

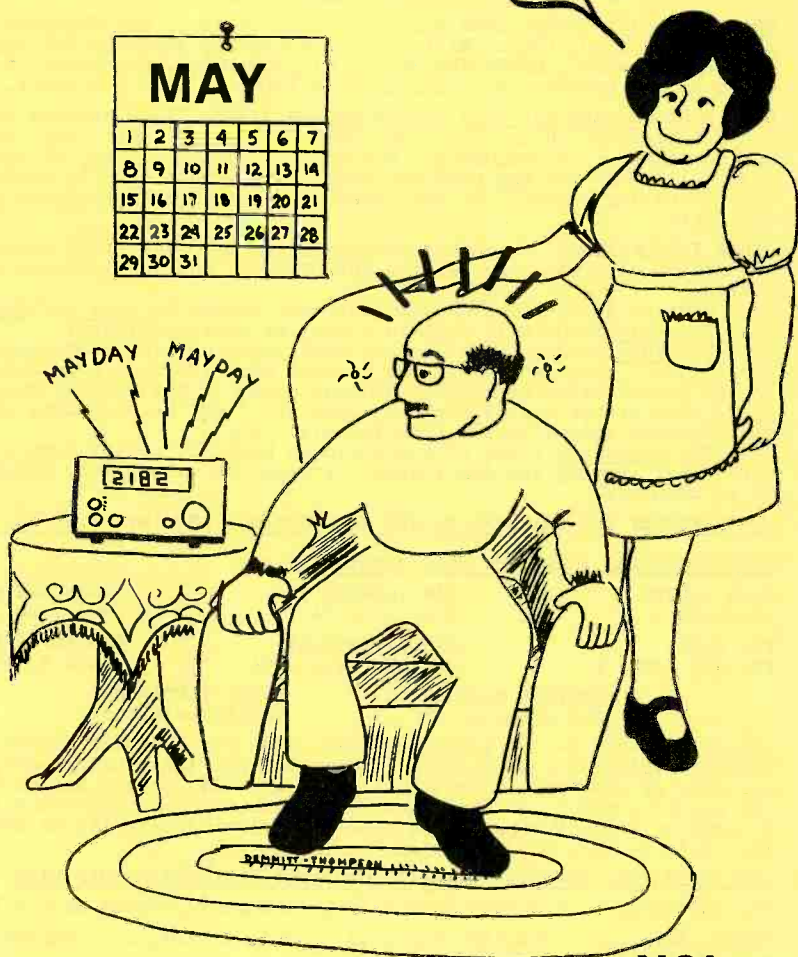
# SPEEDY

## SPEEDX

the dx radio magazine  
for active shortwave listeners

ISN'T THAT CUTE? HE'S  
TELLING US IT'S A MAY  
DAY TODAY!

MAY						
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				





--AND HERE'S ANOTHER 'SUPER-SIXTY' ON THE UPWARD PATH!

MICHAEL MAHONEY Wilton Manors, FL	BARRY WASHBURN Glens Falls, NY	BOB CROWLEY Dedham, MA
KENNETH YOUNG Warwick, RI	TREVOR STANLEY Flagstaff, AZ	SATOSHI MIYAUCHI Tokyo, Japan
EUGENE AGAN III Mt. Vernon, OH	DENNIS BAUMGARDNER Oakland, CA	BOB CRONAU Hampton, VA
JOEL ROCHOW Washington, DC	BRAD LEONARD St. Louis, MO	MARION BLANCHETTE Thonotosassa, FL
DAVID LITSINGER Austin, TX	WERNER HOPFMANN Santa Barbara, CA	MARK DROLIAS Wayne, MI
LENNY MAJOR Ashtabula, OH	DIRK ZIMMERMANN Essen, West Germany	BOB SHRADER Austin, TX
RICHARD NEWBOULD Pittsburgh, PA	WALTER PFLAUMER Arlington, VA	GARY OWENS Alameda, CA
BARRY BRENESAL Gainesville, FL	H. W. WILSON Peoria, AZ	SHINICHI KOSUGIDA Hokkaido, Japan
JIM RENN Wenatchee, WA	WILLIAM BUTUK Thunder Bay, Canada	DEAN BIANCO Eastchester, NY
RICHARD HULL Bremerton, WA	LINDA SHERWOOD Oxford, MA	DAN CARTER Lower Burrell, PA
CLIFFORD REIQUM Tiburon, CA	ALLEN LIEU San Mateo, CA	WILLIAM THIM Hartford, CT
PAUL RASCOE Austin, TX	THOMAS LORENZ Wheeling, IL	JAMES SMALLWOOD APO New York, NY
CHARLES SHRYOCK Joplin, MO	PHILLIP MOODY Scarborough, ME	MOLLY BLAKE Toronto, Canada
JOSE BARR Whittier, CA	C. SCHAFFER Minocqua, WI	MICHAEL SCHEEL Walcott, IA
ADAM SMITH Carnegie, PA	A. J. DEINET E. Brunswick, NJ	STEPHEN SHAWN Salt Lake City, UT
CLARENCE WHITE Overland Park, KS	JIM MAYNARD Lexington, KY	FRANK MORGAN Midland, TX
JIMMY JOHNSON Sheffield, AL	KENNETH HAZLITT Victorville, CA	ROBERT DESROSIERS Fall River, MA
DONALD BAKER Millsboro, DE	ELMER CRONKRIGHT Wyoming, MI	CRAIG CONOLLY Galesburg, IL
HILARY HALPERIN Bronx, NY	FRANK SHOEMAKER Syracuse, NY	WILLIAM FELD Auburn, CA
ROGER CONLEY APO Miami, FL	TOM KEPHART Mt. Pleasant, MI	STANLEY WHITE Lowell, MA

To our new Super-Sixty, a warm welcome from SPEEDX! Now that you have your toes wet, it's time to take the plunge and start working your way toward a spot on that Full Membership List. First off, start sending in your Loggings, QSL Reports, Station Skeds, and any info usable by any SPEEDX Editor (you'll find their names and addresses at the tops of their columns). Each item must be in the Editor's hands by the 12th of the month. To save stamps, you can send all your material 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. Remember to cut all of your items apart so Perky Peggy can send each one to the Editor for whom it is intended. You, and only you, set your speed in your climb to Full Membership!

SPEEDX MASTHEAD DESIGN CONTEST OPEN TO ALL MEMBERS

Is there an artist in the house? Whether you fit that description or not, you're welcome to enter this contest to design new headings for the columns running in SPEEDX. (Frankly, I'm a little tired of the one at the top of "Keynotes".) Winning entries will win prizes, perhaps one of the coveted SPEEDX Pennants! If you're not an artist, send in your idea anyway and CDE Peggy Thompson, our artist in residence, will redo it for you. Mail your entry to: John Trautschold, P.O. Box 861, Menomonee Falls, WI 53051-0861. He'll take it from there! Oh yes, Good Luck!

### FORMER SPEEDX FULL MEMBERS NOW NO LONGER ELIGIBLE

Now we come to the hard part. For some reason or other, the following who were listed in the Full Membership List published last month have lost that status and are no longer eligible to either nominate or vote in SPEEDX:

Roy Carlson, CA; Steve Costin, AUS; Ivan Grishin, ONT; Michael Hamner, MN; Emil Kasprzyk, TX; James Marin, FL; Ron Marshall, AZ; David Norcross, CA; Scott Snyder, NY; Elwin Wormwood, NY.

David Audette, MA; Elizabeth Averill, MA; Warren Bellard, OH; Cliff Brown, IL; George Cady, IL; R.W. Farmer, TN; Bob Kivell, NM; John Miller, GA; Hugh O'Riordan, ID; Ronald Pokatiloff, IL; Bill Potorti, NY; Allen Seitner, VA; Norm Stephenson, CA; John Vockeroth, NJ; and William Wilfinger, OH. Come on back, Good Buddies, we miss you!

### ASSOCIATE OR ACTIVE, YOU'RE ALL WELCOME AT 'ANARC 83'

As you know, if you've read recent issues of SPEEDX, the ANARC 1983 Convention is scheduled for July 15-17 in Arlington, VA, just across the river from Grumbling-on-the-Potomac. This Editor has attended a number of these conventions and emphatically recommends them to any and all SWL/DXers. If learning sessions bore you, you'll still get your money's worth in meeting a bunch of great guys and gals who share your hobby--and swapping info with them. There are always plenty of SPEEDXers there, and this year you'll hear our Prexy, John Trautschold, on one of the prestigious panels. (He's flying his family down so you'll get to meet Assoc. Publisher Kathy and their Firstborn, Christopher, too!) You'll find more info in the April issue on pages 4 and 29, and a Registration Form on page 30. Better go!

### HQ GURU DON JOHNSON STILL WANTS OUT!

As reported here in April, our Business Manager/Treasurer Don Johnson has put in ten years on that job and really wants a replacement. SPEEDX is looking for a retired or disabled SWL/DXer to take over headquarters duties. All the details are in the April SPEEDX. Write Don J. or John T.

### CBC TO SPLIT CONTROL OF RADIO, TV

On the Mar. 30 bcst of RCI's "The World at Six", the Director of CBC announced that the radio and TV services of the CBC would no longer be under joint control and that the French and English radio services will also be separate, according to John Demmitt, PA who monitored that show. The change will take place in July. John thinks that may be why CBC has not been issuing QSLs.

### FALKLAND ISLANDS 'INTERNATIONAL' JUST ANNOUNCER'S JOKE

In a penitent missive from SPEEDXer Rick Lucas, CA, he says, "Well, it looks like my hand-printing has embarrassed me again. Bob Bodell misunderstood my report to the 'GRAM. 'Falkland Islands International Broadcasting Station' was the announcer's joke, and heard only once. My apologies..." This Editor apologizes, too, but insists that the 'SPEEDXGRAM' is a good buy and that the rest of that paragraph was accurate!

### CAN 9-DIGIT ZIP CODE SPEED YOUR MAIL? TRY IT!

SPEEDXer Phillip Dampier, NY, writes that if you live in the States, you can get your 9-Digit Zip Code and that it does speed up your mail. Just look up the phone of "Zip Codes & Information" under the "US Government" listing in the white pages, give them your current Zip Code and home address and they'll give you the nine digits you should use in all your return addresses. Phillip says Air Mail gets to you up to two days faster than with the old five number Zip. Guess we'll have to check that out!

### HAM OR NOT, YOU TOO CAN HAVE A 'CALLSIGN'

The WDX Monitoring Service has been issuing callsigns for many years, says SPEEDX new "Europe" Editor, Mark Koukol. (Our CDE's is WDX61CU, and this Editor's is WDX9KJR.) They're not valid for any type of transmitting, but they're mighty handy IDs when you're writing to a radio station. There's been some confusion over the correct address, so if you're interested in registering and getting your own callsign, write for information to: WDX Monitoring Service, P.O. Box 3333, Cherry Hill, NJ 08034. And that's it!

### THERE'S NEVER ENOUGH ROOM FOR ALL THE GOOD STUFF!

Here we are again, nearing the bottom of the page and having to leave out a lot of really good material. Our apologies to those good SPEEDXers who sent in fine material and who won't find it here. I'm truly sorry. No guarantees, but we'll try to get it into the next issue. 73 --- *Sen*

# PROGRAM

MAY 1983

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

# PANORAMA

FROM THE EDITOR'S DESK...Thanks to the many SPEEDXers who responded to my request on the December 1982 issue of Popular Communications in a recent column. A special thank you to Frank Pagano of Washington, DC, who sent a copy of the magazine to your editor. Thanks one and all!...  
....Speaking of Washington, DC, I hope that many of you will attend the 1983 ANARC Convention July 15-17 in the Nation's Capital. I plan to attend the convention and look forward to seeing many of you there!

AUSTRALIA...Now that Daylight Savings Time has once again returned to the USA, late risers in the East (like your Editor!) can enjoy the North American beam of Radio Australia's English Service from 0700-0900 EDT (that's still 1100-1300 UTC) on 9580 kHz. Some of the programs that can be enjoyed on weekends are: Fri 1110 AUSTRALIAN INSIGHT 1126 STOCK EXCHANGE 1130 AUSTRALIAN NEWS 1140 LETTERS TO THE EDITOR 1212 FOUR CORNERS; Sat 1110 AUSTRALIAN EDITORIALS 1130 AUSTRALIAN NEWS 1140 PROFILE 1210 DUNSTAN'S DIARY 1240 AUSTRALIAN INVENTOR; Sun 1110 BUSINESS WORLD 1130 AUSTRALIAN NEWS 1140 BODY PROGRAMME 1212 REPORT FROM ASIA 1240 YOU ASKED FOR IT. (Taken from a complete listing of Radio Australia's feature programs in the May 1983 issue (#76) of Review of International Broadcasting. Thanks to Kraig Krist for sending the latest RA schedule to Program Panorama!)



FALKLAND ISLANDS...The Falkland Islands Broadcasting Station has been widely heard recently on 3958 kHz at 0859 UTC sign on. A new Breakfast Show has been introduced, with a relay of the BBC news at 0900, Review of the British Press at 0910 and local weather at 0915. Then follows the latest in British pop music with professional-sounding announcers. The programs are designed to entertain the British forces as well as the local residents. (New Zealand DX Times in Sweden Calling DXers)

FRANCE...Radio France International has begun Daily Newscasts in the English language to the Indian Ocean region and East Africa from 0415 to 0430 and 0445 to 0500 UTC on 7135, 9795, 11735, 11875 and 15155 kHz. (Heard over RFI by SPEEDXer Mike Fisher of WI) # 1731)

MOZAMBIQUE...The External Service of Radio Maputo broadcasts in English twice daily. A half-hour program can be heard from 1100-1130 UTC on 9525, 11820 and 11835 kHz. The NEWS can be heard daily at 1100, followed by a feature program(s) at 1110: Mon CLOSE-UP Tue POSTBOX 2000 and STOPWATCH Wed ROVUMA TO MAPUTO Thu COMMENTARY and MOZAMBICAN MUSIC TODAY (to 1740) Fri WEEKLY SERIAL Sat POSTBOX 2000 and THE WORLD IN FOCUS Sun THE CHANGING FACE OF MOZAMBIQUE. CLOSEDOWN is at 1130 except on Thu, when programming extends to 1140.....The second daily transmission begins @ 1800 UTC on 3265, 4855, 9620 kHz. The first item heard is NEWS, followed by: Mon 1810 POSTBOX 2000, 1819 STOPWATCH, 1830 CLOSEDOWN; Tue 1815 SPOTLIGHT SOUTHERN AFRICA, 1830 CLOSEDOWN; Wed 1810 COMMENTARY, 1815 ROVUMA TO MAPUTO, 1835 SONGS OF STRUGGLE, 1852 NEWS ROUNDUP, 1900 CLOSEDOWN; Thu 1810 THE CHANGING FACE OF MOZAMBIQUE, 1830 CLOSEDOWN; Fri 1810 POSTBOX 2000, 1819 THE WORLD IN FOCUS, 1830 MOZAMBICAN MUSIC TODAY, 1852 NEWS ROUNDUP, 1900 CLOSEDOWN; Sat 1810 BOOKSHELF, 1830 CLOSEDOWN; Sun 1810 CLOSE-UP, 1835 WEEKLY SERIAL, 1852 NEWS ROUNDUP, 1900 CLOSEDOWN. (Thanks to SPEEDXer Michiel Schaaay of Doorn, HOLLAND for this information.)

Do you have a favorite station or program? If so, we would like to hear from you at Program Panorama. We would also like to hear from you if there are stations or programs that you find less appealing. Be sure to contribute today!

NETHERLANDS ANTILLES...Trans World Radio, Bonaire has a daily morning broadcast to North America from 1115 to 1235 UTC on 11815 kHz. The Mon through Fri lineup looks like this: 1115 MUSIC, NEWS SUMMARY 1130 WORLD, CARIBBEAN & U.S. NEWS 1143 MUSIC 1150 INSIGHT FEATURES 1155 MUSIC, NEWS SUMMARY 1200 THRU THE BIBLE 1230 FINAL NEWS SUMMARY 1235 SIGN OFF. All programs are in English. (Don McCants, AL)

NEW ZEALAND...(NZ wire service 3/3 via Barry Hartley in Review of International Broadcasting #76): "RNZ SW service to Pacific has been revived. The 35-year old service...has been under threat since the government withdrew \$180,000 a year subsidy 12 months ago. It was thought that the service would be dropped at the end of March 1983, but Broadcasting Chairman Ian Cross says that by making heavy cuts, the service has continued and will now carry on at its present reduced level. He said that the Corporation's finances have picked up in the past 6 months, and though it will cost up to \$170,000 per year to run the SW Service, the Corporation will meet the cost."



TURKEY...The Voice of Turkey broadcasts in English to Europe, Eastern North America, Middle East, Southeast Asia and Southwest Asia daily at 0300-0400, 1230-1300, 2000-2100 and 2200-2300 UTC. Feature programs are: Mon THE LIVING PAST, TURKISH PANORAMA/CULTURE AND ART; Tue ANATOLIAN SUN, TURKISH MUSIC; Wed LETTERBOX, OLDIES BUT GOODIES; Thu CHANGING TURKEY IN A CHANGING WORLD, ANATOLIAN CIVILIZATIONS; Fri WELCOME TO ANATOLIA, ART IN ANATOLIA; Sat NEWSREEL, DX CORNER; Sun NEWSREEL, ARMENIAN DEPORTATION WITH DOCUMENTS (what a strange program title!-WS). (Thanks to Hiromasa Sato of Japan and former SPEEDX ME Larry Talbot of WI for this schedule..former Managing Editors don't fade away--they just turn into column contributors!)

UNITED KINGDOM...BBC World Service has an excellent lineup of programming for May. Of interest to hobbyists is a program on the 1983 EUROPEAN DX COUNCIL CONFERENCE. A report on the EDXC meeting can be heard May 30th @ 0915, 31st @ 0100, June 1 @ 0430, 1735 UTC..... IN TRUST FOR THE NATION looks at the past, present and future of Britain's National Trust. The Trust administers most of the historic sites/sights that one visits on a trip to the UK. Tune in on the 29th @ 1430, 30th @ 1830, June 3 @ 2330 UTC.....ORIGINS continues its look at what excavations around the world are "turning up" about Early Mankind. Tune in Mon 1030, 2130, Tue 1615, Fri 0230 UTC. On the 16th, the program looks at the Jorvik--Viking York excavations in the English city of York.....WHAT MAKES A MILLIONAIRE? is a question which attracts immediate attention. On the 8th @ 1430, 9th @ 1830 and 13th @ 2330, reporter Christopher Nicholson tries to discover the secret..... Bob Kilbey's CLASSIC ALBUMS for May are "Regatta de Blanc" by The Police, "Live at the Apollo" by James Brown, "Imagine" by John Lennon and "Bridge Over Troubled Water" by Simon and Garfunkel. Tune in Sat 0430, 1330(21st only), Mon 1115, Tue 2315 UTC.(London Calling, 5/83)

USA...AFRTS relays a wide variety of domestic American programming around the world on shortwave. Some of the featured programming suggested by SPEEDXer Don McCants of AL is: Mon to Fri (all times UTC): 1334 ASSIGNMENT HOLLYWOOD 1338 ELMER DAPRON'S GROCERY 1341 CONSUMER'S BUYER GUIDE 1344 POMERANTZ ON MONEY 1534 WHAT'S RIGHT WITH AMERICA; Sun 1424 FBI WASHINGTON, repeated at 1924//2235 FOCUS ON THE FAMILY 2335 UN WEEK IN REVIEW; Mon 0135 UN WEEK IN REVIEW 0335 FOCUS ON THE FAMILY.....AFRTS has a wealth of programming from the 6 networks (NBC, ABC, CBS, MBS, UPI, AF) which you can hear. The center pages of the May 1983 issue of Review of International Broadcasting (#76) are devoted to a complete AFRTS schedule of programs. The listings are too numerous to include here, but if you haven't discovered RIB yet, now would be a good month to do so. A sample issue is \$1.25 in North America or \$2.00 or 8 IRCs for elsewhere. Write to RIB c/o Glenn Hauser, Box 6287, Knoxville, TN 37914. RIB's Glenn Hauser has done an excellent job with this AFRTS feature. (WS)

Thanks to all our contributors for this month. Next month, we will try to work on some backlogged items. Until then, good listening! <sup>WS</sup>4/11



# 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 "GUIDE TO RTTY FREQUENCIES" AVAILABLE:** The second edition of O. P. Ferrell's RTTY guide is now available from Gilfer. This book is in the same format and layout of Ferrell's popular "Confidential Frequency List", but caters to the RTTY Utility DXer. The main listing is in ascending frequency order from about 4 to 28 Mhz. Over 4500 entries are listed in the main tabulation. At the end of the frequency listing, as in the CFL book, there is a CALL SIGN list in alpha-numeric order. This feature very helpful when you might be on the lookout for other frequencies for a given station using a common call sign. At the end is the "Z" code commonly used on military circuits and "ham" RTTY and MARS circuits. Following this is a useful explanation of Cyrillic forms used on RTTY and how to decipher some of the information that your "English" machine will print on Russian "TASS" and other news circuits. Ferrell starts the book off with two brief but very useful chapters on interpretation of RTTY signals/information as well as an explanation of the old Hellschreiber system still being used by the Red Chinese. All in all, a MUST HAVE book for the RTTY user and a companion to the Confidential Frequency List (CFL). Available from: Gilfer Associates, P. O. Box 239, Park Ridge, NJ, 07656 at a price of \$9.95 plus \$1.50 postage and handling. Tell them you saw it in SPEEDX! (Highly recommended.)

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**RTTY INTERFACE FOR IBM "PC":** Does anyone have any information on any hardware adaptable to the IBM Personal Computer, that will allow it to receive RTTY and ASCII radio transmissions? This SPEEDXer did not say if he wanted to build something or buy a ready made unit, but if you have info, send it here for inclusion in future issues.

\*\*\*\*\*  
**BAYOUTRONICS** (at your Editor's address above,) is gearing up for taking over the repairs for the venerable Barlow-Wadley XCR-30 receiver. The XCR-30 is the father of well known sets such as the FRG-7 etc. that used the famous "Wadley Loop" synthesizer system. Also available are several new or near new XCR-30 receivers being gone over by your editor. These are "seconds" and have slight faults that will not impair their utility. Only a few at a bargain price. If you are interested in having a piece of SW history, write to Bayoutronics for information.

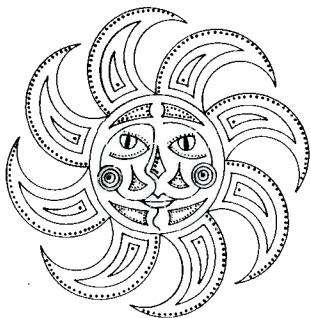
\*\*\*\*\*  
**RTTY INTERFACE FOR SINCLAIR\*TIMEX:** Receive only version now undergoing testing here and at the station of NU4V. Results so far very, very promising. I have not gotten my prototype working as of yet due to a blown INS8250 chip. Hope to have it up and running by the time you are reading this. May have prices and availability next issue. Bear with us. it has to be right before we release it. Watch this column for more info.

\*\*\*\*\*  
**CW READER** for Sinclair still available from METCO, 313 Vaughn, Ft. Walton Beach, FL. 32548. Cliff has had a large response for the units, so if you have ordered yours, please be patient, as he is filling orders as quickly as possible.

\*\*\*\*\*  
**FOR SALE:** From local SWL's "shack": one near new Kenwood R-1000 receiver and a Drake SW-4 receiver. If you think you are interested, please send the editor (above address on masthead) a reasonable bid that will be passed on to the owner's widow for her consideration. Send SASE for a reply please.

\*\*\*\*\*  
**COMMENT:** Summer is definitely coming! I have a nasty buzzing line noise again! Hope it will not turn out to be like one of several years ago that wiped out all the weak signals! When sending in your suggestions, comments etc., please include a SASE if you want an answer direct from me. Out of country readers please send stamps of your country for 1 oz. Airmail postage. No IRC's please. See you all next month. Until then best of DXing.

