

# SPEEDY

## SPEEDX

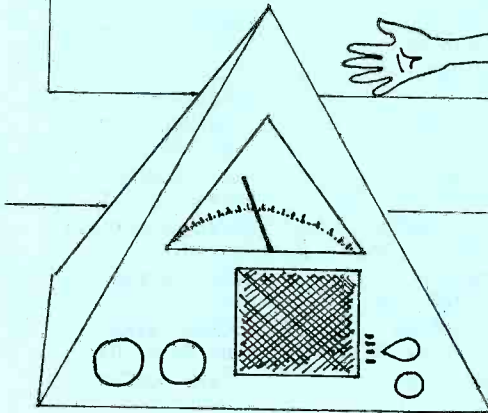
the dx radio magazine  
for active shortwave listeners

RADIO REPAIR

I PEAKED YOUR RADIO  
FOR YOU. YOU SHOULD HAVE  
NO TROUBLE GETTING  
EGYPT NOW.



REPRINT - NOVEMBER 1983





## SPEEDX CONGRATULATES ALL 68, BOTH GRADUATES AND NEWCOMERS!

A word to the new Full Members: We're happy that you have entered SPEEDX nirvana and have become a part of that elite group of 255 Full Members who have won their spurs. Now you may proudly display your Certificate on the wall of your Listening Post and carefully study your own copy of the full SPEEDX Constitution before election time comes around. To maintain your high estate among the world's SWL/DXers, you must continue to send in your Reports and other items of interest. That way, you help both yourself and all other SPEEDXers too! And to the new Associate Members, a hearty welcome and a bit of advice. To get the most value and enjoyment out of this organization, start working your way towards Full Membership. Send in any items of interest to your fellow SPEEDXers, and especially your loggings, QSL Reports, and Station Skeds. At the top of each column, you'll find the name and address of its Editor. All the items you submit must be in the Editor's hands by the 12th of the month. You can save a bundle if you send all your reports in one envelope to our Central Distribution Editor, Peggy Thompson, 2706 Alabama St., La Crescenta, CA 91214 to reach her by the 7th of the month. Be sure to cut all your items apart so she can send them to the appropriate Editors. So get going -- and good luck!

## 'THE POOP FROM GROUP' YOUR NEXT BULLETIN MAY BE DELAYED IF --

you send in your renewal late, i.e. past the 10th of the month of your last paid-for issue. Renewals are sent out to give ample time for you to renew. Also, if you send in your renewal under a different name than is on your mailing labels, such as adding a middle initial or changing "Bob" to "Robert". Remember, we are using a computer now--and it can't read your mind. If your label reads "John Smith" the computer won't know you if you send in your renewal as "John A. Smith". Doing so will cause delays in processing renewals -- as much as two weeks! Please help SPEEDX serve you. Renew on time and use the exact wording on your mailing label. If you want a name or QTH change, send a separate letter to HQ. Thanks!

## MORE FROM HQ -- DON JOHNSON 'WANTS OUT', SEEKS REPLACEMENT

After sweating out the past ten years as HQ Guru, Don Johnson needs a rest and is looking for someone (preferably retired or disabled) to take over headquarters duties. The job involves some bookkeeping, letter writing, contact with the publisher, keeping membership files, and sundry kindred tasks. SPEEDX is looking for a qualified person sometime within the year, someone who has 10 to 20 hours per week available to do the job properly. This is not a job for a student or someone with a young family -- so don't apply. Any questions? Contact Don at our HQ address, or John Trautschold at P.O. Box 861, Menomonee Falls, WI 53051 (that's SPEEDX Publishing HQ).

## LOOKING FOR A PEN-PAL? HERE'S ONE IN JAPAN

Perky Peggy, our scintillating CDE, passes along the word that a 32 year old man from Japan, whose hobbies are SWL and stamp collection, is looking for an overseas pen-pal so that he may learn "more about foreign people and their ways". Interested? Write to: Kiyoshi Doi, 4-4-42 Shibukawa-cho, Higashiosaka City, Osaka, 577 Japan.

## R.F.I. NO LONGER PART OF RADIO FRANCE

Radio France Internationale is now an autonomous organization, having left Radio France. In addition to its popular "Paris Calling Africa" program, R.F.I. now transmits for three hours daily to Latin America in French, Portuguese and Spanish. This info was relayed by Robert Fraser, 50 Todd Rd., Cohasset, MA 02025 who also seeks a list of six or more easily read and identified on the 75 & 60 meter bands. Areas-times: Asia 1000-1300, Africa & Europe 2000-2300, Latin America 0000-0200. All times UTC.

## R. NEDERLAND OFFERS RECEIVER SHOPPING LIST 'FOR FREE'

An excellent 16-page booklet, "Receiver Shopping List", comparing a number of receivers is available, just for the asking, from: R. Nederland, P. O. Box 222, 1200 JG Hilversum, Holland. It gives specs, what to look for in a rig, world-wide purchase sources, things to beware of when shopping from "discount" houses, and lots more valuable info. (D. Johnson, CA)

## CANADA STOPS PUBLISHING 'IN SEARCH'

The Canadian Dept. of Communications, suffering "financial constraints", has ceased publishing its "In Search", according to John Demmitt, PA and the RCI listeners who took part in a recent survey and won subscriptions, now seem to be "up the creek without a paddle". Better luck next time!

PLANS FINALIZED, INVITATIONS EXTENDED FOR ANARC '83

The Washington Area DX Assn. will host the ANARC '83 Convention at the Westpark Hotel in Rosslyn, VA -- just across the Potomac from Washington. This is a great opportunity for SPEEDXers whose spouses aren't into our hobby to enjoy a family vacation July 15-17 in the shadow of the Nation's Capitol. You can take part in the Convention while your family fills its day with sightseeing. One of the highlights of ANARC '83, from SPEEDX point of view, will be the participation of SPEEDX President, John Trautschold, in one of the six scheduled Seminars.

Friday the 15th will be the time to visit the equipment and club exhibits and displays, attend the Official Convention Opening, and enjoy the Wine and Cheese Reception. Saturday will be a day of listening and learning as ANARC '83 offers six Seminars geared to the varied interests of SPEEDXers, including concurrent sessions on LW/MW, PSE/UTE, FM/TV, and SW, and the Broadcasters Forum where you'll have the chance to question broadcasters about their stations and programs. The day winds up with the Banquet and the Presentation of ANARC Awards. Sunday, the final day, begins with the ANARC Annual General Meeting, goes on with the Presentation of HAP Awards and the exciting HAP Auction, and concludes with the Closing Ceremonies. The Convention Fee of \$30.00 per person covers all convention activities, including the Banquet -- in today's economy, that's a real bargain!

For complete information and a Registration Form, write to WADXA, at 606 Forest Glen, Silver Spring, MD 20901. Tell 'em SPEEDX sent you!

RADIO NETHERLAND TO MARK 55 YEARS ON APR. 30

R.N. will operate special amateur stations from Hilversum for 24 hours starting at 0600 UTC on Apr. 30. Licensed hams are invited to call the stations and chat with staff members. For listeners, a special QSL Card will be issued. ENA will be targeted at 0248 on 9590 and 6165 kHz, and WNA at 0548 on 9715 and 6165 kHz. If you're in other target areas for the EE broadcasts, write for complete sked to R.N., address on page 3. Further details will be aired on their "Media Network" programs.

'SPEEDXGRAM' OFFERS YOU MID-MONTH 'HOT TIPS'

If you subscribe to SPEEDXGRAM, you knew by mid-March that Falklands Island International Broadcasting Station was running 3.5 kW instead of the listed 500 watts and that it's easily heard in CA on 3958 kHz at UTC 0900. If not, you'd better subscribe now. If you're in NA, just make out your check for US\$4.00 to Bob Bodell and send it to him at 9118 S.E. Mason Hill Dr., Portland, OR 97222 USA. If you're overseas, make that for US\$6.00 or 30 IRCs and he'll send it to you via Air Mail. That's for a year!

SPECIAL QSL TO COMMEMORATE 1984 WORLDS FAIR

WRNO is offering a New Orleans Worlds Fair QSL for comments and suggestions on how to make that Fair the best ever. (Of course you have to include a reception report!) Send the whole works to: Peter Spurner, Vice Pres., Worlds Fair, Suite 339 Int'l. Trade Mart, New Orleans, LA 70130. In the States, include an SASE; outside, include an SASE and 2 IRCs. Credit Thompson, CA for that bit of news.

KYOI PUMPS 'HEAVY ROCK' INTO JAPAN

Jerry Blake, IN, sends along a letter from a Japanese friend telling of KYOI's "air invasion" of Japan. Now there's a columnender! 73,

OFFICIAL SPEEDX FULL MEMBER ROSTER

ADDISON, Joe	KS	HALBERT, Dan	CA	PFEEFFER, Morris	NY
AKED, R.	FRANCE	HAMER, Michael	MN	PHILIP, Joyce	BC
ALEXANDER, Brian	PA	HANSEN, Chris	NY	PICARELLI, Thomas	CA
ALEXANDER, Rodney	IA	HARDESTER, Michael	NC	PICKARD, Wilder	IL
ALEXANDER, Samuel	NC	HARREL, Richard	IL	PIMBLETT, Nigel	ALB
ANDREWS, James	LA	HARRINGTON, Rob	CO	POKATILOFF, Ronald	IL
ANNIS, William	IN	HARVEY, Sheldon	QUE	POTORTI, Bill	NY
AUDEPTE, David	MA	HECHT, Robert	PA	PRESTON, William	CA
AVERILL, Elizabeth	MA	HELLER, Brian	WA	PROVANCE, William	CA
BARTSCH, Eric	MN	HENSLEY, Wayne	TX	PRINGLE, Charles	CO
BAXTER, Kirk	KS	HESCH, Ruth	NY	RADTKE, Carl	CA
BEAL, Hobart	WA	HILL, Elaine	SC	RANKIN, Robert	KS
BEEAMAN, William	MI	HILL, Norman	VA	RAY, Richard	PA
BELLARD, Warren	OH	HOLBROOK, Hank	MD	RAYMOND, Bob	MA
BERKHOLTZ, Nicholas	MN	HOSMER, Donald	MI	RAYMOND, Greg	MA

BERRI, Jason	CA	HOTALING, Stan	NV	REESE, Orla	KS
BLACK, Donald	MA	HOWARD, Ron	CA	REINECKER, Robert	PA
BLAIZE, 'Sandy'	LA	HOWARTH, Chester	WA	ROBICHAUD, Ivan	NB
BLAKE, Jerry	IN	HUFFAKER, Carl	MEX	ROBINSON, Michael	AUS
BODELL, Robert	OR	JAMIESON, Jamie	CA	ROSS, Robert	ONT
BOEHM, James	TX	JOHNSON, DON C.	CA	RUCKMAN, Robert	OH
BOONE, John	TX	JOHNSON, Fred	IL	SABLE, Thomas	NY
BROWN, Clif	IL	JOHNSON, Howard	TX	SANDERSON, John	AZ
BÜRKE, Lynn	VA	JOHNSON, Mark	ID	SAUNDERS, Donald	NJ
BUTTERFIELD, Bob	NJ	JONES, Jack	MS	SCHLESINGER, Mark	TX
BYRON, Leslie	PA	KANON, Lee	NY	SCHROEDER, Art	WI
CADY, George	IL	KANOPKA, Leon	NY	SCHULSINGER, Michael	OH
CARD, Peter	RI	KAPINOS, John	MA	SCOTT, Thomas	OK
CARLSON, Roy	CA	KASPRYZK, Emil	TX	SEITNER, Allen	VA
CARLSON, Virgil	WA	KERRIGAN, Patrick	IL	SEYMOUR, Woody	NC
CASAVANT, Richard	QUE	KIVELL, Bob	NM	SHAMBLIN, Bill	CA
CEREGHIN, John	MD	KLASEK, Terry	MO	SHARP, David	FL
CHABAK, Michael	AZ	KOBYLSKI, Tony	MD	SHEPHERD, Greg	IL
CHINSKY, Mark	NY	KOEHLER, Wayne	IL	SHERWOOD, Linda	MA
CLAYTOR, David	MI	KONEN, Mark	WI	SHREEDHAR, R.	INDIA
CLEVELAND, Bill	WA	KORNEK, Joachim	FRG	SIENIKI, Steven	NJ
COHEN, Larry	PA	KOUKOL, Mark	IL	SMITH, Thomas	FL
CONNELL, Charles	CA	KROLAK, Eugene	MI	SNYDER, Doug	CA
COLEMAN, Robert J.	MA	KRIST, Kraig	VA	SMITH, Traver	XA
CONWAY, Peter	UK	LANGLOIS, Harold	GA	SNYDER, Scott	NY
COOK, David	CA	LATKO, Jay	AZ	SOMERS, Jack	CA
COSTIN, Steve	AUS	LAZARUS, Henry	LA	SPARKS, William	CA
COX, Frank	LA	LEARY, Robert	OH	SPEER, Richard	CA
CRABLE, Vera M.	ID	LEEMAN, Joseph	RI	STARK, Chris	NB
CRAIG, Cal	OH	LEITE, Steve	MA	STEIN, Richard	NJ
CREAMER, John	CO	LEONARD, Michael	ME	STEPHANY, Nolan	NY
CUCURA, Vladimir	PA	LEVIN, J.	NJ	STEPHENSON, Norman	CA
CUNNINGHAM, Larry	OH	LEVYA, James	MS	STOCK, Leonard	CO
CUPPY, Brad	IN	LEWALLYN, Robert	GA	STONE, Wilfred	ONT
CURTIS, Robert	VT	LINDLEY, Terry	AL	STREETER, Robert	NY
DAMPIER, Phillip	NY	LOBDELL, Chris	MA	SUGAI, Kazuhiro	JAP
D'ANGELO, Richard	PA	LORD, Earle	CA	TALBOT, Larry	WI
DAVIDSON, Kevin	SC	LUCAS, Richard	CA	TANAKA, Masahilo	JAP
DE KIEWIT, Rob	HOLLAND	MANNING, Sandra	TX	TATE, Harold	WV
DEMMITT, John	PA	MARIN, James	FL	TAYLOR, John	MO
DROLLINGER, Rick	WI	MARSHALL, Ron	AZ	TAYLOR, Lyle	AZ
DUGUAY, Rick	MA	MAXFIELD, David	MI	TEDFORD, Nan/Jim	MI
DUNCAN, Gregory	NC	MAYO, Paul	NY	THOMPSON, Glenn	NM
DUNHAM, William	LA	McCANTS, Donald	AL	THOMPSON, Peggy	CA
EATON, Ken	WI	McCurdy, Tim	CA	THORNE, Dave	CA
EVANS, James	TN	McKINNEY, Larry	PA	Trautschold, John	WI
FAMULARO, Ralph	NJ	McLAIN, Lois	CA	ULMER, Douglas	LA
FARMER, R.W.	TN	MESSINEO, Chris	MA	VALENTINE, Fred	CA
FISHER, John	MA	MILLER, John	GA	VAN HORN, Gayle/Larry	TX
FLANAGAN, JohnR.	MA	MILLER, William	CA	VENCKUS, L.V.	IL
FLICK, Bob	MA	MOMAN, Don	ALB	VOCKROTH, John	NJ
FORBES, Lewis	TX	MOORE, Alexander	UK	WARD, henry	QUE
FORRESTER, Phillip	SC	MOORE, Michael	TX	WARRENBURG, Tom	WI
FORTMAN, Joseph	IL	MOSS, Randy	CA	WELCH, Frank	MA
FRASER, Robert	MA	MOUNTAIN, Gerald	BC	WHITEHEAD, Jim	MA
GALLAGHER, Raymond	MA	MUNSTER, Ralf	GA	WICKS, Craig	MI
GARMS, James	AZ	MURFF, Nathan	NM	WIEBOLDT, Bonnie	FL
GARRETT, Larry	CA	MUZYKA, William	NY	WILCZEK, Bob	IL
GAVARAS, Tom	MN	NEAL, Sam	TX	WILFINGER, William	OH
GEORGE, Charles	TX	NIKOLICH, Mike	IL	WILKINS, John	CO
GETZEL, Art	NY	NORCROSS, David	CA	WILKNER, Robert	FL
GILSTER, Paul	NC	OLSON, Carl	MD	WILLIAMS, John	MN
GONZALEZ, Fernando	NY	O'RIORDON, Hugh	ID	WILSON, David	PA
GREENBAUER, Daniel	AZ	OSTERMAN, Fred	OH	WIMMERS, Bernard	VA
GREENWALD, Jeff	WY	PAGANO, Frank	DC	WINKELMAN, Bruce	OK
GRENIER, Pete	CA	PALMER, Bob	WA	WITTE, Marjorie	CA
GRIJALVA, Gabriel	AZ	PARKS, William	FL	WORKWOOD, Elwin	NY
GRISHIN, Ivan	QUE	PEARSON, William	PA	YAJKO, Robert	PA
GROSVENOR, Norman	CA	PETERSON, Roger	CT	ZILMER, Bob	NM
HAHN, Jeffrey	CA	PETTENGILL, Roger	ME	ZOLLA, Richard	CA

# PROGRAM

APRIL 1983

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

# PANORAMA

FROM THE EDITOR'S DESK...It was good to hear from Bill Flynn on St. Patrick's Day. Bill, one of the founders of SPEEDX, still participates in the hobby from his home in Fremont, CA.....Thanks to Morris Pfeffer for his contribution of a Radio Sofia, Bulgaria schedule. He was not listed among the credits last month when the schedule was presented in the column.....Radio Sweden International's SWEDEN CALLING DXERS celebrated its 35th anniversary on February 28. Congratulations to SCDX, the longest-running DX program still on the air.....Any SPEEDXer who has a copy of Popular Communications magazine for December 1982 is asked to contact your editor at the address listed above. Your help will be appreciated. (WS)

AUSTRALIA...Radio Australia continues to prepare some of the finest program schedules in shortwave radio. Their latest offering is a full cover poster featuring a montage of photos from their new studio complex, Radio Australia Centre, on one side and program/frequency information on the other side. Send for your free copy to RA at G.P.O. Box 428G, Melbourne 3001.....Some of the newer programs from RA include: DUNSTAN'S DIARY, a weekly lighthearted account of the events of the past week, as seen through the eyes of Melbourne journalist Keith Dunstan. Tune in Fri 2240, Sat 0440, 1210, 1912, Sun 1540 UTC...MUSIC SHOWCASE features some of the best light music from Australia, introduced by Lawrie Bruce, and heard Sun 0030, 0630, 1330 UTC...Mon to Fri features music, entertainment and information programs. Your hosts are: 1900-2330--Rick Dowling, 2330-0400--Peter Cavanagh, 0400-0900--Rob Hoskin, 0912-1100 COUNTDOWN, with Suzanne Dowling, 1100-1500--Dick Paterson, 1500-1900 UTC--Barry Seeber. (Thanks to RA and Jerry Blake, IN)

AUSTRIA...Here's the latest English schedule from the ORF: Programs are first broadcast at 1830 UTC, then are repeated at 0130, 0330, 0430, 0830, 1030, 1230 and 1500 UTC the following UTC day. REPORT FROM AUSTRIA is heard daily, followed by a feature program, including: Sun/Mon POST BOX 700; Mon/Tue SPORTS REVIEW; Tue/Wed AUSTRIA AND THE UN; Wed/Thu THE AUSTRIAN ECONOMY; Thu/Fri POP CORNER; Fri/Sat THE WEEK IN AUSTRIA; Sat/Sun FOR TOURISTS. Also, AUSTRIAN SHORTWAVE PANORAMA can be heard Sun at 0900, 1030, 1230, 1300, 1500, 1805 UTC and Mon at 0430 UTC. AUSTRIAN MEDLEY can be heard Mon-Sat in the 1300 UTC slot. (Chris Stark, NB; John Demmitt, PA; Kraig Krist, VA)



CAMEROON...Radio Buea broadcasts in English, French and Vernaculars daily from 0430-0805 (Sun 0645) and 1630-2200 UTC on 3970 and 1100 (Sun 0645)-1630 on 6005 kHz. We have room for only a few programs, so we will list those in the 2000-2200 UTC bloc on 3970: Sun KNOW YOUR NEIGHBORS, ENGLISH NEWS, OUR CHOIRS SING, PROVINCIAL NEWS, FRENCH NEWS; Mon VERNACULAR BROADCAST, NEWS IN ENGLISH, HEALTH PROGRAM, PROVINCIAL NEWS, MUSIC ON RECORDS, NEWS IN FRENCH; Tue VIVE LE SPORT, VERNACULAR BROADCAST, NEWS IN ENGLISH, TOURIST GUIDE, PROVINCIAL NEWS, MIXED MUSIC, NEWS IN FRENCH; Wed VERNACULAR BROADCAST, NEWS IN ENGLISH, DAYS OF OUR LIFE, MUSIC, PROVINCIAL NEWS, MUSIC, NEWS IN FRENCH; Thu VERNACULAR BROADCAST, NEWS IN ENGLISH, EVERY MAN, PROVINCIAL NEWS, TOURIST GUIDE, NEWS IN FRENCH; Fri VERNACULAR BROADCAST, NEWS IN ENGLISH, HIGHLIFE HITS, PROVINCIAL NEWS, VARIETY MUSIC, NEWS IN FRENCH; Sat VERNACULAR BROADCAST, NEWS IN ENGLISH, RECEPTION REPORTS, PROVINCIAL NEWS, MUSIC, NEWS IN FRENCH. (Thanks to Phillip Dampier of NY for this schedule.)

LET'S SPRING INTO PAGE 2 of PROGRAM PANORAMA!!!

NETHERLANDS...Radio Netherlands is marking 55 years since regular broadcasts began from the Netherlands in this World Communications Year of 1983. In honor of the event, the English language program from RN on April 30 will focus on World Communications Year. Also, RN is planning to operate a special amateur radio station from its studios in Hilversum for 24 hours beginning at 0600 UTC on April 30. (Sweden Calling DXers, #1728) Their call letters will be PA6 PCJ. Frequencies in use will be 21400, 14240, 7055 and 3790 kHz (they will be using 4 transmitters). The programs will discuss what listeners can do to help with WCY '83 and live relays of the amateur contacts will be presented. Even if you aren't a radio amateur, a QSL will be offered for reports on the broadcasts. Tune in to MEDIA NETWORK on Thursdays for further information. (Thanks to Redd Ryeder, FL)

NETHERLANDS ANTILLES...Trans World Radio, Bonaire has a new program Sunday mornings from 1300-1345 UTC on 11815 kHz. SUNDAY MORNING SERVICE features Bible teaching and a sermon. (Donald McCants, AL)

SAIPAN..."SUPER ROCK KYOI" broadcasts rock music to Japan 24 hours per day. Station identifications and song announcements are in English, while advertisements and some station identifications are in Japanese. The current schedule is: 1600-2200 UTC on 9670, 2200-0300 UTC on 15405, 0300-0900 on 15190 and 0900-1600 on 11900 kHz. A transmitter pause occurs every other Monday between 0100 and 0500 UTC for maintenance and adjustment. (Hiromasa Sato, Japan) The station has been best heard here in North Carolina between 1300 and 1500 UTC on 11900, though Radio Beijing has caused some cochannel problems since the first of March. (WS)

UNITED KINGDOM...Gloria Hunniford, Radio Personality of 1982 in Britain, returns to BBC World Service to host ALBUM TIME. The program can be heard Sat 0630, 1930, Fri 0945 UTC.....PORTRAITS OF OUR TIME looks at Yuri Andropov(USSR), F.W. Botha(South Africa), Francois Mitterrand(France), Lee Kuan Yew(Singapore) and Javier Perez de Cuellar (Peru, UN) on Mon 0145, 0545, Thu 0945, Fri 2145 UTC.....RIVERS OF THE WORLD is a new series which can be heard Mon 0315, 1415, Tue 1015, 2030 UTC.....ALL GAS AND GAITERS, a series of clerical comedy, returns on Wed 0830, 1430, Thu 0045, 1030 UTC.....OUTLOOK visits New York in mid-April for a special program on the major British arts festival in the Big Apple called "Britain Salutes New York". Tune in to the program for further details on this special edition, Mon-Fri 1515, 1900, Tue-Sat 0115.....CLASSIC ALBUMS is a new series which looks at a best-selling LP "of note" each week on Sat 0430, Mon 1115, Tue 2315 UTC. Albums this month are by Elton John, Stevie Wonder, Steely Dan, Van Morrison and Carole King.....Tony Myatt replaces Sandi Jones on the REQUEST SHOW, heard Sun 1345 UTC. (London Calling, 4/83)

USSR...Radio Kiev broadcasts in English to Europe from 2000-2029 UTC and to North America 0030-0059 and 0300-0329 UTC. Programs are as follows(note that the programs for North America are listed for the days of the week in local time, NOT UTC): NEWS(daily), COMMENTARY(daily except Sat), then Mon LET'S DISCUSS IT Tue UKRAINIAN PANORAMA Wed TOPICAL REPORT and DX CLUB Thu YOUTH PROGRAM Fri UKRAINIAN PANORAMA Sat RADIO KIEV MAILBAG Sun MUSIC FROM UKRAINE. (Kraig Krist, VA; Chris Stark, NB)

USA...WINB broadcasts to South America daily from 2347-0330 UTC on 15145 kHz. The program begins with MUSIC to 0000 UTC, then: Mon-Fri (UTC day) 0000 THRU THE BIBLE(Port.) 0030 MUSIC 0100 VARIOUS PROGRAMS 0130 MUSIC 0200 MORNING SUNSHINE 0230 THRU THE BIBLE(Spanish) 0300 MUSIC; Sat 0000 MUSIC 0015 CORAL RIDGE PULPIT 0045 GOD'S NEWS BEHIND THE NEWS 0100 CURTIS SPRINGER 0130 MUSIC 0245 HOLY GHOST REVIVAL TIME 0300 FAITH MISSIONS; Sun 0000 CHAPEL ECHOES 0030 FAITH MISSIONS 0100 COMMUNITY OF JESUS 0130 BRETHREN HOUR 0200 THE WHOLE TRUTH 0300 MUSIC. (Donald McCants, AL; Marge Witte, CA; Chris Stark, NB)...WRNO broadcasts the R.C. SPOUL STUDY HOUR Sun 1230 UTC on 9715 kHz. (Don McCants, AL)...next month, AFRTS. Until then, Good listening! (WS 3/83)

# winb



# 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

**NEW UTE LISTENER BOOKS:** Two new station lists are now available from : Universal Amateur Radio Inc., 1280 Aida Dr., Columbus, Ohio, 43068. One, titled: "General Frequency and CALL SIGN List" has more than 8000 frequencies in the range of 3 to 30 Mhz. listed. The book covers all types of utility stations, except RTTY (radioteletype) stations in frequency order. Frequency, call sign, name of station, ITU country symbol, and modulation type. Also there is a cross-reference in the rear of the book listed in call sign order. This alphabetical listing has more than 4000 call signs listed. Abbreviations commonly used are also listed. One very unique feature of this book is that there is published therein the new Aeronautical mobile service frequency plan. Price of this book: \$12.00. The second publication is a companion to the first entitled: "Radioteletype Press Broadcasts, Time Order List/Agency Schedules". It consists of two parts. The first is listed in "time" order (GMT) for every half hour of the day. This giving the agency "symbol" (such as "AP" for Associated Press etc) and the frequencies/times that their transmissions are broadcast. The second half of the book lists the agencies in alphabetical order, giving addresses, schedules and sometimes a "thumbnail" sketch of the agency. A very helpful aid in finding out where all those "news" stations are! The only thing omitted from this book was the nominal speed in BAUD and frequency shift commonly used by each station, however this can be found out easily by experimentation whilst listening.

Both books were published in February of 1983, so the data should be late. (Thanks to Fred Osterman for this information!)

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**UNIVERSAL AMATEUR RADIO INC.:** While listing their books above, we might add that Universal handles all types of shortwave receivers as well as "ham" gear. Among them, the JRC NRD-515 receiver. When you are shopping for a new rig, be sure to consider them for your needs. SPEEDXer Fred Osterman, (N8EKU), works there and will try and give you a good deal. Write to him at the address above or phone 614-866-HAMS for more information and price quotes.  
 \*\*\*\*\*

**RTTY AND THE ZX-81 COMPUTER:** As promised earlier, the RTTY Interface unit for the Sinclair ZX-81/Timex-Sinclair TS-1000 is presently under development. The First prototype is alive and working. The second prototype will be working by the time you read this column. Final form has not been decided upon, but will probably be a "plug-in" unit similar to the CW interface unit that is being marketed by Cliff Nunmery, NU4V. This may become a "two board" interface unit, the UART board and tone decoder board being separate PCB's "piggyback" with each other. Various options will exist so that you will be able to receive BAUDOT or ASCII from 45 to 300 Baud. Also other options will be: receive only package or transmit and receive package for the "ham" rig. More details next issue. Availability and prices will be announced as soon as possible.

Ultimate plans call for the development of an interface and software to receive "SITOR"/ARQ/TOR/AMTOR broadcasts as well as its associated FEC RTTY system used by nearly all Maritime Coastal stations and coming into use in the Amateur Radio Service.

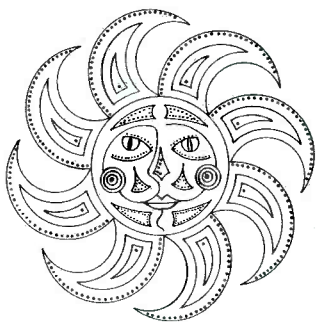
Prices on the RTTY interfaces not yet decided upon, but will be under \$100 in all probability, including the terminal unit or tone decoder section.

\*\*\*\*\*  
**COMMENT:** Many thanks to those of you who have written this past month. Due to work and various other problems I am having at the moment, I may owe some of you a letter. Please write again if I have not answered you and you wrote a month or more ago. Also, I am looking for a "Co-Editor" for this column. If you feel you want to write this column on a fill-in basis and that you have the technical ability to do so, please contact the Editor at the address above. All the best for April and good DXing to all!!

73,

"Sandy" \_\_\_\_\_





# SPEEDX Western Hemisphere

STILL?? **EDITOR: Chris Hansen**

P.O. BOX 1226  
NEW YORK, NY 10159

PHONE: 212/549-6613 WEEKDAYS 2230-0430  
WEEKENDS ANY DECENT TIME

**Deadline: 12th**

**All times and dates UTC, All fqys in kHz**

/ APRIL 1983 /

SOME OF YOU MORE SENIOR SPEEDXERS will remember the month that Mickey Mouse appeared on our cover to "honor" the extremely poor job that a printer had made of the previous month. I would like to award the Second Decennial Disservice to SPEEDX award to.....

### THE U.S. POSTAL SERVICE

for futzing up above and beyond the call of duty last month. I sent my column off on the 22nd of February Special Delivery from Madison Square Station first thing. It took one week to arrive at Menomonee Falls, where an extremely worried John Trautschold was waiting for it. I hope that will not happen again.

GOOD NEWS!!! Since I have been editing so long I can't get the roar of the presses or the smell of the printers' ink out of my nose, I have decided that, beginning a couple of months after I hand over W/H to new hands, I will coordinate a page or so of "Q & A" in Tips And Topics, at the gracious invitation of Art Getzel. There will be no question too abstruse for me to wrestle with, and also no set deadlines. We are thinking about a bi-monthly page or so. You may begin sending in your questions to me at the above address. The feature is not designed to give reader-specific information on choosing a receiver or antenna, however, so keep your questions general. (Pssst. If I find I can't answer a question, famed experts in the DX field have agreed to help me out anonymously. Sigh!)

CID RADIO BROADCASTING NETWORK -- Those of you who read the New York Times on Sunday, 3/13, will have noticed on the back page of "The Week In Review" section a full-page ad run by "Cuba Independiente y Democratica," detailing their broadcasting strategy to Cuba and asking for donations to finance the broadcasts to Cuba. It is too long to print here, but includes a brief history of the movement and its founder, Húber Matos. Their aim is to "broadcast from ten radio stations with a total effective power of 2 megawatts. Cost of this project is 3.5 million dollars for equipment and installation; the yearly operational expenses are \$750,000." However, to the DXer, the best part of the page was the schedule of the "CID Radio Broadcasting Network," detailed below:

RADIO STATIONS	FQY.	TIME SCHEDULE
Máximo Gómez	11700	1630-0030 GMT
Antonio Guiteras*	7352	0030-0330 GMT
José A. Echeverria	7465	0100-0130 GMT
Antonio Maceo	4980	0100-0135 GMT
Ignacio Agramonte*	5105	0030-0330 GMT

\*These radio stations also broadcast from 1100-1200 GMT. All radio stations operate from outside the territory of the United States.

There are several addresses given:

- CID MIAMI OFFICE, 10020 SW 37th Terrace, Miami, FL 33165
- CID WASHINGTON OFFICE, 927 15th Street, NW, Suite 903-5, Washington, DC 20005
- CID CHICAGO OFFICE, P.O. Box 60226, Chicago, IL 60626.

If you're looking for a QSL, try the Miami office first, since that's where Señor Matos hangs out, and is likely to be the general HQ of the whole operation. Try the DC office next, and the IL office last, as that's the money office -- they aren't as likely to be able to QSL.

I HAVE THE FLU. A word of advice -- don't get this year's version of the flu -- it's deadly. I'll need a lung, throat, and sinus transplant to fully recover, I think.

And now, remembering that any logging without a language specified was reported as being in Spanish (or Portuguese for a Brazilian logging), I present.....

SOUTH AMERICA

ARGENTINA

- 5882 0300 R. Rivadavia, LA m mx, ID (353; 2/13. Robichaud, NE)(0052; 323; 2/27. Berri, CA) (0130; on recent RAE px they said that this is not a SWBC station, it's some sort of feeder; 333; 1/13. Moshier, CA)(Thanks for pointing this out, Mr. Moshier ch)
- 11710 0110 RAE, EE, Argentine Jazz (544; 2/19. Gunter, NC)(0112; 0130\*; 234; 2/20. Ray) Black, MN)(Forbes, Harris, Wood, Somers, Hill, Cox, Norman, Robichaud, Wettersten, /
- 15290 0025 R. El Mundo, mx to full ID by YL @0030, into Hallelujah Chorus, church bells, and talk (323; 2/10. Harvey, PQ)
- 15345 0100 RAE, EE, nx, special features (423; 3/4. Weikel, MI)(\*0100, ancr. commented that since 9690 dropped, 11710 seems to be most popular fcy of 15345/11710/6060; 433; 2/10. Hosmer, MI)(0100;555;2/8.Cord,RI)(0115;343;2/16.Thunberg,PA)(\*0230; 343;2/24.Krist,VA;0259\*)(0255; 322; 2/10. Carlson, WA)

BOLIVIA

- 4696 0257 R. Riberalta, never heard here before; came through at easy level tonight; generally non-Andean LA m mx, TCs about 4 mins. fast, ID: "CP117, R. Riberalta," fcy as "4775 kHz ondas tropicales, 0403\* (433; 2/5. Cunningham, OH)(0344; 0358\*; 222; 2/12. Streeter, NY)
- 4886? 2355 R. Santa Ana de Yacuma, OM/YL w/ local nx, ID by OM @0000, some splatter but pretty good signal (gd; 2/5. Parks, FL)(Has anyone else heard this???? ch)
- 5974 1006 R. Nac. Cochabamba, OM tlk w/ many recorded anmts and brief bits of mx, several ments. of "R. Nacional." Severe het after 1030 (232; 2/12. Streeter, NY)
- 6025 0050 R. Illimaní, OM, variety of Bolivian mx, ID, TCs (322; 2/18. Hotaling, NV)

BRAZIL

- 4755 0500 UNID, heard testing with a high power signal. Continuous miserable hard rock mx most of the time. Only 2 anmts hrd in over 1 hr of listening. At 0530 and 0605 a recorded ID that was completely unreadable due to poor reproduction, however, "Brazil" was readable as the location (2/12. Sparks, CA)
- 4765t 0844 R. Emisora Rural, chatter by OM w/ occasional breaks for pops. Increasing QRM from RNacional (443; 2/22. Schlesinger, TX)(0326; 233; 2/20. Drollinger, WI)
- 4785 0757 R. Ribamar, lively mx, OM w/ ID @0802, followed by continuation of mx px w/ lots of tlk between songs (232; 2/12. Streeter, NY)
- 4796.5 0425 R. Tabaraja (tent.), OM w/ px of Brazilian pop mx, occasional recorded anmts, including prob. ID @0432, lost shortly after 0445 (232; 3/9. Streeter, NY)(I think Aquidauana is also possible here. More monitoring is indicated. ch)
- 4805 2315 R.dif. de Amazonas, EZL Brazilian pops hosted by OM DJ. Full ID @2329 by OM (fr; 2/19. Parks, FL)
- 4815 0329 R. Nac. de Tabatinga, OM ballad, followed by ID, fqys, and mentation of "Radio Bras." Then continuous mx to OM anmt @0402 and 0404\* (232; 2/7. Streeter, NY) (1030; 322; 2/17. Schlesinger, TX)
- 4875 0100 R. Jornal do Brasil, nx, ID @0105 w/ ads (fr; 2/7. Parks, FL)
- 4915 0903 R. Anhanguera, conversation by 2 OMs, songs by male vocal group (444; 2/20. Pimblett, AB)(0258; 343; 2/5. Ray, PA)
- 4955 0140 R. Marajoara, anmt for carnival, mx, ID @0146, some more carnival mx (453; 2/15. Robichaud, NB)(0314; ments. of Super Marajoara," 333; 2/14. Streeter, NY)
- 5025 0210 R. Borborema, OM w/ px of Brazilian pop mx, frequent IDs and promos (343; 3/8. Streeter, NY)(2320; fr/pr; 2/25. Parks, FL)(0235;433;2/7.Harvey,PQ) AB)
- 5027t 0850 R. Jornal Transamazonica, lots of ads, tlk, bit of mx (333; 2/20. Pimblett, AB)
- 6125 2320 R. Globo, political speech by the President of Brazil, mx interlude, full ID by OM @2326 (fr; 2/28. Parks, FL)
- 9675 0815 R. Marumby, OM w/ nx and occasional IDs, full ID @0830, foll'd by px "Musical Evangelico." (353; 2/12. Streeter, NY)
- 9695 1135 R. Rio Mar, wild morning-type show, short mx selections, good in AM (333; 2/7. Cereghin, MD)
- 9705 0230 R. Nacional, Rio de Janeiro, OM w/ station promo. Carnival coverage. Badly QRMed and almost f/out by 0237 (222; 2/7. Palmer, WA)
- 11780 1001 R. Nacional da Amazonia, 2 OMs alternate slogans in echo, more RBras IDs than RN, couldn't stand if it were EE (332; 2/10. Lucas, CA)(0145;444;2/16.Valentine,CA) (1104;444;2/13.Miller,CA)(0001;443;2/26.Moore,TX)(1205;222;2/20.Ray,PA)
- 11805 2249 R. Globo, sx w/ 2 OMs, occasional ad breaks, no formal ID at hour, but IDs at other times. (434; 2/19. Schlesinger, TX)
- 11875t 2130 R. Sociedade Bahia, tlk show run by deep-voiced OM. Terrible power line static, and lots of het too (332; 2/12. Schlesinger, TX) Harvey, PQ)
- 11915 2340 R. Gaucha, nx by OM, ad w/ Lone Ranger theme @2342; ID @2347 (322; 2/10. /
- 11935 2330 R. Clube Paranaense, ID, tlk by OM, ment. of R. Clube, poor mod (222; 2/10. Harvey, PQ)
- 15190 0650 R. Inconfidência, OM/YL tlk w/ ID (433; 2/12. Worob, TX)(0135;35+;2/10. Robichaud, NE)(0035;434;2/10.Harvey,PQ)
- 15290 0015 R. Nacional, EE, nx, features, debureaucratization (It'll never work, ch) (---; 3/3. Weikel, MI)(Sill, MA -- John, you might be interested to know that I was born in Marblehead, right next to you, and my family still lives there. ch)

B R A Z I L / -- (continued)

15290 0212 R. Nacional, (Hesch, NY; JPT, AK; Cord, RI; Forbes, TX; Wood, LA; Sharpe, ?; Langlois, GA; Harris, OH; Sanderson, AZ; Krist, VA)  
 15415 2350 R. Clube Ribeirao Preto, ID, into talk over mx (323; 1/29. Harvey, PQ)  
 15445 0024 R. Nacional, LAM disco, conversation, calypso (434; 2/18. Lord, CA)  
 17830 0200 R. Nacional, EE, economic moves made to conform to World Bank rules, video games in Brazil, // 15290 (444; 2/27. Wettersten, OH)(\*0200, 0300\*; 222; 2/28. Cox, CA)(0250;544;2/27.Tilley,CO)(Famularo, NJ; Harrell, IL; Addison, KS; Alexander, Palmer, WA)<sup>NC</sup>

C H I L E /

9510 0300 R. Nacional de Chile, ID @0302, s/off anmts and various ISes (433; 2/8. /  
 15120 0105 R. Nacional de Chile, 2 OMs arguing (323; 2/8. Harris, OH)  
 15140 2345 R. Nacional de Chile, OM w/ ID, nx, mx, (444; 2/21. Fernando, NY)(0104; 434;2/10.Harvey,PQ)(0045;555;3/1.Jones,TX)(2238;434;2/19.Rising,CA)  
 15150 2210 R. Nacional de Chile, U.S. pops, ID, LAM mx (433; 2/12. Carlson, WA)(2254; 434; 1/8. Kerrigan, IL)(0115; 544; 1/5. Gunter, NC)(Brewer, AR; Robinson, TN; Hotaling, NV; Moshier, CA; Forbes, TX; Bair, CA)

C O L O M B I A /

4875 0428 LV del Norte, OM w/ clear ID @0429, LAM mx, no sign of Super (434; 2/23. /  
 4875 0400 R. Super de Medellin, "En el aire, R.S., desde la hermosa ciudad de Medellin, HJNX, 710 kHz, canal preferencial, 4875 kHz onda corta, banda de 61 metros." (444; 2/14. Ulmer, LA) 2/27. Berri, CA)  
 4915 0035 Emis. Armonías del Caquetá, OM w/ fast talks, ID as R. Sonar (???) (423; /  
 4945 0355 R. Colosal, ID, crowd noises, bugle calls, futbol?; (433; 1/8. Gunter, NC) (2226; 544; 2/12. Robinson, TN)(0320;434;2/24.Evans,TN)  
 4965 0427 R. Santa Fe, LAM mx, OM ID (232; 2/7. Steck, IL)(0440;333;2/15.Thunberg,PA) (0450;434;2/13.Berri,CA)(0245;433;2/25.Evans,TN)(0520;433;2/17.Wood,LA)(0549; 232;3/3. Preston,CA)  
 5010 0328 R. Surcolombiana, chimes, ID, jingles, PSAs, (444; 2/18. Ulmer, LA)(0345; 222; 2/12. Hotaling, NV)(0455;434;2/13.Berri,CA)(0355;433;2/17.Wood,LA)  
 5095 0225 R. Sutatenza, many IDs, long talk by OM, CW QRM from CFH (332; 2/16. Thunberg, PA)(0335; 433; 2/23. Evans, TN)(0140; 322; 2/12. Duncan, NC)(0951; 444; 2/6. Rising, // CA)  
 6065 1140 R. Super, OM nx, IDs (343; 2/18. Ray, PA)  
 11794 2123 R.dif. Nacional de Colombia, mx, 2132 ID: "Desde Bogotá, transmite R.Dif. Nacional de Colombia." YL talk (443; 2/9. Famularo, NJ)

E C U A D O R /

3220 0920 HCJB, px of Ecuadorian vocals w/ OM host, // 6050 (343; 2/13. Pimblett, AB)  
 3280 0230 LV del Napo, mx @0231, ID, back to mx (252; 2/18. Paul, AZ)(1040; 333; 2/16. Cereghin, MD)(\*0959; s/on w/ accordian mx, anmt @1001 "Alabado sea Jesucristo," and s/on anmts @1002; 333; 2/18. Stephany, NY)  
 4655 1140 C.R.E., nx, ID, bank ad (454; 2/18. Ray, PA)  
 4680 0449 R. Nacional Espejo, ID, mx, ID (353; 2/18. Paul, AZ)  
 4750t 0731 R. El Mundo, OM, presumed ads, but no ID (232; 2/17. Thompson, CA)  
 4800 0516 R. Popular de Cuenca, px of local mx, OM w/ ID, fqys, and s/off anmt @0525, NA, then 0528\* (333; 3/8. Streeter, NY)  
 4901 1055 LV de Saquisilí, QRM from co-channel test tones continuing past 1105, OM rlk w/ ads at top of hour (222; 2/16. Cereghin, MD)  
 4920.5 0444 R. Quito, OM, nx, remotes. Singing commercial for "Banco Popular" @0448; R. Quito promo (333; 2/2. Palmer, WA)(0408, 233; 2/7. Steck, IL)(0407;323;2/23. Berri,CA)(0414;323;???;Worob, TX)  
 4996.4 0342 R. Baha'í, mx px w/ OM, "Señoras y Señores, en la programación 3 de R. Baha'í, la emisora de la familia, en la frecuencia 4990 kHz en la onda corta, banda de 60 metros..."(333; 3/3. Streeter, NY)(0400\*)(0350; 0356\*; 322; 2/12. Harvey, PQ)  
 5050 1100 R. Jesús del Gran Poder, ID, noticias (433; 2/20. Ulmer, LA)  
 6095 0650 HCJB, EE, DXPL (555; 2/21. Somers, CA)(0600; 434; 3/3. Preston, CA)  
 9720 0658 HCJB, FF, OM/YL in intimate conversation, mx (333; 3/8. Traver, CA)  
 9745 0230 HCJB, EE, DXPL (544; 2/20. Gunter, NC)(0136;454;2/8.Hesch,NY)(0100;444; 2/9. Taylor, MD)(0250; 555; 2/4. Addison, KS)(0230; gd; 2/15. Sharpe, CA) (Harris, OH; Miller, CA; Cox, CA; Brewer, AR; Kerrigan, IL)  
 11740 1418 HCJB, EE, px of Ken Korpy (letters)(343; 2/13. Mathew, MA)  
 11915 0635 HCJB, EE, Sounds of Joy, (434; 2/16. Lord, CA)  
 15115 2200 R. Nacional del Ecuador, mx, TC, ID, px: "Música y Cantantes ecuatorianos," special px on Ecuadorian Declaration of Liberty, address by OM (354; 2/15. Stephany, NY)(Just a note from the BBCMS: this relay is from 2155-0030, and is announced as being for listeners abroad. Reception reports should be sent to Box 82, Quito, Ecuador. ch)(2358; 333; 2/13. Cereghin, MD)(2200; 454; 2/21. D'Angelo, PA)(2201; 232; 2/13. Lucas, CA)(2254; 444; 2/22. Schlesinger, TX)(2200; 444; 2/12. Tate, WV) (2300; 443; 2/14. Hensley, TX)(2215; 322; 2/9. Carlson, WA)(0026;454;2/15.Robichaud, 15115 1401 HCJB, EE, Following Christ is an individual matter...(444; 2/13. // NB) Mathew, MA)(1425;434;2/20. Miller, CA)

DO REMEMBER NOT TO SUBMIT STALE LOGGINGS!!!! I GOT SOME FROM DECEMBER LAST FOR THIS MONTH -- THAT WOULD MAKE THEM 4 MOS. OLD!!! IF THEY'RE STALE THROW 'EM OUT, DON'T MAIL 'EM!

/ E C U A D O R / -- (continued)

- 15155 0230 HCJB, EE, DXPL, amateur radio bcs from Radio Nederland (444; 2/27. Alexander, NC)(15155; gd; 2/20. Sill, MA)(0230; 454; 2/22. Hosmer, MI)(0301; gd; 2/23. Fama, CA) (Harrell, IL; Traver, CA; Duncan, NC; Muzyka, NY; Hill, SC; Schroeder, WI) TN=  
15175 2300 HCJB, GG, mx, ID (444; 3/2. Langlois, GA)(\*0000; GG/EE, 555; 2/26. Robinson, /  
15295 0138 HCJB, FF, "Connaissance de l'equateur," foll'd by "Aux Quatre Vents," produced in Quebec (454; 2/10. Robichaud, NB)(\*2130; EE; 444; 2/13. Krist, VA)  
17825 \*2130 HCJB, EE, DXPL, (333; 2/21. Krist, VA)  
21477.5 2130 HCJB, EE, DXPL, (444; 2/14. Krist, VA) Fraser, MA)  
26020 2139 HCJB, EE, religious songs (253; 2/13. Robichaud, NB)(1358; 453 deep fades, 2/7

/ F A L K L A N D I S L A N D S / - Falkland Islands Broadcasting Service

- 3958 0926-1002 Fade/out via phone call from Jim Young; px of R&R records with lots of DJ chatter in EE, Typical forces radio-type program. Many time checks for GMT -3 hours (summer time in the Falklands) with frequent mentions of Falklands. Also definite mention of Falklands at the 1000 annt (3/4. Sparks, CA)  
0830 Open carrier on 3958 on 3/5 until 0859, then very short anthem by orchestra. ID by OM: "Falklands Islands Broadcasting Service," time pips @0900 then relay of BBC news by YL. Ham SSB activity made reading the news impossible, but signal strength built up until good copy by the start of the pop music program at 0915 with DJ chatter, lots of TCs and mentions of Falklands. Peak signal strength at 0930. Local weather report heard: "It's April showers today," winds coming south westerly to the Falklands today. Fade-out by 0950. Similar program heard on 3/6 but poor signal, too weak to copy. (Sparks, CA)(0931; het from 3960, but little ARO, OM DJ w/ bagpipes, rock, Dean Martin, 0947 TC as 14 to 7; 1006 f/out; did not seem to be BBC relay; 232; 3/7. Lucas, CA)(0930; EE, Breakfast Show, TC as 6:30 in the morning, advice to "stay tuned to FIBS and you will find out exactly what is happening; 333, f/out by 1000; 2/20. Pimblett, AB)

/ F R E N C H G U I A N A / -- FR3

- 3385 0242 FF, upbeat LAm pops, sounded like a party going on at the studio (433; 2/13 Cereghin, MD)(0322; 454; 2/13. D'Angelo, PA)(0330;333;2/13.Harvey,PQ)(0047; 453; 2/15. Robichaud, NB)

/ G U Y A N A / -- GBC

- 5950 0815 EE, Early Bird px, ID, mx, very good reception today (353; 2/5. Rising, CA) (0751; 322; 2/12. Ulmer, LA)(0238; 232; 2/13. D'Angelo, PA)

/ P A R A G U A Y / -- R.Nac. de Paraguay

- 9735 0132 Excellent concert of classical mx. At 0156 end of concert, OM gave final anmts. IDs as "LV de la Patria" and "R. Nacional de Paraguay." Instrumental NA 0156 and 0157\*. (322; 2/7. Palmer, WA)

/ P E R U /

- 3330 0328 Ondas del Huallaya, huaynos w/ ID and ad string @0330, CHU underneath. Superb 90 m tonight (fr; 2/5. Parks, FL)  
4755 2350 R. Huanta del Peru, IDed @2355 as R. Huanta, then noticias. Mixing with unID; (pr; 2/19. Parks, FL)  
4775 0450 R. Tarma, LAm ballads hosted by om. Ads between selections. ID @0459; (fr/pr; 2/12. Parks, FL)  
4790 \*0909 R. Atlántida, NA, s/on by OM w/ "Escuche y Compare" slogan (Listen and Compare), mx and then another s/on anmt same as first (454; 2/18. Stephany, NY) (0530; 343; 2/26. Thunberg, PA)  
4815 0415 R. Amazonas, OM DJ w/ LAm ballads, Latinized U.S. rock. 0455\* w/ OA NA. (fr; 2/12. Parks, FL)  
4840 0045 R. Andahuaylas, mostly huaynos w/ several ments. of R. Andahuaylas @0050, 0059. Need LSB to escape ute OC (pr; 2/28. Parks, FL)  
4955 1114 R. Cultural Amauta, ments. of Amauta, local mx, TC/ID (322; 2/20. Ulmer, LA)  
4995.7 0905 R. Andina, px of local mx, OM ID, TC, tlk between songs (333; 2/12. Street-  
5025t 0259 R. Quillabamba, just caught end of prayer, read by YL, then NA i' er, NY) and 0303\* (343; 2/17. Pimblett, AB)(1022; 322; 2/23. Schlesinger, TX)(0300\*; DJ "sing-alongs"?; QRM co-channel from test tones; 333; 2/11. Cereghin, MD)  
5030 0640 R. Los Andes, on late w/ R&R mx and lots of IDs, strong and clear (2/27 Sparks, CA)(0511; 5032 kHz, OA NA and 0533\*; 232; 3/5. Streeter, NY)  
5045 0329 R. Rioja, really terrible OM singing without mx, brief ID, then back to "singing" (333; 2/13. Cereghin, MD)  
5060 0335 R. Amazonas, ads, OM anmts, disco/R&R mx, ad for Inca Kola, OM ID @0358; 0457\*; (242; 3/8. Streeter, NY)  
5111.5 0435 R. Eco, OM w/ ID @0440, LAm mx, on past 0500 (333; 2/23. Berri, CA)(5111.8; 0424; 333; 2/24. Streeter, NY)  
6115 1133 R. Unión, OM w/ ads, phone number, nx (322; 2/11. Hotaling, NV)  
6190 0337 R. Oriente, non-stop Peruvian mx, references to "musica peruana" but no ID. 0347 ID (222; 2/8. Palmer, WA)  
6904 0014 UNLD, OM w/ typical huaynos, ID sounds like: "R Ah-pel-i-cay, who-co" (fr; 2/14. Parks, FL)

PERU -- (continued)

9675 1110 R. del Pacifico, buzz jammer QRM, long, drawn-out ID, clear IDs, into AM anmts (322; 2/16. Cereghin, MD)

SURINAM

4850 0328 SRS, Dutch, mx, NA, OC @0330 (422; 2/14. Ulmer, LA)(0920; 453; 2/6. Rising, CA)(0320; 433; 2/20. Berri, CA)(0308; 443; 2/25. Hensley, TX)(0136;454;2/11.Paul, AZ)

VENEZUELA

3255 0318 LV de El Tigre (R. 980), mx, ID, nx? doorbell used frequently (353; 2/18. Paul, AZ)(0341;453;2/13.Robichaud,NB)(0342;343;2/13.D'Angelo,PA)(0320;342;2/7.Ray, PA)  
3275 0338 R. Mara, ID, fqys, mx (453; 2/13. Robichaud, NB)(0233; 353; 2/13. // PA)  
Paul, AZ)(0350-0356\*; 444; 2/13. D'Anglo, PA)  
3395t 0358 R. Universidad, heard end of Venezuelan NA and s/off (333; 2/12. Harvey,PQ)  
4770 2340 R. Mundial Bolivar, LAm mx, ID, TC (232; 2/6. Ray, PA)(0121; 222; 2/12. Duncan, NC)(0153; 433; 2/25. Ulmer, LA)  
4780 0245 LV de Carabobo, mx, 2 IDs including mention of station's 48 years of experience, s/off formalities; 0256\* (444; 2/14. Shorock, KS)(0222;333;2/10.Cereghin,MD)(0155; 454; 2/13. Paul, AZ)(1120; 242; 2/20. Ray, PA)  
4800 0135 R. Lara, OM w/ long amnt, ID, lead-in to mx (323; 2/12. Duncan, NC)  
4830 0100 R. Tachira, LAm mx, canned ID @0103, nx (444; 2/22. Thunberg, PA)  
4840 0235 R. Valera, lively LAm mx, ID, TC (343; 2/14. Ray, PA)  
4900 0253 R. Juventud, U.S. pops by Kiss, Rod Stewart, Deep Purple (454; 2/19. Spremo, NY)(0200; 443; 2/10. Famularo, NJ)(0324;433;2/6.Steck,IL)  
4907 0316 R. Carora, strong signal, bouncy LAm pops (333; 2/13. Cereghin, MD)  
4970 0232 R. Rumbos, chimes, TC, ID "Esta es Carnival Musical Rumbos." (443; 2/16. Ulmer, LA)(2356; 333; 2/8. Harris, OH)(1106; 443; 2/22. Somers, CA)(Worob, TX; Lord, CA; Paul, AZ; Sharpe, CA; Gunter, NC)  
4980 0219 Ecoss del Torbes, SS/EE, px "Noche Recuerdo," TC in every amnt, OM w/ EE amnt @0243, giving address, requesting reports (544; 2/17. Stephany, NY)(0000; 353; 2/13. Fraser, MA)(0400; 433; 2/5. Valentine, CA)(0340'434'2/20.Berri,CA)(2231;544;2/17.Robinson,TN)(0220;332;2/16.Thompson,CA)  
4990 0227 R. Barquisimeto, OM w/ rock mx (232; 2/14. Thompson, CA)  
5030 0931 R. Contigente, mx, ID (323; 1/11. Moshier, ??)  
9540 1105 R. Nacional de Venezuela, pop mx, NA @1105 (343; 2/20. Bair, CA)(0400; 433;2/9.Famularo,NJ)(\*0625;444;2/19.Robinson,TN)(0315;322;2/8.Palmer,WA)(\*1100; 333;2/18.Cunningham,OH)  
9620 2221 R. Catatumbo Internacional, Burying Yugoslavia w/ mix of campo and rumba pops, loquacious OM, RBI QRM 2227+; (423; 2/6. Schlesinger, TX)(0525;322;2/8.Pal-  
9660 1610 R. Rumbos, weak midmorning reception. (232; 2/10. Cereghin,MD) /// mer,WA)(0440; 333; 2/18. Ulmer, LA)(0900;323;2/12.Duncan,NC)(0927;344;1/31.Kerrigan,IL)

NORTH AND CENTRAL AMERICA

ANTIGUA

6040 0108 DW, EE, OM, cmt on economics (544; 2/26. Howard, MD)  
6085 0130 DW, EE, talked on environmental protection in FRG (544; 3/8.Alexander,NC)  
6175 0424 BBC, EE, discussion on front-page articles, (533; 2/15. Leonard, ME)(0430; 444; 2/16. Brewer, AR)(0030; 544; 2/6. Worob, TX)  
6195 0854 BBC, IS, s/on, (444; 1/29. Kerrigan, IL)  
9510 0612 BBC, EE, Newdesk, (544; 2/14. Leonard, ME)(0745;343;1/18.Kerrigan,IL)  
9735 0700 DW, GC, OM w/ nx, German election results (444; 3/3. Traver, CA)  
17715 2000 DW, GC, clear site ID shortly before 2000. Seems to be error at xmitter, should be 17795. (554; 3/10. Munster, GA)

BELIZE

3285 0212 RBelize, relay of BBCWS px, SS from 0230; (333; 2/22. D'Angelo, PA)(0420; 232; 2/23. Duncan, NC)(0400; 333; 2/22. Worob, TX)(0335; 222; 1/24. Norman, DC)

CANADA

5960 0400 EE, nx, SWLD, new small radio from Sony due this year (444; 2/14. Taylor,MO)(Harris, OH; Harrell, IL; Muzyka, NY; Krist, VA)  
6005 0935 CFCX, Montreal, Top-40 hits of the 70's, CFCF Valentine contest, Reloj absent (pr; 2/10. Parks, FL)(1900; 354; 2/24. Spremo, NY)(1302;343;3/1.Ray,PA)(1716;audio sounds distorted lately; 444; 2/28. Leonard, ME)  
6120 0200 BBC, EE, nx (434; 1/31. Norman, DC)(0300; 434; 2/8. Zolla, CA)  
6130 2130 CNHX, Halifax, C & W mx, English hotline to Univ. of New Brunswick (343; 2/7. Fraser, MA)  
6195 0300 CBCNQSWS, EE nx, PQ wx; (233; 2/28. Harris, OH)  
9535 \*0300 RCL, EE, OM, political cmt on Cruise missile (444; 2/20. Cox, CA)  
9625 0205 CBCNQSWS, EE, nx (333; 2/10. Addison, KS)  
9755 0300 RCL, EE, worsening U.S./Canadian relations over (1) lumber, (2) Airfares, (3) grain, (4) "Propaganda" films (444; 2/26. Wettersten, OH)  
11720 2250 CBCNQSWS, EE, 800-mile walk to the Pole, nx from CBC newsroom in Frobisher Bay (554; 2/10. Harrell, IL)(2300; 444; 2/9. Duncan, NC)  
11850 0122 RCL, EE, SWLD (434; 2/27. Somers, CA)

CANADA -- (continued)

VA)

- 11905 \*1900 RCI, EE, nx, wx, sx, interesting item on nuclear medicine (555; 2/21. Krist,  
 11925 2041 RCL, EE, interview w/ professor on sentence structure, (333; 2/24. Howard, MO)  
 11940 0226 RCL, EE, mailbag (333; 2/28. Sanderson, AZ)(2155; 555; 2/14. Schroeder, WI)  
 11945 \*2129 RCL, EE, African Svce, SWLD, joint px w/ Swiss SW Merry-Go-Round, (444; 2/12.  
 Krist, VA)  
 11955 1540 RCL, EE, Sunday Morning, talk about leprosy and push to change the name to  
 Hansen's Disease (I, for one, am against that, hi! ch)(444; 2/27. Kerrigan, IL)  
 (1930; 444; 2/21. Langlois, CA) Hesch, NY)  
 15325 2125 RCL, EE, cmt, on Canadian economy, (333; 2/22. Tilley, CO)(2130; 453; 2/12. /  
 17820 1900 RCL, EE, talk about the Canadian national debt (343; 2/25. Dan Johnson, CA)  
 (\*1800; 555; 2/21. Krist, VA)(2150; 434; 2/27. Tilley, CO)(1635; 444; 2/13. Harrell, IL)

COSTA RICA

- 4832 0615 R. Relej, mx, ID @0623, (434; 2/28. McKeon, IN)  
 6006 0610 R. Relej, nx, cmt, ID, (444; 2/27. Evans, TN)

CUBA

- 6020 0632 RHC, world nx (554; 2/21. Somers, CA)  
 6060 2343 RHC, EE, mx of Central America (555; 2/5. Robinson, TN)  
 11760 0539 RHC, EE, YL/OM mailbag, 0600\* (433; 2/3. Cox, CA)(1700; 333; 2/5. Addison, KS)  
 (0541; 444; 2/20. Harris, OH)(1450; 454; 2/19. Muzyka, NY)  
 11890 2128 RHC, AA, EZL mx, OM ID, tlk (332; 2/13. Lucas, CA)  
 11930 0120 RHC, EE, El Salvador, former Argentine race driver Fangio sends greetings to  
 his Cuban kidnapers (Oh, gee, what next? ch)(444; 2/27. Wettersten, OH)(0100;  
 534; 3/1. Tilley, CO)(0132; 444; 2/7. Addison, KS)(0150; 555; 2/8. Harrell, IL)  
 17705 1840 RHC, FF, excellent guitar instrumentals, but some xmitter problems (444;  
 2/8. Famularo, NJ)  
 17750 1910 RHC, YL/OM ID, nx (444; 2/26. Langlois, CA)

GRENADEA -- R. Free Grenada

- 15045 2240 EE, sx, Windward Islands vs. Jamaica. ID, obits (444; 2/5. Harrell, IL)(2140;  
 ad for Crest toothpaste; 222; 2/20. Harris, OH)(2334; 443; 2/25. Famularo, NJ)  
 (2130; 433; 2/27. Langlois, GA)(0000; 444; 2/18. Berri, CA)(2205; 333; 2/10.  
 Hill, SC)(2335; 333; 2/13. Carlson, WA)(2315; 2/11. Smith, FL)(2155; 343; 2/20.  
 Drollinger, WI)(2130; does anyone know what they do with my IRC's and MS's? (Well,  
 if the climate down there were cold, I'd say they were using them for fuel; perhaps  
 you're financing the Program Director's mail to Cuba. ch); 444; 2/20. Gunter, NC)

GUATEMALA

- 3300 0337 R. Cultural, mx, cmt, ID @0342 (252; 2/13. Robichaud, NB)  
 3325 1145 R. Maya de Barillas, multi-lingual talk and local mx, mostly religious; much  
 lightning this AM (444; 2/22. Schlesinger, TX)(1105; 322; 2/11. Hotaling, NV)  
 3360 0207 LV de Nahualá, ID @0210, mentioned Nahualá 3 times, (443; 2/16. Robichaud, NB)  
 (0300; 0308\*; 222; 2/10. Harvey, PQ)(0240; 333; 2/10. Cereghin, MD)  
 3370 0110 R. Tezulutlan, marimbas, tlk in local language (444; 2/17. Schlesinger, TX)  
 (0051; 353; 2/15. Robichaud, NB)(0138; 343; 2/7. Cereghin, MD)  
 3380 0304 R. Chortis, @0305: "R. Chortis, de Jocotan...una muy buena moche." 0309\*  
 (353; 2/13. Robichaud, NB)(0223-0228\*; 444; 2/14. Shorock, KS)  
 4825 0235 R. Mam, LAm mx, TC, ID @0235; (232; 2/16. Robichaud, NB)(0220; 0230\*;  
 322; 2/10. Harvey, PQ)(2335; fr/pr; 2/19. Parks, FL)

HONDURAS

- 4781t 2314 R. Juticalpa, OM w/ soccer play-by-play, ID was of "R. Landia, Honduras."  
 Relay presumed. (pr; 2/11. Parks, FL)  
 4820 0320 HRVC, LV Evangelica, EE, Billy Graham px, ID as the "Good News Station."  
 (poor; 2/14. Ulmer, LA)(0402; 0455\*; 433; 2/23. Evans, TN)(0430; 0455\*; 344;  
 2/28. Bair, CA)  
 4910 0240 LV de la Mosquitia, continuous U.S./LAm EZL instrumentals, strong carrier  
 but weak modulation (You don't mention an ID. Was there one? ch)(pr; 2/23. Parks, FL)

MEXICO

- 2390 0043 R. Huayacocotla, OM discussing Mazatlan campesino mx, over much lightning  
 (322; 2/17. Schlesinger, TX) ing, NV)  
 6105 0145 XEQM, Su Pantera, much U.S. mx (352; 2/14. Jones, TX)(1310; 322; 2/18. Hotal-  
 6115 2300 R. Universidad, classical mx w/ talk interlude. Most of the time RMWS drowns  
 it out (333; 1/17. Moshier, CA)  
 9515 2050 LV de la America Latina, public affairs px w/ OM/YL, bracketed by ad string,  
 XEWV IDs (444; 2/21. Schlesinger, TX) IL)  
 15430 0135 R. México, EE, musical geography of Mexico, mariachi mx (343; 2/12. Harrell,

MONTSERRAT

- 11705 0540 DW, EE, mx, tlk about 19th century Hallenbach animal shows and how the  
 animals were obtained; ID before 0549\* (444; 2/21. Hosmer, MI)(0500; 434; 2/26.  
 Evans, TN)

AM STILL COUGHING MY GUTS OUT. IT'S BEEN A WEEK NOW. I HOPE YOU DON'T GET IT.

