990 Japan
9710 "
11800 "

(Blake, L. Burke, M. Flannagan, R. Hesch, K. Krist, M. Oakley, M. Pfeffer, T. Smith, C. Stark)

JAPAN. Radio Japan has this D82 sked. to the Americas.

0130-0230 15195, 17825, 21610, 21640
2345-0045 15300, 17825
GENERAL SERVICE TO THE AMERICAS
0100-0130 17755 1900-1945 17755
0300-0330 17755 2100-2130 17755
0500-0530 15325 2215-2230 17755
0700-0715 15325 2300-2330 17755
0900-0930 9505
1100-1130 9505
1300-1345 9505
1500-1545 9505
1700-1730 9505
(K. Krist)

KOREA. Radio Korea in Seoul has sked effective on September 5th but seemingly still current.

0200-0300	11810	The Americas
	15575	General Service
0400-0500	9640	"
0530-0630	11810	The Americas
	11820	Europe
	15575	"
1000-1100	9570	The Americas
1130-1230	9870	ME, India, Africa
	15575	ME, North Africa
1300-1330	6135	General Service
1330-1430	9750	The Americas
1600-1700	7550	ME, North Africa
	11830	The Americas
1900-2000	9870	Europe
2130-2230	15375	General Service
	15575	Europe
0000-0100	7275	General Service
		(C. Alexander, J. Demmitt)

MEXICO. XERMX, Radio Mexico has undated #13 schedule in English.

0000-0010	5985,9705, 11770, 15430, 17765	Monday, Wed, Fri.
0010-0020	ditto	Sun., Thurs, Sat.
0030-0100	ditto	Friday
0100-0200	ditto	Friday
0315-0345	ditto	Sunday
2040-2045	15430	daily
2045-2100	15430	Tues., Thurs, Sat.
2245-2255	5985, 9705, 11770, 15430, 17765	Sun., Wed., Fri.

Dates given are Mexican (local dates) (C. Stark)

NEW ZEALAND. Radio New Zealand in Wellington has this sked valid until March 5th, 1983.

0730-1115	11960	Pacific
1700-2000	11960	"
	15485	"
2015-0715	17705	"
2015-1115	15485	Australia/NW Pac
		(P. Wettersten)

NIGERIA. Voice Of Nigeria in Lagos to North America.

1000-1200	15120
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(J. Demmitt)

PAKISTAN. Radio Pakistan in Karachi has this schedule as printed in the December issue of Pakistan Calling.

1645-1745	11670, 15545
SLOW SPEED NEWS BULLETINS	
0230-0245	17840, 21595, 21755
1100-1115	17660, 21802
1600-1615	17640, 17660, 15530, 15565, 21485

(direct)

PHILIPPINES. Radio Veritas has this schedule valid until February 13th.

0000-0030	15195
	15280
1430-1500	11955
	15215

(M. Hardester, C. Stark)

POLAND. Polish Radio (Radio Polonia) has the North American Service schedule dated 11-82 to 5-83.

0200-0230	6095, 6135, 9525, 11815, 15120
0300-0330	6095, 6135, 9525, 11815, 15120
1130-1200	9525, 11840, 17865

(M. Flannagan, K. Krist)

PORTUGAL. Radio Portugal in Lisbon has this schedule, dated November 7th.

0300-0330	6025	ECNA
	11925	"
0530-0600	6075	WCNA
	9575	"

(L. Burke, G. Duncan, P. Wettsten)

QATAR. The Qatar Broadcasting Service in Doha has the sked listed below. Programs are in Arabic.

0245-0705	9570, 15505
0705-0900	9570
0900-1600	9570, 17910
1600-1700	17910
1700-2130	15505

(C. Radtke)

SEYCHELLES. FEBA in Mahe has this sked, dated November 4th.

0400-0500	11810	East Africa	Sat/Sun
	15200	"	"
1225-1230	11865	South Asia	
	15320	"	
1500-1600	11895	South Asia	
	15325	"	

(BBC MS)

SWITZERLAND. Swiss Radio International in Berne has this North American Service schedule, valid until Sept. 24th, 1983.

0145-0215	6135, 9725, 11715, 15305
0430-0500	9725, 11715
1315-1345	21570

(W. Muzyka, S. Sienicki, T. Smith)

Many thanks for the great response this time around!! See you next month.

735,
Chris

UTILITY SCENE

EDITOR: MIKE CHABAK
6171 E. Bellevue #19
Tucson, AZ 85712

DEADLINE:
12th Day of
the Month

AM RTTY USB ISB
LSB CW FAX A3H

**COLUMN
COVERAGE**
0-30 MHz
H.F.

The UTILITY SCENE is arranged as "two continuous side by side vertical columns" You read down this left hand column to the last page; return to the first page, then down the right hand column.....

XMSN MODES: A-am.. C-continuous wave(CW).. F-facsimile.. I-independent side band.. L-lower side band.. M-modulated CW.. R-radioteletype.. S-single side band.. U-upper side band.. 3-A3H..

Hello Gang: Interest in RTTY has grown to such a degree that I see no further need to present this as a separate entity. As such, this month I will run an experiment, and incorporate RTTY in with its voice & CW brothers. Look it over and comment...
(YES) Mix in the RTTY.... (NO) Leave RTTY as a separate sub-section.... Indicate your choice. Majority opinion will decide course of action.

** The 1st installment to the SRGU should be printed by now. Check this or next months bulletin for details.

For the benefit of those who joined up since the revised Speedx Utility Guide (SRGU) effort was started: The SRGU is NOT a Speedx HQ research project! It is primarily a cooperative effort, by you the utes, feeding CURRENT info into a centralized data collection center. (namely me) Ergo, the SRGU is basically by the utes, for their fellow utes..... I have neither the resources, time or money to research and track down every single aspect of utility comms. I therefore rely on you to supply ANY CURRENT DATA that has come to your attention.

If you can assist, by all means do so, and not assume that someone else will.....

SRGU NEEDS - The major item is CURRENT mailing addresses on everything except the US Military... Those of you who QSL can also help by simply writing the address data on the back of the strip you send in....

I am now drafting the 2nd installment, which will include the USOG....

** To the RTTY buffs: In the NOV 82 column I asked for your assist. (primarily from those proficient with RTTY) Your response was very surprising. Let me put it this way. If I had asked the RTTY buffs for water, by now I would have died of thirst! Do you want to see RTTY coverage in the SRGU? I do, but I need your assistance.... I'm soliciting comments, based on actual usage of your RTTY equipment. Pitfalls to watch out for, ways to avoid or overcome them, operational hints, and so on, that the T.U./mini-reader instruction manuals don't cover.... Aim is to get the novice RTTYer through the initial stages of bewilderment and frustration, and on the road to becoming a competent RTTY monitor. You've been there - you can help out. So.....??

- 6506.4 U var. NRPY- CGC FLANETREE, NRUO- CGC POLAR SEA, MODU- CGC SEDGE, NEWN - CGC CAPE CORAL w/kg CG Kodiak AK (JR-ND)
- 6521.9 U 0432 NMQW- CGC SWEETGUM w/kg CG Miami FL (RMA-IA)
- 6698a C 0027 YZAN- Yugo Navy vessel-name?? c/g FYKE (MDC-NY)
- 8385 C 0340 KNIJ- MANUKAI w/kg KFS San Francisco CA (DH-OH)
- 8364 C 0335 OXFU- SIENA w/kg KOK Los Angeles CA (DH-OH)
- 8390 C 1411 HMLF- MARITIME BRILLIANCE c/g WFD Tampa FL (RAC-VT)
- 8390 C 2012 UFKI- KOSMONAVT YURI GAGARIN c/g UFB Odessa (RAC-VT)
- 8731 U 0306 m/v CARNIVAL p/p via WOM Ft. Lauderdale FL (PAG-NC)
- 8984 U 0204 NRDD- CGC DUANE w/kg CG 1347. (CHS-IL)
- 8991 C 0906 IHKY- IT. NAVY (name??) callup to LNSP (JCD-CA)
- 10780 U 1637 VESSEL 1925 w/kg CAPE RADIO (SSSP) (RAI-OH)
- 12508 R 0427 ERNG- USSR vessel- name?? w/kg UJY- 66/170n (EDK-MI)
- 13113.2 U 2321 WTEF- NOAA RAINTER w/kg CG San Francisco CA (JR-ND)
- 13113.2 U 0035 NZIT- USNS CHATTAROOCHEE w/kg CG Honolulu (JR-ND)
- 13113.2 U 2333 NRUO- CGC POLAR SEA w/kg CG Kodiak AK (JR-ND)
- 13385 C 0108 UOIS- USSR vessel- name?? w/kg UCE2 (RLR-KS)
- 13385 C 0018 UZAS- KAPITAN MYCHEMSKIJ w/kg UGE2 (RLR-KS)
- 14470 U 2121 NNQDTZ- USS BELLEAU WOOD p/o via NNNØNAE (GRW-OH)
- 14477 U 2101 NNQØOZ- USS FORESTAL p/p via NNNØAAJ (CRW-OH)
- 16555.4 U 1847 ACOG- CHARGER c/g Portishead MARCO (HCB-WA)
- 16587.1 U 1704 KARH- SEALAND DEVELOPER c/g KSW Oakland CA (HCB-WA)
- 16590.2 U 1458 WF8911- PACIFIC SEAL w/kg KC91Ø (JDM-WN)
- 22017 U 1654 m/v LINGLOM SHIP p/p via Portishead (MI-ME)
- 22124 U 1910 MWCK- OVERSEAS NEW YORK w/kg KHT Cedar Rapids (HCB-WA)
- 22636 U 1737 GQFC- name ?? w/kg Portishead MARCO (MI-ME)
- 5505 U 1255 MAC 59406 w/kg Guam Aero (JDM-WN)
- 5603 U var. UNTTED 182, AMERICAN 2 w/kg San Francisco Aero (JDM-WN)
- 5610 U var. BIANGA 701, AVIANCA Ø11 w/kg Santa Maria Aero (JDM-WN)
- 5624 U var. AIR CANADA 860, MAC 80220 w/kg Gander Aero (JDM-WN)
- 5643 U var. QUANTAS 3, CLIFFER 816 w/kg Honolulu Aero (JDM-WN)
- 5648 U 1322 SOUTH PACIFIC 710 w/kg Auckland Aero (JDM-WN)
- 5673 U var. SPEEDBIRD 295, N.1.X.Y. w/kg Gander (GHS-IL) (JDM-WN)
- 5673 U 0321 AEROFLOT 567 w/kg New York Aero (JDM-WN)

**** AIRCRAFT ****

AK...: 8989.0 U var. ***** NORTH AMERICA *****
 CAN.: AKA5- Elmendorf Awws wkg MAC 50258/00550(HCB)(CCP)
 U 0610 VCP- Quebec CGR. t/c 11st (ML-ME)
 U 0342 VCP- St. Lawrence CGR. NTM b/c (ML-ME)
 U 0137 VOJ- Stephenville CGR. c/g VOMM (RAC-VT)
 U 1401 Bow Harbour, BC - WX t/c with ?? (DEM-ALB)
 U 1104 VPZ- Goose Bay CGR. - NTM b/c (ML-ME)
 U 2059 VOO- Sydney, NS - NTM b/c (ML-ME)
 R 0239 ROCROBA- CANMIL Kingston wkg RCGRGOA-60/??(DLW-PA)
 U 1205 FPJ26- CAN fishing fleet b/c- QTH???(RN-DC)
 U 1157 Yellowknife NWT- WX b/c (DEM-ALB)
 U var. VFG- Gander- VOLMET b/c (JRJ-MS)(RNP-CT)(PAT-CA)
 C 0630 CFH- CANMIL Halifax - V mkr (PAT-CA)
 C var. VAI- Vancouver CGR- V/QSX mkr (RMA-IA)(DH-OH)(PAT)
 U 0032 CHR- CANMIL Trenton - Aero WX b/c (WCA-AO)
 C 0120 CFH- CANMIL Halifax - Beffin Bay WX (no name)
 U var. VFG- Gander- VOLMET b/c (PAG-NC)(LJ-NT)(ML-ME)
 C var. CKN- CANMIL Vancouver - V mkr (HGJ-TX) (PAG-NC)
 U 2029 VFG- Gander Aero - VOLMET b/c (ML-ME)
 U 2250 CJX- CANMIL St. Johns - Aero WX b/c (JRJ-MS)
 U 1935 CHR- CANMIL Trenton - Aero WX b/c (MWJ-ID)
 C 1223 CFC- CANMIL Halifax - MAWS b/c (SAC-AUST)
 U 0257 Sondrestrom Aero wkg Japan Air 433 (JR-ND)
 C 2014 XPM- Manzanillo MARCO - Cq mkr (HGJ-TX)
 U 2450 WOU- Boston MAROP - NTM b/c (ML-ME)
 U 0550 NMG- CG New Orleans LA - NTM b/c (ML-ME)
 U 1046 NOY- CG Galveston TX - NTM b/c (ML-ME)
 U var. WSI70- N.Y. Aero- VOLMET b/c (PCG-RI) (ML-ME)
 C 0040 MLO- Mobile MARCO - WX b/c (RMA-IA)
 U 4310 C var. WNU41- Sildell MARCO - Cq mkr (PAT-CA) (JEB-CA)
 U 1315 MCK- St. Louis INWAR wkg Mobile Legend (RMA-IA)
 U 0100 CIVL Defense Exercise- Thunderbird calls (LMT-AZ)
 U 1354 WUD- USACE Chicago IL wkg AEEK (LJS-CO)
 U var. WSI70- N.Y. Aero- VOLMET b/c (PAT-CA) (ML-ME)
 (PCG-RI) (BCW-VA) (RNP-CT) (KRW-VA)
 C 0745 WNU32- Sildell MARCO - Cq/QSX mkr (PAT-CA)
 C 0156 WOE- Lantana MARCO - V mkr (HGJ-TX)
 C 0727 WPA- Fort Arthur MARCO - V/QSX mkr (PAT-CA)
 C 0740 WNC- Chatham MARCO - DE mkr (LJ-NT)
 U var. RNN- CG Portsmouth VA- NTM b/c (JX-NY) (BCW-VA)
 (ML-ME) (WCA-OH)
 U 1146 NWO- CG Honolulu HI - NTM b/c (ML-ME)
 U 0146 APA3- Andrews AFB MD wkg SAM 86971 (MDC-NY)
 U 0108 APA3- Andrews AFB MD p/p for TROUT 98 (CGP-CO)
 C 0148 KKN50- USDOS Wash DC- callup to ACA50 (MDC-NY)
 8989.0 U var. ***** NORTH AMERICA *****
 AK...: AKA5- Elmendorf Awws wkg MAC 50258/00550(HCB)(CCP)
 CAN.: U 0610 VCP- Quebec CGR. t/c 11st (ML-ME)
 U 0342 VCP- St. Lawrence CGR. NTM b/c (ML-ME)
 U 0137 VOJ- Stephenville CGR. c/g VOMM (RAC-VT)
 U 1401 Bow Harbour, BC - WX t/c with ?? (DEM-ALB)
 U 1104 VPZ- Goose Bay CGR. - NTM b/c (ML-ME)
 U 2059 VOO- Sydney, NS - NTM b/c (ML-ME)
 R 0239 ROCROBA- CANMIL Kingston wkg RCGRGOA-60/??(DLW-PA)
 U 1205 FPJ26- CAN fishing fleet b/c- QTH???(RN-DC)
 U 1157 Yellowknife NWT- WX b/c (DEM-ALB)
 U var. VFG- Gander- VOLMET b/c (JRJ-MS)(RNP-CT)(PAT-CA)
 C 0630 CFH- CANMIL Halifax - V mkr (PAT-CA)
 C var. VAI- Vancouver CGR- V/QSX mkr (RMA-IA)(DH-OH)(PAT)
 U 0032 CHR- CANMIL Trenton - Aero WX b/c (WCA-AO)
 C 0120 CFH- CANMIL Halifax - Beffin Bay WX (no name)
 U var. VFG- Gander- VOLMET b/c (PAG-NC)(LJ-NT)(ML-ME)
 C var. CKN- CANMIL Vancouver - V mkr (HGJ-TX) (PAG-NC)
 U 2029 VFG- Gander Aero - VOLMET b/c (ML-ME)
 U 2250 CJX- CANMIL St. Johns - Aero WX b/c (JRJ-MS)
 U 1935 CHR- CANMIL Trenton - Aero WX b/c (MWJ-ID)
 C 1223 CFC- CANMIL Halifax - MAWS b/c (SAC-AUST)
 U 0257 Sondrestrom Aero wkg Japan Air 433 (JR-ND)
 C 2014 XPM- Manzanillo MARCO - Cq mkr (HGJ-TX)
 U 2450 WOU- Boston MAROP - NTM b/c (ML-ME)
 U 0550 NMG- CG New Orleans LA - NTM b/c (ML-ME)
 U 1046 NOY- CG Galveston TX - NTM b/c (ML-ME)
 U var. WSI70- N.Y. Aero- VOLMET b/c (PCG-RI) (ML-ME)
 C 0040 MLO- Mobile MARCO - WX b/c (RMA-IA)
 U 4310 C var. WNU41- Sildell MARCO - Cq mkr (PAT-CA) (JEB-CA)
 U 1315 MCK- St. Louis INWAR wkg Mobile Legend (RMA-IA)
 U 0100 CIVL Defense Exercise- Thunderbird calls (LMT-AZ)
 U 1354 WUD- USACE Chicago IL wkg AEEK (LJS-CO)
 U var. WSI70- N.Y. Aero- VOLMET b/c (PAT-CA) (ML-ME)
 (PCG-RI) (BCW-VA) (RNP-CT) (KRW-VA)
 C 0745 WNU32- Sildell MARCO - Cq/QSX mkr (PAT-CA)
 C 0156 WOE- Lantana MARCO - V mkr (HGJ-TX)
 C 0727 WPA- Fort Arthur MARCO - V/QSX mkr (PAT-CA)
 C 0740 WNC- Chatham MARCO - DE mkr (LJ-NT)
 U var. RNN- CG Portsmouth VA- NTM b/c (JX-NY) (BCW-VA)
 (ML-ME) (WCA-OH)
 U 1146 NWO- CG Honolulu HI - NTM b/c (ML-ME)
 U 0146 APA3- Andrews AFB MD wkg SAM 86971 (MDC-NY)
 U 0108 APA3- Andrews AFB MD p/p for TROUT 98 (CGP-CO)
 C 0148 KKN50- USDOS Wash DC- callup to ACA50 (MDC-NY)