*Sandy*



## SPEEDX Western Hemisphere

EDITOR THIS MONTH: CHRIS HANSEN, P.O. BOX 1226,  
NEW YORK, NY 10159 (212) 549-6613

!!!! NEW EDITOR, BEGINNING NEXT MONTH !!!!!

SEND JUNE LOGS TO: JOHN CEREGHIN  
P.O. BOX 119  
CHARLESTOWN, MD 21914

**Deadline: 12th**

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

/ MAY 1983 /

IN THIS MONTH, completing my tenth year of editing for shortwave clubs, I am extremely pleased (and somewhat relieved!) to announce that my replacement has been found. He is John Cereghin, of the address above. John has been an active SPEEDXer for several years, and has contributed frequently to this and other columns. I welcome John to the staff.

I AM NOT LEAVING THE STAFF, HOWEVER. SPEEDXers should remember that I will, in two months time or so, be writing a questions and answers column under the auspices of Art Getzel. It will be a bi-monthly production of one page or so. Do, then, send me any questions that you would like answered in these pages. I can't guarantee to answer every question posed, but I'll do my best. My address is above. In addition, I have volunteered to be John's back-up editor for Western Hemisphere. Therefore, if he, for any reason, cannot edit, I shall be back in this space, again, doing W/H.

I'D LIKE TO THANK EVERY SPEEDXer who has contributed to my column in the past 5 years +, and every SPEEDXer who has been a member in these past 5 years for supporting the club with their subscriptions and their contributions to the bulletin. I will continue serving SPEEDX as Vice President and a member of the Board until my term runs out and, if renominated and elected, in the future as well. Do remember that SPEEDX needs you as a member and a contributor.

IT SEEMS THAT NEARLY EVERY SPEEDXER EXCEPT ME HAS HEARD THE FALKLANDS. As I grow older, the number of things for which I would wake up at 4 AM grows smaller and smaller. I suppose one day this year or next, I'll find myself awake at 4 AM with a toothache or insomnia, or too many cups of coffee the night before, and I'll log them. In the meantime, I'm printing the Falklands loggings first this month, below, so that those of you who have still not logged them can do so. Do remember, however, that if you send a report you should be prepared for a long wait. They must be snowed under down under!

### FALKLAND ISLANDS

3958 \*0859 Falkland Islands Broadcasting Service, s/on w/ NA, ID, right to musical potpourri w/ various R&R selections. OM w/ frequent comments, TC's (they are still on GMT -3 hrs), and a couple of wx reports: "winds out of the NNW, cloudy, a little rain towards evening, hill fog, and a temperature of 14°C." Sounds like Los Angeles. IDed as "FIBS," complete with musical version of FIBS. Signal faded by 1010. (232-344@1010; 3/14. Stu Hall, CA)(0859; ham QRM worsened during mission; (I would hope that those of you out there who are ARO's could spread the word that the neighborhood of 3958 is important to us SWLs/DXers from about 0845-1015 GMT. That would be a public service. ch); 323; 3/29; Baxter, KS)(\*0900; s/on w/ BBC nx, Review of British Press from BBC, 3/20. Sheedy, CA)(0919-1040; Breakfast show w/ OM DJ, apologized for lack of nx from London, gave local wx. No ARO QRM until after 1040 (Rah, Rah, ARO's!!! ch); fr; 4/5. Hosmer, MI)(0955; ID @1000, brief nx items, wx, 352; 3/29. Jones, MS)(0900; 333; 3/12. Pimblett, AB)(0903; QRM from ARO on 3955 LSB (And a big Bronx Cheer to that ARO. ch) 3/23; Konen, WI)(0905; 323; 3/25. Witte, CA)(\*0859; strong after 0920 or so; s/on time will probably go to 0959 in April due to end of summer time, 222; 4/4. Lucas, CA)(\*0859; ID: "This is the Falkland Islands Broadcasting Station, broadcasting on (MW fqy) and 3958 kHz, Port Stanley." 333; 3/15. Stephany, NY)(0900; financial nx from BBC; 322; 3/29. Krist, VA)(0925; gd; 3/23. Parks, FL)(0945; 222; 4/5. Thunberg, PA)(0916; Penthouse magazine mentioned; 112; 3/29. Griffin, TX)(Yes, I understand there's an excess of men over women down there. ch)(0900; beaten to death by hams. (Boo, hiss! ch); 311; 3/15. Brenesal, FL)(0938; pr; 3/28, 4/1; Cereghin, MD)(0905; mostly rock mx, 342; 3/24. Welch, MA)

Whew! Seems as though it's better on the ECNA, but midwestern and western SWLs are also represented. The Falklands is now audible to all, not just to the keepers!



And now, remembering that all loggings without a language designation were heard in SS, or in PP if the station is Brazilian, I present my final (regularly scheduled) W/H:

/ S O U T H A M E R I C A /

/ A R G E N T I N A /

- 6120 0945 R. El Mundo, on before listed \*0900, 3-tone IS, into some type of DX-px; splatter from 6125 (222; 3/26. Cereghin, MD)  
6180 0758 R. Nacional, Mendoza, nifty SS R&R px, local ID/fqys (gd; 3/27 Sheedy, CA)  
9690t 0005 RAE, tlk in SS by YL on history of Gounod's "Faust" (443; 3/14. Peck, NY) (They've dropped this fqy for EE, but not for SS??? ch)(2330;353;3/13.Robichaud,NB)  
11710 0115 RAE, EE, ID, full'd by mx (433; 3/11. Valentine, CA)(\*0100; 333; 3/18.Cox,CA)  
15345 0045 RAE, SS/EE, 0100, into EE px, special for 1st anniversary of their capture of the Falklands; anc'd 11710 and 9690, hrd 11710 but not 9690; (353; 4/3. D'Angelo, PA)(2335; 444; 3/3. Roussel, NB)(0240; 354; 3/10. Famularo, NJ)(0115; 433; 3/26. Gunter, NC)(0100; 343; 3/18. Pimblett, AB)(Muzyka,NY;Gilster,NC;Fraser,MA)(Cunningham, OH)

/ B O L I V I A /

- 4650 2358 R. Santa Ana de Yacuma, YL DJ w/ romantic ballads, ID @0003, brief religious talk @0012, first noted 3/17. (fr; 3/19. Parks, FL)  
4870 0145 R. Paititi, tropical mx, nx, IDs by OM as "R. Paititi en Guayamarín." Amazonas absent due to Holy Thursday (gd; 4/1. Parks, FL)  
4935 0120 R. Norte de Montero, romantic ballads w/ IDs by OM between selections. Tropical absent (pr/fr; 3/22. Parks, FL)  
4945 0341 R. Ilimani, OM tlk, local mx, about equal in strength w/ Colosal (322; 3/29. Pimblett, AB)  
5954 1015 R. Pio XII, folklorica mx, drama, ID @1029 (322; 3/15. Tanaka, JAPAN)  
5974.5 1050 R. Nacional Cochabamba, national nx by 2 OMs, YL w/ ads for Cochabamba businesses, wiped out by Beijing IS @1058 (242; 3/25. Wilkins, CO)  
6105 \*1019 R. Panamericana, chime IS, s/on anmt, then folk mx and px: "Bolivia en antena." (444; 4/9. Stephany, NY)(1052; 333; 3/26. Konen, WI)(6105.8; 333; 3/18. Wilkins, CO)

/ B R A Z I L /

- 3325 0422 R. Liberal, px of ballads w/ OM ID @0425. Several long anmts @0446. Covered by UTE s/on @0456 (232; 3/11. Streeter, NY)  
4765 0335 R. Rural Santarem, OM w/ px of Brazilian pops and U.S. R&R mx, 0359 IDs, fqys and s/off (343; 4/4. Streeter, NY)  
4815 0327 R. Nac. de Tabatinga, EZL Brazilian vocals hosted by YL DJ, full ID (fr; 3/25. Parks, FL)(0345; 343; 3/19. Huffaker, MEXICO)  
4815? 0012 R. Caiari, noted over Tabatinga, ID by OM: "R. Caiari, este es ZYE???, onda curta, Porto Velho." KO-ed by Guatapuri s/on @0021 (pr; 3/4. Parks, FL)  
4825 0245 R. Mundial, OM w/ nx, ID, mx box IS. (pr; 3/25. Parks, FL)  
4835 0332 R. Nac. de Boa Vista, Radiobras national mx w/ electronic sound effects between stories, 0353\*; (gd; 3/25. Parks, FL)  
4915 0050 R. Anhanguera, OM w/ LAm mx, ID @0101 (433; 3/15. Berri, CA)(\*0800; 343; 3/19. Pimblett, AB)(0815; 343; 3/19. Huffaker, MEXICO) Wilkins,CO)  
4925 0105 R. Dragão do Mar, Brazilian pop mx, jingle, 0259\* in mid-song (343; 3/3. /  
4955.5 0930 R. Marajoara, Brazilian vocals, TC for 6:30 (343; 3/5. Wilkins, CO)  
4965t 2228 R. Soc. Triangulo Mineira, A Voz do Brasil, tentative local ID by OM @2230; (pr; 3/17. Parks, FL)  
4965 2258 R. Alvorada, A Voz do Brasil, mixing w/ Santa Fe, ID @2259 (pr; 3/17.Parks,FL)  
5015 2323 R. Copacabana, educ. px, ID @2328: "R. Copacabana, onda media ZYJ452, São Goncalo, onda tropical, ZYJ680, 5015 kHz, en Rio de Janeiro." (fr; 3/30. Parks,FL)  
5027 0758 R. Jornal Transamazonica, px of Brazilian pop mx, lots of OM talk (353; 3/21. Streeter, NY)  
5045 0240 R. Cultura do Pará, continuous Brazilian mx (433; 3/17. Stone, ON)(0258\*; 333; 3/14. Worob, TX)  
6000 0820 R. Inconfidência, OM, Brazilian mx (333; 3/28. Hotaling, NV) Streeter,NY)  
6015.2 0826 R. Clube de Pernambuco, Brazilian pop mx, ID, ads, slight het (242; 3/21. /  
6020 0917 R. Universo, OM ID: "00000-niverso, uma voz ... e poderosa, transmitindo para o mundo." Shouting pastor giving road-tour itinerary, wiped out by RN/Bonaire s/on @0928 (353; 3/26. Wilkins, CO)(0907; 322; 4/2. Cunningham, OH)(0650' 322; 3/25. Hotaling, NV)  
6105t 1208 Ceara Radio Clube, OM tlk w/ mx off and on from 1200. Several tentative IDs (323; 3/25. Worob, TX)  
9675 2250 R. Marumby, mx, cmt, ID @2315 (454; 3/12. Roussel, NB)  
11780 0018 R. Nac. de Amazonia, OM tlk, mx, ID (444; 3/13. Worob, TX)(0015; 444; 3/26. Valentine, CA)  
11866 0323 R. Clube de Pernambuco, 0355\*, Brazil mentioned @0323, ID by OM, 0352 back after f/out. Some QRM from BBC 11865 (pr/fr; Kazaross, RI)(Great to welcome you back to the Northeast, the land of seasons, the land of tans only in the summer!ch)  
11925 0025 R. Bandeirantes, jingle for station, pop mx, R. Portugal is co-channel, so beware. (423; 3/14. Peck, NY)

B R A Z I L -- (continued)

- 15190 0115 R. Inconfidência, replaying highlights of soccer game on post-game show; //6000 (222); (444; 3/17. Pimblett, AB)
- 15215 2233 R. Timbira, long series of taped promos at tune-in. IDs, etc., to 2258 WYFR s/on (333; 3/6. Cunningham, OH)
- 15290 0230 R. Nacional, EE, OM w/ mx, ID, s/off (455; 4/6. Fisher, WI)(0200; interview w/ BBC rep. visiting Brasília; 544; 3/18. Weikel, MI)(Addison, KS; Demmitt, PA; Valentine, CA; Stanley, AZ; Peck, NY; Worob, TX; Grosvenor, CA)
- 15415 2340 R. Clube Ribeirão Preto, ads w/ singing OM, tlks (333; 4/7. Griffin, TX)
- 15445 0223 R. Nacional, 2 excited OMs, covering soccer (454; 3/18. Pimblett, AB)(0020; 444; 3/26. Hotaling, NV)(Griffin, TX; Cox, CA)
- 17830 0200 R. Nacional, EE, ID, mx, nx, cmt on natural gas in Brazil; (353; 3/10. Claytor, MI)(\*0200;444;3/17.Cox,CA)(0216;444;3/22.Gilster, NC)

C H I L E

- 6150 0037 Radio Nacional de Chile, usual futbol w/ many ads, // 15150 (433; 3/27. U1-mer,LA)
- 15140 0300 Radio Nacional de Chile, Suzuki Noticias (444; 3/19. Pimblett, AB)
- 15150 0100 Radio Nacional de Chile, mx, Suzuki ad (there're those Suzuki's again -- do you suppose the Hell's Angels have taken over? ch)(444; 3/17. Weikel,MI)(0135; 444; 3/17. Preston, CA)(2028; 353; 3/5. Rising, CA)(0000; 433; 3/13. Hotaling,NV)(Griffin, TX; Valentine, CA; Worob, TX; Lord, CA; Schlesinger, TX; Grosvenor,CA)

C O L O M B I A

- 4845 0310 R. Bucaramanga, SS/EE, EE lessons by OM, full ID (gd; 3/10. Parks, FL)
- 4865 0230 LV del Cinaruco, relaying CARACOL earthquake reports, requests for assistance, Presidential messages. CARACOL stations were working together during this time (Super, Ondas del Meta, R. Colosal were all in //)(4/1. Cereghin, MD)(0320; 333; 3/3. Gilster, NC)(0250; 433; 3/18. Stone, ON)
- 4875 0449 R. Super de Medellín, "Intermedio" px of nx/opinion; ID @0452, into mx (354; 4/8. Stephany, NY)(0315; 343; 3/13. Gilster, NC)
- 4875 0412 LV del Norte, px of lively LAM mx, full ID @0444, foll'd by NA and 0447\*. About even w/ Super (322; 3/23. Streeter, NY)
- 4885 0350 Ondas del Meta, continuous mx w/ TCs between selections, one full ID: "En dire, Ondas del Meta, desde Villavicencio, HJ BX 1200 kHz, onda larga, 4885 kcs onda corta" (444; 3/27. Stephany, NY)(4883; 242; 3/13. Schlesinger, TX)(0535; 3/23. Witte, CA)
- 4915 \*1003 Emis. Armonías del Caquetá, folk mx to 1009, s/on anmt w/ bells, no SW power mentioned, more mx (343; 3/12. Stephany, NY)
- 4945 0452 R. Colosal, LAM mx, OM w/ CARACOL ID, tlk, ads, mx (343; 4/3. Preston, CA)(0620; 443; 3/28. Tilley, CO)(0130; 433; 3/30. Langlois, GA)
- 4965 0300 R. Santa Fé, regular LAM mx px on the day of the earthquake; no special nx or info like the CARACOL stations had (333; 4/1. Cereghin, MD)(0524; 544; 3/12. Tilley, CO)(0616; Santa Fé spoken over each mx selection at least once; 433; 3/26. Drollinger, WI)(0522; 232; 4/3. Preston, CA)(0520;423;3/19.Grosvenor,CA)
- 4975 \*0959 Ondas del Orteguzá, UTE gone! s/on anmt: "Muy buenos días, Ondas del Orteguzá, Emis. oficial del Iquitos del Colombia, transmitiendo en las frecuencias onda larga HJAU, 1160 kHz onda larga, HJQA 4975 kHz, y. F.M. 91.7 MHz, transmitiendo para Colombia y el exterior." (444; 4/5. Stephany, NY)(1007; 333;4/4.Streeter, NY)
- 5040 0501 R. Cinco, ID, fqys, (433; 3/29. O'Dell, AR)(1030; 232; // er,NY) 3/21. Schlesinger, TX)
- 5095 \*0900 R. Sutatenza, OM w/ ID, nx, CW QRM (323; 3/28. Cox, CA)(0118; 434; 3/13. Worob, TX)(0310;343;4/1.Cereghin,MD)(1102;333;3/24.Thompson,CA)
- 5955 0435 LV de los Centauros, mx w/ OM anmts, s/off anmts, HJ NA and 0501\*; (311; 3/19. Stephany, NY)
- 5974 0909 R. Macarena, new Colombian on SW here, typical HJ campo/folk vocal mx, OM DJ between selections. Member of Todelar net. "Somos R. Macarena, la emisora de los llaneros, HJKT, 1080 kHz, HJHZ, 5975 kcs banda internacional de 49 metros." At 1000, Todelar net nx, fqy. drifted downwards towards 5973 (333; 3/30. Cunningham, OH)(1050; many IDs/TCs; 353; 3/30. Jones, MS)(0913; 443; 4/4. Streeter, NY)
- 6065 0948 R. Super de Bogotá, usual LAM mx, fairly good signal (322; 4/1. Cereghin, MD)(1138; 352; 4/1. Griffin, TX)
- 6115 0552 LV del Llano, numerous TCs, IDs, full ID @0600 (433; 3/25. Drollinger, WI)(0823; 434; 3/27. Konen, WI)
- 6150 0635 LV del Huila, mx px, OM ancr (433; 3/28. Tilley, CO)
- 11793 1758 Radiodifusion Nacional de Colombia, classical mx, no ID 'til 1810, QSB. (343; 3/13. Schlesinger, TX)(0000; 433; 3/21. Langlois, GA)(2315; 444; 3/25. Hill, TX)
- 15335 0130 R.dif. Nacional de Colombia, opera mx (151; 3/20. Fraser, MA) // SC)

E C U A D O R

- 3220 0326 HCJB, 2 OMs discuss LAM situation, mention the "Banco Comercial" several times. ID @0330 (222; 3/14. Drollinger, WI) 3/29. Parks, FL)
- 3240 0008 R. Cult. Antena Libre, OM DJ w/ nondescript LAM pops, full ID @0030; (fr; /
- 3325 0355 Ondas Quevedefas, LAM pops, IDs, DJ chatter by OM (pr/fr. 4/1. Parks, FL)

MY ALLERGIST/DOCTOR HAS DISCOVERED THAT I AM POSSIBLY ALLERGIC TO ARKIE/BLACKIE! HORRORS!

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

- 3381 0329 R. Iris, automated mx px w/ no anmt to s/off by OM @0359. Ment. of "R.dif. Ecuatoriana" then NA to 0404\*, and Malawi IN (I wouldn't know about that -- that isn't my department! ch)(343; 4/8. Stephany, NY)(0356; 333; 3/30. Pimblett, AB)(0320; 333; 3/30. Streeter, NY)(1121; 454; 3/14. Wilkins, CO)
- 3394.5 0410 R. Zaracay, OM/YL w/ songs and talk, apparently by same YL. Frequent IDs: "Esta es R. Zaracay, la voz de Santo Domingo de los Colorados, en la República del Ecuador." (333; 3/19. Streeter, NY)(0240; ads for "Banco de Famento" and ID as above; 453; 4/8. Stephany, NY)
- 4656 0250 CRE, om ID, mx (433; 3/3. Stone, ON)(1144; 242; 3/21. Schlesinger, TX)
- 4795 0250 LV de los Caras, px of ballads, OM w/ ID/fqys @0259, 0300\* (322; 3/30.
- 4851 0156 R. Luz y Vida, OM tlc, mx (322; 3/12. Worob, TX) /////  
Streeter, NY)
- 4870 \*1018 R. Rio Amazonas, NA, indigenous fluts, HC mx to 1030 ID in language; (322; 3/22. Wilkins, CO)
- 4890 1112 R. Centinela del Sur, "Dust in the Wind" (EE pop), then SS vocals to 1131; (333; 3/26. Wilkins, CO)
- 4920.3 0435 R. Quito, long talk by OM on the Pope's impending visit to Cam. ID, many Banco Popular ads throughout. Final ID/voice over the Indian Love Call (You know, Jeanette MacDonald and Nelson Eddy (I think?) ch) The person who whistles this for R. Quito is quite accomplished. (333; 3/2. Palmer, WA)
- 4977 1053 R.dif. Tarqui, px in progress, ID just before NA @1100, into nx w/ ments. of "R. Puyambaro" (maybe name of px or slogan), one ID w/ fqys, tnx Lazarus for help in IDing (433; 3/31. Jones, MS)
- 4996 0320 R. Baha'i, SS songs, ID @0330 (343; 3/12. Roussel, NB)
- 5050 \*1011 R. Jesus del Gran Poder, NA, s/on w/ no-data ID, 1035 full ID+address; (333; 3/18. Wilkins, CO)(1000; 453; 3/11. Hesch, NY)
- 6065 0510 HCJB, EE, religious px (323; 3/30. Burrows, MI)(Religious px, yes, but what exactly was it?? We are all interested in details about what you have heard, and they help us to better identify what we're listening to! ch)(This is not a rebuke of the reporter, only a comment to brighten up your DX day, hi! ch)(0630; 555; 3/22. Hull, WA)
- 9745 0700 HCJB, EE, musical mailbag, Happiness is...(fr; 3/19. Koehler, IL)(\*0200; DXPL w/ SPEEDX Report; 444; 3/12. Cox, CA)(0630; Clayton Howard uses Heathkit transceiver, FRG7, ICF-2001; 444; 3/29. Forrest, CA)(Tilley, CO; Mathew, MA; Krist, VA; Fraser, MA; Fisher, WI)
- 11810 0545 HCJB, talk in Slavic language by YL w/ EE s/off (353; 4/8. Munster, GA)
- 11910 0601 HCJB, EE, "Perspectives," new fqy, down from 11915. (555; 3/20. Brewer, AR)
- 11925 0725 HCJB, EE, Musical Mailbag, (333; 4/9. Polsgrove, ??)
- 15115 2332 R. Nacional del Ecuador, OM/YL w/ end of nx px, ID for 640 kHz MW, into px on Cuban poetry (What does rhyme with Castro? I guess Fidel would be easier to use ! ch)(454; 3/12. O'Dell, AR)(0023; px about Ecuadorian farmers; 454; 3/5. Robichaud, NB)(2300; 433; 3/8. Hesch, NY)
- 15155 0103 HCJB, EE, SAm financial nx (534; 3/15. Somers, CA)(0037; a px titled "Wrath of God!" (Sounds scary! Do they give "Love of God" equal time??? ch) 444; 4/6. Mathew, MA)(0210; 454; 3/6. Hesch, NY)(0035; 545; 3/23. Robinson, TN)(0230; DXPL, 555; 3/13. Krist, VA)(0230; Clayton says he's been at HCJB for 40 years now; 455; 3/29. Hosmer, MI)(0230; 555; 3/20. Wieboldt, FL)
- 15295 2130 HCJB, DXPL, (433; 3/21. Krist, VA)(2200; EE/JJ; 333; 4/7. Herr, CA)
- 17890 1430 HCJB, EE, Through the Bible px (444; 3/11. McCants, AL)
- 21477.5 2130 HCJB, EE, DXPL, (454; 3/14. Krist, VA)(2130; 444; 3/7. Hill, SC)

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

- 3385 0938 FF, OM tlc, // 5055 (232; 3/5. Pimblett, AB)(0925; 333; 3/26. Konen, WI)
- 5055 0920 FF, LAm mx px, (333; 3/26. Konen, WI)(2320; 322; 3/16. Famularo, NJ)(0910; local pops, or Devil's Island Disco; 242; 3/14. Schlesinger, TX)

G A L A P A G O S I S L A N D S / -- LV de Galápagos

- 4810 2355 LAm ballads, full ID @0000 and into religious talk by OM. Big signal. (gd; 3/14. Parks, FL)

G U Y A N A / -- GBC

- 5950 0355 EE, end of phone-in show. S/off w/ NA, pledge of allegiance, 0403\*; (232; 3/20. Gilster, NC)(1000; 322; 3/27. Hosmer, MI)(0120-0303\*; 343; 3/28. D'Angelo, PA)(0900; 322; Wilkins, CO)(1041; 222; 3/21. Schlesinger, TX)

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

- 9735 0025 Futbol match w/ very excited OM, scores and highlights interspersed w/ Big Band mx. S/off w/ NA and many IDs. Beautiful signal. (444; 4/7. Thunberg, PA)(0307\*); (0000; 322; 3/30. Evans, TN)(A report was sent for 11915, but I am unsure whether it is still on!!! 0046; 322; 3/22. are the details. ch)