NETHERLANDS ANTILLES

- 6020 1007 RN, Dutch, creole mx, Interview w/ Andre Crumm (Thompson, CA)  
6165 0429 RN, Dutch, s/on jingle w/ YL ancing fqys (544; 2/15. Leonard, ME)(\*0230; 444; 2/11. Krist, VA)(0250; special feature on numbers stations; 555; 2/11. Demmitt, PA)(0230; 555; 2/10. Black, MA)(0325\*; 444; 2/8. Zolla, CA)  
9510 0955 RN, Dutch/EE, RN test?? tune-in @0955 to ID "RN Hilversum", no ID or TC @1000; continuous talk by 2 OMs, 1015 piano mx, ID @1018, 1019-1023 nx, then 1025\* suddenly. (555; 2/26. Creamer, CO)(This is a new freq, beginning in the winter season 82. Usage is 0935-1025 GMT. ch)  
9535 0503 TWR, EE, OM w/ update of world happenings, YL with Part II of Caribbean Night Call (434; 2/28. Howard, MO)(0343; 444; 2/20. Harris, OH)(0600; 0725\*; 444; 2/14. Taylor, MO)(0600; 444; 2/15. Valentine, CA)(0455; 444; Moshier, CA)(0400; 554; 2/7. Harrell, IL)(0445; 444; 2/20. Cox, CA) son, AZ)  
9590 0230 RN, EE, "Happy Station" (444; 2/14. Wettersten, OH)(0233; 333; 2/21. Sander-  
9715 0852 RN, EE, nx magazine px, interviews w/ Hutch nxman on Surinam (434; 2/25. Kerrigan, IL)(#0530; 444; 2/5. Cox, CA)  
11815 1124 TWR, EE, ID, "Morning Sounds," (554; 2/9. Hesch, NY)

UNITED STATES OF AMERICA

- 5985 0330 Voice of Free China relay, EE, talks about social welfare in Taiwan (544; 2/4. Harrell, IL)(0330; 544; 2/7. Hecht, PA)  
5995 0435 VOA, EE, Breakfast Show with a song by Joe Jackson (544; 2/23. Leonard, ME)  
6000 0420 KGEI, testing new antenna. Vibraphone IS, than anmt in EE/Russian "This is Station KGEI with a test transmission of a new antenna. For your QSL please send a reception report to KGEI, P.O. Box 15, San Francisco, CA, U.S.A." Each transmission lasted about 5 minutes, then off the air for about 10 minutes, and repeat. No other listed frequency for KGEI was noted testing at this time of the night (2/11. Sparks, CA)(0445; 333; 2/10. Tate, WV)(0550; 333; 2/14. Starr, GA)(0519; 555; 2/6. Worob, TX)  
6015 0430 WYFR, Russian, YL w/ rel. mx., ancd address (434; 2/23. Duncan, NC)  
6065 0115 WYFR, EE, dramatic religious program (Christian soap opera?)(433; 2/11. Duncan, NC)  
6125 0615 VOA, EE, OM w/ tlk on South African elections (544; 3/1. Valentine, CA)  
6100 0945 KGEI, EE/other langs.; new antenna test; YVTO co-channel, (433; 2/20. Lucas, CA)  
6130 0030 VOA, EE, "Music USA." (555; 2/13. Hill, SC)  
6155 1006 WRNO, EE, Powerline religious px, looks like they may go late on this fqy Sats and Suns. EST when they have extra time buyers (433; 2/27. Lucas, CA) (0230; 555; 2/13. Hill, SC)(0425; 555; 2/7. Hecht, PA) (0347; 544; 2/26. Howard, MO)(0455; 454; 2/18. Trager, CA)(0232; 223; 3/6. Forrest, CA)(0230; 554; 2/9. Heach, NY)  
7355 0708 WYFR, EE, call-in program (444; 2/16. Leonard, ME)(0628; 555; 2/16. Schul-singer, OH)(0620; 454; 2/21. Hosmer, MI)(0715; 444; 1/19. Moshier, CA)  
7400 0040 VOA, OM tlk, (554; 2/18. Miller, CA)  
9365 1947 WYFR, EE, ID, mx, consumer px (344; 2/14. Hensley, TX)  
9565 1407 VOA, EE, magazine show, rather partisan editorials approving of aid to El Salvador (444; 2/6. Schlesinger, TX)(0025; The Voice of the OAS, 454; 2/8. Hesch, NY)(2345; OAS; 544; 2/18. Sampson, WI)  
9650 0030 VOA, Special EE, nx (444; 2/24. James, NC)  
9680 0643 WYFR, EE, OM w/ story of Joshua fitting the battle of Jericho (You know, and the walls came tumblin' down??? ch)(322; 3/8. Traver, CA)  
9715 1240 WRNO, EE, RC Sproul Study Hour (One thing's for sure, "RC" doesn't stand for "Roman Catholic" ch)(444; McCants, AL)  
11740 0101 VOA, EE, OM ID (444; 2/19. Addison, KS)(0200; VOFC via WYFR, EE, winners of song contest; 443; 2/12. Sampson, WI)  
11790 0330 AFRTS, EE, basketball game: LA Lakers and KC (544; 2/5. Valentine, CA)  
11890 2330 WRNO, EE, World of Radio, gh played his Virgin Islands tapes (444; 2/6. Taylor, MO)(2305; 433; 2/13. Krist, VA)(2330; 422; 2/13. Hensley, TX)(2325; 434; 3/4. Famularo, NJ)  
11965 0046 WRNO, EE, mx, CBS nx, ad for Wall Street Journal (444; 2/22. Ryeder, FL)  
15120 2145 UN Radio, EE, Caribbean report, into FF (434; 2/4. Wood, LA)  
15145 0050 WINB, EE, instrumental mx, to ID in SS/EE @0100 w/ address (322; 2/10. Harvey, PQ)(2258; 343; 2/21. D'Angelo, PA)  
15160 2350 Voice of the OAS, new Chilean cabinet (454; 2/15. Robichaud, NB)  
15185 2135 WINB, EE, talk-back w/ Bob Lorren (333; 2/10. Taylor, MO)(2040; no, it's not Bob "Lorren," it's Bob Larsen!; 333; Moshier, CA)(2130; 343; 2/22. Tilley, CO)  
15195 1800 VOA, FF, nx, (544; 2/18. Valentine, CA)  
15215 1615 WYFR, EE, mailbag, Back to God Hour (555; 2/21. Wimmers, VA)  
15330 0130 AFRTS, EE, NHL All-Star Hockey Game, (353; 2/9. Krist, VA)  
15345 2100 AFRTS, EE, nx (444; 2/14. Hensley, TX)  
15355 2100 WRNO, religious px, EE, not on 11890 (444; 2/9. Duncan, NC)  
15365 2200 WYFR, EE, mx, open forum px (333; 2/11. Taylor, MO)(2210; 555; 2/12. Harrell, IL)(2120; 444; 2/22. Tilley, CO)(1800; 555; 2/26. Dan Johnson, CA)

UNITED STATES OF AMERICA / -- (continued)

- 15380 2210 WYFR, EE, mailbag, Back to God Hour (444; 2/6. Taylor, MO)
- 15410 2000 VOA, EE, education in U.S.A. (444; 2/21. Langlois, GA)
- 15430 1100 AFRTS, EE, National Public Radio nx (343; 2/11. Krist, VA)
- 15440 1945 WYFR, EE, religious readings (444; 2/21. Langlois, GA) (ME)
- 15580 2050 VOA, EE, Jazz Hour to 2100 nx (333; 2/22. Tilley, CO)(1708;544;2/28.Leonard,
- 15600 2135 VOA, EE, promos for VOA shows, talk about Mt. St. Helens (554; 2/15. Harrell,
- 17730 1725 WINB, EE, Sun. services w/ black preacher (444; 2/6. Schlesinger, TX) /// IL)  
(1630; 444; 2/8. Addison, KS)
- 17730 2100 UN Radio, EE, YL w/ ID, fqys, t1k about Libya (353; 2/25. Dan Johnson, CA)
- 17785 1930 VOA, EE, Dateline w/ interview of Georgianne Guyer, a foreign correspondent  
(455; 2/25. Dan Johnson, CA)
- 17845 2200 WYFR, EE, variety of programs (434; 2/27. Tilley, CO)
- 17895 1830 WRNO, EE, ads (133; 2/28. Forrest, CA)
- 21460 2340 VOA, EE, Reagan's Birthday (Yes, and the cake started two forest fires. ch)  
(453; 2/5. Harrell, IL)(2210; 555; 2/14. Schroeder, WI)
- 21480 1814 VOA, EE, weekend report (444; 2/5. Schlesinger, TX)
- 21485 1730 VOA, EE, S p e c i a l E E n x, (454; 2/21. Krist, VA)
- 21510 1732 WYFR, GG, religious mx, Onward Christian Soldiers (222; 2/18. Lord, CA)
- 21615 1723 WYFR, EE, Marriage and the Bible (444; 2/6. Schlesinger, TX)(When I was in  
the Seminary, where celibacy was enjoined, I was once asked to read at Evening  
Prayer the passage from Paul which begins: "It is better to marry than to burn with  
desire..." Great stuff for celibates. I got through it, but barely. ch)
- 21640 1715 VOA, EE, fighting in South Africa (444; 2/26. Langlois, GA)
- 21840 1955 VOA, EE, Dateline, Jazz Hour (555; 2/14. Hensley, TX)(1530;454;2/26.Krist,VA)
- 26000 1955 VOA, EE, Dateline (353; 2/21. Krist, VA)
- 26040 2000 VOA, EE, Nightline Africa (455; 3/1. Tilley, CO)

C L A N D E S T I N E /

- 4980 0129 R. Antonio Maceo (via Ecos del Torbes), full ID of all stations and fqys,  
0133 back to E del T (333; 2/10. ??? Who are you?)
- 5106 0120 R. Ignacio Agramonte, IS 3 times, ID (222; 2/10. Harvey, PQ)(0200+; 343;  
3/1. Jones, TX)(0146; 352; 2/20. Spremo, NY)
- 5750 0400 LV de Nicaragua Libre, alternating talks by OM/YL (444; 2/17. Pimblett, AB)  
(0444; 433; 2/12. Ulmer, LA)
- 6215 0445 LV de Sandino, long political talk and some mx. Two IDs just before final  
anmt and orchestral anthem, 0455\* (2/15. Sparks, CA)(0400; 322; 2/12. Hotaling, NV)  
(6225; 0406; 222; 2/10. Rising, CA)(6227;0010;353; 2/19. Spremo, NY)
- 7000 0330 R. 15 de Sept., martial mx, 0335\*; (232; 2/16. Schulsinger, OH)(6900; 0308;  
pr/fr; 2/20. Grijalva, AZ)(6800; 0340; 333; 2/19. Grijalva, AZ)
- 6865 0255 R. Miskut, political rhetoric in Indian language to 0300. Primitive guitar  
mx 0304, NA 0306, 0307\*. (444; 2/20. Cunningham, OH)(6864; 0215; EE speech: "To  
Live In Harmony." anti-Sandinista; 0315\* w/ anthems; 433; 2/13. Konen, WI)(6870;  
0204; pr; 2/22. Grijalva, AZ)(6863; 0300; 343; 2/20. Grijalva, AZ)(6865; 0228;  
gd; 2/12. Parks, FL)
- 6210 0233 R. Venceremos, YL ID amid crowd of singing people, OM talk and then jammed  
(322; 2/8. Famularo, NJ)(6884; 0313; pr/fr; 2/20. Grijalva, AZ)(6895; 0329\*; 443;  
2/25. Jones, TX)(6210; 0304; 0332\*; 322; 2/27. Lucas, CA)(6895; 0016; 323; 2/12.
- 7350 0333 R. Antonio Guiteras, U.S./British pop mx, "Musica Libre," /// Ulmer, LA)  
ID as LV del CID. 0336\*; (433; 2/6. Cunningham, OH)(0319; 353; 2/26. Schulsinger,  
OH)(0100; 333; 2/11. Stone, ON) LA)
- 7465 0130 R. José A. Echeverria, ID, lists of stations, Cuban NA, OC (444; 2/25. Ulmer,
- 11700 2145 R. Máximo Gómez (via R. Clarín), Música Libre, rock mx (333; 2/11. Harvey,  
PQ)(2345; 233; 2/10. Drollinger, WI)(2155; 333; 1/25. Kerrigan, IL)(1735; 444;  
1/23. Gunter, NC)(1739; 443; 2/12. Schlesinger, TX)

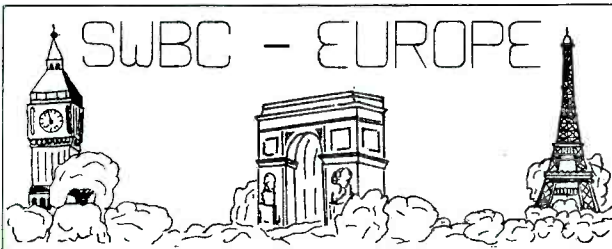
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I'd just like to discourse for a paragraph or so on the subject of stale loggings. Many this month sent loggings from January or even December. Remember that even timely loggings in this column are up to a month or two old by the time SPEEDX is in your hands. January and December loggings could be up to five months old. Definitely uninteresting by this time. I cut most of them out, so if few or none of your loggings made it this month, that's why. I will essay to send a card to some newer members who submitted old loggings just to greet them and expound on the submission of fresh loggings. You older hands should know by now.

Well, thanks for your loggings this month. I don't know whether I'll be doing next month's column or not (see the masthead for details -- if my name is there, I'll be doing next month's column). Do take care of yourselves, DX well, and CUN 30

*file this with...*





EDITOR: TERRY LINDLEY  
NEW EDITOR FOR MAY:

MARK KOUKOL  
P.O. Box 321  
De Kalb, IL 60115

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

A L B A N I A R.Tirana

- 5057 0540 RT: EE-YL w/mx pgm, OM & YL reads nx pgm.(312 3/3 McKeon-IN)  
6200 0330 RT: EE-Nx pgm, & "Review of Intl Events"(443 2/27 Wettersten-OH)(Forbes-TX)(Duncan-NC)  
7065 0000 RT: EE-ID, talk on deployment of US missiles in Europe.(332 2/5 Harrell-IL)(Van Horn-TX)(Muzyka-NY)  
7080 0630 RT: EE-Nx pgm, IDs & mx pgm.(343 2/14 Leonard-ME)  
7120 0138 RT: EE-YL answers listeners letters.(444 1/29 Harvey-QUE)(Sanderson-AZ)(Gunter-NC)  
9500 0630 RT: EE-YL w/nx pgm, talk on a film "A Good Person"(434 3/3 McKeon-IN)  
9750 0130 RT: EE-IS, ID, YL w/cmtry & propaganda.(433 2/11 Duncan-NC)

A U S T R I A Osterreichischer Rundfunk

- 5945 0430 ORF: EE-"Austria Calling" w/nx, & mx pgm.(433 2/11 Krist-VA)(Miller-GA)(Harrell-IL)  
6115 0138 ORF: EE-Talk on missile freeze.(444 2/28 Harris-OH)  
9655 0430 ORF: EE-ID, freqs, Glenn Hauser w/DX nx.(344 2/28 Miller-CA)  
9770 0130 ORF: EE-IDs, freqs, "Report From Austria"(222 2/4 Wood-LA)(Howard-MO)(Van Horn-TX)  
12015 1500 ORF: EE-pgm of nx to SW Europe.(242 2/25 Zilmer-NM)  
21615 1235 ORF: EE-"Austrian SW Panarama" w/Glenn Hauser and info on KYOI VOA, ect.(443 2/9 Hesch-NY)(Thunberg-PA)(Fraser-MA)(Krist-VA)(Wettersten-OH)

B E L G I U M Belgische Radio en Televisie

- 7465 0030 BRT: EE-Talks, folk mx, QRM from RTTY.(333 2/20 Muzyka-NY)(Harris-OH)(Harrell-IL)(Manning-TX)(Krist-VA)  
9880 0040 BRT: EE-YL w/talk on economics.(232 2/18 Lucas-CA)(Forbes-TX)  
11625 0030 BRT: EE-Brussels Calling to S.Amer.(232 3/7 Zilmer-NM)  
15585 1950 BRT: EE-DX nx, freq & skeds.(222 3/6 Zilmer-NM)  
17610 1415 BRT: EE-YL w/sports nx, pop mx pgm.(454 2/22 Hosmer-MI)(Manning-TX)(Zilmer-NM)  
21460 1500 ORU: FF-IS, ID, OM w/mx pgm.(444 2/16 Stephany-NY)

B U L G A R I A R.Sofia

- 7115 0400 RS: EE-NX pgm, cmtry, & mx pgm.(343 2/27 Sampson-WI)  
7255 0450 RS: EE-Talk on 131st Revolution.(333 Karns-OH)  
9700 1912 RS: EE-Opera mx, talk on artists & poets.(555 2/27 Robinson-TN)(Howard-MO)(Hill-SC)(Harris-OH)(Harrell-IL)(Duncan-NC)(Card-RI)  
11720 0005 RS: EE-OM w/nx pgm, & IDs.(433 2/25 Forbes-TX)

C Z E C K O S L O V A K I A R.Prague

- 7345 0100 RP: EE-"Sunday Magazine of the Air" pgm w/a talk on Bulgarian health care.(233 2/28 Rising-CA)(Fraser-MA)(Alexander-NC)  
11970 0100 RP: EE-OM w/ID, YL w/nx pgm.(444 2/27 James-NC)  
11990 1749 RP: EE-YL w/cmtry on womens jobs, ID.(322 2/11 Palmer-WA)

D E N M A R K R.Denmark

- 9775 0100 RD: DN-YL w/ID & pgm of nx.(433 2/16 Van Horn-TX)  
11715 2258 RD: EE/DN-IS, ID, freqs, wld nx pgm.(343 2/27 D'Angelo-PA)(222 2/22 Harris-OH)

F I N L A N D R.Finland

- 75400 1330 RF: EE-"Sunday Best" w/talk on Finnish films.(344 2/20 Wettersten-OH)(Krist-VA)(Kerrigan-IL)(Harris-OH)  
21475 1305 RF: EE-Talk on political parties & elections.(333 2/4 Harrell

Last week I met a lady with an "accent" and after talking a bit I asked her where she was from. She said Central America, then I said oh really what part? She immediately said Kansas... tml.....

F R A N C E R.France Intl  
 9660 0632 RFI: FF-OM w/nx pgm, talk on Pope.(423 3/8 Traver-CA)  
 11735 0731 RFI: FF-OM w/talks.(333 3/8 Traver-CA)  
 11995 0033 RFI: SS-Nx, IDs, & cmtry.(443 2/28 Morre-TX)  
 15195 1945 RFI: FF-YL w/nx pgm to Afr.(545 2/14 Valentine-CA)  
 15300 1400 RFI: EE-"Paris Calling Afr" w/nx, plays.(444 2/20 Wettersten-  
 17620 1630 RFI: EE-"Paris Calling Afr" w/ID, address, wld nx.(444 2/22  
 Hosmer-MI)(Card-RI)(Gunter-NC)(Howard-MO)(Krist-VA)  
 17795 0507 RFI: EE-YL w/a pgm of FF nx.(2/12 Piatelli-CA)  
 21525 1815 RFI: FF-OM w/talks in French.(444 2/5 Valentine-CA)  
 21580 1602 RFI: EE-"PCA" w/ID. & talk on Nigeria.(353 2/12 Harrell-IL)  
 (Trent-AK)(Wimmers-VA)(Card-RI)  
 21595 1630 RFI: FF-2 OMs w/mx pgm & talks.(444 2/2 Valentine-CA)  
 21685 1638 RFI: EE-"PCA" w/results of a survey.(2/27 D'Angelo-PA)

G E R M A N D E M O C R A T I C R E P U B L I C R.Berlin Intl  
 6040 0514 RBI: SS-IS, ID, OM w/pgm of nx.(232 2/5 Palmer-wA)  
 9550 0345 RBI: EE-YL w/ID, & cmtry on capture of a German war criminal.  
 (444 2/8 Zolla-CA)  
 9560 0330 RBI: EE-YL w/nx, OM w/cmtry on arms reduction.(433 2/20 Cox-LA  
 (Famularo-NJ)(Harrell-IL)  
 9620 2130 RBI: EE-Nx, & cmtry on arms.(333 2/24 Miller-GA)  
 11975 2015 RBI: EE-Talk on economic growth.(545 2/27 Robinson-TN)  
 11980 1626 RBI: EE-IDs, grm from hets.(222 2/18 Lucas-CA)  
 15170 1815 RBI: EE-OM w/cmtry about CIA agents.(323 2/11 Duncan-NC)  
 15240 1317 RBI: EE-Talk on disarmament, ID.(333 3/4 Famularo-NJ)(Krist-  
 VA)(Wettersten-OH)

G E R M A N F E D E R A L R E P U B L I C Deutsche Welle  
 3990 0150 DW: GG-ID, mx sung by OM.(333 2/26 Fraser-MA)  
 5960 0515 DW: EE-pgm of pop rock mx, & nx.(good 2/23 Fama-CA)  
 6040 0100 DW: EE-IS, freqs, & nx pgm.(434 2/12 Duncan-NC)(Addison-KS)  
 (Harrell-IL)  
 6075 1906 DW: GG-Wld nx pgm, OM w/mx.(545 Robinson-TN)  
 6085 0530 DW: GG-OM & YL w/talks & mx.(444 3/1 Preston-CA)(Duncan-NC)x  
 (Valentine-CA)  
 6145 0130 DW: EE-Mx, talk on German elections.(444 2/23 Thunberg-PA)  
 (Van Horn-TX)(Cox-LA)  
 9545 0500 DW: EE-OM w/nx, talk on art exhibits.(444 2/28 Preston-CA)  
 9615 1552 DW: HD-Exc mx og India.(444 2/8 Palmer-wA)  
 9690 0200 DW: EE-Nx to Asia. Argentina not heard.(232 2/25 Zilmer-NM)  
 (Piatelli-CA)  
 9735 1500 DW: EE-Nx beamed to Afr.(222 3/4 Zilmer-NM)  
 11965 1500 DW: EE-Nx to Afr."Window on the World"(322 2/25 Zilmer-NM)  
 15105 2300 DW: SS-OM w/a pgm of nx.(444 2/21 Langlois-GA)  
 17795 2140 DW: GG-NX, mx pgm, letters from DXers.(545 2/27 Tillet-CO)  
 21735 1825 RFE/RL: RR-Wld nx, ID.(fair 2/27 Sharpe-CA)

G R E E C E Voice of Greece  
 5960 0430 VOG: EE-"This is the news in breif"(555 1/20 ?????????//?????  
 7305 0520 VOG: GK-Pgm of mx, ID.(444 2/18 Ulmer-LA)  
 9865 0320 VOG: EE-GK mx pgm, nx, & talk on bases in Greece.(444 2/11  
 Mountain-BC)(Harris-OH)(Harrell-IL)(Valentine-CA)(Thunberg)  
 15055 1601 VOG: AB-IS, OM w/ID, YL w/nx.(242 2/24 Ray-PA)  
 17560 1535 VOG: EE-High praise for Tennessee Williams.(332 2/26 Wettersten

H U N G A R Y R.Budapest  
 9585 2046 RB: HG-Mx pgm, wld nx. Elvis sings.(555 2/27 Robinson-TN)  
 (Wettersten-OH)(Harrell-IL)(Alexander-NC)

I C E L A N D ISBS  
 13797 1957 ISBS: IC-Rock mx pgm, OM&YL w/anncs.(353 2/18 Ray-PA)  
 (333 2/11 Harvey-QUE)

I R E L A N D R.Dublin Intl  
 6910 0635 RDI: EE-Mx pgm, ID, nx, & more mx.(232 2/28 Schulsinger-OH)  
 RDI: EE-Phone calls from listeners.(242 2/27 D'Angelo-PA)

I T A L Y  
 9575 0100 RAI: EE-Violin mx, mx pgm, YL w/ID, & nx.(343 2/25 Johnson-CA  
 (Wettersten-OH)(Harrell-IL)(Valentine-CA)(Fraser-MA)(Addison-  
 9710 0030 RAI: IT-YL & OM w/mx & nx pgms.(322 2/25 Sable-NY)  
 11800 0435 RAI: IT-ID, nx pgm, mx.(433 2/28 Moore-TX)

L U X E M B O U R G H R.Luxembourg  
6090 0150 RL: EE-OM w/rock mx, talk om big snow.(323 1/31 Norman-DC)  
,(Card-RI)(Gunter-NC)

M A L T A R.Mediterran  
5960 2230 RM: FF-Nx, mx, talk on Malta.(544 1/30 Robichaud-NB)  
6110 2304 RM: EE-Cmtry, ID, address, nx, & mx.(342 3/1 Spremo-NY)(  
(D'Angelo-PA)(Robichaud-NB)  
9555 0600 IBRA Radio: RR-IS, religious pgms.(354 2/27 Stephany-NY)

M O N A C O Trans World Radio  
9495 0725 TWR: EE-OM w/ID, YL w/religious pgm.(454 2/2 Hesch-NY)(Gayle  
Van Horn-TX)(Ulmer-LA)  
11655 0445 TWR: ??????-YL ?????????????????????(222 2/7 Steck-IL) info?

N E T H E R L A N D S R.Nederland  
11720 0719 RN: EE-OM w/nx, talk on British mine strike.(322 3/8 Traver-CA  
9895 0950 RN: EE-the "Shortwave Feedback" pgm.(444 1/15 Gunter-NC)  
11750 1855 RN: EE-pgm of ElSalvadorian mx.(343 2/21 Thunberg-PA)  
17605 1450 RN: EE-"Medis Network" w/info on a Pacific beacon.(454 2/3  
Hesch-NY)(  
21685 2050 RN: EE-Nx pgm, talk on Dutch cheese.(444 2/28 Tilley-CO)  
(Valentine-CA)

N O R W A Y R.Norway  
6185 0400 RN: EE-"Trends & Traditions", rel pgm.(433 2/27 Miller-GA)  
9590 0129 RN: NW/EE-ID, IS, tape is wrong speed.(322 2/24 Sable-NY)  
17840 1400 RN: EE-Freq & sked, nx pgm.(333 3/6 Zilmer-NM)  
25730 1615 RN: EE-ID, mx pgm.(253 2/6 Harrell-IL)  
26030 1409 RN: EE-Nx pgm about Norway.(2/6 Harris-OH)

P O L A N D R.Polonia  
7270 0630 RP: EE-Nx pgm, jazz, folk, rock, & pop mx.(433 2/14 Krist-VA)  
11840 1143 RP: EE-Pgm of nx, & mx.(222 2/20 Harris-OH)

P O R T U G A L R.Portugal  
6025 0315 RP: EE-ID, freqs, talk on Cape Verde Is.(443 2/7 Harrell-IL)  
6075 0548 RP: EE-Talk on new postage stamp issues.(555 Gunter-NC)  
9670 2100 IBRA: PO-ID in EE, hymn, rel talk by OM.(333 2/22 Ray-PA)  
11730 2329 R.Renascentia: PP-IS, pgm of pop mx.(433 2/26 Moore-TX)  
11925 0230 RP: PP-Songs & mx pgm.(444 2/28 Valentine-CA)(Harris-OH)  
15105 1800 RP: EE-Nat anthem, OM w/nx.(323 Norman-DC)  
15259 1800 RP: EE-Mx pgm, ID, Nx by YL.(232 2.10 Dan Johnson-CA)(Palmer)  
25665 1600 RFE/RL: PO-Nx pgm, talks, & mx.(353 3/7 Zilmer-NM)

R O M A N I A R.Bucharesti  
9550 0215 RB: EE-OM & YL w/Communist party, mx pgm.(333 2/4 Wood-LA)  
(Krist-VA)  
9570 0400 RB: EE-Anti Nuke talk, talk on museum of wood carving.(432 2/  
2/27 Wettersten-OH)  
15250 1300 RB: EE-Pgm of nx, & a cmtry.(242 3/6 Zilmer-NM)

S P A I N Radio Exterior de Espana  
9360 0508 REE: SS-OM & YL w/IDs, nx pgm.(545 2/10 Worob-TX)  
9630 0003 REE: EE-YL w/nx pgm, weather repprt.(545 2/15 Starr-GA)(Card-  
RI)(Miller-CA)(Van Horn-TX)(Addison-KS)(Piatelli-CA)(Cox-LA)  
(Traver-CA)(Sable-CA)(Harris-OH)(Harrell-IL)(Valentine-CA)(+7  
11730 0720 REE: SS-a radio drama (live) w/war sounds.(322 3/8 Traver-CA)  
11760 2139 REE: EE-OM w/wld nx, ID, sports.(232 2/13 Lucas-CA)(Fernando-  
NY)(Krist-VA)(Famularo-NJ)(Hosmer-MI)(  
11870 0000 REE: EE-YL w/cmtry, wx, mx.(444 2/24 James-NC)  
11880 0540 REE: EE-YL w/talk on Navarre, mx pgm.(333 2/28 Preston-CA)  
(Hosmer-MI)(Wettersten-OH)(Rising-CA)(Card-RI)(Gunter-NC)  
(Somers-CA)(Valentine-CA)  
15125 2015 REE: EE-OM & YL w/pgm of nx.(433 2/21 Langlois-OGA)  
15190 1629 REE: SS-ID, talks & mx.(333 3/7 Zilmer-NM)  
15375 2121 REE: EE-YL w/mx & nx, ID.(444 2/19 Brewer-AR)(Gunter-NC)(  
(Krist-VA)(Langlois-GA)

This will be my last Europe column. No I'm not leaving SPEEDX, I enjoy editing too much for that. Some months the 12th and 13th catches me mucho busy but I still enjoy doing the column. More on this on the last page.

S W E D E N

9695 0230 R.Sweden Intl  
RSI: EE-"Weekday Tuesday" w/nx, talk on art treasures.(444 2/23 Hosmer-MI)(Wettersten-OH)(Addison-KS)(VanHorn-TX)(Harris-OH)(Duncan-NC)

11705 0235 RSI: EE-Listeners letters read.(455 2/27 Zolla-CA)(Harrell-IL)(Thunberg-PA)(Addison-KS)(Krist-VA)

21615 1410 RSI: EE-OM w/pgm of nx.(333 2/17 Duncan-NC)

S W I T Z E R L A N D Swiss Radio Intl

3985 0700 SRI: EE-OM w/nx on Dateline Thursday.(454 2/25 Spremo-NY)

6135 0154 SRI: EE-Mx pgm w/some jazz, & ID.(444 2/28 Famularo-NJ)(Hosmer-MI)(Card-RI)(Duncan-NC)(Addison-KS)(Robinson-TN)(Krist-VA)

7219 0600 Red Cross Radio: EE-Mailbag pgm, talks on Red Cross.(232 2/21 Muzyka-NY)

9725 0145 SRI: EE-Talk on cable car deaths in Alps.(323 2/13 Wettersten)

11715 0430 SRI: EE-OM w/nx, mx pgm, ID, & freq-sked.(444 2/28 Preston-CA)(Harrell-IL)

14500 1828 United Nations Radio: FF/RR-IS, OM w/IDs, RR nx. Even though this is a feeder to R.Moscow it is SWBC since it is intended for public use as well.(344 2/18 Stephany-NY) I can't say that I fully agree with you Nolan, but I don't completely disagree with you either. Feeders are officially classified as UTBS but I do occasionally include them. tml.....

15305 0145 SRI: EE-YL w/ID, wld nx, & mx.(444 2/27 Zolla-CA)(Zilmer-NM)

15325 0100 SRI: SS-Nx pgm to S.Amer, & mx.(242 3/3 Zilmer-NM)

17830 1545 SRI: EE-Pgm of Swiss nx, ID, & mx pgm.(433 2/8 Famularo-NJ)

17850 1815 SRI: EE-pgm of nx.(322 3/6 Zilmer-NM)

21570 1315 SRI: EE-Swiss Shortwave Merry GO Round.(454 2/12 Fraser-MA)

25780 1322 SRI: EE-SSWGR w/tele interviews.(453 2/12 Hesch-NY)

U N I T E D K I N G D O M BBC

5975 0417 BBC: EE-Wld nx from the News Desk.(1/31 ??????????-????????)

6120 0230 BBC: EE-OM w/ID, mx, & cmtry.(444 2/3 Addison-KS)

6005 0515 BBC: EE-OM w/pgm of Afr nx & mx.(433 3/1 Preston-CA)

6175 0021 BBC: EE-Nx pgm.(555 2/28 Harris-OH)(444 2/6 Addison-KS)

7150 0700 BBC: EE-ID, nx pgm.(422 2/14 Leonard-ME)

9510 0604 BBC: EE-OM & YL w/talk on Popes visit to Guatamala.(343 3/8 Traver-CA)(Somers-CA)

9515 0145 BBC: EE-Annc of coming pgms.(555 2/25 Howard-MO)(Addison-KS)

9590 2310 BBC: EE-Talk on tribal conflict in Zimbabwe.(444 2/5 Harrell)

11750 1740 BBC: EE-"This Week in Wales"(443 3/3 Thompson-CA)(Van Horn-TX)(Dan Johnson-CA)

15070 1702 BBC: EE-Pgm of wld nx, ID at 1705.(344 2/28 Leonard-ME)(Kerrigan-IL)(Langlois-GA)

15390 2130 BBC: EE-"Calling the Falklands"(433 2/8 Hill-SC)

15400 2100 BBC: EE-Nx in the World Service.(444 2/22 Langlois-GA)

21470 1415 BBC: EE-OM w/pgm of classical mx.(434 2/17 Duncan-NC)

21710 1345 BBC: EE-Sandi Jones request show w/response to my request for her picture warned that personality is more important than looks.(343 2/20 Demmitt-PA)

U S S R R.Moscow

4860 0259 Kalinin: EE-IS, mx pgm, (222 2/5 Palmer-WA)

5920 0434 RM: EE-OM w/classical mx pgm.(333 2/5 Palmer-WA)

6115 0155 RM: EE-Cmtry on textile industry.(444 2/16 Van Horn-TX)

7105 0040 RM: EE-OM w/cmtry on how USSR has improved life in Afghanistan (323 2/24 James-NC) It only takes one word to describe that and it is BUNK. tml.....

7135 0448 RM: EE-ID, & mx pgm.(433 2/23 Leonard-ME)

7165 0300 RK: EE-Nx pgm,"DX Club" pgm.(433 2/10 Krist-VA)

7175 0725 RM: EE-Talk on early years of Soviet Union.(434 2/15 Lord-CA)

7215 0000 RM: EE-"Reviewing Your Letters"(454 2/8 Fraser-MA)

7400 0510 RM: PO-Pgm of nx.(343 2/18 Ulmer-IA)

7440 0334 RM: EE-OM & YL w/nx pgm.(333 2/1 Kerrigan-IL)

9490 0345 R.Megallanes: SS-Talk, on Marx & Marxism.(fair 3/7 Sharpe-CA)

9860 0405 RM: EE-OM w/nx pgm, YL w/ID.(423 3/7 Berri-CA)

11700 1451 RM: PT/DR-Nx & mx selections.(444 2/8 Palmer-WA)

11745 0130 R.Peace & Progress: SS-IS, ID, & talks.(333 2/25 Famularo-NJ)

11810 0739 RM: EE-OM w/talk about Soviet criminals living in US and bcst on RFE.(222 3/8 Traver-CA)

11840 1330 RM: EE-Pgm of classical mx, & nx.(433 2/17 Duncan-NC)

11960 1900 RM: EE-OM-YL w/talk about astronauts.(444 2/21 Langlois-GA)

12045 1551 RM: RR-Moscows Firts pgm.(333 2/18 Palmer-WA)

12070 1400 RK: RR-Nx & mx pgms.(435 2/7 Card-RI)

U S S R (continued)

15100 0303 RK: EE-YL w/nx pgm, IDs.(222 2/20 Wood-LA)  
 15150 2330 RM: SS-OM-YL w/pgm of nx.(444 2/25 Langlois-GA)  
 15235 0059 RK: EE-Radio Sports of USSR.(454 3/2 Trent-AK)  
 15240 0030 RK: EE-Nx pgm, pgm called "Heritage"(453 2/25 Fraser-MA)  
 15455 2110 RM: EE-Cmtry on US/USSR relations.(323 2/22 Tilley-CO)  
 15510 1330 RP&P: EE-Nx pgm, talk on Arms talks.(353 2/11 Krist-VA)  
 15455 2030 RM: EE-YL w/a contest.(454 2/26 Johnson-CA)  
 17720 2250 RM: EE-Cmtry on Arabic mx.(433 2/27 Tilley-CO)  
 17870 0130 ??: RR-OM-YL w/nx pgm.(444 2/28 Valentine-CA)  
 21530 0215 RM: EE-YL w/nx pgm & mailbag.(333 2/28 Valentine-CA)

V A T I C A N S T A T E R.Vaticana

6015 0100 RV: EE-Talk on the meaning of Lent.(444 2/20 Muzyka-NY)  
 6260 2030 RV: EE-IS, talk on Pope in S.Amer.(253 3/1 Spremo-NY)  
 9605 0100 RV: EE-Nx about the Pope.(333 2/15 Harris-OH)  
 15120 2210 RV: EE-Talk on Vatican's concern about L.Amer.(333 D'Angelo-PA)  
 17865 1500 RV: EE-Review of nx & Popes trip.(343 3/7 Zilmer-NM)  
 21730 1400 RV: SS-Spanish pgm to Central Amer.(454 2/23 Fraser-MA)

Y U G O S L A V I A R.Yugoslavia

9620 2215 RY: EE-YL w/nx, talk on upcoming Olympics.(333 2/24 Miller-GA)

Sam Alexander, Joe Addison, Jason Berri, Don Brewer, Peter Card, Jim Cox, Richard D'Angelo, John Demmitt, Gregory Duncan, L. Fama, Lew Forbes, Bob Fraser, Ralph Famularo, Fernando Gonzalez, John Gunter, Mike Harris, Rich Harrell, Ruth Hesch, Elaine Hill, Don Hosmer, Roberta Howard, Tom James, Dan Johnson, Patrick Kerrigan, Kraig Krist, Harold Langlois, Mike Leonard, Scott Lew, Earle Lord, Richard Lucas, Bill Miller, Sandy Manning, Thomas McKeon, William Muzyka, John Miller, Mike Miller, Gerry Mountain, Ron Norman, Bob Palmer, Mario Piatelli, Bill Preston, Richard Ray, Allen Rising, Ivan Robichaud, Betsy Robinson, Thomas Sable, Dan Sampson, John Sanderson, ?? Somers, Bryan Sharpe, Traver Smith, Art Schroeder, Alfred Spremo, Mike Schulsinger, Nolan Stephany, John Sill, ?? Starr, R.Steck, Peggy Thompson, Bob Thunberg, Doug Tilley, John Trent, Doug Ulmer, F.A. Valentine, Phil Wettersten, Gayle Van Horn, B. Wimmers, Doug Wertepny, Steven Wood, Phillip Worob, Rick Zolla, and Bob Zilmer. There you have it, the people who made this months column possible. A big thank you to each and every one of you.

It happens from time to time, I can't read a logging so into the trash can it goes. If you don't see your loggings then chances are that it is in the bottom of the heap. Please print or write very carefully. (clearly)

Another reminder that Vatican State is a separate radio country as defined by the SPEEDX EDXC Country list. If you would like to have one order it from Jack Jones, 304 Robinhood Road, Jackson, MS 39206. Enclose \$1.00

This will be my last Europe column. I'm switching to Asia/Oceania for next month. I know that some of you will already have mailed your loggings for next month before you read this but don't worry I will forward them to the appropriate editor. Just remember to send the A/O loggings to me for the next month.

See you next month in A/O, until then 73s *Jerry*



SHORTWAVE

# AFRICA



MIKE NIKOLICH • 2137 W. Farwell • Chicago, IL 60645

LIKE THE NEW MASTHEAD?

After doing this column for 18 months, I must admit to tiring a bit of its old masthead. Luckily, a graphic artist friend of mine, Tom Morgan, was able to whip up the new masthead in short order. I think it looks great. Hope you like it.

OOPS DEPT.

Well, so much for me being a junior Sherlock Holmes. It looks like SPEEDX really does have a Hedd Ryeder as a member. Thinking someone might have been playing a trick on me by sending loggings under the moniker of one of my favorite bands, Hedd Rider, I became suspicious and asked the real Hedd Ryeder to write me. He did. I'm sorry for the less than diplomatic way I handled myself Hedd. Your logs will be welcomed with open arms from now on. Tnx.

### IS IT SAO VINCENTE OR PRAHIA?

SPEEDXer Stu Hall says, "I had trouble believing my ears on Feb. 13. Paranoia set in. I kept checking and re-checking the WRTVH because I hrd what sounded like R. Voz de Sao Vicente on 3930 kHz. Then, your column came to the rescue. There is was: Phil Dampier's report re reception on 3930 kHz! Your column is an RX for Afro UX." Thanks Stu, but now I've got a question. Most of the reports I see for the Cape Verde station on 7154 indicate that it is Emisora Oficial de Prahia. However, I note your verie from Radio Voz de Sao Vicente lists 7154 kHz! What gives? I have a tape that says "Prahia," and I even had a Portuguese-speaking friend translate the ID for me. Has anyone received a verie for Cape Verde from Prahia on 7154??" nln.

	<b>RADIO VOZ DE S. VICENTE</b> Emisora Unid. Curta CR 4 A C	Selo -82
	Emissores: F. M. — Sintronic - 50 w S. W. — Philips do Brasil 1 Kw Freq. — F. M. - 96 Mhz S. W. - 3.960 KHz Em. modulagem: Contel — S. W. - 10 Kw - 7154 kHz.	<u>STUART PARKER HALL</u>  <u>14931 ROSIE BOULEVARD #34</u>  <u>PANORAMA CITY</u>  <u>CALIFORNIA 91402</u>  <u>U.S.A.</u>
Tel.: 2407 2408	Caixa Postal, 29 S. Vicente - Cabo Verde	

SIX PAGES THIS MONTH

Nick Grollinger asked me to fill in with an extra page this month. No problem from this end. He never seem to have enough space. Here is the news!

ALGERIA

3065 0457 RTVA; FF, nice local strings, military rx w/many drums, 4 pips, ID, 2/10 (Uiner, LA); 0000, FF songs, ID (Hobichaud, NH); 0000, FF, YL rx, only on Israel and Palestine, disco, 1st on I. Bucharest on 1070, 2/20, 2/20 (K. Krist, VA); 2000, CC, world rx, 2/11, ID, welcome by OM to pop rx, into CC 0000 (Harvey, RI)

10215 0000 N. Algiers; CC, ID by OM, "This is N. Algiers," into rx, //to slightly better 40100, 2/20 (Sharp, FL)

## ANGOLA

- 9535 1605 R. Nacional de Angola; PP, mx, ads, Afro tribal mx and pop songs, into "Voice of Namibia" px 1630, 2/15 (Witte, CA); 1710, native mx, 2/11 (Valentine, CA); 2245, nx read by OM about Angola, Tanzania and Namibia, ID by OM, "You are tuned to Radio Nacional de Angola, News and Views English Program," also played pop and reggae mx px (Fisher, MA); 1712, Vern/EE, OM tx and Afro mx, 1730, OM/YL FF ID, YL EE px rundown and nx, 2/14 (Thompson, CA); 2215, FF/EE, SS/PP mx & tx in FF, ID, "Ici a Luanda," w/full ID at 2225 into EE, 2/11 (Harvey, PQ); 2129, FF, DJ w/numerous mx selections, short tx, good clear ID in FF at 2200, 2/11 (D'Angelo, PA)
- 11955 0500 R. Nacional de Angola; PP, tx by PP or Vern OM, hostile mentions of U. S. A., mention of SWAPO, 3/6 (Sharp, FL)

## ASCENSION ISLAND

- 9600 0622 BBC WS; EE, OM proposing new home defense force for Britain, 3/8 (Traver, CA)
- 11860 0745 BBC; discussion of political problems in Zimbabwe--they're changing the history books! 3/8 (Traver, CA)
- 15260 0152 BBC; EE, //G175 which was 1-1/2 seconds delayed from xmtn, WS px's, 2/22 (Hosmer, MI); 2322, EE, book reviews and art px, 2/24 (James, NC)

## BENIN

- 4870 0500 La Voix de la Revolution; FF, ID, OM, mx, tuned out at 0520 (A. Rising, CA); 0530, FF, fading in and out, could never really hear an ID, just afro drums and occasionally what sounded like AA, 1/22 (Moshier, CA)\*\*Very old log, OM, let's keep 'em a bit more current. mln. 2206, FF/Vern, tx by OM, reception erratic lately at my QTH, 2/22 (Sharp, FL)+2

## BURUNDI

- 3300 0305 LV de la Revolution; tent.. w/ OM ID at 0306, indigenous mx and also some pop tunes, OM at 0320, 222, 2/28 (Stu Hall, CA) \*\* Stu, you listed freq as 3000--I presumed you meant 3300. mln. 0432, tent w/ FF, OM nx, no ID noted, heavy co-channel QRM de UTE, but TGNA absent, 2/5 (Parks, FL)

## BOTSWANA

- 4845 0349 R. Botswana; IS until 0358 (cowbells), chickens cackling and cows mooing, NA, EE ID at 0400, OM reading prayer or poetry, Afro pop mx t/out 0446, 1/17 (A. Rising, CA)\*\*Log is very old. No log should be much older than the tenth of the month prior to the deadline date to be included here. Thus, since the deadline for the April column is March 12th, the oldest log in this column should be February 10th. Tnx. mln. 0350, cowbell IS, severe QRM from Colombian on same freq, 3/3 (Sharp, FL)

## CAMEROON

- 4000 0426 R. Bafoussam; FF, IS til 0427, s/on amnt and ID, IS again, OM tx til 0429 and into nx, 2/21 (Hosmer, MI); 0428, FF, IS into NA and s/on by OM, 2/23 (Ray, PA); 0540, EE, pops, hilife mx, tough reception 3/5 (Witte, CA)
- 4850 0454 R. Yaounde; Vern, Afro tribal mx, s/off w/out ID, 2/27 (Mike Moore, TX) \*\*Welcome to column, OM. mln. 0508, EE, pop mx w/OM DJ, 2/13 (Berri, CA); 0530, EE, world and Afro nx, sports, ID at 0536, 3/5 (Thunberg, PA); 2328, on late tonite? nx by OM in FF, s/off 2331, 2/20 (Sharp, FL)
- 5010 0520 R. Garoua; EE, mx and unknown lang until 0530 EE nx. "First time I tune in an African..." (Moshier, CA)\*\*Congrats, OM. They're fun to listen to, eh? mln. \*0533, EE, "Here is the nx," by OM, "This nx bulletin comes to you in the National Svc of R. Cameroon," 0547\*, 2/14 (Krist, VA)
- 9745 1635 R. Cameroon; FF/Afro lang, tribal mx, afro hilife, f/out due to QRM, 2/16 (Witte, CA)

## CAPE VERDE

- 7154 \*0744 Emisoral Oficial; PP, in instantly at 0744 w/PP mx, no amnt until 0800 ID by OM, ascending/decending tones;

nxcast for locals, back to mx w/long anmts til sudden  
0857\*, 2/17 (Stephany, NY)

CENTRAL AFRICAN REPUBLIC

5035 0520 LV de CAR; OM tx to drum beats, brief mx, OM w/ID as  
"Radio Centrafrique-Bangui," considerable fading, 2/25  
(Stu Hall, CA); 2220, FF tx by OM, lcl anmts, 3/6  
(Sharp, FL)

CHAD

A station calling itself Chad National Radio, the Voice of Liberation,  
has been noted on 6009 kHz. The programs appear to be critical of  
Hissene Habre and his government in Ndjamena. Current sked is 1800-  
1830 in FF, 1830-1900 in AA, 1900-1930 in Colloquial Arabic, and 1930-  
2000 in lcl Vernacular. (00CMS)

CONGO

15190 2110 RTVC/Drazzaville; FF/Vern, tx by OM, IO, "Ici la Voix de  
la Revolution Congolaise," lcl mx, great reception, 3/2  
(Sharp, FL); 1905, FF/Vern, IO, nx, comedy routine, 2/11  
(H. Tate, WV); 2000-2300\* (Wood, Witte, Schulsinger)

EGYPT

9027.5 0407 R. Vatan; Farsi?, tx by OM, hostile mentions of Iran and  
the Ayatollah, 3/3 (Sharp, FL)

9475 0200 R. Cairo; EE, station IO, s/on with Egyptian mx, 2/16  
(Gayle VanHorn, TX); 0155, 2/21 (B. Miller, CA); 0205,  
"Questions and Answers," Egyptian mx, 2/24 (Gunter, NC);  
0229-0250, EE (Sanderson, AZ, Forbes, TX)

9805 2120 R. Cairo; EE, Middle East cnty, EZL mx, 2/10 (Thunberg, PA)  
12000 0140 R. Cairo; AA, OM w/IO in EE, YL announces between  
musical numbers and chanting, 2/11 (Sable, NY); 0245,  
EE, OM reading letters, IO as NA Svc of NA, 2/24  
(Carlson, WA); 0213, EE, 2/28 (Howard, MO)

12050 1605 R. Cairo; AA, General AA Svc, speech by Mubarak, then YL  
w/short features and musical selections, 2/18 (Palmer, WA)

ETHIOPIA

9560t 1500 V. Revolutionary Ethiopia; EE, tx by OM, IO, def.  
mention of Ethiopia, deep fades, lousy reception, 2/24  
(Sharp, FL)

GABON

4810 2130 Africa #1; FF, nx by OM and correspondents, U.S. pops,  
2/15 (Thunberg, PA); 0502, nx, disco mx, FF nx by OM (G.  
VanHorn, TX, Sharp, FL); 0550, FF, pop mx, multiple IOs  
by YL, very strong signal (Evans, TN, Worob, TX); 2237,  
FF, wierd px! YL DJ sounded high on something.  
"Sophisticated Lady" played four times during a 20-min  
period w/wierd sounding anmts, 2/22 (Stephany, NY)

11755 0640 AND; FF, mx, tx by OM, then more mx, 2/21 (Miller, CA)

11940 0528 AND; FF, cuckoo clock IS, YL and OM nx and tx,  
electronic mx between items, U.S. "swing" mx,  
westminster 3/4 hour chimes at 0545, 3/3 (Preston, CA);  
1750, FF, pop mx til 1800 IO, world nx, 2/21 (Hosmer,  
MI); 2113, FF, OM tx over Afro tune, drums, sirens, lots  
of noise and excitement, 2/22 (Lucas, CA)+2

15200 0724 AND; FF, popular mx, IO's as "Radio #1" by OM and YL,  
0752, nx by OM, 3/11 (McKeon, IN)

GHANA

4915 0550 GOC-1; EE/Vern, drum IS into EE nx at 0600, IO as "GOC,  
Accra," 3/5 (Rising, CA); 0601, EE, YL w/nx on Ghana,  
into lang at 0614, 2/19 (G. VanHorn, TX); 2019, Afro  
chants and calypso mx, OM in Vern w/IO 3/6 (Sharp, FL);  
2152, nx, GBC IO, choral hymn, NA, 2205\*, 2/14 (Famularo, NJ)

GUINEA

15310t 0406 LV de al Revolution; FF, EE IOs not clear enough for  
intelligibility, same px on 4910, 7125, 9650, later into  
Afro tribal mx, 3/6 (Witte, CA); 1803, FF, nx by OM,  
tent. ID at 1812, into chants, 3/6 (Sharp, FL)

IVORY COAST

4940 0624 R. Abidjan; FF, OM/YL, Afro mx, no IO but many mentions  
of Abidjan, //7215, 3/1 (A. Rising, CA); 2200, FF, tx by  
OM, possible nx, IO as "Ici Abidjan," 3/6 (Sharp, FL)

7215 0644 RTVI; tx by OM, //4940, several IDs, 2/18 (Ulmer, LA);  
2100, FF, EE/FF/SS mx, long OM tx (Famularo, NJ)



## LESOITHO

4800 \*0400 R. Lesotho; Sesotho, s/on w/NA, OM IO and freqs, relig. song and tx, signal getting better this month, 2/21 (Hosmer, MI); 0402, OM w/IO and nx, 2/18 (Sharp, FL)

## LIBERIA

ELBC announced on 2/14 that it could now be heard in all parts of Liberia on a regular basis. The director general said that the nationwide svc was the result of gradual assimilation of technology and hard work since the establishment of ELBC in 1960. It operates from morning until midnight on the shortwave bands. In the daytime, 6090 kHz is used (see below). For evening reception, 3255 is used. (BBCMS)

4765 0728 ELWA; end of sermon by OM, IO, "You are tuned to ELWA," signal began to fade, 2/24 (Sharp, FL)  
 6035 0301 VoA/Monrovia; EE nx, "African Safari," 2/22 (Sampson, WI)  
 6090 0740 ELBC; Vern/EE, OM w/IOs for ELBC many times, ads for pocket-sized radios (\$10), into religion, 2/18 (Witte, CA)\*\*Interesting log, Marge. mln.  
 11715 1735 VoA; PP, 2 OMs discussing what U.S. nrxpapers are saying about the S. Africa situation, 2/6 (Palmer, WA)  
 11915 0748 VoA; FF, OM/YL w/nx in FF, story about Mondale running for president, 3/8 (Traver, CA)  
 15240 0400 VoA; EE, nx, Carter remarks on Israel, 2/11 (Krist, VA)  
 15600 1802 VoA; EE, nx, excerpt from a Bush speech, 2/6 (Palmer, WA) 2232, "Jazz Hour," //17870, 2/17 (Lucas, CA)

## LIBYA

11815 2230 R. Jamahiriya; EE, Western mx, 2232, "Teachings of the Green Book," 2/26 (Tilley, CO); 2235-2235, "Islam and Arab in the West," nx, lcl mx (Harrell, IL, Evans, TN)+8  
 15235 0115 SPLAJBC; AA, YLs rambling on, OM w/IO, 2/24 (Ulmer, LA)

## KENYA

4934 0427 V. Kenya; Vern, long tx by OM w/mention of Nairobi, YL anmt, into Afro mx, 2/10 (S. Harvey, PQ)

## MADAGASCAR

15220 2035 R. Nederland; EE, nx and cmty to "Media Network" at 2047 (Lucas, CA)  
 15560 2033 RN; EE, world nx, report on resignation of Sharon in Israel, 2/11 (S. Harvey, PQ)  
 21480 \*1429 RN; EE, nx, "Newline--the current affairs px," "SW Feedback" px, 2/19 (K. Krist, VA)

## MALI

4783 0555 R. Mali; FF, \*0555 w/native harp IS, NA at 0558, IO by OM 0600, into mx, faded by 0610, 2/23 (Evans, TN)  
 5995 2230 RM; FF, N. African flute mx, IO by OM, 4783 not audible tonite, 2/22 (Sharp, FL)  
 7110 0711 RM; FF, march mx til 0720, IO, tx by OM (nx???) //7271, 2/13 (Hensley, TX)

## MAURITANIA

4845t 0620 R. Mauritania; AA, chants by OM, poss. IO, then tx in AA (news??), 2/19 (G. VanHorn, TX); 0605, AA/FF, string and drum mx, chants, OM relig tx in AA, IO in FF, then nx, 2/19 (M. Witte, CA); 2357, AA, chants by male, IO, TC, NA to 0000:34%, 2/23 (Sharp, FL)

## MOZAMBIQUE

3210 0415 R. Mocambique; PP, OM w/tx between afro + pop mx, 2/13 (J. Berri, CA)  
 3370 0350 RM/Biera Provincial Stn; PP, Afro mx, tx in PP by OM, more mx, more tx by OM, no IO so "tent" 2/10 (Harvey, PQ)  
 9620 1545 RM; PP/EE; Afro hilife mx, nasty het, EE tx, afro and orchestral mx after 1710! 2/17 (M. Witte, CA)  
 15297 0447 RM; PP, OM IO, mention of Maputo, into lcl pops, 3/2 (Sharp, FL)

## NAMIBIA

3270 0046 SWADC/R. SW Africa; Afrik/EE, usual blend of mx, no IO noted until 0100, "You are tuned to the all-nite svc of R. SWA," 3/2 (Sharp, FL)\*\*There is an excellent article on Namibia's Esthoso Game Reserve in the March National Geographic. Sensational photography...mln. 0444, mx and tx px, faded out prior to IO, 3/2 (Manning, TX)+1  
 4965 0505 R. SWA; EE, OM w/world nx from SABC, 2/16 (Hotaling,

NV); 0533, GG, OM tx on Afro countries and development, 3/5 (Witte, CA)

NIGER

5020 0530 ORTN; FF, end of NA, OM s/on anmts, into Koran, 3/6 (Sharp, FL)

NIGERIA

The Nigerian news agency NAN reported on Feb. 16th that a fire at the studios of the FRC in Kaduna had been successfully contained. (DBCHMS)

4770 0510 FRCN/Kaduna; EE, U.S. disco mx, ID, nx of OPEC, 2/26 (Thunberg, PA); 0459, EE, pop mx, IO, "6:00 in Nigeria," by YL, into relig tx, 2/18 (Paul, AZ); 0435, EE, disco mx, YL id and TC, into more mx, 2/23 (Sharp, FL); 0627, nx of Kaduna Int'l Trade Fair, 2/18 (Ulmer, LA)

6090 0720 FRCN/Kaduna; EE, OM w/nx bulletin on Liberia, IO at 0730, 2/22 (J. Berri, CA)\*\*Are you positive this wasn't ELBC, OM?

7255 0459 Voice of Nigeria; EE, relig song, "The Week in Africa," world nx, editorial opinion, 2/13 (Robichaud, ND); 0620, FF, IO during apparent mx px hosted by YL, 2/18 (Ulmer)

11770 1700 VoN; EE, OM, IO and mx, 2/22 (F. Valentine, CA); 1730, OM tx but not very readable, Nigerian nx, 3/5 (Dair, CA) 1735, EE, OM w/world nx, cmtly on nuclear arms. 2/17 (Thompson, CA); 1725, 2/18 (Lucas, CA, Lord, CA)

15120 0732 VoN; EE nx w/IDs, 2/18 (Ulmer, LA); 1450, EE, O-Seas svc to Australia, YL, afro mx, 3/2 (Famularo, NJ); 1800, EE, nx abt Egypt and Sudan, 2/26 (Wettersten, OH); 2155, EE, musical px, 2200\*, 2/15 (Schroeder, WI); 2139, EE, nx, IO, tx about water resources, IO, nx, 2/25 (Spremo, NY)

15185 0735 VoN; EE, nxcast, not //15120, 2/18 (Ulmer, LA)

17800 1804 VoN; EE, IO, cmtly, 2/14 (Hensley, TX)

RUANDA

21600 2145 OM Relay; GG, mx, IO, 2/12 (Hensley, TX)\*\*More details, please...mln.

SENEGAL

4890 2315 R. Senegal; Vern, AA-type chants, OM tx, 3/1 (Famularo, NJ) 0050, FF, OM DJ w/rock mx, ID as "Radio Nationale emittant de Oakar," 0103\*, 2/27 (Parks, FL)

SEYCHELLES

11895 1545 FEBA; EE, bible lesson by OM, mx, IO by YL as "Fee-Bah," heavy QRM de KY01, 2/25 (V. Carlson, WA)

15200 0420 FEBA; EE, nx by OM, followed by discussion px w/mx, "Great Outreach," 0500\*, 2/20 (Ryeder, FL)\*\*Welcome to the column, Redd, sorry again about last month. I hope it is okay to remove my foot from my mouth! mln.

SOMALIA

Radio Mogadishu announced Feb. 9 that external service programs would now be heard on 6095 kHz instead of 6790 kHz. (DBCHMS)

6095 0421 R. Mogadishu; Vern, Koran chants by OM w/IO, nothing noted on 6790, 3/3 (Sharp, FL)

6790 0350 RM; mx at 0352 to about 0358 IO, cmtly by OM next hour, 2/25 (Jones, TX); 0338, 2/22, IO as "R. Mogadishu," first time here for me! (Evans, TN)\*\*Congrats, OM! mln. 0325, OM, tx, brief AA mx, 0331 IO (Famularo, NJ)

SOUTH AFRICA

Here is a summary of what's been hrd: 3230 (0403); 3250 (0345); 4835 (0400-0700); 4880 (0347-0430); 4990 (0300-0430); 7270 (0315-0405); 5980 (0400, \*2100); 9615 (0200-0300); 11730 (0200, 2100); 11900 (2100, \*0157, 1530); 15220 (0528); 15260 (0210); 15325 (0200); 17745 (1845); 25790 (1355-1500).

SWAZILAND

3275 0257 TWR; IS w/OM, "This is TWR, Swaziland," to px of tx and relig, 2/26--also noted 3200 w/diff. px (S. Hall, CA)

4785 0428 TWR; EE, IS and OM w/IO, 0430\* religious px in EE, 2/13 (J. Berri, CA)\*\*Believe freq is 4790. mln.

7295 0359 TWR; GG, chime IS, OM s/on, IO, into relig, 2/19 (Sharp, FL) 0427, GG, 0427, IS & s/off, 2/8 (Worob, TX)

9730 0455 TWR; EE "Back to the Bible," IO by YL at 0500, address

given, began to fade at 0515, 2/22 (Evans, TN); 0455, EE, Y1 ID, relig tx, 2/13 (Ray, PA); 0500, EE, 2/21 (Gunter, NC); 0530, sermon, 353, 3/13 (Munster, GA)

TOGO

3222 2257 RTVT/Lama-Kara; FF/EE, tx by OM in FF, ID at 2300 into brief EC nx, 2304\*, 1/28 (S. Harvey, PQ)\*\*Old log, but interesting nonetheless. EE nxcast! mln.

5047 2304 RT; FF, nx by OM, brief mx, into more OM tx, 2/20 (Sharp, FL); 0556, FF, flute and hiliife mx, weak, 2/18 (Ulmer, LA)

TRANSKEI

9765 0635 Capitol Radio; EE, rock mx, ads for "Breakfast Medicine," nx, EE YL, OM IS QRM at 0729, 2/20 (Witte, CA)\*\*This one is not easy in Chicago. mln.