U var. CG 5800, CG 1485 wkg CGAS Corpus Christi (JDM-MN)
 CG 1490 p/p 8th USCG District via CG Miami (CGP-CO)
 U 0202 CG 1485, CG 2120 wkg CG New Orleans (JDM-MN)
 U var. CG 1503 wkg CGAS Elizabeth City NC (JDM-MN)
 U 0207 CG 1347 wkg CGC Duane (AK-MD)
 U 0055 CG 1434 wkg CGC Taney (BLA-PA)
 U 2036 CG 1454 wkg CG Kodiak AK- SAR ops (DEM-ALB)
 U 1156 CG 1454 wkg CG Kodiak AK- SAR ops (DEM-ALB)
 U 0158 LUFTHANSA 427 wkg New York Aero (RMA-IA)
 U 1307 SOUTH PACIFIC 410 wkg Honolulu Aero (JDM-MN)
 U 0404 SPRINGBOCK 260 wkg Dakar Aero (PAG-NC)
 U 0154 CLIPPER 11 wkg Anchorage Aero (JDM-MN)
 U var. ALITALIA 722, AVIANA 752 wkg San Juan (JDM)(PAG)
 NIGERIAN 851, AEROFLOT 347 wkg N.Y. (WJS-ONT)(JDM-MN)
 U var. JET STAR 716, AVIANA 022 wkg N.Y. Aero (JDM-MN)
 U 0525 MAC 80214 p/p Phantom via LaJes Awws (GHS-IL)
 "688" wkg RAAF Townsville (JDM-MN)
 U 1135 CG 1487 wkg CG Boston MA (JDM-MN)
 U 1307 PAKISTAN AF 689 wkg MacDill Awws (WJS-ONT)
 U 0210 SCANDINAVIAN 7951 c/g Montevideo LDOC (RWP-ME)
 U 0258 MAC 50725 p/p FORNAV via Loring Awws (BCW-VA)
 U 1539 MAC 60137 p/p Hickam CP via Hickam Awws (GHS-IL)
 U 0047 MAC 40620 wkg Hickam Awws (HCB-WA)
 U 1705 AIR FORCE RESCUE 95829 p/p via Scott Awws (GHS-IL)
 U 0325 MAC 40609 p/p Nellis ALCG via Scott Awws (GHS-IL)
 U 2002 CANMIL 1414 wkg CANMIL Trenton (JDM-MN)
 U 1840 AIR FORCE RESCUE 50969 p/p via MacDill (JDM-MN)
 U 1618 CG 1414 wkg MacDill Awws (JDM-MN)
 U 1610 JAPAN AIR 47, NORTHWEST 87 wkg San Fran Aero (JDM-MN)
 U var. AFRICAN 288, L.T. 662 wkg Khartoum Aero (JDM-MN)
 U 0123 ZIMBABWE 126 wkg Nairobi Aero (JDM-MN)
 U var. BIAPRA 800, FIVE STAR 110 wkg N.Y. Aero (JDM-MN)
 U 1401 CANMIL 613 wkg Andrews AFB MD (RAL-OH)
 U 2153 JAPAN AIR 61 wkg San Francisco Aero (HCB-WA)
 U 1823 CANMIL 525 wkg New York Aero (GHS-IL)
 U 1940 LUFTHANSA 1001 wkg DEM91 (RLR-KS)
 U 1930- MAC 00138 wkg McClellan Awws (HCB-WA)
 U 1935 MAC 50624 wkg MacDill Awws (HCB-WA)
 U 1525 CG 01 p/p CG Portsmouth via Atlas (RMA-IA)
 ***** TACTICAL *****
 U 2303 CAPE RADIO wkg UTC Freedom/Liberty (SSSUp) (BLA-PA)
 U 0510 ROMEO 8 VICTOR c/g HOTEL 3. WHISKEY (PEF-SC)
 U 1336 HOBKNOB CONTROL wkg HOBKNOB 17 (RAL-OH)
 U 0238 1F00 (CANMIL Kingston) wkg misc. shas (DLW-PA)
 U 0438 7 HOTEL ROMEO r/c OSCAR 5 MIKE (GHS-IL)
 U 1413 FIRESIDE 3 wkg YELLOW JACKET (RAL-OH)
 5696 U var. CG 5800, CG 1485 wkg CGAS Corpus Christi (JDM-MN)
 5696 U 0202 CG 1490 p/p 8th USCG District via CG Miami (CGP-CO)
 5696 U var. CG 1485, CG 2120 wkg CG New Orleans (JDM-MN)
 5696 U 0207 CG 1503 wkg CGAS Elizabeth City NC (JDM-MN)
 5696 U 0055 CG 1347 wkg CGC Duane (AK-MD)
 5696 U 2036 CG 1434 wkg CGC Taney (BLA-PA)
 5696 U 1156 CG 1454 wkg CG Kodiak AK- SAR ops (DEM-ALB)
 5696 U 0158 LUFTHANSA 427 wkg New York Aero (RMA-IA)
 8854 U 1307 SOUTH PACIFIC 410 wkg Honolulu Aero (JDM-MN)
 8882 U 0404 SPRINGBOCK 260 wkg Dakar Aero (PAG-NC)
 8938 U 0154 CLIPPER 11 wkg Anchorage Aero (JDM-MN)
 8945 U var. ALITALIA 722, AVIANA 752 wkg San Juan (JDM)(PAG)
 8945 U NIGERIAN 851, AEROFLOT 347 wkg N.Y. (WJS-ONT)(JDM-MN)
 8959 U var. JET STAR 716, AVIANA 022 wkg N.Y. Aero (JDM-MN)
 8967 U 0525 MAC 80214 p/p Phantom via LaJes Awws (GHS-IL)
 8975 U 1135 "688" wkg RAAF Townsville (JDM-MN)
 8984 U 1307 CG 1487 wkg CG Boston MA (JDM-MN)
 8989 U 0210 PAKISTAN AF 689 wkg MacDill Awws (WJS-ONT)
 10096 U 0258 SCANDINAVIAN 7951 c/g Montevideo LDOC (RWP-ME)
 11179 U 1539 MAC 50725 p/p FORNAV via Loring Awws (BCW-VA)
 11179 U 0047 MAC 60137 p/p Hickam CP via Hickam Awws (GHS-IL)
 11179 U 1705 AIR FORCE RESCUE 95829 p/p via Scott Awws (GHS-IL)
 11182 U 0325 AIR FORCE RESCUE 95829 p/p via Scott Awws (GHS-IL)
 11182 U 2002 MAC 40609 p/p Nellis ALCG via Scott Awws (GHS-IL)
 11233 U 1840 CANMIL 1414 wkg CANMIL Trenton (JDM-MN)
 11246 U 1618 AIR FORCE RESCUE 50969 p/p via MacDill (JDM-MN)
 11246 U 1610 CG 1414 wkg MacDill Awws (JDM-MN)
 11282 U var. JAPAN AIR 47, NORTHWEST 87 wkg San Fran Aero (JDM-MN)
 11300 U var. AFRICAN 288, L.T. 662 wkg Khartoum Aero (JDM-MN)
 11387 U 0123 ZIMBABWE 126 wkg Nairobi Aero (JDM-MN)
 13282 U var. BIAPRA 800, FIVE STAR 110 wkg N.Y. Aero (JDM-MN)
 13306 U 1401 CANMIL 613 wkg Andrews AFB MD (RAL-OH)
 17992 U 2153 JAPAN AIR 61 wkg San Francisco Aero (HCB-WA)
 18001 U 1823 CANMIL 525 wkg New York Aero (GHS-IL)
 18019 U 1940 LUFTHANSA 1001 wkg DEM91 (RLR-KS)
 18022 U 1930- MAC 00138 wkg McClellan Awws (HCB-WA)
 18666 U 1935 MAC 50624 wkg MacDill Awws (HCB-WA)
 U 1525 CG 01 p/p CG Portsmouth via Atlas (RMA-IA)
 ***** TACTICAL *****
 2622 U 2303 CAPE RADIO wkg UTC Freedom/Liberty (SSSUp) (BLA-PA)
 4281 U 0510 ROMEO 8 VICTOR c/g HOTEL 3. WHISKEY (PEF-SC)
 4421 U 1336 HOBKNOB CONTROL wkg HOBKNOB 17 (RAL-OH)
 4606 U 0238 1F00 (CANMIL Kingston) wkg misc. shas (DLW-PA)
 5692 U 0438 7 HOTEL ROMEO r/c OSCAR 5 MIKE (GHS-IL)
 5703 U 1413 FIRESIDE 3 wkg YELLOW JACKET (RAL-OH)

GRLD:
 MEX.:
 USA.:

USA.:

6997.5 C 0425 WAR- US Army WASH DC - v mkr (RLR-KS)
 7635 U 0135 RED DOC 7 (CAP-NC) wkg Badger 73 (WJS-ONT)
 8486 C 0216 WOB- Lantana MARCO - v mkr (HCJ-TX)
 8710 C 0419 WLO- Mobile MARCO - DE RTTY mkr (IK-NY)
 8715 R 0131 WCB- Chatham MARCO - EE/NX (JK-PFG)
 8718 U 0506 WOM- Ft. Lauderdale MARCO- wkg Sun Princess (ML-)
 8764 U 1845 WOM- Ocean Gate MARCO - wkg Liane Ingram (ML-ME)
 8765.4 U 2226 WNC- CG Portsmouth VA - marine WX b/c (LK-NY)
 8790.2 U 0500 WLO- Mobile AL MARCO - tfc list (HCB-WA)
 8868 U var. WSV79- N. Y. Aero- VOLMET b/c (KWK-WA) (WCA-OH)
 (ML-ME) (PCC-RT) (LK-NY) (RNP-CT)
 8903 U 0808 KSF79- San Francisco Aero - VOLMET b/c (PEF-SC)
 8945 U 0522 KBA 5- New York Aero wkg KLM 779 (JB-CA)
 9958 L 0441 AFA3- Andrews AFB MD T/c SAM 86971 (GHS-IL)
 10972 R 0055 VOA Greenville- RY/FOX- 100/423n (JEB-IL)
 11118 U 1656 AFA3- Andrews AFB MD wkg SAM 26000 (GHS-IL)
 11226 L 0057 AFA3- Andrews AFB MD R/c SCORPIO (CCP-CO)
 12022.5 C 0120 KKN59- USDOS WASH DC- ID mkr (PAT-CA)
 12120 C 0124 WNC- CG Portsmouth VA - CQ/MC mkr (PAT-CA)
 12861 C 0135 WNU35- Slidell MARCO - CQ/QSX mkr (JEB-CA)
 12869 C 0235 WNU54- Slidell MARCO - CQ/QSX mkr (PAT-CA)
 13002 C 0455 KPH- San Francisco MARCO - v mkr (PAG-NC)
 13113.2 U 1635 WMC- CG San Francisco - NTM b/c (WVJ-ID)
 13144.3 U 0145 WOM- Ft. Lauderdale MARCO wkg R.I. Perkins (DH-OH)
 13213 L 0352 AFA3- Andrews AFB MD wkg Air Force 2 (GHS-IL)
 14403.3 C 0037 WAR- US Army Wash DC - CQ mkr (JEM-ALB)
 15540 C 1350 KKN59- USDOS Wash DC - ID mkr (JEB-CA)
 16861.7 U 0019 WNU35- Slidell MARCO wkg Golden Charlot (SAG-AUST)
 17007 C 2229 KLB- Seattle MARCO - CQ mkr (AK-MD)
 17237 U 2102 KMI- San Francisco MARCO - tfc list (ML-ME)
 17261 U var. WOM- Ft. Laud. wkg Rio Orinoco/Resourceful (JRJ-MS)
 17408.6 U 1935 WWD- La Jolla CA MARCO wkg New Horizon (HCB-WA)
 17972 S 1603 AFA3- Andrews AFB P/p for SAM 86971 (WCA-OH)
 20187 S 1710 "1" Patriot AFB wkg 3rd Grand Bahamas (LJS-CO)
 22457 C 2226 WNU46- Slidell MARCO - CQ mkr (JB-CA)
 22545a C 1825 WNC- CG Portsmouth VA - CQ/QSX mkr (BMA-IA)
 22641 U 2119 WOM- Ft. Laud. P/p for Leo Tide (ML-ME)
 25590 C 1923 WAR- NSG Norfolk VA - CQ/MC mkr (WVJ-ID)
 8478 C 0021 **** CENTRAL AMERICA ****
 13100 C var. TIM- Limon MARCO - CQ mkr (AK-MD)
 8959 U 0219 TIM- Limon MARCO - CQ/QSX mkr (JEB-CA) (PAG-NC)
 Panama Aero wkg Bogota Aero (DEM-ALB)
 **** CARIBBEAN ****

5810 U 1100 JOLLY 01 wkg JOLLY 02 (SSSup) (RAL-OH)
 6105 U 1106 PBA POD wkg VARIETY 01 (SSSup) (RAL-OH)
 6120 U 0821 NOVEMBER 9 YANKEE wkg NOVEMBER 9 YANKEE 01 (RWP-ME)
 6200 U 0850 XRAY 2 FOXTROT wkg XRAY 2 FOXTROT 70 (RWP-ME)
 6506.4 U 0141 HOTEL ZULU PAPA wkg CG Fortsmith VA (JR-ND)
 6506.4 U var. GOLF 7 SIERRA wkg CG Kodiak AK (JR-ND)
 KILLO 7 YANKEE, OSCAR 2 FOXTROT, NOVEMBER 6 DELITA, ZULU 8 NOVEMBER wkg CG San Francisco (JR-ND)
 6683 L 0013 SPAR 60 wkg Andrews AFB P/p PHANTOM (RAL-OH)
 6683 L 1725 AIR FORCE ONE P/p CROWN via Andrews AFB (RAL-OH)
 6683 L 0330 SAM 86971 P/p SAM COMMAND via Andrews AFB (RAL-CH)
 6683 U 0330 IVORY 67 wkg Albrook Aways (JDM-WN)
 6697 U 0230 CHARLIE 03 VICTOR wkg 03 XRAY VICTOR (RAL-OH)
 6715 L 1842 AIR FORCE ONE wkg Andrews AFB MD (RAL-OH)
 6715 L 0115 SAM 26000 P/p Andrews Metro via Andrews (WDC-NY)
 6730 U 0510 HEAD DANCER P/p RAYMOND 01 via Loring Aways (RAL-OH)
 6730 U 0314 PRONTO 63 wkg Loring Aways (RAL-OH)
 6730 U 0023 SPAR 60 wkg Andrews AFB MD (RWP-ME)
 6756 U 1717 TROUT 98 P/p ARIA CONTROL via Andrews AFB (RAL-OH)
 6756 U 1449 SUITABLE wkg Andrews AFB MD (RAL-OH)
 6756 U 2311 SAM 12490 P/p SAM CP via Andrews AFB (RAL-OH)
 6756 U 2355 NAVY RAT 82 wkg Andrews AFB MD (GHS-IL)
 6760 L 0203 ALI BABA wkg DISAVOM (GHS-IL)
 6877.5 U var. GRAYSON, TRICK 8 wkg RHINO CEROS (JDM-WN)
 6896 L 1208 PICOFAY OPS wkg CAT 01 (SSSup) (RAL-CH)
 6896 L 1151 FAMILY 01 wkg PICOFAY OPS (SSSup) (RAL-OH)
 6896 L 1118 FISHER wkg PICOFAY (SSSup) (RAL-OH)
 6896 L 1250 PICOFAY with status ann. (SSSup) (BLA-PA)
 6909 U 0559 HOTEL KILLO 7 ALFA wkg HOTEL KILLO 8 ALFA (GHS-IL)
 7429.4 L 0306 KD75 UNIT 3 (DOE) wkg KD75 UNIT 2 (RJI-CA)
 7525 U 0500 HOMEPLATE wkg USAF MARS AGA3HQ & AIR (RJI-CA)
 7527 U 0112 SLINGSHOT CLE AGA3HQ (RJI-CA)
 7706 U 1333 ARA 22 wkg CAPE RADIO (SSSup) (RAL-OH)
 7735 U 0532 SPAR 60 wkg Andrews AFB MD (RAL-OH)
 7811 U 0632 BURLY BOY wkg SOMBERHO (GHS-IL)
 7997 U 2232 HEADLINER wkg McClellan Aways (JCD-CA)
 8050 U 1450 3 UNIFORM LIMA BRAVO wkg 9 BROVO INDIA WHISKEY (RWP-ME)
 8778 U 1130 CHARLIE 4 ROMEO wkg LIMA 3 JULIET (CCP-CO)
 8872 U 0427 QUEBEC 8 ALFA wkg CLOSE OUT 603 (GHS-IL)
 8989 U 0421 SPAR 56 P/p SAM CP via McClellan Aways (GHS-IL)
 8989 U 0020 CHARLIE 6 JULIET KILLO P/p via MacDill Aways (TFS-NY)
 8989 U 0150 ATTACK 27 wkg McClellan Aways (JDM-WN)
 8993 U 0024 KING 15 (ARRS) P/p via MacDill Aways (RAL-OH)