P E R U

- 3330t 1113 Ondas del Huallaga, huaynos, OM ancr, mixing w/ CHU (222; 3/14. Wilkins, CO)
- 3800 1026 R. Esmeralda, huaynos, OM tlc, TCs, IDs (232; 3/8. Tanaka, JAPAN)
- 4755 1005 R. Huanta, mx, tc, ID: "RH del Perú" (252; 3/31. Jones, MS)

PERU -- (continued)

- 4790 0600\* R. Atlántida, s/off by OM, NA, 0604\* (343; 3/20. Wilkins, CO)(0600; music tends to be more modern Peruvian selections than older traditional ones; 343; 3/1. Palmer, WA)(0440; 342; 3/23. Rising, CA) Stephany, NY)
- 4810 \*0930 R. dif. San Martín, vocal NA; s/on amnt by OM, mx, px w/ OM host. (242; 4/5./
- 4854 1039 R. Pampas, surprisingly good, w/ Andino pops, frequent IDs. (333; 3/14. Schlesinger, TX)(4854.3; 1015; 3/25. 222; Wilkins, CO)(1054; pr/fr; 3/12. Parks, FL) (\*1003; 333; 3/7. Tanaka, JAPAN)
- 4922? ??? Ondas del Titicaca, huaynos, saludos and/or messages, OM amnt, VLM4 QRM (222; 3/14. This report is almost useless without the time -- I print it because you might hear it if you listen after 0945 GMT, according to the WRTH. Do try to remember to fill the forms out fully. ch)
- 4996 \*1000 R. Andino, s/on w/ huayno mx, 1003 OM ID: "OAZ4?, 1?00 kcs onda larga, OAZ4C 4995 kcs onda corta, transmite R. Andino desde Huancayo, Junín." Ecos Andino px. (322; 3/19. Tanaka, JAPAN)
- 5030 \*0900 R. Los Andes, NA, YL s/on, px "Buenos Dias, Peru," w/ Andean kHz, huaynos, ad string w/ Inca Kola ad (343; Wilkins, CO)(0906; ID: "5030 kHz, de Los Andes Radio, transmitiendo desde Bolívar 529 en Huamachuco, Perú." Clear at first, YV slowly faded up; 343; 3/21. Streeter, NY) Streeter, NY)
- 5045 0358 R. Rioja, OM tkl, foll'd by 'Happy Birthday' in EE. 0405\*; (242; 3/23. /
- 5060 0020 R. Amazonas, lots of shouting by OM, seemed to be a political rally (gd; 3/14. Parks, FL)
- 5111.8 0410 R. Eco, in 1½ hrs listening heard ID twice, Iquitos once. Most untypical Peruvian ever heard. Heard below ground level w/ slinky dipole stapled to ceiling of cellar (444; 3/1. Palmer, WA)(1040; job openings; 333; 3/15. Wilkins, CO) (1013; 333; 3/26. Konen, WI)
- 5617 1205 R. Ilucan, talk px w/ 2 OMs, fading away rapidly. Not exactly a VOA-strength signal (232; 3/13. Schlesinger, TX)
- 6189 \*1035 R. Oriente, NA, Buenos Dias, "R. Oriente, desde Yurimaguas, Perú." Mixture of Peruvian and LAM pop mx (343; 3/24. Jones, MS)
- 6194.6 0952 R. Cuzco, huaynos and other ballads, no amnts save canned jingles after each song; 1048 BBC-Antigua carrier demolished it (333; 3/26. Wilkins, CO) MS)
- 6724 0328\* R. Satellite, just in time to hear ID by YL, short NA, off (252; 3/14. Jones,

SURINAME --SRS

- 4850 0405 Dutch, OM DJ, lots of EE pop mx. ID, s/off amnt, NA, 0431\*; (444; 3/9. Manning, TX)(0252; 353; 3/13. Gilster, NC)(0422; 344; 3/20. Weikel, MI)(0300; 423; 3/25. Tilley, CO)

URUGUAY -- R. El Espectador

- 11835 1100 ID: "Transmite CX14, El Espectador, desde Montevideo, en la República Oriental del Uruguay." Nx. (Wilkins, CO)

VENEZUELA

- 3225 0349 R. Occidente, just caught the YL NA, so presume this is the one, 0350\*; (222; 3/30. Pimblett, AB)(0318; 333; 3/9. Gilster, NC)(1005; "Corresponsal Campesino." Farm nx, Dept. of health tkl on insecticide poisoning; 443; 3/18. Mahoney, FL)(0330; 333; 3/20. Gunter, NC)(0356; ID, talk: "Venezolanos y non-venezolanos, vamos escuchar la canción de la patria!" 0357\*; 454; 3/20. Robichaud, NB)
- 3275 0343 R. Mara, LAM pops, occasional ID, s/off 0358; (222; 3/22. Konen, WI)(0351; 0353\*; 232; 3/30. Pimblett, AB)
- 3395 0307 R. Universidad, ads, ID by YL, LAM pop mx (433; 3/14. Jones, MS)(2345; gd; 3/29. Parks, FL)(\*1002; ID: Esta es R. Universidad, emisiones YVOK 1160 kcs onda larga, YVQJ 3395 kcs onda corta. R. Universidad, la emisora primera," exc. to Zaracay s/on @1018; 354; 3/15. Stephany, NY)(Excellent report!!! ch)
- 4770 1012 R. Mundial Bolívar, LAM vocals, OM ancr, IDs as R. Musical de Venezuela; (433; 3/24. Thompson, CA)(0939; 333; 3/20. Drollinger, WI)(0325; 454; 3/5. Rising, CA)(0341, 353; 3/9. Gilster, NC)(0240; 433; 3/3. Stone, ON)
- 4780 0338 LV de Carabobo, mx, Tcs, frequent IDs, NA, s/off amnt (343; 4/5. Stephany, NY) (0204; 343; 3/7. Gilster, NC)(1036; 333; 3/10. Tanaka, JAPAN)
- 4800 0330 R. Lara, OM singing w/ tkl, garbled some by splatter; (434; 3/14. Worob, TX)
- 4830 0115 R. Tachira, ID, mx (333; 3/26. Fernanco, NY)(0251; px: "Buenos Noches, América!" "Un Minuto en la Vida de Simon Bolívar." 0358\*; 444; 3/15. Streeter, NY) (Another excellent report! Everyone watch this guy -- he's good! ch)(0345; 433; 3/23. Valentine, CA)(0925; 322; 3/26. Hotaling, NV)(0330; El Condor Pasa (That condor is just like Charlie on the MTA in that 50's song -- it never returns, but it never dies, either! ch); 343; 4/1. Weikel, MI)(0916; 444; 3/19. Huffaker, MEX)
- 4840 0101 R. Valera, OM tkl, ID @0101, into mx (322; 3/13. Worob, TX)
- 4900 1032 R. Juventud, OM w/ EE/SS pop tunes and Tcs after each. At least I know what time it was!; 332; 3/24. Thompson, CA)(0210; 555; 3/10. Raussel, NB)
- 4970 0100 R. Rumbos, OM ID, LAM mx (433; 3/5. Langlois, GA)
- 4980 0130 Ecos del Torbes, OM tkl, chimes, ID, LAM mx, "Ramona," by YM (young man??ch) (OK, I hear that! ch)(gd; 3/22. Witte, CA)(0205; 444; 3/29. Stone, ON)(0338; 433; 3/17. Grosvenor, CA)

V E N E Z U E L A -- (continued)

- 4990 0228 R. Barquisimeto, YL singing boleros w/ piano accompaniment (333; 3/27. Grosvenor, CA)(0207; 433; 3/29. Stone, ON)(1050; 443; 3/24. Thompson, CA)(0035; 534; 3/14. Berri, CA)(0249; see-saw fight w/ RSA on same fqy; 323; 3/9. Kerrigan, IL)(\*1000; 333; 3/28. Cox, CA)
- 5030 0223 R. Continente, LAm mx, ID about every two or three musical selections. (454; 3/25. White, KS) PA)
- 6180 1030 R. Turismo, lots of mx, ads for Pepsi-Cola, Banco República (343; 3/12. Coyle, PA)
- 9540 0125 R. dif Nacional de Venezuela, cmt about agriculture, ID @0130 (444; 3/6. Roussel, NB)
- 9620 0210 Catatumbo Internacional, Tangos de Buenos Aires, recorded live (isn't that a contradiction in terms??? ch) in a Buenos Aires hotel (222; 3/22. Mahoney, FL)
- 9660 2157 R. Rumbos, numerous TCs, 3 separate IDs, short feature on Simon Bolivar. (343; 3/25. Drollinger, WI)(1932; 232; 3/19. Schlesinger, TX)

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N O R T H A N D C E N T R A L A M E R I C A

A N T I G U A

- 5950 0530 DW, EE, fx (what's dem? Fxes? ch) about April Fool's jokes(444; 4/1. Talbot, WI)
- 6040 \*0100 DW, EE, Press Review, industrial pollution of the environment (444; 3/2.
- 6175 0230 BBC, EE, HG Wells drama foll'd by nx (454; 3/2. Gilster, NC) // Cox,CA)
- 9510 0520 BBC, EE, 24 Hours (555; 3/21. Karns, OK)
- 9545 0500 DW, EE, nx (555; 3/27. Piatelli, CA)
- 9590 0143 DW, EE, Microphone on Europe (544; 3/28. Somers, CA)
- 15410 0115 DW, GG, YL anc, mx, history of composition (544; 3/27. Salomon, ?)

B E L I Z E -- R. Belize

- 3285 0445 EE, pop mx, TC, nx, s/off, NA (323; 3/19. Manning, TX)(0310; 443; 3/14. Jones, MS)(0101; 232; 3/22. Schlesinger, TX)

C A N A D A

- 5960 \*0300 RCI, EE, nx, wx, a nostalgic look at train travel in Canada (444; 3/13. Krist, VA)(0300; 534; 3/21. Coutermarsh, VT)(0100;555;3/14.Muzyka, NY)
- 6005 1350 CFCX, Montreal, EE, numerous time checks, special sale at Cumberland Drugs (233; March; Drollinger, WI)(March, huh? Which 1/31st was that, hi! ch)(0700; 343; 3/8. Moman, AB)
- 6030 1804 CFVP, Calgary, EE, wx, ID as CFCN, Calgary (242; 4/2. Cornell, OR)
- 6070 1945 CFRX, Toronto, EE, talk show w/ Barbara Woodhouse on how to train dogs (Walkies!!!! Walkies, everybody!!! ch)(555; 3/23. Wimmers, VA)(2352; 433; 3/5. Drollinger, WI)(0828; 3/28. 222; Hotaling, NV)(Krist, VA; Demmitt, PA; Coyle,PA)
- 6120 0100 BBC, EE, "Waveguide" interview w/ ITU official (444; 3/29. Hosmer, MI)
- 6130 1705 CHNX, Halifax, nx, "Electric Lunch Hour"; ads for paint and onions; (All we need now is Les Nessman with the hog belly futures. ch)(252; 3/14. Coyle, PA)(1900; "Nova Scotia Weekend" (I spent a month one week...oh, no! I'd better not malign old Novy. ch); 333; 3/25. Famularo, NJ)
- 6160 0800 CKZU, Vancouver, EE, nx, (443; 3/27. Herr, CA)(0735; 444; 3/27. Speer, CA)(0500; 312; 3/14. Berri, CA)
- 6160 0950 CKZN, St. Johns Nfld., EE, wx, talk about life and times of Knute Rockne; (242; 3/31. Jones, MS)(0928; iceberg notices; 232; 3/8. Pimblett, AB)(Yes, the anniversary of the sinking of the Titanic was last week. ch)
- 6195 0415 CBCNQSWS, EE, New Wave mx, DJ program noted (454; 4/4. Breville, MO)(0600; 344; 4/3. Preston, CA)(0505;434;3/14.Berri,CA)(0600;444;3/24.Valentine,CA)
- 9535 0200 RCI, PP, for Brazil (544; 3/24. Stone, ON)
- 9625 2239 CBCNQSWS, relay of CBC-Frobisher Bay. Woman's group wants video games put in mining camps, profits to go to charity (Not Custer's Last Stand, I trust! ch)(333; 3/25. Drollinger, WI)(2205; 333; 3/23. Manning, TX)
- 9640 2245 CBCNQSWS, EE, nx from CBC, Frobisher Bay; (434; 4/6. Fisher, WI)
- 9755 0430 RCI, EE, cattle prices go up (543; 4/9. Polsgrove, ?)(0330; 3/13. Karns,OK)(\*0200; 444; 3/13. Cox, CA)(0100; 444; 4/1. Langlois, GA)(0106; 555; 4/4. Demmitt, PA)(0100; 545; 4/10. Herr, CA)(0100; 454; 3/22. Opitz, VA)
- 11720 1510 CBCNQSWS, EE, tk about religious persecution of Ethiopian Jews (554; 3/13. Peck, NY)(2104; 444; 3/13. Krist, VA)(2204; 333; 3/13. Korn, OK)
- 11945 \*2129 RCI, EE, SWLD, "Moscow Muffler" reviewed by Larry Magne (444; 3/19. Krist,VA)
- 15150 2140 RCI, EE, SWLD (555; 3/5. Stone, ON)
- 15260 1920 RCI, EE, mx, fqys, 1928\* (555; 3/10. Schroeder, WI)(1930; 444; 3/27. Langlois, GA)(1700; 544; 3/13. Hill,SC)
- 15325 2200 RCI, EE, item about how striking teachers (in Québec) may not be tried as the law forbidding it was probably illegal since it was not written in English and French (Sacre Bleu! Triples Idiots! Nom du Chien! ch)(454; 3/24. Opitz, VA)(Addison, KS; Schroeder, WI)
- 17820 2140 RCI, EE, mx (333; 3/8. Addison, KS)(1825; discussion on natural pain killers in the human body (I'll have a double, barkeep! ch); 555; 4/3. Demmitt, PA)(1500; 353; 3/13. Kraser, MA)(1700; 555; 4/5. Herr, CA)

CANADA -- (continued)

- 17875 2015 RCI, EE, Canadian scientist would like to meet Russian scientist in the Arctic (M, 35, 150 lbs., good-looking, interested in auroral studies, wants to meet Russian, good-looking, with interest in same. Object: joint paper in Science. ch) (555; 4/8. Polsgrove, ??)(\*1900; 444; 3/13. Krist, VA)(1900; colorful Canadian money (Yes, I love the idea of different colored money, but I guess we Americans are too interested in green. ch); 544; 4/3. Demmitt, PA)(1902; 454; 3/6. Schlesinger, TX)(2340;555;3/20.Karns,OK)
- 21695 1730 RCI, FF, nx (455; 353; Langlois, CA)

COSTA RICA

- 4832 1212 R. Relej, excerpts from Pope's speech (343; 3/3. Wilkins, CO)
- 5953 0300 R. Casino, songs, ID @0305 (332; 3/14. Roussel, NB)
- 6005.9 0611 R. Relej, mx to 0600, then "Ave Maria" (323; 3/12. Herr, CA)
- 6073.4 1113 R. Rumbo, ranchera mx, ads, (222; ???; Wilkins, CO)
- 6175 \*1050 TIFC, Faro del Caribe, NA, s/on, ID: "Esta es TIFC, Faro del Caribe, emisora cultural y cristiana también, desde San José, capital de Costa Rica. Emisiones a nuestra país, correspondiente a exterior 1080, onda larga, 6175 kHz, banda internacional de 49 m., 9645 kHz, banda internacional de 31 m., 5055 kHz, banda tropical de 60 m., y 97.1 MHz FM, (address/phone nos.);" then morning prayers (333; 4/9. Stephany, NY)

CUBA

- 6115 0000 RMoscow, EE, Mailbag, (454; 3/13. Fraser, MA)
- 9525 0315 RHC, EE, YL/OM cmt, film festival was topic (333; 3/19. Cox,CA)(0400; 444; 3/10. Wettersten, OH)(0116; 555, 3/12. Coutermarsh, VT)
- 9545 0115 RHC, EE, cmt, Neo-Nazis (444; 3/25. Langlois, CA)(0130;444;3/12.Addison,KS)
- 11760 1800 RHC, nx (433; 3/21. Valentine, CA)(0320; 323; 3/12. Manning, TX)(1700; 555; 3/16. Stein, NJ)(0450; 555; 3/27. Piatelli, CA)
- 11840 2002 RMoscow, EE, World Service, world nx; this could be the first time ever that a book-publishing in Kabul made international headlines! (No, there was a time back in 1932...hi! ch)(554; 3/6. Schlesinger, TX)(2105; 444; Tilley, CA)
- 11950 1715 RHC, nx, ID (444; 3/5. Langlois, GA)
- 14230 2210 RHC, "Cuba Campesino" px, ancd 14230 @2230 (555; 3/22. Huffaker, MEXICO)
- 14735 1504 RHC, Fragmentos del Discurso del Fidel Castro (The 'fragmentos' probably went two or three hours or so. ch)(333; 3/18. Stein, NJ)
- 17690 1702 RHC, FF, nx, 1921\* suddenly (Not suddenly enough, I'll bet. ch)(333; 3/16. Stein, NJ)(1910; 444; 3/16. Addison, KS)(1547; 555; 4/5. Herr, CA)
- 17760 1620 RHC, EE, mx (333; 3/4. Addison, KS)

DOMINICAN REPUBLIC -- R. Clarin

- 11700 0333 Caribbean mx (444; 3/19. Grosvenor, CA)(1934;433;3/19.Schlesinger, TX)

GRENADE -- R. Free Grenada

- 15045 0026 EE, long anti-American comment by OM (242; 3/25. Cunningham, OH)(White, KS) (Pimblett, AB; Gilster, NC; Hosmer, MI; Coutermarsh, VT; Drollinger, WI; Hill,SC) (Thunberg, PA; Coyle, PA; Langlois, GA; Famularo, NJ; Peck, NY; D'Angelo, PA; 2110 EE, 2115\* after mx (333; 4/8. Leeman, RI) // Fisher,WI)

GUATEMALA

- 3360 1233 LV de Nahuala, Guatemalan pops, w/ OM, f/away rapidly. I'm more interested in getting Milne Bay; (332; 3/12. Schlesinger, TX)(I'm more interested in getting Veronica Lake, myself, hi! ch (Oh, sorry, that was bad, wasn't it!))
- 3380 0215 R. Chortis, mx (353; 3/13. Jones, TX)
- 4825 0229 R. Mam, marimba mx, then final amnt: "R. Mam, Cabrican, Guatemala, Centro-america." (222; 3/1. Palmer, WA)(0125; 322; 3/29. Thunberg, PA)
- 4835 0205 R. Tezulutlan, Indian language, campesino mx, 0225\* abruptly (443; 3/26. Mahoney, FL)(0057; 333; 3/13. Worob, TX)
- 6090 0210 Adventist World Radio, EE, px "The Story Hour." Awful reception, ID by OM @ 0230. (I believe they're having some sort of mechano-electrical trouble. ch)(121; 3/11. Stephany, NY)
- 6180 1120 LV de Guatemala, OM running usual xylophone seminar. I wonder what Punk Marimba sounds like? (Punk Marimba -- didn't he star in the Rocky Horror Show??? Or was it Pink Flamingos... ch)(444; 3/21. Schlesinger, TX)// 3/13. Schlesinger, TX)
- 9760 1807 LV de Guatemala, soccer game, w/ usual caterwauling...good reception (443; /

HONDURAS

- 3249.5 0344 R. Luz y Vida, OM amnt, foll'd by continuous mx. 0413\* in middle of NA (And the rockets' red ..... ch)(232; 3/20. Screeter, NY)(0406; 343; 3/20.
- 4780 1154 R. Juticalpa, local mx w/ OM, several IDs. Some machine-copy // Robichaud,NB) QRM (333; 3/14. Schlesinger, TX)
- 4820 0445 HRVC, LV Evangelica, EE, px, mx, s/off amnts (353; 3/7. Rising, CA)(0447; 444; 3/27. Speer, CA)(0302; 353; 4/4. Starr, GA)(0300;333;4/4.Lipman,NY)(0450; 433; 3/16. Brewer, AR)(0009;444;3/13.Karns,OK)
- 4890 0051 R. Lux, local mx, some ARO QRM (333; 3/22. Schlesinger, TX)

ONLY ONE MORE PAGE AND I'M FREE AT LAST!!! (NOT REALLY)

H O N D U R A S / -- (continued)

6000 \*1057 Eco de Honduras, anthem, short devotional px, ID as "R. Variedades." (343; 3/24. Jones, MS)(\*1100; "La Esperanza" rel talk, ID @1180: "Desde Tegucigalpa; Variedades Radio, 1180 kHz onda media, y El Eco de Honduras en San Pedro Sula, 6000 kHz banda de 49 metros onda corta, Cadena Z, la nueva comunicaci3n nacional." 444; 3/12. Stephany, NY)(Egad, Nolan! You've surpassed yourself this month! Please keep reporting, and keep reporting those great IDs! ch)

M E X I C O

2390 1225 R. Huayacocotla, indigenous fiddle mx, very interesting (242; 3/5. Wilkins, CO)  
6020 1239 XEUW, Veracruz, OM talks, ads to 1259, ID XEU (222; 3/26. Wilkins, CO)  
6105 \*1128 Su Pantera, XEQM, NA 1130, full s/on by OM, then into mx w/ frequent panther snarls and electronic "Charge" tune, full ID again @1200 (344; 4/7. Stephany, NY) (0420; 0501\*; 433; 3/26. Mahoney, FL)(1214; 433; 3/30. Griffin, TX)(1200; 343; 3/26. Wilkins, CO) Schlesinger, TX  
6165 1242 LV de Am3rica Latina, mostly tlk, lots of noise, no /fs heard (443; 3/16. /  
6185 0835 R. Educaci3n, segued light jazz piano, quick IDs every .15 mins. or so. (gd; 3/27. Sheedy, CA)

M O N T S E R R A T / -- DW Relay

9545 0139 EE, GG lessons (544; 3/13. Wieboldt, FL) Pimblett, AB)  
11965 0315 GG, tlk, off air relay of 6100, as VVTO came through very well (333; 3/19. /

I OBVIOUSLY DON'T HAVE ENOUGH ROOM TO DO ALL OF THE NETHERLANDS ANTILLES, U.S.A., AND CLANDESTINE BROADCASTS HERE -- so I refer you to April's exhaustive listing of these areas.

NICARAGUA was represented this month mostly by 6120 from 1100-1300 approximately. R. Zinica, of course, was the main attraction -- one reporter reports jamming!

NETHERLANDS ANTILLES has 3 additional Radio Netherlands frequencies listed, 15220 @2120, 17695 @2030, and 21685 @\*2030. All other frequencies reported were also reported last month, so refer there.

NOTHING MUCH NEW IN U.S.A., SO GO BACK TO APRIL FOR DETAILS.

THE USUAL CLANDESTINES, R. Venceremos on 6210 @0352, 6208 @0014; LV de Nicaragua Libre on 6225 @0017, 0356; 5750 @0308; R 15 de Sept. on 6511 @0332, 6510 @0228, 0320, 0510; 7000 @0500; LV de Sandino on 6224 @0336, 1127, 0322, 0427, 6225 @0438; all the usual fgy.s of LV del CID, and an UNIDED clandestine on 5060 @0210 talking about the "Sandinist dictator" (in SS).

\*\*\*\*\*

Well, here I am, wrapping up 10 years of my life in a third of a page. I am deeply grateful to Ollie Ellsworth for "hiring" me and putting up with my "learning" pangs as I get used to doing a Western Hemisphere column. I am grateful to Don Johnson (as much as I rib him in private), and John Trautschold, past and present Presidents of SPEEDX, for their help and support.