TUNISIA

7225 0430 RTVT; AA, ID by OM, into chants past 0445, 3/3(Sharp,FL)

UGANDA

5026 2231 R. Uganda; tx by OM, nice afro mx, no positive ID, so label "tent" 3/6 (Sharp, FL)\*\*Rather late for Uganda.mln 0410, EE, YL tx til 0412, accordian mx, time beeps, ID by OM and nx, 2/21 (Hosmer, MI); 0427, Swahili, many mentions of Uganda, 2/25 (Ulmer, LA)

UPPER VOLTA

4814t 0501 RTVV; FF, tx by OM, no ID, only mention of Ouagadougou, positively not AND, 3/6 (Sharp, FL); tent at \*0530 w/balafon IS, NA, s/on ID, afro mx, 2/10 (Famularo, NJ)

ZAIRE

15245 2130 LV du Zaire; FF, first oted 2/28 at 0200 w/poor signals, today w/nice signals, ID as "LV du Zaire," recheck at 0800 revealed this w/353 SID, suspect 24 hour operation, 3/2 (Sharp, FL); 2120, FF, interesting Latin-Afro mx, 2205, ID, nx, interview, 3/4 (Famularo, NJ, Ulmer, LA)

ZAMBIA

The ZDS quoted 2/14 that radio reception had remained poor, despite the commissioning of a 44-million kwacha mass media complex in Lusaka, because there were no new xmtrs. Whereas ZBS now had the most modern and sophisticated equipment, it was not compatible with existing xmtrs. (BBCMS) \*\*See Sharp's comments below...mln.

4911 0410 ZDS/R. Zambia; Vern, excited OM tx, ID as "R. Zambia," mentions of Lusaka, signal strength makes me believe improvements have been made on xmtr, 2/18 (Sharp, FL); 0418, Vern, news of Africa, then Afro mx, 2/19 (G. Van Horn, TX); tent at 0435 w/px in FF, no fish eagle IS hrd, 3/5 (Witte, CA); 0411, ID, 2/8 (Nising, CA); 0440, in EE, "One Zambia, one nation," tx, baby crying, rock/afro mx, tx w/mentions of Zambia in Vern, 1/29 (Moore, TX)

ZIMBABWE

3396 0400 ZBC/Voice of Zimbabwe; EE, YL ID as "This is the Voice of Zimbabwe," lcl TC and nx, QRM de UNIO latin, 3/5 (David Sharp, FL)

ODDS AND ENDS

We close our largest column yet with this little ditty from the March, 1983, issue of GEO. "One out of five countries found itself with a new leader in 1982. Here are the African nations that changed leaders.

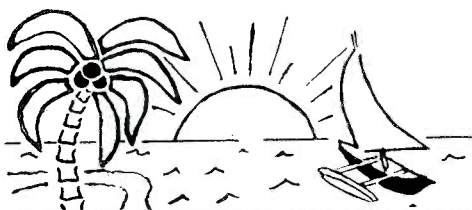
CHAD: Former defense minister Hissen Habre siezed power in June sending President Goukouni Oueddi into exile. COMOROS: Foreign Minister Ali Mroudjae was elevated to the position of prime minister in a cabinet shuffle in March. MAURITIUS: The labor party, which has ruled this island republic since it gained independence 14 years ago, was routed in elections by the Mauritian Militant Movement. HINDU lawyer Aneerood Jugnauth is the new prime minister. SWAZILAND: King Sobhuza II, known as the Lion of Swaziland and rumored to have father 600 children, died in August after 82 years of rule. His successor has still not been named. (Via GEO Magazine). 73 G CUN30. Mike.

# ASIA-OCEANIA

NEW EDITOR!!!

TERRY LINDLEY  
Rt 15 Box 1098  
Birmingham, AL 35224

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



No this isn't Terry Lindley, or even Tom Scott...again this is your publisher John Trautschold coming up with excuses for again not having an Asia/Oceania column in an issue of SPEEDX. We at publishing HQ's are very sorry for the problems that have occurred over the past few months with this column, but it looks now as though they have been taken care of. Beginning with the next issue of SPEEDX, Terry Lindley, our Europe editor will be taking over the A/O section. Terry has been doing an excellent job with Europe, and Rick Drollinger, our Managing Editor, and myself felt that Terry would do equally as well with A/O. Terry had been asking for a new column for a while now, and he patiently waited until this one opened up, and for that we thank him. We know you will support Terry as much as you have supported Tom over the past several years.

We also want to thank Tom Scott for the years of service he's given to SPEEDX, and wish him well with whatever tasks he presents for himself in the future.

Those of you that sent in loggings for this month will have to wait a month to see them in print. Tom sent the loggings on to us but they arrived too late for inclusion in this issue. They are being passed on to Terry for inclusion in next months A/O section. Good luck Terry! (hi)

Naturally, since Terry is moving up to A/O, we need someone to fill in his Europe column. Mark Koukol who has been our Contributors List editor for the past year has accepted that position, again beginning with next months issue. Again, Mark took on the Contributors List as an interim column until a regular logging column opened up, and he too has waited with great patience for that to occur. We thank Mark for that and wish him the best of luck with Europe.

The Contributors List beginning with next months issue will be computerised! As you know, some time ago we at publishing HQs computerised the mailing list which has saved SPEEDX some money with our labels, etc. It has been working quite well, and we are now at the point of implementing stage two of our computerization. This being the contributors list and the contributors file information. Vera Crable has been our Membership Chairman for many many years now, and we have been working at automating that dreary task and we are just about ready. Soon your credit points will be on a computer file, and this too should ease some of the paper work that has been done in the past. We hope it all works out ok! Again, it will take a few months to entirely implement all of this, but the effort should be well worth it.

Finally, I would like to thank all of you who volunteered to do a column, from our requests last month. Rick and I will be going over all of the replies, and you should hear something from us in the future. As more columns begin to open up, we will rely on those responses received in picking out new editors and staffers. Again, thanks for the response, and you will hear from us eventually. However, we aren't always the quickest do to other responsibilities, but we will respond eventually. Thanks again.



# ANARC 1983

Washington Area DX Association  
(WADXA)

Association of North American  
Radio Clubs

606 Forest Glen  
Silver Spring, Maryland 20901

ANARC 1983 CONVENTION

July 15-17, 1983  
Rosslyn Westpark Hotel  
Arlington, Virginia

## PRELIMINARY PROGRAM

### Friday - July 15

9:00 - 5:00PM	Registration
9:00 - 12:00NOON	Exhibit set-up
12:00 - 5:00PM	Equipment and club exhibits and displays
3:30 - 5:00PM	ANARC representatives meeting
5:00 - 5:30PM	Official convention opening
5:30 - 7:00PM	Dinner on your own
7:00 - 9:00PM	Wine and cheese reception

### Saturday - July 16

8:00 - 9:00AM	Registration
9:00 - 10:00AM	Seminar one--PUBLICIZING RADIO LISTENING-- Who should do it and how much should they do? Hear what broadcasters, clubs and equipment manufacturers think
10:15 - 11:00AM	Seminar two--TRENDS IN BROADCASTING, EQUIPMENT AND LISTENING--Find out where the experts think the hobby is headed
11:15 - 12:15PM	Seminar three--COMPUTERS IN THE RADIO HOBBY-- Learn what you need to know about computers and how they can make your listening more interesting
12:15 - 1:30PM	Lunch on your own
1:30 - 2:30PM	Seminar four--CONCURRENT SESSIONS ON LW/MW, FM/TV, PSB/UTE and SW--Free-wheeling dis- cussions of various aspects of the hobby with noted DXers as discussion leaders.
2:45 - 3:45PM	Seminar five--MEET YOUR FAVORITE BROADCASTER-- An informal opportunity to visit, get auto- graphs and take pictures
4:00 - 4:15PM	Presentation of "Review of International Broadcasting" awards
4:15 - 5:30PM	Seminar six--BROADCASTER'S FORUM--A chance to question broadcasters about their stations, their programs or about anything else on your mind
5:30 - 7:00PM	Free time
7:00 - 7:30PM	Cash bar
7:30PM	Annual banquet/presentation of ANARC awards

### Sunday - July 17

9:00 - 11:30AM	ANARC annual general meeting
11:30 - 1:00PM	Lunch on your own
1:00 - 1:15PM	Presentation of KAP awards
1:15 - 3:30PM	HAP auction
3:30PM	Closing ceremonies

OFFICIAL REGISTRATION FORM for the 1983 ANARC CONVENTION, to be held July 15-16-17 at the Rosslyn Westpark Hotel, 1900 N. Ft. Myer Dr., Arlington, VA



# ANARC 1983

Washington Area DX Association  
(WADXA)

Association of North American  
Radio Clubs

606 Forest Glen  
Silver Spring, Maryland 20901

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

Date arriving in Washington: \_\_\_\_\_

Date leaving Washington: \_\_\_\_\_ Telephones/home & work \_\_\_\_\_

### HOTEL ACCOMMODATION

\_\_\_\_\_ Single room for one person (your room deposit is \$45.00).

\_\_\_\_\_ I have arranged to share a room with the following person(s):

1. \_\_\_\_\_ 2. \_\_\_\_\_

Your room deposit is \$22.50 if sharing with one person, \$17.00 if sharing with two persons; be sure each roommate sends a registration form, room deposit, and convention fee - this may be done separately or in the same envelope. Room cost for three people is \$51.00, \$6.00 for an additional cot in the same room.

\_\_\_\_\_ I would like the convention committee to arrange roommates for me.

Your room deposit is \$45.00, although your nightly room cost may be lower; in that case, the remainder will be credited to your second night's stay. We anticipate no difficulties in finding roommates; however, no guarantees can be made.

\_\_\_\_\_ I require special accommodations (such as a suite or extra room, etc.).

In this case, please make your own reservations with the Rosslyn Westpark Hotel, telephone toll-free 800-528-1234. Be sure to mention to the hotel you are attending the WADXA/ANARC 1983 Convention. Send no room deposit to WADXA, but do send this registration form and convention fee(s).

\_\_\_\_\_ I am attending the convention but not staying at the Rosslyn Westpark Hotel.

Send registration form and convention fee only.

**CONVENTION FEE:** \$30.00 per person, to be sent with this registration form and room deposit. The \$30.00 includes the Saturday evening banquet and all convention activities. Please ensure that you have filled in all parts of this form, and have enclosed your payment. Reserved hotel accommodations will be arranged on a first come, first served basis, so send in your registration form as early as possible to avoid disappointment. No refunds available after July 1. If you must change your hotel reservations--do not call Rosslyn Westpark--call WADXA at 301-593-4411.

See you at ANARC 1983!

Payment should be made by check or money order in U.S. Funds, payable to WADXA/ANARC 1983 Convention. If you live outside the United States, use some form of international money order, available at your bank or post office.

Room deposit \$ \_\_\_\_\_

Convention fee \$ \_\_\_\_\_



TOTAL \$ \_\_\_\_\_

**SPECIAL NOTICE:** All registrations postmarked by June 1 will be placed in a drawing for a record set of Canadian music (donated to this convention by RCI) and awarded to lucky registrants at the convention. So get this form and money in to WADXA pronto!


How did you first hear about the convention?

What DX clubs are you a member of?

Oceania



POLYNESIE FRANÇAISE BP 125 PAPEETE

**Tahiti** 

**FREQUENCES**

740 KHZ	20KW
6135 KHZ	4 KW
9750 KHZ	4 KW
11825 KHZ	20KW
15 170 KHZ	20KW

South America



**RADIO SRS**

**SOUTH AMERICA**

# UTILITY SCENE

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

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.....

Hello Gang... New Publication "GENERAL FREQUENCY & CALL SIGN LIST"(G)

by Joerg Klingenfuss, a well known European utility monitor and publisher.... ALL English text, plain soft cover, 126 pages, 8.25 x 11.75 inches in size..... Contents:

- 1) Stations in frequency order (3 to 27 MHz)... 2) Abbreviations List
- 3) Stations in order by Callsign (alphabetical)... 4) List of callsigns/ID/freqs, without fully known data.... 5) Commercial Aero freq/area list.... 6) Maritime Mobile by freq/band allocations.... 7) alphabetical List of Int'l Callsigns... 8) ITU Regulations Article 25- RR2255-2154... (defines xmsn types, usage)... 9) 3-word/d Maps showing, VOLMET, MVARA & RBARA aero areas.... The GFCSL is similar to the Gifer CFT, but with a broader coverage - voice, CW, RTTY & Fax .... Not quite as extensive, (freq coverage) as the CFL, but its European slant contains data on stations not reported in the CFL.... Overall, an excellent well balanced publication. Anyone who has the CFL should acquire the GFCSL, as it complements, cross references & presents other essential information. With both, the active ute will have a 1st class reference library. Price (including Airmail delivery) - 40.00 Deutsche Marks (via Int'l money order in the equivalent amount) Mail to:

Mr. Joerg Klingenfuss  
Panoramastrasse 81  
Hagelloch  
D-7400 Tuebingen 7  
Federal Republic of Germany

North American utes, see the last ute page for late breaking information on availability of Mr. Klingenfuss's publications!!!

New Publication "GUIDE TO RTTY FREQUENCIES" by Oliver Ferrell of Gilfer Associates. (reviewed pre-production copy, no covers & unbound) 192 pages, 6x9 inches size (same as CFL)... Revised and greatly expanded update of Gilfer's previous RTTY book. Contains... 1) Guide to RTTY Signals... 2) RTTY stations, by freq (4-27 MHz)... 3) RTTY Callsign List (alphabetical by call)... 4) Z Code... 5) Guide to Russian Cyrillic... 6) Abbreviations List.... The Gilfer RTTY guidebook is a first rate publication, and a must reference book for the avid RTTY monitor.... Price: \$9.95 (US, Canada & Mexico) or \$12.00 via UPS \$14.00 - Airmail outside of North America

Should be available as of April 83.... Address:

DEADLINE:  
12th Day of  
the Month

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..

6506.4 U 2346 NYOB- CGC CAPE HENLOPEN wkg CG Boston (GRW-OH)  
6506.4 U 0811 NBVG- CGC UNIMAK wkg CG Miami (LK-NY)  
6506.4 U 0636 WDF- NOAA TOWNSEND CROWELL wkg CG San Fran. (LK-NY)  
6506.4 U 0456 NRKN- CGC BEAR wkg CG San Francisco (LK-NY)  
6521.9 U 1255 NXAG- USS IWO JIMA wkg Charleston TX (JDM-WN)  
6780 L 1427 PJAЕ- VOLLENDAM c/g WOO (RMS-NY)  
8241.5 U 2326 NRQH- CGC SWETGEM wkg CG Portsmouth (TES-CA)  
8241.5 U 0010 WVPV- NOAA ALBATROSS 4 wkg CG Portsmouth (TES-CA)  
8291.1 U 2102 KPFC- SANTA LUCIA wkg WRV-364 (RMS-NY)  
8358a C 0348 LOAI- ALMIBANTE IRIZAR (ARGN Navy) c/g LPD (RMA-IA)  
8386a C 0237 TYVB- (name unkn) c/g IUR RIjeka MARCO (RMA-IA)  
8765.4 U 1415 NYVB- CGC CAPE STARR wkg CG Portsmouth (JDM-WN)  
8796.4 U 1517 m/v GULF MAJESTY p/p via WOO (JDM-WN)  
8811.9 U 1320 m/v PACIFIC CRUISER p/p via WOM (JDM-WN)  
8984 U 0831 KITO- EXXON JAMESTOWN wkg unid USCG cutter-a/c (CCP-CO)  
12333.1 U 2042 m/v PHILLIPS ENTERPRISE c/g Berne MARCO (RMS-NY)  
12336 U 0009 3FED- (name unkn) c/g Barraquilla MARCO (JRJ-MS)  
12361 U 1926 KFXY- AMERICAN ARGOSY wkg WOO (RMS-NY)  
12429.2 U 1524 WYBI- AMERICAN AQUARIUS wkg KWS-643 (JDM-WN)  
13113.2 U 1745 WTES- NOAA SURVEYOR WKG CG Honolulu (HCB-WA)  
14442 U 2229 NNWQYV- USS PARRAGUT p/p via NNWQYU (GRW-OH)  
14467 U 2219 NNWQZV- (name unkn) p/p via NNWQYD (GRW-OH)  
14477 U 2218 NNWQCV- USNS HARKNESS p/p via NNWQSD (GRW-OH)  
14477 U 2235 NNWQCS- USS JESSE L. BROWN p/p via NNWQVIG (GRW-OH)  
14478 U 1950 NNWQCV- USS SAMUEL COMBERS p/p via NNWQVIG (BCW-WA)  
14934 U 1911 NNWQYU- USS SAGINAW p/p via NNWQYKC (GRW-WA)  
16487.9 U 1525 GBEM- ISLAND PRINCESS p/p via WOM (BCW-WA)  
16587.1 U 1950 WAGY- THE COLT LEADER wkg KHT Cedar Rapids (HCB-WA)  
16587.1 U 1822 WSVB- SEKLAND PIONEER c/g WRF (RMS-NY)  
16590.2 U 1934 WESW- MORAMAK SEA wkg KZA-950 (TCH-WD)  
22088 U 1800 WHCH- SANTA MERCEDES wkg KOZ (JEB-CA)

\*\*\*\* AIRCRAFT \*\*\*\*  
3123 U 0716 CG 1454 wkg CG San Francisco (BLA-PA)  
4746 U 0412 Ascot 4502 (RAF) wkg LaJes Awsy (RMS-NY)  
5574 U var. MAC 50500/50203 wkg San Fran Aero (HCB-WA) (JDM-WN)



Gilfer Associates, Inc.  
 P.O. Box 239  
 52 Park Avenue  
 Park Ridge, NJ 07656

\*\*\* USCG Search & Rescue Operation on 20 meter Amateur band....  
 Carl Huffaker (CH-MEX) monitored the vessel QUEEN ANN, adrift and  
 taking water, north of Cuba. Freq was 14,313 kHz USB, SS & EE voice.  
 Between 2000 & 0213 GMT... In on the SAR was: USCG Radio Miami,  
 CG 2111, CGC Unimak, vessel Reliance, COLIG- Cuban CG, HAM stations  
 HR18L, KH6ME, F3BHQ.... Unknown how the SAR worked out.....  
 ....This illustrates that the USCG will work whatever frequency is  
 available to the stricken vessel, to conduct a SAR operation.....

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

AK.: 8828.0 U 0527 Anchorage Aero - VOLMET b/c (JCH-MD)  
 10048 U 0400 Anchorage Aero wkg North West 7 (CCP-CO)  
 11176 U 1710 AKA5- Elmendorf Aways wkg Kilo Hotel 408 (CCP-CO)  
 BER.: 12709 C 2025 VFT- C&W Hamilton - V mkr (JEB-CA)  
 U var. VGS- Halifax CGR - NTW/NTS b/c (RMS-NY) (ML-ME)  
 3288 C 0630 CKN- CANMIL Vancouver - NANS b/c (JEB-CA)  
 6420 C 0624 CFH- CANMIL Halifax - V mkr (RMP-CO)  
 6604 U var. VFG- Gander Aero- VOLMET (RMA-IA) (DKB-VA) (KWK-VA)  
 6753 U 0220 VXA- CANMIL Edmonton - WX b/c (JDM-WN)  
 7335 A var. CHU- Ottawa SFTS - EE/FF (JHD-PA) (KWK-VA)  
 8696 C 0353 CFH- CANMIL Halifax - V mkr (RR-MA)  
 8891 U 0253 VFF- Proflisher Bay Aero wkg 'Alfa Mike' (CC-DE)  
 10051 U var. VFG- Gander Aero- VOLMET (CCP-CO) (JDM-WN)  
 11236 U 2019 CJX- CANMIL St. Johns wkg 6 Mike Delta (JCH-MD)  
 11233 U var. VYA- CANMIL Edmonton wkg a/c 6858/505 (JCH-MD) (HCB)  
 12125 C 0100 CKN- Vancouver CGR. V mkr (HDT-WV)  
 12726 C 2050 CFH- CANMIL Halifax wkg C2FX (JEB-CA)  
 13270 U var. VFG- Gander Aero-VOLMET (HCB-WA) (MH-OH)  
 15035 U 2331 CJX- CANMIL St. Johns - WX (BEG-NY)  
 15920 C 2150 CFH- CANMIL Halifax - NANS mkr (SN-TX)  
 17995 U 1805 CHR- CANMIL Trenton wkg a/c 910 (HCB-WA)  
 22968 C 2251 VAL- Vancouver CGR wkg UHPB (TML-AL)  
 2870 C 0125 XFL- Mazatlan MARCO - CQ mkr (HDT-WV)  
 MEX.: 12829.5 C var. XFM- Manzanillo MARCO - CQ mkr (HDT-WV) (LK-NY) (JDM)  
 2670 U 2870 NWC11- CG Boston- WX/NTM (TES-GA) (RMS-NY) (LK-NY)  
 2670 U 0207 NMY41- CG Humboldt Bay CA- WX/NTM (RH-WO)  
 2670 U 0635 NNY41- CG Shinnecock NY - NTM b/c (TES-GA)  
 2670 U 0236 NNY70- CG Chincoteague VA - NTM b/c (RMS-NY)  
 4993 U 0241 WOM- Ft. Lauderdale MARCO wkg Mardi Gras (RH-WO)  
 5550 U 0751 KEA5- New York Aero wkg American 667 (RMA-IA)

5574 U 1250 EMPRESS 304 wkg Honolulu Aero (JDM-WN)  
 5598 U 0626 SPEDBEIRD 262 wkg New York Aero (RMS-NY)  
 5616 U 0330 AIR PORTUGAL 311 wkg San Juan Aero (JDM-WN)  
 5628 U 1303 CLIPPER 800/NORTHWEST 33 wkg Anchorage Aero (JDM-WN)  
 5649 U 0431 ALITALIA 601 wkg Gander Aero (RAC-VT)  
 5691 U 0036 GERMAN AIR FORCE 1004 wkg '99' (JCH-MD)  
 5696 U var. CG 1485 wkg CG New Orleans (JDM-WN) (CHS-IL) (TES-GA)  
 5696 U var. CG 2111, CG 2112 wkg CG Miami (BCW-VA) (TES-CA)  
 5696 U var. CG 1434, 1422, 1347 wkg MN (JDM-WN) (LK-NY)  
 5696 U 0446 CG 1477 wkg CG New Orleans (CC-DE)  
 5696 U 0238 CG 2123 wkg CG San Francisco (CC-DE)  
 5777 U var. MAC 40616/EASTERN 976 wkg N.Y. Aero (LK-NY) (JDM-WN)  
 5777 U var. BOLIVIAN 0201/CAPITAL 216 wkg San Juan (HCB-WA) (JDM-WN)  
 8843 U var. QUANTAS 1/AMERICAN 160 wkg Honolulu Aero (JP-CA)  
 8903 U 0036 ETH 236 wkg Kano Aero (CC-DE)  
 8984 U var. CG 1483, 1432, 1435, 1468, 2120, 2111, 2115 wkg CG Miami (TES-GA)  
 8984 U 0710 CG 1454 wkg CG San Francisco (BLA-PA)  
 8984 U 2130 CG 1348 wkg CG New Orleans (JDM-WN)  
 8984 U 1925 CG 1434 wkg CG Portsmouth (TES-GA)  
 8993 U var. MAC 00453/80224 wkg MacDill Aways (RMP-CO) (RMS-NY)  
 8993 U 0835 MAC 70165 P/P via Albrook Aways (LK-NY)  
 8997 U 0733 XRAY DELTA 01 wkg Christchurch (BLA-PA)  
 11176 U var. MAC 50258/70507 wkg Albrook Aways (JDM-WN)  
 11179 U 1805 MAC 90021 P/P Doyer Metro via Loring Aways (JDM-WN)  
 11179 U var. NAVY 38424/MAC 60147 wkg Hickam Aways (RFP-CO)  
 11182 U 1745 ASCOT 4502 P/P Dallas NAS via Scott (CC-DE)  
 11233 U 1350 CANMIL 505/6338 wkg CANMIL Edmonton (HCB-WA) (JDM-WN)  
 11396 U 1545 KLWI 940 (RNZAF) P/P Andrews Ops via MacDill (BCW-VA)  
 13244 U 1503 CLIPPER 67 wkg Gander Aero (JDM-WN)  
 13291 U 0501 NORTHWEST 9 wkg Tokyo Aero (JCH-MD)  
 13306 U 1516 SPEDBEIRD 192 wkg New York Aero (JDM-WN)  
 13330 U 1510 NOVEMBER 35 BRAVO wkg Universal Houst on LDOC (JDM-WN)  
 13330 U 1512 NOVEMBER 299 WHISKEY wkg LDOC New York (JDM-WN)  
 13354 U 2213 AMERICAN 265 wkg Honolulu Aero (JP-CA)  
 14019 U 2003 CG 2111 wkg HRIEL (Queen Ann distress) (BCW-VA)  
 18019 U var. MAC 40624/70014 wkg Albrook Aways (HCB-WA) (JDM-WN)  
 3133 U 0715 \*\*\*\*\* TACTICAL \*\*\*\*\*  
 4373 U 0715 Ø BRAVO BRAVO c/g L LIMA MIKE for r/c (WF-MS)  
 4428 U 0506 GIANT KILLER wkg CG 1347 (LK-NY)  
 4428 U 0722 GLOBEHOON wkg HARDBALL ALFA with r/c (CD-CA)  
 4430 U 0731 WHISKEY 6 ALFA r/c with ECHO 5 ALFA (CD-CA)  
 4746 U 0307 WISE 31 wkg MacDill Aways (JDM-WN)

USA.: 5692.0 U 0028 NOY9- CGAS Houston TX wkg CG 1426 (JCH-MD)  
 5692 U 0042 NOR- CGAS San Diego CA wkg CG 1431 (JCH-MD)  
 5696 U var. WNN- CG Portsmouth VA wkg CG 1347, NMT- CG Boston wkg CG 2115, NOY26- CGAS Corpus Christi wkg CG 5790, NOZ- CGAS Elizabeth City wkg CG 1471, NMG- CG New Orleans wkg CG 1477, NMG- CG San Francisco wkg CG 1455, (JCH-MD) (BCW-VA)  
 5700 I 0017 AFA3- Andrews AFB MD wkg SAM 86971 (JCH-MD)  
 5917 C 0140 WNN- CG Portsmouth VA CQ mkr (HDT-WV)  
 6347.2 C 0555 KFS- San Francisco MARCO - Marine NX (RWP-CO)  
 6376 C 0607 WCC- Chatham MA MARCO - QSX mkr (RWP-CO)  
 6300.5 U ---- KFH- San Francisco MARCO wkg Polar Star (PAT-CA)  
 6501.5 C 0618 WLO- Mobile AL MARCO - RTTY mkr (RWP-CO)  
 6506.4 U var. WNN- CG Portsmouth - Marine WX (PAT-CA) (BCW-VA)  
 6506.4 U 0505 NMG- CG San Francisco wkg CGC Bear (JCH-MD)  
 6518.8 U 0022 WNN- CG Portsmouth wkg USS Phoenix (MH-OH)  
 6518.8 U 0507 NMA- CG Miami wkg CGC Unimak (JCH-MD)  
 6577 U 0337 KEA5- New York Aero wkg American 2658 (GCP-CO)  
 6604 U var. WSY70- N.Y. VOLMET (JDM-MN) (DKB-MA) (KWK-VA)  
 6701 S 2005 AFRTS Feeder // 15054 KHz (AMR-HOLL)  
 6715 U 0327 Norffett Rescue wkg King 04 (GCP-CO)  
 6925a C 0125 KKN50- USDOS Mash DC - clg KNA27 (MDO-NY)  
 8089.3 C 2314 NAM- Norfolk NAVRAD - WX b/c (NAM-VA)  
 8294.2 U 2105 WKC- St. Petersburg MARCO clg Bayou Bandit (RMS-NY)  
 8666 C var. KJC- Galveston TX MARCO - CQ/QSX mkr (HDT-WV) (TML)  
 8708 C 0351 WLO- Mobile AL MARCO - DE/RTTY mkr (RR-MA)  
 8719.4 C 2330 WPD- Tampa FL MARCO - DE mkr (RMA-FRAN)  
 8796 U 0300 WNN- CG Portsmouth VA - CQ/QSX mkr (JEB-CA)  
 8796 U var. WOO- Oceangate MARCO - t/c List (MH-OH) (JEB-CA)  
 8828 U 0035 KSP70- Oakland Aero - VOLMET (BLJ-TX)  
 9183.5 U 1725 KOC69- FBI (QTH ?) r/c unknown sta (RLR-KS)  
 10051 U 1816 WSY70- New York Aero - VOLMET (KWK-VA)  
 10340 C 0215 WFK50- AP New York - CQ mkr (FSK mode) (HDT-WV)  
 10493 U 1600 WGI903- FEMA Olney MD - net r/c's (MAS-OH)  
 11179 L 1555 AFA3- Andrews AFB MD wkg Air Force 1 (HDT-WV)  
 12925.4 C 1730 WCC- Chatham MA MARCO - DE mkr (RMA-FRAN)  
 12970.7 C 2143 WOE- Lantana FL MARCO - DE mkr (GHS-IL)  
 12997.4 C 1600 WSI- Amagansett NY MARCO - CQ mkr (RMA-FRAN)  
 13011 C var. WNU144- Slidell MARCO - CQ mkr (JDM-MN) (HDT) (GHS)  
 13034 C 1530 WCC- Chatham MA MARCO - DE mkr (RMA-FRAN)  
 13090 C 2120 WCC- Chatham MA MARCO - TLX mkr (GHS-IL)  
 13104 U 1609 KMI- San Francisco MARCO wkg Pacific Princess (JRJ)  
 13113.2 U 1802 NMG- CG San Francisco wkg CGC Cape Corwin (JCH-MD)  
 13354 U 0017 San Francisco Aero wkg MAC 90025 (JCH-MD)  
 14313 U 1826 NMA- CG Miami wkg HrlBEL (Queen Ann distress) (BCW)

4910.0 U 0232 XRAY 33 ALFA clg XRAY 37 ALFA (JRJ-MS)  
 6151 U 1915 OSCAR 6 KIL0 with routine msg's (FAY-CA)  
 6223 U 1406 ALFA ALFA CHARLIE 2 wkg ALFA ALFA CHARLIE YANKEE (RAL)  
 6506.4 U 1253 UNIFORM 6 WHISKEY r/c with CG San Francisco (JDM-MN)  
 6506.4 U 0802 ALFA 4 NOVEMBER wkg CG Honolulu (LK-NY)  
 6683 L 1335 SAM 31682 wkg Andrews AFB MD (RAL-OH)  
 6683 L 0127 SAM 24129 wkg Andrews AFB MD (RAL-OH)  
 6715 U 0410 KING 04 clg JOLLY 89 (COP-CO)  
 6720 U 0402 6 YANKEE TANGO wkg QUEBEC 3 XRAY (CC-DE)  
 6727 U 0254 NAVY LIMA SIERRA 01 p/p SNAKE OPS via Scott (GHS-IL)  
 6738 U 2008 ACTIVIST clg Elmendorf Aways (MDC-NY)  
 6750 U 2030 REPAY 04 wkg Loring Aways (CC-DE)  
 6756 U 0142 RESISTIBLE wkg Andrews AFB MD (MDC-NY)  
 6756 U 1456 ACCIDENT wkg Andrews AFB MD (RAL-OH)  
 6756 U 1916 SAM 12490 wkg Andrews AFB MD (RAL-OH)  
 6873 U 1413 ALFA ALFA DELTA 32 wkg ALFA ALFA DELTA 20 (RAL-OH)  
 6873 U 1407 MOBILE 2 & 3 wkg BASE ALFA (JDM-MN)  
 7346 U 2040 NOVEMBER HOTEL ROMBO 16 wkg N.H.R. 17 (GHS-IL)  
 7525 U var. PATRIOT VESSEL 1925 wkg CAPE RADIO/COPTER 42 (GHS-IL)  
 7527 U 2307 HOME PLATE wkg OMAHA 53 (GHS-IL)  
 8610 U 1933 LIMA CHARLIE 15 r/c CONDOR (GHS-IL)  
 8967 U 0835 SWAN 32 wkg Andersen AFB Guam (COP-CO)  
 8975 U 1356 (RAAF) RESCUE 161 wkg AIR FORCE SYDNEY (JDM-MN)  
 8989 U 2243 HI FL 20 wkg MacDilll Aways (CC-DE)  
 8989 U 1505 SLAM 01 wkg Elmendorf Aways for r/c (CC-DE)  
 8989 U 1426 NOVEMBER CHARLIE 042 wkg McClellan Aways (JDM-MN)  
 8989 U 1426 AIR FORCE ONE r/c with McClellan Aways (JDM-MN)  
 8989 U 0444 NAVY PAPA MIKE 02 p/p MOFFETT NAS via McClellan (RWP)  
 8993 U 2355 ROMBO VICTOR 617 wkg MacDalll Aways (LK-NY)  
 9024 U 1903 EDGY 11 p/p RAYMOND 24 via INSURABLE (GHS-IL)  
 10149 U var. TANGO 87 wkg WHISKEY 93 (MDC-NY) (HDT-WV)  
 10780 U 1500 AGAR 22 wkg CAPE RADIO (RAL-OH)  
 11179 U 2100 SOPHOMORE wkg REMUDA or BERMUDA (RAL-OH)  
 11478 U 0342 SCORPUS 38 wkg Hickam Aways (RWP-CO)  
 11182 U 1940 ENTERPRISE 3 wkg Scott & Loring Aways (KC-MA)  
 11182 U 0202 TAILPIPE ALFA wkg Scott Aways (JDM-MN)  
 11220 U 0117 ERNIE CONTROL wkg TRAIN MAN (MDC-NY)  
 11239 U 0205 KING 83 p/p MINUTEMAN via McClellan Aways (JDM-MN)  
 11239 U 0208 FOXTROT NOVEMBER 296 p/p via McClellan (JDM-MN)  
 11261 U 1355 INDIA 2 UNIFORM wkg SIERRA 5 PAPA (JDM-MN)  
 11267 U 2302 ROMBO 9 XRAY wkg 7 BRAVO DELTA (RMA-IA)  
 11400 U 1936 CHARLIE GOLF ROMBO 749 wkg C.G.R. 745/748 (COP-CO)  
 12255 U 1519 MIKE 56 wkg JULIET 13 CHARLIE (JDM-MN)  
 12258 U 1815 HOTEL 38 DELTA wkg BRAVO 38 DELTA (GHS-IL)  
 12258 U 1824 4 DELTA wkg 5 PAPA (GHS-IL)

USA: 16180 C 2144 NAM- Norfolk NAVRAD - V/MC mkr (SN-TX)  
 17190a C 2205 WCC- Chatham MA MARCO - DE/TLX mkr (SN-TX)  
 17261 U 1840 WOM- Ft. Laud, MARCO wkg Sea Treasure (JRJ-MS)  
 17281 U 1900 WOM- Ft. Laud, MARCO wkg Dr. Daniel (JRJ-MS)  
 19849.2 C var. WPK39- AP New York - QRA/MC mkr (LK-NY) (JEB-CA)  
 (PAC-UK)  
 22457 C 2001 WNU46- Slidell LA MARCO - V mkr (TJY-MD)  
 22611.5 U 2000 NMC- CG San Francisco wkg CGC Polar Star (BLA-PA)  
 \*\*\*\* CENTRAL AMERICA \*\*\*\*  
 BELZL: 11204 U 1944 (RAF) Belize Flight Watch wkg Ascot 4768 (JCH-MD)  
 COST: 13100 C 2110 TIM- Limon MARCO - CQ mkr (GHS-IL)  
 17149.1 C 1525 TIM- Limon MARCO - CQ/QSX mkr (HDT-WV)  
 17157 C 2117 TIM- Limon MARCO - CQ/QSX mkr (TMI-AL)  
 ESAL: 13950 U 0048 YS1HUKE/3- USMILGP p/p via AHF4 Albrook (RLR-KS)  
 GUAT: 13950 L 2052 TMDG3- USMAAG p/p via AHF4 Albrook (CC-DE)  
 HOND: 13930 L 2330 HR1M- USMILGP wkg AHF4 Albrook (RLR-KS)  
 PANA: 8608 C 0500 HFN60- Puerto ArmaLles MARCO - V mkr (JCH-MD)  
 13950 L 1645 AHF4- Albrook AFB wkg AHF5 (RLR-KS)  
 U var. AHF2- Albrook Ays wkg MAC 70478/50279 (BEC-) (JCH)  
 15015 U var. AHF2- Albrook Ays wkg MAC 60507/59644/20500  
 (HCB-WA) (JCH-MD)  
 \*\*\*\* CARIBBEAN \*\*\*\*  
 BARB: 12709 C 2215 SFO- Bridgetown MARCO - DE mkr (GHS-IL)  
 13139 U 2052 SFO- Bridgetown MARCO - t/c List (MH-OH)  
 CUBA: 6435 C 0622 CI-Q- Havana MARCO - QSX mkr (RWP-CO)  
 12748 C 2055 CI-Q- Havana MARCO - CQ/QSX mkr (JEB-CA)  
 17165.6 C 2235 CIA- Havana MARCO - CQ mkr (GHS-IL)  
 25495.5 C 1923 CI-Q- Havana MARCO - V mkr (TJY-MD)  
 8825 U 0503 Grenada Aero wkg a/c Papa 189 (JCH-MD)  
 6470.5 C 0232 GI- Kingston MARCO - CQ mkr (REF-MO)  
 8675.9 C 0626 FUF- FF NAVRAD Ft. de France- V mkr (RWP-CO)  
 8679.2 C 2132 FFP- Ft. de France MARCO - CQ mkr (PAC-UK)  
 12831 C 2100 FFP7- Ft. de France MARCO - CQ mkr (JEB-CA)  
 13031.2 C 2136 FUF- FF NAVRAD Ft. de France - V mkr (GHS-IL)  
 22390 C var. FUF- FF NAVRAD (etc) - V mkr (TJY-MD) (RMA-FRAN)  
 12656 C 2300 PJK- Surcassat NAVRAD - V/QSX/MC mkr (JEB-CA)  
 13042.5 C 2128 FJO- Curacao MARCO - CQ mkr (GHS-IL)  
 P. R.: 2670 U 0313 NWS- CG San Juan - NTM b/c (BMS-NY)  
 5692 U var. NMR26- CGAS Borinquen wkg CG 1438 (CC-DE) (JCH-MD)  
 11987 U 1946 San Juan Aero wkg 510 Papa Charlie (RMS-NY)  
 \*\*\*\* SOUTH AMERICA \*\*\*\*  
 ARGN: 12709 C 0400 LSA5- Boca MARCO - V mkr (JEB-CA)  
 12988.5 C 0105 LPI088- General Pacheco MARCO - V mkr (HDT-WV)  
 25129.1 C 1930 LPD34F- General Pacheco MARCO - V mkr (TJY-MD)

U 1528 INDIA 5 SIEREA wkg DELTA 6 WHISKEY (JDM-WN)  
 U 1756 RESTORE wkg MacDill Ays (JDM-WN)  
 U 1745 OSCAR NOVEMBER 18 wkg Gander Aero (CC-DE)  
 U 1555 TANGO OSCAR CHARLIE c/g SAGEBRUSH (HDT-WV)  
 L 2353 ALFA HOTEL FOXTROT 1 (HOND-USMILGP) z/c AHF4 (RLR-KS)  
 U var. SAM 24129 wkg Andrews AFB MD (BLA-PA) (GRW-OH)  
 L 1510 SAM 24126 wkg Andrews AFB MD (MDC-NY)  
 U 1730 SWING 76 wkg MacDill Ays (MDC-NY)  
 U 2032 SAM 24126 wkg SAM CP via Andrews AFB (JCH-MD)  
 U 2131 SEA LEVEL wkg PANTHER & ATLAS (KC-WA)  
 U 1806 FLINT 14 wkg ATLAS (RWP-CO)  
 U 2210 SHARK 368 p/p via ATLAS (GHS-IL)  
 \*\*\*\* NUMBERS/BEACONS \*\*\*\*  
 3242.0 A -----0609 S/Y 5d Finalx2 (422) 02Mar83 (LK-NY)  
 3435 A 0425----- S/Y ?d (444) 08Feb83 (HDT-WV)  
 3445 A 0615----- S/Y 5d ATT 112-75 (422) 02Mar83 (LK-NY)  
 4670 A 0300-0330 S/Y 4d 334-30C FIN (433) 28Feb83 (LK-NY)  
 4730 A 0403-0620 G/Y 3-2d ENDE (322) 28Feb83 (LK-NY)  
 5135 A -----0639 S/Y 5d Finalx2 (422) 28Feb83 (LK-NY)  
 5430 A 1015-1017 S/Y 5d Finalx2 (333) 02Mar83 (RMA-IA)  
 5747 U 0505-0537 G/Y 5dd MM IS (222) 27Feb83 (RUH-RI)  
 5765 A -----0617 S/Y 5d Finalx2 (422) 28Feb83 (LK-NY)  
 5910 A 0415----- G/Y 3-2d (323) 28Feb83 (RUH-RI)  
 6230 A 0600----- S/Y 3d ATT 227-25 (443) 01Mar83 (LK-NY)  
 6250 A 0723-0730 G/Y 3-2d FIN FIN (212) 21Feb83 (RUH-RI)  
 6496 A -----0703 S/Y none - repeats ATT 497 (533) 27Feb (LK-NY)  
 6507 A 0610----- G/Y 5dd (222) 13Feb83 (RUH-RI)  
 6708 U 0700-0712 G/Y ?d (111) 11Feb83 (RUH-RI)  
 6745 A 0713-0720 S/Y 5d ATT 530-35 (544) 11Feb83 (RUH-RI)  
 6770 A 0700-0707 S/Y 5d ATT 895-47 (533) 28Feb83 (LK-NY)  
 6780 A 0714-0725 S/Y 5d ATT 895-47 (533) 28Feb83 (LK-NY)  
 6845 U -----0411 E/O 5d 909090 (433) 01Mar83 (LK-NY)  
 7320 A 0306-0311 E/O 5d 909090 s/off (544) 16Feb83 (MAS-OH)  
 7404 U 0443-0447 G/Y 5dd ENDE (333) 28Feb83 (RUH-RI)  
 7575 A -----0438 S/O 4d (444) 02Mar83 (LK-NY)  
 7845 A 0630-0640 S/O 5d Finalx2 (533) 28Feb83 (LK-NY)  
 7855 A -----0910 S/Y 5d Finalx2 (543) 23Feb83 (LK-NY)  
 7910 A 0800-0808 S/Y 5d Finalx2 (554) 27Feb83 (LK-NY)  
 8115 A 0500-0509 S/Y 5d Finalx2 (533) 24Feb83 (LK-NY)  
 8173 U 2243 E/? 5d (333) 02Mar83 (MAM-VA)  
 8875 A -----0810 S/Y 5d Finalx2 (544) 27Feb83 (LK-NY)  
 8930 U 2043-2045 E/Y none- repeats C.I.F.2 (345) 06Mar (KC-MA)  
 9265 A 0205 G/Y 5d ENDE (444) 16Feb83 (WJS-ONT)  
 9266 A 0300-0316 E/Y 5d CW"N" (544) 28Feb83 (LK-NY)  
 9325 3 0104-0118 G/Y 5dd ENDE (454) 27Feb83 (RUH-RI)

BRZL: 8502.0 C 0230 PPL- Belém MARCO - V mkr (HDT-WV)  
 8855 U 0646 Belém Aero wkg Argentine 327 in SS (RMS-NY)  
 8855 U 0443 Recife Aero wkg Air France 097 (JCH-MD)  
 8855 U 0442 Rio de Janeiro Aero wkg Lufthansa 502 (JCH-MD)  
 10096 U 0514 Recife Aero wkg Swissair 147 (RMS-NY)  
 12840 C 0015 PFO- Olinda MARCO - DE mkr (RMA-FRAN)  
 13738 C 0045 PPR- EMBRATEL Rio de Janeiro - V mkr (HDT-WV)  
 16984 C 0125 PPR- EMBRAYEL Rio - time signals (HDT-WV)  
 2232.5 C 0125 PPR- EMBRAYEL Rio de Janeiro - V mkr (GLT-NN)  
 CHIL: 8771 C 0730 CGS- Santiago NAVRAD - V mkr (JEB-CA)  
 COLO: 13087 C var. HKB- Barranquilla MARCO-CQ/GSX (TML-AL) (JEB-CA)  
 ECUA: 7600 A 0339 HD210A- SPTS Guayquil - pips/SS/OM ann (DRH-PA)  
 FGUG: 8855 U 0458 Cayenne Aero wkg Paramaribo Aero (JCH-MD)  
 SURI: 6533 U 0512 Paramaribo Aero wkg Varig 60 (JCH-MD)  
 8653 C 0610 PZN3- Paramaribo MARCO - CQ mkr (JEB-CA)  
 URUG: 12730 C var. CWA- Carrizo MARCO - CQ mkr (PAC-UK) (RMA-FRAN)  
 VENE: 6100 A var. YVTO- SPTS Caracas- SS/OM ann (PAC-CA) (JEB-CA)  
 17141.6 C 1030 YVG- La Guaira MARCO - V mkr (HDT-WV)

\*\*\* EUROPE \*\*\*  
 AZOR: 4395 C 2315 CTH- PP NAVRAD Horta - V mkr (RMA-FRAN)  
 4746 U 0417 CUW- Lejes Always wkg Lima Charlie 85 (RMS-NY)  
 5550 U 0747 CSI- Santa Maria Aero wkg a/c 5598 (RMA-IA)  
 12942.2 C 1700 CUG- Sao Miguel MARCO - CQ mkr (RMA-FRAN)  
 13244 U 1838 CUW- Lejes Aways wkg MAC 60168 (AHR-HOLL)  
 BELG: 13066.9 C 1515 OST- Oostende MARCO - V mkr (RMA-FRAN)  
 17017 C 1855 OSTG- Oostende MARCO - V mkr (JEB-CA)  
 CYPR: 11234 U 0109 (RAF) Cyprus Flight Watch wkg Architect (JCH-MD)  
 18459 C 1330 KWS79- USEMB Nicosia - DE mkr (RMA-FRAN)  
 DEN.: 4303.5 C 1845 OXZ- Lyngby MARCO - ? mkr (RMA-FRAN)  
 10390 C 0700 OMS3- PTP Copenhagen wkg TUW-LIVRY (EDK-WI)  
 12916.5 C 2153 OXZG- Lyngby MARCO - V mkr (GHS-IL)  
 13229 C 0222 OVG8- Frederikshaven NAVRAD- GSX mkr (TML-AL)  
 ENG.: 4310 C 1830 GKG- Porthishead MARCO - DE mkr (RMA-FRAN)  
 4722 U var. MTI- Plymouth NAVRAD - ??? (REF-WO)  
 8707 C 0405 KEK- Porthishead MARCO - DE mkr (RR-MA)  
 11234 U 0100 MGF- RAF Upavon wkg Ascot 5580 (JCH-MD)  
 13071.6 C var. GKE- Porthishead MARCO - DE mkr (RMA-FRAN) (GHS-IL)  
 16954 C 2106 GKG6- Porthishead MARCO - DE mkr (JEB-CA)  
 17098.7 C 1400 GKA- Porthishead MARCO - QRJ mkr (RMA-FRAN)  
 17231 C var. GKKQ6- Porthishead MARCO - DE mkr (JEB-CA) (RMA-FRAN)  
 17329 U 1932 GKW62- Porthishead MARCO wkg m/v Bristol (JCH-MD)  
 FIN.: 2182 A 2157 OFH- Mariehamn MARCO - no t/c msg (PAC-UK)  
 FRAN: 4312.5 C 1930 FUG- FF NAVRAD Castelnaudry - ?? (RMA-FRAN)  
 5137.5 C 1630 FDY- FFAF Orleans - V mkr (IK-UK)

9432.2 A -----0453 S/Y 5d Finalx2 (5by5) 15Feb83 (RLR-RS)  
 9433 A 0820-0831 S/Y 5d AT 143-117 (443) 01Mar83 (LK-NY)  
 9465 A -----0813 S/Y 5d Finalx2 (544) 01Mar83 (LK-NY)  
 9972 A 0200-0216 E/Y 5d CW'N" (533) 28Feb83 (LK-NY)  
 10020 A 0635-0645 S/Y 5d (232) 20Feb83 (RUH-RI)  
 11035 A 0600-0630 E/Y 4d 403-10C (322) 01Mar83 (LK-NY)  
 11055 A -----0419 S/Y 5d Finalx2 (433) 01Mar83 (LK-NY)  
 11215 A 0430-0436 E/Y 4d END (322) 01Mar83 (LK-NY)  
 13442 U 1613-1623 E/Y 3-2a (333) 26Feb83 (JDM-WN)

\*\*\* RADIOELECTIVE \*\*\*  
 2691.0 2242 66/425 DHJ85- Gregel Metro FRG - CQ mkr (PAC-UK)  
 3035 1845 66/425n DHJ85- Gregel Metro FRG - WX (RMA-FRAN)  
 3177.6 0015 66/425n AWC- Calcutta Air INDI - DE mkr (AM-UK)  
 3196 2415 66/425n LOMW- Flughafen Vienna. ASTA - WX (AM-UK)  
 3283 2246 66/425 ONY27- Army Rouvroy BELG - FOXS (PAC-UK)  
 3590.3 0005 66/850n REJ68- Novosibirsk Metro USSR - RYS (AM-UK)  
 3672.7 2350 100/850r RIFMCP- Rome NAVRAD ITLY - ID mkr (AM-UK)  
 3693.4 0056 66/425n RFPN85- Sagres NAVRAD PORT- clg GTV (AM-UK)  
 4333 0605 100/170r NOJ- USOC Kodiak AK - WX (JEB-CA)  
 4583 1915 66/425n DDK2- Quickborn Metro FRG- WX (RMA-FRAN)  
 5103 0750 66/850r JMG8- Tokyo Metro JAPAN - WX (JEB-CA)  
 5160 1610 66/425n RIFPAD- IFG Rome ITLY - to RIFAHA (AM-UK)  
 5222 0030 66/425n TYB- ASEBNA Cotonou BENN - WX (AM-UK)  
 5320 0355 66/450r ZVK- Rio de Janeiro Air BRZL- RYS (JEB-CA)  
 5333.5 2100 66/425n DJR- Djibouti Air DJIB - clg ETD (AM-UK)  
 5336 0645 66/850n RFPN-Monsanto NAVRAD FORT- RY/FOXs (BLA-PA)  
 5803.7 2340 66/425n 9C0- Accra Air GHAN - DE mkr (AM-UK)  
 5945 0400 100/425n Belize WX Bureau - RY/FOXs (JEB-CA)  
 6330 0350 100/850r KFH- CANWIL Halifax CAN - WX (JEB-CA)  
 6500.5 0358 ARQ/170 CPH- San Francisco MARCO- t/c to Royal Viking Star (BLA-PA)  
 6504.5 0149 ARQ/170 WOC- Chatham MARCO MA - AP/NX (BLA-PA)  
 6675 1522 66/425n JYF- PETRA Amman JORD - AA/NX (IK-UK)  
 6902.5 0030 66/850n TLO- Bangkok Air CAPE - RYS (AM-UK)  
 6905 0733 ----- IU181- INTERPOL Metro ITLY t/c to FSB (JK-FRG)  
 7377 0200 66/850r JML4- Tokyo Metro JAPAN - WX (JEB-CA)  
 7460 0245 100/450n VOA USA? EE/NX to Africa (EDK-WI)  
 7552 0030 5ST44- Antananarivo Metro MADAG- WX (AM-UK)  
 7584 0340 66/425r 61U73- Dakar Metro SENEG- RYS into WX (JEB-CA)  
 7656.5 0851 ----- SWIS EMB Paris FRAN- t/c to Berne (JK-FRG)  
 7660 0000 66/425n XVI56- Hanoi PTP VIET- clg Bangkok (AM-UK)  
 7755.5 2345 66/850n SUA34- MENA Gairo EGPT - EE/NX (TJY-MD)  
 7798 0318 66/425r 9RA- Luga Air MAIT - WX (TJY-MD)  
 7808.1 0236 132/var.r OBW27- Vienna Air ASTA - WX (BLA-PA)

FRAN:	6421.6	C 1830	FFL- St. Lys MARCO - DE mkr (RMA-FRAN)	8087	1930	66/425r	MKG- RAF London ENG - FOXs (RMA-FRAN)
	8522	C 0307	FFL4- St. Lys MARCO - V/QSX mkr (TWL-AL)	8097.5	2310	66/425r	PL Havana CUBA - EE/NX (JEB-CA)
	10562.2	C 1906	FFL56A - AFP Paris - CQ/QRA mkr (RLR-KS)	8111	1930	66/425n	MKG- RAF London ENG - FOXs (RMA-FRAN)
	13165.9	V 2037	FFL64- St. Lys MARCO - FF/OM/VM (RMS-NY)	8133	1711	66/425	SOL213- PAP Warsaw POL - QRA mkr (PAC-UK)
	13235.5	C 1734	HWN- Paris NAVRAD - V mkr (IK-UK)	8185	0330	FAX	FF188- Paris Metro FRAN - QRA mkr (RMA-IA)
	22509	C 1254	YF19- St. Lys MARCO - CQ mkr (JEB-CA)	8290a	0309	66/170n	UFPA- m/v ALEXEI CUENBERALOV- RYs (JEB-CA)
GDR.:	13375	V 0143	DR159- NATO Wilhelmshaven - exercise (IK-UK)	8298	0330	66/170n	UYGI- m/v GIORDANO BRUNO- RYs to UFN (RMA-IA)
FRG.:	3117	U 0523	DRH95- CANMIL Lahr - Aero WX (JCH-MD)	8346a	0507	66/170n	LFL- m/v name unkn - RYs to UFB2 (RMA-IA)
	13631	V 1920	DRH95- CANMIL Lahr - Aero WX (JCH-MD)	8358a	0300	66/170n	MYE- m/v name unkn - RYs to UFB2 (RMA-IA)
	17144	C var.	DAN- Norddeich MARCO - CQ mkr (RMA-FRAN) (GF-NY)	8931.7	1841	SITOR	MFA- m/v name unkn - RYs to UFB2 (RMA-IA)
	18284.2	C 0450	GTU- Gibraltar NAVRAD - DE mkr (HDT-WV)	89707	0546	FEC	MLO- Mobile MARCO AL - WX (JK-FRG)
GIBR:	12824.2	C 0450	SVB- Athens MARCO - V mkr (RMA-FRAN)	9273	0335	66/850r	JTC20- Tokyo Metro JAPAN - WX (JEB-CA)
GREE:	17193.8	C 1315	PCH- Scheveningen MARCO - DE mkr (RMA-FRAN)	9298	0310	66/450r	ZVK- Rio de Janeiro Air BRZL- RYs (JEB-CA)
HOLL:	4250	C 1830	PCH- Scheveningen MARCO - DE mkr (RMA-FRAN)	9349	0320	66/425n	GTC29B- AP London ENG- EE/NX (TJY-MD)
	17007	C var.	PCH61- Scheveningen MARCO- CQ/QSX (TWL-AL) (JEB-CA)	9395	1800	66/425r	HKM21- KONA Pyonyang NOKO- RYs (JEB-CA)
EIRE:	5598	U var.	Shanwick Aero wkg AeroFlot 348/TWA840 (JCH-MD)	9395	1800	66/425r	HKM21- KONA Pyonyang NOKO- RYs (JEB-CA)
	5640	U var.	EIP- Shannon Aero- VOLMET (JCH-MD) (RMA-LA)	9832	1815	66/850r	?? Hanoi VIET - RR/NX to Moscow (JEB-CA)
	5649	U 0452	Shanwick Aero wkg Sabina 548 (JCH-MD)	9846	0020	66/425n	TUH- ASEONA Abidjan IVRY- t/c to SUC (AK-UK)
	13264	U var.	EIP- Shannon Aero - VOLMET (IK-UK) (JDP-WN)	9848	2300	66/425n	TUH- ASEONA Abidjan IVRY- RYs (TJY-MD)
ITLY:	8669.9	C 0451	IAR8- Rome PT MARCO - V mkr (JCH-MD)	9855	0350	100/425n	VOA Tangier MROC - EE/NX (JEB-CA)
	8685	C 0442	IRM6- CIRM Pome - V mkr (JCH-MD)	9916	0612	66/850n	ZRH- Cape NAVRAD SOAF - RY/FOXs (EDK-MI)
	12975	C 2040	IQX- Trieste MARCO - V mkr (JEB-CA)	9994	0127	66/850n	CSY65- Santa Maria Air AZOR- WX (TJY-MD)
	13015.3	C 1530	IAR- Rome PT MARCO - V mkr (RMA-FRAN)	10137	0248	66/850n	TNL97- Brazzaville Metro CONG - RYs (BLA-PA)
	16004	C var.	IDR6- Rome NAVRAD - V mkr (JEB-CA) (SN-TX)	10215	0228	66/425r	HZN48- Jeddah Metro SAUD- WX (TJY-MD)
	2376	C 1934	IAR62- Rome MARCO - V mkr (JEB-CA)	10220	0625	FAX	RDW76- Khabarovsk Metro USSR- (JEB-CA)
NOR.:	3117	U 2252	JWT- NATO Stavanger - wkg MKL (IK-UK)	10295	0814	66/170n	FB571- INTERPOL Paris FRAN- bullifens (AM-UK)
	11453.9	C 1800	IBA- Stavanger NAVRAD - V mkr (RMA-FRAN)	10407.5	0015	66/425n	6VY56- Dakar Air SENE - RYs (TJY-MD)
	12962	C 1650	LCB- Rogaland MARCO - DE mkr (RMA-FRAN)	10408	1740	66/850n	9VF63- ANSA Singapore - EE/NX (JEB-CA)
	22425	C 1925	LCG- Rogaland MARCO - CQ/QSX mkr (JEB-CA)	10483	0420	66/425r	CNO- Casablanca Air MROC - RYs (JEB-CA)
POL.:	10084	C 1924	SPH- Gdynia MARCO - QSX mkr (IK-UK)	10880	0100	100/425n	TASS - EE/NX (TJY-MD) USSR
PORT:	12944	C 2340	MKI- Lisbon MARCO - DE mkr (RMA-FRAN)	10426.2	0037	100/850r	NGD- Mohuro Sta ANTA - c/g ZLK (AM-UK)
SCOT:	3117	U 2203	MKI- RAF Pitreavie Castle wkg Alfa 8 Echo (IK-UK)	11063	0810	66/425r	LZU2- Sofia Air BUL- WX (RMA-FRAN)
SPAN:	7926	C 0004	EGC- Cadiz NAVRAD - WX b/c (JK-FRG)	11070.3	0003	66/850r	LOR- Puerto Belgrano NAVRAD ARGN- mgs (AM-UK)
	8618	C 0456	ED24- Aranjuez MARCO - V mkr (JCH-MD)	11230	1750	66/425r	HWR56- KONA Pyonyang NOKO- RYs (JEB-CA)
	12887.5	C 0055	EAD44- Aranjuez MARCO - CQ mkr (HDT-WV)	11427.7	0800	66/425n	6VX62- Dakar Air SENE - WX (JEB-CA)
	13052	C 1515	EBA- Madrid NAVRAD - V mkr (RMA-FRAN)	11435	0100	66/425n	CYK- Montevideo Air URGY- WX to Rio (AM-UK)
	4262	C 1815	SAG- Goteborg MARCO - DE mkr (RMA-FRAN)	11525	0130	66/425n	LZ1- BTA Sofia BUL - QRA mkr (RMA-FRAN)
	8499	C 0427	SAG2- Goteborg MARCO - CQ mkr (RR-WA)	11575.6	0750	66/425r	VNA25- VNA Hanoi VIET- EE/NX (JEB-CA)
	4259.5	C 1800	HEB- Berne MARCO - DE mkr (RMA-FRAN)	11638	0745	66/425r	DKR8- Quickborn Metro FRG- WX (RMA-FRAN)
	6526	U 0522	Berne Aero wkg TWA 740 (JCH-MD)	11694a	1320	66/425n	CLN8329- PTF Havana CUBA - RY/FOXs (RMA-IA)
	6395	C 0238	TBA2/3- Izmir NAVRAD - ??? (RFB-MO)	12223	0020	100/425n	HR082- USIA Geneva SWIS- c/g Wash DC (TJY-MD)
TURK:	11176	U 0038	AJ09- Incirlik Avys wkg MAC 60204 (JCH-MD)	12280	0740	66/425n	CLN369- PL Havana CUBA - RY/FOXs (JEB-CA)
	17021.5	C 0140	TAH- Istanbul MARCO - CQ mkr (GLT-WV)	12523	0325	66/170n	UTDI- m/v name unkn - t/c to UTY (JEB-CA)
USSR:	3015	A 0040	Krasnodar Metro - RR WX b/c (IK-UK)	13083.4	2339	FEC/170	MLO- Mobile MARCO AL- WX (BLA-PA)
	3015	A 0056	Baku Metro RR WX b/c (IK-UK)	13084.9	1836	ARG/170	GXP- Portlisshead MARCO ENG- wkg GYAW (BLA-PA)

USSR:	10090.0	U var.	Moscow VOLMET - EE/YL (JK-FRG) (RLR-KS)	13091	0728	FBC	URD - Leningrad MARCO USSR - RR/NX (JK-FRG)
	11319	U 1336	Sverdlovsk VOLMET - RR/YL (JDM-WN)	13487.5	2056	66/425n	ISX35- ANSA Rome ITLY - IT/NX (TJY-MD)
	11319	U 1425	Salekhard VOLMET - RR/YL (JDM-WN)	13512	0340	66/425n	HMS61- KONA Pyongyang NOKO - EE/NX (JEB-CA)
	12693	C 2320	URD - Leningrad MARCO - DE/QSX mkr (LK-NY)	13530	0340	66/850r	RWV53- Moscow Metro USSR - WX (JEB-CA)
	17152	C 1340	URL - Sevastopol MARCO - RR/NX (RMA-FRAN)	13538	1830	66/170r	DBX3- ?? GDR - CG/NX (TJY-MD)
			**** AFRICA/MIDDLE EAST ****	13566	2135	100/850n	NLX- USN Sabana Seca P.R. - FOAs (JEB-CA)
ALGE:	8437	C 0405	7TA6- Algiers MARCO - CQ mkr (LK-NY)	13587.5	2340	66/425r	NGD- McMurdo Sta ANTA - clg FYJ3 (AM-UK)
	8894	U 0103	Algiers Aero wkg KLM 578 (JCH-MD)	13653	0935	66/425r	SUA50- MENA Cairo EGYPT- QRA mkr (PAC-UK)
ANGO:	8566.3	C 0215	D3E51- Luanda MARCO - CQ mkr (GLT-NM)	13665	0335	66/425n	VUW73- Dakar Metro SENB- RYS (JEB-CA)
	8903	U 0104	Luanda Aero wkg Cubana 1491 (JCH-MD)	13842.3	var.	100/850n	KRH51- USEMB London ENG- FOAs (BLA-PA) (AM-UK)
	12780	C var.	D3E61- Luanda MARCO - CQ/QSX (LK-NY) (RMA-FRAN)	13872	2355	66/170n	SMT299- MFA Warsaw POL- coded lfc (AM-UK)
	22331	C 1240	D3E61- Luanda MARCO - CQ mkr (RMA-FRAN)	13963	0305	66/850r	JMT3- Tokyo Metro JPN- WX (JEB-CA)
ASON:	8993	U 0222	AFD14- Ascension Ays wkg Ascot 4416 (CC-DE)	14392	2112	66/425r	KAC- Woods Hole MA (NOAA) WX (JEB-CA)
	15015	U var.	AFD14- Ascension Ays wkg MAC 60203/50218 (JCH-MD)	14568	2220	66/425n	HML61- KONA Pyongyang NOKO - EE/NX (JEB-CA)
BRAN:	17175.5	C 1230	AKM- Manama MARCO - CQ mkr (RMA-FRAN)	14612	2210	66/425r	YBU- unknown - RYS into 5 ltr lfc (JEB-CA)
	17201	C 1726	AKM- Manama MARCO - DE mkr (PAC-UK)	14630	1845	66/170r	SUC41- MENA Cairo EGYPT- EE/NX (TJY-MD)
CONG:	8903	U 0447	Brazzaville Aero - wkg Saudi 8804 (JCH-MD)	14719	0310	66/425r	JAN24- KYODO Tokyo JPN- EE/NX (JEB-CA)
	10057	U 0907	Brazzaville Aero - FF VOLMET (IK-UK)	14818	1715	66/425r	CLP25- EMBACUGA Maputo ANGO- coded msgs (AM-UK)
DJIB:	8682	C 0429	Z2Z8- Djibouti MARCO - CQ/QSX mkr (UK-NY)	14923	0145	66/425r	BAP44- XINHUA Beijing PRC- QRA mkr (JEB-CA)
	13042.3	C 1515	FUV- FF NAVRAD Djibouti - DE mkr (RMA-FRAN)	15684	1303	SI TOR	FBZ- INTERPOL Paris FRAN- msgs (JK-FRG)
EGPT:	8578	C 2328	SUH3- Alexandria MARCO - CQ/QRU mkr (LK-NY)	15905	0130	66/850n	RUZU- Moldezhnaya Base ANTA- RR tfc (JEB-CA)
	11300	U 0024	Cairo Aero wkg Speedbird 54 (JCH-MD)	15908	2125	66/425n	WEY35- APP Ft. de France MART- FF/NX (TJY-MD)
ETHO:	11300	U 0053	Addis Ababa Aero wkg Air France 462 (JCH-MD)	16106.5	2030	66/425r	FZG61- APP Ft. de France MART- FF/NX (TJY-MD)
GHAN:	8903	U 0451	Accra Aero wkg UTA 03 (JCH-MD)	16183	0125	66/425n	FP98/H1- APP Paris FRAN- SS/NX (JEB-CA)
ISRL:	6242	C 1900	LYZ- Haifa NAVRAD - DE mkr (RMA-FRAN)	16343	1300	66/425	YZT4- TANJUG Belgrade YUGO - EE/NX (PAC-UK)
	13051.5	C var.	LYZ- Haifa MARCO - CQ/QSX (RMA-FRAN) (HDT-WV)	16349	16349	66/850n	CLP5- EMBACUGA Algiers ALGE- tfc/Havana (AM-UK)
KEN:	11300	U 2358	Nairobi Aero wkg Speedbird 931 (HGB-WA)	16359	1715	66/425r	BAK66- XINHUA Beijing PRC- SS/NX (JEB-CA) (TJY-MD)
LIB:	4886	C 0330	KKN44- USMB Monrovia - QRA/QSX mkr (JEB-CA)	16412	var.	100/425	WBR70- Miami Metro USA- WX (PAC-UK)
	11474	C var.	KKN44- USEMB Monrovia - QRA/QSX (RMA-FRAN) (LK-NY)	16440	1722	66/425r	GLN565- Havana PTP CUBA - clg ZR077 (JEB-CA)
LYB:	11300	U 0033	Tripoli Aero wkg Khartoum Aero (JCH-MD)	17369	1750	66/425n	Y7136- MFA Berlin GDR- GG/NX (JEB-CA)
MAD:	10057	A 0325	Antananarivo Aero - FF VOLMET (JDM-WN)	17453	2225	66/425n	ZMK7- Rio de Janeiro Air- WX (TJY-MD)
NIG:	8894	U 0056	Niamey Aero wkg Aeroflot 426 (JCH-MD)	18188.5	1945	66/850r	MAL- SSEMB Malabo GUIA - clg MAN Madrid (AM-UK)
	8903	U var.	Kano Aero wkg Aeroflot 4178/616 (JCH-MD) (CC-DE)	18205	0802	66/425n	F7S78- Paris DIPLO FRAN- FF/NX (JEB-CA)
SAUD:	8927	U 0510	Jeddah IDOC wkg Saudi 8807 (JCH-MD)	18785.2	1630	66/425r	SUNA Khartoum SUDN- EE/NX (RMA-FRAN)
	7553.8	U 0728	6VA- TELESENGEL Dakar- FF/YL/VN (RTH-RI)	18899.7	0817	66/425r	PAKI Emb Jeddah SAUD- tfc New Delhi (AM-UK)
SENB:	8861	C 0410	Dakar Aero wkg Amoroc 242 (JCH-MD)	18985	0815	66/425n	OLD2- CETEREA Prague CZEK - EE/NX (RMA-FRAN)
	8994	C 0410	6WW- FF NAVRAD Dakar - V mkr (RR-WA)	18992.7	0815	66/425r	ASP32- MFA Islamabad PAKI - tfc Beirut (AM-UK)
	11421.5	L 0707	6FK311- TELESENGEL Dakar- FF/YL/VN (GHS-IL)	19058.5	0815	66/425n	MKD- RAF Akrotiri CYPH- FOAs (RMA-FRAN)
	11291	U 0044	Dakar Aero wkg Ascot 4122 (JCH-MD)	19332.5	1623	ARQ/170	LBLI- NOR UNF LEB- msgs (BLA-PA)
	13409	C 2109	6WW- FF NAVRAD Dakar - V mkr (TJY-MD)	19405	1050	66/170r	FSB63- INTERPOL Paris FRAN- tfc Nicosia (AM-UK)
	16951.5	C 0200	6WW- FF NAVRAD Dakar - V mkr (GLT-NM)	19420	1040	66/425r	ZB094- UPI Hong Kong - EE/NX (AM-UK)
SOAF:	8405	C 0452	ZRQ4- Cape NAVRAD Simonstown - V mkr (JEB-CA)	19717	2100	66/425n	FP98/H3- APP Paris FRAN- QRA mkr (JEB-CA)
	8605	C 0503	ZRH4- Cape NAVRAD Fisantekraal - V mkr (JCH-MD)	19742	0800	100/425n	4UN- UN Jerusalem ISRL- RYS (AM-UK)
	8933	U 0101	Springbok LDCC Johannesburg wkg Springbok 250 (JCH)	19830.1	1540	66/425r	RWV76- TASS Moscow USSR- FF/NX (BLA-PA)
	12947.3	C 2145	ZRH- Cape NAVRAD Fisantekraal - V mkr (GHS-IL)	20317	1940	66/425n	FZG3- APP Ft. de France MART- SS/NX (JEB-CA)

20327.2 1645 66/425r 6VK221-TELESNECAL Dekar - testing (AM-UK)  
 20350 100/850r NBA- ENCA Balboa PANA- RYS (JEB-CA)  
 20734.6 1240 66/425n GLP6- ENCAQUEA Aden Y-DR- msg relay (AM-UK)  
 20844.5 1931 66/327r MFA Havana. CUBA- coded t/c Congo (CD-CA)  
 20961 2055 100/850r AGA80L- MARS Clark AFB PHIL- msgs (JEB-CA)  
 20997.5 1635 100/425n CZEB EMB Lagos NIGR- t/c Prague (AM-UK)  
 22227 0115 66/170r UFB- Odessa MARCO USSR- wkg LYLN (JEB-CA)  
 22315.2 1915 100/850r FUF- FF NAVRAD Ft. de France MART- RYS (TYJ-MD)  
 22578 1920 AR6/170 GKP7- FortLishead MARCO ENG- msgs (BLA-PA)  
 23459.8 1345 66/425r Y7A58- MFA Berlin GDR- QRA mkr (RMA-FRAN)  
 23460 1900 66/425r Y7A88- MFA Berlin GDR- RYS (BLA-PA)  
 23716.7 var. 66/425n WFG83- AFP N.Y. - SS/NX (MAM-VA) (JEB-CA) (TYJ-MD)  
 24069.8 0750 66/170r FSB64- INTERPOL Paris FRAN- t/c Rome (AM-UK)

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

Very heavy input this month. List QSLs in space remaining. Will hold ALL unused QSLs for next issue.....