ANTG: 20187 S 1652 "91" Antigua wkg "1" Patrick AFB (SSSUP) (LJS-CO)
 BARB: 6380 C 0655 8PO- Bridgetown MARCO - DE mkr (JEB-CA)
 12709 C var. 8PO- Bridgetown MARCO - DE mkr (GLT-NM) (PAG-NC)
 CUBA: 14901 R var. GLN451-1 P/L Havana-EE/NX-66/425r (RMA-IA) (RG-MA)
 R 2330 COL-1 Havana Air- wkg VED-66/425n (JEB-CA)
 15818 R 1606 GLN487- PTP Havana- wkg SOR266-66/425r (RMA-IA)
 JAM.: 3335 C 0450 GYI- Kingston MARCO - Cq mkr (AM-UK)
 MART: 6388 C 0050 FUF- FF NAVRAD Ft.de France- V mkr (1K-NY)
 8480 C 0418 FUF- FF NAVRAD Ft.de France- V mkr (DH-OH)
 P.R.: 10710 R 0630 NAU- NOS San Juan- test to ZRH-66/425n (JEB-CA)
 T&C.: 20186 U 1755 Turk wkg Ramey PR. (SSSUP) (LJS-CO)

**** SOUTH AMERICA ****

ARGN: 6512.6 U 0322 LPL26- G.P.R. MARCO - SS/YL/VM (GHS-IL)
 8645 C 0630 LPD86- G.P.R. MARCO - V/QSX mkr (JEB-CA)
 10721 R 0640 LRB72- Buenos Aires Metro- Rys-66/425r (JEB-CA)
 15000 C 2359 LCL- SPTS Buenos Aires- CW ID (JEB-CA)
 17160.8 C 0205 ISA6- Boca MARCO - V mkr (GLT-NN)
 17233 U var. LPL- G.P.R. - SS/OM/VM (WJS-ONT) (SAC-AUST) (JRJ-MS)
 17286 U 0120 LPL- G.P.R. - SS/OM/VM (WJS-ONT)
 22607 U 2210 LPL- G.P.R. - SS/OM/YL/VM (JB-CA)
 BRZL: 8460 C 0120 PPJ- Juncaco MARCO - V mkr (HGJ-TX)
 8502 C 0219 PPL- Belen MARCO - V mkr (HGJ-TX)
 12840 C 0516 PPO- Olinda MARCO - V/QSX mkr (EDK-MI)
 CHLL: 14259 C 0040 CCS- Santiago NAVRAD - V mkr (RG-NA)
 COLO: 8574.4 C 2246 HKC- Buenaventura MARCO - DE mkr (HGJ-TX)
 3810 A var. HD210A- SFTS Guayaquil (TLP-OH) (SN-TX)
 7600 A 2313 HD210A- SFTS Guayaquil - SS/OM ann. (KWK-VA)
 20721.7 R 1538 HDN- Quito NAVRAD- teste- 100/850r (AM-UK)
 PERU: 12307 C 0156 OBG3- SFTS Callao- SS/OM ID (WJP-PL)
 SUR1: 13045 C var. P2N4- Paramaribo MARCO- CQ/test mkr (AK-MD)
 (PAG-UK) (AM-UK)
 URGY: 20471.5 R 1507 CXR- Montevideo NAVRAD- tftc to OBC (JK-FRG)
 VENNE: 6100 A 0549 YVTO- SFTS Caracas - (MI-VE)
 11416.3 R 0005 YWQ11- Maracaey Metro- WX b/c-66/850n (AM-UK)

**** EUROPE ****

AZOR: 2295.2 R 2308 CUM- VAF LaJes- teste- 66/850r (AM-UK)
 BELG: 6651.1 C 0138 OST4- Oostende MARCO - CQ mkr (MAK-VA)
 13067 C 0510 OST- Oostende MARCO - V mkr (DEM-ALB)
 22351 C 1253 OST72- Oostende MARCO - V mkr (AK-MD)
 CYPR: 11234 U 0541 BAF Cyprus Flight Watch- tests (GHS-IL)
 DEN.: 12753 C 0338 OXZ62- Lyngby MARCO - Cq mkr (PAG-NC)
 3440 C 0301 GYA- LONDON NAVRAD - DE mkr (RAC-VT)
 R 2038 GIC29B- AP London- EE/NX- (JL-NJ)
 9249 C 1555 GKD3- Portishead MARCO - DE mkr (JEB-CA)
 12789 C 1555

U 0204 JULIET 6 MIKE wkg unid sta (JGD-CA)
 U 0038 CHARLIE HOTEL 780 wkg CANNIL Vancouver (JDM-MN)
 U 1839 MARCONI MOBILE p/p TOTEM POLE via Andrews (RAL-OH)
 U 1525 KING 28 p/p RESSOND OPS via Andrews AFB (RAL-OH)
 U 2013 HANK #1 p/p Raymond #1 via Scott Aways (RAL-OH)
 U 0110 9 BRAVO LIMA ALFA- WX b/c- UK accent (JDM-MN)
 L 0501 SAM 86971 p/p SAM CP via Andrews AFB (GHS-IL)
 U 0253 TYOO CONTROL wkg HARPER 3 (GHS-IL)
 U 1657 AGAR 25 wkg ABNORMAL 10 (SSSUP) (RAL-OH)
 U 1625 WGY-915 (new PRMA) wkg WGY 905 (RLR-KS)
 U 1450 ARIA CONTROL wkg AGAR 22 (SSSUP) (RAL-OH)
 U 1732 ARIA #2 wkg ABNORMAL 10-dpx 15793 kHz (SSSUP) (RAL-OH)
 U 1310 PIGOPAY (USNS VANDENBERG) wkg FISHER (SSSUP) (RAL-OH)
 U 1537 AGAR 25 wkg CAPE RADIO (SSSUP) (RAL-OH)
 U var. CAPE RADIO wkg AGAR #6, BRAVO HOTEL, 38(SSSUP) (RAL-OH)
 U 1326 YANKEE BASE wkg CHARLIE PATROL (SSSUP) (RJT-GA)
 U var. YANKEE BASE wkg SONTIC BOOM CONTROL (BLA-PA) (RAL-OH)
 U 0747 ENHANCE wkg TABULAR & SCRANTON (JOD-CA)
 U 1459 SUITABLE wkg OXYGEN (RAL-OH)
 U 2303 SPAR 76 wkg Andrews AFB MD (RAL-OH)
 U 1658 MUSCULAR wkg AIR FORCE ONE (GHS-IL)
 L var. AF 1 wkg CROSSBOW, CARTWHEEL, COBBLESTONE (GHS-IL)
 U 1854 DYNATRON wkg OVERRIDE & COGNIZANT (RWP-ME)
 AF 1 p/p CROWN via Andrews AFB (RWP-ME) (RAL-OH)
 U 0423 PAPA XRAY 150 p/p via Hickam Aways (GHS-IL)
 U 0228 KING 28 p/p EGLIN METRO via Scott Aways (GHS-IL)
 U 0125 STORK 21 p/p DISCARD via Scott Aways (MDC-NY)
 U 0300 ALFA ALFA 950 wkg McCellan Aways (JDM-MN)
 U var. IVORY 15, 73, 80 wkg MacDill Aways (GHS-IL) (JDM-MN)
 U 2254 GARFARB E/p FERTILE via MacDill Aways (MDC-NY)
 U 0132 HORSE 45 p/p LITTLE ROCK METRO via MacDill (MDC-NY)
 U 0135 SPAR 74 wkg MacDill Aways (MDC-NY)
 U 1439 2 PAPA 4 PAPA wkg MacDill Aways (RN-DC)
 U 1343 RILEY 71 wkg KING-53 and MacDill Aways (RJJ-GA)
 U 1604 NAVY RAT 64 wkg MacDill Aways (RJJ-GA)
 L 0223 CARBINE wkg Andrews AFB MD (GHS-IL)
 U 0024 SPAR 60 wkg Andrews AFB MD (RWP-ME)
 L 0242 SAM 76972 wkg Andrews AFB MD (RLR-KS)
 U 1321 ALFA 3 LIMA c/lg HOTEL 3 WHISKEY (RJJ-GA)
 U 1855 CHARLIE 2 SIERRA wkg WHISKEY Ø DELTA (RJJ-GA)
 U 2323 YANKEE 4 ROMEO wkg CG SAN FRANCISCO CA (JR-ND)
 U 2154 MEASLEY wkg FUTURE (RLR-KS)
 L 1639 MUSCULAR r/c Andrews AFB MD (GHS-IL)
 U 1715 ARIA #1 wkg AGAR 25 (SSSUP) (RAL-OH)
 U 1518 ABNORMAL 10 (Vandenber AFB) wkg AGAR 22 (SSSUP) (RAL)

IVORY 15 wkg MacDill Awys (JDW-WN)
 U 1645 BEACHWOOD wkg SAM 86972 & Andrews AFB (RAI-OH)
 U 1519 YANKKE 6 DELTA clg KILO 3 XRAY (LJS-CO)
 U 1421 ASHLEY 12 wkg AGAR 25 (SSSUP) (RAI-OH)
 U 1609 AGAR 25 wkg CAPE RADIO/ABNORMAL 10 (SSSUP) (RAL-OH)
 U var. ARIA CONTROL wkg ABNORMAL 10-dpx 11150 kHz (RAL-OH)
 U 1706 BRONCO 03 r/c ATLAS (DEA) (R/LJ-GA)
 U 1650 OMAHA 40 p/p HOMEPLATE via ATLAS-dpx 18666kHz (RWP-ME)
 U 2000 CAPE RADIO wkg ABNORMAL 10 (SSSUP) (RAL-OH)
 U 1515 ARIA CONTROL wkg AGAR 22 (SSSUP) (RAL-OH)
 U 1419 ARIA 01 wkg ARIA 02 (SSSUP) (RAL-OH)
 U 1807 ABNORMAL 10 wkg AGAR 25-dpx 19640 kHz (RAL-OH)
 U 1645 MIKE 28 wkg MIKE 16 (LJS-CO)
 U 2357 AGAR 25 wkg ABNORMAL 10 (SSSUP) (RAL-OH)
 U 17480 TROUT 98 p/p TROUT OPS via MacDill Awys (R/LJ-GA)
 U 1654 AIR FORCE ONE wkg Andrews AFB (RWP-ME) (JMK-MA)
 U 1503 FLINT 356,262,105,360,103 & 459 wkg ATLAS (RAL-OH)
 L var. (LJS-CO) (CHS-IL)
 U var. HOMEPLATE p/p PANTHER via ATLAS (RWP-ME)
 U 1859 SHARK 623,715,364 wkg Atlas (GHS-IL) (BLA-PA) (JDW-WN)
 U 1924 SWORDFISH 2 wkg Atlas (BLA-PA)
 U 2026 OMAHA 40 wkg Atlas (RAL-OH)
 U 2059 SAM 86971 p/p via Andrews AFB MD (RAL-OH)
 U 1756 ONE ECHO wkg GRAND TURK (SSSUP) (LJS-CO)
 U 1434 ONE FOOTROT wkg GRAND BAHAMAS (SSSUP) (LJS-CO)
 CAT 1 wkg 12 ALFA, 12 BRAVO (SSSUP) (LJS-CO)
 U 1445 QUEBEC 60 wkg QUEBEC 56,61,94 with r/c (LJS-CO)
 U var. AF-1, SAM 26000, NEMBOOK wkg Andrews (GHS-IL) (RWP-ME)
 U 1605 SAM 26000 wkg Andrews AFB MD (RAL-OH)
 U 1428 ZULU 4 PAPA wkg FOOTROT 6 VICTOR (LJS-CO)
 U 2235 AIR FORCE ONE wkg Andrews AFB MD (RAL-OH)
 ***** NUMBERS/BRACONS *****
 A 0408-0423 G/Y 5da Flute IS - ENDE (252) 10Nov (PAG-NC)
 A 0419-0421 S/Y 5d Finalx2 (252) 09Nov (PAG-NC)
 A 0618-0618 S/Y 5d (343) 01Dec82 (PAT-CA)
 A 0308-0344 S/Y 4d "723"-10 count - FIN (343) 15Nov (PAG-NC)
 A 0120----- S/Y 5d ATT 873-55-70 (454) 13Nov (TLP-OH)
 A 0510----- S/Y 5d repeats of S.Y.N.2 (333) 21Nov (ML-ME)
 A 0612----- G/Y 5d 21Nov82 (MSH-NC)
 A 0300----- G/Y 5d 21Nov82 (JDW-WN)
 M 0815----- CW 51r - "RGU UW" 03Dec82 (JGD-CA)
 A -----0818 S/Y 5d Finalx2 (544) 05Dec82 (LK-NY)

13244 U 1645 GKC - Portishead MARGO - DE mkr (PAT-CA)
 13247 U 0320 GKC - Portishead MARGO - DE mkr (PAG-NC)
 13254 U 1425 GPN40 - Reuters London - stock NX - 66/450r (EDK-MI)
 13600 U 1124 BBC Daventry Feeder - (SAG-AUST)
 13900 U 0310 OFU4 - Hellsinki MARGO - QXS mkr (JEB-CA)
 14686 U 0038 FUC - FF NAVRAD Toulon - V mkr (AM-UK)
 14688 U 1700 FDI - FF AFV Alx-les-Milles - V mkr (AM-UK)
 14987 U 1700 FDC - FF NAVRAD Bordeaux - V mkr (AM-UK)
 14987 U 1700 FUC - FF NAVRAD Castelnaudry - V/QSX mkr (WSH-NC)
 15793 U 0425 FDC - FF AF Metz-Fressaty - clg FOX - 66/425r (AM-UK)
 17480 U 1728 FSB - INTERPOL Paris - t/c with ??? (JK-FRG)
 17480 U 1434 FVZ99 - uid ?? clg FVA90 (PAC-UK)
 18019 U 1255 FTS31 - FTS Paris - FF/EE/QM/W (RMH-NY)
 18027 U 1255 Y3S - SFTS Nauen - pips (DEM-ALB)
 18666 U 0117 Y5M - Ruegen MARGO - V mkr (JEB-CA)
 18666 U 1820 DVZ15 - ADK Berlin - FF/EE/NX - 66/425 (RG-MA)
 18666 U 2355 DHJ149 - GG Army Bonn - RYS - 66/170r (AM-UK)
 20053 U 2350 DEB - INTERPOL Wiesbaden - wkg FSB (JK-FRG)
 20186 U var. DMO95 - Lahar CANMIL - WX b/c (CCP-CO) (JEF-SC)
 20191 U 1715 HMG - Brit Army Rheindahlen - tests-66/850n (AM-UK)
 20908 U 0204 DAN - Nordeich MARGO - CQ mkr (HGJ-TX)
 23265 U 1400 KRH51 - USMBM Bonn - FOX - 100/850n (DLW-PA)
 23265 U 0430 GYU - Gibraltar NAVRAD - DE/QSX mkr (WSH-NC)
 23591 U 0315 GYU - Gibraltar NAVRAD - DE mkr (GLT-NN)
 29899 U 0202 DHM95 - CANMIL Lahar - WX b/c (DEM-ALB)
 3258 U 2053 SWA - Athens MARGO - CQ/QSX mkr (JEB-CA)
 3436a U 2035 SVA - Athens Air - RYS - 66/425r (JL-NJ)
 3447a U 1930 PCH79 - Scheveningen MARGO - CQ mkr (AK-MD)
 4670 U 1245 EIP - Shannon Aero - VOLMET b/c (GHS-IL) (ML-ME)
 5135 U var. EIP - Shannon Aero - VOLMET (RNP-OT) (MI-ME)
 5643 U var. EIP - Shannon Aero - VOLMET (KW-VA) (PAG-NC) (MD-ME)
 6507 U 1530 EIP - Shannon Aero - VOLMET b/c (HOB-WA)
 6531 U 1645 RIFARD - Carabinieri Treviso clg RIFARE-66/170n (AM)
 6719 U 0823 IDR3 - Rome NAVRAD - CQ mkr (JGD-CA)
 6748 U 1307 NC13 - USOG Lorsta Lampedusa wkg NCI (JK-FRG)
 6790 U 0330 IRM - GIRM Rome - V mkr (EDK-MI)
 6951 U 1545 IKS27 - ANSA Rome - EE/NX - 67/425 (RG-MA)
 6958 U 0227 LGU - Rogaland MARGO - CQ mkr (HGJ-TX)
 6958 U 2357 SML299 - MPA Warsaw - CQ tape - 66/170n (AM-UK)
 7401.5 U 0419 CUN7/8 - Lisbon MARGO - CQ mkr (DH-OH)
 14612 U 0038 CUA68 - FTP Lisbon - clg Vatican - 66/425 (PAC-UK)
 18516 U 0839 EBA - Madrid NAVRAD - CQ mkr (SN-TX)
 8425 U 0820 EBA - Madrid NAVRAD - EBOQ mkr (JWB-CA)
 8584 U 0616 EDZ4 - Aranjuez MARGO - CQ/QSX mkr (JEB-CA)
 8584 U 0600 EDZ4 - Aranjuez MARGO - CQ/QSX mkr (JEB-CA)
 8584 U 0600 EDZ4 - Aranjuez MARGO - CQ/QSX mkr (JEB-CA)