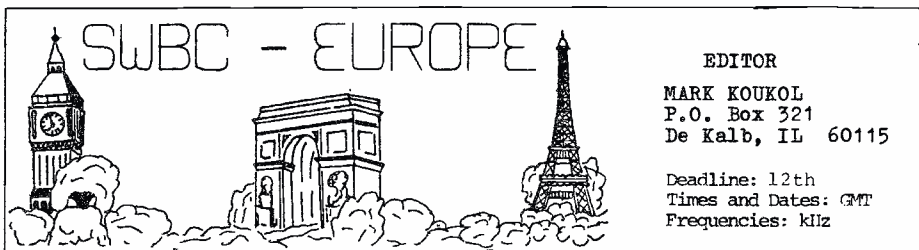
I am, in the last analysis, very grateful to you, SPEEDXers, for putting up with my ribbing, my prodding to better reporting habits, and my experimentation with this column over the past 5 years. SPEEDX is the most active shortwave club in this hemisphere; to keep it that way, report to your favorite column or columns, learn how to DX and listen better and more comprehensively.

You'd be surprised how often I am asked my advice on various DXing matters. In my ten active years in editing and administering hobby magazines and clubs, I've picked up a lot of good friends, a lot of fine memories, and, to be frank, a few enemies and some awful memories (most of which I have forgotten, thank the Lord). So, my advice to the beginning DXer is this:

DON'T EVER FORGET THAT THIS IS JUST A HOBBY, NOT AN ALL-CONSUMING AND DESTROYING OBSESSION

When I was beginning in the Seminary, the house shrink (a good man, if somewhat confused) gave us new First Theologians a talk on "How To Stay Sane in St. Joseph's Seminary." It consisted of many separate pieces of advice, but the one thing that stuck in my mind was this: "Take up a hobby -- if you don't have something to take up your spare time, you'll go nuts." I stayed sane by leaving the Seminary, but I remembered that piece of advice. I pass it along to those of you who are just beginning DXing, or passing into a new phase of it. DXing is so challenging, so interesting, so informative, it is a shame that some take it into an obsession, not realizing that the true value of a hobby is that it isn't an obsession.

So, as I leave W/H to take up Questions and Answers, Arkie, Blackie, and I thank you again for allowing us the honor to edit for you. I was quite touched by the SPEEDXer who said: "I hope you stay editor of W/H forever." Well, I didn't quite make it, but I'm leaving sane and sound. Have fun, and, in the future, *73's from Ollie/Schlesinger/Blackie* don't do anything I wouldn't do. Good bye from the Bronx.



EDITOR

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

It is indeed a pleasure to be writing my first SWBC-EUROPE column! First off, I'd like to thank Terry Lindley for his help in getting me started, and Rick Drollinger for letting me take the column upon Terry's move to Asia/Oceania. I intend to do my best to make this column an accurate and complete source of European SWBC logging information, and this is only possible through your support. Every section of SPEEDX depends on your contributions and input. In addition to loggings(of course!), I will welcome any comments/suggestions you may have at any time.

If space permits, I'll insert some guidelines I'll be using for the column at the end. And now, to your loggings...

ALBANIA Radio Tirana

- 6200 0350 RT; EE tlk by YL on Marxist-Leninist revisionism, QRM de Coast Guard Cutter Evergreen, 333(4/4 Breville-MO) w/pgm preview, 555(3/21 Karns-OK)
- 7065 \*0000 RT; EE nx, cmtry on "Human Machines"(how appropriate-MK), ballet, 434(3/20 Thunberg-PA)
- 7080 0633 RT; EE tlk on oil production, choral mx, 444(3/12 Robinson-TN)
- 7120 0230 RT; EE "Leafing Through the Albanian Calendar", 545(3/18 Mckeon-IN) tlk on Marxism to 0257\*, 444(3/12 Famularo-NJ)
- 9430 2003 RT; PP w/ID, Gypsy Shiptar mx by folk orch., tlk about Jimmy Carter, 352(3/19 Peck-NY)
- 9480 0435 RT; EE nx, lcl mx, tlk on the "Albanian Struggle", RTTY QRM, 422(3/4 Tilley-CO)
- 9500 0525 RT; ending FF pgm, \*0530 in SS w/"Aqui Tirana" ID, 433(3/7 Palmer-WA)
- 9790t 0250 RT; presumed w/muffled audio, Albanian folk dances, songs by YL, 443+(3/7 Peck-NY)

AUSTRIA Osterreichischer Rundfunk

- 5945 2321 ORF; GG w/polka mx & singing to 0000\*, 444(3/8 Robinson-TN) 0130 EE nx, 323(3/14 Worob-TX) w/"Report from Austria", 353(3/12 Fraser-MA)
- 9770 \*0129 ORF; EE nx, items on logotherapy, papal visit, 0154\*, 444(3/11 Krist-VA)
- 15115 2210 ORF; GG w/ID, Strauss mx, 444(3/9 Hesch-NY)
- 21615 \*1230 ORF; EE w/ID, "Letter from Austria", "SW Panorama" w/Glenn Hauser's report, 333(3/27 Hosmer-MI) 444(3/6 Hesch-NY)

BELGIUM Belgische Radio en Televisie

- 9880 \*0029 BRT; EE w/"Focus", cultural rpt, mx to 0113\*, 444(4/1 Krist-VA) mentioning 1512 AM & 102.8 FM outlets, 433(4/4 Demmitt-PA) mx, "Radio World", 433(3/10 Manning-TX) 444(3/26 Langlois-GA)(3/27 Walega-OH) 0000 w/SS, 554(3/8 Fraser-MA)
- 11620 \*0030 BRT; EE to S.A., ex-11625 since 4/5, FSK now on USB, ex-LSB 11625, //9880, 333(4/5-7 Munster-GA)
- 17610 1410 BRT; EE w/feature on 25th annual Holiday Fair & look at the public's travel modes, 444(3/22 Drollinger-WI)

BULGARIA Radio Sofia

- 7255 \*0430 RS; Albanian w/IS, ID "Ju flet Sofia", tlk on meeting of Japanese trade ministers w/Party, 343+(3/13 Peck-NY)
- 9700 2250 RS; EE tlk on customs & drugs, 444(4/2 Soomre-MA) \*0000 in EE, nx, cmtry, folk mx, 333(3/19 Cox-GA) 444(3/18 Brewer-AR)(3/23 Tilley-CO)(3/18 Preston-GA) +3
- 9740 2245 RS; EE nx & lcl mx, 555(3/13 Karns-OK) 9715a(4/6 Fisher-WI)
- 11720 1830 RS; FF nx, ID 1840, "Letters from France & Canada", 444(3/13 Roussel-NB) EE cmtry at 2145, 423(3/30 Tilley-CO)



11735 2114 RS; EE w/YL playing modern mx, 2130\*, //15370,17755, 323  
(3/19 D'Angelo-PA) at 2230, 444(3/20 Langlois-GA)  
15110 \*1930 RS; EE w/nx, cmtry on NATO, "Answering Your Letters", to  
1958\*, 444(3/20 Krist-VA)

CZECHOSLOVAKIA Radio Prague  
6015 0455 RP; SS, OM & YL w/L.A. nx, 0458\*, 433(3/14 Berri-CA)  
7345 0100 RP; EE nx, various px to 0200, 555(3/16 Card-RI)(Hill-SC)  
433(3/20 Walega-OH) w/entries from "Peace on Earth" con-  
test(hoo-boy!-MK), 333(3/24 Opitz-VA) 0300, 443(3/22 Stan-  
ley-AZ)  
9630 2242 RP; CZ-SS at 2300, Europe nx, 545(3/23 Robinson-TN)  
11990 0130 RP; EE w/nx, lcl mx, mailbag, 555(3/11 Card-RI)

DENMARK Radio Denmark  
11715 \*2354 RD; DD/EE ID over IS, HIC #100(Congrats, Allen!-MK), pgm  
for Greenland & Pacific in DD w/short EE intro, QRM de  
WYFR 11720, 333(3/27 Rising-CA) 444(3/28 Walega-OH) \*2200  
EE/DD, church hymn & nx 2208, 423(3/27 Stephany-NY)  
15165 \*2000 RD; EE ID at every 3rd IS, pgm in DD, EE ID again 2013,  
444(3/26 Drollinger-WI)

FINLAND Radio Finland  
15400 1400 RF; EE w/nx, interview, "Voices of Finland", 454(3/21 Wie-  
boldt-FL) 1415 w/"Finland in Focus", 333(4/4 Bartsch-MN)  
at 1500 in EE w/"Northern Report", BBC QRM(3/26 Stanley-AZ)

FRANCE Radio France International  
9790 2300 RFI; SS w/nx, YL w/listener's letters, 444(3/20 Fernando-  
NY) 0452 in FF w/ID & light mx, 433(3/11 Worob-TX)  
11955 \*2200 RFI; FF w/nx by OM, 433(3/25 Tilley-GO)  
15300 1558 RFI; EE w/"Paris Calling Africa", nx, 222(3/22 Mathew-MA)  
17620 1600 RFI; EE w/African nx, "Focus on France", 433(4/2 Demmitt-  
PA) 1640-1656 w/"PO Box 9516" pgm, 433(3/31 Thunberg-PA)  
17795 1633 RFI; EE w/world nx, anmt on new freqs, bad QSB, 343(4/7  
Fisher-WI)  
21620 1600 RFI; EE w/pgms for Africa, QSB, 322(3/26 Stanley-AZ)  
21645 1702 RFI; FF nx by OM & mx, 343(3/16 Stein-NJ)  
21685 1600 RFI; EE //17620(444) & 21620(312), pgm highlights, 444(3/27  
Soomre-MA) 1645 "Arts in France", 433(3/9 Coutermarsh-VT)

GERMAN DEM. REP. Radio Berlin International  
9525 0215 RBI; (Lang?-MK) YL ID & cmtry on artificial limbs, 444(3/11  
Addison-KS)  
9560 0330 RBI; EE w/nx, tlk on Dachau, "Kaleidoscope", GDR youth, 444  
(3/22 Stanley-AZ)  
9620 2055 RBI; EE mailbag pgm, 312(4/3 Burrows-MI) \*2130 EE, "Nx Reel of  
the Socialist World", 2212\*, 433(3/18 Krist-VA) report  
on summit tlks in Delhi, "The Land We Live In", 433(3/10  
Coutermarsh-VT) Boogie mx, 343(3/10 Opitz-VA) at 0330 in  
SS w/ID & cmtry on US/Venezuela, 453(3/7 Smith-FL)  
11975 0014 RBI; EE w/cmtry, "World Theater Day", 444(3/28 Walega-OH)  
15240 1300 RBI; EE "Program to Africa", your basic propaganda, 434  
(3/14 Wieboldt-FL)

GERMAN FED. REP. Deutsche Welle, RFE/RL, VOA relay  
3970 2310 RFE/RL; CZ? nx, jammer underneath, gd.(3/25 Parks-FL)  
5960 \*0500 DW; EE to 0550\*, cmtry on 10.4% unemployment, "Germany To-  
day", 444(3/3 Cox-CA) 454(4/6 Trager-CA)  
6085 0117 DW; EE w/jazz, nx on Iranian dope smuggler, 344(3/12 Opitz)  
6145 0115 DW; EE w/"Voice of Germany" ID, bad QRN, 333(3/16 Addison)  
7105 0000 VOA relay; Yankee Doodle IS, EE ID, into Uzbek lang, bad  
ARO QRM, 322+(3/14 Peck-NY)  
9600 0055 DW; EE ancr & IS over R. Norway, but never signing on, 444  
(4/1 Talbot-WI)  
9765 2120 DW; EE Asian Service w/"Roundabout" pgm, 433(3/21 Famularo)  
15185 0940 DW; PP to Brazil, GG ID, 545(3/27 Burrows-MI)  
17705 1940 DW; EE w/"Window on the World", 544(3/10 Schroeder-WI) at  
1845 in GG w/ID, nx, 444(3/5 Langlois-GA)  
17810 2115 DW; EE w/mx & nx, 333(3/10 Addison-KS)  
21560 1650 DW; EE ID, 333(3/11 Addison-KS) at 1700 in GG(3/16 Stein-NJ)

GREECE Voice of Greece

- 9420 0043 VOG; GK w/trlk on xmtr sites, ID "Edho Athine, I Foni Tis Elladhas", //9865, 454(3/7 Peck-NY) at 0211, 444(3/14 Worob-TX) 0219 in GK, shift to EE at 0339, YL w/lcl nx, 343(3/10 Kerrigan-IL) EE at 0340 //9865, 11645, 444(3/9 Berri-CA) 0550 in GK to Cyprus, M.E., Turkey, 7095 absent- this replaces? 433(3/7 Palmer-WA)
- 9865 0130 VOG; GK w/nx & mx, 0130-0140(Sat.) not in EE as marked in sked & WRTH '83, 454(3/26 Stanley-AZ) but EE this date at 0135 w/YL nx & cmtry, 433(4/1 Duncan-NC) GK 0053(3/23 Hill-SC) EE nx at 0340, some het., 333(3/7 Rising-CA) to 0350\*, 444(3/28 Hosmer-MI)
- 11645 1920 VOG; EE w/nx by YL to 1928, then into ?-lang, 444(3/15 Countermarsh-VT) at 0130 in EE w/world nx, GK mx, shift to GK at 0144, 444(3/9 Kerrigan-IL)(Stone-ON)(Berri-CA) same date!
- 17915 1548 VOG; EE, end of nx, ID & into GK, 1550\*, 344(3/24 Famularo-NJ) EE world nx 1840-1849\*, 243(3/14 Thunberg-PA)

HUNGARY Radio Budapest

- 9585 0150 RB; EE cmtry on Hungary in WWII, 433(3/26 Tilley-GO) \*0200 in EE to 0227\*, inter. nx & features, 444(3/16 Krist-VA) (3/11 Card-RI)(3/25 Stanley-AZ)(3/30 White-KS)

ICELAND Iceland State Bcstng. Svc.

- 13797 1845 ISBS; IC YL w/nx, ID & freq at 1852, 343(3/12 Soomre-MA) tlk by OM at 1840, 233(3/28 Hosmer-MI) at 1900 w/short bits of mx surrounding nx, 332(3/6 Brenesal-FL)

IRELAND Radio Dublin International

- 6910 0258 RDI; EE rock mx pgm w/OM DJ, frequent stn plugs, full ID at 0323 w/phone no., 222(3/23 Stephany-NY) at 0320 on 6911, rock mx, TC's, strong signal(3/10 Parks-FL) ID at 0509, phone call from YL, 353(3/6 Robichaud-NB) 0620 w/mx & usual DJ banter, no complaints on this! 322(3/27 Konen-WI)

Did anyone hear the test xms from Weekend Music Radio-Scotland and V. of the Leek-Wales in late '82/early '83, or have any info on these?-MK

ITALY RAI

- 9575 \*0100. RAI; EE w/world nx by YL, musical interlude, into FF at 0120, 444(3/22 Stanley-AZ) 333(3/7 Cox-CA)(3/16 Addison-KS) sad sounding YL w/nx(so that's why!-MK), 433(3/21 Langlois-GA)(4/3 Johnson-IL) 0130 in FF w/"Dream Police", 454(3/17 Roussel-NB) \*0142 in II, bird IS & bells, //11905 but that vy poor, 543(3/23 Thompson-CA)

LUXEMBOURG Radio Luxembourg

- 6090 0000 RL; EE w/nx, lots of rock mx, occ. ads, het. QRM, 434(3/8 Card-RI) 0102, terrible jive from British DJ's who interrupted mx, FF svc much better, 222(3/6 Brenesal-FL)

MALTA R. Mediterranean, Int. Christian R., Deutsche Welle relay

- 6110 2135 RM; FF w/inst. mx hosted by YL, ID @2200, BBC QRM 2145, fr/pr(3/17 Parks-FL)
- 9515 2034 ICR via RM; EE w/ICR IDs, requesting rpts, address, sermon at 2100, 353(3/19 D'Angelo-PA) 2043 testimony by former drug addict, ID & address often, 322(3/14 Konen-WI)
- 9545 \*0200 DW relay; GG nx & cmtry preceded by site ID, occ. het., 454-422(Munster-GA)
- 9590 \*0059 DW relay; EE w/"This is the Deutsche Welle transmitter Malta", nx on election, 333(3/14 Krist-VA) "Germany Today" pgm, press review, 433(3/25 Stanley-AZ)

MONACO Trans World Radio

- 9495 0740 TWR; EE relig. pgm, "A Visit with Mrs. G", 434(3/20 Muzyka-NY)
- 9640 \*1600 TWR; EE w/ID & relig. pgm, gd(3/18 Witte-CA)

NETHERLANDS Radio Nederland

- 9895 1803 RN; DD w/mx, xmtr ID at 1805, 1821\*, 333(3/28 Hosmer-MI)
- Many loggings were rcvd for RN relays at Bonaire & Madagascar; please rpt these to WH & Africa columns. Sherman, your 4100/4600 loggings must be images from Bonaire; rcvr overloading from RN 49m often annoying here too

NORWAY Radio Norway International  
11850 \*2000 RNI; EE w/look at Easter in Norway, oil industry, pop mx pgm, 2030\*, 333(3/27 Krist-VA) w/interviews & chorus mx, 343(4/3 Weikel-MI)  
15175 1700 RNI; EE tlk on hydrographic svc in Stavanger, Norwegian pop mx, relig. svc in Norwegian, 433(3/27 Stanley-AZ)

POLAND Radio Polonia  
6095 \*0200 RP; EE w/nx, mx, very difficult copy, 222(3/22 Card-RI) ID 0208, DX club pgm "New Members from the U.S.A. and Canada" 433(3/7 Roussel-NB) 423(3/28 Soomre-MA)  
7125 \*2230 RP; EE w/IS, s/on, nx of Poland, CW QRM, 433(3/9 Famularo-NJ)  
9540 \*1730 RP; EE, ID, freqs, nx by YL & cmtry by OM, f/out 1742, 233(3/28 Hosmer-MI)  
11815 0410 RP; Romanian w/ID "Sintonizam a Polonia" by OM, tlk on Romanian immigrants & schools in Germany(do you know Romanian, OM? Or how did you know the pgm subject?-MK), 433(3/11 Peck-NY)

PORTUGAL Radio Portugal, IBRA Radio, Radio Renascenca  
6075 0410 RP; PP w/PP songs, two OM's tllking, it seemed, with their mouths full, 333(3/19 Grosvenor-CA)  
9520 0545 RP; EE, YL w/nx, 555(3/19 Karns-OK)  
9575 0530 RP; EE w/lcl nx, ID & freq info, PP mx pgm, band & chorus w/NA at 0600\*, 333(3/16 Preston-CA)(3/4 Piatelli-CA)  
9640 2300 RP; PP w/ID, nx by YL, 433(3/30 Langlois-GA)  
9670 \*2100 IBRA; EE/Polish, IS & "This is IBRA Radio bcstng from the facilities of Radio Trans Europe", into Polish, 343(3/19 D'Angelo-PA)  
11730 \*2330 RN; PP IS & OM ID, to Brazil, jazz mx, 444(3/8 Famularo-NJ)  
11925 \*0300 RP; EE ID, NA, //6025, 443(3/23 Stanley-AZ) 323(3/12 Donovan-NC) DX Club pgm, 0330\*, 444(3/19 Krist-VA) 433(3/8 Hill-SC) world nx w/swipe at South Africa, 434(3/26 ?-?)

ROMANIA Radio Bucharest  
5990 2324 RB; Romanian w/beautiful folk dance mx, birds chirping, ID "Aici Bucuresti" by YL, 433(3/19 Peck-NY)  
7195 1930 RB; EE w/ID, freqs, nx, cmtry on nuclear disarmament, 444(3/9 Roussel-NB)  
9550 0415 RB; EE w/cmtry on Israel, mx, tlk on MX missile, 433(3/3 Tilley-CO)  
9690 1932 RB; EE w/tlk on NATO's role in Greek politics, ID 1937, co-channel jammer, 222(3/19 Peck-NY) @2015 in EE w/tlk on primitive Rom. culture, 323(4/5 Johnson-IL) EE to Eur 2118 under DW until 2120, 2128\*, 222(3/24 Drollinger-WI)

SPAIN Radio Exterior de Espana  
9630 0135 REE; EE ID, nx, "Spain in the 80's", mx, 0200\*, 534(3/10 Claytor-MI)(3/6 Piatelli-CA) SS lang course w/OM & YL hosts in EE, 0049, 433(4/7 Bartsch-MN) @0030, OM w/"Sports Round-up", YL w/SINPO requests, 333(3/20 Cox-CA)444(3/27 Opitz-VA) @0240 in SS w/Valencian mx, 444(3/20 Grosvenor-CA)  
9765 2045 REE; EE w/SS lang lessons, mx, 434(3/10 Coutermarsh-VT)  
11760 2115 REE; EE w/travel pgm and "Radio Club", //15375, 544(3/13 Fraser-MA) 2128 cooking show, QRM de VOA, 433(3/17 Stein-NJ)  
11880 \*0000 REE; EE w/nx and various pgms to 0200, //9630, 333-544, dates 3/20-3/28(Hull-WA, Somers-CA, Glock-WA, Shryock-MO, Hosmer-MI, Soomre-MA, Stanley-AZ) @0536 in EE, 233(4/2 Preston-CA)  
15125 1915 REE; SS w/YL ID, nx & mx, 444(3/23 Tilley-CO)  
15375 2030 REE, EE pgms, tlk on prisoner's rights, 433(4/3 Demmitt-PA) @2130 w/ID & nx, 333(3/10 Addison-KS)(3/27 Berri-CA)

SWEDEN Radio Sweden International  
9695 \*0230 RSI; EE, read my letter! tlk on Swedish immigration to U.S. 1860-1930, 232(3/7 Wettersten-OH) nx on Greenpeace ship escorted from Norw. waters, 444(3/12 Coleman-MA) DX pgm, 444(3/22 Cox-CA)(3/30 Speer-CA) \*2300, EE replaced 15270 from 4/5 on, severe QRM de 9700 Bulgaria(?/ Munster-GA)

11705 2300 RSI; EE to 2330 w/pgm on myths & folklore, 544(3/26 Mathew  
-MA) @0240 in EE w/nx & request for rpts,444(3/3 Addison)  
21615 1500 RSI; FF w/ID, nx on Pope, Swed. press, 344(3/4 Roussel-NB)

SWITZERLAND  
6135 0145

Swiss Radio International, Red Cross Bcstg Svc  
SRI; EE w/world nx, weather, Swiss mx, 544(3/26 Hill-SC)  
QRM de VOA on 6130, 433(3/23 Stanley-AZ) @0210 pgm on log-  
ging operations(the forest kind), 333(3/30 White-KS) @0215  
into SS, 444(3/18 Opitz-VA) SS 0230 //9725, 11715, 555(3/9  
Card-RI)  
7210 0602 RCBS; EE w/"Red Cross-Roads" pgm, 322(3/28 Walega-OH)  
9560 0655 SRI; EE w/ID, IS, freq anmt for Far East, 322(3/23 Hotaling)  
9725 0200 SRI; EE px //11715--better on 9725 after WRNO s/off(3/9  
Card-RI) @0445 EE on pol. asylum, 545(3/9 McKeon-IN)  
11715 \*0145 SRI; EE px until 0215\* when into SS, 433-445, dates 3/9-  
3/27(Kerrigan-IL, Card-RI, Hosmer-MI, Tilley-CO, AddisonKS)  
15305 0145 SRI; & EE w/cmtry on disarmament, 222(3/11 Duncan-NC)  
17830 1535 SRI; EE "Grapevine" pgm, listener's tape, 333(4/2 Demmitt)  
21570 1315 SRI; EE w/preview of Geneva Motor Show, tlk on a drug, 444  
(3/6 Wettersten-OH) @1549 EE w/history of St. Bernard dogs,  
454(3/5 Hesch-NY)

U.S.S.R. (as given)

9470 0539 R. Mayak; RR OM/YL nx thru 0542, mx, QTH Moghilev in Byelo-  
russia per Olle Alm, to Europe, 222(3/7 Palmer-WA)  
11745 \*0100 R. Peace & Progress; Guarani to S.A., 343(3/3 Soomre-MA)  
11765 1540 R. P&P; EE w/anti-U.S. cmt, to SEA 1530-1600, site supposed  
is Taldom in N.central Eur. Russia, 444(3/4 Palmer-WA)  
11860 2223 R. Moscow; EE w/px on Olympic athlete, world nx, px on ba-  
lalaika, 333(3/24 McCants-AL)  
11900 \*0330 R. Magallenes; SS w/IS, ID, begin bcst to Chile w/OM/YL tlk  
353(3/12 Famularo-NJ)  
15100 2303 R. Vilnius; EE tlk on publishing, 433(3/20 Glock-WA)  
15100 0100 R. Kiev; EE w/listener's questions, 555(3/29 Trent-AK)  
15240 0353 R. Yerevan; EE w/pgm summary, ID, into lang(Armenian?) at  
0356, 333(3/23 Curnell-OR)  
17870 2300 R. Vilnius; EE w/tlk on Nicaragua, 323(3/24 Lord-CA) 2328\*  
then s/on in RR, 333(3/5 Tilley-CO)  
17870 0030 R. Kiev; EE w/nx & propaganda, 454(3/24 Coyle-PA)  
Had to only give a brief overview here, no space to list all loggings;  
situation may improve in the future.