SHIPS: (all HH-MD) - LGIT- CREDO.... GMUJ- IEN MAJID.... GYHM- BROWNING... D59C- SEDCO BP471... 3PZC- THORNHAVEN... KPH3- THOMPSON LYKES... WZJA- GENIEVIE LYKES... HO9732- J. RAY McDERMOTT #7... COFM- SERVIA... GJDL- LA PALDA... 9MT1- BUNGA ANGSAANA... GUUS- HMS BROADSWORD... LHRW- ADMIRAL CABRAL... LPSA- SACAFJORD... GURA- ARMORE... WVES- ENERGY SEAROTHER... GTOS- REYNOLDS... WXD6134- CATAMAR 3.... (HH-MD) G3TT- QUEEN ELIZABETH 2 - PFC, Itr r 58d for MS - 4094 kHz (RMS-NY) MVVF- NOAA ALBATROSS 4- PFC 10d MS 6200 kHz (RMS-NY) NAAO- CGC GLACIER- postcard 27hd for MS 5906.4 kHz (GRW-OH) CGC POINT MARTIN- PFC in 9d for MS 2670 kHz (TES-GA) NRTF- CGC ACTIVE- PFC in 8d for MS 6200 kHz (RMS-NY) NMAC- CGC HAMILTON- PFC, Itr in 16d for MS 6200 kHz (RMS-NY) KNBD- NOAA DELAWARE 2- PFC in 9d for MS 6200 kHz (RMS-NY) NRQM- CGC SWEETGUM- PFC, Itr in 15d for MS 6518.8 kHz (RMS-NY) LAPJ- NORDIC PRINCE- PFC in 50d for MS 8222.9 kHz (RMS-NY) KEAG- EXXON CHESTER- PFC, Pic in 32d for MS-16587.1 kHz (RMS-NY) KEAL- NEW JERSEY SUN- PFC in 16d for MS - 16587.1 kHz (RMS-NY) KEAH- EXXON BANGOR- PFC in 18d for MS 16587.1 kHz (RMS-NY) WLDT- PRESIDENT TAFT- PFC in 70d for MS 22124 kHz (RMS-NY) AIRCRAFT:

CG 1494 - PFC in 13d for SASE 5696 kHz (no name)  
 CG 1434 - PFC in 14d for MS 5696 kHz (RMS-NY)  
 TROUT 98 - PFC in 19d for MS 15015 kHz (MDC-NY)

.... Dropped sections, UNIDENTIFIED and VLF/LW/MW this month. Lack of column space forced me to trash 270 loggings.

.... 2nd installment for the SRGU went off to HQ in early March. Has a total of 94 pages; US Coast Guard-80, SLHFB Report-14. Ready May???

ZSC- Capetown MARCO - t/c list (MH-OH)  
 U 0429 Khartoum Aero wkg Alitalia 822 (JCH-MD)  
 U 0237 Aden Aero wkg Aeroflot 459 (CC-DE)  
 U 0440 Kinshasa Aero wkg Zambian 703 (JCH-MD)

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

XSG- Shanghai MARCO - CQ mkr (JEB-CA)  
 C 0135 XSG3- Shanghai MARCO - CQ mkr (GLT-NW)  
 U 0109 NKW- Diego Tower wkg Papa 6 Alfa (JCH-MD)  
 U 2251 NKW- Diego Tower wkg MAC 70003 (GHS-IL)  
 U var. Hong Kong VOLMET (JK-FRG) (JDM-WN)  
 U var. Hong Kong VOLMET (IK-UK) JK-FRG  
 U 1757 Bombay Aero - VOLMET b/c (IK-UK)  
 U 1757 Bombay Aero - VOLMET (IK-UK)  
 U 1545 Tokyo Aero - VOLMET b/c (IK-UK)  
 A 0905 JJJ- SPTS Tokyo - pips JJ/VL ann. (AR-CA)  
 C 1720 KWL90- USEMB Tokyo - QRA/QSX mkr (JEB-CA)  
 U 1440 Tokyo Aero - VOLMET b/c (JDM-WN)  
 C 2145 JMC6- Tokyo MARCO - CQ mkr (JEB-CA)  
 C 1320 HLF- Seoul MARCO - CQ mkr (GLT-NW)  
 C 2038 HLG- Seoul MARCO - CQ/QSX mkr (JEB-CA)  
 C ---- HLG- Seoul MARCO - CQ mkr (HDT-WV)  
 C 1325 FFD28- St. Denis MARCO - CQ mkr (GLT-NW)  
 U 1520 Singapore Aero VOLMET b/c (IK-UK) (JEB-CA)  
 C 2245 XSW- Kaohsiung MARCO - CQ/QSX mkr (JEB-CA)  
 C 0130 XSW- Kaohsiung MARCO - CQ mkr (GLT-NW)

\*\*\*\* PACIFIC OCEAN \*\*\*\*

A 0950 WNG- SPTS Lyndhurst (AR-CA)  
 C 1335 VIX- Canberra NAVRAD - CQ mkr then WX (GLT-NW)  
 U 0801 Sydney Aero - VOLMET b/c (IK-NY)  
 A 0900 WNG- SPTS Lyndhurst (AR-CA)  
 C 0740 VIS65- Sydney MARCO - CQ mkr (JEB-CA)  
 U 1415 AXI- RAAF Darwin wkg RAAF Townsville (JDM-WN)  
 U 1430 AXI- RAAF Darwin wkg RAAF Sydney (JDM-WN)  
 U 1305 AXJ- RAAF Perth r/c RAAF Sydney (JDM-WN)  
 U var. Sydney Aero - VOLMET b/c (IK-UK) (JDM-WN)  
 C 0120 VIS- Sydney MARCO - V mkr (GLT-NW)  
 C 0258 VIX7- Canberra NAVRAD - V mkr (GLT-NW)  
 C 0448 3DM- Nandi Aero wkg Continental 2 (JCH-MD)  
 U 0459 Guam Aero wkg Korean Air 601 (JCH-MD)  
 C 0115 NRY- CG Guam (Barrigada) V mkr (GLT-NW)  
 U 0446 Honolulu Aero wkg United 21 (JCH-MD)  
 U var. NMO- CG Honolulu - WX b/c (BEC-NY) (RMS-NY)  
 U 0300 Honolulu Aero - VOLMET b/c (HCB-WA)  
 U 0544 AGA2- Hickam Aways wkg Alger 71 (RMS-NY)

SOAP: 13127 U 2043  
 SUDN: 11300 U 0429  
 Y DR: 3467 U 0237  
 ZIRE: 8903 U 0440

PRC.: 12871.5 C 0350  
 22312.5 C 0135  
 11176 U 0109  
 11176 U 2251  
 HONG: 8828 U var.  
 13282 U var.  
 6675.7 U 1757  
 11387 U 1757  
 6679 U 1545  
 8000 A 0905  
 12210 C 1720  
 13282 U 1440  
 17029 C 2145  
 8484.2 C 1320  
 12935 C 2038  
 13005 C ----  
 8469 C 1325  
 6676 U 1520  
 12863 C 2245  
 22335 C 0130

AUST: 4500 A 0950  
 6428 C 1335  
 6680 U 0801  
 7500 A 0900  
 8711 C 0740  
 8975 U 1415  
 8975 U 1430  
 8975 U 1305  
 11387 U var.  
 22474 C 0120  
 22585 C 0258  
 13300 C 0448  
 13300 U 0459  
 22527 C 0115  
 5547 U 0446  
 HI... 6506.4 U var.  
 6679 U 0300  
 6738 U 0544

..... The 60 contributors this month were:

HI... 8828.0 U var, Honolulu Aero- VOLMET (HCB-WA) (JCH-MD)  
 8843 U 0454 Honolulu Aero wkg World 40 (JCH-MD)  
 8984 U 0447 NMO - CG Honolulu wkg CG 1502 (JCH-MD)  
 11201 U 0101 NMO - CG Honolulu wkg CG 1348 (JCH-MD)  
 11282 U 0441 Honolulu Aero wkg United 48 (JCH-MD)  
 13113.2 U 0756 NMO - CG Honolulu - WX b/c (JCH-MD)  
 13282 U var, KVM70 - Honolulu VOLMET (JDM-WN) (FAV-CA)  
 NCAI: 8646.5 C 1310 FUJ - FF NAVRAD Noumea - V mkr (GLT-NM)  
 22461 C 0115 FUJ - FF NAVRAD Noumea - V mkr (GLT-NM)  
 NZEL: 5915 C 0800 ZLZZZ - Wellington Metro - Cq mkr (JEB-CA)  
 6679 U var, Auckland Aero - VOLMET (JDM-WN) (IK-UK)  
 6506.4 U 0653 ZLW - Wellington MARCO wkg ZMA 2439 (RWP-CO)  
 8737.5 U 0620 ZLW - Wellington MARCO - EE/OV/VM (JEB-CA)  
 8828 U var, Auckland Aero - VOLMET (JDM-WN) (JCH-MD)  
 12716.5 C 0200 ZLO - Irirangi NAVRAD - DE mkr (HDT-WV)  
 FFPO: 8642 C var, FUM - FF NAVRAD Papeete - V mkr (GLT-NM) (RMP-CO)  
 8625 C 1315 FUM - FF NAVRAD Papeete - V mkr (GLT-NM)  
 17380 C 0150 FUM - FF NAVRAD Papeete - V mkr (GLT-NM)  
 22545 C 0120 FUM - FF NAVRAD Papeete - V mkr (GLT-NM)

\*\*\*\* ANTARCTICA \*\*\*\*  
 8997.0 U var, NZDM - McMurdo Center wkg Xray Delta  $\theta 1$  &  $\theta 5$  (TES-CA)  
 11522 U 0222 NQJ - Siple Station wkg CGC Polar Star (GRW-OH)  
 11552 U 0425 NGD - McMurdo Relay wkg CGC Glacier (GRW-OH)  
 11552 U 0129 NHG - Palmer Station wkg Siple Station (GRW-OH)  
 13385 C 0037 RULE - Vostok Station wkg Molodetzhnaya Base (RLR-KS)  
 13385 C 0020 RUZO - Molodetzhnaya Base wkg  $\pi/v$  UPII (RLR-KS)  
 13385 C 0015 UGEZ - Bellingshausen Base wkg RUZU (RLR-KS)  
 13973 U var, NNNWTCB - MARS McMurdo - p/p f/c to USA (WH-OH) (LK-NY)  
 13974 U 0322 NNNWCMR - MARS Palmer Sta. wkg NNNWJOK (GRW-OH)  
 13974 U 0239 NNNWTOP - MARS Siple Sta. p/p via NNNWFO (GRW-OH)

\*\*\*\* SHIPS \*\*\*\*  
 2182 A 1658 South Goodwin Light Vessel c/g Dover CG (PAC-UK)  
 4097.1 U 0450 GLOBAL DELTA wkg WOO (HCB-WA)  
 4392 U 0107 ANCHORS AMEIGH p/p via WOM (CC-DE)  
 5696 U 0821 KVMH - SEATTLE wkg CG 2102 (TES-CA)  
 5696 U 2051 NNGP - CGC CHEROKEE wkg CG 1434 (CC-DE)  
 5696 U 0122 NEXU - CGC UTE wkg CG 2108 (JCH-MD)  
 6200 U 2203 NHDI - CGC TANEY wkg CG Portsmouth (MH-OH)  
 6200 U 0031 NRTF - CGC ACTIVE wkg CG Portsmouth (GRW-OH)  
 6292.5 C 1430 CGCF - (GANG) SIR WILLIAM ALEXANDER wkg VCS (PAC-VT)  
 6292.5 C 1448 DFFQ - AFRICAN AZALEA c/g WNU Slidell LA (PAC-VT)  
 6506.4 U 1255 WTER - NOAA RESEARCHER wkg CG Honolulu (JDM-WN)  
 6506.4 U 1250 NRPQ - CGC CLIPRUS wkg CG San Francisco (JDM-WN)  
 6506.4 U 0803 NRPN - CGC IRONWOOD c/g CG Honolulu (LK-NY)

(RMA-FRAN) Roger Aked  
 (BIA-FA) Brian Alexander  
 (RMA-IA) Rodney Alexander  
 (HCB-WA) Hobart Beal  
 (JEB-CA) Jason Berril  
 (DKB-MA) Donald Black  
 (BEC-NY) Bruce Campbell  
 (CC-DE) Cornelia Campbell  
 (MTC-AZ) Mike Chabak  
 (MDC-NY) Mark Chinsky  
 (KG-MA) Kenneth Compton  
 (PAC-UK) Peter Conway  
 (RAC-VT) Robert Curtis  
 (JHD-PA) John Demmitt  
 (CD-CA) Chris Devendorf  
 (GF-NY) Gonzalez Fernando  
 (REF-MO) Robert Flick  
 (MH-OH) Michael Harris  
 (JCH-MD) James Hartung  
 (DRH-PA) Donald Hein  
 (HH-MD) Hank Holbrook  
 (R.JH-RI) Robert Horvitz  
 (RH-WO) Roberta Howard  
 (CH-MEX) Carl Huffaker  
 (BLJ-TX) Brian Jones  
 (JFJ-MS) Jack Jones  
 (LK-NY) Leon Karopka  
 (IK-UK) Ian Kerr  
 (JK-PFG) Joerg Klingenfuss  
 (KWK-VA) Kraig Krist

(EDK-MI) Eugene Krolak  
 (RAL-OH) Robert Leary  
 (ML-ME) Michael Leonard  
 (TML-AL) Terry Lindley  
 (MAN-VA) Mike McKinstry  
 (SN-TX) Alex Moore  
 (FJO-OH) Fred Osterman  
 (RWP-CO) Roger Pettengill  
 (?P-CA) ? Piattelli  
 (WP-MS) William Polsgrove  
 (CCP-CO) Charles Pringle  
 (RLR-KS) Robert Rankin  
 (RR-MA) Robert Raymond  
 (AR-CA) Allen Rising  
 (AMR-HOLL) Allen Roberts  
 (MGS-OH) Mike Schulsinger  
 (GHS-IL) Greg Shepberd  
 (TES-CA) Timothy Starr  
 (WJS-ONT) Wilf Stone  
 (RMS-NY) Robert Streeter  
 (HDT-WV) Harold Tate  
 (GLT-NM) Glenn Thompson  
 (PAT-CA) Peggy Thompson  
 (THT-CA) T.H. Traeger  
 (FAV-CA) Fred Valentine  
 (GRW-OH) Gene Waleta  
 (JDM-WN) John Williams  
 (BCW-VA) Bernie Wimmers  
 (TJY-MD) Thomas Yingling

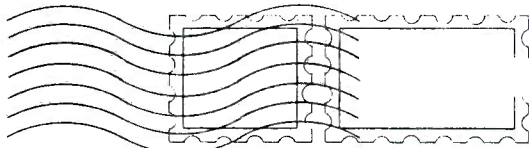
➤ Klingenfuss Publications - Universal Electronics will now market the Joerg Klingenfuss book, here in the USA.. Format is the standard  $8\frac{1}{2}$  x 11 size, maps are inserted into the book. All else remains the same... The CPCSI has been retitled to: "WORLD UTILITY FREQUENCY AND CALL SIGN GUIDE" (Book G) Price is \$12.00 US/Canada....

..... Michael Schaady's "RTTY PRESS BROADCASTS" (Book M) mentioned in the Feb & March columns, is likewise \$12.00 US/Canada.... Order via money order, check, or have them charged to your VISA/MASTERCARD. Both can be ordered from:

Universal Electronics, Inc.  
 1280 Aida Drive  
 Reynoldsburg, OH 43068

MTC





**EDITOR:**

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SHREWSBURY, MA 01545

Deadline: 12th of the month

**QSL REPORTS**

The Ides of March are upon us, and, as with the Ides of any month, it's now time to prepare QSL Reports. Some truly outstanding contributions have crossed this desk over the past month, so, without further ado.....

EUROPE

ALBANIA: Radio Tirana, 6200, 7120, 7220, 9750, f/d Revolution Spirit cds in 70 days (Howard-MO), in 85 days (Gunter-NC), in 174 days (Pfeffer-NY), in 24 days (Ledford-NJ), in 49 days (Harris-OH).

AUSTRIA: ORF, 5945, f/d card in 60 days (Valentine-CA); same along with report forms in 62 days (Krist-VA); 21525, f/d card in 39 days (Wettersten).

BRUSSELS: BRT, 9870, f/d Brussels foto card in 32 days (Krist); 9880, same along with pennant, sticker and DX club membership card in 37 days (Taylor)

BULGARIA: Radio Sofia, 9700, f/d Palace with Fountain card in ? (Wettersten), f/d Costumes card in 44 days (Robichaud-NeB), f/d Highway Scene card in 40 days (Starr-GA), f/d National Theatre cd in 21 days, 2 IRC (Robinson-TN).

CZECHOSLOVAKIA: Radio Prague, 7345, f/d card in 81 days (Welch-MA), same in 31 days (Rising-CA); 11990, f/d card in 58 days (Wettersten-OH).

DENMARK: Radio Denmark, 11715, f/d Painting cd in 21 days (Harris-OH).

ENGLAND: Voice of America Wooferton Relay, 7200, f/d Golden Gate Bridge cd in 30 days (Smith-FL); British Broadcasting Corporation, 6110, date only cd in 25 days for FF report (Robichaud-NeB); 9510, n/d cd in 54 days (Wettersten); 9600, n/d card and sticker in 63 days (Casavant-PQ).

FINLAND: Radio Finland, 15400, n/d Audience Card in 28 days (Harris-OH); no data letter advising that Audience cards may be resumed later in 1983 in 30 days (Ryeder-FL). Ah rats, first the n/d Audience cards and now not even those. Best I withhold any other comments (kap).

FRANCE: Radio France Internationale, 17850, 17750, 17620, 21580, 21620, 21645, f/d cards, pennants, stickers, calendars, etc in 200 days (Schul-singer-OH), in 210 days, 2 IRC (Van Horn-TX), in 24 days, IRC (Robinson-TN), in 129 days (Howard-MO); in 17 days, 2 IRC (Harris-OH), in 131 days (Hensley-TX), in 153 days (Spremo-NY), in 216 days (Stephany-NY), in 165 days (Hesch-NY), in 216 days, 2 IRC (Greenbauer-AZ), in 54 days (Casavant-PQ). Well, we now have an explanation for the paucity of RFI reports the past few months. The folks who waited the longer times received, along with the other materials, notes apologizing for the delay and explaining that the delay was due to a reorganization at the station. Back in the late '50s and early '60s RFI was a reluctant verifier, some worry was expressed that they might have gone back to that. (kap).

GERMANY, DEMOCRATIC REPUBLIC (East): Radio Berlin International, 9550 and 9560, f/d cards in 61 days (Zolla-CA), in 56 days (Wettersten-OH), in 58 days, IRC (Moore-TX), in 63 days (Krist-VA), in 55 days (Greenbauer-AZ), in 60 days (Evans-TN), in 21 days, 2 IRC (Robinson-TN). By the way, after a bit of an absense, RBI is again sending out their DX club bulletin. While not as consise as the one that Radio Budapest puts out, it is still of some value (kap).

GERMANY, FEDERAL REPUBLIC (West): Deutsche Welle, 9545, no data card and sked in 51 days, 2 IRC (Robinson-TN); Sudwestfunk-Rohrdrorf, 7265, date/freq "ear" card in 65 days, ms (Schlesinger-TX); Bayerischer Rundfunk-Munich, 6085, freq only Broadcasting Tower card in 38 days, 2 IRC (Schlesinger). The West German regionals are usually pretty good verifiers. A quick trip through the WRTVH or the Europe column in SPEEDX will give you a pretty good idea as to what can be heard. (kap).

GREECE: Voice of Greece, 9865, f/d View of the sea card in 38 days (Wettersten-OH); Voice of America - Kavala Relay, 6060, f/d card in 23 days (Robichaud-NeE). VOA, upon request, will often supply a complete freq/site sked (though not identifying languages). Requests should be sent to the VOA Frequency Division, Washington, DC 20457 (kap).

HUNGARY: Radio Budapest, 9585, f/d logo card in 59 days (McKinstry-VA).

IRELAND: Radio Dublin, 6910, f/d Map card in 15 months, 2 IRC, also rcvd sticker (Krist-VA). This station is back on the air, best heard about 0500 GMT or so, reports go to Radio Dublin, Dublin, Republic of Ireland. An IRC or 2 will be appreciated (kap).

ITALY: RAI, 9575, f/d cards in 118 days (Spremo-NY), in 45 days (Harris-OH), in 129 days, IRC (Ledford-NJ), in 241 days (Casavant-PQ). RAI, though not one of the quickest QSLers around is a pretty reliable one. (kap).....

MALTA: XANDIR MALTA, 9670, f/d card in a total of ?? days, 246 days after follow up (Gunter-NC); Radio Mediterranean, 5960, f/d map cards in 15 days, FF report (Robichaud-NewB), in 3 weeks (Roussell-NewB); in 27 days, IRC (Stephany-NY), in 22 days (Krist-VA), in 30 days, IRC (Taylor-MO),... This station has moved to a new frequency of 6110 (kap).

MONACO: Trans World Radio - Monte Carlo, 9495, f/d Syprus MW antenna card, sked and pennant, in 36 days, ms (Philip-BC).

NORWAY: Radio Norway, 25730, f/d cards in 29 days (Wettersten-OH), in 73 days long with sticker (Spremo-NY)..

POLAND: Radio Polonia, 9525, f/d "Warsaw-View of the Old Town" card in 68 days (Krist-VA); 9675, f/d "Royal Castle" card in 88 days (Wettersten-OH); 11840, f/d "Girl with Dove" card in 106 days along with Polish stamps and calendar (Leite-MA). The "Girl with Dove" card is a special one offered only for reports on the 1130 GMT transmission to North America on 11840 (kap).

PORTUGAL: Radio Portugal, 9520, f/d card in 40 days (Howard-MO).

ROMANIA: Radio Bucharest, 6155, f/d card and pennant in 57 days (Stephany-NY) 9510, f/d card in 91 days (Krist-VA), 9570, f/d cd in 49 days along with 2 calendars and info on their Listeners Club (Starr-GA).

SPAIN: Radio Exterior De Espana, 9630 and 11880, f/d cards in 38 days (Wettersten-OH), in 21 days (Hosmer-MI), in 32 days (Tilley-CO), on 38 days (Weikel-MI), in 101 days (Sharp-FL), in 35 days (Mathew-MA), in 41 days (McCants-AL).

SWITZERLAND: Swiss Radio International, 6135, f/d card, sked, poster, booklet in 34 days, 2 IRC (Robinson-TN); 9725, f/d card in 37 days, IRC (Ryeder-FL), in 32 days (McCants-AL); 17795, f/d card in 107 days (Welch-MA); 21570, f/d card in 31 days (Smith-FL), in 25 days (Smith). Red Cross Broadcasting Service, 7210, f/d card in 32 days (Roussell-NeB).

SWEDEN: Radio Sweden, 11705, f/d Logo Card in 103 days (Welch-MA), same in 41 days, IRC (Kapinos-MA).

VATICAN CITY: Vatican Radio, 6015, f/d card in 15 days, IRC (Hosmer-MI), 6210, same in 17 days (Duncan-NC); 9605, same in 15 days (Weikel-MI); 11845, same in 14 days (Greenbauer-AZ). RV is one of the most quick and dependable QSLers today. Hard to believe that at one time it was virtually impossible to pry a QSL out of them (kap).

WEST BERLIN: RIAS, 6005, f/d Tower Card (a new one) in 36 days (Leite-MA). Good go, Steve, tough here in the Northeast due to CFRX-Montreal (kap).

YUGOSLAVIA: Radio Jugoslavia, 9620, f/d "Beograd" card and sked in 46 days (Stephany-NY).

## AFRICA

ANGOLA: Radio Nacional de Nagola, 9535, f/d personal letter in 50 days for PP report and IRC. While the report was prepared in PP, the QLS was in English, though a bit stilted (Ross-ONT).

ASCENSION ISLAND: BBC Relay, 15260, F/D NASA Relay Station card in 17 days via Patrick Air Force Base, FL (Saunders-NJ). Hmmmmm..... perhaps a new way to do it (kap)

BENIN: La Voix de la Revolution, 4870, f/d "Logo/Art" card in 36 days, EE report, 2 IRC (Stephany-NY).

CANARY ISLANDS: Radio Exterior de Espana Tenerife Relay, 15365, f/d card in 24 weeks total, 5 weeks after follow up (Wilkins-CO), same in 38 days (Robichaud-NeB). Both via Madrid, which is the proper way to go (kap).

CONGO, POPULAR REPUBLIC: RT Congolaisse, 15190, f/d letter, skeds, etc in 57 days for FF report, SASE (Hall-CA). Good go, Stu, the SASE is a good approach to this toughie (kap).

KENYA: Voice of Kenya, 4915, f/d aerogramme in 16 days for 3 IRC, EE report (Hosmer-MI). Now, if the #\*%&% UTE that fires up immediately following the ID at 0300 on 4934 would take the night off, I'd have a shot (kap).

LESOTHO: BBC Maseru, 9515, n/d Thames Bridge card in 32 days, IRC for report to London. No answer yet for report and PFC send direct to Maseru (Kapinos).

LIBERIA: Voice of America Monrovia Relay, 11835, f/d 40th Anniversary - Golden Gate Bridge card in 8 days (Greenbauer-AZ).

MADAGASCAR: Radio Netherlands Talata Relay, 15220, f/d "New Transmitter" card, pennant, stickers, postcard, Royal Family pictures, all in 53 days, no rp (Stephany-NY). Gadzooks, imagine what would you have gotten had you sent some return postage (kap).

NAMIBIA: Radio South West Africa, 4965, g/d card, book, pamphlet, bumper sticker, in 99 days, 2 IRC (Schulsinger-OH).

NIGER: Rd du Niger, 5020, f/d "Ici Niamey" card, 1 month after follow up, 162 days total, FF report, ms (Hall-CA).

NIGERIA: Voice of Nigeria, 7255, f/d Remembrance Arcade cards in 204 days, 2 IRC (returned) (Ulmer-LA), same and the 2 IRC were also returned in 239 days (Pfeffer-NY). Perhaps they returned the IRC because they weren't exactly super quick in replying (kap). Gee, no regionals this time (kap).

SIERRA LEONE: SLBS, 5980, f/d personal letter in 6 months (Kanopka-NY).

SOUTH AFRICA: Radio 5, 3250, f/d card in 25 days, 2 IRC (Greenbauer-AZ); SABC, 4835, f/d cards in 29 days, IRC (Moore-TX), in 26 days, IRC (Stephany-NY); Radio RSA, 4990, 7270, 9615, 11730, 11900, 15325; f/d cards in an average of 30 days, pennants received by those who requested them, no rp (Spremo-NY, Hecht-PA, Casavant-PQ, Mathew-MA, Rising-CA, Dan Johnson-CA, Greenbauer-AZ, Duncan-NC, Welch-MA, Wilkins-CO, Kapinos-Miller Country).

SWAZILAND: Trans World Radio - Manzini, 9730, f/d card, sked, info on services, 27 days, 2 IRC (Rising-CA).

UPPER VOLTA: Radiodiffusion-Television Voltaque, 4815, f/d letter and sked in 63 days, FF report, 2 IRC (Leite-MA). Atta go, Stevie (kap).

## MIDDLE EAST

IRAN: IRIB, 9022, f/d card in 46 days, 2 IRC (Ledford-NJ), same in 255 days (Pfeffer-NY).

ISRAEL: Kol Israel, 9815, f/d Logo card in 43 days (??-??). Please put name and state on each slip (kap).

KUWAIT: Radio Kuwait, 11675, no data "Thank You" letter, 2 stickers and program guide in 46 days (Stephany-NY).

LEBANON: King of Hope, 6215, f/d card and sticker in 14 days, ms (Harris-OH).

OMAN: Radio Oman, 9655, f/d folder in 44 days, IRC (Sato-Japan); 9735, f/d card in 3 months (Demmitt-PA).

SAUDI ARABIA: BSKSA, 15060, f/d Logo and Date Palm card in 21 days along with "goodie pack" (Sharp-FL). Note, this station will accept detailed EE reports for their AA programs. Also note, and this is most important, the Koran readings that are sung over the air should be referred to as "RECITATIONS" NOT "Chanting". It is a greivous insult to those of the Moslem Faith to refer to their prayers as "Chants". (kap).

UNITED ARAB EMIRATES: Radio Dubai, 11755, f/d card, pennant and sked in 34 days (McCants-AL); 21655, same in 33 days (Ulmer-LA).

### U S S R

#### Radio Moscow Sites:

Moscow, 7440, 6 weeks (Wilkins-CO), 9565, 30 days (Wettersten-OH), 6.11, along with Pennant, 56 days, IRC (Robinson-TN).

Petropavlovsk; 15450, 55 days (Welch-MA).

Tula, 12030, 48 days (Greenbauer-AZ).

RADIO KIEV: 15100, 17870, in 56 days (Starr-GA), 45 days (Krist-VA), 55 days (Greenbauer-AZ), 53 days (Grijalva-AZ).

RADIO TASHKENT: 9600, 39 days along with postcards (Krist), 51 days along with pocket calendar and postcard (Greenbauer-AZ).

RADIO YEREVAN: 17870, 128 days along with Intourist Brochure and sked (Ulmer-LA).

All QSLs were full data.....

### ASIA

CHINA: Radio Beijing, 11795, 15120, 15520, f/d cards, stickers, pennants, (Wettersten-OH, Dan Johnson-CA, Robinson-TN, Krist-VA, Leite, MA, Pagano-DC). Congratulations to Frank Pagano of Washington, D.C. His 0118 GMT 1 January 1983 QSL was the winner in our Radio Peking/Leijing contest.

INDIA: All India Radio - Calcutta, 4820, f/d "Writers Building, Calcutta" card in 10 weeks, ms (Howard-CA).

INDONESIA: R.R.I. Kupang, 3385, n/d form letter in 5 weeks, 55 weeks total, IT report, ms (Wilkins-CO).

JAPAN: Radio Japan, 17825, 21640, date/frequency cards in 55 days (Hosmer-MI), 39 days (Wettersten-OH), 33 days (Muzyka-NY), 32 days (Leite-MA), 22 days (McKinstry-VA). Sometimes Radio Japan will put the time of reception on the card, making it a true "f/d" one, but this is rare (kap).

KAMPUCHEA: Voice of the People of Kampuchea, 9695, frequency only note, Temple card and New Year's greetings in 1 year, report sent via Radio Hanoi (Sharp-FL). To those who have received no data information, might I suggest a report Direct to Phnon Penh, they do often issue f/d QSLs (kap).

KOREA, SOUTH: 9750, 11830, 15575, f/d cards, pennants, skeds, etc in an average 30 days (Wettersten-OH, Miller-CA, Hosmer-MI, Greenbauer-AZ, Muzyka-NY).

MONGOLIA: Radio Ulan Bator, 12070, f/d Logo card in 66 days (Wettersten).

NEPAL: Radio Nepal, 5005, f/d card and station booklet in 7 weeks, EE report \$1.00 US (better than IRC here) (Howard-CA), same in 47 days, EE report and the dollar bill (Sharp-FL). For those who think that sending a \$ bill is expensive, don't forget that 2 IRC cost a lot more (kap).

TAIWAN: Voice of Free China, 15345, f/d cd in 30 days (Speer-CA), Voice of Asia, 5980, f/d card and "goodie pack" in 50 days (Sato-Japan).

TURKEY: Voice of Turkey, 7215, f/d Costumes card and pennant in 54 weeks total, 4 weeks after follow up (Wilkins-CO), 9560, f/d card in 30 days (Sill-MA), same in 41 days, 3 IRC (Ledford-NJ).

and now, for some most embarrassing out-of-orders

INDIA: AIR, 11620, f/d card in 45 days (Roussel-NeB).

A Visit to the Dayton Hamvention: One of the nicest places for an SWL to be in late April is, of all places, Dayton, Ohio. For that is the site of the annual Dayton Hamvention, reputed to be the largest gathering of radio amateurs in the world. The 1984 Hamvention was held April 27-29, and as evidence to support my claim my admission ticket, purchased Sunday morning, had a 24,000 series number! Paid attendance in a typical year is 22,000, but the weather was better than usual this year.

Between the manufacturers' booths, the dealers' booths and the flea market, there is more electronics gear at the Hamvention, just north of Dayton, than at the Department of Defense Electronics Supply Center, just south of Dayton. A determined bargain hunter can wait until Sunday afternoon and purchase bulky equipment for a song, because no one wants to lug all that stuff back to their store or garage. A typical Sunday show special was a Uniden CR-2021 (similar to the Radio Shack DX-400) reduced to \$160.00 by a well-known dealer/manufacturer/publisher. That's 25.00 under mail order! And if you ran out of money you could always go over and chat with the Technical Personnel Recruiter at the CIA booth!

The high point for SWLs was the well-attended Sunday morning Shortwave Listeners Forum, sponsored by the Miami Valley DX Club. This year's speakers were Fred Osterman of Universal on UBX, their computer bulletin board for hams and SWLs, Bob Grove of Grove Enterprises on usual frequencies to monitor, new equipment and questions from the floor, and surprise guest Jeff White of Radio Earth. Unfortunately, for many of the attendees, it was also the place where they learned of Oliver P. (Perry) Ferrell's death in an automobile accident one week earlier. The fate of Gilfer Associates is not known as of this writing.

I recommend that every Midwestern SWL reserve the last weekend of April to attend future Dayton Hamventions. (Thanks much to Michael Schulsinger-OH for sending this in. I hope you got your post cards, Mike. ds.)

Kraig Krist needs your assistance: Hello everyone. Welcome to another Project Coordinator Report. As I mentioned in a previous report I have Mark Johnson's The First Shack: Pitfalls and Problems ready for final typing. The only problem is that I don't have any final typist volunteers. I really need the membership assistance to help get this fine work typed and published. Any volunteers?

I have not heard from my USSR spy in quite sometime. Perhaps he has been captured and sent to Siberia. Therefore, I need someone that can and will update the SPEEDX Guide to Soviet Broadcasting. Hoping to hear from many volunteers. 73's, Kraig. (C'mon folks, let's help to get these projects rolling! ds.)

More news from Mike Schulsinger is the March 1984 issue of Soviet Life magazine features a four page article on Mayak, the 24 hour radio program. (Soviet Life is available at university libraries and Communist Party Cells everywhere!) (Hmmm...my high school library subscribes to Soviet Life, does that mean it's a Communist Party Cell, too? Hi. Seriously, if I can secure a copy of the article, we'll feature Mayak in a future Montage. ds.)

Last month in these pages we discussed the problems in obtaining a verification from Radio Tirana in Albania. Tom McKeon, who was kind enough to call, says the station appreciates detailed reports on broadcasts; the best times to listen are the 1230 and 0630 UTC transmissions. No return postage is needed for a reply from the station, though most mail is sent via surface mail, ergo, a long wait for a veri should be expected. Tom also mentions that Radio Tirana often features local music, which is quite unique and very listenable. (Thanks again for the call, Tom. Hope you had a great time in Florida, and hope you can make it to the Tampa area next time! ds.)

2nd Annual SPEEDX Shortwave Popularity Poll is now in progress. Last year, many of you sent in your choices for the first popularity poll, the final result being a landslide victory for Radio Canada International. Now...it's once again time for you to send in your list of favorite stations (in order of preference), programs, and personalities. All votes received will be tabulated, and final results (to be passed on to various DX programs) will be presented in October or November. Now is the time to let your voice be heard, so please send in your choices as soon as possible. As always, all who participate will receive a membership credit....ds.

WANTED: Dentist to make filling resonate to receive the BBC for an SWL who has no rx. Apply to: John H. Demmitt, Box A K08L8, Bellefonte, PA 16823. (My sister goes to a great orthodontist for her braces. Will he do, John? Hi. ds.)

Big News from Mauritius: The Mauritius Broadcasting Corporation is currently determining the feasibility for the introduction of a 50 kW shortwave operation to begin soon. No doubt this would be to better cover the Indian Ocean area, but, such a power raise would make the station much easier to hear in North America. No news on new frequencies, etc., but presumably, they will remain on 9709 kHz. More on this as information becomes available. Thanks go out to my penfriend in Mauritius for forwarding this late info....ds.

\*\*\*\*FAILURES OFTEN LEAD TO GREAT TRIUMPHS\*\*\*\*

DXM Station Review: WWV/WWVH: Many SPEEDXers regularly tune in the National Bureau of Standards stations WWV from Boulder, CO or WWVH from Kauai, HI. A time check is straight forward, accurate, fast, and free. The prerecorded voices of Mr. Don Elliott (WWV) and Mrs. Jane Barbe (WWVH; both of Atlanta) announce the start of each minute. If DXers consider such xsmns simply a substitute for a call to the telephone company, they miss the variety of information and amazing technical detail compacted by the NBS into the program format of these stations. In fact, each hour of a WWV xsmn fulfills eight different functions as outlined below:

First, voice announcements identify each minute in UTC. Secondly, standard time intervals of seconds are marked by signals resembling ticks of a clock (accurate on a daily basis to within 1 in 1 trillion parts). Each "tick" consists of precise 0.005 sec. pulses of 1000 Hz (WWV)/1200 Hz (WWVH; on the minute, the tick is 0.8 sec. long.) Each hour begins with a 0.8 sec. pulse of 1500 Hz. Thirdly, four standard audio frequencies are broadcast (accurate to 1 in 100 billion parts): 500 and 600 Hz tones are used in alternate minutes during most of an hour. At the third minute of each hour, 440 Hz is broadcast and serves as an hour marker for automated services. Also, a 100 Hz subcarrier is transmitted. Fourthly, the status of the eight Omega Navigation System stations, 10-14 kHz navigation aids, is given at minute 16 on WWV (min. 47 WWVH.) A three-part, current, geophysical alert is transmitted on WWV only at min. 18. These "Geoalerts" indicate the state of the sun and the earth's geomagnetic field under various headings (solar flux, estimated A-index, and the like).

A sixth service at minutes 8-10 (WWV) provides marine storm warnings for the Atlantic and eastern N. Pacific (at mins. 48-50 on WWVH for eastern and central N. Pacific.) Updates from the National Weather Service are made four times daily. The seventh and eighth services are extremely technical. In one, a binary coded decimal (BCD) code is continually broadcast on a 100 Hz subcarrier. This code allows scientists in several different locations to collect data simultaneously with a common time reference. Finally, some scientists and others need extremely exact time in reference to the earth's own rotation (a variable phenomenon) rather than to an absolute, atomic clock-based standard (UTC.) Time measured as a function of the earth's movements is called UT1. To keep UTC and UT1 within 0.9 sec. of each other, "leap" seconds are inserted about once a year.

So, you can see that WWV/WWVH has a program even more complicated than the details listed in the WRTH. SPEEDXers wanting to learn more about these NBS services should consult NBS special publication 432 (September 1979) and the 2/29/83 Errata update sheet, both available via WWV. (Tnx go out to Fr. Vincent Hevern, SJ-NY for taking the time to research this...no doubt it wouldn't be found in Program Panorama, hi! More station feature contributions from the membership would be appreciated. ds.)

A YL in Argentina, Martha Berlanda (Ave. Del Tejar 2546, 1428 Buenos Aires, Argentina), is wanting to trade first day covers, QSLs, and stamps with an Antarctic theme. If you are in to Way Down Under goodies, then why not drop Martha a line. Also, through Ken Eaton, comes word of a British DXer in need of obtaining crystals for a Tandy crystal controlled scanner, which covers 66-88, 116-136, 144-174, 430-470, and 470-490 MHz. If you can help, then write to: Tony Chaffe, 58 The Croft, Haltonbrow, Runcorn Cheshire, England WA7 2EZ. (Ken, thanks very much for your kind comments. They were really appreciated. ds.)

Pin the Tail on Ye Ed: Well, I bet you were beginning to think there would be no contest this month...but here it is, as usual. We did have a winner to last month's competition. Joe Talbot, way up there in Red Deer, Alberta, Canada, knew the logo in last month's column was from Radio Greenland. For his super work, Joe will get some bumper stickers from local radio stations here in Florida in the not too distant future. Now, this month's competition: In the United States, there are three classes of FM stations; Class A, B, and C. Anyone who can tell me the power limitations common to each of these classes will win a sub to the SPEEDXGram. Here's a clue: In which class would your 100 kW powerhouse be? Goodluck, and as always, all entries will get a membership credit. Overseas entries postmarked by the 20th of the month will be accepted.....ds.

Well, the end of the page has worked its way up, so its about time to sign off until next month. At deadline time, my "trusty" Smith Corona fell apart, so I'm using a friend's typewriter to complete the column. I just hope it's readable when reproduced! This month, there were over thirty contributors...let's see if we can up that another ten next month. Your contributions, letters, "atta-boys" and gripes are always welcome, so please do take the time to write in. There can't be a DXM without input.....

CRACKER COUNTRY: You know you're about to get that great catch when the YXL turns on the vacuum cleaner.....

73 and best,  
David

# Tips and Topics

THE FEATURE SECTION OF SPEEDX

EDITOR:

YOUR NAME HERE

That's right! We need a new editor for "Tips and Topics", as well as for "Technical Topics." If you have a few hours a month that you could spare to edit one of these SPEEDX columns, and would like the instant notoriety and fame that follows (Well, hopefully, anyway), just drop Rick Drollinger a line at the following address...

Rick Drollinger  
Managing Editor, SPEEDX  
9529 West Sarasota Place  
Milwaukee, WI 53222

SPEEDX editor-types do have to put in a few extra hours for the benefit of other SWLs, but the satisfaction of producing a good column and even having it quoted in other publications is a real nice feeling, as any current editor will tell you. Not to mention the "perks" the editors enjoy, like free subscriptions to the bulletin and SPEEDXGRAM. Find out all about it by writing to Rick today!

Also, we're looking for a future replacement for two more fine SPEEDX volunteers...UTE Scene editor Mike Chabak and Rick Drollinger himself. Mike's last column will be October, so we definitely need someone before then. Once again, write Rick if you're interested. As for Rick, his situation is not as frantic, but we would like to find a SPEEDXer from Michigan, if possible, to take over the ME's duties, mainly to make communications between the publisher and Managing Editor a little easier. (If you're worried about "being in charge", it really doesn't take much more time than any other SPEEDX editorship. You have to allocate pages for each month's bulletin, and find replacement editors when necessary. Sounds easy, huh?) Send Rick a note if you'd like more details, or you can write to me, too. My address is on page 28.

Thanks for your attention and help!

*Tom Feplant*  
"brand new publisher"

TRI

LINGUAL

RECEPTION

REPORT FORMS

LISTEN TO THE WORLD



ON SHORTWAVE RADIO

DATE (day) [ ] [ ] (month) [ ] [ ] (year) [ ] [ ]  
 DATE (jour) [ ] [ ] (mois) [ ] [ ] (année) [ ] [ ]  
 FECHA (día) [ ] [ ] (mes) [ ] [ ] (año) [ ] [ ]

RECEPTION REPORT  
 RAPPORT DE RÉCEPTION  
 INFORME DE RECEPCIÓN

To the right is a portion of the MULTI LINGUAL report forms available to SPEEDXERS.

These forms were designed primarily for the convenience of the station technician who will eventually read it. They were developed with the assistance of several broadcast technicians..... hence our claim of it being "Broadcaster Approved".

Order these forms from: John Trautschold, 354 N. Winston Dr., Palatine, IL 60067

Three (3) forms may be obtained for each credit point earned up to eighteen (18) forms per order. 2 credit points = 6 forms, 3 points = 9 forms, etc.

Only the three SPEEDX magazine issues immediately preceding any order may be used to qualify for an order, and only one order per month will be accepted.

To receive free report forms, simply send a business-size (4x9 1/2) self-addressed stamped envelope to the address above. Attach one first class postage stamp (in the USA) for each 6 forms (or portion of) ordered. Outside the USA send IRC's. Please mention which issue(s) qualify you for the order.

These forms are available to ACTIVE SPEEDX CLUB MEMBERS ONLY! None other need apply! Be sure to order from the Palatine, Illinois **QTH**. **NOT HQS!!**

G.M.T. LOCAL TIME  ON A FREQUENCY OF  KILOHERTZ  
 G.M.T. HEURE LOCALE SUR LA FREQUENCE DE  KILOHERTZ  
 T.M.C. HORA LOCAL FRECUENCIA DE  KILOHERTZ

ANTENNA OF METERS INSTALLED OUTSIDE  INDOORS  
 ANTENNE DE MÈTRES INSTALLATION EXTÉRIEURE INTÉRIEURE  
 ANTENA DE METROS INSTALACIÓN EXTERIOR INTERIOR

0 OVERALL TECHNICAL QUALITY  
 QUALITÉ TECHNIQUE DE L'ENSEMBLE  
 CALIDAD TÉCNICA EN TODO

Excellent, Excelente, Excelente	
Good, Bonne, Buena	
Fair, Moyenne, Mediana	
Poor, Mauvaise, Mala	
Unstable, Inutilizable, Inutilizable	

IN (LANGUAGE) ENGLISH  
 EN LANGUE FRANÇAISE  
 EN EL IDIOMA ESPAÑOL

COUNTRY	JAN	FEB	MAR	GRID COORDINATE	
AFARS & ISSAS	1450-0326	1457-0319	1506-0310	43.00E	11.50N
AFGHANISTAN	1220-0226	1246-0200	1316-0130	69.23E	34.65N
ALASKA-Anchorage	0056-1902	0220-1739	0341-1617	149.80W	61.20N
ALBANIA	1520-0602	1554-0527	1632-0449	19.83E	41.30N
ALGERIA	1639-0656	1708-0627	1748-0555	3.18E	36.70N
ANDORRA	1629-0719	1705-0643	1745-0603	1.50E	42.63N
ANGOLA	1721-0453	1715-0459	1709-0505	13.25E	8.83S
ANGUILLA	2142-1041	2154-1029	2208-1015	62.90W	18.25N
ANTARCTICA-McMur.	24hr-LITE	24hr-LITE	0745-1815	165.00E	77.50S
ANTIGUA	2138-1034	2150-1022	2203-1009	61.53W	17.11N
ARGENTINA	2257-0850	2230-0917	2200-0947	58.36W	34.60S

SUNSET - SUNRISE BOOKLET

Above is an actual excerpt from this 16 page booklet. It lists the sunset-sunrise times in GMT for 265 sites around the world. Computerized for accuracy! Included is a mathematical formula for computing the times for any site not listed. A very handy DXing aid!

Order this from Club HQ. Address on back cover.





# 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

### HELP WANTED ! ! ! ! !

First, let me apologize for the missing columns as of late! My job and other commitments have prevented me from doing the necessary research to write this column each month. So I am afraid I must resign this post as soon as someone can be found to replace me!

I would like to herewith, ask for a volunteer to step forward and "take the reins" of Technical Topics". You must be able to devote a few hours a month spare time to doing research on new items, answering letters and writing this page. Naturally, some kind of technical background is very desirable. The pay????..the satisfaction of doing a job for fellow DXers and a few "freebies" that the Staff at SPEEDX enjoys.

Lately, (for the past 6-9 months..) business for the firm I work for (ITT Mackay Marine) has fallen drastically in that time here in the Port of New Orleans area. This has caused some shakeups here and there, and increased my workload. In fact everyone in the marine electronics business here has felt the pinch. For those of you who don't already know, I am a field service engineer/trouble-shooter for this area.

I will still be here for those of you who may have old receivers you may want repaired, and I still have a nice supply of parts for the Barlow-Wadley XCR-30 series receivers. I will be supplying parts and servicing these for a while, unless someone purchases my supplies for them. As "Bayoutronic" receiver repairs will continue, and I hope to be able to devote more time to this in the future.

I think it only fitting that I devote this space to the President of Gilfer Associates, Mr. O. Perry Ferrell, who was killed in an untimely automobile accident a few weeks ago. Perry did quite a bit to promote shortwave radio in his lifetime and will be missed by many. He is survived by his wife Jeanne and his son Mike. R.I.P.

\*\*\*\*\*  
FOR SALE: Two YAESU FRG-7 receivers... One in excellent condition (MINT!) with improved selectivity mods., AGC mod. sell for \$175 postpaid. The second in good physical shape, a few cabinet blemishes, and a built-in "prototype" digital dial that reads in 0.1 khz. steps. (viz.: 000.0 thru 999.9 khz with overlap at the ends.) This second set has no battery box. (No problem to 110volt ac or 12 volt dc operations!) Sell this one for \$175 as well. Contact Sandy Blaize, at address above if you are interested.

\*\*\*\*\*  
MORE COMMENT: Many thanks to all of you who wrote in supplying information, radios, suggestions, criticisms, and support over that past few years!! Without you, this column could not have survived. I hope you will continue to support my replacement! Best DXing and 73,

*Sandy*



# PROGRAM PANORAMA

6/84

Woody Seymour, Jr. P.O. Box 848 Sanford, N.C. 27330

THE TORCH IS PASSED...The past month has seen the departure of three SPEEDXers from key responsibilities in the club. Business Manager/Treas. Don Johnson has spent over a decade in that position. Don has made Lake Elsinore, CA an internationally-known community as the HQ of the SPEEDX club. Now, upon stepping down from his position, Don hopes to try something new--like listening to the radio! Arthur Getzel has announced his resignation as Editor of Tips & Topics. Arthur has prepared over 120 columns for SPEEDX, and he has prepared them well. He'll leave some pretty big shoes to fill. John Trautschold has been Publisher of the magazine for about five years. He may be turning in his publishing hat, but he'll continue to wear the Contributors Column and Board of Directors ones. These three men have given many hours of their time for the benefit of the club. We owe them a round of thanks for a job well done. With all the extra time they'll have each month, we will expect regular contributions to Program Panorama! With new Business Manager/Treasurer Jack Sanderson and new Publisher Tom Kephart, the Torch of Leadership is now passed. Let's welcome them and give them our support. SPEEDX moves on.....

AUSTRALIA...RA's programming, pro and con, taken from April 1984 issue of Review of International Broadcasting(#37). We'll let you know when Glenn Hauser's new address is announced. Now for comments: PRO--(Paul Burkhardt, MA)"From what I have heard of the programming on Radio Australia, that station is one of the most, if not the most, friendliest shortwave station in the world. They may not be the strongest overall station, but they are my all-time favorite, because of the relaxed and down-to-earth way they spread their image. We could learn a lot from our friends down under." CON--(Barry Hartley, NZ)"...it's really hard to believe that(Radio Australia) and ABC domestic service are part of one organization. The real turn-off for me as far as RA is concerned is (what) they call music. I can hear mountains of that on our local "Radio Morons" without going to the trouble of tuning it in on shortwave. RA's news, current affairs and most spoken programs are fine but as soon as (pop music) appears, I (turn off my radio). A relay of either of the Melbourne domestic services for several hours a day would be great. Until around 1974 I listened a lot to RA; they were a good station to listen to with a good variety of programs--they even play quite a bit of classical music and took musical requests from listeners!...Who knows, perhaps one day RA will again revert to what they once were--a station that seemed to be in touch with their listeners; they don't appear to be now."

INDIA...All India Radio broadcasts in English to Northeast Asia and Australia/New Zealand 1000-1100 UTC in the 16 and 19 meter bands. You can hear daily features, including NEWS at the opening and closing of each transmission, COMMENTARY at 1010, followed by PROGRAM SUMMARY. PRESS REVIEW can be heard at 1050. Weekly programs are (note that AIR's"week"begins on Thursday): Thu 1016 RABINDRA SANGEET 1030 PANORAMA OF PROGRESS 1040 LIGHT INSTRUMENTAL MUSIC; Fri 1016 LIGHT MUSIC 1030 TALK, HORIZON or LITERARY MAGAZINE 1040 ORCHESTRAL MUSIC; Sat 1016 FILM SONGS 1030 MAINLY FOR TOURISTS, INDIAN CINEMA, SPORTS FOLIO or FILM REVIEW 1040 FOLK SONGS; Sun 1016 DEVOTIONAL MUSIC (Continued)

INDIA(Con't)...1030 WOMEN'S WORLD 1040 FILM SONGS; Mon 1016 FOLK SONGS 1030 FAITHFULLY YOURS(replies to listener letters) 1040 DXers CORNER (every other week) 1045 FILM TUNE; Tue 1016 KARNATAK INSTRUMENTAL MUSIC 1030 EXPORT FRONT or TALK 1040 FILM SONGS FROM DIFFERENT REGIONS; Wed 1016 LIGHT MUSIC 1030 BOOK REVIEW or TALKING ABOUT AGRICULTURE or SCIENCE TODAY or INDUSTRIAL FRONT 1040 INSTRUMENTAL MUSIC. (Thanks to Station Skeds Editor Chris Lobdell, MA and Betsy Robinson, TN)

NICARAGUA...The Voice of Nicaragua's International English programming can be heard 0100-0200(UTC I presume-WS) on the frequency of 5950 kHz (now reported on 6100-WS). The transmission begins with sign on, then 0102 NICARAGUA TODAY; 0115 Mon, Wed, Fri STUDIO TALK--Tue, Sat THIS IS NICARAGUA--Thu, Sun HISTORY IN THE MAKING; 0145 Mon, Tue, Wed, Fri MUSIC--Thu, Sun AFTER 50 YEARS, SANDINO LIVES ON--Sat PHILATELIC BULLETIN(a strange program for this station-WS); 0150 NICARAGUA TODAY. This station also has a Spanish program at 2300 on the same frequency. There is also a broadcast 1100-1300 UTC on 11870. (Peter Szabo, KS)

PAKISTAN...Radio Pakistan broadcasts in English 1645-1745 UTC daily on 9815 and 11670 kHz. Programs include 1645 RECITATION FROM THE HOLY QURAN AND ITS TRANSLATION; 1700 NEWS; 1715 COMMENTARY; 1720 HAMD(your guess is as good as mine-WS); 1730 Sat 6TH FIVE YEAR PLAN (or If At First You Don't Succeed, Try, Try Again-WS) Sun INVESTMENT OPPORTUNITIES IN PAKISTAN Mon PICTURESQUE PAKISTAN Tue WEEKLY ROUND UP Wed WOMEN IN PROFESSION Thu EMINENT MUSLIM HISTORIANS Fri SAYINGS OF THE HOLY PROPHET; 1740 DEVOTIONAL SONGS 1745 CLOSE DOWN. (Thanks to Station Skeds Editor Chris Lobdell, MA)

SWITZERLAND...DATELINE continues as the Mon-Fri staple of SRI's programming. On Sat you can hear THE GREAT SATURDAY GRAPEVINE(1st, 3rd) or THE SWISS SHORTWAVE MERRY-GO-ROUND(2nd, 4th). Sun features IN PERSON(Swiss personalities talk about themselves, 1st Sun), ROUNDABOUT SWITZERLAND(tour of lesser-known Switzerland, 2nd Sun), SUNDAY SUPPLEMENT(in depth of topics of the week, 3rd Sun), LET THERE BE MUSIC(4th Sun), TAKE FIVE(Richard Dawson takes a tongue-in-cheek look at life in Switzerland, 5th Sun). SRI broadcasts in English to Eastern North America 0145-0215 UTC on 6135, 9725(500kW), 9885, 12035 and 1315-1345 UTC on 17765 and to Western North America 0430-0500 UTC on 9725(500 kW) and 12035 kHz. (Thanks to John Demmitt, PA)

USA...Radio Earth now broadcasts 0300-0400 UTC on 6185 kHz. Here is the daily schedule, days here are local time: Mon A CLOSER LOOK--documentary on various subjects of human interest, often Caribbean-related; THE PLATINUM EXPRESS--best and latest in Canadian rock music, produced and hosted by Wojtek Gwiazda in Montreal; Tue DAVID MONSON--commentaries, monologues, documentaries and music from Brussels, produced by one of the world's top shortwave personalities; WORLDWIDE COOKBOOK--recipes from listeners around the world; THIS IS THE CARIBBEAN--music and info from and about the Caribbean Basin, hosted by the world's most happy-go-lucky radio announcer, Rudy Espinal in Santo Domingo; Wed FOCAL POINT--news, music and features from Africa, produced and hosted by Richard Ginbey; THIS IS THE CARIBBEAN; Thu BYLINE--commentary on various social issues from Patrick Humphreys in Helsinki, often focusing on Nordic issues; SKYLINE--info on astronomy, space and how they affect SW radio reception, produced by Dave Rosenthal; THIS IS THE CARIBBEAN; Fri MAILBAG--listener letters, questions and answers, music requests and interviews, hosted by Jeff White in Chicago(and first Fri night each month, DX News from Glenn Hauser); Sat DIALOGUE--weekly communications magazine for SWLers and DXers, hosted by Jeff White; SPECTRUM--communications-related features from Dick Speakman in Australia(not every week); THIS IS THE CARIBBEAN; Sun SHORTWAVE PANDEMONIUM--folk music from various countries, comedy and informal conversation, hosted by Kim Andrew Elliott, Jack Widner and Max Thomas in Indianapolis. (Radio Earth, in RIB #86, March 1984)

So ends another month of Program Panorama. Next month, we will look at some more interesting shortwave programs that you can listen to. We welcome your contributions--don't forget, summer is a good time to listen to shortwave--reruns on TV and lousy DX. 73, W. J. 5/11/84

# WORLD SERVICE STATION SKEDS

EMISSIONS

## PROGRAMMI

Editor:

TRASMISSIONI

BULLETIN DE PROGRAMMES

CHRIS LOBDELL

PROGRAMS

ENGLISH SERVICE

P.O. Box 146

Stoneham, MA 02180

SERVIZIO

PROGRAMME SCHEDULE

Deadline: 12th

COMUNICATI NEL CORSO

### IN MEMORIUM

Before we begin this month's column, I would like to say something regarding the sudden passing of a great man in the hobby, O.P. "Perry" Ferrell. On Easter Morning, just after midnight, we lost this man. He was struck headon by a car going in the opposite direction whose driver fell asleep at the wheel. His wife Jeannie, who was next to him in the car was slightly injured. For those of you who don't know, Perry Ferrell was founder of Gilfer Associates, the first company to specialize in equipment for the SWL and DXer. When I began to listen in earnest back in 1967, it was the only place to buy your WRTVH from. Perry was the former editor of Popular Electronics back in the 1960s, an expert on propagation and author of the acclaimed Confidential Frequency Books. He was in the process of editing a new edition when his death occurred. He will be missed!