SPAN: 8682 C 0602 EAD3- Aranjuez MARCO - CQ mkr (JB-GA)
 17184 C 2218 EAD5- Aranjuez MARCO - CQ mkr (AK-MD)
 SWED: 8499 C 0115 SAG4- Goteborg MARCO - V mkr (JEB-GA)
 23509.8 R 1125 SAM- MFA Stockholm wkg SAM71-100/425r (AM-UK)
 22345 C 1353 HEB- Berne MARCO - CQ mkr (SB-CT)
 USSR: 4684 U 1339 unid RR VOLMET b/c (DEM-ALB)
 8688 C 0140 URD- Leningrad MARCO - CQ/QSX mkr (JEB-GA)
 8990 A 0330 URD- RR VOLMET b/c (FLR-KS)
 9996 C 0710 RWM- SPTS Moscow - (SN-TX)
 10004 U 10004 RID- SPTS Irkutsk - CW ID (SN-TX)
 10135 C 1035 UMX2-QTH ?? callup to ULY4 (SN-TX)
 11470 R 1615 RNK33- TASS Moscow-EE/NX-66/425r (RMA-IA)
 12693 C 0230 URD- Leningrad MARCO - DE mkr (GLT-NM)
 12797 C 1415 UDK2- Murmansk MARCO - 3SC t/c (RMA-IA)
 14996 U 0135 RTA- SPTS Novosibirsk (MWJ-ID)
 18209.5 C 0335 UNK- Unid RR MARCO - ID mkr (SN-TX)
 22423 C 1205 UAT- Moscow MARCO - CQ mkr (SB-CT)
 22458 C 1405 UFD- Leningrad MARCO - CQ mkr (SB-CT)
 YUGO: 12780 C 0432 YUR5- Rejeka MARCO - V mkr (SB-CT)

**** AFRICA/MIDDLE EAST ****
 ALGE: 6415 C 0020 7TA4- Algiers MARCO - CQ/QSX mkr (AK-MD)
 8437 C 0620 7TA6- Algiers MARCO - CQ/QSX mkr (JEB-GA)
 10483 R 2252 7XA- Algiers Air - RYS - 66/425 (PAG-UK)
 ANGO: 8566.3 C 0320 D3E51- Luanda MARCO - CQ mkr (GLT-NM)
 12780 C var. D3E51- Luanda MARCO - CQ (GLT-NM) (PAG-NC) (PAT-GA)
 16164 R 1914 D2J11- ANGOP Luanda- FF/NX-66/170n (AM-UK)
 BRAN: 12790 C 1422 A 9M- Manama MARCO - DE mkr (RP-MO)
 CONG: 10137 R 0224 TNL97- Brazzaville Metro- RYS-66/425r (MTC-AZ)
 DJIB: 8682 C 1625 J2A8- Djibouti MARCO - CQ mkr (AM-UK)
 EGY: 23527.8 R 1118 SAM50- SWED EMB Cairo- t/c SAM - 100/425r (AM-UK)
 EQGI: 20206 U 1640 3CA67- Malabo PTP - c/g Madrid (PAC-UK)
 ISRL: 8694.4 C 2220 4XO- Haifa MARCO - CQ mkr (HGU-TX)
 13051.5 C var. 4XO- Haifa MARCO - CQ mkr (GLT-NM) (DEM-ALB) (MAK-VA)
 KEN: 13366 U 0119 Nairobi Aero wkg Khartoum Aero (JDM-WN)
 24612 R 1025 5YD- Nairobi Air - RYS - 66/425n (JI-NJ)
 KUWT: 12895 R 1025 POL EMB Nairobi t/c to MFA Warsaw-66/425n (AM-UK)
 LIB: 19008 R 1232 FAKI EMB Beirut t/c MFA Islamabad-66/425r (AM-UK)
 LTIB: 7650 C 0645 KKN44- USMBB Monrovia- QRA/QSX mkr (JEB-GA)
 13995 R 0145 VOA Monrovia- EE/NX - 100/425 (RG-MJA)
 15875 R 2315 VOA Monrovia - EE/NX - FOXs - 100/425n (JEB-GA)
 17426 C 0155 KKN44- USMBB Monrovia - QRA mkr (GLT-NM)
 LYBA: 2822 R 2345 5AF- Tripoli Air - RYS - 66/425n (AM-UK)
 8515 C 0348 SAT- Tripoli MARCO - CQ mkr (RP-MO)
 MROC: 14403 R 1545 J5W- FFERE Habat- t/c Lille-66/425r (AM-UK)

6823 A 0526-0531 S/Y 5d 9-9 s/off (212) 280ct82 (EDK-MT)
 6825 A 0505----- S/Y 5d 20Nov82 (MSH-NC)
 6833 A 0817----- S/Y 5d 03Dec82 (JCD-GA)
 7375 3 0302-0539 E/Y 5d "22g" 10count (454) 27Nov (RJI-LA)
 7760 U 0606----- E/Y 51r 21Nov82 (MSH-NC)
 7845.5 A 0633-0637 S/Y 5d finalx2 (334) 12Nov82 (DH-OH)
 8117 A 0612----- S/Y 5d 30Nov82 (JCD-GA)
 8873 A 0300-0513 S/Y 5dd (544) 11Oct82 (JB-GA)
 9074 3 0420-0426 S/Y 4d FIN (5by5) 14Nov82 (RLR-KS)
 9325 U 0130----- G/Y 5d (333) 13Nov82 (WJS-ONT)
 9386.4 A 0130-0134 S/Y 5d "ATT 738-20" Finalx2(444) 11Nov (RJI-GA)
 10015 M 0803----- CW 51r 02Dec82 (JCD-GA)
 10177 U 0143-0150 G/Y 5dd ENDE (333) 13Nov82 (JCD-GA)
 11542.6 A 0100-0104 S/Y 5d "ATT 738-20" (454) 11 Nov 82 (RJI-GA)
 11617.5 U 2241----- G/Y 5d 22Oct82 (DEM-ALB)
 13751 U 2005----- PORT/0 5d 19NOV82 (MSH-NC)
 14420 A 0120-0126 S/Y 4d (434) 19Nov82 (JEB-GA)
 5919 C 0928 "K" beacon - 3 sec repeats (PAT-GA)
 8671 C 0609 "U" beacon - 3 sec repeats (JB-GA)
 9043 C 0442 "K" beacon - 4 sec repeats (WJ-ID)
 11201a C 0250 "P" beacon - 2.5 sec repeats (RMA-IA)
 9355 C 0250 "VR" - 2x30sec jammer beacon (JEB-GA)
 11675 C 1808 "KB" - 2x30sec jammer beacon (PAT-GA)
 11725 C 0650 "1G" - 2x30sec jammer beacon (JEB-GA)
 11875 C 0240 "TU" - 2x30sec jammer beacon (JEB-GA)
 11885 C 0640 "PB" - 2x30sec jammer beacon (JEB-GA)
 11970 C 0135 "TK" - 2x60sec jammer beacon (JEB-GA)
 15460 C 0120 "BG" - 2x30sec jammer beacon (JEB-GA)
 **** UNIDENTIFIED ****
 3335 U 0236 MIKE CHARLIE MIKE ID - West Indies accent (RWP-ME)
 6977.4 3 0300 SS/OM WX b/c - possible Mexican sta (RLR-KS)
 6978.3 U 0305 SS/OM with 5digit groups- dxp ops- heard most nites with up to 4digit groups (WX exchange?) (RLR-KS)
 9010 L 0210 EEI/OM- possible fishing fleet (profanity) (JDM-WN)
 11539 R 1816 UPT/AP-NX on USN MULCAST channel-QTH? 60/85r (DLW-OH)
 11546a R 1545 "RUES"-FOX test - 100/850n- military??- (RMA-IA)
 14969a R 1710 "NDG" times-5min.pause, then repeat (PAT-GA)
 15100 C 0020 "DMW" 4times-5min.pause, then repeat (PAT-GA)
 16037 R 1926 UPT/NX-on USN MULCAST channel-QTH? 60/85r (DLW-OH)

**** RADIOELETYPE - Mixed in with rest of column - experiment ****

MROC: 18605 R 1416 VOA Tangier - msg VOA Greenville- 100/170r (WTC)
 20482 R 0010 VOA Tangier- USIA assignment & availability
 11sts - 100/425n (MTC-AZ)
 SAUD: 6991 C 0220 HZM-AROCO Khaf'i - ID mkr (WDC-NY)
 10215 R 2119 HZN48- Jeddah Metro- WX - 66/425r (JL-NJ)
 16860.8 C 1214 HZG- Damam MARCO - CQ mkr (AM-UK)
 16960 C 1374 HZT- ARAMCO Was Tanura - CQ mkr (RP-MG)
 SENE: 8882 U 0142 Dakar Aero w/g Galedonian 661 (GC-DE)
 8992 C 0737 GW- Dakar NAVRAD - V mkr (AM-UK)
 10407 R 2015 6VU- ASBCHA Dakar - RYS - 66/425n (JL-NJ)
 13440 C 2343 6W- Dakar NAVRAD - D mkr (DEM-ALB)
 16951.5 C 0230 6W- Dakar NAVRAD - DE mkr (GLT-NM)
 SOAF: 4317 C 0138 ZSC- Capetown MARCO - CQ mkr (RAC-VT)
 7511.9 R 1935 ZRO2- Pretoria Metro- WX - 100/425n (AM-UK)
 8689 C 0135 ZSC6- Capetown MARCO - CQ mkr (JEB-CA)
 9012 U 0043 Johannesburg Aero w/g Cargo 672 (MTC-AZ)
 12693 C 0405 ZRQ5- Cape NAVRAD Simonstown- V mkr (JEB-CA)
 12773 C 1600 ZSC38- Capetown MARCO - CQ mkr (JEB-CA)
 12849 R 1647 ZR35- Cape NAVRAD Silvermine- CQ mkr (PAC-UK)
 15776 R 0045 ZRH- Cape NAVRAD Fisantkraal- RY/FOX-66/425r (JEB)
 17132 C 0626 ZS1- Cape NAVRAD Silvermine- CQ mkr (SAC-AUST)
 SYRA: 18532 R 0820 YKM108- PTE Damascus- clg Moscow-66/425r (AM-UK)
 23505.8 R 1110 SAM48- SWED EMB Damascus- msg SAM- 100/425r (AM-UK)
 UPVO: 6775 R 0045 XTU- ASBCHA Ouagadougou- RYS- 66/425n (AM-UK)
 ZAMB: 23528 R 1210 SAM73- SWED EMB Lusaka- ttc SAM-100/425r (AM-UK)
 ***** ASTA/FAR EAST *****
 AFGN: 11065 R 0000 YAV- Kabul Air - test tape- 66/425n (AM-UK)
 BURM: 6989.2 R 1828 XZW- Rangoon Air - RYS (JK-FRG)
 PRC.: 5343.5 R 0040 BZQ75- Urumqi Metro - WX (66/425n (AM-UK)
 10479.6 R 1712 BOX22- PTP Shanghai- clg Prague- 66/425n (AM-UK)
 15000 C 0129 BFM- SFTS Xian- voice & CW ID (JEB-CA)
 16916.5 C 0220 XSG8- Shanghai MARCO - CQ mkr (SB-CT)
 17103.2 C 0220 XSC- Shanghai MARCO - CQ mkr (GLT-NM)
 19810 C 2038 BFA- Urumqi Air - ID/QRU mkr (MDC-NY)
 20987 R 0750 SAM62- SWED EMB Beijing- ttc SAM-100/425r (AM-UK)
 HONG: 5519 U 1245 Hong Kong Aero - VOLMET b/c (JDM-WN)
 8903 U 1245 Hong Kong Aero - VOLMET b/c (GHS-IL)
 13344 U 1545 Hong Kong Aero - VOLMET b/c (MWJ-ID)
 13944.5 U 1156 ZEO66- Cape d'Agulhar - ttc with ?r (SB-CT)
 17192 C 0200 VRN89- Cape d'Agulhar MARCO - DE mkr (GLT-NM)
 INDI: 3192.3 R 0053 VVD53- Delhi Metro - WX - 66/425n (AM-UK)
 6825.6 R 1939 VTP25- Vijakhapatnam NAVRAD- clg VTH22 (JK-FRG)
 8114.3 R 2216 VTK55- Tuticorin NAVRAD- clg VTH22 (JK-FRG)
 10615.3 R 1920 VTNB- Cochin NAVRAD- clg VTKB-850mark only (AM-UK)

***** VLF/LW//MW *****
 TUK- Nantucket Airport- WX- CW ID (PCC-RI) (ML-ME)
 QI- Yarmouth, NS CAN-NDB (ML-ME)
 GLB- Carolina Beach, NC-NDB (ML-ME)
 235.0 A 0120 GNI- Grand Isle, LA - WX- CW ID (KWK-VA)
 240.0 C 0615 YAR- Auburn Lewiston Airport, ME- NDB (ML-ME)
 260.0 C 0648 YAR- Exarion, ONT CAN-NDB (ML-ME)
 272.0 C 0751 YQA- Muskoka, ONT CAN - NDB (ML-ME)
 286.0 C 1930 HT- Highland Light, MA - NDB (ML-ME)
 286.0 C 0600 MI- Marana Island, ME - NDB (ML-ME)
 291.0 C 0559 HR- Halfway Rock, ME - NDB (ML-ME)
 301.0 C 0604 PH- Portland Harbor, ME - NDB (ML-ME)
 312.0 C 0737 YMW- Maniwaki, PQ CAN - NDB (ML-ME)
 317.0 C 0558 HLN- Helena, MT - NDB (MWJ-ID)
 320.0 C 0609 CU- The Cuckolds, ME - NDB (ML-ME)
 332.0 A 0129 DW- Wash DC airport- WX (KWK-VA)
 341.0 C 0709 YTU- Kapuskasing, ONT CAN - NDB (ML-ME)
 362.0 C 0716 SC- Sherbrooke, PQ CAN - NDB (ML-ME)
 373.0 A 0719 SA- Sable Island, NS CAN - WX - CW ID (ML-ME)
 379.0 C 0127 DN- Dillon, MT - NDB (MWJ-ID)
 382.0 A 0730 LQ- Boston Logan Airport, MA - WX- CW ID (ML-ME)
 391.0 C 0108 EBY- Near Bay, WA - NDB (MWJ-ID)
 391.0 C 0625 DDP- Dorado, San Juan, PR - NDB (ML-ME)
 404.0 C 0630 PW- Portland Int'l Airport, ME - NDB (ML-ME)
 446.0 C 0741 YSL- St. Leonard, NB CAN - NDB (ML-ME)
 446.0 C 0221 SAA- Karlskrona, SWED - WX b/c (PAC-UK)
 444.0 C 0609 BC- Baie Comeau, PQ CAN - NDB (ML-ME)
 477.0 C 0506 WNU- Slidell LA MARCO - WX b/c (MWJ-ID)
 500.0 C 2201 LGT- Tjome MARCO NOR. - CQ/tfc list (PAC-UK)
 500.0 C 1006 90BU- m/v BUKAVU clg DAN (PAC-UK)
 516.0 C 0552 YWA- GANNIL Petawawa, ONT CAN - NDB (ML-ME)
 521.0 C 0514 INE- Missoula, MT - NDB (MWJ-ID)
 570.0 C 1037 NE- North Bay, ONT CAN - NDB (ML-ME)
 1610.0 A 0729 Greater Cincinnati Airport- airport- info b/c (TLP-OH)
 1613.0 C 0515 RAB- Rabinal, GUAT - NDB (SN-TX)
 1615.0 M 0926 OR- Ohura, NZEL - NDB (DEM-ALB)
 ***** QSLs *****
 ANTA: HNNQNB- USN MARS South Pole- HAM cd-326d-MS- 13973.8 kHz (GRW-OH)
 CAN: VGS- Halifax MS MARCO- photo cd-37a 8440 kHz (SB-CT)
 CYP: 5BA- Nicosia MARCO- form ltr-30d-2 IRGS- 16883 kHz (LM-CA)
 DEN.: OXZ4- Lyngby MARCO- B&W cd- 30d- XRP - 8598 kHz (SB-CT)
 DEN.: OXZ8- Lyngby MARCO- B&W cd- 30d- XRP- 17068.5 kHz (SB-CT)
 ENG.: GAZ- Gullercoats MARCO- PFC-5d- MS - 500 kHz (PAC-UK)
 NETA: PJC- Curacao MARCO- cd- 41d - 4534 kHz (SB-CT)
 NZEL: ZLPZ- Irirangi NAVRAD- cd/ltr/plc- 57d- 12943 kHz (SB-CT)