UNITED KINGDOM BBC, VOA relay

7200 0511 VOA Wooferton relay; EE w/ID, nx pgm, 444(3/11 Worob-TX)  
7325 2345 BBC; EE w/Top 20 show, nx 0000, 555(3/16 Coutermarsh-VT)  
9410 2030 BBC; EE w/"Jolly Good Show" pgm of pop mx, 333(3/24 Talbot)  
9915 0030 BBC; EE London Calling Asia, YL nx, 444(3/5 Langlois-GA)  
11780 2050 BBC; RR w/RR/EE lang lesson, nx, 323(3/27 Tilley-CO)  
11955 0730 BBC; EE w/glossical Music Review, 322(4/9 Polsgrove-MS)  
15070 1700 BBC; EE px gd.(3/16 Koehler-IL) @1724 333(3/24 Curnell-OR)  
@2015 444(4/3 Demmitt-PA) @2205 354(3/27 Trent-AK)  
17740 1131 BBC; EE by Radio pgm, tlk on role playing, 222(3/27 Burrows)  
17790 1430 BBC; EE "Karl Marx - the Man"(ever hear Cary Grant's "Man  
with the Power" routine?-MK), 454(3/6 Fraser-MA)  
18080 1540 BBC; Urdu w/pol. tlk, "zero option", 242(3/24 Famularo-NJ)  
Several logs rcvd for Ascension, Antigua, & other relays! Check that freq.

VATICAN STATE Vatican Radio

6015 \*0100 VR; EE pgm on Passion of Jesus Christ on Good Friday, 444  
(4/1 Muzyka-NY) Letter Box, 444(3/12 Opitz-VA) @0050 in FF  
434(3/6 Robichaud-NB)  
9605 0100 VR; EE px //6015,11845, 433(4/3 Johnson-IL) @2220 EE 333  
(3/30 Smith-FL) Sorry, ran out of room for more freqs!

YUGOSLAVIA Radio Yugoslavia

9620 \*2215 RY; EE s/on, YL w/nx, 454(3/2 Smith-FL) 222(3/22 Walega-OH)  
bad QRM de RBI at 2225, 312(3/6 McKeon-IN)

Well, it looks like those guidelines will have to wait 'till next month!!  
Thanks for the tremendous support; apologies to those whose loggings had  
to be cut due to space, pse try again! Best to all, *Mark*



SHORT WAVE

# AFRICA



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

NEW STATION SPOTLIGHT

o LA VOIX DE LA REVOLUTION BENINOISE, PARAKOU: On April 7th, I noted a new station from Benin on 5,025 kHz at 0420 GMT. The station played high life music and gave clear IDs in FF, "La Voix de la Revolution." According to the 1983 WRTVH, a new regional station is planned at Parakou, with 20 kW of power. The new regional was noted at 2300 s/off 4/7 w/clear IDs. It signed off with the same NA as 4,870 kHz, but two minutes earlier. The station was positively ID'd by Stu Klein as Parakou. Thanks to Sholom Glikzman for the tip. (Mike Nikolich, IL)

o RADIO TRUTH: At 0500, 3/10, a station callig itself "Radio Truth" was heard carrying a test transmission w/anmts in EE on 6010 kHz. The bcst lasted 20 minutes and contained the stn's IS--repeated bird calls. The anmt also contained a reference to a xmtn at 1700 on 6010 kHz in either Shona or Ndebele. (BBC Monitoring Service)

o RADIO MEDITERRANEAN INTERNATIONAL, MOROCCO: This French-language commercial radio station with studios in Tangiers is now heard on shortwave in addition to its MW and LW channels. Current frequencies noted: 5950 kHz (0600-0900), 7175 kHz (0900-1200), 9520 (1200-1500), 11715 (1500-1800), 15250 (1800-2100), and 17730 kHz (2100-2400). (BBCMS)

CAPE VERDE MYSTERY SOLVED (MAYBE)

Stu Hall chips in with this answer to a problem he created (only kidding, Stu!). He says: "Regarding your question about Cabo Verde on 7154 kHz--whether the station hails from Praia or Sao Vicente, as suggested on the QSL. The answer lies in what the QSL says. 'Em montagem' precedes the notation of a 10 kW transmitter operating on 7154 kHz. 'In construction' or 'in the planning' are a couple of good EE language equivalents of the Portuguese 'em mortagem.' So, unless the QSL from CR4AC is horribly out of date, the broadcasters on Sao Vicente are thinking about setting up an xmtn on a frequency they'll share with Praia, their next-door island neighbor. I've sent Praia a report. I'll let you know if and when they reply. (Stu Hall, CA)

SENSATIONAL SUPPORT CONTINUES!

I have been overwhelmed by your fine support this month. There are so many good logs that I've left out almost all of the regulars (South Africa, Rwanda, Madagascar et al) to focus on the primo logs. I have schedules from the Voice of Kenya, Ethiopia and Mozambique that will be published next month no matter what!

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ALGERIA

- 9625 2015 Radio Algiers; EE, rock mx px w/ABBA and other contemporary Rock groups, ID at 2018, s/off by OM at 2029 mentioning incorrect freq. of '9160', 3/15 (Stephany, NY)\*\*Thanks for your \$\$\$ contribution, Nolan. mln.
- 9685 2018 RTVA; EE, this is Algeria, not Uganda as some think, //15160 which is better, 3/18 (Brenesal, FL); \*2000, nx in EE, Rolling Stones song, 3/13 (Krist, VA); 2000, EE cmty, very weak, 3/26 (Soomre, MA)
- 15105 2047 RTVA; AA, px w/OM, into vocal mx, 2050, 3/8 (Welch, MA)
- 15160 2026 RTVA; EE, tx by OM, ID, poor reception, 3/30 (Sharp, FL)

ANGOLA

9535 1645 R. Nacional de Angola; PP and LL, YL w/mentions of Namibia, followed by native mx, 3/18 (Valentine, CA); 2130, report in FF, 4/5 (Cleveley, NY)

ASCENSION ISLAND

6005 2200 BBC Relay; EE, world nx, "Science in Action," into "Meridian," 3/13, 2245\*(Krist, VA); 2225 (Schroeder, WI)  
 9600 0450 BBC; EE, stock market feature, tx on upcoming Palm Sunday, world nx at 0500, 3/26 (Tilley, CO)  
 11820 \*1800 BBC; EE, ID, nx, cmtly in "BBC WS" 3/23 (Taylor, SD)  
 11860 0347 BBC; Px to East Africa, YL in EE reviewing an African play and interviewing performers, 4/4 (Traver, CA)  
 15260 0101 BBC; EE, answers to SWLs, "Radios and Frequencies," 3/14 (Somers, CA); 2212, EE, "World Today," 3/15 (Krist, VA); 2100, EE, 3/19 (Taylor, SD)+2

BENIN

4870 0600 ORTB; LL, OM, long tx, "Benin" mentioned, few bars of Afro mx, some QRM, 3/25 (Hotaling, NV); 0402, FR/VN, Afro pops to 0420, OM in FF, then tx in Vern, 0450 ID, 3/21 (Wilkins, CO); 0509, FF, OM tx, QRM heavy at times, 3/23 (Rising, CA); 0545, FF OM w/tx and lite mx, 3/10 (Konen, WI)\*\*Thanks for your kind comments about the new masthead and my column, Mark. I appreciate it! mln. 2245-2303\*, FF, tx, ID, NA, 3/9 (Thunberg, PA)+2

BOTSWANA

4845 0348 R. Botswana; only heard s/on w/cowbells + moos, then f/out, 3/14 (M. Witte, CA); 0416, Sets, YL tx, lcl mx, casual IDs as "Radio Botswana," 3/31 (D. Sharp, FL)

BURUNDI

3300t 0259 La Voix de la Revolution; drum IS, tx by OM, lcl mx, no ID, so give this a great big "TENT" 4/1 (Sharp, FL)

CAMEROON

4000 0435 R. Bafoussam; FF, OM tx, Afro mx, QRM de AROs, 4/5 (Famularo, NJ); 0515, Vern/FF, OM tx w/mentions of Cameroon, heavy ARO QRM, 3/29 (Thunberg, PA)  
 4850 2220 R. Yaounde; FF, High life mx, disco, YL host, ID, 2223, 3/31 (Sharp, FL); 0525, EE, highlife mx, EE nx at 0530, ID, "National Service of Radio Cameroon," sx, trad. mx, ID in FF at 0600, 3/30 (Speer, CA)  
 4972.5 0524 R. Yaounde; FF, tx by OM, possibly heard "Yaounde," label this one "tent" 3/11 (Parks, FL)  
 5010 \*0530 R. Garoua; EE, s/on w/electronic blips, into EE nx by OM, poor audio (phone patch??), back to Vern at 0544\*, 4/7 (Stephany, NY)\*\*Nolan, you labeled this "Radio Douala." Assumed you ment Garoua. mln. 0530, EE, nx, ID, heavy QRM from RTTY, 3/30 (Muzyka, NY); 0504, LL, tribal mx ads by OM, ID at 0510, 3/10 (Brenesal, FL)+3  
 9745 \*2045 RN du Cameroon; EE, FF/EE ID by OM, march mx, opening anmt, nx by OM, 4/4 (Stephany, NY); FF, mx w/ID, OM, theme from "2001" 3/23 (Tilley, CO)

CAPE VERDE

3930 2319 R. Voz de Sao Vincente; PP, I can't believe this...two stations from Cape Verde in one month! Discussion px by OM and YL til 2229, ARO net from 2230-2348 on freq, but clear at 2348, 2356\* w/NA, 3/11 (Stephany, NY)\*\*Nice log! mln.  
 7154 0747 R. Nacional de Cabo Verde/Prahia; 3/18, sultry YL ballads up to 2 computer tones at 0800 followed by time pip, ID, synthesized mx cords, world nx read by OM, then high life mx (Stu Hall, CA)

CENTRAL AFRICAN REPUBLIC

5036 2245 LV de CAR; FF, various selections of Afro mx, ID as "Radio Centrafrique," 3/24 (Sharp, FL); 2147, FF, ID, chants and drums, too few details for good report, 3/11 (M. Witte, CA)

COMORO ISLANDS

7260t 0901 R. Comoro; 3/18, tent. ID by YL at 0901, brief mx to long YL and OM commentaries, same OM and YL in discussion in LL and FF (Stu Hall, CA)

CONGO

- 4837 2147 RTVC/Pointe Noire; FF, continuous tx between OM and YL, many mentions of Pointe Noire and Brazzaville, 3/24 (D. Sharp, FL)
- 15190 1903 RTVC; FF, ID at 1905, songs and ads "Office Congolaise de Materiaux de construction" followed (Roussel, NB); 2215, FF, very good signal, many IDs, 3/16 (Brenesal, FL) 2210, lcl mx, OM tx, WIMB splatter, 3/29 (Sharp, FL); 1820 to 1930, FF tx (Peck, NY, Thunberg, PA)

EGYPT

- 9027 0427 R. Vatan; Farsi, excited OM tx abt Khomeini and Iran, quality of modulation suggests bcst is possibly coming from Radio Cairo--any comments? 3/31 (Sharp, FL); 0333, rapid-fire tx by OM, het w/VOIRI on 9022, making details tough to copy, 3/11 (Peck, NY)
- 9475 0200 Radio Cairo; EE, YL, mx nx on non-aligned meeting in New Delhi, 3/12 (RJ Coleman, MA); 0238, tx about mapping to discover new tombs, 3/16 (R. Hesch, NY)\*\*Sounds interesting, Ruth. mln. 0231, nx, mx, 3/21 (Opitz, VA)+5; 2200-2230, EE, 4/5 (Cleveley, NY)
- 12000 \*0200 RC; EE, Egyptian mx, "Monday Nite Mail Call," nx, "Women's Corner," 3/15 (Krist, VA); 0305 (Addison, KS)
- 15555 1705 R. Vatan; Farsi, tx in Farsi, OM, Persian maqam (similar to a Hindu raga), 3/13 (Peck, NY)

EQUATORIAL GUINEA

- 6250 2155 R. Nacional Malabo; SS, native mx w/o interruption, partial ID by OM, mention of Malabo, 2203\*, 3/8 (Parks, FL); 2100, SS, ID by OM, translated into EE as "This is National Radio of Equatorial Guinea from Malabo," into nx, 3/24 (Sharp, FL)

ETHIOPIA

- 7110t 0355 VoRE; Amharic, Ethiopian folk mx on krar (small lyre with round sound box); tx by OM w/apparent mentions of Zimbabwe, CW QRM, 3/11 (Peck, NY)\*\*Martin, your knowledge of African instruments and music seems extensive. How about a short feature for SWBC/Africa to help fellow SPEEDXers get better program details for reception reports to Afro stations. Love to see it! Thanks for your detailed reports. mln. 0328, Amharic, IS w/ID at 0330, NA, time signal, nx, 3/17 (Robichaud, NB); 0404, OM w/tx and nat'l mx, lots of QRN, 3/10 (Konen, WI)

GABON

- 4777 2227 RTV Gabonaise; FF, OM ID over mx, in better than AN#1, 3/31 (Sharp, FL)
- 4810 0500 African #1; FF, nx, followed by mx, //11940, 3/28 (Herr, CA); OM tx about soccer tourney at 0530, mentioned team from Senegal (they're supposed to be an excellent one. mln) lots of guitars, one U.S. blues number by Junior Wells, 3/13 (Coyle, PA); 0627, FF, OM w/ID, YL w/pop mx, 3/10 (Berri, CA); 0550, rock & high life, 3/22 (Hotaling, NV); 0600 (Preston, CA)+5
- 11815 1723 Radio Voice of the Gospel via Moyabi; Hausa, ID in EE, something like, "This is the Voice of the Gospel, broadcasting in Hausa to West Africa from the international xmtr at Moyabi," 3/12 (Robichaud, NB)
- 11940 2115 AN#1; FF, lcl mx, OM, FF IDs, pop mx, CBC QRM (Tilley, CO)

GHANA

- 3350 0637 GBC#1/Ejura; Vern, OM tx, //4915 (first time I've heard 'em on 90 meters) 3/14 (Pimblett, AB)
- 4915 \*0600 GBC#1/Accra; EE, Afro mx, ID, IS, OM, into Ghanan nx, 4/5 (F. Johnson, IL); 0550-0607, Afro high life, drums at 0559, OM ID, TC, 3/26 (Preston, CA, Rising, CA)+2

GUINEA

- 4909t 0337 La Voix de la Revolution; FF, OM tx w/tent. mentions of Conakry, under Radio Zambia (nice QRM, OM!), 3/30 (Sharp, FL)

IVORY COAST

- 4940 2210 RTVI/Radio Abidjan; FF, ID by OM, 2210, into lcl chants and mx, 3/31 (Sharp, FL); 2315, tent. w/classical mx, O% in FF between selections, 3/27 (Drollinger,

WI)\*\*Welcome to SWBC/Africa, ye ed. mln. 2100, OM and YL in lang (FF?) xylophone or cora mx, ID (Cleveland, NY); 2210 (Thunberg, PA)

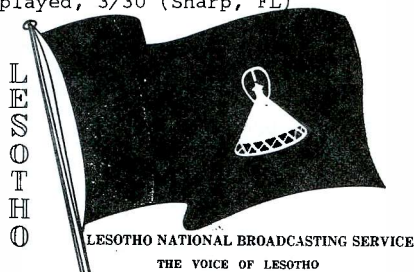
7210 0651 RTVI; FF, discussion between 2 OMs abt quality and quantity of fishes, ads, IDs, 4/5 (Johnson, IL); 0635, FF, two OMs, //4940, 3/25 (Hotaling, NV); 2340 (Tilley) \*0600, short IS, NA, s/on w/freqs and ID (Pimblett, AB)

KENYA

4934t 0342 Voice of Kenya; Tx by OM, poss. mention of Nairobi, but tent. ID, much lcl mx played, 3/30 (Sharp, FL)

LESOTHO

4800 0400 R. Lesotho; apparent NA by mixed choir, tx & relig. sermon by OM in Sesotho, hymn mx by kid's choir, then by male and female choirs, 3/13 (Peck, NY); 0400, tx by YL, mention of 891 kHz? and Maseru, prayer by OM, 3/31 (Sharp, FL); EE anmt by OM after Radio Lara s/off at 0350, into relig px, 3/12 (Witte, CA)



LIBERIA

3255 0614 ELBC/Monrovia; local mx, lots of QRN, sounds like summer static is here, 3/10 (Konen, WI); 0525, Vern/EE, tribal mx, EE ID at 0532, into Vern tx, 3/23 (Thunberg, PA); 2305, tent w/tx in EE by OM on economy of South Africa, various ads, no ID, so tent, 3/19 (Peck, NY); \*0458, NA, ID by OM w/full info, into relig. segment, nx, pop mx, long tx by OM 0516, 4/7 (Stephany, NY); 0517, Vern, long tx by OM, 3/14 (Pimblett, AB)

4765 0652 ELWA; EE, IS, mx, into px review, BBCWS nx on hour, 3/13 (Ulmer, LA); 0658, EE, regional nx, 0700, BBCWS nx, "You're listening to ELWA, this is 'Good Morning Liberia'," 3/3 (Wilkins, CO); 2230, EE 3/24 (Sharp, FL)

6090 0728 ELBC/LBS-Monrovia; EE, "V. of Prophecy" px, ID by YL, 3/13 (Ulmer, LA); 0737, 3/10, Nigeria or Liberia, choral mx, translation of Vern speech, Luxembourg co-channel QRM (Famularo, NJ)\*\*Probably ELBC, OM. mln.

LIBYA

11665 2012 Voice of the Arabs; AA, tx in AA by OM about Israel, ID, "Idha'at il-Saut il-'Arabiyya" into Koran, 3/19 (Peck, NY)

11815 2340 R. Jamahiriyyah; EE, mx, followed w/OM closing in EE, 3/6 (Brewer, AR); 2320, YL tx abt revolution and Qaddafi's plans to smash imperialists, 3/28 (Hosmer, MI); 2324-2359, EE (Langloiss, GA, Drollinger, WI, Rising, CA); 0259, AA, ID by OM, speech abt Iran(Sharp) 2100, AA cmtty, 3/27 (Tilley, CO); 2332 (Shryock, MO)

17930 1720 SPLAJBC; AA, mx, nx by OM, ID at 1724, 3/13(Thunberg, PA)

MALI

4783 0649 RN du Mali; FF, OM chants to stringed mx, OM tx, 3/15 (Famularo, NJ); 0558, FF, IS to 0559, NA, into lcl mx, ID by OM 0602, 3/30 (Sharp, FL)

5995t 2305 RM; FF, lite pops, tx in FF, blues mx, 3/13 (Peck, NY)

7110 0710 RM; FF, march mx (NA?) to 0720, ID's, nx, 3/13 (Ulmer, LA); 0710, ID, "R. Mali emittant de Bamako," 3/27 (Rising, CA); 0705, FF, long NA, ID by OM 0712, 3/20 (Konen, WI); \*0658, FF, //7270, IS, NA, ID, 3/27 (Peck)

MAURITANIA

4845 0635 RN du Mauritanie; AA, chants, fading to noise lvl by 0645, label "tent", 4/12 (Herr, CA); 2245, folk mx w/ YL singing, guitarlike Mauritanian stringed inst., ID in Hassaniya and tx abt Morocco, 3/19 (Peck, NY)+2

MOROCCO

15205 1900 VoA/Tangier; EE, ID, nx by YL about Reagan, 3/28(Hosmer)

15335 1350 RTVM; AA, non-stop AA mx, //15360 w/QRM de KGEI, 3/12 (Thunberg, PA); 1932, AA, hypnotic folk mx, 3/6 (Peck)



NAMIBIA

4965 0350 R. SW Africa; German, 0400, ID, EZL mx, 3/7 (Brenesal, FL); 2236, EE, pop song, book ad, SWABC sked, ID by OM at 2238, 3/13 (Peck, NY); 0525, AK, interview px, no Colombian tonite, 3/23 (Pimblett, AB)

NIGER

5020 2255 ORTN; FF, pop px hosted by YL, full ID at 2259, flute IS, NA, 2303\*, het onf freq, 3/12 (Parks, FL); 0545, FF, chants and drums, 3/14 (Konen, WI); 0530 (Sharp, FL)

NIGERIA

4755 2320 FRCN/Owerri; EE mx, 3/6 (Karns, OK)\*\*more details, pls.