We are now in the J84 broadcasting period which will remain in effect until the first Sunday in September. Please send in any new schedules for this period, in a month or so I want to publish a column featuring the North American services for as many countries as possible. Remember, times are in UTC/GMT and unless noted, schedules are for English programs. Onto the skeds:

**ALGERIA.** Radio-Television Algerienne in Algiers has this sked, dated April 1984.

2000-2030	9685	Europe
	15215	South America
	17745	Africa

(J. Talbot)

**BELGIUM.** The BRT in Brussels shows this North American Service sked valid until September.

0030-0115	9925	Daily
0715-0755	9880	Monday thru Friday
1400-1445	17610	"

(L. Klosowski, E. Soomre, R. Zilmer)

**CZECHOSLOVAKIA.** Radio Prague, undated current schedule. North American Service.

0100-0157	5930, 7345, 9540, 9630, 9740, 11990
-----------	-------------------------------------

0300-0357 same as above.

(E. Soomre)

**DENMARK.** Radio Denmark in Copenhagen has issued this J84 schedule. All transmission are in Danish, but there is a sign on announcement in English.

0900-0952	15165	South Europe/West Africa
1000-1030	11960	Greenland/Pacific
1100-1152	11720	Middle East/India
1200-1252	15165	Africa
1300-1352	15165	North America/Caribbean
1400-1452	15165	Southasia/Australia
1500-1552	15165	Western North America
1630-1730	15165	Greenland/Pacific
1800-1852	15165	East Africa/Middle East
1900-1952	11760	North America
200-2015	11805	South Europe/North Africa
2030-2045	11805	Greenland/Pacific
2100-2152	15165	South America/Caribbean
2200-2252	15165	Far East/Australia
2300-2352	15165	Western North America

(L. Danko)

**FINLAND.** Radio Finland-Helsinki. This sked is valid until September 23, 1984.

0430-0455	6120	Europe
	11755	"
	15430£	Europe/Middle East
0630-0655	6120	Europe
	11755	"
0700-0830Y	15265	Europe
	17845£	Australia/Far East
0830-0855	15265	Europe
	17845£	Australia/Far East
1100-1125Q	15400	North America
	17800£	"
1200-1225Q	15400	"
	17800£	"
1300-1325Q	15400	North America
	21475	Middle East
	25950£	Africa
1230-1425Y	15400	North America
	17800	"
1400-1425	15400	"
	17800£	"
1830-1855	6120	Europe
	11755	"
	15430	"

Y = Sundays Only

Q = Monday thru Saturday only

£ = Not available on Tuesday due to transmitter maintenance.

(R. Yajko)

**FRANCE.** Radio France International has introduced two new English newscasts beginning with the J84 period.

0315-0330	7135	East/Central Africa
	9545	East Africa/Indian Oc.
	9790	"
	9550	Middle East
	15180	South America
	15435	"
0345-0400	same as above.	(off-the-air)

FRENCH GUIANA. Radio France International has introduced two new English newscasts (see preceeding item under France) and it is believed that the transmission to South America is from the new relay station located at Montsinery. The transmitters are rated at 500 kw.  
0315-0330 15180, 15435  
0345-0400 " "

The location is assumed as no transmitter location is given.  
(off-the-air)

GABON. Radio Japan Relay over Africa #1 transmitters at Moyabi. J84 sked, valid till Sept. 1, 1984  
0700-0800 21575 Middle East/Europe  
1500-1600 21695 "  
(E. Soomre)

GERMANY(East): Radio Berlin International. Undated sked.

0015-0100	9730	Eastern North America	1700-1715	9920	No beam indicated
	11975	"		11590	"
0100-0145	9730	"		13720	"
	11975	"	1900-1930	9009	Africa
0230-0315	9730	"		11655	Europe/North America
	11975	"		12025	"
0330-0415	9560	Western North America		13745	"
	11840	"		15485	Eastern Europe
	11890	"		15585	Europe/North America
0630-0715	9560	"		17685	Eastern Europe
	11890	"	2130-2200	9815	Europe/North America
				11655	North/Latin America
				12025	"
				13745	North America/Europe
				15585	Latin America
				17685	Eastern Europe
				9440	North/Latin America
				9815	Europe/North America
				11655	North/Latin America

(D. Keenan)

GERMANY(West): Radio Deutsche Welle in Cologne has this J84 sked for the North American Service.

0100-0150	6040, 6085, 6145, 9545, 9565, 9590, 11785	2300-2330	9440	North/Latin America
0500-0550	5960, 6120, 9545, 9690, 11705		9815	Europe/North America

Note: some of these frequencies are broadcasts from relay transmitters such as Antigua/Montserrat and Malta.  
(R. Munster, R. Zilmer.)

The Deutsche Welle is testing some Upper Side Band transmissions during the J84 broadcasting Period. Here is the schedule.

0415-0550	6100	Arabic Africa/ME
0600-1000	21640	German Asia/Oceania
1130-1230	11850	Japanese Japan
1245-1350	21680	Indo. Indonesia
1400-1655	9715	German Middle East
1700-2130	7225	German Africa/Europe
2200-0400	9700	German South America

These transmissions are from Wertachtal with a 300 kw transmitter, in H3E, Lower Sideband suppressed and the carrier power reduced by 6 decibels, compared to the transmitters peak envelope power.  
(R. Munster)

IRAQ. Radio Baghdad sent this undated sked recently received.

0300-0400	21585	North/South America
2130-2230	9610	Europe

(T. McKeon)

No room to start Israel here. Will begin in the next column.

SPEEDX - THE CLUB THAT CARES WHAT ITS READERS THINK!

ISRAEL. The Israel Broadcasting Authority has published this J84 schedule.

0000-0025	9440	North America/Europe
	9815	"
	11655	"
0100-0125	9440	"
	9815	"
	11655	"
0400-0415	9009	"
	11655	Europe, North America
	12025	"
	15105	Eastern Europe
	15485	"
	15585	Europe/North America
	17630	Australia/NZ, Far East
1000-1030	11655	Europe/North America
	15485	Eastern Europe
	15585	Europe/North America
	15650	Australia/NZ, Far East
	17630	Europe/North America
	17815	"
	21625	Eastern Europe
	9920	No beam indicated
	11590	"
	13720	"
	9009	Africa
	11655	Europe/North America
	12025	"
	13745	"
	15485	Eastern Europe
	15585	Europe/North America
	17685	Eastern Europe
	9815	Europe/North America
	11655	North/Latin America
	12025	"
	13745	North America/Europe
	15585	Latin America
	17685	Eastern Europe
	9440	North/Latin America
	9815	Europe/North America
	11655	North/Latin America

(R. Zilmer)

HEBREW "RESHET BET" TO NORTH AMERICA

0300-0515	9385, 11590, 13720
0515-1000	17630
0515-1300	13720
0515-1800	15615
1000-1530	15105
1100-1300	17630
1800-2310	9385
1730-2210	9920, 11590, 13720

RESHET HEH  
2330-0000 9440, 9815, 11655  
(J. Levin)

ITALY. RAI in Rome. Complete J84 English schedule.

0100-0120	9575	North America
	11800	"
0350-0410	11905	Southeast Asia
	15330	"
	17795	"
0430-0440	6165	Mediterranean Area
	7275	"
1935-1955	7275	Great Britain
	9710	"
	11800	"
2025-2045	7235	Near East
	9575	"
	11800	"
2200-2225	9710	Japan
	11800	"
	15330	"

(R. Zilmer)

JAPAN. Radio Japan (NHK) in Tokyo has published the following J84 regional service schedule.

0000-0100	15300	North America
	17825	"
0145-0245	15195	American/Hawaiian Serv.
	17825	"
	21610	"
	21640	"
0630-0700	17785	Europe
0845-0945	11875	Australia/New Zealand
	15235	"
1215-1245	11875	Southeast Asia
	15235	"
1800-1830	11840	South Asia/Africa
	15235	"
1930-2000	9615	Europe
	11705	"
2015-2045	9615	Middle East
	11705	"

(R. Zilmer)

NEW ZEALAND. Radio New Zealand has this J84 sked.

0345-1215	11960	Australia/Pacific
0530-1215	9520	"
1800-2115	11960	"
2115-0330	17710	"

(A. Smith)

NORWAY. Radio Norway International in Oslo. They present a 30 minute English program starting at 1000 Sunday and repeated until 0500 Monday. J84 sked.

1000-1030	9590	Europe
	15225	Far East
	17810	Australia
1300-1330	9590	Europe
	15165	Asia/Australia
	15175	Eastern North America
	21700	Middle East/East/S. Afr
1400-1430	15165	"
	15205	South Asia/Australia
	15225	Middle East/Indian Ocean
1600-1630	9600	Europe
	17740	Middle East/East Africa
	21725	"
1700-1730	15205	Eastern North America
	15175	Europe/Africa/S. Amer
	15225	Middle East/Africa
1900-1930	15175	Eastern North America
	15180	New Zealand
	15205	"
2000-2030	6015	North Europe
	15165	Mediterranean/Africa
	15175	South America
	15205	Europe/Africa/S. Amer
2200-2230	11860	Far East
	15180	Europe/South America
	15205	Australia
0000-0030*	11870	Eastern North America
	11855	South Asia/Australia
	15165	South America
	15225	South Asia/Australia
0400-0430*	9645	Western North America
	9565	Eastern North America
	15180	Middle East/East Africa
0500-0530*	11860	Western North America
	11870	ME/East & South Africa
	15180	Europe/New Zealand

\* = Monday GMT  
(D. Claytor)

PAPUA-NEW GUINEA. Here is a listing of shortwave stations operating out of this area. Sked is dated April 1983.

NATIONAL STATIONS

PORT MORESBY	3925	0730-2230	10 kw
"	4890	24 HOURS	"
MT. HAGEN	5965	2230-0630	2 kw
RABAUL	5985	2230-0630	10 kw
KEITA	6020	2230-0630	10 kw
ALOTAU	6040	2230-0630	10 kw
DARU	6080	2230-0630	10 kw
WEWAK	6140	2230-0630	10 kw
PORT MORESBY	9520	2100-0800	10 kw

PROVINCIAL SHORTWAVE STATIONS

KIME	2340	0700-2200	2 kw
KUNDIAWA	2376	"	2 kw
WABANG	2410	"	2 kw
MANUS	2428	"	2 kw
MT. HAGEN	2450	"	2 kw
POPONDETTA	2468	"	2 kw
VANIMO	3205	"	4 kw
LAE	3220	"	2 kw
KEREMA	3245	"	2 kw
MADANG	3260	"	2 kw
MENDI	3275	"	2 kw
PT. MORESBY	3290	"	2 kw
DARU	3305	"	10 kw
KEITA	3322.5	"	10 kw
WEWAK	3335	"	10 kw
ALOTAU	3360	"	10 kw
RABAUL	3385	"	10 kw
GOROKA	3395	"	2 kw
KAVIENG	3905	"	2 kw

Many thanks go to Joe Talbot of Alberta in Canada for forwarding this list. Languages vary from English, Pidgin and local.

PORTUGAL. AWR-Europe has the following Sunday schedule via RTE-Sines.  
0800-0930 9670  
(E. Soomre)

USA. WRNO-New Orleans. J84 sked good until October.

0100-0300	7355	WORLD'S FAIR STANDBY	
0300-0500	6185	FREQUENCIES	
0500-0700*	6045	1700-1900	15140
0700-0900*	9585	1700-2100	17775
0900-1200*	6185		
1200-1400*	9715		
1400-1500*	11965		
1500-1700	11965		
1700-2100	15420		
2100-2300	11965		
2300-0100	9705		

(A. Smith)

CONTEST

It seems nobody knew the answer to the contest I've been running for the past couple of months. The answer: "OCORA". That is what those African QSL cards from former French colonies used in the 1960s were called.

For the NEW CONTEST QUESTION: What does OCORA stand for? Prize: 2 IRCs (4 IRCs for overseas readers).

Thanks for all the great support!

73/God Bless,



YOU ARE PART OF THE BEST - SPEEDX!!

PAKISTAN: Radio Pakistan, 12015, f/d cd for FF report on FF transmission in 4 months (Rousell-NeB).

PHILIPPINES: FEBC-Manila, 11890, f/d QSL typed on back of paper pennant, along with nice 6" x 9" cloth pennant, sked and Christian Literature in 6 weeks, 3 IRC (Lobdell-MA).

SRI LANKA: Adventist World Radio via SLBC, 15120, f/d card, stamp, info sheet and reception report form in 69 days, IRC (Sato-Japan).

#### ANTARCTICA

LRA36, Radio Nacional Arcangel, 15474, date only personal letter in 95 days, EF report, 2 IRC (Welch-MA). Welcome to the "Way Down Under" Club, Frank (kap).

#### OCEANIA

AUSTRALIA: Radio Australia via Sheperton, 60880, f/d card in 25 days (Cord); 11725, in 25 days (Dan Johnson-CA); 17795, f/d cd in 21 days (Ryeder-FL); 21740, f/d card in 17 days (Starr-GA); ABC-VLW9, 9610, f/d Map Cards in 29 days, IRC (Parks-FL), in 36 days, IRC (Robinson-TN), in 22 days (Weikel-MI), in 21 days (Harris-OH); VLQ9, 9660, f/d Map card in 29 days (Harriss). One of the "Map" cards that ABC issues swos Papua New Guinea as part of Australia, though such has not been the case for several years now (kap).

COOK ISLANDS: Radio Cook Islands, 11760, f/d "Conch Blower" card in 26 days, 2 IRC (Stephany-NY).

GUAM: KTWR, 9505, f/d calendar card in 15 days, ms (Harriss-OH); 11840, f/d Logo card in 28 days, ms (Ward-PQ).

NEW ZEALAND: Radio New Zealand, 11960, f/d scenic card in 18 days, 2 IRC (Starr-GA); 11945, same in ??, 2 IRC (Ward-PQ); 17705, f/d card and sked in 11!!! days, IRC (Rising-CA).

SAIPAN: KYOI, 9670, f/d "Woodpecker" card in 10 weeks, ms (Welch-MA), same in 11 weeks, taped report, ms (Kapiros-MA); 15415, same in 30 days, IRC (Sato-Japan). Special thanks to Hiromasa Sato for the beautiful snow sculpture card you send me (kap). 9670, same cd in 25 days, ms (Radtko-CA).

SOLOMON ISLANDS: SIRC, 5020, f/d logo card in 29 days, ms (Ledford-NJ), same in 58 days, IRC (Sato-Japan); 9545, same in 19 days, 2 IRC (Greenbauer-AZ).

PAPUA NEW GUINEA: Radio North Solomons, 3322.5, f/d personal letter in 20 weeks after follow up, 77 weeks total, ms; Radio East New Britain, 3385, f/d PFC in 6 weeks, 3rd follow up, 101 weeks total, ms; Radio Western Highlands, 2450, n/d letter, paper pennant, blank "map" card 5 weeks after follow up, 28 weeks total, ms. This fine trio of reports all from Wilkins-CO.

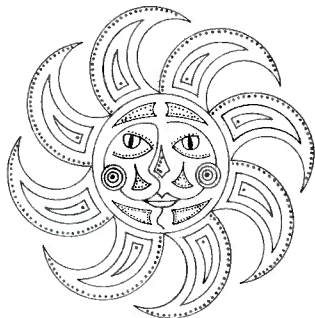
#### SOUTH AMERICA

ARGENTINA: RAE, 9690, 11710, 15345, n/d cards, pennants, stickers, personal letters, etc in 38 days (Krist-VA), in 28 days, 2 IRC (Greenbauer-AZ), in 38 days (Starr-GA), in 31 days (Welch-MA), in 30 days (Baxter-KS), in 67 days (Casavant-PQ).

BRAZIL: Radio Guarini, 6175, p/d letter in 45 days, PP report, IRC (Sato-Japan); Radio Marumby, 9675, f/d PFC in 3 weeks after follow up, 94 weeks total, PP report, ms (Wilkins-CO), postcard and letter in 2 months, v/s Robertson Da Silva Cardoso (Stark-NeB); Radio Bras, 15290, 17830, f/d cards in 18 weeks (Wilkins-CO), in 153 days (Ledford-NJ), in 90 days (Wettersten-OH), in 83 days (Claytor-MI), in 46 days (Trager-CA), in 71 days (Gunter-NC).

BOLIVIA: Radio Panamericana, 6105, f/d Logo and Map card in 61 days, IRC (Sato-Japan).

COLOMBIA: Radio Super, 4875, date/time very friendly personal letter in 640 days (file cleaning time) along with stickers, SS report, ms (Kanopka-NY); La Voz de la Selva-Florencia, 6170, date/frequency personal letter and post card in a month, v/s Eliecer Leon, Director, SS report and tape along with ms (Lobdell-MA).



## **SPEEDX**

### **Western Hemisphere**

**EDITOR:** JOHN CEREGHIN WDX3IAO  
P.O. BOX 119  
CHARLESTOWN MARYLAND  
21914 USA

**Deadline: 12th**

**All times and dates UTC, All freqs in kHz**

JUNE 1984

As you can see above, I'm now in Charlestown for the summer, and the next 3 or 4 columns will be done here. Classes at UMaryland crank up again on Sept. 4th, so it'll be the September column before I'll be back in Morningside. Just for the record, Morningside and Charlestown are about 100 miles apart. Morningside is about 5 miles southwest of Washington, and Charlestown is almost directly halfway between Baltimore and Philadelphia.

If everything holds up, then I can proudly say we have a new publisher! Tom Kephart out in Mt. Pleasant MI now is perhaps the most single important person in SPEEDX. Let's face it, if it wasn't for the publisher, then there would be no column, and you couldn't read my constant dribbling every month!

Carl Huffaker in Mexico City has been continuing his observations of LV del CID on 5105 khz. He says that the 5105 outlet shows a continued strong signal under all propagation conditions, and what variations there are follow the Honduras pattern. The Florida sites show a somewhat different pattern. This tends one to believe that we should change its QTH to "presumed Honduras" instead of "Clandestine." Well, if I, as an editor, introduce a "presumed Honduras" subsection, then I'll need "sort of USA" for pirates, and "not quite Ecuador" for Galapagos Is.! So for now, well just put "presumed Honduras" on the back burner, until I get 12 pages a month!

#### BECMS news:

**FRENCH GUYANA...**One of the transmitters at the new SW relay station had begun operating on 1/23. Another 500kw transmitter would go into operation towards the end of the year. (Now get this..jc)When all three transmitters were in operation, they would be using up to 25% of the total electrical production of French Guyana.

With regards to RFI's expansion program over the next 5 years, the head of the English-language department said that from May 6th, RFI would be adding a 30 minute BE world service program at 0330. It would be relayed from French Guyana.

**DOMINICAN REPUBLIC...**the newspaper 'Listin Diario' reported on March 9th that the radio station Alpha Omega had celebrated its 11th anniversary of religious programming. It was on the air daily on 93.5 Mhz from 1300-1430 and planned to transmit nationwide on 4750 khz.

**NICARAGUA...**the Voice of Nicaragua external service announced on March 21st that from March 25th, it would be broadcasting on a new frequency of 6100, with 11870 as an alternate. Monitoring observations confirm that VON had switched from 5950 to 6100. It was observed in operation between 1200 and 2010. Nicaragua also registered the use of a 50kw transmitter to beam programs on the above frequency (6100) from 0000-0600 and 1000-1300 to the Americas.

From the April SPEEDXGRAM...

**CANADA...**from Glenn Hauser on World of Radio, WRNO 3/23...BEC via Sackville has moved to 9515 ex 5965 (1100-1330) also 11775 replaces 9515 (1600-1745) //15260.

**HAITI...**4VEN was observed in FF carrying FEBA programming with FEBA IDs (Bob Rankin OMDXC)



PERU...R. Tarma, 4775 was observed with EE IDs at 1057 on 3/7 (Wilkner OMDXC)  
USA...a number of new private SW stations are planned in the US. They include  
R. USA corporation in Napa CA with a jazz format in SS to Latin America.  
High Adventures Ministries for a 100kw in CA. A station in Salt Lake City  
with 100kw to simulcast KRSP w/Top 40 mx. A station in Dallas run by the  
Criswell Bible Inst. to relay KCBF FM to LAM. A 100kw station in Alabama to  
broadcast sports, soap operas, and phone ins. A religious station in  
Los Angeles with 100kw. WMLK in Bethel PA, operated by the Assemblies of  
Yahweh (R, Netherlands Medianetwork, 3/22 and 3/29)

Remember, if no language is given, the station was reported in SS (PP for  
Brazilian stations).....

A R G E N T I N A

9710 0825 R. Nacional de Buenos Aires, Argentine tango mx, TC, //9690  
w/very good sig (232 5/2 Matsui JP)  
11710 0201 RAE, EE, nx, tx abt Argentina's relation with Mexico, guitar  
mx (353 4/9 Bingham MA)  
15345 0259\* RAE, EE, multiple IDs, "Mailbag", //11710, QRM de 15340 TWR  
(232 4/14 Hevern NY)(Harrell IL)(Berkholtz MI)+5  
6060 0830 RAE (out of order ic)tango mx (343 4/19 Huffaker MX)

B O L I V I A

4755 1033 R. Emis. Bolivia, andean mx, ID "Desde Oruro, R. Emis. Bolivia"  
nx (gd 4/12 Parks FL)  
4876 0100\* R. Cruz del Sur, taped reg px w/usual out-of-country mailing  
QTH (this station a regular here)(433 4/17 Huffaker MX)(fr/pr  
4/13 Parks FL)  
4945 0903 R. Illimani, picked up during s/on w/mx and poetry, ID with  
QTH and telephone #, then into discussion of economic  
situation (444 4/14 Huffaker MX) //(443 4/26 Matsui JP)  
6105 1035 R. Panamericana, mx px "Bolivia Antena", folk mx, strong sig

B R A Z I L

3375 0950 R. Nacional Sao Gabriel do Cachoeira, lite Braz mx (333 4/26  
Coomler WA)(444 4/19 Huffaker MX)  
4755 0407 Rdiff Maranhao, Braz mx (343 4/7 Huffaker MX)  
4815 1023 R. Nacional de Tabatinga, rancheros, amnt of special px for  
Holy Week (444 4/19 Huffaker MX)(222 4/22 Gunter NC)  
4875 0300 R. Nac do Boa Vista, freqs given, then carrier off- back on  
several minutes later w/Braz mx (433 5/6 Schmautz NY)  
4905 0215 R. Araguaia, US/Braz pops, gd lvl (433 5/6 Schmautz NY)+1  
4915 0035 R. Anhanguera, soccer game, short songs played after goals  
scored. QRM (222 4/27 Dillon PA)(444 5/1 Prath FL)+1  
4985 0030 R. Brasil Central, LA mx w/occasional US songs, TCs, QRM  
(232 4/18 Dillon PA)  
5040 0252 R. Cultura do Para, Braz mx, 0300\*, lots of QRM, but good  
otherwise (444 4/24 Dillon PA):0740 (342 5/3 Thompson CA)  
6000 0737 R. Inconfidencia, reverbs, SS mx (211 4/26 Ruckman OH)  
6020 0905 R. Universo, Braz pops, QRM from R. Moscow in JJ (222 4/26  
Matsui JP):0815 (322 4/26 Ruckman OH)  
6035 2355 R. Globo, reverbs, commercials (131 4/22 Ruckman OH)  
9675 0830 R. Marumby, ID "...onda corta, 9675 khz, R. Marumby...a major  
potencia...Brasil!", Braz pops (343 4/27 Matsui JP)  
9705 0035 R. Nacional, Braz mx, TC, splash from both sides (322 4/19  
Dillon PA)  
11780 \*0758 R. Nacional do Amazonia, IS, chimes, opening mx, opening  
amnt "Bon dia, amigos da Amazonia...RN da Amazonia, Emissora  
Radiobras." into Braz pops.//9680 (444 4/26 Matsui JP)  
15290 \*0200 Radiobras, EB, wx, nx, Braz mx, exc reception (555 4/15  
Neuwerth CO)(434 4/27 Swinn CA)(333 4/13 Addison KS)+5

C H I L E

9550 1205 R. Nacional, nx and info "Onda Noticiosa". ID "...Nac de  
Chile...emisora...Onda Noticiosa" (322 4/26 Matsui JP)  
15140 0317 R. Nacional, ID "RN de Chile", LA/US ballads, nx over songs.  
Weak but clear, no QRM (242 4/30 Hevern NY)

C O L O M B I A

4755 0520 CARACOL, lite US rock mx, echo effect, CARACOL jingle. Good  
except for QRM (444 4/19 Dillon PA)  
4865 0335 LV del Cinaruco, nx, ads, CARACOL ID (444 4/18 Dillon PA)  
4875 0405 R. Super, nx, ads, nx analysis (333 4/18 Dillon PA)  
4885 0354 Ondas del Meta, DJ w/enthusiastic shout of "Ondas del Meta"  
lively LA mx (333 4/18 Dillon PA)

C O L O M B I A continued

- 5040 0401 R. Cinco, fast-paced amcr who liked to roll his r's. Only tx, no mx, so I left (333 4/14 Dillon PA)
- 5095 0200 R. Sutatenza, EZL-type mx, ID on the hour (323 5/7 Sable NY)
- 5955 0830 LV de los Centauros, fade-in at 0800, LA mx, slight het (121 4/26 Ruckman OH)
- 5975 0930 R. Macarena, ballads, gd mx (353 4/26 Ruckman OH)
- 6065 2300 R. Super, usual LA mx, OM w/"Super...Super...en Bogota" Euro QRM (422 4/28 Prath FL):0950 (333 4/24 Ruckman OH)
- 6115 0630 LV del Llano, LA mx, TCs, Super network IDs, promos (333 5/3 Schmutz NY)(6118 4/3 4/8 Dillon PA)
- 6117 0755 R. Super, normally on 6120, ID "Super, Colombia", LA vocal mx, TCs, minor VOA QRM de 6125, low QRN, clear tonight (343 4/19 Hevern NY)(444 5/1 Witte CA)
- 6150 0428 LV de Huila, (I think they used to call this mx "Porros", a verse and repetitive chorus), IDs with TCs between selections were "R. Reloj", normal IDs on 1/2 hour (444 4/19 Huffaker MX):0810 (232 4/19 Hevern NY)

E C U A D O R

- 3315 0343 R. Pastaza, LA popular mx, IDs on the 1/2 hour (242 4/19 Huffaker MEX)
- 3280 1001 LV del Napo, s/on amnt over Blue Danube mx, followed by a long list of "saludos" and "Buenas Dias" to listeners, TCs (444 4/19 Huffaker MX)
- 4656 0040 Rdif del Ecuador, song "Chiciquitta" (spelling is tent.) (I don't blame you, hi! jc) by Abba, ID, brief tx (444 5/1 Prath FL)
- 4680 0506 R. Nacional Espejo, ballads, ID (343 4/7 Huffaker MEX)
- 4920 0250 R. Quito, mx, bank ads, reg px, probably on because of Holy Week, harp mx, ID "R. Quito, LV de la Capital", TC (333 4/18 Dillon PA)
- 4977 1153 R. Tarqui, mx w/TCs btwn items, casual IDs before ads (544 4/6 Huffaker MEX)
- 5015 0855 R. Populares, harp mx, tx w/child, rooster crows and cow sounds. (545 4/7 Robinson TN)
- 5064 0249 R. Progreso, llano mx, full IDs (343 4/6 Huffaker MEX)
- 6050 0150 HCJB, local service, sports (232 4/14 Ruckman OH)+1
- 6095 0500 HCJB, EE, reg mx (545 5/5 May OH)(444 4/25 Bingham MA)+1
- 6100 0530 HCJB, EE, error or test (nom 6095)(probably just a screw-up jc)reg px (545 3/29--too old, I let this slip by..jc Robertson WA)
- 6125 0628 HCJB, EE, "DXPL" (444 4/15 Lord CA) +1
- 9745 0230 HCJB, EE, "DXPL" (433 4/9 McKinney PA)(444 4/5 Addison KS)
- 0400 HCJB, EE, LA mx, "Happiness Is..." //15155, reception was excellent (555 4/13 Neuverth CO)
- 11740 1400 HCJB, EE, "Nature Trail", mx (333 4/21 Dillon PA)
- 11960 0359 HCJB, mx, TP, ID (555 4/19 Femyer AZ)://6050 (333 4/30 Hevern NY)
- 15115 1500 HCJB, EE, "Shalome" (353 4/23 Bingham MA)
- 15155 0146 HCJB, EE, "Passport" (333 4/26 Cox CA)(Berkholtz MN)
- 0230 HCJB, EE, "DXPL" (gd 4/29 Harrell IL)(Marcie NJ)
- 0300 HCJB, EE, EE, guidelines for family living, //9745 (555 4/13 Neuverth CO)
- 15160 1921 HCJB, LA mx, TPs, nx (423 4/27 Berri CA)
- 15250 0030 HCJB, EE, "Thru the Bible" (454 4/10 Muzyka NY)(Bingham)+1
- 15295 0200 HCJB, EE, "DXPL" (433 4/15 Marcie NJ)
- 2132 HCJB, EE, "DXPL" (454 4/9 Bingham MA)
- 15390 1355 HCJB, reg mx, including Handel's Messiah, tx, plays, sermon. Listed as 15395 in WRTH (433 4/20 Dillon PA)
- 15395 1440 HCJB, tx abt "La Comisa", mx (555 4/7 Robinson TN)
- 17790 1902 HCJB, EE, "Passport", report from NASA (353 Bingham MA)
- 17890 1400 HCJB, EE, "Morning in the Mountains" //11740 (343) 15115 (444) (444 5/4 May OH)(343 4/8 Dillon PA)
- 1500 HCJB, EE, "Shalom" (433 4/24 Caceres NY)(Bingham MA)
- 21477.5 2150 HCJB, EE, DXPL, amnd 21477.5 (243 4/21 Hardester NC)

F A L K L A N D I S L A N D S

- 2380! \*0859 FIBS, EE, martial mx s/on, B3CWS w/multiple B3C IDs, wx faintest reception I've gotten (via ECSS3 tuning) QSB too severe after 0915. Got it! (131 4/26 Hevern NY)(Great catch, Vincent! This is the first report I've ever seen of this frequency in the morning! Good job! jc)

F R E N C H G U I A N A

5055 0045 RFO, FF, pops, Indian/Indonesian mx, NA, IS, 0105\*, mixing with TIFC (pr 4/23 Parks FL):0907 (343 4/19 Hevern NY)  
 9605 2300 RFI Relay, FF, IS, ID w/freqs (any site or relay ID? If not, then this should be listed as tent. I hate to keep harping on that, but offically, that's the lowdown jc) nx headlines, instrumental FF vocal mx (322 4/7 Soomre MA)  
 15180t 2338 RFI Relay, FF, mx w/heavy drums, RFI ID, mx, nx (222 5/2 Knapp WV)

G U Y A N A

5950 0846 GEO, EE, Indian-style mx, "Morning nx from Channel 2" faint sig, but little QRM/QRM (242 4/19 Hevern NY)

P E R U

3310 1007 R. Bagua, TC "las 6 y 7 minutos en R. Bagua" (343 4/6 Huffaker MX)  
 4775 1015 R. Tarma, mx, andean jazz, TCs "...en R. Tarma" (343 4/19 Huffaker MEX)  
 4790 0426 R. Atlantida, EZL mx, NA and martial mx to 0449\* after "Peru Viva" crv. Some QRM de RTTY and ARO CW (252 4/7 Hevern NY)(343 4/7 Huffaker MX)(4/23 Jones TX)  
 4825 0957 LV de la Selva, tune-in to OM giving complete station info, s/on?, into drama px (433 4/26 Coomler WA)+1  
 4840 0003 R. Andahuaylas, mx, huaynos and ballads, YV absent for Holy Thursday (pr 4/20 Parks FL)  
 4935 0150 R. Tropical, Tropical mx and "Tropical" ID (343 4/6 Huffaker MEX)  
 4950 1028 R. Madre de Dios, NA, theme ("Tonight We Love"), w/long s/on amnt over (444 4/19 Huffaker MEX)(2345, 4951 fr 4/6 Parks FL)  
 4955 \*1047 R. Cultural Amauta, opens w/OA NA, brief mx bridge, YL w/noticias. QSBed 1105 (fr 4/27 Parks FL)  
 4956.5t 1040 LV de Cutervo, amnts, TCs GME-5, huaynos, ID sounded like "...transmitte Cutervo...4965 khz en la banda de 60 metros." QSBed at 1056. Bursts of CW. Codina lists stn on 4965.8 as above (fr/pr 4/29 Parks FL)  
 4975 0405 R. del Pacifico, a strong sig and in the clear all week and consistantly better than the near frequency Venezuelans, quite a change in this part of the dial (444 4/19 Huffaker MEX):0430\*, anti communist tx (fr 4/19 Parks FL)  
 4996 0115 R. Andina, LA pops, tent ID, QRM via Moscow Time Station (that's pretty good QRM..jc)(222 5/1 Prath FL)  
 5025 0245 R. Quillabamba, ID "desde la ciudad de Quillabamba, capital de la...departamento de Cuzo transmitte Radio Quillabamba" 0300\* (322 5/1 Falbo OR)  
 5030 0057 R. Los Andes, full ID at 0058 (444 4/6 Huffaker MEX)  
 6010 1110 R. America, mx, banco de Lima ad. ID "R. America" (444 4/19 Huffaker MEX)  
 6115 0715 R. Union, rancho mx (444 4/24 Ruckman OH)(Falbo OR)  
 6190 1034 R. Oriente, mx, 3 IDs in a row, strong het (211 4/24 Ruckman OH)  
 7412vt 0200 R. Cajabamba, tx, "Programa Super Romantica" w/ballads. ID sounded like "R. Cajabamba" with QTH in same city. 0238\* preceeded by "Cajabamba" departamento. NA, UTE QRM (fr/pr 4/19 Parks FL)  
 9988t 0150 Estacion Dos Mil, DJ playing LA ballads, occasional amnts, SSB UTE QRM het, station located in Rioja and running 12 watts per Ralph Perry (I must say, you certainly come up with most interesting stations to report, Bill! jc) (pr 4/17 Parks FL)

U R U G U A Y

11835a 0043 R. El Espectador, "Informa Espectador" nx px on LA (333 4/27 Leeman RI)

V E N E Z U E L A

3225 0207 R. Occidente, rumba mx, anuncios, some T-storm QRM (fr 4/13 Parks FL)  
 3255 0115 R. 980/LV de El Tigre, LA mx, ads, IDs mentioned R.980 Novecientos Ochenta" and "LV de El Tigre". Fair sig, but too much QRM (343 4/27 Dillon PA)(1010 343 4/19 Huffaker)

more Venezuela on the next page!

more V E N E Z U E L A !!!

3275 0220 R. Kara, LA mx, TCs, ads, car crash sound effects (333 4/18 Dillon PA)(343 4/19 Huffaker MEX)

4770 0142 R. Mundial Bolivar, LA vocal mx, QRM de Mayak 4765, moderate fading (333 4/30 Hevern NY)

4830 0130 R. Tachira, YVOB, EZL mx, some orchestra/classical mx, ment of "LV Romantica" (333 4/23 Hardester NC)(433 5/2 Prath FL)

4840 0008 R. Valera, IDs "R. Valera, siempre con la hora!", very lively LA vocal mx, moderate RTTY, fading (232 5/2 Hevern NY)

4850 0340 R. Capital, EE pop mx, IDs, NA, 0359\*, listed in WRTH as 1kw (but it sounds stronger, doesn't it? jc) much QRM (553 4/16 Hesch NY):0810 (252 4/8 Jones TX)+4

4970 0150 R. Rumbos, LA mx, ads, IDs (222 4/18 Dillon PA)

4980 0308 Ecos del Tobras, IDs, caribbean mx (555 4/8 McKeon IN)+2

4990 0103 R. Barquisimeto, LA mx, IDs, TCs (232 4/18 Dillon PA)

5030 0322 R. Continente, LA pop mx, ads (343 5/6 Thunberg PA):0003\* (must have been one of those early sign offs, as I've heard then past 0500 at times jc)(pr 4/12 Parks FL)+2

6180 1024 R. Turismo, LA mx, ID btwn songs (333 4/21 Dillon PA)

9660 2245 R. Rumbos, latin mx, IDs (343 5/5 Weikel MI)+3

\*\*\*\*\*  
 NORTH AND CENTRAL AMERICA

A L A S K A

9685 0720 KNLS, EE, big band px (not my kind of mx, but very well done with interviews), reg px (555 (that's awful strong Tom! jc) 4/19 McKeon IN)

A N T I G U A

6040 0100 DW Relay, EE, nx, German hit parade, GG lesson (544 4/29 Klosowski FL)(444 5/2 Gunter NC)

6175 0203 BBC Relay, EE, wld nx (333 4/24 Stiner NY)

0300 BBC Relay, EE, "The World Today" (444 4/10 Dillon PA)

9510 0510 BBC Relay, EE, "Letterbox" (555 4/29 Klosowski FL)

0624 BBC Relay, EE, British nx (555 4/13 Dillon PA)

9690 0500 DW Relay, EE, wld nx, //9545,6120,5960 (333 4/23 Unruh HI)(444 4/18 Grosvenor CA)

9735 1125 DW Relay, GG/EE, cmnty, GG mx, EE ID (444 5/6 Weikel MI)

11750 0000 BBC Relay, EE, wld nx, "News About Britian", "Radio Newsreel" (433 4/27 Dillon PA)

11775 1500 BBCWS Relay, EE, "Radio Newsreel" (333 4/21 Dillon PA)

C A N A D A

5960 \*0059 RCI, EE, sx, "Mailbag" jocularitv (hi!) //9755 (433+ co-channel)(444 4/16 Hevern NY)(555 4/13 Dillon PA)

0300 RCI, EE, "Mailbag" (555 4/30 Klosowski FL)

2320 RCI, EE, Canadian mx, 2329\* suddenly (454 4/23 Bingham)

6005 0703 CFCX Montreal, EE, local and trans-Canada nx, sx, local ads. "CFCF R. Montreal" ID, into adult contemporary mx tho I'm a contemporary adult and prefer heavy metal! (I don't like rock, I'm into country because I like to listen to music where I can understand all the words in the song, something I can't do when I hear a rock song, hi! jc)(fr/gd 4/28 Sheedy CA)(555 5/2 Duguay MA)+4

6065 1327 CBCNQSWs, EE, ID "This is CBC Radio", "The Food Show" (454 4/8 Bingham MA)

6070 0718 CFRX Toronto, EE, ad for Panasonic TVs, pop mx, TCs (333 4/13 Blanchette FL):a regular here now (343 4/19+2 Huffaker MEX)(232 4/22 Duncan NC)(333 4/13 Berkholtz MN)

6120 0324 BBC, Sackville Relay, EE, "The World Today" (454 4/19 Femyer AZ)(444 4/8 Dillon PA)

6160 \*0926 CKZN St. John's, EE, NA, opening amnts, CBC nx, "The Morning Show" (233 4/12 Coomler WA)(141 4/24 Ruckman Oh)(322 4/24 Gunter NC):0809 (242 4/16 Soomre MA)

9535 2330 RCI, FR, Canadian nx (444 4/13 Langlois GA)

9625 1430 CBC, EE, tx on currency and exchange rates (555 5/1 Duguay MA)(322 4/29 Berkholtz MN)(Bingham MA)

9755 0000 RCI, EE, "SWLD", is 1/2-hour later than WRTH sked and spring skeds (454 4/9 Card RI)(444 4/29 Marcie NJ)+3

11720 2100 CBCNQSWs, Eskimo, tx, pop mx, co-chan QRM de unid FF station (323 4/19 Dillon PA)

11945 2129 RCI, EE, African Svc, "SWLD" (544 4/14 Hesch NY)

C A N A D A...continued

15260 1800 RCL, EE, world nx (4/20 444 Stephenson ??)  
 15325 1729 RCL, GG, "Mailbag" (444 4/29 Berkholtz MN)  
 1800 RCL, Hungarian, wld nx, "Ave Maria" sung, gregorian chants  
 (must be Easter px), ID in EE/FF (444 4/21 Dillon PA)  
 17820 1900 RCL, EE, "SWLD" (322 4/15 Marcie NJ)  
 1812 RCL, EE, Afro Svc, "Spectrum Canada" (353 4/24 Bingham MA)  
 2143 RCL, EE, Afro Svc, "SWLD" (555 4/14 Waelterman MO)  
 2305 RCL, SS, world nx (444 4/21 Grosvenor CA)

Sorry, but I will not print CLANDESTINES or PIRATES this month, due to impending space limitations. I feel that I should do my best to print the loggings of all the legal broadcasters first, and if I still have room, then the illegal broadcasters will be printed. This month however, I have less room, so the illegal broadcasters will have to take a back seat. Thanks for your understanding...jc

C O S T A R I C A

4825 0415 R. Columbia, LA mx, ID. This station has it's own theme song (444 4/8 Dillon PA)  
 4832 0500 R. Reloj, ID "R. Reloj", clock ticking in the backround, EZL mx, TCs, (they're laid-back on Sundays)(444 4/8 Dillon PA):0722 (242 4/23 Hevern NY)  
 5055 0344 Faro del Caribe, TIFG, EE/SS, EE reg px, into SS for ID, some het, no 779645 (333 4/7 Hevern NY)(433 4/7 Gunter NC)  
 5954 1132 R. Casino, ad string, nx brief, TC, weak het de unid. HJ absent this morning (a good time to try for this one is around 0500-0600 or so, when they have an EE px. It's not on all the time, but give it a shot. jc)(fr 4/27 Parks FL)  
 6073 0345 R. Rumbo, EZL LA tunes, ID, ads, KOed at 0400 by unid (Portugal) on 6075 (fr 4/16 Parks FL)(534 4/19 Huffaker)  
 6150 0400 R. Impacto, ID, mx, an extraordinary amount of ARO ORM (here? You sure that you weren't catching some images off 40 meters instead? jc), lost after a few minutes, but back by 0430 recheck (322 4/8 Dillon PA) Prath FL  
 6175 1140 Faro del Caribe, reg tx, gave QTH in San Jose (444 5/6)

C U B A

4765 0425 Mayak Relay, RR, tx, sounded political, cultural px (444 4/18 Dillon PA)  
 5025nf? 2354 RHC, usual px directed to CA, mostly Cuban mx, ID & freqs (but not this one)(gd 4/5 but not hrd since Parks FL)  
 10000 2350 R. Moscow Relay, EE, RM's NA Svc mixing w/WV. Presume this is via Cuba (fr 4/17 Parks FL)  
 11725 0658 RHC, EE, LA pops, ID "You are listening to R. Havanna Cuba", interview w/Afgan ambassador, IS, closing amnt, NA, 0758\* (443 4/28 Matsui JP)  
 11760 1731 RHC, piano mx, ID, piano playing variations on R. Moscow IS (433 4/16 Dillon PA)  
 0342 RHC, EE, nx, cmnty, //11930, sx (444 4/19 Femyer AZ)  
 11840 1720 R. Moscow WS Relay, EE, cmnty, nx, "Jazz Show" (444 4/10 Dillon PA) Duncan NC  
 2015 R. Moscow Relay, EE, px on chemical weapons (433 4/23)  
 11930 0100 RHC, EE, nx, cmnty, sx, "Musical QSL" (545 4/27 Falbo OR)  
 15175 2025 RHC, EE, px on nationalization of industries (323 4/22 Duncan NC)  
 15425 1430 RHC, relaxing mx, IS (444 4/20 Dillon PA)  
 17750 2100 RHC, EE, wld nx (343 5/5 May OH)  
 17800 2040 RHC, AA, ID, political tx, marching mx (433 4/9 Dillon PA)

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

11700 1905 R. Clarin, "Panorama Mundial", hets (232 4/26 Hevern NY)+1

G U A T E M A L A

4835 0200 R. Tezulutlan, marimba mx, either completely covered by R. Reloj abt 0220 or went off (222 4/27 Dillon PA)

H A I T I

4950 1030 4VEH, Creole/FF, usual px in Creole until 1100, then FF on. IDs on the 1/2-hour and on the hour. A move from 4930 (444 4/25 Cunningham OH):0301\* (444 4/26 Huffaker MX)+3

H O N D U R A S

3250 0020 R. Luz y Vida, ID, brief nx, then to slow LA mx (333 5/3 Prath FL)(233 4/17 McKeon IN)(333 4/27 Dillon PA)

H O N D U R A S...continued  
4820 0102 LV Evangelica, special hookup for Presidential message  
(net ID "Cadena Nacional"), reg px at 0113, a lot of XE  
UTBs on freq (423 4/6 Huffaker MEX)(322 4/30 Palbo OR)+1


M E X I C O  
6105 0420 Su Pantera, disco mx, wild sound effects, this station is  
only .25kw? Incredible! (433 4/15 Dillon PA)(Robinson TN)  
6115 0011 R. Univ. de Sonora, classical vocals (add a sad face here,  
drawn by Peggy. Don't you like classical mx? I "respect"  
classical mx myself...jc)(443 5/3 Thompson CA)  
6165 1200 LV de la America Latina, XEWW, ID at tune-in, noticias,  
ad string for Mexico DF banks and other businesses (gd  
4/30 Parks FL) Gunter NC)  
9705 0445 R. Mexico Int'l, ID/freqs, guitar mx, exc px (433 4/25  
11770 1430 RMI, ID "...emissora de la capital de la republica Mexicana"  
TCS, Mexican mx, rapidly deteriorating conditions by 1458  
(343 4/21 Dillon PA)

M O N T S E R R A T  
9545 0100 DW Relay, EE, px on 50th anniv. of recording tape (444 5/1  
Gunter NC) 444 Grosvenor CA)  
11705 0525 DW Relay, EE, cmnty on Libyan situation in Britian (4/19  
11865 0030 DW Relay, PP, to Brazil, mx, mx, cmnty, 0050\*(433 4/24  
Dillon PA)


N E T H E R L A N D A N T I L L I E S  
6020 1006 RN Relay, DD, EE pops (454 4/24 Ruckman OH) Dillon PA)  
6165 0545 RN Relay, EE, wld mx, QRM Swiss RI Euro Svc (444 4/17  
0614 RN Relay, EE, wld mx, px on gardening (534 4/15 Lord CA)  
9535 0358 TWR, EE, \*0400, "Glory of the Cross"(4/24 Unruh HI)  
9590 0300 RN Relay, EE, "Happy Station"(544 4/16 Thompson CA)  
9715 0530 RN Relay, EE, "SW Feedback" (544 4/29 Klosowski FL)  
0608 RN Relay, EE, "Medianetwork" (533 4/26 Lord CA)  
11815 1115 TWR, EE, "Morning Sounds" //800 (554 4/25 Blanchette FL)+1  
15220 2030 RN Relay, EE, mx abt flu epidemic (333 4/8 Stiner NY)+1  
15315 0120 RN Relay, DD, mx, \*0125 (444 4/29 Berkholtz MN)


N I C A R A G U A  
5950 \*0400 VONicaragua, EE, ID "You are listening to the VON, a free  
voice in America"(oh brother), nx, cmnty (454 4/5 Bingham MA)  
6018v 0400 LV de Nicaragua, EE, anncing daily EE xmsn 0400-0500 on  
6015. Not 7/5950 (this must be that new transmitter which  
I mentioned on my first page, jc). Occasional anti-USA  
amnts. Noted 0015-0600+ (333 4/27 Hardester NC):2355 (fr  
4/15 Parks FL):VOA QRM after 0450 (323 4/19 Hevern NY)  
(544 4/20 Huffaker MEX)(433 5/3 Thunberg PA)(Dillon PA)  
(this station seems to vary between 6015-6018 jc)  
6100 1050 VONicaragua, something strange going on here. Radio play  
at tune-in with farmyard sound effects. Excellent lvl, but  
netting YVTO pretty badly. ID as "LV de Nicaragua presenta.."  
which threw me a bit since I had just hrd LV de Nic. IS/ID  
on their new freq of 6017.6 (from about 1052). The 6099 sta  
continued with a patriotic song, then TC and promo, while  
the 6017 sta was playing the IS/ID tape. At 1057:30, the  
6017 sta formally signed on w/full ID. Two VONs? (two  
frequencies, two transmitters, but one station I believe  
jc) Somehow suspect that the 6099 version was actually a  
cland playing games, or are both freqs legit?(444 4/27  
Cunningham OH)(222 4/24 Ruckman OH): EE, 0420 (433 4/7  
Dillon PA)(111 4/9 Ohlinger CA)(444 4/9 Valentine CA)  
(EE also reported around 0100 jc)  
6120 0400 R. Zinica, tx of anniv of Sandino, song dedication, ballad  
"una estacion de R. Sandino" not //6200, regularly heard  
now (433 4/5 Robertson WA)(433 4/15 Dillon PA)  
6200 0713 R. Sandino, px of rather good Cuban mx, frequent TCS,  
dedicated "Out of my Mind" (in EE) to American troops.  
Must be a new xmtr as quality extremely good (343 4/7  
Huffaker MEX):0235 (433 4/14 Dillon PA):0830 (252 4/8  
Jones TX)(333 5/3 Leeman RI):0950 (454 4/27 Muzyka NY)  
(certainly a fine month for Nicaraguan watchers! jc)

There's no room for the 38 USA reports, but nothing new was reported.  
Check last month for all the gory details. Well, when you read this,  
I'll be back home for the summer, and maybe could be vacationing up around  
Boston for a few days! Believe me, I need some time off! 73s...John C.



# SWBC - EUROPE





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

It's a bright sunny day out today and I'm stuck behind a typewriter, the things we editors have to put up with! I have seven pages to work with this month so there will be no shortage for space.

### ALBANIA

- 5020 0420 R. Gjirokaster; Albanian mx (Turkish sounding), OM anc (343 4/14 Dillon-5985 2000 R. Tirana; Hungarian IS, ID "itt Tirana beszél," nx, jammed /PA) (433 4/12 Wood-Saudi Arabia)
- 7065 0006 RT; EE march mx, YL w/tlk about working class in Albania, article from an Albanian newspaper read by YL, times of b/c mentioned, 0028\* (4/21 353 Bingham-MA) 0200 EE YL w/nx, comtry on evils of Capitalism (333 4/19 Langlois-GA) 0135 PP (333 4/19 Dillon-PA)
- 7120 0240 RT; EE YL reading report on Albanian Socialism, ID, mx, NA (343 4/28 Dillon-PA) 0133 EE wld nx w/YL anc, lost signal in QRM from VOA (222 4/21 Bingham-MA) \*0230 EE (McKeon-IN)
- 7300 \*0330 RT; EE march mx, YL w/activities from Albania, nx, tlk about Albanian stamps (454 4/14 Bingham-MA)
- 9430 1930 RT; PP IS, ID, Lisbong accent, nx, //1395 (444 4/12 Wood-Saudi Arabia)
- 9750 0136 RT; EE tlk about Albanian literature & cultural heritage, tlk about European Common Market, 0159\* (322 4/25 Bingham-MA)
- 11985 0710 RT; EE comtry on development of Gjirokaster, US budget deficit (333 4/16 McKeon-IN)

### AUSTRIA

- 5945 0130 ORF; EE nx, wx, comtry on diplomatic immunity, "The Austrian PTT forbids us from using out-of-band freqs, excessive power" (444 4/28 Klosowski-FL) 0205 GG nx, ID by OM (333 5/5 Berkholtz-MN)(Blanchette-FL)(Langlois-GA) (Bingham-MA)(Mendez-NJ)(Dillon-PA)
- 6000 0401 ORF; GG ID by YL as "Österreichischer Rundfunk," Austrian nx, local mx (polkas, waltzes, believe this is 10 kW regional transmitter in Tirol (fr/pr 4/29 Parks-FL) severe splatter @ times via VOA-Greenville.
- 9770 0330 ORF; EE US dollar drops on European Market (333 4/19 Stiner-NY) 0136 EE nx by YL, 125,000 alcoholics in Austria, wx, instr mx, tlk about French & Italian styles of gardening, Austrian folk corner (343 5/4 Bingham-MA)
- 11665 2100 ORF; GG IS, ID, nx for 15 minutes, ID in GG/FF/EE, Egypt heard underneath (444 4/17 Dillon-PA)
- 11755 0030 ORF; GG IDs, OM&YL, male vocals in GG (545 4/7 Robinson-TN)
- 11835 1900 ORF; GG ID, list freqs, this one to Africa, nx (544 4/13 Wood-S. Arabia)
- 15225 \*2100 ORF; GG IS, ID "Hherst ist Österreichischer Rundfunk," nx (343 4/16 Thunberg-PA)
- 15320 1230 ORF; EE daily Report from Austria, nx, wx, Profile of Austria, Post Box 700, //6155 & 9770, replaces 17770 (353 5/7 Zilmer-NM)
- 15415 1000 ORF; GG ID, list freqs, nx (444 4/15 Wood-Saudi Arabia)
- 17710 1800 ORF; GG ID, nx, list freqs, this one to S. Africa, //6155 (444 4/3 Wood-SA)
- 17770 1240 ORF; EE Shortwave Panorama, featuring an old World of Radio pgm w/Glenn Hauser (333 4/29 Abbott-IL) 1236 EE Report from Austria, Shortwave Panorama, choir mx (333 4/22 Weikel-MI)

### BELGIUM

- 5985 1825 BRT; EE tlk on inflation & wage cuts (444 4/10 Wood-Saudi Arabia)
- 9900 0410 RTBF; FF DJ show, pop mx (444 4/4 Wood-Saudi Arabia)
- 9925 0034 BRT; EE mention of research into coagulation of blood, sports nx, comtry on state of Belgian export situation (544 5/3 Knapp-WV) 0000 EE Brussels Calling, nx, comtry, mx (444 4/24 Muzyka-NY)(Abbott & Harrell-IL) (Blanchette-FL)(Mendez-NJ)
- 9930 0030 BRT; EE freqs & times mentioned, Cultural Report, Flemish folk dances (444 4/29 Langlois-GA) 0034 EE wx cold & rain in Brussels, Focus, tlk of Belgium Air Force, rock mx (454 4/7 Bingham-MA)

## BELGIUM continued

- 11620 0054 BRT; EE ID by OM into rock mx (423 5/3 Knapp-WV)  
 15550 1841 BRT; EE tlk about different languages in Belgium & tourism in Belgium, Brussels Calling, QSL cards to club members only, YL gave address for contest (242 4/24 Bingham-MA)  
 15590 1840 BRT; EE mx, info about their DX club, freq check & ID @ 1855, moderate to severe QRM from RTTY, faint signal (232 4/14 Hevern-NY)  
 17610 1430 BRT; EE Brussels Calling, DX pgm, tlk of Easter customs in Belgium (555 4/16 Coleman-MA) 1400 EE ID, trade imbalance of the EEC with Japan, winners of contest, question & answer pgm, weird(?) QRM on 17605 (433 4/18 Sable-NY)(Hesch & Stiner-NY)(Dillon-PA)(Klosowski-FL)(Bingham-MA)  
 21460 1700 RTBF; FF 2 OMs w/lengthy tlk (possibly interview), nx (343 4/17 Thompson-CA) 1800 FF IS, into nx relayed from Home Service, TC "20 heures," //15210 (544 4/11 Wood-Saudi Arabia) 1700 FF wx report, soccer scores (333 4/15 Stiner-NY)  
 21810 1420 BRT; EE tlk about wildlife in Belgium, tlk about popularity of golf in Belgium, there are 6,000 golfers in Belgium, P.O. Box 26, info on DX Club, address, freqs & times of b/c given (353 4/23 Bingham-MA)

## BULGARIA

- 6070 0430 R. Sofia; Albanian, IS, ID "Ju flet Sofia," nx (444 4/19 Wood-S. Arabia)  
 9700 0150 R. Moscow relay; EE ID, DX pgm, Ragtime mx, IS, wld nx (333 4/17 Dillon-PA)  
 1940 R. Sofia; beamed to Europe & N. America, tlk about Sofia being industrial Center of Bulgaria, Lifestyles (322 4/3 Bingham-MA)  
 11720 2241 RS; EE tlk about peace & trade unions, wx, comtry, instrumental mx, tlk about USSR space pgm, interview with USSR cosmonaut (343 4/10 Bingham-MA) 2305 EE comtry, Bulgarian patriotic songs, tlk, //9700 (544 5/2 Prath-FL)  
 11750 0426 RS; EE People sing Bulgarian folk songs, letters read by OM & YL, tlk about average age of death in Bulgaria is for men 64 yrs & women 74 yrs highest in Europe!, OM gave times & freqs of DX pgm (454 4/23 Bingham-MA)  
 11860 0427 RS; EE YL & OM answering mail from listeners & occasional national folk mx, many references to R. Sofia & Bulgaria (333 4/2 Brewer-KS)  
 15135 1420 R. Moscow relay; EE Kaleidoscope, Soviet Way of Life, Nx in Brief, comtry on arms race, Soviet civil defenses (333 4/24 Dillon-PA)  
 15160 0500 R. Sofia; FF IS, to Africa, nx (544 4/13 Wood-Saudi Arabia)  
 15310 1700 RS; AA IS, ID, "Huna Sofia, Idhaat ul Bulghariya," Egyptian accent, heterodyne Conakry (533 4/15 Wood-Saudi Arabia)

## CZECHOSLOVAKIA

- 5930 0328 R. Prague; EE pgm on a family restoring their house, then tlking in Czech followed by translations (433 4/23 Duncan-NC) 0100 EE nx, mx, ID, Animated film world (555 4/12 Robinson-TN) 0112 EE (454 4/24 Bingham-MA)  
 6055 2146 RP; EE tlk about requirements for membership in R. Prague DX Club, tlk about R. Prague DX Contest (333 4/4 Bingham-MA)  
 7345 0100 RP; EE Czech merchant ships (554 4/15 Blanchette-FL) \*0300 EE OM w/nx of Czechoslovakia, wld nx, News Views, mx, ID @ 0322, classical mx, Science & Tech "Photogramitry" 434 4/25 Swinn-CA) 0300 EE (gd 4/19 Harrell-IL) 0326 EE (453 4/7 Bingham-MA) 0330 EE (444 4/16 Dillon-PA)  
 9740 0100 RP; EE IS, nx, comtry, // with usual freqs (322 4/15 Prath-FL)  
 17822.5 \*1730 RP; EE Afro-Asian sce., nx, attack on US withdrawal from UNESCO, OM ancr has Indian subcontinental accent, powerful parasitic from 17840, also its twin on 17857.5, DO NOT CONFUSE WITH BANGLADESH! (433 4/11 Wood-S. Arabia)

## DENMARK

- 15165 1459 R. Denmark; EE-Danish EE ID "This is R. Denmark, Copenhagen, Denmark," 15165 b/cing to West USA only in Danish, YL & OM tlk in Danish, ID @ 1517, few bars of mx (333 4/10 Bingham-MA)

## FINLAND

- 15400 1405 R. Finland; Focus North pgm about visit of Finnish Press to USSR, then Finnish Press reaction on Finnish Press Review (323 4/28 Waelterman-MO) 1300 EE visit to Finland by Icelands President-1st lady President elected by popular vote-cheers, ladies! (fr 4/12 Harrell-IL) 1424 EE (433 4/14 Brewer-AR) 1311 EE (434 4/19 Dillon-PA) 1313 EE (322 4/28 Abbott-IL)  
 15430 \*0430 RF; EE nx of nordic countries (444 4/19 Wood-Saudi Arabia)  
 17800 1305 RF; EE Finlands airmail, comtry, Finland features (322 4/22 Weikel-MI) 1350 EE tlk about textbooks, TV letters, very bad interference (322 4/1 Macrie-NJ)  
 21485 1530 RF; Finnish religious pgm on Maronite Christians in Lebanon, 1555\* (544 4/7 Wood-Saudi Arabia)



## FRANCE

3965 0530 RFI; FF Andrews Sisters medley, tlks, TC, ARO QRM (gd-pr 4/23 Famularo-NJ)  
 6140 0120 RFI; FF discussion on relations between Yugoslavia & USSR (333 4/24  
 Stiner-NY)  
 9545 \*0415 RFI; EE ID, announcement of b/c times & freq, national nx, 0430\*, moderate  
 QRM (433 4/15 Neuverth-CO) 0400 FF (433 4/16 Dillon-PA)  
 9790 2330 RFI; FF Mouboutu visits France (President of Zaire) (444 4/19 Stiner-NY)  
 15155 0514 RFI; FF informal mx pgm w/ Bad Boys as theme, //11700 (433 4/25  
 Manderscheid-CA)  
 15300 1614 RFI; EE tlk about Portuguese singer, nx from Africa on PCA, 35 people  
 killed in dispute of Zulu tribes, nx of France, singing (454 4/25  
 Bingham-MA)  
 15315 1640 RFI; EE nx, Communist/Socialist politics in France (444 4/16 Coleman-MA)  
 17620 1535 RFI; FF/EE classical mx, Review of upcoming pgms, ID, sked in EE/FF/Port.  
 into Paris Calling Africa, 1605 nx (444 4/17 Dillon-PA) 1602 EE ID, mx,  
 Paris Calling Africa (343 4/9 May-OH) 1645 EE (444 4/11 Valentine-CA)  
 1605 EE (454 4/10 Bingham-MA)  
 17720 1440 RFI; FF interview w/YL writer, mx, ID @ 1500, nx (433 4/19 Dillon-PA)  
 17775 1430 RFI; FF current affairs, mx (544 4/28 Klosowski-FL)

Logs received for RFI on 15180 between 2200 & 0200 are via the Montsinery relay in French Guyana.

## FEDERAL REPUBLIC OF GERMANY

3995 0415 DW; GG MOR mx & old movie scores w/laidback OM DJ, some ARO QRM (433 4/24  
 Dillon-PA)  
 4950 1423 DW; EE nx & contry concerning the international automobile business (222  
 4/8 Ohlinger-CA)  
 6035 0215 DW; EE Microphone on Europe, pornography in Germany, wheat harvest in  
 N. Germany (211 4/19 Ruckman-OH)  
 6085 0120 DW; EE Germany Today, traffic problems for bicyclists in Cologne, ID  
 (gd 4/19 Harrell-IL) 0100 EE nx, mailbag, German lessons (544 4/22  
 Klosowski-FL)(Stiner-NY)(Macrie-NJ)(Bingham-MA)  
 6100 0230 DW; GG classical mx, ID @ 0240, tlk, QRM YVTO (433 4/21 Dillon-PA)  
 6120 0515 DW; EE Microphone on Europe, Review of West German Papers, QRM R. Zinica,  
 sports, Science Magazine (433 4/17 Dillon-PA)  
 6750 0416 DW; GG apparently a variety show (323 4/19 Ohlinger-CA)  
 9615 0105 DW; GG nx, press review, IS @ 0115, ID "Hier ist die Deutsche Welle," tlk  
 about politics (433 4/20 Dillon-PA)  
 11765 0103 DW; GG Press Review (333 5/3 Berkholtz-MN)  
 15150 2300 DW; GG OM, ID, nx (444 4/7 Langlois-GA)  
 15210 1730 DW; GG classical mx, IS @ 1745 w/ID, wld nx (343 4/20 Dillon-PA)  
 21600 1430 DW; EE wld nx, ID, international financial nx, occ. QRM de 21595 (pr-gd  
 4/10 Famularo-NJ)

Log received for 17860 at 2200 is via Rwanda. Log received for 6085 at 0445 is via Antigua. Log received for 11705 at 0500 is via Montserrat & 9545 at 0520 is via Antigua.