INDI:	13336	U	0250	JMA- Tokyo Aero wkg ???	(RMN-CT)	Bombay Aero wkg ???	(RMN-CT)	
JPAN:	5519	U	1240	JMA- Tokyo Aero - VOLMET b/c	(JDM-WN)	U 1240	JMA- Tokyo Aero - VOLMET b/c	(JDM-WN)
	5545	U	1306	Tokyo Central- aero roll call	(DEM-ALB)			
	7662	C	0956	KWL39- USMBE Tokyo - QRA/QSX mkr	(SAC-AUST)			
	8903	U	1240	Tokyo Aero - VOLMET b/c	(GHS-IL)			
	10000	A	0659	JYJ- SPTS Tokyo - CW/JJ/YL IDs	(SN-TX)			
	12942	C	0200	JNA- Tokyo NAVRAD - V mkr	(GLT-NM)			
	12054	C	0451	JDC- Choshi MARCO - DE/QSX mkr	(MWJ-ID)			
	13063	C	0240	JDB- Nagasaki MARCO - CQ mkr	(GLT-NM)			
NOKO:	9295	C	0023	HMK21- KONA Pyonyang - MC mkr	(AM-UK)			
	7860	R	1501	HMH22- KONA Pyonyang - RYs-66/425n	(MTC-AZ)			
	11169.9	R	var.	HMS53- KONA Pyonyang-EE/NY-66/425n	(RMA)(EDK)			
FOK.:	12727	C	0220	HLJ- Seoul MARCO - CQ mkr	(GLT-NM)			
	12843	C	1000	HLO- Seoul MARCO - CQ mkr	(PAC-UK)			
	13005.5	C	0315	HLW- Seoul MARCO - CQ mkr	(GLT-NM)			
	17129.7	C	0215	HLW- Seoul MARCO - CQ mkr	(GLT-NM)			
MLAY:	12667.9	C	1635	9MG2- Penang NAVRAD - CQ mkr	(AM-UK)			
MONG:	9306	R	1600	JTW26- PTP Ulan Batom- RYs-850mark only	(AM-UK)			
PAKI:	13010	C	0446	AQP4- Karachi NAVRAD- V mkr	(MWJ-ID)			
PHIL:	8555	C	1315	DZP- Manila MARCO - CQ mkr	(GLT-NM)			
REUN:	8176	R	0050	HXP- St. Denis Metro- WX - 66/425n	(AM-UK)			
	8475.5	C	0930	FUX- FF NAVRAD - V mkr	(GLT-NM)			
	13215.5	C	var.	FUX- FF NAVRAD- V mkr(RG-MA)	(DEM-ALB)(MWJ-ID)			
	22500	C	2319	FUX- FF NAVRAD- V mkr	(SB-CT)			
TINW:	12695.2	C	1040	XSX- Keelung MARCO - WX b/c	(SAC-AUST)			
	17010	C	0225	XSX- Keelung MARCO - CQ mkr	(GLT-NM)			
VLET:	7512.2	R	1925	XVH69- Hanoi Metro - CQ tape- 66/425n	(AM-UK)			
**** PACIFIC OCEAN ****								
AUST:	6428.5	C	var.	VHP- Canberra NAVRAD - V mkr	(DEM-ALB)	(RWA-IA)		
	6676	U	1105	VLS- Sydney VOLMET (CCP-OO)				
	10514.4	C	0810	VLS42- AOTC Sydney- V mkr	(SN-TX)			
	11387	U	var.	VLS- Sydney VOLMET - (CC-DE)	(PEF-SC)			
	12000	A	var.	VNG- SPTS Lyndhurst (ML-ME)	(JEB-CA)			
CARO:	5205	C	1145	KUP66- Ponape wkg KUP69 Yap	(MTC-AZ)			
FFPO:	6462	C	var.	FUM- FF NAVRAD Papeete- V mkr	(PAT-CA)	(DEM-ALB)		
	8625	C	1245	FUM- FF NAVRAD Papeete- V mkr	(RN-DC)			
	12664	C	0326	FUM- FF NAVRAD Papeete- V mkr	(PAC-NC)			
	17380	C	0150	FUM- FF NAVRAD Papeete- V mkr	(GLT-NM)			
FLJI:	5643	U	1144	3DN- Nandi Aero wkg Clipper 812	(CCP-CO)			
GUAM:	6506.4	U	1330	NRV- CG Guam - WX warning b/c	(JDM-WN)			
	17146.4	C	0210	NRV- CG Guam (Barrigada)	CG mkr	(GLT-NM)		
	22527	C	0120	NRV- CG Guam - CQ mkr	(GLT-NM)			
HI...:	6526	U	0624	Honolulu LIDOC- hurricane warning to a/c	(GLT-NM)			
	8765.4	U	1200	NMO- CG Honolulu - NFM b/c	(DH-OH)			
	13201	U	0251	AGA2- Hickam Awys wkg Alfa Tango 920	(CCP-OO)			

NZEL:	ZLB4-	Awarua MARCO- ltr?-52a	- 8504 kHz	(SB-CT)
NOR.:	LGT-	Tjome MARCO - ltr- 22a	- IRC - 500 kHz	(PAC-UK)
PANA:	AGAHO-	USAF MARS Howard AFB- cd-30a	MS- 13976 kHz	(GRW-OH)
SOAF:	ZSD-	Durban MARCO- postcard-	130a- 2 IRCs- 8576 kHz	(IM-CA)
URGY:	CWA-	Cerrito MARCO- ltr- 35a	12750 kHz	(SB-CT)
SHIP:	NNN0CXN-	USS FORTLAND- cd/ltr- 46d	MS - 14442 kHz	(GRW-OH)
	NNN0GX-	USS VIRGINIA- cd? 45d	MS - 14470 kHz	(GRW-OH)
	NNN0GX-	USS VIRGINIA- postcard- 37a	MS- 14467 kHz	(GRW-OH)
	KAAC-	EXXON SAN FRANCISCO- PFC-	11d- MS - 22124 kHz	(IM-CA)
	WNFJ-	EXXON PHILADELPHIA- PFC/pic-	12d- MS - 22124 kHz	(IM-CA)
	GXEV-	RESOLUTION BAY- ltr- 61d	IRC- 12550 kHz	(HH-MD)
	OMUD-	MERCANTILE MERCHANT 2- ltr-	20d- XRP- 12435 kHz	(HH-MD)
	PCLX-	ALIDA SMITHS- ltr/pic-	152a- IRC- 12540 kHz	(HH-MD)
	WFLG-	PENROD 71- PFC/pic-	11d-MS- 12345.5 kHz	(HH-MD)
	OCUY-	KOTKANEMI- PFC- 82d	IRC - 12576 kHz	(HH-MD)
	WTSY-	055- TINA 4- PFC- 12d	MS - 12430 kHz	(HH-MD)
	WHY7055-	CULF COMMANDER- PFC-	35d- MS- 8294.2 kHz	(HH-MD)
	GNOX-	GAZANA- ltr/pic-	32d- IRC- 12544.8 kHz	(HH-MD)
	WIF6992-	MISTER PETE- PFC-	17a- MS- 12422 kHz	(HH-MD)

*** We had a total of 61 contributors to this months column....

(BLA-PA)	Brian Alexander	(AK-MD)	Anthony Kobylski
(RMA-IA)	Rodney Alexander	(KW-VA)	Kraig Krist
(WCA-OH)	W.C. Alexander	(EDK-MI)	Engene Krollak
(JTB-CA)	James Barrett	(RAL-OH)	Robert Leary
(SB-CT)	Sam Barto	(ML-ME)	Mike Leonard
(HCB-WA)	Hobart Beal	(JL-NJ)	Jay Levin
(JEB-CA)	Jason Berri	(RJ-GA)	Robert Lewallyn
(CC-DE)	Cornelia Campbell	(MM-VA)	Mike McKinstry
(PCC-RI)	Peter Card	(LM-CA)	Louis McLain
(MTC-AZ)	Mike Chabak	(DEM-ALB)	Donald Moman
(MDC-NY)	Mark Chinsky	(AM-UK)	Alex Moore
(PAC-UK)	Peter Conway	(SN-TX)	Sam Neal
(SAC-AUST)	Steven Costin	(RN-DC)	Ronald Norman
(RAC-VI)	Robert Curtis	(WP-FL)	William Parks
(JHD-PA)	John Demmitt	(RNP-CT)	Roger Peterson
(JCD-CA)	Chris Devendorf	(RNP-ME)	Roger Pettengill
(FF-MO)	Robert Flack	(RFR-KS)	Robert Rankin
(PEF-SC)	Phillip Forrester	(TLP-OH)	Terrance Pringle
(RG-MA)	Raymond Gallagher	(JL-NM)	John Reisenauer
(PAC-NC)	Paul Gilster	(JR-ND)	John Reisenauer
(MSH-NC)	Mike Hardester	(TPS-NY)	Thomas Sable
(RMH-NY)	Ruth Hesck	(GHS-IL)	Greg Shepherd
(HH-MD)	Hank Holbrook	(LJS-GO)	Leonard Stock

HI... 13300 Honolulu Aero wkg Japan Air 692 (HCB-WA)
 13336 U ----- Honolulu Aero wkg Singapore 16 (MWJ-ID)
 JOHN: 7360 U 0830 AGA8JT- USAF MARS p/p via ACA8H1 (JCD-CA)
 KERM: 12152.5 U 0532 ZMB6- Raonni Is. p/p via ZLX59 (WTC-AZ)
 NCAL: 4590 C 0850 FUJ- FF NAVRAD Noumea - F mkr (JGD-CA)
 NZEL: 5519 U 1250 Auckland Aero - VOLMET b/c (JDM-WN)
 7600 C 0935 ZL222- Wellington Metro - WX b/c (EDK-MI)
 11130 C 0520 ZL222- Wellington Metro - sea level b/c (SAC-AUST)
 12716 C 0625 ZL05- Irirangi NAVRAD - DE/QSX mkr (JEB-CA)
 13251 U 0155 ZLK- Christchurch Aero wkg South Pole 230 (SAC)
 13344 U 1420 Auckland Aero - VOLMET b/c (JDM-WN)
 14850 C 0928 ZLX37- Wellington Metro - WX b/c (PAC-UK)
 17171 C 0345 ZLB4/7- Awatara MARCO - DE/QSX mkr (JEB-CA)

8997 U 0523 a/c XRAY DELTA 04 wkg McMurdo Station (GHS-IL)
 11552 U 0245 NHG- Palmer Sta. wkg South Pole Sta. (DEM-ALB) (WTC-AZ)
 13385 C 0245 UDV- Novolazarevskaya Sta wkg RUZU (RLR-IS)
 13385 C 0016 UGE2- Bellingshausen Base wkg UZ3 (RLR-KS)
 ** Bob reports Soviet Antarctic net begins 0015 GMT daily (RR cyrillic...)
 13974 U 0330 NNWQIE- McMurdo (MARS) p/p via NNNWQIK (PAG-NC)
 14819.6 R 2310 LOK- Orcadas del Sur c/gg LOL - 66/850r (AM-UK)
 14747 R 0040 UGE2- Bellingshausen Base - WX b/c (JK-FRG)

**** SHIPS ****
 2182 U 0611 m/v INGRID c/gg CCR Sydney & Halifax (MD-ME)
 2182 U 0608 CGDQ- ALBERT callup to CCR Halifax. (ML-ME)
 2670 U 0244 GZON- ROACH BANK wkg CGC CAPE HATTERAS (RIJ-GA)
 3237 U 1130 NEWK- USS GALLANT wkg CGC POLAR STAR (DEM-ALB)
 4400.8 U 0437 CGC CAPE UPRIGHT r/c CG Miami FL (RWA-IA)
 5810 U 0497 UTC FREEDOM wkg UTC LIBERTY (SSSup) (EIA-PA) (RAL-OH)
 5810 U 1058 NGBO- CGC CAPE KNOX wkg RANGE CONTROL (SSSup) (RAL-OH)
 6200 U 2315 NRDD- CGC DUANE wkg CG Portsmouth VA (JR-ND)
 6200 U 0142 NRTH- CGC ACTIVE wkg CG Portsmouth VA (JR-ND)
 6200 U 2340 NMAG- CGC HAMILTON wkg CG Portsmouth VA (JR-ND)
 6200 U 0146 NNGR- CGC TAMAROA wkg CG Portsmouth VA (JR-ND)
 6200 U 0107 HMS FARVO wkg CG Portsmouth VA (JR-ND)
 6200 U 2240 m/v CANADIAN HIGHLANDER wkg CG Portsmouth (JR-ND)
 6200 U 1210 NYGG- USNS CHAUVENET wkg CG New Orleans (WTC-AZ)
 6200 U 0148 HZFI- (Saud. Navy) FATISAL wkg CG Portsmouth (JR-ND)
 6292.5 C 2021 CCEP- CANCG NARWHAL c/gg VCS Halifax (RAC-VT)
 6506.4 U var. NKIG- CGC POINT GAMDEN, NBTW- CGC POLAR STAR,
 NAAC- CGC GLACIER wkg NWC (LK-NY) (JDM-WN) (JR-ND)
 NPTN- CGC CHILULA wkg CG Portsmouth (JDM-WN)
 6506.4 U 1404 NODT- CGC SASSAFRAS WKG CG Honolulu HI (JR-ND)
 6506.4 U 0254

(DH-OH) David Hubbard
 (HGJ-TX) Howard Johnson
 (MWJ-ID) Mark Johnson
 (JRM-MS) Jack Jones
 (LK-NY) Leon Kanopka
 (JMK-MA) John Kapinos
 (JK-FRG) Joerg Klingenfuss

(WJS-OVNT) Wilf Stone
 (LMT-AZ) Lyle Taylor
 (GLT-NM) Glenn Thompson
 (PAT-CA) Peggy Thompson
 (GRW-OH) Gene Wallega
 (JDM-MN) John Williams
 (DLW-PA) David Willson
 (BCW-VA) Bernie Wimmers

*** Ron Pokatiloff wants to sell his Drake R7 receiver. Asking price is \$7500... Anyone interested, please contact:

Ronald Pokatiloff
 2661 Sheridan Road
 Zion, IL 60099
 telephone - (312) 872-3633

*** The Space Shuttle "Challenger" is scheduled for a mid January 1983 launch. Watch the freqs reported in this months bulletin and the previous issues; for space shuttle support activities. (SSSup)

**** SRCU NEEDS - There are many maritime type shore stations (mainly USA) that are of a corporate variety, and are not shown in ITU maritime listings. These include, fishing fleet, charter, oil company, etc base stations. Does anyone have a somewhat comprehensive call letter/QRH listing for these stations, or know of a specific source for this information???

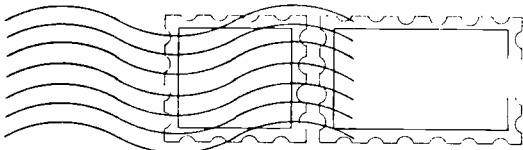
*** SRCU NEEDS - Tactical Callsigns: I'm assembling a list of "STATIC" (non-changing) tac callsigns/prefixes. PLUS positive IDs. Coverage is worldwide - any military/governmental agency.....

**** An Abbreviations & Terminology list, plus Country abbrevs., that are used in this ute column, are available from your utility editor for a #10 letter size SASE.....

**** Revised Utility and Numbers logging master forms are likewise available for a #10 letter size SASE.....
 (Overseas utes - 1 IRC for each package...)

NOTE - Some of you have questioned the large coverage percentage devoted to "Tactical" stas. I present what is sent in. Tac comms interest is very high, with very large logging inputs. When I must cut loggings, due to space restrictions, Tactical is likewise trimmed. (often more than the other sub-sections)

mtc



EDITOR:

JOHN KAPINOS
86 S. QUINSIGAMOND AVE.
SHREWSBURY, MA 01545

Deadline: 12th of the month

QSL REPORTS

We are deeply saddened at the passing of one of our long time QSL column contributors and friends, Marjorie Oakley of Grants Pass, Oregon. To her family go our deepest sympathies and prayers. This column is dedicated to her memory.