4770 0610 FRCN/Kaduna; EE, nx and Afro sports, comments on Nigerian oil crisis & Nkomo's flight to Botswana, 3/13 (Coyle, PA); 0619, "In Focus" px, 3/13 (Ulmer, LA); 0506, EE, Beatley medeley til 0514, brief YL anmt, 3/19 (Stephany, NY); Harry Belafonte mx, 3/13 (Robichaud, NB)

4990 \*0433 R. Nigeria/Lagos; EE, religious px, 3/23 (Thunberg, PA); \*0429, talking drum IS, ID, NA, pledge of allegiance, 4/7 (Stephany, NY)

5965 0540 Plateau B.C./Jos; EE, lcl nx, ads, lcl mx, "Nigeria" mentioned often, 3/27 (Konen, WI)

7255 0505 V. Nigeria; EE, Afro vocal, 3/28 (Burrows, MI); \*0447, EE, bells IS, drums IS, short NA, s/on, afro pops, 3/12 (Wilkins, CO); ID for W.Afro Svc, 3/20 (Robichaud, NB)+2

11770 1530 VoN; EE, world nx, cmty on political nx, Nigerian nx, s/Off w/drums at 1600, 3/26 (Stanley, AZ); 1630-1715, EE nx, into "Window on the World," (Valentine, CA)

15120 1505 VoN; EE, "Celebrations" px, TC, ID afro mx px, 3/17 (Thompson, CA); 1538, nx, cmty, 3/19 (Welch, MA) +4

SENEGAL

4890 2353 R. Senegal; "RS is back and stronger than ever. Native singing/Changing by OM at tune-in, with tx in lang by OM, 2358, ID, '...Office de Radiodiffusion Television du Senegal...' 0101:30\*, good to excellent lvl for first time in several years, 3/13-14 (Cunningham, OH); \*0600, FF, IS, NA, FF nx, 3/10 (Berri, CA); 0610, 3/21 (Wilkins, CO); weak in FF, label tent, 3/19 (Moman, AB) \*0658, late Sunday s/on, ID in FF, 3/20 (Konen, WI)+5

SEYCHELLES

11760 0248 FEBA; Farsi, IS, "We Have Heard the Joyful Sound," to 0251, tx and ID by OM, 3/30 (Sharp, FL)

11895 1550 FEBA; EE, very weak, no ID but IS at 1600 was "What a Friend we Have in Jesus," 3/19 (Rising, CA)

SOMALI REPUBLIC

6790 0321 R. Mogadishu; tent in AA w/chants, mx, OM tx into nx at 0330, no ID, 3/28 (Rising, CA); 0335, AA, tx by OM, mention of Mogadishu, back after short stay on 6095, 3/31 (Sharp, FL)

11370v 2130 Voice of the Libyan People; AA, ID, "Huna Saut Halki Libiyya," tx by OM on Arabs of Libya, 3/13 (Peck, NY)

SWAZILAND

3335 \*0355 TWR; AK, IS to s/on, "This is TWR/Swaziland..." short piano bridge into UNID hymn-like mx, 3/14 (Sheedy, CA)

4760 0427 TWR; EE, IS, OM w/ID, 0430, into AK, 3/14 (J. Berri, CA)

4785 \*0425 TWR; AK, IS, ID as above, then couple bars of "How Great Thou Art," 3/18 (Sheedy, CA)

5055 0435 TWR; EE, OM and YL w/"Our Daily Bread," relg px, 3/14 (Berri, CA)

6155 2213 Radio SR; EE/Zulu; EE pop rock px w/OM DJ anmt, many IDs, "Radio SR, the Int'l Sound on 1377 kHz MW and 49 m.b." also long Zulu anmts, 4/2 (Stephany, NY)

9730 0518 TWR; EE, OM relg px, Bible quotes, ID by YL, 3/22 (Rising, CA); 0500, relg px, 3/26 (Preston, CA)

TANZANIA

5050t 0340 R. Tanzania; tent in Swahili w/local tunes, many tent IDs, definitely Swahili, 3/19 (Ulmer, LA); 0358, Swahili, short mx anmt, drum IS, pips and TC by OM, ID and into Swahili nx, ID, "ya Taifa de Radio Tanzania ar Dar es Salaam," 3/12 (Stephany, NY); 0350 (Parks, FL)

9750t 1728 RT; EE, tx by YL w/ID, "You are listening to...external svc..." bouncy 1940's style pop, 3/13 (Peck, NY)

TOGO  
5047

0515

RTV Togolaise; FF, tone to 0525, NA at 0529, s/on w/ID and tx, 3/20 (Ulmer, LA); s/on w/chime IS (Wilkins, CO, Rising, CA, Sharp, FL); 2228, high life mx (Peck, NY)+2

TRANSKEI

3930 0357

Capital Radio; rock mx, ID, "The news from Capital Radio" wx, tough copy (Fisher, MA); 0437, 4/14, in nice when AR0s aren't w/rock mx, EE DJ, tough copy when QRM starts (Nikolich, IL)

TUNISIA

7225t 0458

RTVT; chants, OM w/poss. ID at 0500, QRM de Radio Moscow (Palmer, WA); AA, possible ID, but QRM

from a ham ruined it, 3/23 (Manning, TX); 2333, eerie sounding Koran, NA by orchestra, carrier off 2337 (Peck)

UPPER VOLTA

4814 0607

R. Haute Volta; FF, 1cl mx px by OM, brief ID as "R. Haute Volta," ANO splatter on 4811, 3/30 (Sharp, FL); FF, comments about unsuccessful coup in Ghana, disco and high life mx, 3/5 (Wilkins, CO)

ZAMBIA

4910 0426

Radio Zambia; my first log of this one after years of trying...Afro choir mx at tune-in, clear ID as "Home Svc ya R. Zambia," then more choir mx, possible EE anmt at 0500, then nx in EE, very elusive here, 3/6 (Cunningham, OH); 0346, EE/Vern, fish eagle IS, NA at 0351, EE ID by OM at 0353, into tx or prayer, 0400, ID and mx, 3/22 (Konen, WI); 0412, alternate sets of 1cl mx, OM tx w/mentions of Zambia, 3/29 (Speer, CA); 0350, outstanding reception of EE bcst, 3/30 (Sharp, FL)

ZAIRE

6125 t 0725

LV du Zaire/Kananga; afro high life mx, FF mention of Zaire, poor under VOA, 3/27 (M. Witte, CA)

15245 0126

LV du Zaire; FF, high life mx, 1cl chants, DJ would fade-out mx every few minutes or so...3/30 (Sharp, FL); 0204, Vern, OM/YL tx & laugh between good Afro mx, mentions of Angola, no ID hrd, 3/30 (Thompson, CA); 0050, jazz and nice-sounding afro mx, 3/22 (Konen, WI)

Several persons have commented favorably to the new masthead. Stu Hall, not knowing I designed a new masthead, made up this one for me. Thanks, Stu. I appreciate your thoughtfulness! 73 til June. Mike.

# BIG BABY

When Sithandive was lifted from his 11 year-old mother's womb by Caesarian section, he let out a roar. The nurses ran from the delivery room in terror.

The doctor, who is superintendent of South Africa's Sipepu Hospital, was obliged to finish the delivery alone: he cut an umbilical cord as thick as a man's forearm, washed the giant baby, then weighed him.

The child weighed 10.5 kilograms (23 pounds) and measured 69 centimetres (2 feet, 3 inches) when he was born last May in the Mount Frere region of Transkei, South Africa.

Sithandive means: "We are blessed."

The nurses were amazed at his supine rights after birth.

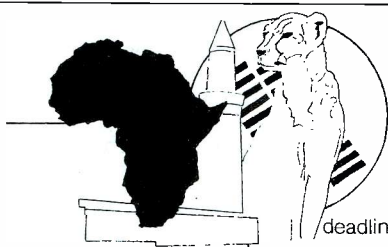
He not only drained his mother's breasts dry, but immediately drank a cup of baby food with only a little assistance from the nurse. He was born with two teeth.

Today the world's largest recorded baby consumes 750 grams of powdered milk per day, 800 grams of baby food, eggs and mashed potatoes plus his mother's milk.

He now weighs more than 25 kgs. and has the proportions of an eight-year-old.



--Africa Now, 4/83



## speedx AFRICA

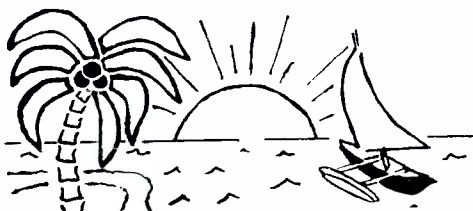
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# ASIA-OCEANIA

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FREQUENCIES IN KILOHERTZ

TIMES ARE IN GMT

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

To put it in Peggys words I have pulled the old switcheroo. As most of you learned last month I am your new A/θ editor. After 29 Europe columns I was ready to switch to another column. I'm a Libra and as you astrology lovers know a Libra likes variety. In a couple of years I will be ready to switch again to something else. Unless I get hit by a truck this column will be sure to appear every month.

This column will hereafter go strictly by the SPEEDX EDXC Country List. In the Asia section there is one change, Cambodia is now Kampuchea. Other than that the list is exactly the same.

Here's R.Beijing.

**C H I N A** R.Beijing  
2475 1338 RB: EE/CC-OM & YL w/EE lessons.(232 4/1 Lucas-CA)  
4815 1458 RB: RR-OM & YL w/"Govorit Peking".(good 3/19 Sheedy-CA)  
4905 2220 RB: CC-YL w/long talk, fade by 2245.(322 3/11 Famularo-NJ)  
5030 1235 RB: EE-"Lets Learn to Speak Chinese" by OM-YL(333 4/1 wilkins)  
5240 1150 RB: ??-YL w/talks, //5900.(333 3/31 Hotaling-NV)  
6933 2230 RB: SS-Chinese mx, & YL w/talks,(343 3/8 Famularo-NJ)  
9064 1540 RB: CC-Chinese opera, singing, IDs.(good 3/30 Sharpe-CA)  
11515 2040 RB: EE-Nx pgm, mx pgm, & cmtry.(333 3/20 Stein-NJ)  
11735 1450 RB: EE/CC-English lessons, QRM R.Nederlands.(211 4/1 Lucas-CA)  
11900 1210 RB: EE-Asian nx pgm, cmtry on defense.(343 3/4 Thunberg-PA)  
15120 0130 RB: EE-Play about youths. The thunder sound effects were awful (323 4/1 Talbot-WI) welcome to the pages of SPEEDX again Larry. (Smith-FL)(Preston-??)(Jones-TX)(McCants-AL)(Hesch-NY)(Schroeder  
15225 1000 RB: CC-Talks in CC, nx? (333 3/27 Burrows-MI)(Duncan-NC)  
15500 1815 RB: PS-YL w/talks in Persian.(222 3/29 Palmer-WA)  
15520 0045 RB: EE-"Letterbox" w/talk on SWLing & DXing.(454 3/16 Fraser-MA)(Salomon-CA)  
17650 0030 RB: EE-YL & OM w/spring festival quiz.(444 3/22 Langlois-GA)(Curnell-OR)  
17855 0100 RB: EE-Nx pgm, folk songs, & Listeners Letterbox.(545 4/4 McKeon-IN)(Duncan-NC)  
17860 0045 RB: EE-Cmtry on US & Soviet disarmament.(454 3/24 Coyle-PA)(Johnson-??)  
17885 0045 RB: EE-the "Listeners Letterbox"(444 3/16 Thunberg-PA)

**I N D I A** All India Radio  
7412 1530 AIR: EE-YL w/nx, ID "This is All India Radio"(333 3/12 Palmer  
9950 1520 AIR: EE-YL w/nx pgm, ID. No mx.(fair 3/23 witte-CA)  
11620 2220 AIR: EE-Cmtry on non-aligned nations.(222 3/22 Mathew-MA)(343 4/4 Johnson-IL)  
15270 2335 AIR: EE-Cmtry, pgm of folk songs.(222 3/20 Zilmer-NM)

**I N D O N E S I A** Voice of Indonesia  
3215 1221 R.Manado: IN-Western style pop mx.(232 3/15 Schlesinger-TX)  
3325 1251 R.Palangka: IN-OM w/pop mx pgm.(343 3/12 Schlesinger-TX)  
3345 1218 R.Ternate: IN-Western pop mx pgm.(343 3/15 Schlesinger-TX)  
4719 1215 R.Ujung Pandang: IN-OM w/nx pgm. No utes.(343 3/5 Wilkins-CC)  
4875 1206 R.Sorong: IN-OM & YL w/talks.(342 3/11 Schlesinger-TX)  
5045 1256 R.Yogyakarta: IN-YL w/talking, talking, & talking.(243 3/19 Schlesinger-TX)  
11770 1440 R.Jakarta: IN-Indonesian pop mx pgm.(fair 4/4 Sharpe-CA)  
11790 1400 VOI: EE-YL w/s/on annc, OM w/nx.(322 3/19 Schlesinger-TX)

Not enough room here to start Iran. If you don't have a copy of the SPEEDX EDXC country list you can order one from Jack Jones, 304 Robinhood Road, Jackson, MS 39206. Enclose \$1.00 to help Jack pay for the postage and manila envelope. Why not order a copy and keep score. It has a place to check off each country as you log or verify it by a QSL.

I R A N

9022 1930 VOIRI: EE-Nx pgm, Iranian mx, OM w/yalks.(343 3/26 Muzyka-NY)(Ulmer-LA)  
 15084 0432 VOIRI: FA-OM w/talks & mx.(444 3/8 Traver-CA)(Curnell-OR)

I R A Q

R.Baghdad  
 9745 2216 RB: EE-OM w/talks, ID, mx pgm.(444 3/19 D'Angelo-CA)

I S R E A I

Kol Yisreal  
 7410 0100 KI: Nx pgm, cmtry on the Nazi Holocaust.(433 4/11 McCants-AL)  
 (423 3/12 Schroeder-WI)  
 9815 0000 KI: EE-Nx pgm, story called the "Magician".(434 3/25 Manning-TX)(453 3/14 Hesch-NY)  
 9815 2235 KI: EE-YL w/nx pgm, short talk by Begin.(434 3/13 Schroeder-WI)(Opitz-VA)(Johnson-IL)(Karns-OH)(Fraser-MA)(Stein-NJ)  
 9825 2236 KI: EE-OM-YL w/nx pgm & wx report.(434 4/6 Fisher-WI)  
 9895 2230 KI: EE-YL w/mx pgm, nx, & ID.(444 3/4 Langlois-GA)  
 11640 2245 KI: EE-talk on quality of life in Isreal.(444 3/20 Langlois-GA)  
 11655 0200 KI: EE-Wld nx pgm, mailbag pgm "Calling All Listeners.(544 3/27 Salomom-CA)(Opitz-VA)(Palmer-WA)(Stein-NJ)(Preston-CA)(Jones-TX)  
 17630 1200 KI: EE-ID, Nx pgm by YL.(333 3/27 Hosmer-MI)

J A P A N

R.Japan  
 3925 1305 NSB: JJ-YL w/talks, & mx pgm.(433 3/9 Hotaling-NV)  
 3945 1044 NSB: JJ-Pop mx pgm, OM w/"News Today"(534 3/3 Thompson-CA)  
 9505 1522 RJ: EE-OM w/disc on SW Receivers, ID.(444 3/28 Preston-CA)(Cox-CA)(Piatelli-CA)(Muzyka-NY)  
 9675 1902 RJ: EE-Nx pgm, Lets Learn Japanese.(454 3/3 Trent-AK)  
 9595 0620 RJ: JJ-OM rapidly reciting numbers in JJ.(333 3/8 Traver-CA)(Ulmer-LA)(Zilmer-NM)  
 11705 1832 RJ: EE-OM-YL w/anncd plans for new tx.(343 3/27 Rising-CA)  
 15135 0500 RJ: EE-Wld nx pgm, talk on balance of trade w/US.(454 3/28 O'Riordan-ID)(Zilmer-NM)  
 15300 0503 RJ: EE-OM w/wld nx, ID, & freqs.(344 3/24 Curnell-OR)(Schlesinger-TX)  
 17755 0300 RJ: EE-IS, IDs, & nx pgm.(252 3/10 Famularo-NJ)(Salomom-CA)  
 17825 0010 RJ: EE-"Learn to Speak Japanese".(333 3/17 Coutermarsh-VT)(Curnell-OR)  
 21640 0130 RJ: EE-Report on the arrival of the Enterprise.(343 3/22 Thunberg-PA)

K A M P U C H E A VOK

11938 1249 VOK: LA/VT-YL & OM w/talks.(333 3/10 Konen-WI)

K O R E A

(north) R.Pyongyang  
 4120 1400 Revolution Party: EE-Freqs, skeds, nx pgm.(242 3/26 Zilmer-NM)  
 4730 1404 RP: SS-Cmtry, mx pgm to 1427.(fair 3/19 Sheedy-CA)  
 9360 0618 RP: EE-OM w/nx pgm.(222 3/21 Berri-CA)  
 9745 1235 RP: EE-Patriotic singing, ID.(343 3/8 Brewer-AR)(Breville-MO)(Curnell-OR)(Cox-LA)  
 9977 1512 RP: EE-OM w/talk on Reagan "space war"(243 3/28 Preston-CA)  
 15230 2315 RP: EE-Nx pgm, Korean mx, cmtry.(444 3/6 Rising-CA)(Speer-CA)(Salomom-CA)

K O R E A

(south) R.Korea  
 9570 1003 RK: EE-YL w/nx pgm, talk on visiting govt officials.(222 3/28 Burrows-MI)(Cox-CA)  
 9750 1346 RK: EE-Talk on the 2nd South International Marathon race.(323 3/28 Drollinger-WI)  
 15575 2227 RK: EE-Mailing Address given in EE, FF, AA. Broadcast times given for Euro, N.Amer, Mid East, & General Ser.(333 3/5 Drollinger-WI)

K U W A I T

R.Kuwait  
 9840 0400 RK: AA-Presumed nx by OM-YL.(343 3/17 Rising-CA)  
 9880 0444 RK: AA-Arabic mx by YL.(333 3/28 Palmer-WA)  
 11675 1830 RK: EE-Nx pgm, western mx, nx pgm.(333 4/2 Muzyka-NY)(Zilmer)

L E B A N O N R.Lebanon

6215 0435 Voice of Hope: EE-US pop mx, OM w/rel talk, nx.(232 3/1 Ray-PA)  
 9545 0230 RL: EE-YL w/nx pgm, theater pgm.(333 3/31 Krist-VA)

M A L A Y S I A (East) R.Malaysia (Kuching)  
 4950 1445 RM: EE-OM-YL w/disc of agriculture & livestock.(222 3/28 Preston-CA)(Schlesinger-TX)(Sharpe-CA)(Hotaling-NV)  
 5965 1500 RM: MA-Traditional Malaysian mx.(fair 3/15 Sharpe-CA)((  
 5980 1223 RM: EE-YL w/pop mx pgm, & ID.(poor 3/3 Parks-FL)  
 7160 1445 RM: EE-Stock mx report, mx, freqs.(333 3/24 Zilmer-NM)  
 7295 1440 RM: EE-Pop instru mx, YL w/ID.(poor 3/27 Sharpe-CA)  
 15295 0700 RM: EE-Easy listening mx, radio play.(332 3/19 Brenesal-FL)

M A L D I V E S Voice of the Maldives  
 9553 0345 VOM: ??-YL w/mx pgm, wiped out by R.Moscow.(121 Steck-IL)

M O N G O L I A R.Ulan Bator  
 12070 1216 RUB: EE-Caught the end of a cmtry, then into a culture pgm. Folk tunes, YL w/ID, address, & IS.(151 4/8 Stephany-NY)  
 RUB: EE-OM & YL w/nx pgm.(222 3/29 Rising-CA)  
 RUB: EE-Nx pgm, (232 3/19 D'Angelo-PA)

N E P A L R.Nepal  
 9590 1147 RN: NP-IS a weird Himilayan sound, ID clear at 1150 by OM, then into mx selections.(131 4/8 Stephany-NY)

P A K I S T A N R.Pakistan  
 11670 1658 RP: EE-"You are listening to the world service of R.Pakistan" YL w/pgm of nx.(333 3/3 Carlson-WA)  
 17640 1600 RP: EE-ID, OM w.pgms of nx.(233 3/26 Hosmer-MI)(Zilmer-NM)  
 17895 0216 RP: BE-Bengali mx selections, then YL w/nx.(242 Palmer-WA)

P H I L L I P P I N E S FEBC  
 9510 2200 FEBC: ??-IS & various IDs in an unknown lang mentioning Manila A religious pgm @ 2200.(433 3/28 Hosmer-MI)  
 11890 0924 FEBC: EE-Mx & rel pgm, ID & time @ 0930.(232 3/19 Baxter-KS) (242 3/20 Muzyka-NY)

S A U D I A R A B I A Bcst Service of Kingdom of Saudi Arabia  
 9885 2135 BSKSA: AA-Chants, mx pgm, OM w/talks.(333 3/11 Famularo-NJ) How many of you can speak or understand Arabic? I can't even understand Spanish which is probably the easiest language to learn. I know one word UNO and I got that from playing the card game. I've heard that English is the hardest language to learn, but Arabic seems to have a different chant for every-thing. Or maybe the chanting is some kind of religious thing. After all what do I know? .....tml  
 11685 0410 BSKSA: TU-Chanting to 0411, then OM w/talk in Turkish.(422 Palmer-WA)(Karns-OH)  
 15060 0420 BSKSA: TU-OM w/talks in Turkish.(444 3/8 Traver-CA)(Curnell-OR)

S I N G A P O R E R.Singapore  
 5052 1455 RS: EE-Pop mx pgm, ID as "This is the Singapore Bcsting Corp" Nx pgm.(544 3/23 O'Riordan-ID)(344 3/5 Rising-CA)(Schlesinger TX)(Wilkins-CO)  
 6010 1255 BBC: CT-IS, "This is London" YL w/talks.(444 3/9 Hotaling-NV)  
 6065 1200 BBC: EE-OM w/ID, talk on a traveling theater group.(333 3/24 Cox-LA)  
 6195 0900 BBC: EE-Wld nx pgm on the British Press Review.(444 3/14 Schlesinger-TX)  
 9740 1540 BBC: EE-a stort "John Bunyan's Pilgrimage"(544 4/1 Thompson-CA)  
 11940 1503 RS: EE-OM w/nx pgm, YL w/soft rock mx.(333 4/1 Lucas-CA)(Palmer-WA)(Thompson-CA)(Sharpe-CA)

T I A W A N VOFC Voice of Free China  
 11745 1140 VOFC: JJ-YL w/CC lang lesson, ID, & mx.(333 4/1 Famularo-NJ)  
 15125 0437 VOFC: CC-OM & YL w/a radio drama.(242 3/8 Traver-CA)  
 17800 2232 VOFC: EE-OM w/talk on the Chinese calendar.(353 3/10 Robichaud -NB)(433 3/29 Speer-CA)

T U R K E Y Voice of Turkey  
 9560 2215 VOT: EE-DX pgm, Amer singers are heard.(545 3/2 Robinson-TN) (444 Krist-VA)(343 Fraser-MA)(433 Muzyka-NY)(545 Card-RI)((333 Hotaling-NV)(233 3/26 Drollinger-WI)(434 3/13 Schroeder-VOT: EE-Freq & Sked, then mx pgm.(222 3/24 Zilmer-NM)

There are 48 countries on the SPEEDX EDXC country list for Asia.

UNITED ARAB EMIRATES UAE Radio

11755 0330 UAE: EE-YL w/nx pgm, ID, & IS.(333 3/1 Carlson-WA)  
15300 1615 UAE: EE-OM & YL w/a pgm about Muslim tribes.(333 4/7 Fisher-WI)  
15320 1631 UAE: EE-YL w/ID. nx, (222 3/11 Coutermarsh-VT)  
21655 1616 UAE: EE-Request for reception reports, pgm of jazz mx, and nx.  
(223 4/2 McKeon-IN)(433 3/24 Famularo-NJ)

VEITNAM Voice of Veitnam

15010 2030 VOV: EE-YL e/nx pgm, then listeners letters, & mx requests.(  
(343 3/27 Krist-VA)(232 Palmer-WA)(333 Thunberg-PA)(Drollinger)

This next is out of order. It's time for a break my eyes are running together. I'm not the best typist in the world but when I start making a mistake in every sentence it's time to put on a pot of coffee for a little perk up.

SRI LANKA Sri Lanka Bcst Service

9720 1255 SLBC: EE-Rel pgm, full ID @ 1259. (333 3/28 Drollinger-WI)  
(333 Konen-IL)(333 Baxter-KS)(353 Stephany-NY)  
15425 0232 SLBS: EE-YL w/mx requests, OM w/listeners letters.(343 3/27  
D'Angelo-PA)

YEMEN (Arab Republic) Radio San'a

9780t 0308 RS: AA-Chants & OM w/talks.(242 3/28 Rising-CA)(333 3/15  
Brenesal-FL)

O C E A N I A the Pacific

A U S T R A L I A R.Australia

5995 1240 RA: EE-Rock mx, pgm notes, & wld nx.(353 3/1 Ray-PA)(Coyle-PA)(Schlesinger-TX)(Preston-CA)(Burrows-??) I wish that RA wouldplay more of their native mx and have some cultural pgms once in a while. They seem only to play western rock & pop mx which is in the V. Maybe I'll write the station and complain. Do you suppose it would do any good? Sure it would if enough people wrote in. The listeners have saved R.New Zealand on more than one occasion. I suspect that R.New Zealands so-called government action to close down the station was only a ploy to get some input from their listeners. What do you think about that? Maybe someone has some facts on the subject. If so let us hear from you. ....tml  
6045 1244 RA: EE-Talks on the water shortage.(333 3/18 Schlesinger-TX)  
6090 0809 VLI6: EE-Sports scores. Woodpecker QRM.(232 3/14 Schlesinger-RA: EE-OM w/"Sports Roundup"(444 3/27 Curnell-OR)(Piatelli-CA (444 Cox-CA)  
9610 1513 RA: EE-Mx pgm, wx report, & mx.(543 3/21 Thompson-CA)(Manning-TX)(Drollinger-WI)(D'Angelo-PA)(  
9710 1620 RA: EE-the Australian Radio DX Club.(434 3/20 O'Riordan-ID)  
9760 0735 RA: EE-OM w/nx pgm & ID.(433 3/20 Konen-WI)  
9770 1113 RA: EE-Talk on foriegn aid.(444 3/10 Mathew-MA)  
12290 0800 RA: EE-Nx pgm, & cmtry.(352 3/20 Muzyka-NY)  
15115 1012 RA: EE-Pop mx pgm.(very weak).(132 3/28 Burrows-MI)  
15160 0605 RA: EE-OM w/nx pgm, & rock mx.(233 3/2 Preston-CA)(Curnell)  
15320 0532 RA: FF-YL w/mx pgm,(433 3/8 Traver-CA)  
17725 0310 RA: EE-OM w/sports nx, & mx.(322 3/29 Hosmer-MI)  
17795 0412 RA: EE-Talk on birth control on China.(good 3/27 Sharpe-CA)(Johnson-IL)(Duncan-NC)(Speer-CA)(Piatelli-CA) The article on birth control reminds me of a statistic that I have tucked away. I keep a list of statistics on a variety of subjects. One that comes to mind now is the fact that there are 93 million people who live in China with the same last name. That name is Ping. I heard that on R.Beijing about a year ago. Look at the plus side, if you don't like to talk on the phone it's as good as having an unlisted number. ....tml  
17870 0324 RA: EE-Mx by Linda Rondstadt.(222 3/14 Coutermarsh-VT) I bet I misspelled her name but she probably isn't reading this anyway so it don't matter. ....tml  
21470 0155 RA: EE-Mx pgm, wld nx.(353 3/11 Krist-VA)  
21680 0034 RA: EE-Aussie top 40 mx.(242 3/14 Schlesinger-TX)  
21740 0205 RA: EE-Local & wld nx by OM.(453 3/10 Hesch-NY) + 9

C O O K I S L A N D S R.Cook Islands

11760 0818 RCI: EE-Various IDs, mx pgm & s/off w/anthem.(333 3/19 Baxter-KS)(232 Preston-CA)(Konen-WI)(Moman-ALB)

M A R I A N A I S L A N D S KYOI Trans World Radio

These two stations in Saipan & Guam have been reported as Saipan which is where KYOI is, they have also been reported as Japan, Guam, or just United States. These stations are all a part of the Mariana Islands and should be reported that way. According to our official country list that's the way it reads. If we are going to have an official list then let's go by it. Also if the majority thinks it isn't right then let's change it. It makes things simpler for everyone if we all go by the same list. I know that may not be possible if you belong to several clubs. For reporting purposes though this column will go by the EDXC country list.