## GERMAN DEMOCRATIC REPUBLIC

6040 0340 RBI; SS tlk by YL, ID, economics & socialism, ID "Esta es Radio Berlin  
 Internacional," co-channel QRM de VOA in EE (433 4/17 Dillon-PA)  
 9560 2035 RBI; EE heavily biased nxcst, European svce ID, rock mx, Chernenko  
 interview translation (fr 4/9 Famularo-NJ) (Dillon-PA)  
 9620 2215 RBI; EE wld nx-all anti-USA, QRM de CBC in Eskimo on 9625 (433 4/10  
 Gunter-NC) 2222 EE nx, questions, contest (433 4/14 Blanchette-FL)  
 (Dillon-PA)  
 9730 0003 RBI; EE nx, football, tlk to GDR leading toxicologist about chemical  
 weapons, religious freedom in GDR (322 4/19 Bingham-MA)  
 11975 0200 RBI; EE ID, skeds, mx, international nx, 0210\* (434 4/17 Mendez-NJ)  
 15450 1415 RBI; EE nx, IDs b/cing to SE Asia, contry on Reagan & arms tlks, question  
 pgm on medical care (434 4/11 Sable-NY)  
 17525 0430 RBI; GG nx, comment, Subtraction product of 17875 & 17700 both hrd, the  
 addition product of 18050 also hrd (444 4/19 Wood-Saudi Arabia)

## GREECE

7315 0340 VOG; EE wld nx by OM, 0350 station info in Greek to 0351\* (4/16 Jones-TX)  
 0035 Greek mx, ID @ 0046 "Edo Athine," nx (444 4/16 Dillon-PA)(Bingham-MA)  
 9420 1235 VOG; EE ID, nx, //11645 (333 4/3 Wood-Saudi Arabia)  
 9865 0130 VOG; EE ID, native mx, nx of common market (444 4/10 Langlois-GA) 0000 GG  
 lots of Greek-RI mx, some nx, QRM by jammer during evening lost by 0100 (444  
 4/5 Card-RI) 0320 Greek (333 4/25 Gray-MI)(Bingham-MA)(Coleman-MA)  
 11645 1716 VOG; Greek ID "Edo Athinai" & nx by OM & YL (343 4/11 Yoshimura-Japan)  
 0130 EE (454 4/17 Bingham-MA)(Dillon-PA)(Thompson-CA)(Gray-MI)  
 17565 \*1300 VOG; Greek NA, ID, nx (544 4/3 Wood-Saudi Arabia)

ECUADOR: Radio Pastaza, 3315, personal letter and nice looking multi color pennant in 29 days, SS report, ms (Schlesinger-TX); Rdif. Paz y Bien, 4820, f/d logo card, personal letter and pennant in 8 weeks, SS report, ms (Wilkins-CO); R. Cultural Antena Libre, 3240, date only personal letter in 5 weeks, v/s Luis E. Velasco Leon, Gerente, SS report, ms (Wilkins-CO); HCJB, The Voice of the Andes (how about the Amoses), various frequencies, f/d cards in an average 5 weeks (Hosmer-MI, Mecht-PA, Ryeder-FL, Mathew-MA) 91 days (Welch-MA), (Wilkins-CO), (Krist-VA).

\*\*\*\*FALKLAND ISLANDS \*\*\*\* (Islas Malvinas); Falkland Islands Broadcasting Service, 2370, f/d letter and p/d QSL card in 2 months (Kana-GA). Nice to see this station back in the column (kap).

FRENCH GUIANA: FRC-Cayenne, 3385, f/d Map Folder in 34 days, 2 IRC (Led-Ford-NJ), in 19 weeks (Roussel-NeB); 5055, in 120 days along with stickers, 2 IRC (Ward-PQ); 11675, in 60 days, FF report (Van Horn-TX).

PERU: Radio Esmeralda, 3800, personal letter and postcard in 28 days, SS report, ms, v/s Bertha Diaz Meza (Schlesinger-TX).

#### NORTH AMERICA AND THE ISLANDS

ANTIGUA: BBC Relay, 6175, n/d card in 34 days (Starr-GA); 9510, same in 34 days (Hosmer-MI); Deutsche Welle Relay, 9545, n/d DW Broadcasting Center card in 30 days (Starr). Tough to get a f/d card out of this island, a PFC to the BBC relay sometimes works.

BELIZE: Radio Belize, 3285, f/d Map card in 19 days, IRC (Thunberg-PA); same in 16 days along with FM sticker, 2 IRC (Greenbauer-AZ).

BONAIRE: Radio Netherlands, 6165, f/d card in 45 days, IRC (Robinson-TN); 9590, same in 14 days (Smith-FL); 17695, same in 96 days (Welch-MA); 21685, same in 52 days (Muzyka-NY); Trans World Radio, 9535, f/d antenna card in 75 days, 2 IRC (McCants-AL). A reminder that RN and TWR do NOT share transmitter facilities. They are two separate stations, one at each end of the island. The February and March issues of the ANARC Newsletter have a most interesting and well done article on the island in general and TWR in particular. (kap).

CANADA: CKFX-Vancouver, 6080, date/freq "Super Country" card in 59 days (Speer-CA); CKZN-St. Johns, 6160, date/freq "CBC Newfoundland" card in 4 weeks, IRC (Wilkins-CO), in 33 days, ms (Stephany-NY).

COSTA RICA: Radio Reloj, 4832, p/d Logo card in 34 days, SS report, 2 IRC (Ulmer-LA); TIPC - Faro del Caribe, 5055, f/d Microphone card in 21 days (Sharp-FL), in 171 days, 2 IRC (Greenbauer-AZ), in 104 days along with pennant and calendar, ms (Stephany-NY); Radio Rumbos, 6078, f/d PFC, 6 weeks after 2nd follow up, 62 weeks total, SS report, ms (Wilkins-CO).

CUBA: Radio Havana Cuba, 11760, 11930, f/d cards in 70 days (Van Horn-TX), in 120 days (Sharp-FL), in 186 days (Rising-CA), in 24 weeks (Wilkins-CO), in 81 days (Muzyka-NY), in 154 days (Hecht-PA). There is some question as to whether or not the v/s Maria Montero Triana, actually exists or is this just a "pen name" for the v/s staff (kap).

GUATEMALA., TGNA, 3300, f/d Quetzal Card in 322 days, IRC (Gunter-NC); TGBA, Radio Maya De Barillas, 3325, f/d "Maya Warrior" card in 7 weeks, SS report, ms (Wilkins-CO); TGTZ-Radio Tezulatland, 4835, f/d card in 47 days, SS report, IRC (Roussel-NeB).

MEXICO: KEPPM, Radio Educacion, 6185, p/d form letter and photo of station building 25 weeks after follow up, 65 weeks total, SS report, ms (Wilkins); same in 204 days, SS report, ms (Schlesinger-TX).

NICARAGUA: La Voz de Nicaragua, 5955, partial data letters and pennants in an average 45 days were received by (Weikel-MI, Greenbauer-AZ, Ulmer-LA, Stephany-NY, Spremo-NY, Collins-CO, Van Horn-TX, Rising-CA, Wettersten-OH). Whether or no rp was sent didn't seem to matter, also SS and EE reports are acceptable. LVN is really proud of their new EE service (kap).

## HUNGARY

- 9835 0030 R. Budapest; EE freedom fighter Korosi Gyoma Sandor, life discussed, Mohacsi Vesz back in the 1800 yrs, against the Habsburgs (432 4/10 Byron-PA) 0104 EE YL w/wld nx (434 4/25 Abbott-IL)(Harrell-IL) (Dillon-PA)(Bingham-MA)
- 11910 0214 RE; EE mx, ID @ 0228, 0230\* (444 4/23 Swinn-CA)
- 12000 \*0200 RE; EE IS, times & freqs, nx, //11910, 9835, 9585, 9520 & 6025, all hrd except 6025, slight Mayak QRM on 12000 (544 4/22 Prath-FL)

## IRELAND

- 4910 0150 R. Dublin Internat'l; EE OM DJ w/British rock mx, TC, IDs, moderate RTTY ute QRM (fr 4/20 Parks-FL)
- 6910 0343 RDI; EE playing slow ballads, OM DJ, ID @ 0401, bad CW, SSE, atmospheric QRM/QRM (322 4/29 Evans-TN)(Dillon-PA)(Blanchette-FL)
- 0142 World Music Radio; EE OM, very weak signal, ID @ 0150, R&R mx, hvy QRM het (131 4/16 Heverne-NY) 0100 EE ID plus mx (222 4/16 Gunter-NC) tentative RDI/WMR 0024 (322 4/16 Hardester-NC)

## ITALY

- 9575 0110 RAI; EE nx, mx @ 0113, ID, into FF (333 4/16 Dillon-PA) 0143 II to Latin America, nx, info on the Italian Gov't activities (433 4/15 Grosvenor-CA) 0100 EE nx & mx (444 4/1 Macrie-NJ)
- 11800 0111 RAI; EE nx, ID, 0119\* (333 5/3 Berkholtz-MN) 2032 EE pgm for Near East, nx, instr mx, 2045\* (354 4/9 Bingham-MA)

## LUXEMBOURG

- 6090 0031 R. Luxembourg; EE ID, "Hello from the Victoria Pub!" (555! 4/19 Gunter-NC) 0045 EE pop mx w/a Motown Classic, TC & tlk (444 4/15 Prath-FL) 0000 EE (433 4/16 Dillon-PA) 0056 EE (322 4/24 Stiner-NY) 0041 (333 4/22 Bingham-RL); FF Hello Max, Top 40 interspersed w/traffic reports (322 4/11 /MA) Stiner-NY) tent. 1507 FF nx, OM DJ w/disco & rock, nx on the hr, severe QSB, f/out @ 1635 (222 4/20 Dillon-PA) 1900 FF (444 4/5 Wood-S. Arabia)

## MALTA

- 6025 0425 DW relay; AA wld nx, ID in GG @ 0430, comments by OM, splash from AFRIS on 6030 (333 4/24 Dillon-PA)
- 9545 0330 DW relay; GG ID in EE by OM, mx (444 4/21 Addison-KS)
- 9565 0059 DW relay; EE IS, ID mentioning Malta transmitter, nx, Microphone on Europe review of papers, Science Magazine, address (444 4/17 Dillon-PA)

## MONACO

- 9493 0735 TWR; EE Encourers rel. pgm, ID @ 0803, moderate QRM de RTTY on 9492 (333 4/1 Heverne-NY)
- 9600 1600 TWR; EE music box IS, ID, into Hungarian rel, QRM Moscow (544 4/12 Wood)
- 11695 \*0425 TWR; AA IS, into "As-saat ul Lutheriya min Idhaat ul TWR, M.C.," i.e. AA version of "The Luthern Hour" (544 4/14 Wood-Saudi Arabia)

## NETHERLANDS

- 9890 0230 R. Netherlands; EE test b/c, nx, ID, The Wednesday Report, A-bomb in India (444 4/5 Langlois-GA)
- 9895 0530 RN; EE s/on anmt followed by wld nx, still asking for reports of Lopik test transmission on this freq (555 4/21 Brewer-AR) 0230 EE Happy Station, special pgm Easter Egg Hunt Contest, test transmission from Lopik has improved greatly (545 4/22 Mendez-NJ)(Muzyka-NY)(Manderscheid-CA)(May-OH)
- 11730 2030 RN; EE nx, contry, Media Network (322 4/19 Abbott-IL) 2047 EE tlk about cultural differences in Holland, The Monday Report (454 4/9 Bingham-MA) 2115 EE (333 4/19 Dillon-PA)

Reports received for 15220 2030-2120 are from the Bonaire, Neth. Antilles.

## NORWAY

- 6015 0457 RNI; Norwegian/EE IS w/ID in Norw. & EE, BBC splash 6110 & the wandering V. of Nicaragua on 6016, nx (322 4/17 Dillon-PA)
- 9525 1855 RNI; Norwegian EE ID, 1900 into Norw. nx, QRM TWR-Swaziland (433 4/12 Wood)
- 9590 1655 RNI; Norwegian EE ID, 1700 into Norw. nx (433 4/12 Wood-Saudi Arabia)
- 9730 0355 RNI; Norwegian EE, IS, ID, into Norw. nx (343 4/5 Wood-Saudi Arabia)
- 11865 0455 RNI; Norwegian EE, ID, 0500 into Norw. nx (544 4/12 Wood-Saudi Arabia)
- 11870 0400 RNI; EE, Norway This Week, nx, tourism (544 4/15 Wood-Saudi Arabia)
- 15175 2200 RNI; EE nx, letters read & answered (4/15 Macrie-NJ) 2216 EE tlk about Catholic Church Svcs during the Holy Week, Monday after Easter is a holiday in Norway (454 4/22 Bingham-MA)
- 15180 \*1450 RNI; Norwegian ID, nx of Libya & Gaddafi, tlk (545 4/24 Robinson-TN) 1500 Norwegian nx & tlk, ID, pop mx, interview w/folk musician (433 4/22 Dillon-PA)

NORWAY continued

15205 1610 RNI; EE Easter in Norway, into Norwegian @ 1629 after ID & address (444 4/22 Weikel-MI)  
 15220 1603 RNI; EE variety pgm about life in Norway (222 4/22 Ohlinger-CA)  
 15225 1655 RNI; Norwegian/EE, IS, ID, into Norw. nx, QRM BBC & RTTY (533 4/3 Wood-Saudi Arabia)  
 17855 \*1400 RNI; EE nx, tlk, announced 17840 to NAM but not hrd (544 4/29 Prath-FL)  
 21700 0655 RNI; Norwegian/EE, ID, 0700 into Norwegian nx, QRM Dubai (533 4/12 Wood)

POLAND

6095 0200 R. Polonia; EE nx, popular mx, Polish-English lang lessons, selection of piano mx (433 4/8 Card-RI)  
 6135M 2230 RP; EE nx on Polish affairs & the usual propaganda for European consumption (444 4/6? Card-RI)  
 7270 0301 RP; EE multiple IDs, Polish nx, political commentary, mailbag pgm, mod to severe QRM, //6095 (222) & 7145 (111) (322 4/14 Heverne-NY)

PORTUGAL

6060 \*0300 R. Portugal; EE march mx, nx, Portuguese Armed Forces to have big parade, letters answered (454 4/7 Bingham-MA) 0240 PP fado mx (444 4/8 Blanchette-  
 6075 0544 RP; EE nx, sports, times freqs & target areas of b/c given, pgm on /FL) tourism (444 4/27 Bingham-MA) \*0400 PP (444 4/15 Dillon-PA)(Wood-S. Arabia)  
 11775 2035 RP; EE tlk on Catholicism in Portugal-European svce (322 4/22 Thunberg-PA) 2120 FF/II (322 4/19 Dillon-PA)  
 11925 0310 RP; EE b/c sked followed by comtry on Portugals' relations w/England (222 4/23 Duncan-NC) 0302 EE (444 4/29 Bingham-MA)

ROMANIA

5990 2218 R. Bucharest; EE tlk about Romanian literature, instr mx (433 4/24 Bingham-MA)  
 7195 1935 RB; EE tlk on Romanian-Angolan cooperation, ID, folk mx, ARO QRM (fr 4/9 Famularo-NJ)  
 9550 0200 RB; EE ID, singing, letterbox, industrial robots (545 4/22 Robinson-TN) 0210 EE nx, contry, tlk about Romanian trade, //9570 (443 5/2 Prath-FL) 0000 SS (433 4/21 Dillon-PA)  
 9570 0201 RB; EE ID, nx, tlk about Romanian war policy (333 5/4 Bingham-MA)  
 11810 \*0400 RB; EE ID, into wld nx, very low modulation (442 4/21 Waelterman-MO)  
 11830 \*1600 RB; AA YL w/Egyptian accent, nx, //9625 (444 4/12 Wood-Saudi Arabia)  
 11840 \*0530 RB; EE nx, to Africa, //11940 (444 4/13 Wood-Saudi Arabia)  
 17720 \*1800 RB; PP nx, to Africa, ID "Fala Bucareste" (433 4/13 Wood-Saudi Arabia)

SPAIN

9360 0145 REE; SS "Por las rutas del Sol," Spain's links with the American continent cultural feat, nx, very strong QSA no QRM observed (555 4/19 Mendez-NJ)  
 9630 0042 REE; EE mx, From the World of Spanish Art & Music (444 4/18 Berkholtz-MN) 0005 EE Science in Spain (444 4/27 Gunter-NC)(Bingham-MA)  
 11690 2004 REE; EE wx-showers, Monday Sports Report, Panorama, SS course by radio, 2027\* (454 4/9 Bingham-MA)  
 11880 0139 REE; EE entertainment nx followed by a recipe for baked eggs w/ham, SS course by radio (444 5/5 Caceres-NY)(Brewer-KS)(Langlois-GA)(Bingham)  
 15365 0115 REE; SS contry (333 4/29 Berkholtz-MN)  
 15375 1940 REE; EE nx, ID @ 1945 (222 4/27 Berri-CA)\*1830 FF (322 4/28 Prath-FL)  
 15535 1525 REE; SS chorus numbers, guitar instrumentals, IS, ID, nx (433 4/20 Thompson-CA)  
 17345 1440 REE; SS nx of Brazilian Prime Ministers visit to Spain, details of speech made by King on occasion (333 4/16 Sable-NY)  
 17650 1535 REE; SS tlk between OM & YL, ID @ 1545, Panorama Economico (343 4/16 Dillon-PA)  
 17660 1905 REE; SS nx, contry on Reagan visit to China, ute QRM (544 4/28 Prath-FL)  
 17720 1745 REE; SS Fútbol-Atlético vs. Real Madrid, //17845 (544 4/5 Wood-S. Arabia)  
 17840 1700 REE; AA SS ID, into AA "Huna Madrid, al-Idhaat al Isbaniya al Harijiya," nx (544 4/5 Wood-Saudi Arabia)

SWEDEN

9695 0232 RSI; EE nordic nx, ID, Weekday Monday, electronic mx, news that RSI will have a new opening, jazz mx from the 50s (333 4/17 Dillon-PA)(Jones-TX)  
 11705 0232 RSI; EE mailbag, pgm on Swedish boy & girl scouts, mx, ID & address @ 0245, mx (545 4/23 Swinn-CA)(Mandersheid-CA)(Harrell-IL)(Mendez-NJ)  
 11710 2324 RSI; EE Sweden Calling DXers, s/off amnt, 2328\*, IS for 30 seconds then carrier off (444 4/17 Brewer-AR) 2310 EE (444 4/24 Duncan-NC)(Bingham-MA)  
 15190NF \*1400 RSI; EE new IS, sked, pop mx, Mailbag pgm, new freq for ECNA, hvy QRM de SS lang station (322 5/6 Thunberg-PA) 1400 EE new IS, nx, Weekday, replaces 17860 (333 5/7 Zilmer-NM)

SWEDEN continued

17850 \*1600 RSI; EE, weekday, nx (544 4/18 Wood-Saudi Arabia)  
 17860 1420 RSI; EE rock n roll, interviews Swedens No. 1 rock 'n roll singer, multi-language ID @ s/cff 1430 (434 4/14 Sable-NY)(Klosowski-FL)(Bingham-MA)(Robinson-TN)(Dillon-PA)

SWITZERLAND

6135 0145 SRI; EE nx, Dateline (433 4/12 McKinney-PA) 0150 EE (322 4/13 Macrie-NJ)  
 9535 2005 SRI; II wld nx, ID, IS into Esperanto @ 2030, European svce (433 4/16 Dillon-PA)  
 9725 0200 SRI; EE discourse on health food stores in Switzerland, info on foods, diets & vitamins (444 4/15 Grosvenor-CA)(Blanchette & Klosowski-FL)(Dillon-PA)(Bingham-MA)  
 11715 \*0430 SRI; EE Dateline, comtry on Libyan embassy in London, US relation with China & USSR (544 4/24 Manderschild-CA)(Mendez-NJ)(Berkholtz-MN)  
 12030 1321 SRI; EE Dateline, tlk about Red Cross Child Alive pgm, Swiss Country Mx, wx, hrs latest nx headlines, more nx (353 4/10 Bingham-MA)  
 15570 2153 SRI; EE George Bush at Geneva Disarmament Conference, comtry on nuclear & chemical weapons (433 4/18 Waelterman-MO)  
 17830 1531 SRI; EE nx, tlk about US Space Shuttle, Swiss TC, b/c to Mid East, Dateline-Tuesday (333 4/10 Bingham-MA)(Dillon-PA)  
 21570 1325 SRI; EE multi-voiced discussion on Swiss health food & stores that sell it, over 11% of the Swiss are vegetarian!, //21520 (343) (555 4/15 Brewer-AR)(Macrie-NJ)

UNION OF SOVIET SOCIALIST REPUBLICS (European Section)

Lithuania SSR

6100 2215 R. Lithuania (Kaunas); EE comtry on opera, singer & arias from operas, also interview, ID (222 4/15 Weikel-MI)

Russian SFSR (European Section)

9765 2305 R. Moscow (Krasnodar); EE wld nx, Moscow Mailbag, ID, Dixieland Bands in the USSR, political events in the US (544 4/15 Dillon-PA)

11980 1933 RM (Krasnodar); FF YL w/nx, ID 1935, b/c to Europe (323 4/25 Berri-CA)

Ukrainian SSR

7150 0215 RM (Simferopol); EE via Lvov (as per QSL received), comments from Pravda, Press Conference from Space, CW QRM (433 4/8 Dillon-PA)

7195 0200 RM (Simferopol); SS wld nx, ID, comtry, tlk about Nicaragua (444 4/19 Dillon-PA)

9610 0015 RM (Lvov); EE pgm on Cuba, complaints about the LA Olympics, economic performances in the USSR, engineering, mx (444 4/20 Dillon-PA)

9720 0200 RM (Lvov); EE nx about the May Day Parade & festivities around the world (444 5/2 Caceres-NY)

9750 2300 RM (Nikolayev); EE Carpathian Life, comtry on salaries for teachers, Sidelites of Soviet Life (444 4/13 Langlois-GA)(Dillon-PA)

11705 2035 RM (Simferopol); EE Folkbox w/folk mx from around the USSR, ID @ 2058 (333 4/19 Dillon-PA)

Unknown Sites

5920 0030 RM; RR pgm for seamen (141 4/14 Ruckman-OH)

9665 2229 R. Vilnius; EE ID, inviting letters from listeners (333 4/17 Berkholtz-MN)

0230 R. Kiev; EE ID, comtry on nx (444 4/23 Langlois-GA)(Robinson-TN)

9685 2340 RK; EE tlk about May Day, comtry on US Congress, Ukraine a Land of Tourism pgm, tlk of RK quiz (343 4/15 Bingham-MA)

9710 \*0200 RK; EE IS, ID, nx, comtry on Chernenko interview in Pravda, Review of the Week's pgms, 0229\* (323 4/10 Dillon-PA)

9780 2120 R. Moscow; EE Soviet Way of Life, News in Brief, speech on Soviet-Hungarian relations, Soviet policy towards Asia (333 4/17 Dillon-PA)

11790 2218 R. Vilnius; EE tlk about setting a beautiful Easter table, tlk about young people in Lithuania are against racism, Lithuanian art has become tradition, tlk of arts & crafts, 2229\* (444 4/24 Bingham-MA)

11810 1730 R. Moscow; EE jazz mx in USSR & how dixieland mx was started & how much better it is than US Dixieland (222 5/2 Duguay-MA)(Dillon-PA)

11860 0015 RM; EE comtry, dispatch from the Middle East, environmental protection in the USSR, ID, mx (333 4/17 Dillon-PA)

11960 1630 unid; RR nx in RR, mx (444 5/2 Valentine-CA)

12070 0015 R. Station Peace & Progress; SS political tlk about C.Am, ID "R. Emissora Paz d Progreso," 0030 RM IS "R. Mosku Para Republica Cuba" (554 4/23 Prath-FL)

15100 1420 R. Moscow; EE tlk about life in Armenia, //11840 (343 4/21 Prath-FL)(Dillon-PA)

15150 1645 RM; EE Soviet Way of Life, Soviet libraries, ID & list of meterbands (333 4/24 Dillon-PA)

15270 \*1700 RHC relay; EE, US accent, nc (444 4/3 Wood-Saudi Arabia)

UNION OF SOVIET SOCIALIST REPUBLICS (European Section) continued

Unknown Sites

15455 1605 R. Atlantika; RR tlk about opera between YL & OM, ID @ 1615, mx, R. Moscow IS @ 1630 then nx (454 4/16 Dillon-PA)  
 15475 1640 R. Moscow; EE Kaleidoscope, followup on previous story, mention of Moscow (444 4/11 Berri-CA)(Berkholtz-MN)(Dillon-PA)(Prath-FL)  
 15490 1632 RSP&P; EE wld nx, tlk about Lenin, statement of leader of the South African Communist Party, comments about Lesotho, sked, s/off @ 1659 into R. Moscow Africa svce (333 4/21 Dillon-PA)  
 15510 1550 R. Moscow; EE Soviet rock mx, bells @ 1600, nx, Pravda article, contry on Afghanistan, The Way We See It, Americans who met Lenin, nx in brief (242 4/21 Dillon-PA)  
 15515 1328 RSP&P; EE comtry, ID, instr mx, IS is clarinets (444 4/29 Robinson-TN)  
 17770 0938 RM; EE musical pgm about Lydia Roslanava (343 4/16 Soomre-MA)

UNITED KINGDOM

5975 0300 BEC; EE ID, nx, World Today, Chinese-Vietnamese tensions (433 4/11 Dillon-PA)  
 6010 0605 BEC; EE nx, Newsdesk, TC (343 4/13 Dillon-PA)  
 6110 0019 BEC; EE nx (454 5/3 Szabo-KS)  
 7260 0435 BEC; Hungarian wld nx, problems at the Libyan Embassy in London, into GG (343 4/19 Dillon-PA)  
 7325 0025 BEC; EE ID, wld svce nx (433 4/10 Langlois-GA) 0147 EE Country mx, gospel, tlk about country mx awards, OM w/whats coming up tonight, nx (353 4/17 Bingham-MA)(Dillon-PA)  
 9915 0240 BEC; EE rock mx w/interview, QRM & rapid QSB, //9410 & 6175 (322 4/20 Dillon-PA)  
 11840 1705 BEC; EE nx (signal still coming in at 2000, but difficult to understand at times) (252 4/19 Fenyer-AZ) Anyone know where this is from?  
 15070 2013 BEC; EE 24 Hours-Afghanistan, Soviets presence in the Pacific Basin (343 4/24 Manderschoid-CA)(May-OH)(Macrie-NJ)  
 15390 1733 BEC; Turkish soccer scores in England, tlk, mx, nx headlines, 1800\* (433 4/21 Dillon-PA)  
 17705 1415 BEC; EE requests & greetings, ID @ 1430, science (333 4/19 Dillon-PA)  
 17715 1920 BEC; AA Middle East nx, ID "Huna Lundun," EE lessons, also noted at 1435 4/19 (444 4/13 Dillon-PA)  
 17790 1520 BEC; Romanian EE by radio, ID, nx headlines, correspondents' reports (444 4/19 Dillon-PA)  
 18080 1730 BEC; EE tlk about growing craze of African mx in USA & Europe, interview w/African singer, mx by Genesis gospel singers, freqs given (454 4/18 Bingham-MA)  
 21640 1510 BEC; EE/Swahili This Week in Africa, into Swahili? @ 1530, ID, nx (454 4/28 Dillon-PA)

Report received for 5965 @ 1215 is from Sackville, 6155 @ 0215 is from Antigua, and 7160 @ 0305 is from Ascension Islands. Logs received for 11775 are from Antigua @ 1320 and from Sackville @ 1702.

VATICAN CITY

6015 0109 Vatican Radio; EE letterbox pgm (444 4/14 Ruckman-OH)  
 6185 \*1730 VR; Ukrainian, tlk on Easter, 1745 into RR, QRM R. Moscow in Romanian (333 4/19 Wood-Saudi Arabia)  
 7250 0250 VR; RR? rel mx, tlk on religion (I assume since I hrd "Christos" mentioned several times) (333 4/19 Dillon-PA)  
 9605 0056 VR; EE tlk about President of Korea making greeting speech to Pope, Holy Father prayed for Korea, Korean mx, Popes first day in Korea (333 5/4 Bingham-MA)(Dillon-PA)  
 11810 1545 VR; EE nx, man w/Irish accent, to India (544 4/5 Wood-Saudi Arabia)  
 11845 \*0050 VR; EE IS, ID, scripture & reflections for Palm Sunday, // 6015 (422), 9605 (333) (333 4/15 Hevern-NY)(Klosowski-FL)(Bingham-MA)  
 15120 \*1840 VR; II IS, Holy Rosary, listed at 1940, YL repeating Ave Maria (Hail Mary) hrd under QRM (322 4/28 Prath-FL)  
 17730 1505 VR; lang rel mx, tlk w/mentions of Christos & Rome, IS @ 1515 then silence but carrier on (333 4/19 Dillon-PA)

UNIDENTIFIED

13700 1955 AA? Middle East-type mx, three beeps, wld nx in AA?, Big Ben @ 2100 (444 4/17 Margolis-IL) BEC also strikes strikes one no matter the hour, and the BBC transmits three beeps in the b/c to Africa. Harmonics don't fit so may be an image of your radio.-djs

I made it through all seven pages, am I right that this is the largest European loggings column yet in SPEEDX! Keep the logs coming, you're all doing a good job. Dan



SHORT WAVE

# AFRICA



MARK KOUKOL, 109 Pennsylvania #8, Loves Park, IL 61111

June 1984

Well, you're right. Either Mark has a brand-new typewriter, or something terrible has happened to his column. Don't worry, Mark is fine and so is his typewriter. However, he had "one of those months" that Stephen King should write a book about. As a result, he was unable to send me his column for June. Mark assures me, though, that he'll be ready and rarin' to go next month, and I'm sure you'll understand his situation and forgive him. Of course, all logs from June will be properly credited in any case, and if you sent him a log for a 1 watt station in Ethiopia, he'll more than likely print it anyway next month.

I'm Tom Kephart, your new publisher. I'm 21 years old, newly tied in the ropes of matrimony (hi), and am employed at WHGR/WJGS-FM in Houghton Lake, MI. I do afternoons on the AM station, and am also music director. Anyone who can hear WHGR (outside of Northern Michigan, that is) and/or hears my show will win some kind of a prize, like a couple IRCs. Good luck, we're 5 kw from 6:00 am to midnight, with a severe north-south directional pattern evenings.

So much for me. There are a couple of things I'd like to mention as long as I have the space, so here goes...

I think I speak for the entire staff and membership of SPEEDX when I say "THANKS" to our outgoing Business Manager, Don Johnson, and Publisher, John Trautschold. Both of them have been involved in the club for, well, forever, I guess. I'm not sure we can ever really let them know how much we appreciate their efforts. Anyway, thanks guys, and I know I don't have to say "Stay involved," as both John and Don are still on the Board of Directors. Thanks also for entrusting me with this job. I'll make you proud.

Next, another round of applause and thanks for two dedicated SPEEDXers, Art Getzel and Sandy Blaize. They've been editors since radios were invented, I believe, and both deserve our gratitude. Their columns will go on, of course, and while I'm on the subject, (hi) WE NEED SOME EDITORS! If you can spare a couple hours (just a couple, really) a month to edit a column for one of the most-respected SWL magazines around, send a list of your reasons for wanting to be an editor and any previous experience to our Managing Editor, Rick Drollinger. Since I'm typing this in Houghton Lake, and I've misplaced Rick's QTH, just send it to me and I'll forward it along. Thanks in advance for your help.

Finally, I'd welcome any comments, questions, or suggestions as they pertain to SPEEDX. I'm looking forward to a long and enjoyable stay as Publisher, so let me know what I can do to make your membership in SPEEDX even better than it already is. Only thing I ask is that if you require a reply (and I will answer), please send a stamp along! Thanks.

My address is below. Please also note the new addresses for John Trautschold (on his Contributors List page) and SPEEDX HQ (listed on the back cover).

73's and pleasant DX'ing!

28

P.O. Box 2041  
Mt. Pleasant, MI 48858

Tom

# ASIA-OCEANIA

EDITOR:

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DEADLINE: 12th of each month  
FREQUENCIES IN KILOHERTZ  
TIMES ARE IN GMT

\*0000=sign on 0000\*=sign off

Contributions to this month's column were overwhelming, consequently I'll save the A/O news for the end. Hopefully I will be able to include some WBL info, something I've been neglecting recently.

## B A N G L A D E S H

### R. Bangladesh

17800 1228 RB: EE: IS; ID by YL "You are tuned to the overseas service of R. Bangladesh bcsting on 13.84 and 16.85 meters"; nx, cmt, S. Asian mx; s/off at 1500 (343 4/18 Shimada-JF) (533 5/1 Matsui-JP)

## C H I N A

### R. Beijing and various regionals

4190 1235 CPBS-Beijing: unid: class. CC mx; OM w/tlks (423 4/20 Berri-CA)  
4925 1245 PPBS-Heilongjiang: CC: YL & OM w/tlks; mx; @1250 either s/off or xmtr failed (prob. the latter as WRTH lists 1530\*-RBT)(444 5/4 Berri-CA)  
5240 1500 FFS-1: CC: OM w/ID and presumed nx (444 4/10 Berri-CA)  
5770 1300 FFS-2: Amoy: TP's; YL w/ID & sked; CC mx. On past WRTH listed 1500\* (544 5/4 Berri-CA)  
5950 1112 PPBS-Heilongjiang: CC: YL w/trlk; stronger than // 4925; splatter from R. Casino-Costa Rica on 5954 (pr 4/27 Parks-FL)  
11650 \*1200 RB: EE: wld & domestic mx; tlk on US/Chinese relations (343 4/20 Dillon PA) (444 4/9 Barber-NY)  
11860 1200 RB: EE: nx; "Across the Land" pgm; CC cooking lesson; tlks on kite flying and Chinese factories (453 4/23 Blanchette-FL)(554 4/2 Hesch-NY)(433 4/24 Duncan-NC)(gd 4/6 Harrell-IL)tnx for brochure Rich-RBT  
12450 1200 RB: Tagalog: nx, mx, tlk on Philippine handicrafts; same pgm as at 1135 on 15600; 1226\* (533 4/21 Unruh-HI NJ)  
15030 2355 CPBS-2 Beijing: CC: vocals; YL w/annts; TP's at 0000(fr 4/12 Famularo-RB: Cantonese: ID; nx (444 4/10 Wood-S. Arabia)  
15165 1000 RB: EE: spts; tlk on Chinese law (444 4/18 Stephenson-CA) This freq is more QRM-free at this QTH during the 0100 bcst than 15520-RBT  
15385 0415 RB: EE: Listener's Letterbox; tlk of bamboo shortage(232 4/16 Hevern-NY)  
15520 0040 RB: EE: nx, cmt; beautiful CC folk mx(443 4/10 McKinney-PA)(332 4/21 Byron-PA)  
0100 \*0500 RB: EE: nx of Reagan's visit; Chinese fairy tales; tlk of rural life. (322 5/1 Swinn-CA) (433 4/12 Stephenson-CA) (323 4/18 Ohlinger-CA)  
15670 1120 Beijing Minority Lang Svc: Tibetan(listed): YL w/trlk; CC mx (pr 4/10 Famularo-NJ)  
Also one missort:  
9490 1200 PPBS Xizang-Lhasa, Tibet: CC: ID "Xizang bo diantai"; time signal and patriotic mx (333 4/13 Wood-S. Arabia)

## C L A N D E S T I N E

9594.8 1545 R. Iran, V. of National Liberation Front of Iran: Farsi: anti Khomeini talks and songs; het de RFE on 9595 (422 4/12 Wood-S. Arabia)  
11180 1400 V. of Free Sons of Yemeni South: AA: s/on; ID; Qur'an; AA mx; lcl quality strength, must be very near here (555 4/1 Wood-S. Ar)  
11640 0227 R. Iran: Farsi?: ment. of khomeini; R. France IS; address; martial mx; O300\* (232 4/11 Hevern-NY) The RFI IS suggests a European xmtr site- does anyone know the actual location? RBT

## C Y P R U S

### BBC Relay

9750 1555 BBC: EE: mx pgm; world nx & cmt (353 5/6 Muzyka-NY)  
15420 1200 BBC: EE: back on after a strike put all BBC Cyprus Sw relays off the air as of 4/12; Radio Newsreel (544 4/18 Wood-S. Arabia)



INDIA

6145 1545  
11620 2035

All India Radio

AIR: EE: mx; cmty on "Indian in space" (444 4/3 Wood-S. Ar)  
AIR: EE: tlk on cinema in India; sitar mx by Ravi Shankar; nx at 2200.  
(353 4/14 Welch-MA) (fr-gd 4/12 Famularo-NJ)

INDONESIA

3225 1229  
3986.4t 1135  
4752.7 1420  
4870 1142  
6188 0836  
7270 1510  
11770 1534

RRI Tanjung Pinang: IN: ID by YL, mx, tlk on Bangka Island(242 4/8 Miyau-  
chi-JP)  
RRI Dili: IN: YL vocals; RRI ID w/75.24 meters annod by YL-could not  
copy QTH (242 4/8 Miyauchi-JP)  
RRI Ujung Pandang: IN: EZL mx; ID at 1421 w/ment of "Nusantara Empat"  
This freq slightly weaker than 4719 (WRTH lists 20kw for this freq &  
50 kw for 4719-RBT) (343 4/27 Miyauchi-JP)  
RRI Sorong: IN: Pacific mx (not typical Indo mx); clear copy of RRI-  
Sorong ID by OM; Jakarta nx (444 4/7 Miyauchi-JP)  
RRI Manokwari: IN: OM w/tlk; slow orch mx; "warta berita RRI" bulletin;  
tropical mx (243 4/2 Robertson-WA) Nice catch OM-only 500 watts! RBT  
RRI Jakarta: IN: OM w/mx abt Australia; ID at 1514 (444 4/26 Berri-CA)  
RRI Jakarta: IN: Indo pop mx; TC; ID by OM; IS/song up to 1600 (pr-fr  
4/26 Sharpe-CA)

IRAN

9770 1700  
15084 1800

VOIRI

VOIRI: Farsi: patriotic chorus; ID; // 9022 (533 4/14 Wood-S. Ar)  
VOIRI: AA: wld nx; tlk abt Islamic Revolution; nasty comments abt Iraq;  
martial mx; Iraqi jammer present on most receptions (444 4/13 Dillon-  
PA)(433 4/15 Brewer-AR)(222 4/20 Abbott-IL)(544 4/15 Card-RI)

IRAQ

3130 1830  
11745 1901  
21585 1805

Sawt ul Jamaheer

SuJ: AA: ID, AA mx; // 9570 (444 4/19 Wood-S. Ar) FA  
SuJ: AA: nx; ID; political tlk; // 9635, 21585, 17720(333 4/16 Dillon-  
SuJ: AA: pgm on techniques of singing in AA style; ID at 1817; AA mx  
(232 4/15 Dillon-PA)

ISRAEL

9009 1530  
0508  
9440 \*0000  
9815 0100  
11583 0407  
11587.5 0407  
11655 2000  
2232  
0101  
12025.15 0510  
2233  
13745 \*2000  
17630 2238

Kol Israel

KI: Farsi: YL w/nx w/ments of Israel and Tehran(222 4/10 Berri-CA)  
KI: EE: rpt of Nazi doctor unfit to stand trial; tlk abt Pulitzer prize  
(333 4/17 Bingham-MA)  
KI: EE: ID, sked; "TGIF" and "Faith to Faith" pgms (454 4/7 Bingham-MA)  
(444 4/13 Dillon-PA) (322 4/21 Stephenson-CA)  
KI: EE: story abt meaning of Passover; "Calling all Listeners" and  
"Face to Face" pgms; tlk of Barbra Streisand at dedication of Hebrew  
Univ.(443 4/19 Byron-PA)(433 4/16 Macrie-NJ)(Barber-NY)(Bingham-MA)  
KI Reshet Bet: HH: nx into exercise pgm; this freq has replaced 11590  
at this time (332 4/20 Munster-GA)  
KI Reshet Bet: HH: nx after relig opening; // 9385.8(353 4/19 Munster-GA)  
KI: EE: special Passover pgm (444 4/16 Soomre-MA)  
KI: EE: nx, cmty, wx; DX Corner; "Easy Hebrew" (454 4/9 Bingham-MA)  
(333 4/10 Addison-KS) (444 4/15 Dillon-PA)  
KI: EE: only 72 Jews were permitted to leave USSR last month; rpt on  
killing of Israelis on a bus (333 5/3 Berkholtz-MN)(444 5/3 Knapp-WV)  
KI: EE: nx; operates with reduced carrier and LSB, thus requires USB  
& 3.0 or 2.3kHz filter to escape Utes and SRI & URS on 12030 (232 to  
242 4/18 Munster-GA)  
KI: EE: nx; soccer scores; "Forum" pgm (454 4/4 Bingham-MA) I am at the  
moment (2200 GMT) listening to KI on 12027kHz also at a 454 level-no  
QRM during this xmsn period. RBT 5/14  
KI: EE: IS, sked, nx; // 11655 & 12025 (fr 5/4 Famularo-NJ)  
KI: EE: vocal mx; tlk abt Jews in USSR (252 4/24 Bingham-MA)

JAPAN

6055 1059  
9505 1215  
9595 1430  
1005  
11815 1554  
15235 1615  
17825 \*0145

R. Japan; NSB (R. Tanpa)

NSB: JJ/EE: pop mx; promo in EE: "Shortwave is the Super-Wave"; ID in  
JJ as "R. Tanpa"; weak but in the clear (242 4/23 Cunningham-OH)(211  
4/24 Ruckman-OH)  
RJ: JJ: tlk by OM; JJ pop mx; EE ID at 1300 (232 4/21 Dillon-PA)  
NSB: JJ: sermon w/EE words in text (454 Keenan-CA)  
NSB: JJ/EE: rock mx; anncts in JJ & EE (342 4/28 Welch-MA)  
RJ: EE: Asian Svc of nx (353 4/29 Femyer-AZ)  
RJ: JJ/EE: wld nx; EE interview(544 5/2 Valentine-CA)(4/18 Lord-CA)  
RJ: EE: tlk abt Hong Kong; nx (pr 4/19 Harrell-IL)(242 4/24 Dillon-PA)

JORDAN

11919.5v 0415

Hashemite Kingdom Boasting Svc

HKBS: AA: ID; political tlk (433 3/31 Wood-S. Ar)

## K O R E A (NORTH)

R. Pyongyang

9360 1630 RP: CC/RR: folk mx; nx at 1700; f/out by 1708(342 4/16 Keenan-CA)  
 9560 1900 RP: EE: IS, ID, s/son; nx; QRM de Ethiopia (533 4/12 Wood-S. Ar)  
 9745 1105 RP: EE: meeting between Party officials of China & N. Korea; history of and speech by "The Great Leader" Kim il Sung; appeal to US to withdraw from S. Korea(333 5/6 Weikel-MI)(222 4/20 Dillon-PA)  
 9977 1100 RP: EE: birthday greetings to you know who (hi!); usual anti-US cmty and tlks of reunification(333 4/18 Fisher-MA)(Golab-IL)(Gunter-NC) +4

## K O R E A (SOUTH)

R. Korea

7550 2207 RK: EE: tlk abt S. Korean movie personalities (252 4/4 Bingham-MA)  
 9570 1406 RK: EE: nx; "Echoes of Trad. Mx"; tlk of Pope's upcoming visit; "Let's Learn Korean" (333 4/15 Ohlinger-CA) (454 4/26 Femyer-AZ)  
 9750 1400 RK: EE: KK mx; tlk of Asian swimming championships(gd 4/28 Harrell-IL)  
 9870 1640 RK: EE: Olympic animal naming contest (333 4/16 Stephenson-CA)  
 11805 1300 RK: CC: ID, nx; appears to replace 6135 (433 4/13 Wood-S. Ar)  
 15575 1408 RK: EE: wld nx; 2 YL w/letters between mx selections; // 9750 (333 5/4 May-OH) (242 4/21 Dillon-PA) (333 4/29 Berkholtz-MN)

## K U W A I T

R. Kuwait

9840 2105 RK: AA: nx, ID, sked; relig drama (444 4/13 Dillon-PA)  
 0307 RK: AA: ID, nx, recitation to 0329\* (333 4/4 Jones-TX)  
 11675 1829 RK: EE: sked, nx by OM; weekly pgm abt Mohammed; US pop mx for one hr. (353 4/3 Bingham-MA) (545 4/6 Robinson-TN) (Stein-NJ)  
 15110 1404 RK: AA: AA mx; ID "Huna al Kuwait"; radio drama (444 4/21 Shimada-JP)  
 15495 2100 RK: AA: wld nx; ID "Itha'at il Kuwait"; EZL & AA mx(232 4/9 Dillon-PA)  
 21545 0600 RK: AA: sked; "Kiddies' Corner" (544 4/15 Wood-S. Ar)  
 21675 0900 RK: AA: AA mx; ID by OM into nx (444 5/3 Matsui-JP)

## L E B A N O N

V. of Hope; R. Lebanon

6215 1845 VoH: RR: relig transcription from San Francisco; EE ID(444 4/14 Wood-S.A.)  
 2331 VoH: EE: relig meditation; wx rpt; ID; severe QRN & QRM (232 4/22 Hevern-NY) (322 4/24 Hardester-NC)  
 6550 \*0405 RL: AA: River Kwai IS; NA; ID by YL (222 4/19 Hevern-NY)(Wood-S. Ar)

## M A L A Y S I A

(PENINSULAR)

R. Malaysia

5965 1530 RM: EE: Malaysian string mx; ID by OM who anned only 15295 kHz; nice signal to 1700 (gd 5/1 Witte-CA)  
 6025t 1500 RM: CC: YL w/tlk; class. mx; no ID hrd (454 4/12 Berri-CA)  
 7295 1430 RM: EE: OM w/ID; YL w/"Music Time" (444 5/3 Berri-CA)  
 15295 \*1030 RM: Mandarin: ID by YL; CC pop mx; TPs at 1100 (333 4/21 Dillon-PA)

## M A L A Y S I A

(EASTERN)

R. Malaysia

4950 1330 RM-Kuching, Sarawak: EE: nx by YL; tlk on education; lcl time & ID by YL; "Potpourri" mx pgm (fr 4/30 Sharpe-CA)

## N E P A L

R. Nepal

9590 1601 RN: ?: rock & Nepali mx; ID at 1603; // 5005 (242 Miyachi-JP)

## O M A N

BBC Relay

15310 1528 BBC: EE: feature on British pianist tour of Hong Kong and China (fair 4/12 Famularo-NJ)

## P A K I S T A N

R. Pakistan

9423 1845 RP: Urdu: nx; "Pakistan zindabad", anthem and 1855\* (333 4/3 Wood-S.Ar)  
 9863a 0200 RP: Urdu: vocal/instl mx; OM annrc; first time hrd at this hr(343 no date Thompson-CA)  
 11672 \*1600 RP: EE: slow spd nx by "the colonel"; // 15595 (444 4/11 Wood-S.Ar)  
 12015 0400 RP: Farsi: ID "Inja Islamabad"; Pak. mx; 0415\* (544 4/4 Wood-S.Ar)  
 17752 0335 RP: Swahili/EE: EE nx; 0345\* in Swahili to "Afrika Mashariki" (E.Af) (555 4/20 Wood-S.Ar)  
 21500 1600 RP: EE: slow spd nx; this freq to E. Africa // 17680, 15595, 11672, & 9863 (555 4/17 Wood-S.Ar)  
 21802 1102 RP: EE: slow speed nx; // 17600 (343 4/23 Soomre-MA)

## P H I L I P P I N E S

Maharlika Best System; R. Veritas; FEBC; VOA

3285.6 1159 MBS: EE: ID "DZFM (MW Stn), MBS, besting from Media Center"; nx on the hour (242 4/23 Miyachi-JP)  
 9605 1545 RV: EE: OM w/nx into Hindi(?) Indian mx pgm (333 5/1 Witte-CA)  
 9715 1530 FEBC: CC: instl gospel mx; YL w/tlk (433 4/30 Thompson-CA)  
 9760 1130 VOA: EE: press conf.; Doris Day & Sinatra vocals(332 4/28 Welch-MA)  
 11850 1610 FEBC: EE/CC: IS, ID; YL & OM w/relg pgm; // 11870 (444 5/1 Witte-CA)

PHILIPPINES Cont.

11890 \*0900 FEBQ: EE: ID: "Something Good" pgm (333 4/18 McKeon-FL) "Operation Friendship", names and addresses given for pen pals; ID & freqs given as 11890 & 21515; relg mess. & 1000\* (333 4/18 MacGibbon-OR)

15440 1455 FEBQ: EE: OM w/"Guidelines" pgm; full ID at 1500; Bible study pgms. (333 4/2 Brewer-AR)

Q A T A R

17910 1700 Qatar Bcsting Svc  
QBS: AA: TP, wld nx; ID "Itha'atu Qatar min Doha" then abruptly off. (Strange-listed as 2130\* and I hrd a 2126\* on 5/11. RBT) (gd 4/19 Pamularo-NJ) (343 4/19 Dillon-PA)

S A U D I A R A B I A

BSKSA  
 9870 2030 BSKSA: AA: AA mx; ID: tlk by OM (232 4/10 Dillon-PA)  
 11092.5 0420 BSKSA: AA: Qur'an Svc on USB; 2nd Pgm on LSB(444 4/11 Wood-S. Ar)  
 11820 1655 BSKSA: AA: "Call of Islam"; ID as "Idha'at Nida'i al Islami min Makkata al-Mukarrama.."; Qur'an; AA mx(343 4/26 Matsui-JP)(4/19 Dillon-PA)  
 15200 1600 BSKSA: Swahili; IS; anthem; Qur'an; nx at 1630(544 4/10 Wood-S. Ar)  
 17740 0604 BSKSA: AA: Qur'an; ID at 0617; cmt; QRM after 0625 from VOA RR Svc. (232 5/3 Matsui-JP)  
 21495 0824 BSKSA: AA: Qur'an; ID at 0838; OM w/tlk (353 4/22 Shimada-JP)

S I N G A P O R E

BBC Relay  
 9740 1500 BBC: EE: Radio Newsreel; pgm on Paris (544 4/30 Thompson-CA) AZ)  
 11750 1510 BBC: EE: rpt on shooting at Libyan embassy in London(454 4/18 Femyer-)  
 15225 1700 BBC: EE: Kranji ID; world nx (444 5/2 Witte-CA)(422 4/3 Wood-S.Ar)  
 15360 0935 BBC: EE: pop mx pgm; English by radio (443 4/20 Unruh-HI)

S R I L A N K A

SLBC  
 4871 1158 SLBC: Sinhala: YL w/folk mx; TP, to 1200; nx(343 4/7 Robertson-WA)  
 4968 1600 SLBC: Sinhala: ID; mx pgm (343 4/3 Wood-S. Ar)  
 11835 1045 SLBC: EE: tlk on Eastern relg traditions (322 4/6 Blanchette-FL)

T A I W A N

Bdcst Corp. of China; VOFC  
 6180 1900 BCC: CC: lively Western march; ID; jammed (433 4/14 Wood-S. Ar)  
 9765 1045 VOFC: CC: YL w/ID; CC mx; into JJ at 1100 (444 4/21 Cox-CA)  
 15215 0400 VOFC: CC: "San Min Chu I" anthem; nx; WRTH lists 15225(433 Wood-S.Ar)  
 15270 1200 VOFC: Cantonese: CC class mx; ID: QRM de BBC RR Svc (323 4/5 Wood-S.Ar)

Again, I rcvd many VOFC rpts via WYFR. If you log VOFC on any of the following freqs, send them to J. Cereghin: 6185, 7130, 5985, 11740, & 15525. RBT

T U R K E Y

V. of Turkey  
 9515 0257 VoT: Turk: piano IS: ID by YL "Burasi Turkiyenin Sesi Radyosu"; OM w/nx (322 4/23 Dillon-PA)  
 9560 0520 VoT: EE: mx; OM w/ID; YL w/DX Pgm-listed some new Hawaiian stns on SW! (Are these proposed stns Tom? The only current one I know abt is WWVH)  
 11750 1945 VoT: Turk: Turkish mx; tlk by OM; ID at 1955; het (444 4/16 Dillon-PA)  
 11870 0310 VoT: EE: review of Turkish press; DX Corner; 0350\* (444 4/21 Blanchette-FL) (454 4/29 Bingham-MA)  
 17726 \*0300 VoT: EE: nx to NAM; QRM de R. Beijing (544 4/15 Wood-S. Ar)

U S S R (ASIAN)

7290 1330 R. Moscow-Vladivostok: EE: tlk on banning chemical weapons; RR folk mx (444 4/21 Cox-CA)  
 7320 1515 Magadan-ARSFSSR: RR: piano concerto; OM w/ID; mx from "Carmen"; // 7310, 7275 (454 4/24 Berri-CA)  
 11690 1830 Vladivostok-ARSFSSR: RR: ID as "R. Stantsiya Okean" & "Govorit Vladavostok"; nx; RR pop mx (gd 4/23 Sharpe-CA)  
 12050 0600 RM-Petropavlovsk: EE: nx; Moscow Mailbag (fr 5/6 Sharpe-CA)  
 15460 \*1200 R. Tashkent-Uzbek SSR: EE: nx; ID at 1205; mx (344 4/29 McKeon-IN)

U N I T E D A R A B E M I R A T E S R. Dubai

9550 2040 RD: AA: tlk by OM; prayers; ID, NA, & 2052\*(333 4/10 Dillon-PA)  
 11730 \*0330 RD: EE: wld & ME nx; press review; Mailbag at 0348; mx (444 4/2 McKeon-IN) (222 4/10 McKinney-PA)  
 11955 1605 RD-UAE Radio: EE: drama; EZL mx; wx w/106° F temp.(gd 4/12 Pamularo-NJ)  
 15300 1620 RD: EE/AA: QSL info; tlk abt teaching deaf children(333 4/22 Unruh-HI) (333 5/6 Thompson-CA) at 1750 in AA: AA mx; ID; QRM de R. France Intl. (433 4/14 Dillon-PA)  
 15320 1600 RD: EE: nx; symphonic mx; "Arab Heritage"; press review; tlk abt Prayer Carpets (433 4/16 Coleman-MA)(McKeon-IN)(Bingham-MA)(Wood-S. Ar) +1  
 15435 0350 RD: EE: Mailbag pgm and s/off (433 4/13 Stephenson-CA)

UAE Cont.

17830 0529 RD: EE: ID by YL; wld nx & cmty; story abt Ibn Khaldun; NA & 0600\*;  
// 17775, 21700 (343 5/3 Matsui-JP)

21700 0430 RD: AA: OM & YL w/trlk of AA instl mx; AA mx (353 5/6 Thompson-CA)

V I E T N A M

V. of Vietnam

6524.6 1358 Cao Bang: VV: lcl string mx; IDs on the hr (343 4/16 Miyachi-JP)

9840 1118 VoV: EE: VV lang lesson (222 4/17 Gunter-NC)

10040 1141 VoV: RR/JJ: YL w/nx & cmty, many ments of Nicaragua; into JJ at 1200.  
(333 4/19 Cox-CA) EE at 1800 w/anti Chinese cmty; // 15010(Wood-S. Ar)

12035 1112 VoV: EE: anti-Thailand cmty; mx; ID into CC? @ 1131(333 4/21 Dillon-PA)

15010 \*1900 VoV: EE: NA, ID; nx incl condemnation of Chinese incursions. (fr-gd  
4/12 Famularo-NJ) at 1337 in EE w/trlk of USSR/Vietnam relations (353  
4/15 Welch-MA)

15012 1300 VoV: FF/EE/JJ: FF tlk of Kampuchea; EE nx & tlk at 1330 into JJ at 1400  
(343 4/21 Unruh-HI)

Y E M E N A R A B R E P U B L I C

R. San'a

9780 0330 R. San'a: AA: tlk by OM w/ments of Yemen (333 4/7 Golab-IL)

UNIDENTIFIED

6348 1120 Unid; KK?: Asian pops; OM w/trlk; is this R. Echo of Hope (S. Korea) &  
if not, does anyone speak KK to get an ID for me?!(322 4/7 Robertson-WA)

7185 1009 Chinese Clandestine?: CC: orch. NA; OM w/CC pgm to 1025 NA; same pgm  
at 1030, 1045, 1100, 1115 and s/off @ 1125 w/ID "Shen Du Yi"(?); not  
hrd agn in 2+ weeks...anybody, HELP (444 4/15 Robertson-WA)

##### O C E A N I A #####

A U S T R A L I A

R. Australia

4920 1105 VLMA-Brisbane: EE: big band mx; ABC nx(242 4/21 Dillon-PA)(Abbott-IL)

5995 1115 RA: EE: political & econ. nx; tlk of Chernenko's new rule in USSR (444  
5/1 Valentine-CA) (322 4/19 Ruckman-OH)

6035 1700 RA: EE: nx; normally Carnarvon is 250kw, but put off air by windstorm,  
this is believed now to be Shepparton 100kw; weaker than Carnarvon &  
weaker than Shepparton on 6060. (333 4/18 Wood-S. Ar)

6045 0818 RA: EE: ID, sked, nx, pop mx(222 4/26 Ruckman-OH) (Gunter-NC)

6140 0957 VLW6-Wanneroo: EE: ID, nx, TC (333 5/1 Gunter-NC)

9610 1200 VLW9-Perth: EE: song "Bonnie from Killarney"; rock mx; relg message.  
(444 4/5 Robinson-TN)(444 4/26 Berri-CA)(454 4/20 Abbott-IL)

9660 1038 VLQ9-Brisbane: EE: songs by Gene Kelly (332 4/13 Welch-MA)

9770 1430 RA: EE: Dennis Gibbons cmty on the mentally handicapped(444 4/21  
Langlois-GA)

11910 0408 RA: EE: mx; stn pgm notes; "around the World" pgm (222 4/17 Ohlinger-  
CA) (353 4/1 Keenan-CA)

15230 0410 RA: FF: Press Review; rpt on Libyan embassy situation in London (222  
4/23 Stiner-NY)

15395 0400 RA: EE: nx; rpt of relg turmoil in India(333 4/23 Stiner-NY) +3

17865 0345 RA: EE: IS for 15 min. to \*0400; nx; //21680,15395, 15160(4/20 Wood-SA)

See the May issue of SPEEDX for additional R. Australia freqs. RBT

G U A M

KTWR

9505 1400 KTWR: EE: ID, addr; Bible course by mail; s/off w/organ at 1430 into  
pgm in Tamil lang; co-channel QRM de Japan(322 3/31 Keenan-CA)

M A R I A N A I S L A N D S

KYOI; KFBS

11900 1236 KYOI: EE/JJ: "All hit radio-24 hrs a day"; Coca-Cola ad (433 4/19  
Dillon-PA)(333 5/4 Fisher-MA)(454 4/29 McKeon-IN)(544 Gunter-NC)

15115 1000 KFBS: EE/JJ/KK: test xmsn giving power as 100kw (444 4/20 Unruh-HI)

0910 KFBS: RR: tlk; relg mx; occ IDs in RR & EE; 1100\*(544 4/27 Matsui-JP)

15125 2318 KFBS: EE: YLw/ID & addr; QRM de CC stn (232 4/19 Robertson-WA)

15150 1218 KFBS: EE: instl mx; annot "This is KFBS testing from...island"; into  
JJ or KK; QRM de unid EE lang stn (332 5/4 Hardester-NC)

N E W C A L E D O N I A

R. Noumea

7170 0830 RN: FF: FF/EE mx; nx headlines; US pop mx; ID (343 4/16 Soomre-MA)  
(252 4/13 Blanchette-FL)(322 5/1 Gunter-NC)

N E W Z E A L A N D

R. New Zealand

9520 1000 RNZ: EE: nx of N. Zealand and Pacific (232 5/7 Welch-MA)

11960 1119 RNZ: EE: cmty; jazz mx; ID & nx(223 5/6 Gray-MI)(343 4/20 Golab-IL)

0635 RNZ: EE: spts nx; "National Pgm"; "Call to Prayer"(gd 4/15 Famularo-NJ)

UNITED STATES OF AMERICA: United Nations Radio via Greenville, 11740, f/d UN Building card in 8 days (Greenbauer-AZ); WRNO-New Orleans, 6155, f/d DX Club Member card in 55 days (Howard-WO), 17895, same in 65 days (Spremo-NY); Voice of Free China via WYFR, 5985, f/d Chinese Paper Cutting card in 180 days along with sked, literature and date book (Ross-ONT); WYFR-Florida, 6065, f/d card and bumper sticker in 53 days (McCants-AL).....

U.S.A. Pirates: KPHU, ????, f/d card in 50 days, SASE; WTOT, 7425, f/d letter in 40 days, SASE; Voice of Syncom, 6250, f/d letter in 40 weeks, SASE (Baxter-KS).

CLANDESTINE: Radio Venceremos, 6906, f/d prepared card in 18 days after follow up, SS report, IRC (Wilkins-CO).

KAP'S KOMMENTS: Contrary to what I said last month, there will be no April "SWAPS" Next issue goes to press on May 1, with a April 25 deadline.

Now on to some commonly asked questions that time precludes from answering individually. To have a fighting chance to get a QSL out of a Latin American station broadcasting in Spanish (or a Brazilian in Portugese) it is almost imperative to sent a report in the proper language. The BEST guide to writing foreign language reports is SPEEDX own "Foreign Language Report Guide" which Don Johnson at Lake Elsinore loves to all but give away at a most reasonable price. Drop Don a line, along with the obligatory SASE and he'll send you the info, that is, if you've lost your New Members Packet which has this information. SPEEDX has also got some super Tri-Lingual reporting forms, but you've got to earn these, via credit points. Don has the info on that also.

Awards? Heck yes, SPEEDX has a super program. And, we go by the honor system, for those who do not collect QSLs. The proper address for the info is: Jack Jones, 304 Robinhood Road, Jackson, MS 39206. Cost for the "Country List" and the entire awards program info sheet is \$1.00..

How to get pennants? Ask for them, that's how. Some folks feel that asking for a pennant might jeopardize getting a QSL from the station. That is not so. Many stations, especially some of the Major Internationals, do have certain requirements for getting a pennant, such as so many reports, membership in a "house" DX club and the like.

As for enclosures to send to stations, used U.S. commemorative stamps are always welcome by staff members. If you don't get much mail, the 2¢ each box at your local stamp collector store is a goldmine. Also, local post-cards are a nice touch, if you live in a small town, try to get cards from that town, rather from a nearby major city. Yes, the clerk at Turnpike Pharmacy does look at me rather strangely when I buy "Shrewsbury Town Hall" cards 50 at a time, especially when the building pictured on the card was torn down years ago and replaced by a modern one. Photos of you and your equipment are also most welcome by stations. Sounds a bit expensive, but it's really not. Even if you have to buy the used stamps, (and send only 10 or so), total outlay will be less than the cost of an IRC. Yes, you should also send return postage to most small stations, whether in the form of IRC or mint stamps of the country involved. Best source of mint stamps that I know of is: DX Stamp Service, 7661 Roder Parkway, Ontario, NY 14519. Send George an SASE for his latest price list and tell him you saw the address in Kap's column in SPEEDX.

There is also a good source for "report cards" in EE, PP, SS and FF. An SASE to William J. Plum, 124 Hillside Terrace, Irvington, NJ 0711 will get you the info. Enclose a buck and I'm sure that Bill will send you a sample of each.

Yes, it's true, I did get a new radio, the Kenwood R-2000. Just got it a couple of days ago, and doing this column has tied up my time, but if first impressions are lasting ones, I am going to be very happy with it.

One more note, and goodnight. I must strictly abide by the 12th of the Month deadline. Only exception is if the 12th is on a Sunday, then we extend it one day. Otherwise, anything received on the 13th or after will be held over to the following month.

NEW ZEALAND Cont.

15485 0335 RNZ: EE: pop mx; TCs; wx for major NZ cities(242 4/20 Dillon-PA)  
17705 0222 RNZ: EE: YL anncr w/class mx pgm (323 4/26 Abbott-IL)

P A P U A N E W G U I N E A

3360 0926 R. Milne Bay: EE/Vern: mx, from lcl guitar to Beatles; IDs w/chime on the hour (242 4/17 Miyauchi-JP)  
4889.6 0940 NBC Port Moresby: EE: tape of "Report from Asia" from R. Australia; ID & TC into radio drama (444 4/18 Miyauchi-JP)(333 4/30 Gunter-NC)

S O C I E T Y I S L A N D S

R. Tahiti  
6135 0530 RT: FF/Tah: island mx w/YL anncr(333 4/29 Witte-CA)(Robertson-WA)  
11825 0552 RT: FF/Tah: mostly Polynesian mx but also some rock; FF nx at 0600; s/off w/FF NA at 0728 (444 4/18 Waelterman-MO)(Golab-IL)(Matsui-JP) +1  
15170 0410 RT: FF/Tah: YL w/island mx; OM w/nx (444 4/11 Sable-NY)(454 4/17 McKeon-FL)(Stephenson-CA)(Blanchette-FL)(Waelterman-MO)

S O L O M O N I S L A N D S

SIBC  
5020 0800 SIBC: EE: OM w/nx to 0809; OM w/run-down & chatter-boring! (232 5/3 Thompson-CA)  
9545 0715 SIBC: EE/PD: info on church services & relig mx; messages for public from govt officials; YL in PD w/rock and polynesian mx; EE nx at 0730 (444 4/18 McKeon-FL) (333 5/6 Sharpe-CA)

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There have been a number of stations recently utilizing the relatively new 22 meter band ( 13600-13800 kHz ) including the following Asians:

13700 Iraq (I'm assuming this is the Sawt ul Jamaheer Home Svc)  
13720 Kol Israel: Home Svc in Hebrew, 1730-2215  
13745 Kol Israel: External Svc in EE, 1900-2200

There is also an unidentified reported to be on 13670 kHz around 0200 w/CC & KK mx.