ANTARCTICA

LRA-36, Esperanza Base, 15476v, logo card and personal letter in 6+ months for tape, 2 IRC, postcard (Witte-CA), same in 100 days for SS report, 2 IRC (Wilczek-IL). Both arrived via registered air mail.

AFRICA

ASCENSION ISLAND: BBC Atlantic Relay, 7105, f/d prepared card in 35 days, ms (Hall-CA). Every now and then a BBC staff person at one of the relay sites will complete and return a card (kap).

CAMEROON: Radio Bafoussam, 4000, date only FF form letter in 6 weeks for EE report, 2 IRC (Wilkins-CO); Radio Buea, 3970, out of date program sked only in 43 days, FF report, 2 IRC (Wilczek-IL). Can't really consider this a QSL (kap)..

GHANA: GBC, 4915, f/d multi-color card in 98 days, IRC (Sharp-FL). Beware the "pen-pal" letters that usually arrive in response to reports (kap).

LIBERIA: ELBC, 3255, f/d "Sound of Progress" card in 48 days, 2 IRC (Krist-VA); VOA Monrovia relay, 6035, f/d Golden Gate Bridge card in 14 days, via Washington VOA HQ (Kanon-NY).

MADAGASCAR: (Malagasy Republic), Radio Netherlands Relay, 15220, f/d Authentic Costumes card in 61 days, IRC (Kanon-NY).

MOROCCO: VOA Tangier Relay, 21630, f/d cd in 32 days (Hosmer-MI).

NIGERIA: Bendel Broadcasting Service - Benin City, 4932 (station is no longer on the air), frequency only verification letter in 3 weeks, 5 reports total over a period of 3 years, 4 months (Lobdell-MA); Radio Ibadan, 6050, f/d form letter in 53 days, 2 IRC (Kanon-NY); FRCN-Kaduna 4770, f/d form letters in 111 days, 2 IRC (Greenbauer-AZ), in 6 weeks, 2 IRC (Burke-VA), in 40 days, IRC (Ward-PQ); Kwara State Broadcasting Corp., 7145, f/d form letter in 8 months total, 6 weeks after follow up, ms (Lazarus-LA); Plateau Broadcasting Corp., 5965, f/d form letter in 30 days, 2 IRC (returned). Address given as P.M.B. 2043, Jos, which differs from WRTVH-1982 (Parks-FL).

RWANDA: Deutsche Welle Kigali relay, 7225, f/d DW Broadcast Center card in 43 days (kanon-NY), f/d EDXC card in 30 days along with pennant (Kanopka-NY); 21600, n/d card in 49 days (Welch-MA).

SIERRA LEONE: SLBS, 5980, f/d letter in 40 days, 3 IRC (Heller-WA).

SEYCHELLES: FEBA, 11890, usual no data map card in 25 days, 2 IRC (Heller-WA), 15385, same in 4 weeks, 2 IRC (Wilkins-CO).

SOUTH AFRICA: Radio RSA, 9615, 11730, f/d cards in 23 days (McKinstry-VA), in 15 days (Spremo-NY), in 27 days, IRC (Thompson-NM).

TOGO: Radio Lama Kara, 3222, f/d Logo card in 114 days for EE/FF report and 2 IRC (Wilczek-IL); Radio Togo, 5020, f/d map and logo card in 47 days (Sharp-FL).

UGANDA: R. Uganda, 15325, f/d Building card 29 days after follow up, 3 IRC along with very nice letter (Hosmer-MI).

ASIA

CHINA: PBS Guangxi, 4915, f/d cards in 44 days (Wilczek-IL), same in 26 dates (Hall-CA); Hunan PBS, 4990, f/d card in 33 days (Schlesinger-TX), YUNNAN PBS, 5960, f/d card in 26 days (Hall-CA); FUJIAN FRONT, 5770, f/d cd in 26 days (Hall-CA); CHENGDU PBS, 5900, f/d card in 29 days (Hall); Fujian PBS, 5900, f/d cd in 28 days (??); Radio Peking, 11795, 9170, 15120, 17680, f/d cards in 14 days (Wettersten-OH), in 62 days (Ward-PQ), in 25 days (Pfeffer-NY), in 18 days (Cox-LA). It should be noted that all the regional QSLs were received via Peking (kap).

HONG KONG: RTHK, 3940, p/d card 4 weeks after follow up. This was for 5 April 1982 reception of special broadcast for "China Sea Yacht Race". (Neumann-MO). An outstanding QSL, Serge (kap).

INDIA: All India Radio, 11620, f/d cards in 30 days (Sienicki-NJ), in 52 days (Ulmer-LA), in 48 days (kanon-NY).

INDONESIA: Voice of Indonesia, 11790, f/d cards in 5 months, ms (Annis-IN), in 158 days, 2 IRC (Greenbauer-AZ), in 165 days (Lord-CA), in 168 days (Ulmer-LA), in 96 days, 2 IRC (Hensley-TX), in 91 days (Sharp-FL); RRI Tanjung Pinang, 3225, f/d letter in 16 weeks (Neumann-MO); RRI Surakarta, 4900, f/d II letter in 51 days, IRC, II report (Wilczek-IL); RRI Malang, 7270, f/d personal letter in 27 days for II report, ms, this frequency is not apparently a regular broadcast freq, possibly a harmonic (Schlesinger-TX).

JAPAN: Far East Network, 6155, p/d FEN/AFRTS card in 124 days (Greenbauer-AZ); Radio Japan, 17755, p/d card in 50 days (Krist-VA); 21832 (experimental SSB transmission), p/d cd in 13 days (Speer-CA).

KAMPUCHEA: Voice of the People of Kampuchea, f/d form letter in approx 1 year, frequency was 9695, this QSL received thanks to a U.S. DXer, who found mine stuck to his (Demmitt-PA). Yes, John, I know the whole story, we were going to hold off on sending you the QSL and run it in the column first (hi) (kap), f/d form letter, the second QSL for the same reception, 90 days (Gavaras-MN); 11938, date/time form letter in 816 days total, 4 follow ups, EE/FF report (Hardester-NC). Welcome to the East Coast, Mike (kap).

KOREA, SOUTH: Radio Korea, 9570, 9750, 15525, f/d Summer Olympics cards in 39 days (Hesch-NY), in 21 days (Wormwood-NY), in 33 days (Zolla-CA).

MONGOLIA: Radio Ulan Bator, 12070, f/d card in 78 days (Welch-MA), same in 70 days after 3rd follow up (Gavaras-MN)

PAKISTAN: Radio Pakistan, 15495, f/d card in 33 days, IRC (Drollinger-WI); 21804, f/d cd 103 days after follow up (Kanopka-NY).

PHILIPPINES: Radio Veritas Asia, 9605, f/d card, personal letter, report forms and sked, in 36 days, IRC (Wilczek-IL); FEBC, 11890, f/d "Morse Code" card in 27 days, 2 IRC (Kanon-NY).

TAIWAN: Voice of Free China, 11740, f/d cards along with "goodie packs" in 134 days (Hensley-TX), in 86 days (Howard-MO). It's been noted by some that the "Via Air Mail" stamp on VOFC envelopes has been crossed off in many cases, thus the long return time (kap).

TURKEY: Voice of Turkey, 11900, f/d card in 31 days (Wormwood-NY); 7155, same in 6 weeks (Barto-CT). Barto, hmmm...I know that name from somewhere...Aha, it came to me, welcome to Sam Barto, FRIENDX QSL Editor to these pages. About time you joined SPEEDX (kap).

VIETNAM: Voice of Vietnam, 10080, f/d thin paper card in 7 weeks after follow up, IRC (Wilkins-CO).

SRI LANKA: Adventist World Radio via SLBC, 11835, f/d Radio Monitors International card, QSL stamp, sked and RMI information sheet as well as a personal letter from our good friend Adrian Peterson in 2 months for 3 IRC, postcard, shack photo, etc (Kapinos-MA).

MIDDLE EAST

AFGHANISTAN: Radio Afghanistan, 4740, f/d Khulm Tea House card in 37 days, 3 IRC (Wilczek-IL), 15077, f/d Aq Chah Market cd in 33 days, 3 IRC (Hosmer-MI); 15320, f/d Great Mosque of Herat cd in 48 days, 2 IRC (McLain-CA). Interesting to note that they have different cards (kap).

EGYPT: Radio Cairo, 9475, f/d cd in 98 days, IRC (Hecht-PA), in 2 months (Jones-VA), in 133 days along with calendar (Spremo-NY).

ISRAEL: Kol Israel, 9815, f/d Mid-East Map card in 81 days (Gallagher-MA).

KUWAIT: Radio Kuwait, 11675, f/d QSL folder along with sked and 3 inch diameter sticker (something new) in 25 days (Sienicki-NJ).

LEBANON: Voice (King) of Hope, 6215, f/d Logo and Antenna card in 7 days, U.S. ms (Stephany-NY), same in 6 days, U.S. ms, also received sticker and station info (Wilczek-IL). I suggest that reports be sent to the U.S. address: High Adventure Ministries, Box 7466, Van Nuys, CA for quick replies. RP in the form of U.S. ms should be enclosed (kap).

UNITED ARAB EMIRATES: Radio Dubai, 15300, 17775, 21655, f/d cards in 37 days (Wettersten-OH), in 25 days (Tordoff-CA), in 35 days (Hahn), in 23 days (Heller-WA), in 29 days (Kanon-NY), in 27 days (Krist-VA).

U.S.S.R.

Radio Moscow Sites:

Alma Ata, 11770, 38 days (Schlesinger-TX), Frunze, 12060, 30 days (Hosmer-MI), Minsk, 11735, 61 days (Schulsinger-OH), Moscow, 7190, 43 days (Sienicki-NJ), 9685, 30 days (Welch-MA); Kenga, 12060, 60 days (Jones-VA), Simferopol, 15455, 59 days (Schulsinger), Tula, 9610, 20 days (Sienicki).

Radio Kiev; 11735, 37 days (Krist-VA); 11790, 80 days (Sienicki-NJ); 17870, 45 days (Zolla-CA).

Radio Station Peace and Progress, 17795, 22 days (Kanon-NY).

Radio Tashkent; 11785 in 26 days (Spremo-NY); 15460, 39 days (Krist-VA).

Radio Vilnius; 11790, 70 days (Sienicki-NJ).

Radio Yerevan; 17870, 100 days (Stephany-NY).

Note: all QSLs were full data and no return postage was sent (kap).

OCEANIA

AUSTRALIA: Radio Australia, 9580, f/d cd in 17 days, IRC (Spremo-NY); VLH9, Lyndhurst, 9680, f/d map card in 10 months, IRC (Wilczek-IL). Starting next month, by popular demand, we will begin printing the transmitter sites of Radio Australia. It would be greatly appreciated if you could note these on your contributions. Thanks. (kap).

GUAM: KTWR, 11840, f/d card in 30 days (Kanon-NY). Again, we'd like to remind everyone that Guam is a U.S. possession and that U.S. mint stamps are fine for return postage for U.S. reporters (kap). For our foreign readers (except Canada and Mexico where the rate is 20¢), the Airmail rate is 40¢ (kap).

NEW ZEALAND: Radio New Zealand, 15485, f/d cd in 13 days, 3 IRC (Spremo-NY), in 16 days (Wettersten-OH). Again the rumors are around that RNZ may discontinue its SW service. Better get it while it's still on (kap).

PAPUA NEW GUINEA: R. East New Britain, 3385, f/d NBC Map card in 300 days, 3 IRC (Gavaras-MN); R. West Sepik, 3205, date only personal letter in 62 days, IRC (Wilczek-IL); R. Madang, 3260, p/d personal letter in 69 days, IRC (Wilczek); R. Eastern Highlands, 3395, freq only personal letter in 1 months, ms (Lazarus-LA); Radio Northern, 2468, f/d Map cd in 39 days, 2 IRC (Thompson-NM). Nice turnout, folks (kap).

SOLOMON ISLANDS: SIBC, 9545, f/d Logo cards in 34 days, 2 IRC (Blake), in 28 days, 2 IRC (Latko-AZ).

ALBANIA: Radio Tirana, 6200, f/d Revolutionary Spirit card in 27 days (Sienicki-NJ); 7300, same in 120 days (??). Mail from this station is often received postage due. Theoretically, under UPU Regulations underpaid (or unpaid) mail should be marked "T" at the point of origin. No use trying to argue the point with your mailman, he knows the UPU regulations as well as I know Albanian, so pay the postage due and get your QSL (kap).

BELGIUM: BRT, 11695, f/d Belgian Art card in 30 days (Krist-VA); 11695, f/d Sculpture card in 31 days (Sharp-FL); ORU, La Voix De L'Amitie, 17675, f/d "Modulator" card in 2 weeks, IRC (returned) (Wilkins-CO).

BULGARIA: Radio Sofia, 9700, f/d card in 36 days (Howard-MO), in 39 days (Hecht-PA), in 61 days (Cox-LA).

CZECHOSLOVAKIA: Radio Prague, 7345, f/d card in 98 days (Latko-AZ); 11990, f/d card in 51 days (Hecht-PA), in 55 days (Wormwood-NY). The magazines that Radio Prague sends along, especially upon request, are very nice.

DENMARK: Radio Denmark, 11825, f/d 1/4 Painting cd in 17 days, IRC (Wilkins)

FINLAND: Radio (We are not a supermarket) Finland, 21475, no data cards in 24 days (Muzyka-NY), same in 23 days (Krist-VA), same in 28 days (Jones-VA). Looks like no hope on getting f/d cards from them (kap).

GERMANY-EAST: Radio Berlin International, 11890, f/d card in 60 days (Sienicki-NY); 11975, same in 84 days along with calendar (Spremo-NY).

GERMANY-WEST: Sudwestfunk, 7265, p/d Abstract Art card in 44 days, 2 IRC (Stephany-NY); Deutsche Welle, 6040, 6145, 9545, 9565, either f/d EDXC or no data cards in 168 days (Sienicki-NY), in 24 days (Kanopka-NY), in 24 days along with requested pennant, IRC (Craig-OH), in 17 days (Muzyka-NY), in 94 days, 2 IRC (Preston-CA), in 28 days, IRC (Claytor)

GREECE: Voice of Greece, 9865, f/d card in 95 days (Sienicki-NY); 15050, f/d cards in 66 days, IRC (Schulsinger-OH), in 50 days, 2 IRC (Hosmer-MI); Radio Stathmos Makedonias, 15060, f/d card in 4 weeks, IRC (Wilkins-CO), in 124 days (Schlesinger-TX); VOA Kavala Relay, 11925, f/d Golden Gate Bridge card in 14 days (Greenbauer-AZ). We've had a couple of winners in the "15050" contest, but will hold off until next month in announcing them all as there may be some late entries (kap).

MONACO: TWR-Monte Carlo, 9495, f/d card in 32 days, IRC (Stephany-NY).

HOLLAND: (how did Monaco sneak in before); Radio Netherlands, 9895, f/d card in 58 days (Wilczek-IL); 17605, f/d card in 12 days (Spremo-NY); 21685, f/d card in 21 days (Alexander-OH), in 15 days (Howard-MO).

HUNGARY: Radio Budapest, 9585, f/d card in 51 days (Krist-VA), in 23 days (Howard-MO).

LUXEMBOURG: Radio Luxembourg, f/d antenna cd in 420 days, 2 IRC (Alexander)

NORWAY: Radio Norway, 21705, f/d cd in 25 days (Hensley-TX); 21575, f/d cd in 20 days (Krist-VA).

POLAND: RADIO POLONIA; 6135, 9525, 11815, 15120, f/d cards in 2 months (Barto-CT), in 45 days (Krist-VA), in 57 days (Kanon-NY), in 79 days (Zolla-CA), in 66 days (Cox-LA).

PORTUGAL: Radio Portugal, 9520, f/d card and sked in 32 days (Muzyka-NY); 11925, f/d card in 39 days (Wettersten-OH); Radio Renascenca, 11730, f/d blue and white logo card and form letter in 125 days, PP report, 2 IRC (Schlesinger-TX).

ROMANIA: Radio Bucharest, 9570, f/d cd in 24 days (Krist-VA).

SPAIN: Spanish Foreign Radio, 9630, 11880, f/d cards in 25 days (Speer-CA), in 39 days (Hesch-NY), in 33 days (Spremo-NY), in 55 days (Thompson-NM), in 31 days (Alexander-OH).