9505 1538 KTWR: EE-the DX Listeners log.(322 3/19 Schlesinger-TX)  
 9510 1500 KTWR: EE-the "Through the Bible" pgm.(333 4/4 Zilmer-NM)  
 9585 1017 KTWR: RR-Talk on Afr missionary work.(444 3/14 Schlesinger-TX)  
 9670 1906 KYOI: EE-US pop mx, ID as "Super Rock Kyoi"(343 3/28 Drollinger WI)(Curnell-OR)(Hosmer-MI)(D'Angelo-PA) Remember when listening for the ID of KYOI that it is pronounced "choy" ...tml  
 11840 0857 KTWR: EE-OM-YL w/rel pgm "Unshackled"(444 3/19 Rising-CA) (322 3/29 Schlesinger-TX)  
 11900 1450 KYOI: EE/JJ-Mx pgm, ID @ 1500. ID sounds like "choi" (322 3/5 Muzyka-NY)(Wilkins-CO)(Schlesinger-TX)  
 15190 0510 KYOI: EE/JJ-OM & YL w/ID, cont rock mx.(354 3/8 Traver-CA)

N E W C A L E D O N I A R.Noumea

7120 0900 RN: FF-Mx pgm & nx.(323 3/13 McKeon-IN)  
 7170 0715 FR3: FF-2 OMs w/public affairs pgm.(343 3/21 Schlesinger-TX) (Baxter-KS)(McKeon-IN)(Rising-CA)

N E W Z E A L A N D R.New Zealand

11960 0720 RNZ: EE-Mx pgm, ID, & nx pgm.(444 323 Carlson-WA)(McKeon-IN) (Rising-CA)(Schlesinger-TX)  
 15485 0600 RNZ: EE-Nx pgm, weather, mx pgm, sports, & nx.(good 3/19 Koehler-IL)(Muzyka-NY)(Preston-CA)(Johnson-IL)(Traver-CA) (Hosmer-MI)(Preston-CA)(Robichaud-NB)(Duncan-NC)  
 17705 0445 RNZ: EE-Religious mx for Easter.(242 4/3 Zilmer-NM)(Stephany)

P A P U A N E W G U I N E A (list is too long to print here)

If you wish to log these stations try to get a copy of last months Popular Communications. It has an excellent article on the country as well as a list of 29 stations on the air and audible early mornings in N.Amer. The list gives station name, freq, power, and address for QSLs. ....tml  
 3260 0917 R.Madang: EE/PD-South sea island mx, ID.(poor 3/13 Witte-CA)  
 4890 0805 National Best Commision: ??-OM w/talks, several mentions of New Guinea.(322 3/30 Hotaling-NV)(Gadallah-ALB)(Rising-CA) (McKeon-IN) This is the most commonly heard station from New Guinea. Their power is 10 kw. ....tml  
 9520 0755 NBC: EE-Mx pgm, ID, local nx by OM.(322 3/2 Carlson-WA)

S O C I E T Y I S L A N D S R.Tahiti

6135 0600 RT: FF-Island mx, Fair on 15170 & 9750.(333 3/19 Moman-ALB)  
 11825 0610 RT: FF-Polynesian mx, YL OM w/talks in FF.(333 3/17 Preston-CA)(444 3/18 Thompson-CA)  
 15170 0347 RT: ??-YL-OM w/talks, mx pgm w/"My Bonnie Lies Over the Ocean" (444 3/6 Alexander-NC)(344 Taylor-SD)(454 Traver-CA)(333 McKeon-IN)(433 Hill-SC)(353 Rising-CA)(Piatelli-CA)(454 Ulmer)

S O L O M O N I S L A N D S Solomon Islands Best Service

3945 0855 R.Vanuta: ??-Lite pop mx, heavy QRM.(322 3/14 Schlesinger-TX)  
 5020 0825 SIBC: PD/EE-YL-OM w/talks, ads.(222 3/30 Hotaling-NV)(433 Gadallah-ALB)(Moman-Alb)(Risinc-CA)(Schlesinger-TX)  
 9545 0700 SIBC: EE-ID, weather, commercial for auto batteries.(fair 3/31 Sharpe-CA)(Carlson-WA)(Thompson-CA)(no name)

WHAT WOULD LIFE BE IF WE HAD NO COURAGE TO ATTEMPT ANYTHING ?

A N T A R T I C A

6012 1058 AFAN: EE-Pop mx pgm, OM w/ID "This is AFAN McMurdo, the worlds southernmost radio station. Almost gone by 1130.(222 3/16 Stephany-NY)  
 15476 0015 R.Nacional: SS-OM w/ID, & talks.(253 3/28 Rising-CA)(333 Moman-ALB)(Cunningham-OH)(Card-RI)

U S S R (asians)

4930 2358 Tuymen: TK-Classical mx pgm, IS, & ID.(good 3/25 Parks-FL)  
 9580 0614 Blagoveschensk: EE-YL analyzing why the Germans voted in favor of Amer missiles.(333 3/8 Traver-CA)  
 9780 0557 Mayak: RR-Good mx (no Rock), IS, ID, & nx.(444 3/5 Palmer-WA)  
 11710 0715 Petropavlovsk: EE-OM-YL w/"Reviewing Your Letters"(444 3/8 Traver-CA)  
 11755 0733 Vladivostok: EE-OM w/talk on animal rights in Soviet Union. (333 3/8 Traver-CA)  
 11990 0755 Mayak: RR-IS, YL w/nx pgm.(333 3/8 Traver-CA)  
 15140 0442 Petropavlovsk: EE-OM interviewing Robert Estes who is distributing Soviet TV cartons in US. (322 3/8 Traver-CA) Did my eyes read that right? Distributing TV cartons? They surely must be running out of people to interview. Maybe we need to write R.Moscow and give them some new topics. ....tml  
 15470 0541 Petropavlovsk: EE-OM & YL interviewing a Soviet lawyer.(They don't have many) Then mx pgm.(333 3/8 Traver-CA)

Since we have some room left I'm going to list the countries as they appear in the EDXC country list.

Afghanistan	Andaman Islands	Bahrain	Bangladesh
Bhutan	Brunei (UK)	Burma	Cambodia
Chagos Archipelago	China	Christmas Is.	Cocos Is.
Cyprus	Hong Kong (UK)	India	Indonesia
Iran	Iraq	Isreal	Japan
Korea (north)	Korea (south)	Kuwait	Laos
Lebanon	Macau	Malaysia (east)	Malaysia (west)
Maldives	Mongolia	Nepal	Oman
Pakistan	Phillippines	Qatar	Saudi Arabia
Singapore	Spratly Is.	Sri Lanka	Syria
Tiawan	Thialand	Turkey	United Arab Em
Veitnam	Yemen Arab Republic	Yemen Peoples Rep	

There you have the list of Asians. We had 24 of them represented in this months column. Next month if space allows I will list Oceana countries.

Several of you logged VNG and sent it to me. This is an Australian time station and is therefore classified as a UTE so it should go to the UTE editor.

This is about all I have so unless John or Rick needs a space for a note or whatever you will have a "white space" at the bottom.

73 and the Best to You !

*Jerry*



# WORLD SERVICE STATION SKEDS

EMISSIONS

## PROGRAMMI

TRASMISSIONI

BULLETIN DE PROGRAMMES

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

PROGRAMS

ENGLISH SERVICE

SERVIZIO

PROGRAMME SCHEDULE

Deadline: 12th

COMUNICATI NEL CORSO

Hello everyone! Sorry about there being no STATION SKEDS column last month but your editor became quite sick and was bedridden for about 10 days with an intestinal inflammation. Things are back to normal again though so let's get on with it, shall we?

The first Sunday in May marks the start of the long summer "J83" broadcasting period which lasts until the first Sunday in September. Also, some European countries let local summertime effect their shortwave broadcasts as well with transmissions being an hour earlier. Remember all times are in UTC and unless otherwise noted, schedules are for English programs. Items from the BBC Monitoring Service are copywrited and used by permission.

ALGERIA. Radiodiffusion-Television Algerienne in Algiers has this undated English schedule.  
2000-2030 9685, 15160, 15215, 15370

(K. Krist.)

ARGENTINA. RAE (Radiodifusion Argentina Al Exterior) in Buenos Aires sends this schedule dated the 2nd of February.

0100-0130 6060, 11710, Americas 15345  
0230-0300 6060, 11710, " 15345  
0430-0500 6060, 11710, " 15345  
1100-1130 11710 Far East  
1200-1230 11710 "

1930-2000 15345 Europe/ME/Africa  
2230-2300 15345 Americas

(D. Black, P. Card)

BULGARIA. Radio Sofia has released their English schedule for broadcasts to Europe and North America, valid as of March 6th, 1983

0000-0100 9700, 15110  
0400-0500 11860  
0730-0800 11720, 15110  
1930-2000 11720, 15110  
2130-2200 11720, 11860, 11920  
2230-2330 9700, 15110

(R. Cleveley, R. Drollinger, R. Hesch, K. Krist, D. Sharp, T. Smith, P. Wetttensten)

CHINA. Radio Beijing, the North American Service. Effective on March 1, 1983

0000-0100 15120, 15520 ECNA  
0100-0200 15120, 15520 ECNA

CHINA: Continued.

0200-0300 15120 ECNA  
0300-0400 11650, 15120, 15520 WCNA  
0400-0500 11650, 15120 "  
1200-1300 15520 ECNA  
(P. Card, S. Leite, M. Mahoney, C. Shryock.)

CZECHOSLOVAKIA. Radio Prague, undated English schedule to North America. Seldom changes!

0100-0157 5930, 7345, 9540, 9740, 11990, 9630, 11970  
0300-0357 same as above.  
(J. Demmitt, C. Radtke, R. Yajko.)

EGYPT. Radio Cairo. North American sked valid until June 1983.

0200-0330 9475, 12000  
(W. Muzyka.)

FINLAND. Radio Finland in Helsinki has this North American Service sked valid from March 27th until April 30th, 1983

1100-1125 15400, 17800 Mon thru Sat.  
1200-1225 15400, 17800 "  
1300-1325 15400 "  
1230-1425 15400, 17800 Sundays  
1400-1425 15400, 17800 Monday thru Sat  
(D. Claytor, R. Cleveley, Ruckman, R. Yajko)

FRANCE. Radio France Internationale in Paris. The English program called "PARIS CALLING AFRICA".

1600-1700 6175 Europe  
15300 North, West, East Afr.  
15315 North Africa  
17620 North, East, West Afr.  
21580 Central, South Africa

<u>FRANCE:CONTINUED.</u>		<u>ITALY:</u> continued.	
21620	East Africa	0425-0440	6165 Mediterranean Area
21685	West Africa		7275 "
(C. George, K. Krist, A. Rising)		1935-1955	7275 Great Britain
			9710 "
			11800 "
<u>GERMANY</u> (Federal Republic): Deutsche Welle, North American Service as taken from the 2/83 edition of "Hallo Friends".		2025-2045	7235 Near East
0100-0150	6040, 6085, 6145, 9545, 9565, 9640, 11865, 15105		9575 "
			11800 "
0500-0550	5960, 9545, 9690, 11705, 11905	2200-2225	9710 Japan
			11800 "
			15330 "
Some of these frequencies are from relay stations in Malta, Antigua, etc. Consult WRTVH for more info. (D. Claytor.)		(R. Cleveley, F. Gonzalez, K. Krist, T. Smith)	
<u>GUAM.</u> KTWR in Agana. This schedule is dated 2/83.		<u>FALKLAND ISLANDS</u> (sorry, so much out of order). Current schedule from Port Stanley.	
0745-0900	17825 Saturday, Sunday	0900-1730	3958 3.5 kw
0745-0930	11840 daily	1930-0130	2370 "
1400-1430	9505 "	The 0900 transmission is being heard here in the USA from 0900-1000. Try for it. (R. Lucas)	
1500-1600	9505 "	<u>NEW ZEALAND.</u> Radio New Zealand, sked valid from March 5th until May 31st 1983.	
1445-1500	11920 Thurs, Fri., Sat. (P. Card)	0830-1215	9620 Australia/NW Pacific
			11960 Pacific
<u>HOLLAND.</u> Radio Netherlands in Hilversum. North American Service valid until June 1983		1800-2100	11960 "
0230-0325	9590, 6165 ECNA		15485 "
0530-0625	9715, 6165 WCNA	2115-0815	15485 Australia/NW Pacific
All transmissions are via the Bonaire relay base. (C. Shyryock)			17705 Pacific
		(C. Coyle, F. Weikel)	
<u>ISRAEL.</u> Kol Israel has this North American Service sched valid until the first of May.		<u>NORWAY.</u> Radio Norway has the following J83 schedule for their Sunday (* = Monday GMT) English program called "Norway Today".	
0000-0030	7410, 9815, 11655	0000-0030*	11850 South Asia/Australia
0100-0130	7410, 9815, 11655		11870 "
0200-0230	7410, 9816, 11655		15175 "
0500-0515	9440, 9815, 11637, 15105	0400-0430*	9610 Western N. America
RESHET BET - HEBREW TO NORTH AMERICA			11870 North Pacific
0400-0615	9385, 11655		15175 Africa/Pacific
0615-1200	17630	0500-0530*	6015 North Europe
0615-1400	21777		11870 Middle East, E. Africa
1800-2000	15105		15175 "
1800-2310	13725		17840 Middle East, India
2000-2310	11610, 9385	1000-1030	6015 North Europe
RESHET HEH			15205 South Asia, Australia
0030-0100	9815 USA/Canada		15225 Far East, NZ, Austral.
	7410 USA/Central Amer.	1300-1330	17825 South Asia, Australia
(Brenesal, P. Card, G. Duncan, J. Levin, W. Muzyka, J. Sill, F. Weikel)			6015 North Europe
			9590 Mediterranean Area
			25615 Middle East, E. Africa
			25730 West Europe, W. Africa
<u>ITALY.</u> RAI-Rome. This M83 sked is valid until the end of April.		1400-1430	6015 North Europe
0100-0120	9575 North America		11870 North Pacific
	11800 "		15175 Eastern North America
			17840 South America
0350-0410	9710 South Asia	1600-1630	6015 North Europe
	11800 "		17830 Middle East, E. Africa
	21560 "		21700 "
			25730 Middle East, Africa

NORWAY: continued.

1700-1730 6015 North Europe  
 15205 W. Europe, S. Amer.  
 17715 South America  
 25730 Middle East

1900-1930 9590 Europe  
 15205 South America  
 17715 Middle East, Africa  
 17840 "

2000-2030 9590 Europe  
 15165 South Asia, Austrl.  
 15175 Far East, NZ  
 17840 Europe, Africa

2200-2230 11870 South Asia, Austrl.  
 15175 "  
 15225 Far East, NZ

(D. Claytor, M. Harris, T. Smith)

POLAND: continued.

0300-0330 6095, 6135, 9525, 11815,  
 15120  
 1130-1200 9525, 11840, 17865  
 (M. Flannagan)

ROMANIA. Radio Bucharest. North American Service. Undated.

0200-0300 5990, 6155, 9510, 9550,  
 0400-0430 9570, 11810, 11940  
 (R. Cleveley)

SWEDEN. Radio Sweden, M83 schedule to North America.

0230-0300 9695, 11705  
 2300-2330 9695, 11705  
 (R. Cleveley, D. Jones)

OMAN. Radio Oman in Muscat sends this undated current schedule.

0200-0600 9510 Arabic  
 0200-0805 11890 "  
 0600-0805 9735 "  
 0900-1100 11890 English  
 0900-1100 9735 "  
 1100-1500 9735 Arabic  
 1100-2115 11890 "  
 1500-1800 9655 "  
 1800-2115 9510 "  
 (J. Demmitt, M. Mahoney)

TOGO. Radiodiffusion-Television

Togolaise in Lome. Programming in French and vernaculars.

0530-0803 5047  
 0803-1703 7265  
 1703-0005 5047  
 (R. Speer)

PAKISTAN. Radio Pakistan in Karachi. From the April edition of "Pakistan Calling".

0230-0245\* 17840 Southeast Asia  
 21475 "  
 21595 "  
 1100-1115\* 17660 West Europe  
 21802 "  
 1600-1615\* 9460 Middle East  
 17640 "  
 21485 "  
 17660 East Africa  
 21802 "  
 1645-1745 9460, 11670 Europe

TURKEY. The Voice Of Turkey in Ankara has this new schedule, valid from April 1st to July 1st, 1983

0300-0400 11740 North America  
 17760 Southeast Asia  
 1230-1300 15125 Southwest Asia  
 2000-2100 7155 Europe  
 2200-2300 9660 "  
 11740 North America  
 9615 Middle East  
 17760 Southeast Asia  
 (H. Sato, L. Talbot, R. Yajko)

\* = Slow speed English news bulletin. (Ye Ed)

UNITED ARAB EMIRATES. UAE Radio

in Dubai. Schedule valid from March 6th until May 1st, 1983

0330-0415 9670 India/Pakistan  
 15320 North America  
 17775 "  
 0530-0615 17775 Far East  
 17830 "  
 21700 "  
 1015-1100 17775 Europe/North Africa  
 21655 "  
 21695 "  
 1615-1700 15320 "  
 17775 "  
 21655 "

(B. Brenesal, P. Card, R. Cleveley, D. McCants, B. Ruckman)

PHILIPPINES. FEBC in Manila sends this marked up sked.

0000-0130 15235, 21515  
 0130-0300 15235, 21515  
 0300-0500 15235, 21515  
 0500-0700 11890, 21515  
 0700-1000 11890, 21515  
 1300-1600 15440  
 2300-0000 15410, 21515  
 (direct.)

VIETNAM. The Voice Of Vietnam gave this over-the-air sked on March 22, 1983

1000, 1100, 1330, 1600, 1800, 1900,  
 2030, 2330 UTC on 10040, 12020, 15012  
 kHz. Times given are starting times.  
 (R. Drollinger.) 73, *Chris*

POLAND. Radio Polonia to North America. Valid until the end of May.

0200-0230 6095, 6135, 9525, 11815,  
 15120

# UTILITY SCENE

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

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:** A revised & revamped Speedx utility column Abbreviations & Terminology list is now available. Included are some additions, deletions, & clarifications. List is 5 1/2x8 1/2 & 3-holed punched, for insertion into the Speedx/SRGU binder. The Country code list has likewise been incorporated. The A&T/C list will be mailed flat, so all I require is (1) 1st class stamp (NO SASE!)

... The 2nd SRGU installment (94 pages - USCG & SLHPB report) is at the printers. Watch for an availability announcement.

... Publication Review:: "List Of Addresses Of Utility Stations" Book Q- 3rd edition by Joerg Kligenfus... Roughly 5 1/2x8 1/2 in size; 27 pages, soft bound. Lists 548 ute stas from 152 countries, all alphabetical by country... This is not the last word in ute address books, but its modest scope covers most of the well known utility stations, plus some real tough ones. Slant is from the European viewpoint.... Price, including airmail delivery is 10.00 Deutsche Marks (via Int'l money order) or (10) IRCs. Universal Electronics indicates it will soon offer book Q. Those not wanting to order direct from Joerg, should inquire from Universal about the availability.... SEE last months ute column for addresses.....

... Thinking of buying a Kenwood R-2000??? Universal Amateur Radio, Inc. now offers the R-2000 modified with an R.I.T. (fine tuning adjustment) Price is \$579.95. Universal also offers the R-2000 with a variety of selectivity modifications. For more information contact:

UNIVERSAL AMATEUR RADIO INC  
Fred Osterman, SWL Department  
1280 Alder Drive  
Reynoldsburg, OH 43068

CQ...IK-UK DE MTC-AZ... Ian I'd like to write, but I don't have your full address. Supply when you can.....

... QSLs will not be printed this month, due to a very heavy input. Lack of space forced trashing of 350 loggings.... Will hold & later print ALL QSL submissions..... Now onto the loggings.