\*\*\*\*\*

INTERNATIONAL WATERS: Dr. Richard Wood-Saudi Arabia reports that the Voice of Hope, formerly on 6240 kHz has been inactive on SW since late March.

\*\*\*\*\*

WBI NEWS

AFGHANISTAN: Since 4/1/84 R. Afghanistan has been bcstng its EE svc to South and South East Asia from 0900-1030 on 21460, 17720, 6230, and 4450 kHz. The 1900-1930 EE xmsn is beamed to NAM and W. Europe on 15077, 11960, and 9655 kHz. The AA svc from 1700-1730 is heard on 15330 and 11700 kHz.

BANGLADESH: EE Svc sked to Europe:

21450, 15230 kHz 0730-0800 "Voice of Islam" pgm  
21670, 17800 kHz 1230-1300 News, cmty, and Press Review on Thursdays  
9540, 7280 kHz 1815-1915 Slow speed news at 1900

CYPRUS: Publicity material concerning Bayrak Radio-TV indicates that new projects for the period 1984-1988 included the building of a 300 kW SW xmtr for a foreign lang svc.

INDIA: All India Radio reported on 4/9/84 that a new integrated bcst svc for the north-eastern region with a 50 MegaWatt (sic) SW xmtr was expected to be commissioned next year. It would operate from Shillong. Gauhati would also have a 50 MegaWatt (sic) SW xmtr to strengthen its existing service. AIR is also expected to commission new radio stns at Madurai, Adiliabad, Itanagar, Tura, Sholapur, and Almora during the current financial yr.

IRAN: An unid station which plays rev. songs in Persian supporting the ideology of the Khomeini govt has been hrd bcstng on 4990 kHz. This channel is also occupied by Armenian Radio in Yerevan, which carries ext-svc pgms in AA, Armenian, & Kurdish to the M. East.

NEPAL: R. Nepal now using 9590 kHz instead of 3230 as of 4/1/84. This freq //s 5005 kHz from 0020-0350, 0720-1050, and 1150-1720.

OMAN: R. Oman is currently hrd on 6085 kHz during the evening period (GMT), // 11890.

MALAYSIA: RTV Malaysia reported on 3/15/84 that the Minister of Info had stated that R. Malaysia's overseas svc needed to be extended. The Govt had agreed to expand the svc to include pgms in JJ, Cambodian, Laotian, & VV. The Minister added that the svc needed to be extended to Europe and Canada in an effort to attract investment.

\*\*\*\*\*

I guess nobody had any luck hearing R. Hong Kong in April. A report on RCI's SWL Digest stated that a listener in Arkansas hrd them on 4/23 at 1055 GMT so they did make an appearance. Oh well--1986 is only two short years away-Hi! As for me, I'll be back in one month. Still not sure if I will be at the ANARC Convention in July.

73's  
Bob

# QSL REPORT

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ANNEE MONDIALE DES  
COMMUNICATIONS  
WORLD COMMUNICATIONS  
YEAR  
AÑO MUNDIAL DE LAS  
COMUNICACIONES



1983

VIA AEREA

Hello everyone, and welcome to the June 1984 QSL report. Let's get right to the information:

\* AFRICA \*

ALGERIA-RTA-15160, f/d logo card in 9 months (Gilley-VA). 17745, f/d card in 20d for 3irc on second try (No Name-!!). Same in 70d after f/up for ms and US\$1 (Van Horn-TX).

CAPE VERDE-R. Voz de Sao Vicente-3931, date/freq card in 26d for 2 irc (Leite-MA).

CHAD-R. Moundou-5286, long handwritten FF letter from stations director in 10wks for FF rpt and 2 irc (Lobdell-MA). V/S-Dorong Gue'la Ketchoua.

DJIBOUTI-RTVD-4780, date only plain card in 3mos for FF rpt and 2 irc (MA-Lobdell). Same in 80d after f/up for ms and FF rpt (Card-RI).

GABON-R. Japan Relay-f/d special verification in 23d (Dillon-PA). Date/freq card in 17d (Jones-VA). f/d card in 19d for an irc (Gurley-TX). d/f map card in 30d (Welch-MA). Same in 22d (Gunter-NC). Same in 17d (Soomre-MA).

LIBYA-R. Jamahiriya-11816, f/d logo card in 166d for 2 irc (Dillon-PA). Same in 119d for 2 irc (Chickerell-WV). Same in 38d for an irc (Radtke-CA).

MADAGASCAR-R. Nederland-15560, 21480, f/d Van Gough card in 48d for 2 irc (Card-RI). Construction card in 18d (Adams-MA).

MOROCCO-VOA-9760, f/d 4th of July card in 11d (Welch-MA).

NAMIBIA-R.SWA-3295, f/d card in 30d for an irc (V. Hevern SJ-NY).

NIGERIA-FRCN-Kaduna-4770, f/d form letter in 45d for an irc (Heinen-CO). V. of N.-15120, f/d airport card in 511d for 3 irc after f/up (Woloch-PQ). Sokoto State Bcstng Corp-6195, PFC returned in 6 wks after f/up of 1980 reception. V/S:S.A. Akande for Controller of Programmes. Also called Rima Radion and address is: P.M.B. 2156, Sokoto. (Lobdell-MA).

RWANDA-D.W.-19m, refusal to return a prepared f/d QSL in 30d for ms and GG rpt. DW is using no data cards agn. (Card-RI).

SENEGAL-R. Senegal-4890, date/freq card in 177d for an irc (Soomre-MA). f/d fish card in 30d after f/up for 2 irc and FF rpt and \$1.00 (Van Horn-TX).

SOUTH AFRICA-R.5-3250, f/d montage card in 48d after f/up for 2 irc (None-!). R. RSA-25790, 5980, 11900, 9615, 6065, 6160, f/d cards in 46d (Ducos-FR). in 90d (Heinen-CO). in 30d with pennant (Adams-MA). in 20d for 3 irc (Co-Neuverth). In 42d (Barto-CT). In 20d with pennant (Chickerell-WV).

TUNISIA-RTV Tunisienne-7225, date/freq personal letter in 36d for 2 irc and FF rpt (Parks-FL).

\* EUROPE \*

ALBANIA-R.T.-9790,7065, date/time card in 160d for 2 irc after 2 f/up's (Card-RI). Same for same in 96d (Gurley-TX). Same in 304d (Talbot-ATA).

AUSTRIA-ORF-5945, 17770, f/d glass towers card in 51d (Welch-MA). Card and sticker in 72d (Welch-MA). Art card in 50d (Harrell-IL). Mountains card in 44d (Harrell-IL). Card in ??d along with sticker (Bishop-NY). Art card in 65d for an irc (Mendez-NJ).

BELGIUM-BRT-5910, 2 QSLs in 30d (Klosowski-FL). Form letter in 73d (Soomre-MA). card in 39d (Welch-MA). Building card in 30d (Harrell-ILL). Letter in 40d for an irc (Falbo-OR). Same in 40d for an irc (Mendez-NJ). F/d cards in 61, 37d (Dillon-PA).

BULGARIA-R.Sofia-9700, 7115, f/d card and letter in 85d (Chickerell-WV). Same in 60d (Harrell-ILL).

CZECHOSLOVAKIA-R.P.-Various freqs, f/d costumes card in 23d (Renn-WA). Architecture card in 30d (Barto-CT). Card in 51d for an irc (Falbo-OR). Books and magazines and a calendar were received by (Chickerell-WV).

FRANCE-15300, 17760, 17795, card in 28d (Ducos-FR). 50th ann card and pennant in 55d (Harrell-IL). QSL and pennant in 58d for an irc (Claytor-OH).

EAST GERMANY-RBI-7185, 9560, 21540, 3 QSLs in 46d (Ducos-FR). f/d card and first day covers in 75d (Welch-MA). Card and script on 3/25 mailbag program in 54d (Welkel-MI). Card and book in 32d (Speer-CA).

GERMAN FEDERAL REPUBLIC-Sudwestfunk-7265, date/freq morse card card in 65d for an irc (Schulsinger-OH). Same in 181d for an irc (Soomre-MA). V/S-I.V. Krank, Tech. Dir. RFE-3970, 6115, 7200, freq only card in 16d (Barto-CT). R. Liberty-6115, 9725, freq only card in 16d (Barto-CT). DW-9690, no data map card in 41d for an irc (Neuverth-CO). Also recd a decal. Bayerischer Rundfunk-6085, antenna card in 60d for an irc (Schulsinger-OH). Sender Fries Berlin-6190, f/d logo card in 29d for an irc (Jones-VA).

GREAT BRITAIN-BBC-9590, no data london bridge card in 17d (Harrell-ILL).

GREECE-VOA-Rhodes-15195, f/d card in 12d (Card-RI). V of G-11645, f/d Pipmari card in 55d (Welch-MA).

HUNGARY-R. B.-RBSWC Annual QSL card (Byron-PA), (McKinney-PA). 9835, QSL in 67d (Ducos-FR).

ICELAND-13797, R.R.-f/d view card in 164d for 2 irc (Gilley-VA). Same in 150d (Adams-MA).

ITALY-RAI-7175, 9575, f/d statue card in 162d for 2 irc and EE/ITAL. rpt (Gammie-MI). Card in 26d (Barto-CT). Card in 165d for an irc (Mahoney-FL). Card and Cloth pennant in ?? (Chickerell-WV).

LUXEMBOURG-R. Lux-6090, f/d station crew card in 30d (Adams-MA). Studio card in 22d for 2 irc (Gurley-TX).

NETHERLANDS-R.N.-9895, f/d Van Gogh card in 27d (Ducos-FR). f/d card and pennant in 25d (Welch-MA). Same in 10d (Mendez-NJ).

POLAND-R.P.- 2 qsls in 76d (Ducos-FR).

PORTUGAL-RFE-various freq cards in 16d (Barto-CT). R. Portugal-9575, 11925, 11775, f/d underwater scene card in 48d (Renn-WA). F/d zoo card in 30d (Harrell-ILL). Same in 28d (Welch-MA). Same in 34d for an irc (Claytor-OH). DW-15160, f/d ann. card in 60d (Jones-VA). AWR-QSL and pennant in 34d (Ducos-FR). 9670, Antenna card and calendar in 22d for 2 irc (Soomre-MA). R. Renascenca-11730, time/freq logo card in 65d for an irc and PP rpt (Mahoney-FL). Same in 7mos for 2 irc (No Name). time only card ib 46d for PP rpt (Barto-CT). Same for an irc in 126d (Soomre-MA).

ROMANIA-R. Bucharest-5990, 9550, 9510, f/d card in 90d (McKinney-PA). Same in 120d for 2 irc (Adams-MA). f/d Forester's Daughter card in 81d (Talbot-ATA). Card in 65d (Talbot-ATA). Card and 3rd year RB listeners Diploma in 50d (Mahoney-FL).

SPAIN-SFR-f/d card and calendar in 37d (Shimada-JAPAN). f/d painting card in 54d (Chituiu-MD). F/d card in 38d (Bishop-NY). Same in 34d (Speer-CA). R. Liberty-17725, freq only card in 16d (Barto-CT).

SWEDEN-RSI-17860, f/d stop acid rain card in 14d (Klosowski-FL). f/d EDXC card in 52d (Barto-CT).

SWITZERLAND-SRI-11715, 17850, f/d card in 38d (Caceres-NY). Interview card in 29d (Bishop-??). f/d card in 40d (Renn-WA).

VATICAN-Vatican Radio-6015, 11740, f/d pope card in 374d (Hevern-NY). Same in 62d (Harrell-IL).

\* USSR \*

R. Tashkent-9600, f/d logo card in 50d with pocket calendar (Dillon-PA).

R. Baku-4785, f/d paper form card in 132d (Soomre-MA).

R. Yerevan-17870, f/d white card in 53d (Renn-WA).

R. Tallin-5925, f/d card in 39d (Leite-MA).

R. Kiev-9580, f/d sports card in 35d along with stamps (Mahoney-FL).

R. Moscow-9760-Armavir, (Falbo-OR). 7260-Ryazan, 9710-Frunze, 9795-Tbilisi, (Van Horn-TX). 9780-none, 9790-Komsomolsk-on-Amur, 15455-none (Unruh-HI). 11800-Kiev (Ducos-FR). 11840-Moscow (Claytor-OH). 17880-Irktusk (Jones-VA).



15455-Petropavlosk-Kamachatsy (Jones-VA). 15455, 12010-Pet-Kam, 7100-Armavir (Dillon-PA). 15455-Pet-Kam-Schulsinger-OH). 11750-Vladivostok, 15470-Komsomolsk-on-Amur, 11710, 15180, 15450, 15140, 12010-Pet-Kam (Speer-CA). 11900, 17810, 9780-No sites tho requested (Welch-MA).  
Pet-Kam is Petropavlosk-Kamachatsky, and all cards were received in about 50 days.

\* ASIA \*

AFGHANISTAN-R. Afghanistan-15077, f/d card in 120d (Adams-MA).  
CHINA-R. Beijing-7055, 9860, 11860, 11650, 9064, QSL and pennant in 42d (Ducos-FR). Card and pennant in 92d (Dillon-PA). Card in 70d (Barber-??). Card, letter and pennant in 32d (Mendez-NJ). Great wall card in 18d with a pennant (Welch=MA). Card in 46d (Chituck=MD). Bookmarks, calendar, magazines (Chickerell-WV).  
INDIA-AIR-9912, f/d card in 90d for an irc (Mahoney-FL). 4800-Hyderabad, f/d card in 61d (Barto-CT).  
IRAQ-R. Baghdad-????, f/d large folder card in 84d (McKeon-IN).  
ISRAEL-Kol Israel-11655, f/d card in 56d (Bishop-NY). Same in 49d for 2 irc (Macrie-??).  
JAPAN-R. Tampa-6055, f/d orbiting headphones card in 148d, 43d after f/up for an irc (Renn-WA). R. Japan-21610, QSL in 22d (Ducos-FR). I received 6 reports for RJ via Africa No One reported as Japan, these would be reported as Gabon please. Seems to be some confusion here, though, as some reporters believe that the transmission that they heard was not via ANO, even though their cards say so. So now for the missorts, these are RJ via ANO: 9505, 17755, 9675, 15300, Special card in 20d (Harrell-IL). Same in 26d for an irc (Falbo-OR). Same in 34d for an irc (Neuverth-CO). Same in 34d (Bishop-NY). Same in 26d (Mahoney-FL). Card in 32d (Speer-CA).  
KUWAIT-R. Kuwait-11675, f/d folder card in 33d (Leite-MA). Same in 32d with wrong date (Chickerell-WV). Same in 44d for 9840 Khz (Welch-MA).  
LEBANON-6215, logo card, bumper sticker, and station info in 9d for MS (Hardester-NC). Same in 94d for 2 irc via Israel (Mahoney-FL). The first one was via California address.  
NORTH KOREA-R. Pyongyang-9745, 15230, f/d rising sun card in 60d (Heinen-CO). Card, pennant, 3-d calendar, postcards, and book in 228d, 75 after f/up for an irc (Renn-WA).  
PAKISTAN-P. Pakistan-17840, time/freq letter in 33d along with "Pakistan Calling" journal (Shimada-JPN).  
PHILIPPINES-V of Philippines-9580, date/time card in 36d (Shimada-JPN). FEBC-11890, f/d Sunset card in 38d for 3 irc (Davidson-TX). VOA-Tinang-9760, f/d card in 28d (Unruh-HI). R. Vertas Asia-11955, f/d card in 33d for an irc (Speer-CA). Also recd sked, postcards and Japanese stamps.  
SAUDI ARABIA-BSKSA-11855, f/d logo card in 65d for EE rpt and postcard (Gilley-VA). Reply was via registered mail.  
SOUTH KOREA-KBS-7550, qsl and sticker in 42d (Ducos-FR). 15575, f/d bridegroom card in 28d with a pennant (Byron-PA). Same combo in 33d for an irc (Falbo-OR). f/d bridge card in 90d (Heinen-CO). Bridegroom card in 18d (Bishop-NY). Same in 23d for 2 irc (Adams-MA). Same in 60d (Mahoney-FL).  
TAIWAN-V of Free China-5985, f/d card in 20d (McKinney-PA).  
TURKEY-VOT-9660, f/d card and pennant in 14d (ducos-FR).  
UNITED ARAB EMIRATES-R. Dubai-15320, 21655, f/d card in 49d (Barto-CT). Map/logo card in 64d for an irc (Falbo-OR). Also a pennant.  
VIETNAM-VoV-15010, f/d folder card in 104d (Talbot-ATA).

\* OCEANIA \*

AUSTRALIA-VLW6-6140, f/d map card in 28d (Renn-WA). R. Australia-5995, 9580, 17795, forest kingfisher card in 24d for 3 irc (Neuverth-CO). Same in 31 days (Speer-CA). Seals card in 8d for 2 irc (Macrie-NJ).  
GUAM-KTWR-9510, f/d flower card in 18d for 60¢ MS (Golab-IL). Same in 37d (Barto-CT). Same in 30d (Gurley-TX).  
SAIPAN-KYOI-11900, f/d logo card in 57d for ms (Dillon-PA).

NEW CALEDONIA-R. Noumea-7170, n/d logo card in 300d for 2 irc (Card-RI).

PAPUA NEW GUINEA-NBC-4890, f/d map card in 46d for an irc-V/S-Thomas Aye (Talbot-ALTA).

SOLOMON ISLANDS-SIBC-9545, f/d card in 23d for 3 irc (Welch-MA).

\* CENTRAL AND NORTH AMERICA and the CARIBBEAN \*

ALASKA-KNLS-9685, f/d letter in 11d for ms (Falbo-OR). Same in 10d (Unruh-HI).

CANADA-CKZN-6160, f/d CBC card in 43d for an irc (Golab-IL). CFRX-6070, f/d CFRB plane card in 30d (Huffaker-MX). Same in 55d for an irc (Brewer-AR). CFVP-6030, f/d downtown calgary card in 15d for ms (Heinen-CO). Same with stickers and map in 4d for ms (Talbot-ALTA). CFCX-6005, f/d R. Montreal card in 35d for an irc along with a sticker (Mendez-NJ). Same in 41d (Caceres-NY). RCI-5960, f/d DIY card in 11d (Jones-VA). Same in 20d (Dillon-PA). Same in 19d (Mahoney-FL). Same in 26d (McCants-AL). Same in ?? (Adams-MA). Same in 80d (Macrie-NJ).

CUBA-R. Moscow-11840, f/d card in 78d (Gurley-TX). Same with stamps in 45d (Schulsinger-OH). RHC-11690, f/d Lenin park card in 52d (Barto-CT). El Morro Castle Card in 220d (Dillon-PA). Same in 180d for 2 irc (Adams-MA). Card in 6mos (Romberg-WI).

HONDURAS-HRVC-La Voz Evangelica-4820, f/d logo card in 27d for 2 irc (Falbo-OR). Same in 90d for 2 irc and SS rpt (Adams-MA). La Voz de Mosquita-4910, n/d letter and pennant in 12d for 20¢ US stamp (Jones-VA). V/S-Sammy Simpson. La Voz del Junco-6076, f/d card in 35d for \$1 and SS rpt (Parks-FL).

NETHERLANDS ANTILLES-TWR-9535, f/d transmission towers card in 33d for 3 irc (Neuverth-CO). R. Netherlands-6165, f/d museum card in 18d for an irc (CO-Neuverth).

NICARAGUA-La Voz de Nic-5950, date/freq letter, pennant, and stickers in 257d (Szabo-??). Same in 118d for an irc (Falbo-OR). Same in 125d (Renn-WA)

UNITED STATES OF AMERICA-WYFR-15365, f/d 10th ann card in 60d for ms (VA-Jones). Same in 79d (Unruh-HI). AFRTS-11805, f/d Dof Defense card in 7d for 20¢ MS (Unruh-HI). VOA-Bethany-6125, f/d card in 15d (Van Horn-TX). WINB-17730, f/d logo card in 74d (Talbot-ATA). V/s-John H. Norris. R. Earth-6185, f/d Curacao card in 147d V/S-Jeff White (Dillon-PA). Same in 152d for ms (Falbo-OR). WRNO-6185, 17775, 7355, f/d New Orleans Saints card in 30d for ms (Heinen-CO). date/freq card in 11d (Unruh-HI). Louisiana card in 46d (Macrie-NJ). DX club member card in 14d for ms (Hevern-NY). Also received 2 WRNO stickers.

\* SOUTH AMERICA \*

ARGENTINA-RAE-11720, f/d card in 38d with a pennant (Bishop-NY). Same in 44d (Unruh-HI).

BRAZIL-R. Sao Carlos-2420, n/d personal letter in 46d for PP rpt and \$1 (Parks-FL). R. Educadora Rural-2488, 2489, date only letter in 67d for PP rpt (Barto-CT). R. Nac do Brazil-15290, f/d card in 3 wks for an irc (Gurley-TX). Same in 64d (Ducos-FR). Same with sticker in 19d for 2 irc (Unruh-HI). Art card in 31d (Bishop-NY). Statues card in 33d for an irc (Chituk-MD).

ECUADOR-HCJB-9745, f/d indigenous people card in 26d for an irc (Falbo-OR). 15295, Ham card in 60d (Heinen-CO). 35th ann card in 58d (MD-Chituck). Indian card in 24d for 40¢ MS (Welch-MA).

FALKLANDS-FIBS-3950, f/d card in 74d (Barto-CT).

PARAGUAY-R. Nac-9835, freq only form letter in 27d for an irc (Welch-MA). Also recd Stamps.

PERU-R. Libertad de Trujillo, 4910, returned PFC and sent personal letter, photo, and post cards in ?? for SS rpt and MS. (Lobdell-MA). Date/freq card and letter in 15d for SS rpt and \$1 (Parks-FL). V/S-Carlos Burmester B., Abogado, Director-Gerente. R. Concordia-Arequipa-9580, date only form letter, and returned PFC, and a sticker by registered mail in 4 mos for a SS rpt and MS. V/S-Victor Fernandez Bustinza, Gerente (Lobdell-MA). R. Oriente-Yurimaguas-6190, SS personal letter, PFC by registered air in 6 weeks for SS rpt, MS and tape. V/S-Prof. Ricardo Arevalo Flores, Administrador-Director-Artistico. (Lobdell-MA).

R. Nor Peruana-9655, f/d letter in 40d for 3 lang rpt form and registered letter and ms. V/S-Ernsto Toche Natteri. (Van Horn-TX). R. Huamachuco-3829, date/time card and letter in 39d for SS rpt (Barto-CT). Manuel Domingo Gil Gil was V/S.

VENEZUELA-R. Nac de Ven-9530, f/d waterfall card, pennant, sticker, and form letter in 633d for and irc and SS rpt (Parks-FL). R. Maturin-5040, date/freq card in 50d for ms and SS rpt (Huffaker-MA). V/S-Carmelo Resplandor-YV8NE. R. Barquisimeto-4990, f/d card in 20d for an irc and SS rpt. V/S-Morela Pernaleta M. (Mendez-NJ).

\* PIRATES AND CLANDESTINES \*

KPRC-6275, date/freq card in 60d for SASE (Jones-VA).

KQRP-7415, f/d handdrawn card in 18d for 60¢ MS (Golab-IL). Same in 22d for same (Schulsinger-OH).

La Voz del CID-11101, f/d logo card in 14d for 2 irc and SS rpt to Costa Rica (Van Horn-TX).

My printing of pirate radio station QSLs does not mean that this editor, ndr SPEEDX support what they do, or represent in any way. It is done as a courtesy to members who wish to see them.

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PENNANTS

Pennants were received this month from the following stations: R. Nac de Venezuela, RAE-Argentina, R. RSA-So. Africa, R. Pyongyang, R. Nederland, R. Korea, V. of Turkey, R. France Intl, R. Dubai, R. Beijing, RAI-Italy. Stickers were received from: Voice of Hope-Lebanon, CFVP-Calgary, and R. Nac de Venezuela.

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Now to answer some questions:

Radio Moscow will put the transmitter sites on the QSL card when requested. However, sometimes you will receive the cards, without the sites. In this case try again. They usually oblige.

If a reply should be received from a radio station that is a common verifier, without a QSL, send them a new report. Sometimes they do forget to send the QSL.

Please cut your logging slips apart, and include a piece of paper with your name on it. It will make my job easier, and also assure that I won't lose your name when making up the contributors list.

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Universal Shortwave Radio is compiling a list of shortwave radio listeners into a book. It is a great idea, and a way for SWLs to look each other up and meet each other. For more information, and to be listed write to : Universal Shortwave Radio, 1280 Aida Drive, Reynoldsburg, OH 43068.

Galaxy Electronics has their new catalog out, filled with all sorts of goodies. It is \$1, refundable on order, from Galaxy Electronics, Box 1202, 67 Eber Ave, Akron, OH 44309.

Peter Dillon did an experiment with R. Libya's 2 addresses. He sent 2 reports, one to each, to see which was faster. Malta took 63 days while Libya took 166d and was still mailed from Malta. So it is definitely faster to go via Malta. Thank you for sharing this information Peter.

We had 55 contributors this month, thank you for your support.

And now, the moment you have all been waiting for, the TIP OF THE MONTH! Carl Mann sends along self stick pre addressed reply labels along with his reception reports. This makes it easier and quicker for the stations to reply to his letters. He also says, that after he receives a reply from a not too reliable QSLer, he always sends a thank you note. This is a very good idea, as courtesy is a very important part of our hobby, and it makes things better for the next DXer who writes to that station.

When reporting to radio stations and requesting a QSL, always be courteous. Send enough details for the station to verify that you heard them. Try to send at least a half of an hours worth of details, however, if the program is an hour or so, send details on the whole program. Many stations will not verify a reports on less then the whole program. R. Tirana is one that I can think of. Send precise details, names of songs, topics of discussion, not just terms like music and a person talking. Also list the time, in UTC, that each feature was heard.

When requesting the verification, be friendly and non-demanding. A outright demand for a QSL will not get you anyplace. I have seen reception reports and QSL requests which say outright SEND ME A QSL!. This is rude and not in the best intrest of the DXer, as it makes him look like a clod. Be polite, and try to spread international goodwill with every reception report you write. This is the whole purpose of communications, after all, to promote peace.

Try to send return postage, whenever possible. Many of the smaller stations can not afford to spend money on postage. This also applies to most religious broadcasters. Use the column to get an idea of what you have to send for a reply. Many stations, mostly regionals, do not have anyone on the staff who can speak English. In this case you may have to write in the native language of the station. If you can not write in these languages, usually French, Spanish or Portuguese, many SW clubs, including SPEEDX, publish booklets about reporting in them. Write to our headquarters for more information on the Foreign Language Reporting Guide, it is indispensable to the regional DXer. Another alternative is a tri language report form, available to full members of SPEEDX, depending on membership credit. You have to write to the publisher for this information. As for return postage, mint stamps are best, available from the DX Stamp Service, 7661 Roder Parkway Ontario, NY 14519. Send a SASE for a price list. Also available are ircs (International Reply Coupons), from your local post office for 65¢ each. These are good for the return, surface rate, of a letter. It takes more then one for airmail, usually 2 or 3, but sometimes as many as 5. As you can see, it is quite expensive to use ircs.

It is also sometimes helpful to send attention grabbers along with your report. These can include tourist brochures, used commemorative stamps, stickers, or anything else that you may believe would intrest the staff of the radio station. This will sometimes intrest the station staff enough in you, to answer your report.

Finally, after receiving a reply, do not be afraid to send a thank you note. This will help open the doors to the next DXer who writes to the station.

One thing that I forgot to include above, is what other information to include in the reception report. Vital items, aside from program details, are time, date, and frequency of reception. Also the quality of reception. For large broadcasters, use the SINPO code. For small, regionals spell out the quality of reception. If a station is using several frequencies, compare each one. Tell what station is causing QRM, and if possible, suggest a nearby frequency that is clear at their broadcast time. All this information is of help to the frequency planners, and you do want to be of help. Comments on their programs are also appreciated, as are suggestions for interesting new programs. Tell the station a little about your self. Other hobbies, age, occupation what made you start SWLing. The station also likes to learn about listeners, this helps them to structure programming of intrest. Remember, at all times, keep your reports friendly. Each letter should be a little peace offering, maybe some day they will pay off politically.

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I hope my brief introduction to QSL tips have been of intrest to the new members and old timers alike. We have had many new contributors in the past few months. Also for their benefit, I will re-introduce myself now. I am 21 years old, and an electronics technician. I also have my Extra Class amateur radio license, call N2EKL. I am very intrested in radio, and I monitor just about all bands from VLF to UHF. I've been a DXer since 1978, and have verified 98 countries, from the SPEEDX list. I like to QSL stations, but lately time has kept me from sending out reports. My other hobbies include photography, stamp collecting and electronics experimenting. Now you all know something about me, write and tell me about yourselves!

Well, I have seven pages this month, and I think that I have used up all of my material. A few more items, and then I will show some interesting QSL cards.

I have a report form available for radio station goodies, pennants and the like. If you are interested in using them, please send me a SASE and a dime to cover copy costs.

Thank you for your contributions to the information booklet on station goodies. I should be compiling it soon. Your help is much appreciated.

Do not forget to order your copy of the QSL Address book from Gilfer Shortwave. It is a very helpful publication. See last months column for more details.

Well, I guess that that about does it for this month. So Thank you for your support, good luck, gud DX and <sup>73</sup>

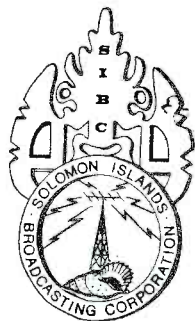
*Tom NZEKL*



*Emisora* TNX Mike Mahoney

*Armonias del Caquetá*

H.J.V.K.  
30 KW - 970 KHz  
Canal preferencial  
3 KW - 4915 KHz  
Onda corta



RADIO EXTERIOR DE ESPAÑA

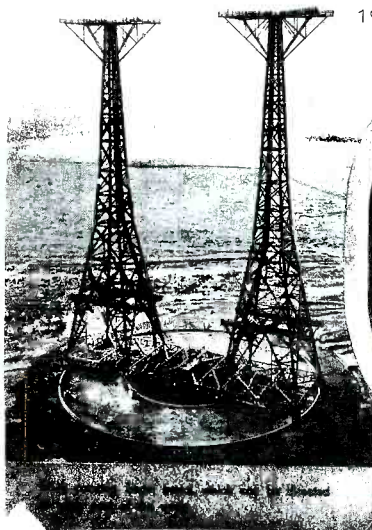


Deutsche Welle

B.P. 97 — DJIBOUTI  
Télex : 5863

Téléphone :  
35.22.94

REPUBLIQUE DE DJIBOUTI



1949 QSL frm Bob Palmer



wish to convey to you their appreciation of your kind communication regarding the transmission of the  
broadcast by PCJ, PHI and PGD.



PHI 1949 QSL frm Bob Palmer  
PHI 1949 QSL frm Bob Palmer  
PHI 1949 QSL frm Bob Palmer

# UTILITY SCENE

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

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, and then down the right hand column.....

Hello Gang:

As most of you are probably aware, in mid April our utility community lost a good friend.....

Perry Ferrell, better known to many by his company - GILFER ASSOCIATES, was killed in an automobile accident.....

No one is indispensable, but if you use the Gilfer "Confidential Frequency List" or "Guide to RTTY Frequencies", then you know that Perry's influence, within this hobby, was both profound, as well as incalculable..... Perry will be sorely missed and not easily replaced.

Jean Ferrell (who is recovering from her injuries) is in the process of having Perry's latest book completed. 90% of the updated/revised and combined CFL/GRF was already finished, and with the assistance of several utes, Perry's reference book will reach the light of day. In its own way, it will be a fitting tribute, to this man and his unique commitment to the world of utility monitoring.....

SILENT KEY.....

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

AK.: 8628.5 C 0700 NOJ- CG Kodiak - tfc list (RM-IL)  
10048 U 0533 Anchorage Aero wkg Japan Air 6 (JCH-MD)  
11176 U 0501 AKX5- Elmendorf AFB wkg MAC 60206 (JCH-MD)  
BER.: 12710 C 0023 VPT- Hamilton MARCO - V/QSX mkr (JB-PA)  
CAN.: 2182 U 0358 VCS- Halifax CCR, wkg CANGC 141 (JFH-MA)  
2598 U 0412 VCN- Grindstone CCR, wx b/c (JFH-MA)  
4255 C 0450 CFH- CANMIL Halifax wkg unitd CAN warship (JFH-MA)  
8440 C 2355 VCS- Halifax CCR, V/QSX mkr (JB-PA)  
8698 C 0138 CFH- CANMIL Halifax - Ice report (JB-PA)  
19051 U 2325 Gander VOLMET (DB-AR)  
12125 C 2000 CKN- CANMIL Vancouver - V mkr (DB-AR)  
MEX.: 8563 C var, XFE- Ensenada MARCO- CO mkr (JEB-CA) (LVH-TX)  
16929 C var, XFE- Ensenada MARCO- CO mkr (RM-IL) (LVH-TX)  
USA.: 2348.5 U 0330 WU7709 USACE- wkg unit 3100 - incomplete call sign  
ØTH not able to establish (ECS-WA)  
3380 C 0530 WGV908- FEMA Denver CO - coded msg (RM-IL)

## \*\*\*\* RADIOELECTRYE \*\*\*\*

0055.3 0735 75/-----  
2696.8 1630 TOR DCF55- Frankfurt FRG - GG/NX (JK-FRG)  
3222.5 1948 SITOR GLD- Lards End MARCO ENG - ??? (RMA-FRAN)  
3253.0 0348 LZF5- Sofia Metro BUL - WX (RM-IL)  
3260.0 0334 50/850n RFPN- Monsanto NAVRAD FORT - RY/POXs (RM-IL)  
3607.5 1730 TOR GNF- North Foreland ENG - ??? (RMA-FRAN)  
4001.8 1959 50/425r YRR4- Bucharest Metro ROMA - RYS (FUG-SOAF)  
4352.0 0530 FEGTOR WLO- Mobile MARCO USA - tfc list/WX (RMA-IA)  
4583.0 ----- DDK2- Hamburg Metro FRG - CO/QSX mkr (RMA-FRAN)  
4837.7 1920 TOR DHA33- INTERPOL Wesbaden FRG- to Paris (RMA-FR)  
4837.7 1715 TOR PDB2- INTERPOL Utrecht HOLL- msgs (RMA-FRAN)  
4891.3 1045 TOR Aukkerre Police FRAN - ??? (RMA-FRAN)  
5210.3 1900 TOR RIFAG Palemo ITALY - msgs (RMA-FRAN)  
5266.0 2198 50/425n YAV- Kabul Air AFGN - c1g EPD Tehran (AM-UK)  
5300a 0530 75/850r EBA- Madrid NAVRAD SPAN - c1g IDR (RMA-IA)  
5911.5 1027 ----- EHL- Civil Guard Leon SPAN - msg (JK-FRG)  
6268a 0301 50/170n EWZF- MB2418 - RYS to Mukmansak (RMA-IA)  
6737.7 2100 50/425r ETD3- Agdis Ababa Air ETHO - RYS (RMA-FRAN)  
6984.0 0040 50/425r CTC26B- AP London ENG - ER/NX (JCH-MD)  
7441a 0416 75/425n 33AME- Madrid NAVRAD SPAN- c1g 342SN (RMA-IA)  
7519.8 1545 50/425n BZPF57- XINHUA Beijing PRC - RYS (FUG-SOAF)  
7803.3 1658 50/425n SYK- Khartoum Air SUDN - RYS (FUG-SOAF)  
7912.8 0440 50/425r FILLS- unknown - RY/POXs (FUG-SOAF)  
8110.0 1715 50/850n IFR22- Finance Guard Rome ITALY - ??? (RMA-FRAN)  
8170.0 2343 50/425n BAC25- PTP Beijing PRC - ORA mkr (AM-UK)  
8176.8 1755 50/425n BAC38- PTP Beijing PRC - ORA/RYS (FUG-SOAF)  
8298.0 0120 50/170n UPU1- PROFESSOR VIZE - tfc to Leningrad (JEB-CA)  
8301.6 1720 SITOR EGYPTIAN EMB Bucharest ROWA- to Cairo (JK-FRG)  
8458.0 0610 75/860r 33RMB- Madrid NAVRAD SPAN- tfc to RETO (RM-IL)  
ØR08.6 1600 FEC St Lys MARCO FRAN - tfc list (RMA-FRAN)  
8714.0 1715 FEC ZSD- Durban MARCO SOAF - WX (RMA-FRAN)  
Ø715.0 2300 AØQ WCC- Chatham MARCO USA - AP NX (RM-IL)  
9041.0 1730 50/425n ØYE- Nairobi Metro KEN - RYS (FUG-SOAF)  
9043.0 1208 FEC SOJ204B- PAP Warsaw POL - POL/NX (JK-FRG)

USA.:

4275 C 0308 KRS- San Francisco MARCO - CQ mkr (RG-KS)  
 4331.1 C 0311 KCB- Chatham MARCO - V/DXK mkr (RG-KS)  
 9349.0 C 0315 WSL- Amagansett MARCO - CQ mkr (RG-KS)  
 5692 U var. NKK- CG Cape May NJ wkg CGC Cape Starr (FJB-NJ)  
 5696 U var. NNN- CG Portsmouth wkg CG 1433 & 1501 (RM-IL)  
 5698 U var. NNN- CG Portsmouth wkg CG 1504/CGC Point Huron (FJB)  
 6327 C 0416 WNU32- Slidell MARCO - CQ mkr (FJB-NJ)  
 6410.5 C 0336 KLB- Seattle MARCO - CQ mkr (RG-KS)  
 6521.9 U 1332 MCB- QTH unkn wkg Terminal Warrior (RM-IL)  
 6521.9 U 1305 KLS- Houston wkg Campeche Seal/Coral Seal (NAP-AL)  
 6521.9 U 1330 KCV- Natchez MS wkg Belle Andrews (NAP-AL)  
 6521.9 U 1445 WHM- St. Louis wkg Jean Goddard (NAP-AL)  
 6521.9 U 1450 KRZ- St. Louis wkg Eagle (NAP-AL)  
 6521.9 U 1410 WSC- Corpus Christi wkg Western Sound (NAP-AL)  
 6521.9 U 1450 WIX- Lakin WV wkg James D. Wright (NAP-AL)  
 6679 U 0405 San Francisco VOLMET (DO-CA)  
 6870 L 0605 KDM56- FAA Hampton GA wkg DAL46 (RM-IL)  
 7505 C 0537 NAM- USN Norfolk VA - WX b/c (RM-IL)  
 8294.2 U 0225 WFA7896 (unid) wkg RAM 2,3,7 (WJS-ONT)  
 8444 C 0250 KRS- San Francisco MARCO - V mkr (JB-PA)  
 8712 C 0109 WCC- Mobile MARCO - DE mkr (LVH-TX)  
 8713 C 0107 WCC- Chatham MARCO - DE mkr (LVH-TX)  
 8716 C 0315 WLO- Mobile MARCO - CQ mkr (LM-PA)  
 8765.4 U 0645 NNG- CG New Orleans wkg WYS4261 Geronimo (RM-IL)  
 8765.4 U 0615 NNA- CG Miami wkg WTER NOAA Researcher (RM-IL)  
 8765.4 U 1739 NNN- CG Portsmouth wkg KCSE Walter Rice (ECS-MA)  
 10051 U 0607 New York VOLMET (DO-CA)  
 10493 U 1602 WGY903- FEMA Olney MD - roll call r/c (RM-IL)  
 12135 C 1640 NAM- USN Norfolk VA - Hydroplant summary (RM-IL)  
 12953 C 1926 WMH- Baltimore MARCO - V mkr (RG-KS)  
 13038 C 1930 KLC- Galveston MARCO - CQ mkr (RG-KS)  
 13103.9 U 0102 KMI- San Francisco MARCO - tfc list (RM-IL)  
 13131.8 U 0100 WOO- Ocean Gate MARCO - tfc list (RM-IL)  
 13135 U 0005 WLO- Mobile MARCO - tfc with ??? (WJS-ONT)  
 13630 U 2006 KDM50- FAA Hampton GA wkg Rockwell Flight Test (RM)  
 15015 U 0100 AFA3- Andrews AFB wkg SAM 24126 (JCH-MD)  
 17026 C 1648 KFS- San Francisco MARCO - CQ mkr (JAK-WV)  
 17409 U 2322 WWD- La Jolla/Scraps CA wkg (NORA) WTDK (DB-AR)  
 18607.5 S 1955 VOA Greenville feeder (PAC-UK)  
 \*\*\* CENTRAL AMERICA \*\*\*  
 BELZ: 11204 U 1912 (RAF) Belize Flight Watch wkg Ascot 2808 (JCH-MD)  
 COST: 8478 C 0210 TIM- Limon MARCO - DE/DXK mkr (RJC-WA)  
 13100 C var. TTM- Limon MARCO - CQ mkr (RDG-AUST) (DB-AR)

9069.9 0728 50/425R 6VU- Dakar Air SENE - RYS (FJG-SOAF)  
 9070.0 0553 50/425R GFA- London NAVRAD ENG - WX b/c (HMA-IA)  
 9349.0 2330 50/425R GIC29B- AP London ENG - EE/NX (JCH-MD)  
 9395.2 1230 45/425R HKK21- KCNA Pyongyang NOKO- KO/NX (FJB-FL)  
 9420.0 1315 50/425R XVBS9- PTP Hanoi - VIET - RYS (FJB-FL)  
 9828.3 1128 50/500N HMB24- Phnom Penh KAMP - RYS (FJB-FL)  
 9950.7 1155 50/1000R GPX5- unknown - possible NX b/c (FJB-FL)  
 10114.0 2335 50/425N CLN281- PTP Havana CUBA- RY/FOMS (JEB-CA)  
 10162.4 1745 50/425N YIL79- INA Baghdad IRAQ- AA/NX (RMA-FRAN)  
 10215.1 0015 75/375N HZN49- Jeddah Metro SAUD - WX (FJB-FL)  
 10295.0 1743 80Q wanted assassin (RM-IL)  
 10295.0 1716 80Q CSJ25- INTERPOL Lisbon PORT- PP msg on cannabis smugglers (RM-IL)  
 10295.2 1515 FEC JUV81- INTERPOL Rome ITALY - Ottawa (RMA-FR)  
 10300.0 1730 50/475R NZAP Kinshasa ZIRE - FF/NX (RMA-FR)  
 10407.3 1950 50/425R 6VU- Dakar Metro SENE - RYS (FJG-SOAF)  
 10460.0 0210 75/425R 4U219- UN Geneva SWIS- RYS/coded t/c (RMA-IA)  
 10479.7 1205 50/425R ECX22- PTP Shanghai PRC - clg OLD (FJB-FL)  
 10551.5 0130 M0LCRST AJE- Wolvley/Croughton ENG - breakdown was:  
 10532.2 - 50/085N - AF/NX  
 10532.8 - 75/085N - WX  
 10534.0 - 45/085N - UFI/NX  
 10538.0 - LSB voice unkn (DLW-CT)  
 10570.2 1215 50/170R RUTK- Tashkent Metro USSR - WX (FJB-FL)  
 10592.2 1124 50/425R ATL61- PTP Calcutta INDI - RYS (FJB-FL)  
 10595.1 1230 75/425R RKD48- APN Moscow USSR - EE/NX (FJB-FL)  
 10600.1 1300 50/425R BAC27- PTP Beijing PRC - RYS to OLD (FJB-FL)  
 10677.5 1115 45/300F VTR28- Port Blair NAVRAD INDI - RYS to VTP (FJB)  
 10710.0 0013 50/850R NAU- USN San Juan PR - wkg ZRH (RMA-IA)  
 10730.5 0950 50/850N 7RQ24- MFA Algiers ALGE - to Tunis (AM-UK)  
 10730.7 1210 50/425R ZEN49- AFP Hong Kong - EE/NX (FJB-FL)  
 10818.3 2150 50/850N YKQ24- Damascus Metro SYRA- WX (FJB-FL)  
 10819.8 1432 50/475R BAL21- PTP Beijing PRC - RYS (FJG-SOAF)  
 10958.7 var. 50/425R GFE30B- Reuters London- RYS (FJG-SOAF) (RMA-FR)  
 10982.4 1056 50/900R BAP49- XINHUA Beijing PRC - RYS (FJB-FL)  
 11430.0 2130 50/475R HMN31- KCNA Pyongyang NOKO - FF/NX (RM-IL)  
 11434.4 1125 50/325N VNV139- AAP Sydney AUST- EE/NX to ANVA (FJB-FL)  
 11531.5 2305 75/425N MFA Sofia BUL - scrambled msg to Havana (AM-UK)  
 11538.6 1500 TOR IUV81- INTERPOL Rome ITALY- mgs (RMA-FRAN)  
 11638.0 0642 50/425R DDF8- Frankfurt Metro FRO- 5#M (JEB-CA)  
 12186.0 1905 50/425R JANA Tripoli LYBA - EE/NX (DRH-PA)  
 12494.0 0005 50/170N USOT- PEODOSIYA - t/c to UPB (JEB-CA)  
 12499.0 0620 50/170N UJMN- RIZHSKOE VZMORE- t/c to Kholmek (JEB-CA)

# Tips and Topics

THE FEATURE SECTION OF SPEEDX

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

## TECHNICAL ROUNDUP

EQUIPMENT, ANTENNAS, RECEIVERS,  
ACCESSORIES, AND NEW IDEAS

ICOM'S IC-R70 RECEIVER: A PRODUCT REVIEW

by Bob Palmer, WA

The most capable general-coverage short-wave receiver on the market today for under \$1100 is ICOM's IC-R70. Value-wise the R70 is unbeatable at under \$700. Other

reviewers who have extensive experience with more expensive and exotic receivers are saying it is only slightly outdone by the Drake R-7A and about equal to the NRD-515. If you are in the market for a higher class receiver, check suppliers' list prices on "Nerds" and Drakes first, then see your ICOM dealer and check out the R70 and its price. I got mine for \$649 here in Spokane but I did have to pay an added \$40.20 in sales tax.

I had been using a Kenwood R-1000, and after buying the R70 I was able to make back-to-back comparisons. It was no contest at all. The R70 won in every category, but the most impressive thing was the R70's ability to make audible and enjoyable, signals that on the Kenwood were almost destroyed. To illustrate, imagine that you want to tune a signal which is running S-2 to S-3 while 5 kHz away is another signal running 'way over S-9 and covering one sideband of your signal with "slopover". Further imagine that on the other side of your signal there's an annoying "het". The R70 will not only wipe out all the "slop", it will eliminate the heterodyne interference, and if that's not enough, the audio quality will be almost as good as though the signal had been completely in the clear!

In the sensitivity department, I've never seen anything like it. I'm not talking about meter-busting gain made up mostly of noise, but usable sensitivity. The shielding and internal noise suppression on the R70 are absolutely superior. It is quiet as a mouse. Signals that don't raise the meter needle at all are quite easily readable. I know what you are thinking—that no S-meter is to be trusted; but the dealer adjusted it at the shop to roughly parallel his ICOM 740 transceiver, which was known to have quite an accurate meter. On the other hand, many signals require attenuation. This usable sensitivity is very helpful on indoor antennas; this, from personal experience. I get very satisfactory reception on less than 10m of wire inside my house. One has to attenuate most of the time on MW stations, but even if you forget to switch in the 20db attenuator, the fantastic dynamic range of the radio subdues any tendency to overload.

The abundance of usable sensitivity is further complemented by the stability of the R70. I don't intend to get into manufacturer's promo statements in this review. (See full page ad, p. 5., 1983 WRTVH) Suffice to say, one night I tuned in R. Netherlands - Bonaire on 6165 kHz, pushed the button for lower sideband, pushed another button to set the tuning rate at 1 kHz per complete revolution of the tuning dial, easily got the BFO on the exact center of RN's carrier, and went off to do other things for an hour. On returning to the set I found almost no audible drift—perhaps as much as 10 Hz. With this receiver you can tune and enjoy a SSB signal, plus, if things get really crowded, you can tune an AM station in ECSS mode and sit back and enjoy it without any "touchup" tuning after a few minutes. There is also an RIT (fine-tune) control separate from the main tuning setup which one can switch in or out, that allows a deviation of plus-or-minus 800 Hz from the tuned frequency—without changing the digital frequency readout.

The R70 is fully synthesized and uses a triple phase-locked loop. The logic unit is microcomputer controlled. There is a pushbutton choice of three tuning rates: 10, 100, or 1000 Hz per increment. This gives a great deal of flexibility in tuning: one revolution of the main tuning dial can change frequency by 1 kHz, 10 kHz, or 100 kHz depending on which button you push. The slowest rate is just right for fine tuning SSB signals, the moderate rate works fine for slow band-scans, and the fast rate gets you from one end of a tuning range to another very quickly. There is also an electronic "lock" which holds exact frequency if that button is pushed. This prevents detuning if the main tuning dial is bumped or rotated accidentally.



PANA: 6468,0 C ---- HPN60-Canal MARCO - CQ mkr (RG-KS)  
 11176 U 0500 AHP3- Albrook AB wkg Airevac 205 (JCH-MD)  
 13977 U 0205 AGM90- USAF WARS Howard AB- t/c (LVH-TX)  
 17128,5 C 0035 HPN60 - Canal MARCO - CQ mkr (GLT-NM)  
 22412 C 2140 HPN60 - Canal MARCO - CQ/2SX mkr (MSH-NC)  
 \*\*\*\*\* CARIBBEAN \*\*\*\*\*  
 CUBA: 6337,0 C 0331 CLA - Havana MARCO - CQ mkr (RG-KS)  
 7660 C 0150 CLN78- PMP Havana- ORZ to UJY2 (RM-IL)  
 11906 C 2115 CLP- MINREX Havana- t/c EMBACUBA Guyana (RM-IL)  
 12748 C 1223 CLQ- Havana MARCO - CQ mkr (JB-PA)  
 21880a C 1420 CLP1- MINREX Havana- callup to CLP7 (PAC-UK)  
 MART: 8478 C 0215 FUF- FF NAVFRAD Ft.de France - V mkr (RJC-MA)  
 10204 C 2004 FUF- FF NAVFRAD Ft.de France - V mkr (BC-MD)  
 NETA: 4334,5 C 0314 PJC- Curacao MARCO - CQ mkr (RG-KS)  
 8694 C 0020 PJC- Curacao MARCO - CQ mkr (RJC-YA)  
 13042,5 C 0110 PJC- Curacao MARCO - CQ mkr (RDG-AUST)  
 P.R.: 8471 C 1150 NMR- CG San Juan - V mkr (GLT-NM)  
 12700 C 2315 NMR- CG San Juan - MC mkr (JB-PA)  
 17357 U 2156 WNO- Calpak Comms, Mayaguez - test counts (DB-AR)  
 \*\*\*\*\* SOUTH AMERICA \*\*\*\*\*  
 ARGN: 12988 C 2320 LPD88- General Pacheco MARCO - V mkr (DE-AR)  
 22419 C 1506 LPD91- General Pacheco MARCO - V mkr (PAC-UK)  
 BRZL: 8855 U 0446 Belen Aero wkg Cargo 51 Heavy (JCH-MD)  
 16918 C 2325 PJJ- Juncaco MARCO - V mkr (DB-AR)  
 17161,9 C 0105 PPO- Ollinda MARCO - V mkr (GLT-NM)  
 17170,5 C 0040 PPI- Belen MARCO - V mkr (GLT-NM)  
 COLO: 13087,2 C 1133 HK3- Barranquilla MARCO - CQ mkr (RDG-AUST)  
 SURJ: 8855 U 0537 Paramaribo Aero wkg Varig 717 (JCH-MD)  
 URGY: 16671,3 C 0050 CWA- Cerretto MARCO - CQ mkr (GLT-NM)  
 VENE: 6100 A 0436 VFTO- SFTS Caracas (JFH-MA)  
 8924 U 0015 Caracas LDOC wkg Flight 2584 (CC-DE)  
 \*\*\*\*\* EUROPE \*\*\*\*\*  
 BUL.: 8532 C 0419 LZM- Varna MARCO - DE mkr (GLB-FL)  
 12940 C 0515 LZW5- Varna MARCO - DE mkr (RDG-AUST)  
 CYPR: 13971 U 2049 VXM9- CPARS Nicosia wkg VAV9 (CC-DE)  
 DEN.: 8148 C var. OVG- Frederikshaven NAVRAD- V mkr (RM-IL) (JEB-CA)  
 12329 C 1918 OVG- Frederikshaven NAVRAD- V mkr (RG-KS)  
 25262 C 1920 OX2- Lyngby MARCO - CQ mkr (LVH-TX)  
 ENG.: 4310 C 0208 MTI- Royal Navy Plymouth - V mkr (FWB-NJ)  
 5000 A 0310 MFI- SFTS Teddington (ECS-MA)  
 8545,9 C 0732 GKA- Portlisshead MARCO - Navarea b/c (RM-IL)  
 12789 C 0019 GKD- Portlisshead MARCO - DE mkr (JB-PA)  
 12835,9 C var. GK36- Portlisshead MARCO - DE mkr (RG-KS) (DB-AR)

12500,5 0200 50/170n LYEN- RTWS 7571 - RYs (JEB-CA)  
 12501,0 0020 50/170n USNA- ZHEMCHUG - t/c to ??? (JEB-CA)  
 12501,0 0040 50/170n UVDS- LUTSK - t/c to Simferopol (JEB-CA)  
 12505,5 0605 50/170n UTPC- E, NIKISHIN - RYs (JEB-CA)  
 12507,0 0145 75/170n USND- Leningradskaya - to Leningrad (JEB-CA)  
 12515,0 0155 UWZJ- SEDA(RTMS 7245) - t/c to URB2 (JEB-CA)  
 12515,5 0130 50/170n UWPW- BAIKOVSK - t/c to Petropavlovsk (JEB-CA)  
 12515,5 0315 50/170n UWMN- KAIKINEIZ - t/c to Odessa (JEB-CA)  
 12515,5 2345 50/170n UNDE- NEFTEGORSK - t/c to Mumansk (JEB-CA)  
 12520,0 0145 50/170n UINH- TAMBOV - t/c to URB2 (JEB-CA)  
 12520,0 0130 50/170n UGRP- NORDVIK - t/c to UFB (JEB-CA)  
 12522,5 0255 50/170n EWCT- AB 0121 - RYs to URB2 (JEB-CA)  
 12525,0 0230 50/170n UNAJ- SHADUROVO - t/c to UOK (JEB-CA)  
 13082,6 1700 TOR Athens MARCO GREE wkg SU9F CEPHEUS (RMA-FRAN)  
 13085,5 1000 Klapeda MARCO USSR - RYs (RMA-FRAN)  
 13090,0 0007 ARQ/170 WC- Chatham MARCO USA - wkg ELB3 (RMA-IA)  
 13200,3 0000 50/425n CA17E- Pascua Air EAST - r/c Santiago (AM-UK)  
 13403,0 2157 50/850r AVX278- Baunoo de la Nacion Buenos Aires ARGN  
 msgs to San Pedro (AM-UK)  
 13463,5 1526 50/500n VNA7- VNA Hanoi VIET - EE/NX (RM-IL)  
 13510,0 1443 75/170n CFH- CANMIL Halifax CAN - WX (DRH-PA)  
 13563,0 1420 50/850r 3MA22- CMA Taipei TIWN- EE/NX (RM-IL)  
 13729,5 1710 50/425r FPN72/H3- AFF Paris FRAN- EE/NX (FJG-SOAF)  
 13730,2 2245 50/850r RELIG- FF MIL Cayenne FFGU- to MART (AM-UK)  
 13751,9 0552 50/425r HZJ- Jeddah Air SAUD - YRS (FJG-SOAF)  
 13765,0 0640 50/425r JAX78- PTP Tokyo JPAN - RYs (JEB-CA)  
 13793,0 0008 50/750r ZVK- Rio de Janeiro Air BRZL- RYs (JEB-CA)  
 13803,0 1303 50/1000r RCR78- Khabarovsk Metro USSR- WX (RM-IL)  
 13894,8 0350 50/425r Y2V47- ADN Berlin GDR - EE/NX (FJG-SOAF)  
 13974,0 2058 50/425r ISX19- ANSA Rome ITALY - RYs (FJG-SOAF)  
 14462,3 0715 50/425n YK61- GDR EMB Ulm Bator MONG- to Berlin (AM-UK)  
 14600,0 2234 50/850n CAG- Santiago Air CHIL - WX to Pasuca (AM-UK)  
 14618,0 2234 50/425r UN- unidentified sta - 5 Ltr t/c (RM-IL)  
 14618,9 0542 50/425n Y7A59- MFA Berlin GDR - GRA/RYS (FJG-SOAF)  
 14639,5 0945 50/425r KPL- KPL Valentiane LAOS - EE/NX (AM-UK)  
 14647,6 1555 75/425r KNY23- CZEK EMB Wash DC - t/c to Prague (AM-UK)  
 14784,8 1450 50/425r ATP65- INFOIND New Delhi INDI- RYs (FJG-SOAF)  
 14828,6 1918 ----- MSS- British Army Belize - RYs (JK-FRG)  
 14865,3 0900 MRX- RAAF Butterworth MLAY- FOXs (AM-UK)  
 15690,0 2100 50/475r MKD- RAF Akrotiri CYPR - FOXs (PAC-UK)  
 15830,0 0702 50/425r RUZU- Molodetzhnaya Base ANTA- testing (AM-UK)  
 15929,7 1555 RBI78- TASS Moscow USSR - RYs (FJG-SOAF)  
 15950,0 0304 75/425n CLP1- MINREX Havana CUBA- msg to CLP2 (DRR-TX)  
 15963,1 2047 50/425n YBU- unidentified sta - coded msgs (RM-IL)

ENG.: 13245 HQP-RAF Upavon with coded WX (CC-DE)  
 5308.5 S 0651 FAC20-FF Army Metz- tfc to FAC23 (JK-FRG)  
 5868 C 0458 FDY-FFAF Orleans - V mkr (FWB-NJ)  
 8522.5 C var. FEL4- St. Lys MARCO - CQ mkr (GUT-NN)(FWB-NJ)  
 GDR.: 13375 U 1357 DM Berlin - EE/OM/VM (JDM-MN)  
 FRG.: 5691 U 2325 DM91-L GCAF 0TH unkn wkg Tango Alfa Charlie 96(JCH)  
 8511.9 C 0120 DAL- Norddeich MARCO - V mkr (GUT-NN)  
 11039 C 2113 DMH37- Flinneeberg Metro - GG/WX (RM-IL)  
 17279.4 U 1745 DAJ- Norddeich MARCO - tfc list EE/OG (JCH-MD)  
 GIB.: 8625 C 0159 GYU- Royal Navy Gibraltar wkg GWGW (FWB-NJ)  
 12825 C 0043 GYU- Royal Navy Gibraltar - DE mkr (GLB-FL)  
 GREN.: 8537 C 0230 SVF- Athens MARCO - DE mkr (RJC-MA)  
 16981 C 1651 SVG- Athens MARCO - DE mkr (JAK-WV)  
 17194 C 2010 SVB- Athens MARCO - DE mkr (DB-AR)  
 ICE.: 13069.3 C 0750 TPA13- Reykjavik MARCO - CQ into tfc (RDG-AUST)  
 ITLY: 17302.1 C 0407 IDR3- Rome NAVRAD - V mkr (RM-IL)  
 17182 C 1435 ICB- Genoa MARCO - V mkr (LVH-TX)  
 MONA: 22550 C 1516 3AC- Monaco MARCO - CQ mkr (GLB-FL)  
 NOR.: 12962 C var. LGM- Rogaland MARCO - CQ/MC mkr (FWB-NJ)(GLB-FL)  
 16928 C 1656 LGW- Rogaland MARCO - freq list (JAK-WV)  
 POL.: 13616 C 1800 SON261- PAP Warsaw - Polish WX to ships (M-IL)  
 PORT: 3781 C 0315 CTP- Oeliras NAVRAD - OX mkr (FWB-NJ)  
 8469 C 0148 CUL7/8- Lisbon MARCO - CQ mkr (FWB-NJ)  
 8490 C var. CUL7/8- Lisbon MARCO - CQ/OX mkr (RJC-MA)(FWB-NJ)  
 8551.5 C 0633 CTP- Oeliras NAVRAD - NAMS mkr (RM-IL)  
 4225 C 0320 33AME- Madrid NAVRAD - callup to 370MA (FWB-NJ)  
 6340 C 0335 33AME- Madrid NAVRAD - callup to 370MA (FWB-NJ)  
 8442 C 0025 33AME- Madrid NAVRAD - callup to 370MA (FWB-NJ)  
 8693 C 0130 SAG- Goteborg MARCO - tfc list (GLB-FL)  
 SWED: 13576 U 0534 Stockholm LDOC wkg Lufthansa 259 (JCH-MD)  
 17079.4 C 2005 SAG- Goteborg MARCO - CQ mkr (LVH-TX)  
 SWIS: 13205 U 2027 Berne LDOC wkg Swiss Air 292 (JCH-MD)  
 TURK: 8611.5 C 0240 TAH- Istanbul MARCO - CQ mkr (LVH-TX)  
 11176 U 0442 AJG9- Incirlik AB wkg MAC 50221 (JCH-MD)  
 11384 U 0557 Istanbul VOLMET (JCH-MD)  
 USSR: 16849 C 2047 TAH- Istanbul MARCO - ID mkr (DB-AR)  
 8687.6 C 0135 URD- Leningrad MARCO - DE mkr (LVH-TX)  
 10090 U 0915 Khabarovsk VOLMET - EE/YL (BFS-VA)  
 12697 C 0710 UBN- Jdanov MARCO - CQ mkr (PAC-UK)  
 13070 C 0450 UDH- Riga MARCO - CQ mkr (JCH-MD)  
 17134 C 1600 UNM2- Klaipeda MARCO - CQ mkr into tfc (LVH-TX)  
 17228 C 1536 UAT- Moscow MARCO - DE mkr (LVH-TX)  
 22405 C 0100 UKA- Vladivostok MARCO - CQ mkr (GLB-FL)

16020.0 0740 75/425r TASS Moscow USSR - AA/NX (RMA-FRAN)  
 16060.0 0730 75/425r TASS Moscow USSR - RR/NX (RMA-FRAN)  
 16135.0 0930 75/425r TASS Moscow USSR - FF/NX (RMA-FRAN)  
 16145.0 0930 75/425r TASS Moscow USSR - EE/NX (RMA-FRAN)  
 16270.8 0710 75/850n OMZ- MFA Prague CZEK - to Ulan Bator (AM-UK)  
 16425.0 0905 50/425n CLP23- EMBACUBA Lagos NIGR- relay tfc (DRR-PX)  
 16458.0 2206 50/425r YBU- unld sta sending coded tfc (RM-IL)  
 16662.4 1640 TOR EOTW- unld Soviet ship - RYS (JAK-WV)  
 16668.0 1535 TOR FNPG- Med Centre Toulouse FRAN-?? (RMA-FRAN)  
 50/170r HEB- Berne MARCO SWIS wkg HOU (RMA-FRAN)  
 50/170r Kalliningrad MARCO USSR - ?? (RMA-FRAN)  
 50/170r Schevlingen MARCO HOLL- wkg PGDK (RMA-FRAN)  
 50/170n UPTT- SEVERODNETSK- to Vladivostok (JEB-CA)  
 50/170r UTMN- FRITZ HEKKERT - clg UJY (JAK-WV)  
 50/170r Leningrad MARCO USSR - ?? (RMA-FRAN)  
 50/170n EUBO- GRIGORII KOVTUN - tfc to URL (JEB-CA)  
 50/170n UNRN- VELIKIE LOUKI - RYS to URD (RMA-IA)  
 50/425r BZP58- XINHUA Beijing PRC - RYS (RMA-FRAN)  
 50/425r Rogaland MARCO NOR - wkg CENTRARMARES  
 VALENCIA (RMA-FRAN)  
 17225.6 1140 TOR Goteborg MARCO SWED - relay tfc (RMA-FRAN)  
 17453.0 2235 50/425n CLN565- PTP Havana CUBA - RY/POKS (JEB-CA)  
 50/850r RELIA- FF MIL Ft.de France MART- wkg REFBEA  
 Comengdom France (RMA-FRAN)  
 50/850n HSW61- Bangkok Metro THAI - WX (AM-UK)  
 50/425r CLN577- PTP Havana CUBA - RYS (JAK-WV)  
 50/425n JAP28- KYODO Tokyo JPN - ORA/RYS (JUG-SOAF)  
 50/425n VNA32- VNA Hanoi VIET- FF/NX (JUG-SOAF)  
 50/425r GPE34B- Reuters London ENG- EE/NX (JEB-CA)  
 50/425n SOT265- PAP Warsaw POL - RYS (JUG-SOAF)  
 50/850n TELAM Buenos Aires ARGN - SS/NX (AM-UK)  
 50/425n MFA Jakarta INDO - msgs to Penang (AM-UK)  
 50/425n BFA Sofia BUL - EE/NX (FBH-FL)  
 50/425r RWN72- PL Moscow USSR - RY/POKS (JUG-SOAF)  
 50/425n SOT265/SOP250- PAP Warsaw POL- RYS (JUG-SOAF)  
 50/425r CLP1- MINREX Havana CUBA- clg CLP23 (DRR-TX)  
 50/425r FTS67/HL- AFP Paris FRAN- RYS (JUG-SOAF)  
 50/425n ISX87- IINA Rome ITLY - EE/NX (RM-IL)  
 75/425n WBR70- M.Lami Metro USA - WX (PAC-UK)  
 50/425r SUNA Khartoum SUDDN-EE/NX(PAC-UK)(RMA-FRAN)  
 75/425r SAM71- SWED EMB Dar-es-Salaam TANZ-to SAM(AM)  
 50/425n BZR68- XINHUA Beijing PRC - EE/NX (JUG-SOAF)  
 50/425n FTS81- PTP Paris FRAN- tfc to Hanoi (JUG-SOAF)  
 50/425r 18993.8 0925 ASE63- PAKI EMB Paris FRAN- to ASP (AM-UK)