SWEDEN: Radio Sweden International, 11705, f/d Logo card in 17 days along with sked, IRC (Bartsch-MN), 9685, same in 16 days (Wettersten-OH), in 30 days (James-NC). Some good news here, looks like Radio Sweden has abandoned the "Do It Yourself" cards and gone back to regular ones (kap)

SWITZERLAND: Red Cross Broadcasting Service, 7210, f/d "Globe and Headphones" card in 20 days, IRC (Wilkins-CO); Swiss Radio International, 9725, 15305, f/d SRI Broadcast House cards in 26 days, IRC (Thompson-NM), in 21 days 2 IRC (McKinstry-VA), in 19 days, 2 IRC (Ray-PA). Here's the contest, first copy of a SRI QSL for their transmissions on 3985 wins a \$5.00 Gift Certificate to DX Stamp Service. Only catch is that the reception date must be 1 November 1982 or after. Postmark will determine ties. (kap)

TAHITI: France Regions 3, 15170, f/d card in 60 days, ms (Annis-IN), in 50 days, 2 IRC (Greenbauer-AZ), in 30 days, IRC (Stephany-NY).

VANUATU: Radio Vanuatu, 7260, f/d cd in 6 months, 3 IRC (Neumann-MO).

SOUTH AMERICA

BOLIVIA: Radio Nacional, 5975, form letter in 130 days for SS report and ms (Schlesinger-TX); Radio Illimani, 6025, p/d (Wrong date) card in 38 weeks total, 11 weeks after follow up, SS report, ms (Wilkins-CO).

BRASIL: R. Difusora Taubate, 4925, p/d card in 15 days, PP report (Wilczek-IL); same in 13 days, PP report, ms (Parks-FL); Radio Guaiba, 5965, n/d card with veri statement in 36 days, PP report, ms (Parks); R. Difusora de Alagoas, 3275, date only form letter (not mentioning the SW facilities) in 75 days, PP report, ms (Schlesinger-TX); Radio Bras, 15290, 17830, f/d cards in 113 days (Ulmer-LA), in 123 days (Hensley-TX), in 96 days (Preston-CA), in 79 days (Drollinger-WI)

COLOMBIA: Ecos del Atrato-Quibdo, 5020, n/d letter and handmade QSL card in 1 month after 3rd follow up, SS report, ms, station is currently off shortwave (Lobdell-MA).

ECUADOR: Radio Quito, 4920, freq only folder in 29 days for SS report, IRC (Drollinger-WI); HCUB, 3220, f/d cd in 59 days (Ward-PQ); 26020 Special 100 watt transmitter cards (Cox-LA), Greenbauer-AZ); regular frequencies, f/d cards (Spremo-NY, Krist-VA, Sienicki-NJ, Alexander-NC, Howard-MO, Ulmer-LA).

PARAGUAY: Radio Nacional, 11915v, p/d letter in 27 days, 2 IRC (Heller-WA)

PERU: R. Cultural Amauta, 4955, p/d personal letter and pstcard in 9 wks for SS report, ms (Wilkins-CO).

VENEZUELA: Radio Carora, 4910, date/freq letters in 21 days, IRC (Schlesinger-TX), same in 25 days, SS report (Huffaker-MEXICO); Ecos del Torbes, 4980, freq only map and flag card in 60 days, SS report, IRC (Moore-TX); Radio Tachira, 4830, f/d pfc in 74 days (Wilczek-IL).

NORTH AMERICA

BELIZE: Radio Belize, f/d map card in 19 days, IRC (Harrington-MA).

RONAIRE: Trans World Radio, 9755, f/d Antenna System card in 33 days, IRC (Muzyka-NY); Radio Netherlands Relay, 6165, f/d Van Gogh painting card in 13 days, IRC (Thompson-NM).

CANADA: CFCX-Montreal, 6005, p/d "Skyline" card in 14 days, ms (Wilkins-CO); CFVP-Calgary, 6030, f/d CFCN-Calgary Skyline cd in 22 days, ms, an IRC was taped to the envelope as postage (Wilkins), same in 12 days sans time, ms (Parks-FL), in 15 days, ms (Schlesinger-TX); CFRX-Toronto, 6070, f/d Marine Mobile cd in 13 days, ms (Wilkins); in 14 days (Kanon-NY); CHNX-Halifax, 6130, f/d Canada's Ocean Playground cd in 16 days, ms (Schulsinger-OH). And, another contest....any "old timer" out there who might have a QSL from CJNX in Sydney, NS should take heed. First photocopy in gets our choice of the pennant, badge and pin box (kap).

GREENLAND: Radio Greenland, 3999, f/d Folder with handwritten QSL message in 31 days, 2 IRC (McLain-CA). How nice, Lois. Seldom heard, even more seldom verified. Well done (kap).

CUBA: Radio Habana Cuba, 9525, 11725, 11760, 11930, f/d cards in 145 days (Spremo-NY), 118 days (Sienicki-NJ), 164 days (Kanon-NY), 174 days (Howard-MO); Radio Moscow relay, 9600, 11840, f/d cards via Moscow in 52 days (Schulsinger-OH), (Muzyka-NY).

HONDURAS: Radio Lux, 4890, f/d handwritten letter in 24 days after follow up, SS report, ms (Wilkins-CO); HRVC, 4820, date/freq Logo card in 20 days, 2 IRC (Pfeffer-NY).

MEXICO: XERMx, Radio Mexico, f/d plain card with used Mexican postage stamp attached in ?? (Kanpoka-NY).

MONTERRAT: Deutsche Welle relay, 11705, usual no data Building card in 30 days (Kanpoka-NY).

NICARAGUA: RN de Nicaragua, 5955, date/freq personal letter along with pennant and "Sandinista pak" in 98 days, SS report, ms (Stephany-NY).

U.S.A. WINB-Red Lion, 15185, f/d card in 12 days, ms (Schulsinger-OH); Voice of Free China via WYFR, 5985, f/d cards and "goodie packs" in 22 days (Muzyka-NY), in 5½ months (Krist-VA); WYFR, 21615, f/d Logo card in 25 days (Krist); WRNO-New Orleans, various frequencies, p/d "Louisiana Worlds Fair" and "DX Club" cards were received by Hesch-NY, Hecht-PA, Schulsinger-OH, Thompson-NM and Stephany-NY. The Worlds Fair card is available only to those who send their reports to the special address announced on the air along with comments regarding the Fair (kap).

KAP'S COMMENTS

Comments are still coming in regarding our stance about Pirates. Since there seems to be some diversity of thought on this subject, here's the way we are going to handle the situation. If you want to see Pirate QSL reports in this column, just send me (along with your regular QSL reports) a piece of paper marked "YES", if you don't want to see Pirates, mark the paper "NO". To those sending their contributions to Peggy Thompson, SPEEDX CDE, do the same. I would ask that you mention your name on the "ballot", to avoid duplication. We'll count 'em up, and, on February 12 will agree to the wishes of the majority.

Muriel and I wish to thank those who passed along Holiday greetings to us. They were greatly appreciated.

Pack in the late 1950's and early 1960's one of the more popular past-times was the exchange of "SWL" cards, along with shack photos. If the interest warrants, we're willing to put out a "swap" sheet every couple of months, independent of this column. No charge for this service, just an SASE. So let us know if you would like to swap either cards or pix and we'll work something up. Target date for the "Charter Edition" of "KAP'S SWAPS" is March 1, 1983. All are welcome, plans are for the first couple of "issues" to be one page or so. More on this project as things develop. Foreign readers are also most welcome, an IRC will do.

Now for the "oops" department. First of all, my apologies for getting the contributors page for December out to Mark a couple of days late... (post Aruba fever, it was)...Also, the "lunar eclipse" part of the December column header was supposed to be a happy face, except that the printer picked up the orange background and "flooded" everything else out.

We had a bit of a problem with the computer and the Radio Moscow sites were a bit delayed. Things have been cured and everyone who asked for this listing should have it by the time this column is published.

For those who wish to support HAP-USA and pick up some rather nice station promotion items (pennants, pins, stickers and the like) might we suggest an SASE to Sam Barto, 489 King Street, Bristol, CT 06010 for a copy of his latest listing.

Yes, I, among several other SPEEDX editors, was burned by the Joseph George fraud of a couple of months ago. Again, my apologies for being taken in by this idiot. To those (and fortunately they are an infinitesimal minority) who like to play the "bag the editor" game, rest assured you will be caught up with.

Several correspondents have asked for information on how to join "Fine Tuning" and "Numero Uno". To the best of my knowledge these are closed organizations and membership is available on an "invitation only" basis.

Best,
Kap

12/15/82

Tips and Topics

THE FEATURE SECTION OF SPEEDX

EDITOR: ARTHUR S. GETZEL - 170-40 Highland Ave., Jamaica, NY 11432

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by David Maxfield, INDXer

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MODIFICATION

DON'T JUNK YOUR PANASONIC RF-2699!

by Bob Palmer, WA

When I last authored an article on the RF-2600 (September 1980 SPEEDX) we were, by analogy, marooned on a desert island with seven cases of Guinness Stout (Warm) and a 160-pound blonde (well-proportioned and statuesque) — the analogy being that trying to DX with an RF-2600 is a whole lot better than nothing. In the intervening 28 months I gravitated more and more to my Kenwood R-1000. Then one day a couple of weeks ago I decided I'd make one last try at improving the performance of the old RF-2600 and I hit the jackpot! There are some very simple mods which one can make that lifts the RF-2600 into a different class completely. Just grab a Phillips screwdriver and soldering iron and we're ready to start.

First, loosen completely the six deeply-recessed screws on the back of the cabinet. Gently lever the back away from the cabinet at the top ONLY, about three inches, and look inside. You must unclip from the circuit board the blue and black leads to the antenna and ground terminals mounted on the inside back of the cabinet; also, the red and blue leads which jack, by means of a 3-pin plug, into the side of the circuit board. The antenna and ground leads clip onto the board by miniature "automotive" type clips. Make a diagram so you'll get everything back correctly when you reassemble things. Now find the red lead which goes to the whip antenna. With the back partly off you'll find it clipped onto a plastic projection inside the cabinet. When the cabinet back is on and screwed down tightly, the metal antenna base bears against this clip, making the necessary electrical connection. The little cup-shaped clip easily pulls off the plastic projection. Now, remove the back of the cabinet completely — and start looking for the six screws which fell onto the floor as soon as you tilted the back away from vertical. (Knowing that this WILL happen if you're not careful may help prevent it.)

Put the cabinet back aside for a while and look inside the cabinet. Find the plastic pulley around which are wrapped two turns of dial-drive cord. This pulley is the one that is shafted to the analog dial on the face of the set. If the two wraps of dial cord on this pulley are crossed over one another, uncross them using miniature tools or your fingernail. I found that by doing this and by applying a small amount of outward tension with a pencil eraser wherever the dial cord ran between pulleys, I could, in effect, equalize dial cord tension throughout the dial-drive system. Big deal??? This same dial cord drives the main tuning capacitor, and by equalizing dial cord tension, I was able to almost nullify the annoying down-drift in frequency I'd experienced before. There's still the usual "warm-up" type drift, but after thirty minutes or so of operation, the set is very stable.

The next nod was intended to make the built-in whip antenna function better. Get the back of the cabinet and locate the terminal for the external antenna. Take the lead from this terminal on the inside of the cabinet back and clip or tape it up inside the back of the top edge. It will no longer make any contact with any part of the circuitry. The only lead still electrically connected with internal circuitry will be the red one which makes contact with the whip antenna base. Now take the cabinet back again and look carefully at the whip antenna mount. You should be able to find, on the bottom flange of the mount, a projection with a drilled hole, which points toward the inside surface of the cabinet back. Get a one or 1½-foot length of insulated, tinned, multistrand wire similar to the small diameter insulated wires inside the cabinet. Solder it to the aforementioned projection and stick the other end through the nearest horizontal slot on the cabinet back, and once it's outside, connect an alligator clip to it.

Now, put the back on the set making all internal connections exactly as you undid them with one exception — you now have only ONE wire from the two terminals on the back of the cabinet — the ground lead. Connect that where it was before. Now take another length of wire of the same kind that you made your antenna pigtail from, and connect that to the external ground terminal on the outside back of the cabinet, and attach another alligator clip to its free end. Now draw up those six screws that hold on the cabinet back until they're snug. You're almost ready to experience the fruits of your labor. . . .

But first, remove the six batteries from the back of the set. I found quite by accident that the set doesn't attain full sensitivity with the batteries "in" — especially so if they are not all at FULL charge. Operate only from the AC line cord unless you're away from an AC source.

So, OK. Now for antenna and ground hookups. When it comes to radio theory, and especially antenna theory, I'm dumber than The State Of Washington's tax structure (. . . if that is possible), so I just experimented, and found some of the most bizarre hookups imaginable but which boosted sensitivity a great deal. I found in ALL cases that maximum sensitivity was obtained with the whip antenna UP. Clip the outboard ground lead to you earth ground wire and the antenna pigtail to anything metal that you can locate alongside the set — a metal cookie cannister, one of your wife's metal cooking pans, or better yet, clip it to

from CRB Research, P.O. Box 56, Comack, NY 11725 for \$6.95 book rate mail. Add \$1.00 for First Class shipping.)

SHACK AIDS

HANDY ITEMS TO HAVE IN THE "SHACK"

by Leon Kanopka, Jr., NY

Shortwave listening is a fascinating hobby and very educational too. Let's face it, what other group of people heard of the Falkland Islands before the recent battle there. Who else knew the real name of Argentine Annie. I am proud of my hobby and I try to let other people know about it whenever possible. The hobby can get as simple or as difficult as you want it to. You can do casual SWling or hardnose DXing. Some items that can make DXing easier will be covered in this article.

Tape Recorder: Probably the most important thing next to your radio. A small reel-to-reel should be used, especially when sending taped reports to radio stations; although cassettes are good too. A supply of blank tapes should be kept on hand. For the reel-to-reel recorder, a box or two of RCA "Talk by Mail" tapes are handy and very inexpensive. For 20¢ you get about 20 minutes of tape on a reel, and a plastic reusable mailing box with address labels. They come in boxes of 10. These are great for sending taped reports to stations, because they don't cost much if you don't get them back. Cassettes are also good, but they are best used for one's own recording collection, as many small broadcasters in the Third World do not have cassette players.

Headphones: This is also a must, as they help you pick out the words from the QRM better, and also eliminate the annoying noises around the house.

Sunrise Sunset Curve Traces and Map: These can be very helpful in finding what are the best parts of the world to tune to at a given time. The local sunrise at any given area can sometimes give a window to reception from that region, and a sunrise chart is necessary for this information. I have one that I traced from some back issues of HCJB's ANDES club newsletter. There is also one available commercially called the DX Edge.

WRTVH: Absolutely the most important book a DXer can own. Most of us probably know about it but for those who don't, it lists all of the known broadcasters, their schedules, addresses and everything else you would want to know about them.

The Old Farmers Almanac: What?, you say. Yes. This book lists such things as the length of the gray zone surrounding sunrise and sunset, predicts such things as meteor showers, eclipses, and comet passings that can adversely effect shortwave propagation. It also list sunrise and sunset times for the whole U.S., and is filled with a lot of interesting articles to read while waiting for a rare catch to come out of the QRN.

Copies of Your Favorite Club Bulletins: These can be indispensable for up-to-date news on what is happening. Several different formats for logs would be best. By frequency, such as in FRENEX, and by country such as in the ASWLC or SPPEEX, of course.

Foreign Language Dictionaries: These are important if you are a QSLer. Some broadcasters will only answer reports in their native language. Also add to these, foreign language report guides such as those by SPEEX and NASWA.

QSL Address Book: Very good to have if you are into QSL's. Gives the address and QSL policies of broadcasters. Also gives some tips on getting QSL's from tough verifiers.

Review of International Broadcasting (RIB): Gives up-to-date schedules, and program information from the various broadcasters. Also comments by SWL's.

Popular Communications Magazine: A very good magazine devoted to all aspects of communications from very low frequency to satellite DXing. Very handy for utility DXers.

There are other publications that can be handy to have. There is the SPEEX Utility Guide for UTE DXers, the WRTVH newsletter, and also the BBOMS World Broadcasting Information newsletter, among others. There are also other pieces of equipment that come in handy, such as preamps, preselectors, audio processors and the like, but they are not absolutely necessary, although they help.

I have tried to cover some of the things that are useful in the DX shack. I know there are a lot of other luxuries that are nice to have, but not always affordable. If you have any other suggestions, put them in an article and send them in. I'd love to read them.

CONTRIBUTIONS: In the last several months, we have seen some very good articles in T & T. You're doing it. You are the spark that is lighting a flame of interest and imagination. But more work needs to be done. In this New Year, please contribute. Any type of article is wanted. Again, we need your help and cooperation. Thank you. Ed.

FROM THE PAPERS

FRITTS ASKS ACTION ON CUBA: According to the Oct. 30, 1982 Billboard, Ed Fritts, president of the National Association of Broadcasters has asked the FCC to convey to the ITU their objection to Cuban abuses on the AM band. Cuba last summer jammed US radio stations in retaliation of the US proposal to set up R. Marti which would broadcast news to Cuba (P. Thompson, CA)

ISRAEL'S MASTER EAVESDROPPER: The October 1982 Madassah Magazine has an interesting article on Michael Gurdus—Israel's master radio monitor. This is an update of previous articles which have appeared in SPEEDX as well as other publications about him. In case this is new to you, Mr. Gurdus' monitoring has been instrumental in the breaking of many important international news events, such as the Iran rescue mission and more recently, the Lebanese War. (Marc Schlossman, CA)

CLANDESTINE RADIO IN SALVADOR: The Nov. 21, Los Angeles Times has an interesting article on a bogus clandestine station in El Salvador. For over 2 years, the rebels have been broadcasting over R. Venceremos. But starting Nov. 1, on almost the same frequency, a similar but truly false station calling itself also R. Venceremos has been broadcasting news events which try to subvert the rebel cause. The rebels suspect that either the CIA or some right-wing group may be financing the station. R. Venceremos broadcasts on SW by the rebels and can sometimes be heard in the US. (Marc Schlossman, CA)

NEW VOA CHIEF MAY SHIFT THE VOA TO THE RIGHT: Kenneth Tomlinson, according to the Nov. 21 Los Angeles Times, 38 year old senior editor of Reader's Digest has been nominated the new VOA chief. He has no government, management or broadcasting experience. But he does have the endorsement of the New Right. If he is confirmed by the Senate, he will be the fifth full or acting head of VOA in the last two years. He was chosen because many better known journalists, such as Ben Wattenberg, Michael O'Neill, and Hugh Sidey turned down the post. His nomination caused the resignation of two top VOA officials. Many feel, his appointment will give the VOA a more anti-Soviet/Conservative slant. In recent months, VOA has started to broadcast anti-Soviet editorials and a special half hour program hosted by our UN ambassador, but the integrity of the news has remained intact. Now, many political observers feel the newscasts will start to be slanted under Tomlinson's tenure. (Marc Schlossman, CA)

R. MARTI COMMENT: For a commentary about the political consequences which R. Marti can produce, see the Sept. 20, 1982, Providence Journal. The commentary is by Senator Claiborne Pell, ranking Democrat on the Senate Foreign Relations Committee. (John Fisher, MA)

TIDBITS

NEW RECEIVERS: First, Kenwood is introducing the new R-2000. This receiver has a band scan and has a memory which can store up to ten stations. It also has a built in 24 hour clock. In addition, the receiver seems to have improved selectivity as compared to the other Kenwood models. Price is not known at the present time. The second new receiver is the ICON IC-R70. This receiver is in the same class as the NRD-515 or the Drake R-7A. Its list price is \$749.00. For more info on these receivers, you can call Mid-Com Electronics at 1-800-325-3609. (Bob Flick, MO)

RADIO STAMP TO BE ISSUED: Apropos of SPEEDX's recent review of the book Man of High Fidelity, the U.S. Postal Service will issue a stamp in 1983 commemorating Edwin Howard Armstrong, inventor of regenerative superheterodyne and FM radio. (Czechoslovakia issued such a stamp in 1959.) (Dave Maxfield, MI)

NEW HOME FOR RADIO AUSTRALIA: R. Australia's new location is 699 Highbury Road, East Burwood, Victoria 3151. The new building, designed and built to meet the needs of a multi-lingual international shortwave broadcaster, is the first building of a complex to be erected for the Australia Broadcasting Commission to house both domestic television and radio, as well as international radio. (Kraig Krist)

HEARD ISLAND: For about 6 weeks, starting this month, a DXpedition to Heard Island in the Indian Ocean will take place. The Call will be VK6II by the main group. Another call will be VK6NL. This is a rare one for sure. The last time it was active was for 3 days in 1969. (Peter Card, RI)

LEGISLATIVE AND REGULATORY DISAPPOINTMENT: Pres. Reagan signed ANRL-sponsored P.L. 97-259 on Sept. 13th. However, don't expect relief from various forms of man made RFI in the immediate future, despite QST's acclaim of a "new age" in its Nov. 1982 issue (p. 11-13, esp. p. 13). Managing Director E.J. Hinkel states that it would be "premature" for his FCC to prepare the necessary regulations, until possible "voluntary industry standards" have been given further hearing. Thus—for the present—needlessly noisy electric devices will continue to be built and sold, while too many new TVs and other home entertainment devices will continue to lack proper shields and filters. (See CQ, Nov. 1982, pp. 13-17, esp. p. 17.) (Dave Maxfield, MI)

ANTENNA SWITCH: From Bob Flick, we have available a diagram for a very handy and simple antenna switch. We still have available copies of his diagram for a helically wound vertical antenna. Cost for each is 20¢ plus a SASE envelop. Allow three weeks for delivery. Ed.

FINIS: That's it for another month. Hope the New Year will treat you well.

*JB
Author*

CONTRIBUTORS LIST:

JANUARY 1983

Edited by Mark Koukol, P.O. Box 321, De Kalb, IL 60115

Happy 1983 to all! This month finds me with the whopping total of 206 contributors; minus those whose credits were exclusively from last month, this figure becomes 165, and excellent total for any month. This indeed bears out our motto as the club for active shortwave listeners! Thanks, SPEEDXers. Lists were in this month as of 12/18/82 from all editors except Asia/Oceania. Apologies to several December contributors to Africa direct, whose credits were overlooked by me due to their appearance on a separate sheet from the others.

Contributions including, wholly or in part, credit from last month are marked by asterisk. Sections other than SWBC/QSL/UTES/SKEDS are credited directly by the membership chairman.

2	ADDISON, Joe	KS	R-600	1*	FORSMAN, Stan	CA	R-392
1*	AKED, Roger	FRANCE	NED-515	2	FOTMANN, Joe	IL	ICF-2001
2*	ALEXANDER, Brian	PA	R4	7*	FRASER, Robert	MA	XCR-30
7	ALEXANDER, C.	OH	ICF2001/SPR4	5*	GALLAGHER, Ray	MA	DX-303
2*	ALEXANDER, Rod	IA	SPR-4	1*	GARRETT, Larry	CA	?
4	ALEXANDER, Sam	NC	DX-302	2	GAVARAS, Tom	MN	HQ-180
1	ANNIS, William	IN	SPR-4	2*	GEORGE, Charles	TX	SSR-1
1*	BARRET, Jim	PA	?	4*	GLISTER, Paul	NC	ICF-2001
4*	BARTO, Sam	CT	?	2	GILVICH, Wallace	CA	?
3*	BARTSCH, Eric	MN	R-1000	2	GREENBAUER, Dan	AZ	RF-2800
1*	BAXTER, Kirk	KS	?	2*	GREENWALD, Jeff	WY	DX-100
2*	BEAL, Hobart	WA	R-4C	2	GRIJALVA, G.	AZ	SPR-4
5*	BERRI, Jason	CA	RF-2900	4	GRISHIN, Ivan	ON	?
2*	BLACK, Don	MA	IC-720A	2	GROSVENOR, Norm	CA	FRG-7
2*	BLAKE, Jerry	IN	FRG-7700	4	GUNTER, John	NC	R1000
1*	BROWN, Cliff	IL	R-7	5	HAHN, Jeff	CA	FRG-7
6*	BURKE, Lynn	VA	SPR-4	6*	HALBERT, Dan	CA	R-600
1	CAMPBELL, C.	DE	?	4*	HALL, Stuart	CA	DX-300
5*	CARD, Peter	RI	NRD-505	3	HARDESTER, Mike	NC	R-1000
1*	CARLSON, Roy	CA	DX-300	3*	HARRELL, Rich	IL	RF-2900
4	CARLSON, Virgil	WA	SK-190	1	HARRINGTON, F.	MA	?
1*	CEREGHIN, John	MD	DX-302	4*	HECHT, Bob	PA	RF-4900
2*	CHABAK, Mike	AZ	HQ-180	2	HELLER, Brian	WA	FRG-7700
1*	CHINSKY, Mark	NY	RF-2600	2*	HENSLEY, Wayne	TX	RF-2600
1*	CHRISTOPHER, Al	NJ	NRD-515	7	HESCH, Ruth	NY	R-1000
7*	CLAYTOR, Dave	MI	R-1000	4	HILL, Elaine	SC	FRG-7700
2*	CLEVELY, Russel	NY	DX-160	2*	HOLBROOK, Hank	MD	HQ-129
1	COHEN, Larry	PA	RF-4900	4	HOSMER, Don	MI	RF-3100
2	COLEMAN, Bob	MA	FRG-7	4	HOTALING, Stan	NV	RF-2800
2*	CONWAY, Peter	UK	51J4	1	HOWARD, Roberta	MO	?
1	COSTIN, Steve	AUS	FRG-7	1*	HOWARD, Ron	CA	SB-310
5	COX, Frank	LA	ICF6800W	4	HUBBARD, David	OH	FRG-7
4	CRAIG, Cal	OH	SW4A	3*	HUFFAKER, Carl	MEX	Homebrew
4	CUCURA, Vlad	PA	R-7	4	JAMES, Tom	FPO-NY	ICF-7600
2*	CURTIS, Robert	VT	SP-600	2*	JOHNSON, Fred	IL	ICF-2001
5	D'ANGELO, R.	PA	NC-190	2*	JOHNSON, Howard	TX	R-1000
7*	DEMMITT, John	PA	Homebrew	1	JOHNSON, Mark	ID	DX-302
1	DEVENDORF, J.	CA	SPR-4	1	JONES, David	VA	5-151-1A
5	DROLLINGER, Rick	WI	HQ-160	2*	JONES, Jack	MS	R-600
2	DUGUAY, Rick	MA	?	3*	KANON, Lee	NY	FRG-7700
6*	DUNCAN, Greg	NC	DX-302	2	KANOPKA, Leon	NY	DX-300
2*	ENGLISH, Don	TX	DX-302	3*	KAPINOS, John	MA	FRG-7/etc.
2*	ERAMO, Mark	MA	RF-2200	1*	KASPRZYK, Emil	TX	R4C
1*	EWING, David	IL	FRG-7	1*	KERR, Ian	UK	?
1*	FAMA, L.	CA	ICF-2001	1*	KIDD, Steven	CA	ICF-6700W
1*	FAMULARO, Ralph	CA	RF-2800	1*	KIVELL, Bob	NM	DX-300
1*	FISHER, John	RI	GPR-90	1	KLINGENFUSS, J.	FRG	R7/NRD515
2*	FLANNAGAN, Mel	VA	DX-302	3	KOBYLSKI, Tony	MD	FRG-7
2*	FLICK, Bob	MO	DX-300	3	KOEHLER, Wayne	IL	?
2*	FORRESTER, Phil	SC	?	8*	KRIST, Kraig	VA	FRG-7700

2*	KROLAK, Eugene	MI	FRG-7700	1*	ROSS, Robert	ON	FR-1015
2	LANGLOIS, Harold	GA	NC-98	4	RUCKMAN, ?	OH	?
2*	LATKO, Jay	AZ	DX-302	5*	SABLE, Tom	TX	FR6600JW
1*	LAY, Russ	VA	R-1000	4	SCHLESINGER, M.	NY	FRG-7
2*	LAZARUS, Henry	LA	SX-190	4*	SCHULSINGER, Mike	OH	FRG7/R390A
2*	LEARY, Robert	OH	FRG-7700	1*	SEYMOUR, Woody	NC	SPR-4
1*	LEDFORD, John	NJ	?	1*	SHAMBLIN, Bill	CA	RF-2200
4	LEITE, Steve	MA	HQ-180A	5*	SHARP, David	FL	HQ-129X
5	LEONARD, Mike	ME	R-1000	2*	SHEPHERD, Greg	IL	DX-300
2*	LEVIN, Jay	NJ	RF-2800	1*	SHERWOOD, Linda	MA	DX-160
2*	LEWALLYN, Robert	GA	RF-2800	7*	SIENICKI, Steve	NJ	DX-200
2*	LOBDELL, Chris	MA	FRG7000/HQ180	2*	SMITH, Tom	FL	XCR-30
4	LORD, Earle	CA	FRG-7700	4	SMITH, Traver	CA	ICF-2001
4	LUCAS, Richard	CA	R-1000	1*	SPARKS, Bill	CA	R4B
3*	MCCANTS, Don	AL	RF-2299	4*	SPEER, Richard	CA	RF-2900
1*	MCKINSTRY, Lohr	PA	?	2	SPREMO, Alfred	NY	FRG-7700
3*	MCKINSTRY, Mike	VA	?	2*	STARK, Chris	NB	ICF-6800W
2	MCLAIN, Lois	CA	SPR-4	1	STEIN, Rick	NJ	FRG-7000
4	MANNING, Sandra	NM	FRG-7700	5	STEPHANY, Nolan	NY	R-392
4*	MARIN, James	FL	R-600	1*	STEWART, David	OH	RKF-1551
4*	MILLER, Bill	CA	DX-300	2*	STOCK, Len	CO	FRG-7000
2*	MILLER, John	GA	DX-302	4*	STONE, Wilfred	ON	FRG-7000
1*	MILLS, Craig	VA	DX-150	1	TAYLOR, John	MO	DX-160
1*	MITCHAM, James	ME	?	2	TAYLOR, Lyle	AZ	FRG-7700
5	MOMAN, Don	AB	R-7	4*	THOMPSON, Glenn	NM	FRG-7
2*	MOORE, Alex	UK	R7/DR7	1*	THOMPSON, Loren	IL	FRG-7700
4*	MOORE, Michael	TX	DX302/DX60	4	THOMPSON, Peggy	CA	FRG-7
6*	MUZYKA, William	NY	RF-4900	5	TORDOFF, Jack	CA	SX-130
2*	NEAL, Sam	TX	RBC5/75AY	6	ULMER, Doug	LA	R-1000
1	NEUMANN, Serge	MO	?	3*	VALENTINE, Fred	CA	RF-4800
5	NORMAN, Ron	DC	?	1*	VAN HORN, Gayle	TX	RF-3100
1*	O'RIORDAN, Hugh	ID	SPR-4	2*	VAN HORN, Larry	TX	RF-3100
1	OAKLEY, Marjorie	OR	FRG-7	3	WALCUTT, David	NY	R7A/ICF2001
1*	OLSON, Carl	MD	IC-R70	2*	WALEGA, Gene	OH	?
1*	OSTERMAN, Fred	KY	R4B	1*	WALLACE, Andrew	MA	HRO-50T1
1*	OVERTON, Greg	WA	?	2*	WARD, Henry	PQ	FRG-7000
5	PALMER, Bob	WA	R-1000	1	WARD, Robert	WY	RF-4900
5	PARKS, William	FL	HRO-60	3*	WELCH, Frank	MA	ICF-6800W
4	PAUL, Don	AZ	?	5	WETTENSTEN, Phil	OH	RF-2900
3	PETERSON, Roger	CT	FRG-7700	3	WIEBOLDT, Bonnie	FL	DX-300
1	PETTINGILL, R.	ME	DX-150A	5	WILCZEK, Bob	IL	DX-160
5	PFEFFER, Morris	NY	RF-2200	6*	WILKINS, John	GO	R-1000
3	PHILIP, Joyce	BC	CRF-5100	2*	WILLIAMS, John	MN	ITT-3010C2
1*	PIMBLETT, Nigel	AB	RF-2200	2*	WILSON, David	VA	RF-2600
6*	PRESTON, Bill	CA	R-600	4*	WIMMERS, Bernie	PA	R-1000
2*	PRINGLE, Charles	CO	R-1000	6*	WINKELMAN, Bruce	OK	?
5*	PROVANCE, Terry	OH	?	1	WITTE, Marjorie	CA	FRG-7
3*	RADTKE, Carl	CA	SPR-4	1	WORMWOOD, Elwin	NY	FRG-7
2*	RANKIN, Robert	KS	DR7	2*	YAJKO, Robert	PA	SPR-4
4	RAY, Richard	PA	FRG-7700	1*	YINGLING, Tom	MD	SW4A
3*	REINECKER, Bob	PA	NRD-515	1	YOST, Scott	MI	FR-101
2*	REISENAUER, John	ND	?	1	ZILMER, Bob	NM	R-1000
				5*	ZOLLA, Rick	CA	FRG-7

A bit longer than last month! Keep up the good work. I hope that you all had a happy and safe holiday season---see you next month,

73s, Mark W0R9JKU/w89FKP

FOR SALE: Kenwood R-1000 in mint condition. Must Sell! Make offer over \$300, and I will ship UPS w/manual and cover. Lou Phillips N8EFK, 512 Union Place, Fremont, Ohio 43420. phone: 419-332-9758 NO COLLECTS PLEASE.

FOR SALE: Yaesu FRG-7 modified w/Gilfer 3kHz filter, in mint condition w/manual, \$230, 6 months old. Steve Leite, 895 Bedford St., Fall River, MA 02723. phone: 617-675-2830.

FOR SALE: DX-300, debugged, good shape, \$225. DX-160: a classic @ \$90. HQ-110 excellent receiver @ \$175. Contact: Paul J. Zecchino, Maxson Hill Road, Ashaway, RI 02804. phone: nights-401-377-2447; days-401-586-5569.

FOR SALE: English or Spanish reception report forms printed on aerogrammes. Save money on postage! Send SASE + 35¢ for each form. Also, I have TWR Bonaire Hurricane Charts. Send a SASE for a chart. Michael H. Moore, 415 Stotts Avenue, El Paso, TX 79932

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