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

ALGE: 8438.0 C 0635 7TA6- Algiers MARCO - CQ mkr (GLB-FL)  
 8894 U 0052 Algiers Aero wkg Swiss Air 265 (JCH-MD)  
 ANGO: 8565 C 2336 D3E1- Luanda MARCO - DE/MC mkr (RDG-AUST)  
 8692 C 0155 D3E1- Luanda MARCO - CQ mkr (GLT-NM)  
 BRAN: 2231.5 C 1457 A9M- Bahrain MARCO - DE mkr (PAC-UK)  
 CNEY: 8861 U 2353 Canaris Aero wkg Lima Tango 633 (CC-DE)  
 8468 C 0140 DA4- Sao Vicente MARCO - CQ mkr (GLB-FL)  
 COMP: 8861 U 0356 Sal Aero wkg Clipper 181 (JCH-MD)  
 CAGE: 8903 C 0347 Brazzaville Aero wkg Sabena 161 (JWE-TN)  
 DJIB: 13043 C 0145 FUV- FE NAVRAD Djibouti - V mkr (MSH-NC)  
 EGYT: 11300 U 0111 Cairo Aero wkg Nairobi Aero (JDB-MN)  
 11300 U 0205 Cairo Aero wkg Alitalia 815 (JWE-TN)  
 ETHO: 11300 U 0418 Addis Ababa Aero wkg KLM 593 (JWE-TN)  
 ISRL: 4241 C 0158 4XZ- Haifa NAVRAD - V mkr (FWB-NJ)  
 21880 U 1199 Ben Gurion Aero wkg Roberts Aero (PAC-UK)  
 IVRY: 13060.5 C 1704 TUA5- Abidjan MARCO - CQ mkr (PAC-UK)  
 KEN: 11300 U 0347 Nairobi Aero wkg Khartoum Aero (JWE-TN)  
 LIBE: 23426 C 0025 KKN44- USEMB Monrovia - callup to KRZ62 (LVH-TX)  
 MADE: 8461 C var. CUB- Funchal MARCO - CQ mkr (FWE-NJ) (RJC-MA)  
 MURI: 8861 U 0103 Nouakchott Aero wkg ??? (CC-DE)  
 MAUR: 12989 C 0427 3M3/5- Sigara MARCO - CQ mkr (GLB-FL)  
 NICE: 8894 U 0616 Niamey Aero wkg Air Portugal 225 (JCH-MD)  
 8903 U 0346 Niamey Aero wkg Sabena 161 (JWE-TN)  
 NIGR: 8903 U 0227 Lagos Aero wkg Nigerian 805 (LVH-TX)  
 8903 U 0228 Kano Aero wkg Nigerian 805 (LVH-TX)  
 REUN: 13215.5 C 2305 FUX- FE NAVRAD - V mkr (DB-AR)  
 SAUD: 8927 U 0414 Jeddah LDOC wkg Saudi 087 (JCH-MD)  
 8927 U 0017 Jeddah LDOC wkg Saudi 142 (CC-DE)  
 11300 U 0345 Jeddah Aero wkg Khartoum Aero (JWE-TN)  
 2238.2 C 1020 HZC- Damman MARCO - DE mkr (RDG-AUST)  
 SENE: 13410.1 C 1934 6MW- Dakar NAVRAD - V mkr (RG-ES)  
 16951.5 C var. 6MW- Dakar NAVRAD - V mkr (GLT-NM) (GLB-FL)  
 SOAP: 4317 C 0210 ZSC- Capetown MARCO - CQ mkr (FWB-NU)  
 8566 C 0130 ZSJ4- Cape NAVRAD Silvermine - CQ mkr (GLT-NM)  
 5658 U 0040 Khartoum Aero wkg KLM 526 (TCH-MD)  
 SUBN: 11300 U 0342 Khartoum Aero wkg Nairobi Aero (JWE-TN)  
 Y.DR: 11300 U 0148 Aden Aero wkg Addis Ababa Aero (JWE-TN)  
 PRC: 17103 C 0620 XSG3- Shanghai MARCO - port arrival info(RDG-AUST)  
 HONG: 8942 U 1113 Hong Kong Aero wkg Korean 635 (JCH-MD)  
 INDI: 12745 A 1229 WVC- SFTS Calcutta (DRU-HI)  
 INDO: 8686 C 1215 PKF- Makassar MARCO - CQ mkr (GLT-NM)  
 JFAN: 7515 C 0815 JMB2- Tokyo Metro - 5#M b/c (JEB-CA)  
 19051.0 0700 8WD4- MFA Delhi INDI - RYS (AM-UK)  
 75/850h OBC- Callao NAVRAD PERU- msg (AM-UK)  
 19058.0 2038 50/425n CLF1- MINREX Havana CUBA- t/c to CLP55 (DRR-TX)  
 19060.0 0907 50/425n INDO EMB Madrid SPAN - msg to Bonn (AM-UK)  
 19105.8 1435 50/425n CLP1- MINREX Havana CUBA- t/c to CLP12 (DRR-TX)  
 50/850h CLP1- MINREX Havana CUBA- t/c to CLP12 (DRR-TX)  
 19160.0 0905 75/425r TRASS Moscow USSR - EE/NX (RMA-FRAN)  
 19170.0 1030 50/425n KUNA Kuwait - EE/NX (RMA-FRAN)  
 19182.4 1020 50/425n YTA76- Adn Berlin GDR - RYS (FUG-SOAF)  
 19389.7 0650 50/425n YTA77- MFA Berlin GDR - wkg Hanoi (FUG-SOAF)  
 19442.8 0725 50/425n XVF2- Ptp Hanoi VIET- RYS to FTS91 (FUG-SOAF)  
 19480.7 0715 50/425n RZ336- EL Moscow USSR - SS/NX (RM-IL)  
 19505.0 1400 50/425n ZFK- Asuncion NAVRAD PARA - c/g Nra (AM-UK)  
 19555.2 1925 50/425n RWM76- TASS Moscow USSR - FF/NX (FUG-SOAF)  
 19829.9 0555 50/425n 9HA- Luga Air MALTA - ??? (FUG-SOAF)  
 19959.7 0830 50/??? HSF212NDH- Thai EMB Delhi wkg HSF212BNH (JK-FRG)  
 20105.0 1439 50/425n HSF212BKK- MPA Bangkok THAI- c/g Delhi (AM-UK)  
 20157.0 1450 50/425n 5KM- Bogota NAVRAD COLO - RYS (AM-UK)  
 20157.3 2025 75/425r 5KM- Bogota NAVRAD COLO- msg (RM-IL)  
 20622.1 1905 50/425n CLP33- EMBACUBA Addis Ababa ETHO - relay (AM-UK)  
 20690.0 1145 50/425n RUZU- Moldezhinaya Base ANTA- ID Into WX (AM-UK)  
 20835.0 0655 50/425n 6MZ- CZEC EMB Phom Penh KAMP- to Prague (AM-UK)  
 20851.3 1457 75/425n XQ8AP1- Cerro Tololo Observatory CHIL wkg  
 20875.0 1820 110/850n KFK92 AURA Tucson AZ (in ASCII) (JEB-CA)  
 20895.5 1125 75/425n FTF99- CZEC EMB Addis Ababa ETHO-to Prague (AM)  
 20940.0 0125 45/850r ABM4USA- USA MARS Yongnan ROK- msg (JEB-CA)  
 22069.6 1912 50/830n CCS- Santiago NAVRAD CHIL- t/c to HUA (RM-IL)  
 22217.5 0830 50/170n Murmansk MARCO USSR - wkg ships (RMA-FRAN)  
 22761.0 0855 50/425r AP London ENG - RY/FOX (FUG-SOAF)  
 22832.0 1455 50/425n 3BZ2FL- Dept of Ecology, Polish Academy of Sciences, Warsaw POL - POL/NX (AM-UK)  
 23125.0 1030 50/425n ATR73- INFOIND New Delhi INDI- EE/NX (AM-UK)  
 23690.2 1058 75/850r 4UT- UNO Bangkok THAI - msg relay (AM-UK)  
 25380.0 1815 75/170r NRUO- CGC POLAR SEA wkg CG Portsmouth (FBH-FL)  
 341.0 C 1518 BQE- Wood Bridge VA - NDB (BC-MD)  
 350.0 A 0600 ME- Chicago O'Hare Airport IL - Aero WX (TL-IL)  
 360.0 C 1506 RW- Kirby outer mkr Andrews AFB MD - NDB (BC-MD)  
 396.0 C 1450 APH- Camp A.P. Hill Bolling Green VA- NDB (BC-MD)  
 404.0 C 1443 IUG- Baltimore MD - NDB (BC-MD)  
 412.0 C 0149 UKG- Kleinburg Vortac, Downsview Airport ONT (BC-MD)  
 413.0 C 0150 FJD- unid NDB (BC-MD)  
 414.0 C 0152 CTZ- Clinton NC - NDB (BC-MD)  
 1610.0 A 0610 IL Dept of Transportation Motorist Info b/c (TL-IL)

\*\*\*\*\* QSLs \*\*\*\*\*  
 ASCN: ADP14- USAF Ascension IS - PFC -MS 15015 kHz (LVH-TX)  
 CAN.: CHU- SFTS Ottawa - Card 47d - 3330 kHz (PMD-PA)  
 VAI- Vancouver CGR - Ltr 41d IRC - 12876 kHz (LVH-TX)  
 ECUA: HCUS1- USMAG Quito - PFC/Card 18d MS - 13950 kHz (LVH-TX)  
 ESAL: YSHIUKA- USMAG San Salvador - PFC 17d MS - 13950 kHz (LVH-TX)  
 HI... NMO- USCG Honolulu - PFC 07d MS - 4376 kHz (DRU-HI)  
 WVVH- SFTS Kauai - Card 16d MS - 10000 kHz (BC-MD)  
 Honolulu Aero - PFC 12d MS - 8903 kHz (LVH-TX)  
 JPAN: JOS- Nagasaki MARCO - Ltr 12d IRC - 8437 kHz (LVH-TX)  
 NOR.: LGR- Lyrngby MARCO - Card 11d IRC - 16920 kHz (LVH-TX)  
 P.R.: NMR- USCG San Juan - Ltr 44d XRP - 8471 kHz (LVH-TX)  
 REUN: FUX- FF NAVRAD - Card 70d 2 XRC - 13215.5 kHz (AJD-NJ)  
 SENE: 6WV- Dakar NAVRAD - Ltr 35d IRC - 13410 kHz (LVH-TX)  
 6VU- Dakar Metro - Ltr 46d 10407 kHz (SB-CT)  
 USA.: WSI- Amagansett MARCO - Ltr 58d MS - 12997.5 kHz (ECS-MA)  
 NNN37- USCG Fort Macon NC - Ltr 23d MS - 2670 kHz (ECS-MA)  
 WVV- SFTS Fort Collins CO - Card 13d MS - 10000 kHz (BC-MD)  
 WSV7g- New York Aero - Card 08d MS - 10051 kHz (BC-MD)  
 AGF37- Scott AFB IL - PFC 23d MS - 11182 kHz (LVH-TX)  
 WVV- SFTS Fort Collins CO - Card 38d 10000 kHz (PMD-PA)  
 MacDill AFB FL - PFC/Ltr 07d MS - 11246 kHz (LVH-TX)  
 NMC- USCG San Francisco CA - Card/Ltr 30d MS - 13113.2 (LVH-TX)  
 KFS- San Francisco MARCO CA - PFC/Ltr MS 8444.5 kHz (LVH-TX)  
 KPH- San Francisco MARCO CA - Ltr 10d MS - 22479 kHz (LVH-TX)  
 WOB- Lantana MARCO FL - Ltr 10d MS - 12970.5 kHz (AJD-NJ)  
 NMA- USCG Miami FL - Card 62d MS - 5696 kHz (no name)  
 McClellan AFB CA - PFC 08d MS - 8989 kHz (LVH-TX)  
 NMC- USCG New Orleans LA - Ltr 10d XRP - 3023 kHz (LVH-TX)  
 VENE: YV70- SFTS Caracas - Card 15d IRC - 6100 kHz (LVH-TX)  
 YUGO: YUR5- Rijeka MARCO - Card 47d IRC - 12780.5 kHz (SB-CT)  
 Long Wave:  
 H8 - Alma Airport QUE CAN - PFC 31d MS - 253 kHz (HH-MD)  
 APH - Camp A.P. Hill VA - PFC 11d MS - 396 kHz (BC-MD)  
 FME - Fort Meade MD - PFC 29d MS - 353 kHz (BC-MD)  
 EAG - Eagle Love Muni, IA - PFC 14d MS - 302 kHz (HH-MD)  
 RYB - John Bell Williams Airport, Raymond MS - PFC 12d - 375 kHz (HH)  
 OHY - Cordelle Flying Service, GA - PFC 05d MS - 400 kHz (HH-MD)  
 YXK - Kirkland Lake Airport, ONT CAN - PFC 17d MS - 201 kHz (HH-MD)  
 Ships:  
 NNN/CVP- USS CONNELLY - PFC 157d MS - 14470 kHz (LVH-TX)  
 WGBB- EILEEN INGRAM - Ltr/Pic 16d MS - 500 kHz (HH-MD)  
 WLBV- MOBIL AERO - Ltr 26d MS - 500 kHz (HH-MD)  
 5LWG- SOUTHWEST CAPE - PFC 19d MS - 500 kHz (HH-MD)

JCU- Choshi MARCO - CQ mkr (GLB-FL)  
 C 1102 JOR- Nagasaki MARCO - CQ mkr (GLB-FL)  
 C 1101 JCS- Choshi MARCO - CQ mkr (GLB-FL)  
 C 11279 JCU- Choshi MARCO - CQ mkr (GLB-FL)  
 U var. Tokyo Aero wkg Clipper 5, China 984 (DRU-HI)  
 C 0725 JUD2- Tokyo Metro - wx b/c (JEB-CA)  
 C 0055 JOU- Nagasaki MARCO - CQ mkr (GLT-NM)  
 C 16877.5 C 0100 JDB- Nagasaki MARCO - CQ mkr (GLT-NN)  
 C 2332 JDC- Choshi MARCO - CQ mkr (GLB-FL)  
 C 2306 JCU- Choshi MARCO - wkg ??? (GLB-FL)  
 C 1717 JNG- Maritime Safety Agency Ishigaki- coded t/c to DAR & IAM (RW-IL)  
 C 1620 9MG2- Penang MARCO - CQ/QSX/t/c list (JEB-CA)  
 C 1115 DJJ- Manila (Bulacan) MARCO - CQ mkr (GLB-FL)  
 C 2117 DZG- Manila (Las Pinas) MARCO - CQ mkr (GLB-FL)  
 C 1250 9VG- Singapore MARCO - CQ mkr (LVH-TX)  
 C 1630 9VG35- Singapore MARCO - CQ mkr (JEB-CA)  
 C 1635 9VC- Singapore MARCO - CQ mkr (BFS-CA)  
 U 0920 Singapore VOLMET (BFS-CA)  
 U 1114 Bangkok Aero wkg China 42 (CC-DE)  
 C 1335 XSX- Keelung MARCO - CQ mkr (LVH-TX)  
 C 1757 XSW- Kaohsiung MARCO - CQ mkr (LVH-TX)  
 \*\*\*\*\* PACIFIC OCEAN \*\*\*\*\*  
 U 0606 Sydney Aero wkg Quantas 44 (JCH-MD)  
 U 0549 AXF- RAAF Sydney wkg Torch 804 (JCH-MD)  
 U var. Sydney VOLMET (JDM-MN)(JCH-MD)  
 C var. VHP2- Canberra NAVRAD - V/MC mkr (DB-AR)(GLB-FL)  
 C 1113 VHS- Sydney MARCO - V mkr (GLB-FL)  
 C 12994 V1P04- Perth MARCO - V mkr (GLB-FL)  
 U 0433 VIS- Sydney MARCO wkg m/v Transvaal (JCH-MD)  
 U 0421 VIS- Sydney Aero wkg Auckland Aero (JCH-MD)  
 C var. FUM- FF NAVRAD Papette- V mkr (GLT-NN)(GLB-FL)  
 U 1144 Tahiti Aero wkg Tokyo Aero (CC-DE)  
 C 17380 FUM- FF NAVRAD Papette - V mkr (GLT-NN)  
 U 0447 Nandi Aero wkg Quantas 65 (JCH-MD)  
 C 1626 NRV- CG Guam - CQ/QSX mkr (BFS-CA)  
 U 0738 A1E2- Andersen AFB c/g Navy Alfa Xray 332 (DRU-HI)  
 C 1432 NRV- CG Guam - CQ mkr (GLB-FL)  
 U 1256 Honolulu Aero wkg Nandi Aero (JDM-MN)  
 U 0606 Honolulu Aero wkg Continental 02 (JCH-MD)  
 U 0625 Honolulu Aero wkg MAC 60180 (JWE-TN)  
 U var. Honolulu Aero wkg MAC 80307/00454 (DRU-HI)  
 U 2345 MSC Honolulu wkg USNS American Titan (DRU-HI)  
 U 0549 AGA2- Hickam AFB wkg Flight 256 (JCH-MB)

JAPAN: 8480  
 8524  
 12827  
 12879  
 13300  
 15950  
 16833  
 16877.5  
 16999  
 17042  
 20724  
 MLAY: 12678  
 12907  
 17176  
 SING: 8476  
 8530  
 8715  
 11387  
 THAI: 8942  
 8508  
 12865  
 AUSTR: 8867  
 11235  
 11387  
 12907  
 12953  
 12994  
 13107  
 13300  
 8625  
 8942  
 17380  
 8867  
 12743  
 13201  
 17146.4  
 5643  
 8867  
 8903  
 8903  
 13115a  
 13201  
 HI...

HI..: 13354.0 U 0004 Honolulu Aero wkg Quantas 23 (JCH-MD)  
 15081 U 0143 NMO- CG Honolulu wkg NOAA Discoverer (DRU-HI)  
 NCAL: 8646.1 C 1220 FUL- FF NAVRAD Noumea - V mkr (GLT-NM)  
 12697.6 C 1848 FUL- FF NAVRAD Noumea - V mkr (PAC-UK)  
 NZEL: 8599 C 0802 ZLO- Iri-rangi NAVRAD - DE mkr (GLB-FL)  
 8867 U 0446 Auckland Aero wkg Quantas 48 (JCH-MD)  
 8867 U 0630 Auckland Aero wkg MAC 3808A (DRU-HI)  
 13282 U 2050 Auckland VOLMET (CC-DE)  
 17170.4 C 0110 ZLEA- Avarua MARCO - DE mkr (GLT-NM)  
 PNG.: 13042 C 0900 F2M- Port Moresby MARCO - WX b/c (RDG-AUST)  
 1.3974 U 0200 NNN(M)CE- USN MARS McMurdo - wkg ??? (WJS-ONT)

\*\*\* ANTARCTICA \*\*\*

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

4097.1 U 0544 LECK- ROYAL VIKING SEA- p/p via WOM (LSD-NJ)  
 4112.6 U 0607 NFXM- USS McINERNEY p/p via WOM (LSD-NJ)  
 4134.3 U 0100 NODS- CGC SALVIA wkg CG New Orleans (LSD-NJ)  
 5476 C 0150 RWNJ- unid Soviet warship wkg UAHY (FWB-NJ)  
 5680 U 0230 US NAVY SUBMARINE (name/call not given) wkg Patrick  
 AFB Rescue Ops during ditched helo SAR (LSD-NJ)  
 5696 U 0431 NPIN- CCC CHULULA wkg CG Boston (LSD-NJ)  
 5696 U 0438 NPDZ- CGC CAPE CROSS wkg CG San Francisco (LSD-NJ)  
 5696 U 0120 NECA- CGC POINT HURON- p/p Norfolk RCC via NNN (LSD-NJ)  
 5696 U 2005 NRTF- CGC ACTIVE wkg CG 1504 (BCW-VA)  
 6203.1 U 1404 CGBK- CANADIAN CG JOHN A. MacDONALD wkg ??? (LSD-NJ)  
 6506.4 U 1426 NRCB- CGC EAGLE wkg CG Portsmouth (NAP-AL)  
 6506.4 U 1418 NRPK- CGC CLOVER wkg CG San Francisco (JDM-MN)  
 8272.5 U 0642 HO6833- RUBY BAY wkg Scheveningen MARCO (LSD-NJ)  
 8390 C 0038 H9VZ- EASTERN SPLENDOR wkg WCC (FWB-NJ)  
 8391 C 0342 BOBX- SHITANGHAI wkg WLO (FWB-NJ)  
 12333.1 U 1700 KLHR- CHARLES LYKES p/p via KMI (BPS-CA)  
 12333.1 U 1703 SVTP- EVMAR p/p via KMI (BPS-CA)  
 12336.2 U 1627 m/v TROPICAL p/p via KMI (BPS-CA)  
 12354.8 U 0229 NIEW- AMSTERDAM p/p via WOM (BPS-CA)  
 12429.2 U 1729 XAFC- SANTA MARIA clg WSNR- SANTA MARIANA (BPS-CA)  
 12542.3 C 1841 EAXB- CASTILLO D S. MARCO clg WCC (JAK-WV)  
 12544 C 0029 SYMB- ATLAS wkg Berne MARCO (FWB-NJ)  
 12546 C 0224 J4YI- GHKAS wkg Limon MARCO (FWB-NJ)  
 13159 U 0855 NPIN- CGC CHULULA wkg CG New Orleans (RM-IL)  
 13188 C 0340 RMKS- unid SOVIET Warship wkg RMHB (FWB-NJ)  
 13188 C 0341 URGV- unid SOVIET ship wkg RMHB (FWB-NJ)  
 13196.9 U 1650 NR00- CGC FOLAR SPA p/p via CG San Francisco (BPS-CA)  
 16460 U 2124 GBCF- PACIFIC PRINCESS p/p via WOM (BCW-VA)  
 16491 U 2250 GBCF- PACIFIC PRINCESS p/p via WOM (BPS-CA)

PEWI- CHINA WINDS - PFC 63d IRC - 8360 kHz (HH-MD)  
 KEPA- DAVID D. IRWIN - PFC 38d MS - 8364.4 kHz (HH-MD)  
 ELAJ4- ATLANTIC - PFC/Tric - 82d IRC - 12360 kHz (HH-MD)  
 WJGH- PRESIDENT TAYLOR - Ltr 330d MS - 8370 kHz (HH-MD)  
 HPCU- MORILLO - PFC 51g IRC - 8370 kHz (HH-MD)  
 GTUN- POLLENGER - Ltr 62d XRP - 8360 kHz (HH-MD)  
 HPPG- FESTIVAL - PFC/Tric - 33d MS - 8360 kHz (HH-MD)  
 ANWB- KANCHEN JUNGA - PFC - "6years" IRC- 2228 kHz (HH-MD)  
 JKLT- TOYOTA WARU - PFC - 95d IRC - 8363.6 kHz (HH-MD)  
 JXXY- SEA BREEZE - PFC - 68d IRC - 8238.4 kHz (HH-MD)  
 LJRL- JARAMA - Ltr 37d IRC - 12540 kHz (HH-MD)  
 WRSY- THOMPSON PASS - PFC/Tric - 107d MS - 8370 kHz (HH-MD)  
 DRER- BELOCAN - Ltr - 80d XRP - 16720 kHz (HH-MD)  
 ONNB- MINERAL LUXEMBOURG - Ltr 59d IRC - 8362.8 kHz (HH-MD)  
 ELSP- LIMON - Ltr 52d IRC - 16720 kHz (HH-MD)  
 AIRCRAFT: GULL 19- PFC/Ltr 120d MS - 11246 kHz (LVH-TX)

\*\*\* We had 54 contributors for this issue (plus 9SL holdovers)

(RMA-FRAN) Roger Aked (FBH-FL) Fred Hetherington  
 (BLA-PA) Brian Alexander (HH-MD) Hank Holbrook  
 (RMA-IA) Rod Alexander (BLJ-TX) Brian Jones  
 (ATA-VA) Al Arnold (JAK-FRG) Joerg Klengenfuss  
 (FWB-NJ) Fred Belghaus (JAK-WV) Jeff Knapp  
 (NEB-MN) Nick Berkholtz (RAL-OH) Bob Leary  
 (JEB-CA) Jason Berri (TU-IL) Tom Lorenz  
 (GLB-FL) Gary Bledsoe (RM-IL) Bob Margolis  
 (DB-AR) Don Brewer (LM-PA) Larry McKinney  
 (FUB-NJ) Francis Brindley (AM-UK) Alex Moore  
 (JUB-PA) Joe Buday (RFM-CA) Ralf Munster  
 (CC-DE) Cornelia Campbell (DO-CA) Don Ohlinger  
 editing only (NAP-AL) Neal Perdue  
 (BC-MD) Bruce Chituck (RLR-KS) Bob Rankin  
 (FJC-MA) Bob Coleman (DRR-TX) Denny Reeves  
 (PAC-UK) Peter Conway (BFS-CA) Bryan Sharpe  
 (LSD-NJ) Larry Danko (ECS-MA) Ed Soowre  
 (FME-PA) Peter Dillon (RDS-NJ) Rick Stein  
 (JWD-TN) Jim Evans (WJS-ONT) Wilf Stone  
 (RDG-AUST) Roger Gammon (GLT-NM) Glenn Thompson  
 (FJG-SOAF) Francois Jacot-Guillarmod (PAT-CA) Peggy Thompson  
 (JG-NC) J. Gunter (TT-MI) Tim Tyler  
 (MSH-NC) Mike Hardester (DRU-HI) Don Unruh  
 (JCH-MD) Jim Hartung (LVH-TX) Larry Van Horn  
 (DRH-PA) Don Hein (JDM-WN) John Williams  
 (JFH-MA) John Henaault (DLN-CT) Dave Wilson

Last but not least, (BCW-VA) Bernie Wimmers

\*\*\*\* AIRCRAFT \*\*\*\*

5574.0 U 1205 MAC 50643 wkg San Francisco Aero (JDM-MN)  
5598 U 0509 GERMAN AIR FORCE 5096 wkg Gander Aero (RM-IL)  
5598 U 0216 IBERIA 922 wkg Santa Maria Aero (JDM-MN)  
5598 U var. IBERIA 942/AIR FRANCE 248 wkg New York Aero (JDM-MN)  
5616 U 0041 WORLD 103 wkg New York Aero (JDM-MN)  
5616 U 0430 AFRIQUE 350 wkg New York Aero (CC-DE)  
5628 U 1350 JAPAN AIR 433 wkg Tokyo Aero (BPS-CA)  
5649 U 0157 LUFTHANSA 401 wkg Gander Aero (JDM-MN)  
5680 U 1910 AIR FORCE RESCUE 852 wkg AF RESCUE 859 (LSD-NJ)  
5696 U 1959 CG 1501 wkg CG Portsmouth (BCW-VA)  
5696 U 2000 CG 01 clg CG Portsmouth (FJB-NJ)  
5699 U 0110 CG 1700 wkg CG 2112 (note freq) (LSD-NJ)  
8825 U 0058 IBERIA 851 wkg Santa Maria Aero (JDM-MN)  
8861 U 0352 CALEDONIAN 663 wkg Recife Aero (RM-IL)  
8867 U 0610 CLIPPER 812 wkg Auckland Aero (DRU-HI)  
8903 U var. CONTINENTAL 94/KORAN AIR 050 wkg Honolulu (JDM-MN)  
8913 U 2239 CG 1504 clg Houston. Oceanic (RM-IL)  
8964 U 1355 MAC 60198 r/c with Hickam AFB (JDM-MN)  
8984 U 1236 CG 1414 wkg CG San Francisco (JDM-MN)  
8989 U 1241 MAC 50256 p/p McCord via McClellan AFB (JDM-MN)  
9006 U 0107 CANMIL 409 wkg CANMIL Edmonton (JDM-MN)  
11176 U 0028 MAC 19724 p/p Howard Metro via Albrook AB (JDM-MN)  
11179 U 1727 AIREVAC 59411 p/p Andrews CP via Andrews AFB (CC-DE)  
11182 U 1447 MAC 50253 p/p 21st CP via Scott AFB (JDM-MN)  
11201 U 1251 CG 2113 wkg CG Miami (JDM-MN)  
11300 U 0108 LUFTHANSA 541 wkg Cairo Aero (JDM-MN)  
11342 U 1343 AMERICAN 585 wkg San Juan LDOC (JDM-MN)  
11396 U 0808 KIWI 851 (RNZAP) clg Jakarta Aero (BPS-CA)  
13201 U 2206 NORTHWEST 21 wkg Hickam AFB (DRU-HI)  
13300 U 0647 CLIPPER 5 wkg Tokyo Aero (DRU-HI)

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

3046.0 L 0406 BOAT DOCK wkg Andrews AFB (RAL-OH)  
4495 U 0516 WAR46 wkg CLEAN CUT (RM-IL)  
5026a U 0806 HICKAM ALFA wkg HICKAM CHARLIE (BFS-CA)  
5516 U 0715 "65" wkg "67" (TT-MI)  
5574 U 0525 NAVY HOTEL TANGO 337 wkg San Francisco Aero (RM-IL)  
5680 U var. stations wkg each other - PATRICK RESCUE, PEAROD 77,  
USN SUBMARINE, CG 2112 (JCH-MD)(LSD-NJ)(CC-DE)  
5680 U var. RESCUE OPS wkg CAPE RADIO RESCUE 5801/WHISKEY 215(CC-DE)  
5700 U 0213 WINDPIPE p/p via MAYBERRY then into RFTY (CC-DE)  
6683 L 1814 EXECUTIVE ONE FOXTROT wkg ??? (TT-MI)  
6683 L var. AIR FORCE ONE wkg Andrews AFB (CC-DE)(TT-MI)

\*\*\*\* Results of the age/occupation utility contributor survey.....  
63 utes provided data for this survey. The bulk of the utes  
live in the USA. Other countries represented were: Australia,  
Canada, England, France, Japan & West Germany.....

The age span ranged from 16 to 77 years old. So we have every  
thing from the young to the old represented.  
Of the 63, 52 reported their ages. The bracket breakdowns were:

16/19 - 03 35/39 - 03 56/59 - 03  
20/25 - 05 40/45 - 07 60/65 - 02  
26/29 - 04 46/49 - 04 66/69 - 02  
30/35 - 13 50/55 - 02 70/77 - 02

Age group between 16 to 39 totaled 30, while between 40 to 77  
it was 22. Although the under 40 group was in the majority, the  
overall median age was 46.3 years.

Professions/Occupations were:

Associate Professor of Linguistics  
Cattle Rancher  
Clay Sculptor/Potter  
Civil Engineer  
Catholic Priest  
Canadian Postal Employee  
Corpsman- US Navy  
Cook  
Civil Service Personnel Specialist  
Computer Software  
Computer Graphics Operator  
Computer Programmer  
Chemist  
Chemical Technician/Industrial Photographer  
Dentist  
Detective Sergeant (Police)  
Deputy Sheriff/USCGR  
Electronics Engineer  
Electrical Engineer  
Electronics Technician (2)  
Electronics Retailer  
Electrical Apparatus Inspector/Tester

Farmer/Real Estate Broker  
 Forklift Operator  
 Housewife  
 Information Systems Analyst  
 Insurance Broker  
 Quality Control Inspector  
 Photographer  
 Priest/Clinical Psychologist  
 Printing Press Operator  
 Public Health Advisor for Centers of Disease Control  
 Police Officers (2)  
 Prison Inmate  
 University Radio Program Producer  
 Research Psychologist  
 Radio Technician for Gas Company  
 Retired (7)  
 Staff Journalist  
 Security Guard  
 Soldier German Army  
 Student/Part Time Marine Radio Operator  
 Student (5) High School or College  
 Teacher - College  
 Teacher - High School  
 Truckee  
 US Navy - Aviation  
 Urban/Regional Planner  
 US Postal Employee  
 Vending Route Driver

Contrary to what non-utes believe, utility buffs are not weird. We are of all ages and our occupations cover the spectrum, which includes both white & blue collar. The same can be said of the SWEC buffs, so in the last analysis, the only real difference, is in the particular aspect of the SWL hobby one ascribes to.

My thanks to all of you who participated in this utel survey.....

As you can observe, RTTY monitoring has now become a major section of the column. The advent of stable receivers, inexpensive mini-readers & sophisticated demodulators, along with comprehensive reference type publications, has really opened the door to this fascinating aspect of utel DXing. Those of you who have been with this column for the past few years, can attest, that RTTY interest is not a fad. The RTTY section has gone from minor interest, into one that is now the largest of any single section, RTTY is the trend

6683.0 L VAR. SAM 26000 wkg Andrews AFB (BLA-PA) (LSD-NJ) (CC-DE)  
 6683 L VAR. SAM 86970 wkg Andrews AFB (CC-DE) (DRR-TX) (BLA-PA)  
 6683 L 0540 SAM 24127 wkg Andrews AFB (BLA-PA)  
 6683 U 0340 BRANDYWINE wkg Andrews AFB (CC-DE)  
 6697 U 0616 PAPA 2 DELTA wkg GOLF 1 INDIA (BLA-PA)  
 6715 L 2045 SAM 31682 wkg Andrews AFB (BLA-PA)  
 6715 E 1328 SAM 27000 wkg Andrews AFB (RAL-OH)  
 6715.5 L 1900 SAM 26000 wkg Andrews AFB (TT-MI)  
 6730 L 0300 AIR FORCE TWO wkg Andrews AFB (LSD-NJ)  
 6730 U 1134 SAM 30502 wkg Andrews AFB (BLA-PA)  
 6731 U 0528 AIR FORCE TWO p/p via Andrews AFB (LSD-NJ)  
 6732 U 0615 AIR FORCE TWO p/p via Andrews AFB (TL-IL)  
 6738 L 0615 AIR FORCE TWO with p/p t/c (TT-MI)  
 6740A L 2014 SAM2700/AIR FORCE ONE wkg Andrews (DRU-HI)  
 6750 U 1515 TEAL 07 p/p Mather Monitor via MacDill (DRR-TX)  
 6750 U 1445 GULL 07 p/p LaJes Metro via LaJes AB (DRR-TX)  
 6756 U 1133 SAM 30502 wkg Andrews AFB (BLA-PA)  
 6756 U 1359 SPAR 60 wkg Andrews AFB (RAL-OH)  
 6910 U 0357 DELTA 51 clg UNIFORM 51 (RM-IL)  
 6937 U 0220 COTTON BALL clg DIRT BAG (RM-IL)  
 7675 U 1152 GULL 13 wkg VICTOR 1 CHARLIE (SSSUp) (RM-IL)  
 8633.5 U 1518 OPEN DOOR wkg AZTEC CALENDAR (RAL-OH)  
 8778 U 1314 VICTOR 7 GOLF wkg ECHO 0 DELTA (JDM-MN)  
 8782a U VAR. ECHO 6 ROMEO wkg ROMEO 9 QUEBEC (DRU-HI)  
 8912 U 2208 SHOCK 44 wkg UNITY (RM-IL)  
 8964 U 1335 ARMY 62178 p/p Kwajalein Base Ops via Hickam (JDM-MN)  
 8972 U 1426 VICTOR 2 INDIA wkg 5 ZERO WHISKEY (JDM-MN)  
 9018 U VAR. MARCONI MOBILE wkg Andrews AFB (RAL-OH)  
 9023 U 1406 MIDWEEK wkg ADVISORY (JDM-MN)  
 10493 U 1328 BANKRUPT wkg CAVAGORY (JDM-MN)  
 10780 U 1347 TEARPT 01 wkg Cape Radio (JDM-MN)  
 10780 U VAR. AGAR 25/TRACK STAR wkg Cape Radio (RAL-OH)  
 11176 U 0025 CANMILL 527 p/p Howard Metro via Albrook AB (JDM-MN)  
 11176 U 2200 PANTHER wkg Detachment One (RLR-KS)  
 11180 L 2303 SAM 26000 p/p via Andrews AFB (DRU-HI)  
 11180.5 L 1956 AIR FORCE ONE wkg Andrews AFB (TT-MI)  
 11182 U VAR. CENTURY 28/YAZOO 19/MUSIC 246 wkg SCOTT AFB (RM-IL)  
 11205 U 1352 DISHEAN wkg FISHER dpx 9006 kHz (LSD-NJ) (TT-MI)  
 11209 U 1645 "WSM5" wkg "52A" (TT-MI)  
 11210 U 0032 AIR FORCE ONE p/p CROWN/AFOC via Andrews AFB (LSD-NJ)  
 11215a U 1840 SAM 86970 p/p via Andrews AFB (DRU-HI)  
 11215a U 1926 EL DORADO r/c with SAM 27000 & Andrews (DRU-HI)  
 11246 U 1456 BABE 96 p/p Format via MacDill AFB (JDM-MN)  
 11249 L VAR. SAM 26000/SAM 31683 wkg Andrews AFB (BLA-PA)

for the 80s. If any of you are wondering how to expand your utility monitoring endeavors, RRTV is the arena to do so. Initial expenditures are still somewhat formable, but once you have the equipment, a brand new world of utility monitoring will be at your fingertips.

As you can see, this issue of the Utility Scene has 12 pages. Art Getzel, the Tips & Topics editor resigned, and Speedx was left with 6 unfilled pages. We were given 3 of them for the June issue.

\*\*\*\* And now for an announcement that will take most of you by surprise..... I have submitted my resignation as your utility editor, effective after I complete the Oct 84 column. This was a very difficult decision for me to make, coming after almost two years of on and off discussions with Speedx, concerning the scope and direction of the utility column.

So as not to be bombarded by letters, I will relate the basic reason why. By the way, what I'll relate is not intended to promote controversy within the club. It is solely my viewpoint.

Most of you know why this column is rotated... to obtain 160 more lines, within the 9 page allotment. For roughly 6 months out of the year (December through May), submissions exceed allotted line spaces to the tune of 200 to 400 plus, each of those months. This is even with the compressed format and doubling up wherever possible.

It requires 19 sheets of paper to make up the current 9 page rotated column. This in itself is complex, but easily accommodated once a routine was established.

The problem is, that after column deadline, I must assemble ALL submissions, tally, then go back and eliminate, in order to meet the total lines available. For me, there are many factors involved in deciding what stays and what goes. This has progressively become an agonizing task. All of this requires time, and as such, I'm rushed to get the column typed, to meet my publishing deadline. What surprises me, is that I've made so few typos.

I cannot obtain any additional pages (on a regular or need to basis), and there are valid reasons why Speedx isn't able to do this. I made suggestions concerning fluid min/max page allotments, but as I've stated, there are genuine reasons why this cannot be enacted.

But the problem remains, in not having enough pages when there is the need of them, and during the slow summer months, having more

11249 L VAR. SAM 12492/SAM 31682 wkg Andrews AFB (RDS-NJ)  
 13201 U 1935 KING 93 p/p Metro via Hickam AFB (DRU-HI)  
 13201 U 2133 ICY 34 (tankers/f-4 Flight) wkg Hickam (DRU-HI)  
 13201 U 0742 LARK 13 p/p via Yokota AB (DRU-HI)  
 13204 U 1750 SWEAT 01 wkg SWEAT CONTROL (TT-MI)  
 13215 L var. SAM 27000/SAM 30502 wkg Andrews AFB (CC-DE)  
 13215 U 1830 SAM 24199 wkg Andrews AFB (RAL-OH)  
 13215 L 1808 SAM 86970 wkg Andrews AFB (TT-MI)  
 13215 L 1947 BRAVO 28 p/p CROWN CONTROL via Andrews (CC-DE)  
 13215 L var. SAM 30502/SAM 31682 wkg Andrews AFB (BLA-PA)  
 13245 U 0546 214 PAPA 2 (RAF) with coded msg (JCH-WD)  
 13247 U 2150 SAM 30500 p/p via Andrews AFB (RAL-OH)  
 13378a U 1640 CHARLIE 3 PAPA wkg JULIET 4 XRAY (BFS-CA)  
 13950 L 2133 FOXPROT STERRA ONE p/p via FOX 4 (LVR-TX)  
 13977 U var. SAM 86970/2600/AIR FORCE ONE wkg Andrews ALFA (LVB-TX)  
 15048 L var. SAM 86970/2600/AIR FORCE ONE wkg Andrews (BLA-PA)(LSD-NJ)  
 17972 U 2333 SPARROW wkg Elmendorf AFB (CC-DE)  
 17975 U 2122 REPOSSESS c1g CHAIRMAN L2 (RM-IL)  
 18005 U 2100 RED BREAST wkg VALHALLA (RM-IL)  
 18027 L 2158 SPAR 60 wkg Andrews AFB (BLA-PA)  
 18666 U var. SAM 86970/86971/86972 wkg Andrews (BLA-PA)(RAL-OH)  
 20631 U 1510 FLINT 104 wkg ATLAS (RAL-OH)  
 23337 U 1507 RARE BIRD wkg SATIRWAY/ELECTION/GENESIS/AUDOCRAT (CC-DE)  
 23337 U 1717 GRADUAL wkg STAIRWAY (CC-DE)

\*\*\*\* NUMBERS/BEACONS \*\*\*\*

\*\* This time will arrange by freq,time, then date.....

3090.0 0100 27APR A-SY-5d "ATT 209-115 (3-3) (FWB-NJ)  
 3177 0645 24APR C-XX-5L (RM-IL)  
 3380 0510 29APR C-XX-5L (RM-IL)  
 3445 0303 04APR A-SY-5d "ATT 509-30 (BLJ-TX)  
 4374 0300 03MAY C-XX-5L "IDG IW" (3-4) (FWB-NJ)  
 4781 0318 25APR C-XX-5L (RM-IL)  
 5135 0200 07APR C-XX-5L "WMA GT" (5-5) (FWB-NJ)  
 5135 0200 28APR C-XX-5L INPROG (5-4) (FWB-NJ)  
 5478 0220 05APR C-XX-long string of numbers (3-3) (FWB-NJ)  
 5742 0230 05APR A-SY-5d "ATT 189 47" (5-3) (FWB-NJ)  
 5790 0415 25APR C-XX-5L (RM-IL)  
 5812 0400 15APR A-SY-4d 629 gp 190 //6803 RBZ (RM-IL)  
 5812 0700 03APR A-SY-4d 275 gp 148 (RM-IL)  
 6227 0500 17APR A-SY-5d (444) (TL-IL)  
 6235 0412 24APR A-GY-3d 2d (3-3) (FWB-NJ)  
 6294 0836 27APR A-SY-5d (MSH-NC)  
 6770 0704 03APR A-SY-5d (RM-IL)  
 6800 0430 08APR A-SY-4d (RM-IL)



6803.0 0215 25APR A-SY-4d (MSH-NC)  
 6804 0200 19APR A-SY-4d // 9075 KHz (RM-IL)  
 6822 0630 03APR A-SY-5d "ATT 784 30" (RM-IL)  
 6835 0333 16APR A/SY-5d (BLJ-TX)  
 6835 0908 07APR A/SY-5d (RM-IL)  
 6860 0125 24APR C-XX-5L using ABDEINSTUV ltrs (RM-IL)  
 6876 0224 24APR A-EY-5d (MSH-NC)  
 6890 0450 01APR A-SY-5d (AJA-VA)  
 6890 0623 01APR A-SY-5d (AJA-VA)  
 6890 0648 01APR A-SY-5d (AJA-VA)  
 6890 0457 08APR A-SY-5d (AJA-VA)  
 6890 0637 08APR A-SY-5d (AJA-VA)  
 6890 0649 08APR A-SY-5d (AJA-VA)  
 6890 0500 15APR A-SY-5d (AJA-VA)  
 6890 0640 15APR A-SY-5d (AJA-VA)  
 6890 0649 15APR A-SY-5d (AJA-VA)  
 6890 0459 22APR A-SY-5d (AJA-VA)  
 6890 0650 22APR A-SY-5d (AJA-VA)  
 6890 0453 29APR A-SY-5d (AJA-VA)  
 6890 0630 29APR A-SY-5d (AJA-VA)  
 6890 0650 29APR A-SY-5d (AJA-VA)  
 6895 0500 22APR A-SY-5d "ATT 794 115 30" (RM-IL)  
 7410 0315 20APR C-XX-5d (RM-IL)  
 7434 0210 22APR C-XX-5d (RM-IL)  
 7527 0300 29APR A-SY-5d (RLR-KS)  
 7529 0305 29APR A-SY-5d (RM-IL)  
 7803 0723 26APR A-SY-5d // 7887 KHz (MSH-NC)  
 8057 0520 01APR A-SY-5d (AJA-VA)  
 8057 0549 01APR A-SY-5d (AJA-VA)  
 8057 0520 08APR A-SY-5d (AJA-VA)  
 8057 0610 08APR A-SY-5d (AJA-VA)  
 8057 0630 08APR A-SY-5d (AJA-VA)  
 8057 0520 15APR A-SY-5d (AJA-VA)  
 8057 0605 15APR A-SY-5d (AJA-VA)  
 8057 0621 15APR A-SY-5d (AJA-VA)  
 8057 0520 22APR A-SY-5d (AJA-VA)  
 8057 0603 22APR A-SY-5d (AJA-VA)  
 8057 0624 22APR A-SY-5d (AJA-VA)  
 8057 0519 29APR A-SY-5d (AJA-VA)  
 8057 0612 29APR A-SY-5d (AJA-VA)  
 8333 0330 26APR A-SY-5d "ATT 847 64" (433) (JEB-CA)  
 8641 0318 07APR A-EY-none- repeats M.I.W.2 (FWB-NU)  
 8673 0200 07APR M-XX-5L "RMU DT" (5-5) (FWB-NU)  
 8673 0200 28APR M-XX-5L "RMN DT" (5-5) (FWB-NU)

than I can fill. From my own personal viewpoint, this is the singular weakness of a fixed page allotment system.

No one is to blame for this. Who could have foreseen that the Speedx utility column would draw in a steady and growing support, that progressively and repeatedly, swamped its fixed page allotment. I've gone through four winter seasons, hoping that conditions would change. They have, but not in step with the situation. I now find the situation a source of monthly frustration.

We utes are an enthusiastic bunch, but are the minority in Speedx. We are 25% of the membership, and this is borne out in the ratio of 36 to 9 bulletin pages (SWBC versus Utility). This reality I somehow forgot. For me, the column became almost like my own child, and as a good father, I wanted only the best for my offspring, even if the realities dictated otherwise. In essence, I tried too hard, and ended up frustrated by my inability to handle or alter the situation.

A Speedx editor must work within the established guidelines. When an editor cannot, he becomes a liability to both the club and his supporting contributors. Therefore, it is best for all concerned that I resign and turn over this column, to someone who can better deal with the realities.

With your incalculable support, we built the utility column into a very good thing. In this respect, I'm very proud of all of you. If I served you well, then he/she who takes over, can do just as fine a job, probably even better, providing your support continues.

So let's get behind the new editor (as yet not named) There will undoubtedly be changes, but I'm sure, that once the transition is complete, there will remain a very good utility column... In the end, this is what it is all about.... continuation of the utility column.....

By the way, my resignation will have no effect on the SRGU. I will continue to work on this Speedx ute manual.

As Speedx has accepted my resignation, the matter is closed. I will be with you through the October issue. If the new editor feels ready, my departure may be sooner. All I can say to all of you is, Thanks Gang.....

8873 0403 24APR C-XX-5L "Cyrillic groups (FWB-NJ)  
 9038 0400 13APR C-XX-5L "UAI NUT" (5-4) (FWB-NJ)  
 9038 0400 20APR C-XX-5L "UAI NUT" (5-3) (FWB-NJ)  
 9038 0400 27APR C-XX-5L "NINT MAA ADT" (4-3) (FWB-NJ)  
 9038 0400 04MAY C-XX-5L "NINT MAA ADT" (4-3) (FWB-NJ)  
 9325 0511 03MAY U-CY-5dd (454) (RMA-IA)  
 9387 0302 26APR A-SY-5d "ATT 842 24" (343) (RMA-IA)  
 9435 0205 22APR A-EY-4d (222) (RFW-GA)  
 10355 0336 27APR C-XX-5d (RM-IL)  
 10784 0330 27APR C-XX-5d (RM-IL)  
 11039 1909 07APR C-XX-5d (243) (GLE-FL)  
 11284 2056 27APR C-XX-4d (RM-IL)  
 11306.5 2110 24APR C-XX-5d (RM-IL)  
 11308.5 2115 24APR C-XX-5L (RM-IL)  
 11310.5 2055 24APR C-XX-5d (RM-IL)  
 11491 1830 21APR A-SY-4d (RLR-KS)  
 11532 1600 11APR A-SY-4d "195 gp 94" (RM-IL)  
 11532 1600 12APR A-SY-4d "195 gp 94" (RM-IL)  
 11532 1700 11APR A-SY-4d "988 gp 81" (RM-IL)  
 11532 1700 12APR A-SY-4d "988 gp 81" (RM-IL)  
 13658 0315 24APR C-XX-none repeats D.C.I.2 (FWB-NJ)  
 13676 2320 24APR C-XX-5A (RM-IL)  
 13676.5 1814 17APR C-XX-5A plus punctuation marks (RM-IL)  
 13773.5 1747 17APR U-CY-5dd "Achtung 266" (RM-IL)  
 13890.6 1902 08FEB U-CY-5d Hotel Mike/tones s/on (254) (FJG-SOAF)

BEACONS

3636.5 C 0027 "U" beacon (FWB-NJ)  
 5843 C 0246 "N/A" beacon - fsk mode (FWB-NJ)  
 6244 C 0204 "U" beacon (FWB-NJ)  
 6663 C 0024 "D" beacon (FWB-NJ)  
 6711 C 0324 "U" beacon (FWB-NJ)  
 8794 C 2352 "U" beacon (GLE-FL)  
 12328 C 2214 "U" beacon (FWB-NJ)

\*\*\*\* UNIDENTIFIED \*\*\*\*

4409.0 C 0050 KQC cly OSV (04MAY) (FWB-NJ)  
 4880 C 0440 VYK27 - repeats of "DE VYK27" (25APR) (FWB-NJ)  
 6834 C 0500 CQ mkr from 5K (15APR) (RM-IL)  
 7410 C 0336 TUJ sending 5 alpha-numeric tbc (RM-IL) (25APR)  
 7414 C 0333 KA3MMQ repeating "QJ DE KA3MMQ K" (15APR) (BLJ-TX)  
 11307.5 C 2058 DMSU sending 5 ltr tbc (24APR) (RM-IL)  
 12603 C 0031 SOVFRACHT TIME CHART MOSCOW BT 02/05/77 TT (03MAY) (JB-PA)  
 12977.5 C 2353 V mkr from VK30 (19APR) (DB-4R)  
 20618 C 1832 unid sta sending 5dd to GWN (20APR) (RM-IL)

NOVEMBER ECHO 702	This Confirms Reception of an Aircraft of the UNITED STATES NAVY		S-3A
Aircraft Tailings NOVEMBER ECHO 702	Aircraft Type S-3A	Squadron/Unit/Group VS-29	
Frequency 11820 kHz	Trans Mode USB	Output Power 500 W	Aircraft's Home Base NAS NORTH FORT MYERS
Date 3 DEC 78	Time 1812Z	Approx. Location During Xmit 200 NM USLU SAN DIEGO	
Serial Number 160136	Signature James E. Miller		
SEASON'S GREETINGS			

# HMCS PROTECTOR

**THIS CONFIRMS RECEPTION**

CANADIAN NAVAL VESSEL			
VESSEL NAME PROTECTOR	CALL LETTERS CYTV	VESSEL CLASS & NUMBER AOR 509	APPROX. LOCATION 30NM SE VICTORIA
DATE 17 JAN 77	TIME 1112.5 - 1114	MODE Voice	EXTR. POWER 175 WATTS
FREQUENCY 2716 kHz	SIGNATURE Edward Rowlands HOTEL PROTECTOR		

Another novel feature is dual band-selection capability. A pushbutton allows selection of "ham" bands only, or of general coverage capability, in ranges of 1000 kHz each. To change bands in either case, just push the "up" or the "down" button. There is no automatic advance available by holding the button down, so one has to use multiple pushes to change from, say 21 MHz to 15 MHz. This is one of very few annoyances on the R70.

Frequency readout is, of course, digital, in increments of 0.1 kHz. I checked once out of curiosity and at the slowest tuning rate it takes a movement of about 3/4 inch on the circumference of the main tuning dial to change the readout 0.1 kHz. Now that is what I would call FINE tuning capability. At that tuning rate it's a breeze to tune SSB signals. There's absolutely no backlash or dial looseness, and there's even a user-serviceable brake adjustment on the main dial shaft.

The set operates on either 117V AC or 235V AC. 100V, 200V, or 220V AC requires internal mods. The manual says the set can be converted for DC operation.

Given the superb sensitivity of the R70, there is a separate provision for a MW antenna. One ought to be able to hook up a BCB loop easily. However, if a switch on the back panel is thrown, you can receive MW using your shortwave antenna. This will necessitate judicious use of the attenuator, though.

The unit is not large at all—about the size of the Kenwood R-1000, but deeper; that is, with the set resting on your desk surface, it will project further toward you. The front panel is loaded with controls, and they are, of necessity, very small. Some are paired and concentrically mounted to save space. They didn't compromise on the size of the main tuning dial—it's a full 6-3/4 in. in circumference. The controls are well-marked and neatly and logically laid out.

The are two separate VFOs and with pushbutton controls one can store a frequency while tuning another, and even swap control back and forth between the VFOs at will. This is quite useful in hunting parallel frequencies, since one can instantly summon up the stored frequency from the other VFO when one wishes to make a comparison.

ICOM claims that this is a quadruple conversion rig, but that takes some explaining, and they didn't. All I can figure is that when the passband tuning control is in use, the second IF figure is up-converted 455 kHz and then down-converted the same amount to feed the third IF stage. Apparently with the OBT out of the circuit, it's just double conversion.

Reception modes available stock are AM, SSB, CW RTTY, and as an option, FM.

There's a front-mounted speaker which, though small in size, produces excellent audio. Also, on the front panel is a tone control which is so effective it, in itself, can eliminate many annoyances that are present on so many signals nowadays. A rearpanel jack (miniature) allows use of an outboard speaker, but there's no need for one, in my opinion.

The noise blander which they install in the set is like most in that it doesn't do all you'd want it to. One can select two widths: wide and narrow. I've found it to be ineffective on powerline noise, but it does cut out interference from auto ignitions, electric drills and that sort of thing. If your wife is vacuuming in the next room, however..... These things have limits to their capabilities. Concerning the Russian "woodpecker", it isn't bad in the wide mode, but it doesn't completely silence it. Strong ones swamp it, and "woody" comes through loud and clear.

The AGC circuit is quite effective. "Slow" mode handles most tuning, but there's also a "fast" mode, and one can also switch it completely out of the circuit.

Jacks for earphones and for external recording are on the front panel.

Another switch (3-way) selects either reception as-is, 20db of attenuation, or 15db or so of pre-amplification. The pre-amp is very well shielded, as there's no audible evidence that it's in the circuit other than a boost in signal strength. It is fair to say, though, that the set doesn't attain the extreme sensitivity attributed to it until the pre-amp is switched in. There's also an RF gain control. (Kenwood didn't think this was important.) And believe it or not, it has a squelch control! How often do you see this feature on a general coverage receiver?

Selectivity controls include ICOM's own version of passband tuning, a notch, and the users own judicious use of detuning off-frequency.

The PBT arrangement needs explaining. The built in AM filter is quite broad at 6 kHz, but relatively flat on top. It's probably a better grade ceramic. Shape factor is lousy: 3:1. When the PBT control is "on" the bandwidth can be narrowed continually up to a maximum of plus-or-minus 3.3 kHz, from either side of the passband. In sharpest position you have a 2.7 kHz wide passband lying to the left of the carrier frequency, or to the right of it, depending on which way you rotated the PBT control. The results are similar in SSB and CW modes, except for narrower filters and that in SSB mode the BFO isn't

# CONTRIBUTORS LIST:

JUNE 1984

EDITED BY: JOHN TRAUTSCHOLD & THE ALTAIR 8800 COMPUTER  
354 N. WINSTON DRIVE, PALATINE, IL 60067 U.S.A.

TOTAL CONTRIBUTORS: 101

3	ABBOTT, STEVE	IL R600	3	MACGIBBON, BRUCE	OR
4	ADDISON, JOE	KS R600	3	MACRIE, VIRGINIA	NJ R2000
1	ALEXANDER, BRIAN	PA FRG7700	2	MANDERSCHIED, MIKE	CA ICF2001
4	BARBER, HERB	NY	2	MARGOLIS, ROBERT	IL
1	BARRY, JOE	CA	2	MATSUI, YASHIKO	JP FRG7700
5	BERKHOLTZ, NICHOLAS	MN RF2800	3	MAY, RONALD	OR IC-R70
4	BERRI, JASON	CA RF2900	4	MCKINNEY, LARRY	PA R1000
4	BINGHAM, FRANK	MA R7000	1	MENZE, L.M.	NJ
3	BLANCHETTE, MARION	FL DX100	1	MIYAUCHI, SATOSHI	JP
6	BREWER, DONALD	AR R1000	4	MUNSTER, RALF	GA
3	BYRON, LESLIE	PA PATROL 9	6	MUZYKA, WILLIAM	NY
3	CACERES, MARCOS	NY M7700K	6	McKEON, THOMAS	IN
5	CARD, PETER	RI NRD505	3	NEUVERTH, MICHAEL	CO DX400
1	CARLSON, VIRGIL	WA	3	OHLINGER, DONALD	CA RF3100
1	CHICKERELL, LARRY	WV DX400	5	PARKS, WILLIAM	FI
3	CLAYTOR, DAVID	OH R1000	2	PRATH, JOHN	FI FRG7000
4	COLEMAN, ROBERT	MA	3	ROBERTSON, DAVE	WA
2	COOMLER, BOB	WA	3	ROBINSON, BETSY	TN CR2021
3	COX, JAMES	CA	4	RUCKMAN, ROBERT	OH
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4	FAMULARO, RALPH	NJ RF2800	1	SHEEDY, DAN	CA
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2	GAMMIE, CHARLES	MI R1000	5	STEIN, RICKEY	NJ
4	GOLAB, MARC	IL FRG7700	2	STEPHANY, NOLAN	NY
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3	GROSVENDOR, NORMAN	CA FRG7	3	STINER, ROLAND	NY
6	GUNTER, JOHN	NC R1000	3	SWINN, ROBERT	CA
4	HARDESTER, MIKE	NC R1000	3	SZABO, PETER	KS
3	HARRELL, RICHARD	IL RF2900	1	TALBOT, JOE	AB
3	HESCH, RUTH	NY R1000	5	THOMPSON, PEGGY	CA
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1	HUFFAKER, CARL	MX HOMEBREW	4	UNRUH, DONALD	HI FRG7
1	JACKSON, RANDALL	OR FRG7700	3	VALENTINE, F.A.	CA
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6	KLOSOWSKI, LORI	FL	3	WITTE, MARJORIE	CA
5	KNAPP, JEFF	WV R2000	3	WOOD, RICHARD	SA
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2	LEVIN, JAY	NJ	1	YOSHIMURA, KATSUTOSHI	JP IC-R70
1	LOBDELL, CHRIS	MA	3	ZILMER, ROBERT	NM R1000
2	LORD, EARLE	CA			

THE FOLLOWING COLUMNS DIRECT CONTRIBUTIONS WERE NOT RECEIVED IN TIME:  
UTES/QSL/PGM PANORAMA/DX MONTAGE

THE FOLLOWING COLUMNS ARE INCLUDED FROM LAST MONTHS BULLETIN:  
NONE

Hello fellow Contributors... Gee, it seems to be a rather slim month, doesn't it? Notice though that we are missing four columns too, two of them big ones. They will, of course, be included in next months Contributors List.

I'm sure some of the problems are associated with my moving. So remember editors, please make sure you send your contributors to me, not to our new publisher, Tom Kephart. My new address is listed on the first page of this list.

And, let me at this time welcome TOM KEPHART to the ranks of the initiated. Naturally, you are reading this in the first ever issue published by Tom. Welcome aboard! Tom and I will be working together for awhile to make sure that this bulletin does indeed get out on time every month. And, let me personally thank Tom for taking over when he did. There might not have been a June issue otherwise. Let me also say a big how-do to our new HQ's manager, JACK SANDERSON. Jack is taking over HQ's from Don Johnson who has been doing that job for, well let's see, it seems like forever. Don will be working with Jack over the next few months as well to make sure that transition runs smoothly. Too many changes all at once!

We had a few computer problems as well this month which is why many of the receiver listings are missing. Sorry about that. We just got moved in here less than two weeks ago (today's the 19th of May) and I no more than got the computer hooked up than I ran this column. No chance to test things out and for sure I ran into some problems. I hope they are all corrected next month.

Also, those of you who are waiting for you tri-linguals, please hang in there. Your letters are in a box somewhere here in the office, and as soon as I find them, I'll get them out to you. If you haven't heard from me in a couple of weeks, then please write again with your request. Again, sorry for the delay, but moving is no fun!!! Also, those of you who wrote recently, again, hang in there, I will get back to you ASAP. And finally, a reminder that when writing to me or any SPEEDX staffer, please include a SASE if you would like a reply. Most of us pay for our postage out of our pocket and every little bit helps.

Well, that's enough for now...let's move on now to this months ads, provided by editor David Sharp....

**SPEEDX want ads...**

SEND ALL ADS TO:

David Sharp  
17602 Meadowbridge  
Lutz, FL 33549

FOR SALE: Galaxy R-530 w/SC530 speaker, 6, 2.1 and 1.5 kHz filters. Accurate analog tuning, very stable receiver, 275.00. Realistic DX-302, exc condx, 275.00. Hammarlund HQ100A receiver, exc SWBC, 150.00. All receivers in good condx w/manuals. Prices negotiable somewhat if you pay shipping. John Renault, 55 Lincoln St., Abington, MA 02351. Or call, 617-878-8881, 4PM-5:30 PM, or also 9:30PM-11:00 PM EST Mon. through Thu. Please, no collects!

FOR SALE: Drake SPR-4/FS4/Accessories, 325.00. T-4XC/AC/Accessories, 325. Negotiable. WANTED: January 1934 QST; HG-10 VFO. Harry J. Miller, P.O. Box 153, Midlothian, VA 23113. Call 804-786-1608 days, or 804-739-2416, nights.

WANTED: Cassette tapes of Radio Free Grenada. Will buy or swap; I'll pay postage and copy costs if necessary. Send a postcard stating the content, quality, and duration of your recording. Also interested in Radio Grenada and Spice Island Radio Recordings. Douglas J. Ulmer, 1705 Madison St., Metairie, LA 70001.

FOR SALE: Barlow Wadley XCR-30 (purchased 1975), asking 100.00. ant trim and earphone jack loose, otherwise all O.K. Sony CRF-5100 (purchased in 1980), 200.00, in fine condx. Prices inc. all literature, double packing, UPS shipping+ insurance. Quitting radio. Robert Fraser, 50 Todd Rd., Cohasset, MA 02025.

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In the June SPEEDX...	David Sharp
2 SPEEDX Spotlights...	David Sharp
3 DX Montage	Tom Kephart
6 TIPS and Topics	Sandy Blaize
8 Technical Topics	Woody Seymour
9 Program Panorama	Chris Lobdell
11 Station Skeds	John Cereghin
14 Western Hemisphere	Daniel Sampson
21 Europe	Mark Koukoi
28 Africa	Bob Thunberg
29 Asia/Oceania	Leot Kanopka
35 QSL Report	Mike Chabak
42 Utility Scene	John Trautschold
54 Contributors List	David Sharp
55 SPEEDX Want Ads	Rob Harrington-CO
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