DEADLINE: 12th Day of the Month	AM RTTY USB ISB LSB CW FAX A3H	COLUMN COVERAGE 0-30 MHz H.F.
<b>XMSN MODES:</b> 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 1103	NODG- CGC BASSWOOD c1g CG Guam (RMA-IA)	
6506.4 U var.	NODJ-CGC FIREBURSH/NYC-CGC BOUTWELL/NREY-CGC PLAINTREE	
6506.4 U var.	NRDA-CGC CAPE HATTERAS wkg CG Kodiak (HCB) (LNK) (RMP)	
6506.4 U var.	NAAO-CGC GLACIER/NODJ-CGC SASSAFRAS/NVIN-CGC CAPE CORVIN	
6506.4 U var.	NODX-CGC SWEETBRIAR wkg CG Honolulu (JDM) (LNK) (HCB)	
	WTEA-NOAA DIRECTORER/WTFD-NOAA TOWNSEND CROMWELL wkg CG Honolulu (LNK-NY)	
6506.4 U var.	WTES-NOAA SURVEYOR/NODJ-CGC SEDGE wkg NMC (LNK-NY)	
6506.4 U var.	WTFD-NOAA TOWNSEND CROMWELL/WTEG-NOAA PIERCE-NMG (RMA-IA)	
6506.4 U var.	NQSP-CGC YVORON/NSCG-CGC DURABLE/NRCB-CGC EAGLE/	
6506.4 U var.	NRXD-CGC EVERGREEN wkg MA (JDM-MN) (HCB-WA) (LNK-NY)	
8198.1 U 0453	GECP- PACIFIC PRINCESS p/p via WOM (GRW-OH)	
8241.5 U 0123	GZVB- ALVERNUZ c1g Portishead MARCO (TES-GA)	
8241.5 U 0027	ZCFP- STAR HONG KONG wkg CG Portsmouth (TES-GA)	
8765.4 U 1422	NBTM- CGC POLAR STAR wkg CG Portsmouth (JDM-MN)	
8765.4 U 0341	NRLZ- CGC CAPE GULL wkg CG Miami (RAL-OH)	
8772 U 0604	NJSO- USS CAMDEN wkg San Diego ICSB2 (TT-MI)	
8811.9 U 0123	n/v NORDIC PRINCE p/p via WOM (LNK-NY)	
12330 U 2140	n/v AMERICAN LIBERTY c1g KMI (HCB-WA)	
12417 U 1747	GQXG- HMS BRITANNIA (Royal Yacht) p/p via KMI (TT-MI)	
14466.5 U 2107	NNW0CVG- USS DWIGHT D. EISENHOWER p/p NNN0KRQ (BCW-VA)	
14467 U 2304	NNW0CVA- USS BELKNAP p/p via NNN0NIG (GRW-OH)	
14467 U 0025	NNW0CYL- USS BLAKEY p/p via NNN0JEL (GRW-OH)	
14467 U 2155	NNW0CXH- USS ESTOCIN p/p via NNN0NIG (GRW-OH)	
14470 U 0026	NNW0CXI- USS BUTTE p/p via NNN0WRQ (GRW-OH)	
14470 U 0018	NNW0CVP- USS CONOLLY p/p via NNN0WRQ (GRW-OH)	
14470 U 2146	NNW0COT- USS PAIRPAX COUNTY p/p via NNN0ZIQ (GRW-OH)	
14470 U 2243	NNW0CQJ- USS PENNSACOLA p/p via NNN0YBU (GRW-OH)	
14477 U 1817	NNW0NYB- USS DONALD B. BEARY p/p via NNN0YBU (GRW-OH)	
14483.5 U 2020	NNW0VCV- USS KALAMAZOO p/p via NNN0NIG (BCW-VA)	
16486 U 0231	7KEY- GROVER HIGHLAND c1g JBO (TFS-NY)	
**** AIRCRAFT ****		
5550 U 0550	AEROFLOT 3349 wkg New York Aero (HCB-WA)	
5598 U 0241	KLM 475 wkg New York Aero (LMT-SD)	
5598 U 0240	CIUBANA 492 wkg Santa Maria Aero (LMT-SD)	
5643 U 1234	CONTINENTAL 236 wkg Honolulu Aero (OS-MO)	

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

AK...: 6506.4 U var. NOJ- CG Kodiak wkg CGC POLAR SEA (HCB-WA) (JCH-MD)  
 10048 U 0230 Anchorage Aero wkg Speedbird 5 (MWJ-ID)  
 11176 U 0419 AKAS- Elmendorf Aways wkg R.P. 23 (JCH-MD)  
 BER.: 2182 U 0420 VRT- Bermuda R. wkg unid ship (JFH-MA)  
 2182 U 0438 CFH- CANMIL Halifax wkg POLAR PRINCE (RAL-OH)  
 2598 U var. VAU- Yarmouth CGR. NTM /c (BLA-PA) (MDL-NE)  
 3485 U 0858 VFG- Gander Aero - VOLMET b/c (GHS-IL)  
 4256 C var. CFH- CANMIL Halifax - WX b/c (JFH-MA) (TJY-MD)  
 4285 C 0357 VCS- Halifax CGR. - DE/3SX mkr (JFH-MA)  
 4410.1 U 0807 VCS- Halifax CGR. - Marine WX (LNK-NY)  
 5718 U 0657 Prince Rupert BC wkg ARROW ROGER (DEM-A1B)  
 5718 U 0216 CFH- CANMIL Halifax wkg Rescue 460 (JRU-MS)  
 6604 U var. VFG- Gander Aero - VOLMET (RG-TX) (MDL-NE)  
 6705 U 0045 VXA- CANMIL Edmonton wkg CANMIL 6640 (JCH-MD)  
 6753 U 0123 VXA- CANMIL Edmonton - WX b/c (PAG-NC)  
 7335 A var. CHU- SPTS Ottawa (CS-MO) (MDL-NE) (DS-NJ)  
 8891 U 0019 VAP- Churuchil Aero wkg Japan Air 42 (JCH-MD)  
 9006 U var. CHR- CANMIL Trenton wkg CANMIL 594 (CS-MO) (JCH)  
 10051 U var. VFG- Gander-VOLMET (GHS-IL) (DB-AR) (JFH-MA) (FMU-AL) (WJS-ONT)

CJX- CANMIL St. Johns wkg CANMIL Trenton (JFH-MA)  
 11279 U 2043 VFC- Cambridge Bay Aero wkg KLM 868 (JCH-MD)  
 11303 U 2331 VFF- Probisher Bay Aero wkg Air France 671 (F10)  
 11944 C 2309 CHP- CANMIL Halifax - NAW5 b/c (DS-NJ)  
 15031 U 1939 CJX- CANMIL St. Johns wkg CANMIL 0107 (RAL-OH)  
 15035 U 1950 CJX- CANMIL St. Johns - WX b/c (LNK-NY)  
 15919 U 1807 CFH- CANMIL Halifax - DE/WIANS mkr (BKO-VA)  
 17995 U 1940 VXA- CANMIL Edmonton wkg CANMIL 6472 (JCH-MD)  
 8891 U 0004 Sondrestrom Aero wkg flight 624 (CC-DE)  
 13201 U 1930 XPH- Thule Aways wkg MAC 90009 (JCH-MD)  
 8568.3 C var. XFM- Manzanillo MARCO - V/C3 mkr (GHS-IL) (TJY-MD)  
 8855 U 0710 Merida Aero wkg unid a/c (HCB-WA)  
 2559 U 0018 WAQ- New Jersey MAROP - marine WX b/c (DS-NJ)  
 2590 U 0610 WOX- New York MAROP - NTM b/c (MDL-NE)  
 2622 U 2356 Cape Radio wkg UTC Freedom- SSSup (BLA-PA)  
 2670 U 0310 NMY41- CG Sinnercock NY - NTM b/c (JFH-MA)  
 4415.7 U 1124 WFN- Louisville IWMAR wkg FRANK RADER (CS-MO)  
 4143.6 U 1205 KDL- Houston MARCO wkg DAVID MAVIL (CS-MO)  
 4256 U 2331 KLC- Galveston MARCO wkg NAVERIA 4 (DS-NJ)  
 4410.1 U 1209 WKG- St. Louis IWMAR wkg ELIZABETH ANN (CS-MO)  
 4413.2 U var. WLO- Mobile MARCO - WX (CS-MO) (DS-NJ)  
 4746 U 0545 AF12- McAllellan Aways p/p Air Guard 898 (JFH-MA)  
 5616 U 0345 KEM5- New York Aero wkg Springbok 208 (PAG-NC)  
 5692 U 0414 NOR- CGAS San Diego wkg CG 1431 (JCH-MD)

5696 U 0241 CG 1602 & CG 2125 wkg CG San Francisco (JDM-WN)  
 5696 U var. CG 01, CG 1496 wkg CG Portsmouth (RAL-OH) (BLA-PA)  
 6577 U var. DIANNA 711, EASTERN 932 wkg N.Y. Aero (JDM-WN)  
 6716 U 0315 CANMIL 2443 wkg CANMIL Halifax (RAL-OH)  
 6727 U ---- CANMIL 594 p/p via Scott Aways (RAL-OH)  
 8864 U 1141 AIR JAMAICA Flight wkg New York Aero (JDM-WN)  
 8825 U 0238 LUFTHANSA 724 wkg San Juan Aero (JDM-WN)  
 8855 U var. CLIPPER 452, EMBERATEL 128 clg Bogota Aero (HCB-WA)  
 8861 U var. AFRICAN 272 & CUBANA 493 wkg Dakar Aero (JDM-WN)  
 8891 U 1245 CANMIL 001 wkg Probisher Bay Aero (JDM-WN)  
 8894 U var. AFRICAN 594, CALEDONIAN 362 wkg Nlamey Aero (JDM-WN)  
 8993 U 0044 MAC 40629 wkg Ascension Aways (JFH-MA)  
 9018 U 1927 CG 01 wkg Andrews AFB MD (RLR-KS)  
 11176 U 1412 AIREVAC 50125 wkg Andersen Aways (JDM-WN)  
 11182 U 2301 MAC 40845 p/p Kelly Ops via Scott Aways (RMA-IA)  
 11182 U 2250 MAC 70012 p/p Charleston CP via Scott (RMA-IA)  
 11226 U 1908 MAC 30006 wkg LaJes Aways (RAL-OH)  
 11233 U var. CANMIL 5690 & 3760 wkg CANMIL Edmonton (MWJ-ID) (JDM)  
 11234 U 2158 (RAAF) MILITARY FLIGHT 5628 wkg MIL FLIGHT 590 (CS-MO)  
 11246 U var. CANMIL 512, 0111, 0112 wkg MacDill (GHS-IL) (JDM-WN)  
 11282 U var. JAPAN AIR 62/NORTHWEST 21 wkg San Fran (JDM-WN) (HCB-WA)  
 11300 U 0135 AIR INDIA 105 wkg Khartoum Aero (JDM-WN)  
 11300 U var. UGANDA 773, SABENA 483 wkg Nairobi Aero (JDM-WN)  
 11300 U 0027 AIR FRANCE 3908 wkg Addis Ababa Aero (CC-DE)  
 13300 U 1708 WORLDWAYS 354 wkg New York Aero (GRW-OH)  
 13354 U var. AMERICAN 7, AIR CANADA 074, BOEING 373, MAC 60305 clg/wkg Honolulu Aero (HCB-WA)  
 15015 U 2128 AIREVAC 116 wkg Scott Aways (RAL-OH)

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

2055 WHISKEY 6 GOLF wkg VICTOR 0 ROMEO (RAL-OH)  
 4640 L 1638 SUNFLOWER 110 wkg 115- (KS NG) (RLR-KS)  
 5030 L 0356 PUNJIA with long count (FTK-IL)  
 5696 U 2222 AIR FORCE RESCUE 830 wkg CG Miami (GHS-IL)  
 6683 U 0755 SAM 24126 p/p Andrews Metro via Andrews (GHS-IL)  
 L ---- AIR FORCE 1 p/p CROWN via Andrews AFB MD (RAL-OH)  
 U 0045 VICTOR 4 ALFA wkg CANMIL Halifax (JDM-WN)  
 U 0418 GRAY EAGLE wkg RASPBERRY MIRAMAR (TT-MI)  
 U var. DEVIL 21 wkg Hickam Aways (RWP-CC)  
 MACDILL 22, AERIAL 99, HOOKY 60, NAVY LIMA 60 wkg  
 MacDill Aways (RAL-OH) (HCB-WA) (IMP-SD)  
 U var. AIR FORCE 2, SAM 24201/31683/86972, AGAR 0715,  
 NEW RIVER TEST, UPSET 22 wkg Andrews (RAL-OH)  
 U 0039 ZERO CHARLIE wkg ZERO ALFA (MDC-NY)  
 U 1248 COPPER 45 wkg COPPER 42 (RAL-OH)  
 U 0230 US Army War Games (RLR-KS)

USA :

5696.0 U 0617 NMC- CG San Francisco wkg 145 (TL-IL)  
 5696 U 1517 NMF- CG Boston p/p Lant BCC for CG 2117 (BCW-VA)  
 5696 U var. CGAS Mobile/CG 2103, CGAS Savannah/CG 1400,  
 CGAS Cape Cod/CG 1476 (JCH-MD)  
 5810 U 1640 PEA POD 02 wkg VARIETY 01 - SSSup (RAL-OH)  
 5810 U 1640 VARIETY 01 & Cape R. wkg TS1/TS2 - SSSup (ELA-PA)  
 5810 U 2338 Cape Radio wkg UTC LIBERTY - SSSup (BLA-PA)  
 6411.4 C 0501 WOE- Lantana FL MARCO - QSX mkr (RWP-OC)  
 6506.4 U var. NNN- CG Portsmouth - WX b/c (CS-MO) (TWL-AL)  
 6506.4 U 1022 NMC- CG San Francisco wkg CGC POLAR STAR (RMA-IA)  
 6506.4 U 1138 NMC- CG San Francisco wkg Echo 64 (CS-MO)  
 6604 U var. WSY70- N.Y. VOLMET (PCC-RI) (KMK-VA) (DS-NJ) (MDL)  
 6679 U var. KSF70- Oakland VOLMET (RG-TX) (JEB-CA) (JRJ-MS)  
 6924.5 C var. KKN50- USDOS Wash DC- QRA/QSX mkr (MDC-NY) (TFS)  
 6927 U 1704 Cape Radio wkg Gull 11 - SSSup (RAL-OH)  
 7707.5 U 1508 Orion Coordinator, Abnormal 10 wkg Mach 21 (BLA)  
 7910 U 1741 AGAR 21 wkg Cape Radio-dpx 9006-SSSup (RAL-OH)  
 8586 C 2005 WCC- Chatham MA MARCO - V mkr (HGI-TX)  
 8610 C var. MWH- Baltimore MARCO - V/QSX mkr (GHS-IL) (RWP-OC)  
 8615.5 C 2015 WFD- Tampa FL MARCO - CQ mkr (HGI-TX)  
 8740.6 U 0139 WOO- Ocean Gate MARCO wkg MARDI GRAS (LMT-SD)  
 8758.6 U 0353 WOM- Ft. Laud. MARCO p/p for BOHEIM (JPH-MA)  
 8785.4 U 0027 NMC- CG San Francisco wkg WXL8234 (DS-NJ)  
 8825 U 0517 Kennedy Dispatch (LDOC) bomb treat warning to  
 TWA 760 (JCH-MD)  
 9006 U 1535 AGAR 21 wkg CABBY - SSSup (RAL-OH)  
 9006 U var. Cape Radio wkg AGAR 21 & 25 - SSSup (RAL-OH)  
 9006 U var. Cape Radio & Orion Control wkg AGAR 21 dpx 7985/  
 7910 kHz- SSSup (ELA-PA)  
 9006 U 1740 Cape Radio & Riot Control- launch status (LNM-NY)  
 10305 U 1602 Orion Coordinator & Abnormal 10 wkg Mach 21-dpx  
 5822 & 10805 kHz - (BLA-PA)  
 10780 U 1614 Cape Radio wkg AGAR 21 - SSSup (BLA-PA)  
 10780 U 1631 Cape Radio testing with AGAR 27 on this freq &  
 9006, 11205, 13858, 14615 kHz (RDS-NJ)  
 10780 U 1310 DISHPAN/USNS Redstone wkg FISHER- SSSup (RAL-OH)  
 10780 U 1314 WGY905/P- FEMA Mobile wkg WGY912 (RLR-KS)  
 10493 U 1602 WGY903- FEMA Olney MD with roll call (KGB-MA)  
 10493 U 1600 WGY908- FEMA Denver CO with roll call (ES-WA)  
 11179 U var. AFL2- Loring Aways wkg BAR 11/U.0.64(ES-MA) (RDS)  
 11182 U 2029 APG9- Scott Aways wkg Ivory 52 (CS-MO)  
 11548 U 1545 Cape Radio wkg AGAR 21 & 25 - SSSup (BAL-OH)  
 12718.5 C 2020 NWN- CG Portsmouth VA - CQ mkr (HGI-TX)  
 12826.5 C var. MNU34- Slide 11 MARCO- V/QSX mkr (JPH-MA) (HGI-TX)

7735.0 U 1312 AIRCRAFT 515 wkg Andrews AFB MD (RAL-OH)  
 8771 U var. SPARTAN wkg RASPBERRY PENNSACOLA (GRW-OH) (LNM-NY)  
 8778 U 1430 VICTOR 7 PAPA wkg KILO 0 PAPA (JTW-MN)  
 8964 U 0022 WISE 34 wkg WODDEN BACKER (RMA-IA)  
 8980 U 0423 SIBERRA 6 YANKEE c/g ECHO 2 OSCAR (RWP-OC)  
 8989 U 2328 ABIDE 62 wkg MacDill Aways (GHS-IL)  
 8989 U 1711 KING 13, 04 JULIET GOLF wkg MacDill (LMT-SD) (TFS-NY)  
 8992 U 1741 SPAR 76 p/p via Andrews AFB MD (RDS-NJ)  
 8993 U var. DEMO 22 wkg MacDill Aways (RDS-NJ) (JPH-MA)  
 8993 U 0010 GOLF 20 (Inflight emergency) wkg McClellan (LMT-SD)  
 8993 U 0140 IVORY 12 wkg MacDill Aways (WJS-ONT)  
 9005 U 0450 TANGO BRAVO OSCAR 3 r/c T.B.O. 63 (JCH-MD)  
 9018 U 1734 REVALUE wkg IMPURITY (RAL-OH)  
 9018 U var. VENUS 97, SPAR 76, AIR FORCE 2, SAN 24127, STILLETTO,  
 wkg Andrews (TT-MI) (RAL-OH)  
 9023 U 1718 SUBARCTIC wkg MAC 50229 (GHS-IL)  
 9032 U 0023 FOXTROT GOLF wkg CHARLIE BRAVO (RAL-OH)  
 10737 L 1435 NOBLE LAD wkg DURANT (RAL-OH)  
 11118 U 1934 TIRANT wkg REMORA (RAL-OH)  
 11118 U 1700 LONG BOAT wkg CARDINAL (RAL-OH)  
 11179 U var. ALFA FOXTROT 300, BLUE ANGEL 09, IVORY 71 wkg  
 MacDill Aways (RDS-NJ) (JDM-MN)  
 11182 U var. CARGO 60, ARMY 631 p/p via Scott Aways (CC-DE)  
 11182 U 2126 SWING 86, NAVY 117A ZULU 33, EDGY 27, GULL 10, TANK 68,  
 p/p or wkg Scott Aways (HGB-WA) (GHS-IL) (RMA-IA) (RAL-OH)  
 11228 U var. DIATRONE voice/RTTY tests with MacDill (RLR-KS)  
 11243 U var. LIALOQUE wkg ICHABOD & ANALYTIC (JDM-MN)  
 11243 U 0120 TOP SAIL r/cs with VOLTAIRE (RMA-IA)  
 11246 U 1530 LIMA ZULU 44 wkg MacDill Aways (JDM-MN)  
 11246 U var. WHISKEY BRAVO 133, JOYCE 49 wkg MacDill (RDS-NJ)  
 11249 U 1434 SAM 12490 wkg Andrews AFB MD (RAL-OH)  
 11264 U 0325 HOTEL 2 OSCAR r/c YANKEE 2 UNIFORM (TMI-AL)  
 11410 U 0235 ACHOBAT c/g ROMEO 7 OSCAR (GHS-IL)  
 11460 U 0009 AIR FORCE 1 wkg Andrews AFB MD (RAL-OH)  
 11494 U 1953 JIG 99 r/c JIG 74 (CG-DE)  
 11494 U 2010 RANDY 99 r/c RANDY 73,79,52,64,69 etc (TT-MI)  
 13211 U 1905 SETBACK testing with LISTERINE (RLR-KS)  
 13214 L 2053 AIR FORCE 1 p/p CORCORIB via Andrews (JCH-MD)  
 13215 U var. SAM 31681/31683 wkg Andrews AFB (RAL-OH) (JCH-MD)  
 13218 U 1938 AGAR 22 wkg ABNORMAL 10 (GHS-IL)  
 13227 U 1437 IRRADIATE wkg SUN BATH (RAL-OH)  
 13247 U 1250 SWING 44 wkg Andrews AFB MD (RAL-OH)  
 13254 U --- GOLF BRAVO WHISKEY wkg ALFA WHISKEY FOXTROT (RAL-OH)  
 13950 L 1315 YANKEE 3 FOX 4 wkg ALFA 6 (RAL-OH)  
 14905 U 2033 LOVE JOY wkg DIGNITY (RAL-OH)

USA.: 13033 WCC- Chatham MA MARCO - V mkr (RET-PA)  
 13038 C 0458 KLC- Galveston TX MARCO - CQ/QSX mkr (TMI-AL)  
 13052 C 1551 WFD- Tampa FL MARCO - Q8X mkr (RET-PA)  
 13102 U 0307 KWI- San Francisco MARCO - Wkg PACIFIC SUN (THT)  
 13170 U 1540 Cape Radio wkg AGAR 21 - SSSup (RAL-CH)  
 13227 L 1548 AGAR 25 wkg Cape Radio - SSSup (RAL-CH)  
 13330 U 2102 Houston LDOC wkg November 65 Alira Romeo (JCH-MD)  
 U ----- Lincoln Lab testing- call/qth?? (KC-MA)  
 14842a U ----- WWV- SPTS Ft. Collins CO (JHD-PA)  
 15000 A 1600 ARIA ENGINEERING wkg AGAR 25- SSSup (RAL-CH)  
 16246 U 1557 WRS- Elizabeth City MARCO wkg Sealand  
 16387.1 U 1935 Independence (JCH-MD)  
 17409 U 2230 WWD- La Jolla CA MARCO wkg New Horizon (JRJ-MS)  
 17925 U 1827 Houston LDOC wkg November 397 C.//13330 (JCH-MD)  
 21820.3 U 2122 KJY66- Ft. Collins CO wkg KJY67 Kauai HI (LG-ALB)  
 23420 L 1945 Patrick AFB wkg Ascension Island -BTR (RAL-CH)  
 23975 C 1800 KKN50- USDOCS Wash DC clg KOT178 //18525 (RLR-KS)  
 25590 C 2305 NAR- NGS Key West FL - Wx b/c (JEB-CA)  
 \*\*\*\*\* CENTRAL AMERICA \*\*\*\*\*  
 BELZ: 11204 U 1733 (RAF) Belize Flight Watch wkg Ascot 2076 (JCH-MD)  
 PAN: 6467 C 0120 HPN60- Puerto Armuelles MARCO - CQ mkr (GLT-NM)  
 8993 U 0438 AHF2- Albrook Aways wkg Soil 87 (JCH-MD)  
 11179 U 2322 AHF2- Albrook Aways wkg Army 22943 (JCH-MD)  
 17128.5 C 2005 HPN60- Puerto Armuelles MARCO- CQ/Q8X mkr (RMA-IA)  
 18019 U 1738 AHF2- Albrook Aways wkg CANMIL 512 (JCH-MD)  
 20885 L 1800 AHF4- Albrook Mission R. wkg unid sta (RLR-KS)  
 \*\*\*\*\* CARIBBEAN \*\*\*\*\*  
 CUBA: 8573 C 0026 CLA- Havana MARCO - CQ mkr (GF-NY)  
 14392 C 2105 KAG- (Cuban QTH)-ID/QTC1 mkr Into FITY (MDC-NY)  
 17165.6 C 1255 CLA- Havana MARCO - CQ mkr (HGJ-TX)  
 22396 C 2250 CLA-50- Havana MARCO - CQ mkr (JEB-CA)  
 5696 U 0004 ABJBT GITMO (US MIL) wkg CG 2112 (JCH-MD)  
 3535 C 0054 G11- Kingston MARCO - CQ/Q7CS (AM-UK)  
 8477 C 0113 FUF- Ft NAVRAD Ft. de France - V mkr (BKO-VA)  
 13031.2 C var. FUF- (as above) V mkr (PAG-NC) (RET-PA) (HGJ-TX)  
 NETA: 6491.5 C 0125 PJC- Curacao MARCO - CQ mkr (GLT-NM)  
 P.R.: 2670 U 0305 NNR- CG San Juan - WX/NTM b/c (JFF-NA)  
 5692 U 0052 NMR26- CGAS Borinquen wkg CG 1435 (JCH-MD)  
 6577 U 0449 San Juan Aero wkg Eastern 457 (RDS-NI)  
 8471 C var. NNR- CG San Juan - CQ mkr (GHS-II) (JFH-NA)  
 8825 U 0146 San Juan Aero wkg Air France 8329 (PAG-NC)  
 TRIN: 8855 U 0100 Piarco Aero wkg Paramaribo Aero (JCH-MD)  
 \*\*\*\*\* SOUTH AMERICA \*\*\*\*\*

L 1958 LISTERINE wkg SCALAR (LNK-NY)  
 U 2250 SPIDER 12 wkg RAYMOND 28 (GHS-II)  
 U 1722 RAYMOND 26 wkg VERNON 23 (RAL-CH)  
 U 2000 SYMPHONY wkg FREDZE & GUN SHOP (RAL-CH)  
 L var. SAM 24201/86971/31683, AF1 wkg Andrews (RAL-CH)  
 U 2108 MURRY 45 wkg McClellan Aways (RAL-CH)  
 U 2105 KING 60 wkg LaJes Aways (RAL-CH)  
 U ----- PENETROL wkg 1 FOXTROT (RAL-CH)  
 U 1810 SAM 12490 p/p via Albrook Aways (RWP-CO)  
 U ----- SAM 12490 wkg Andrews AFB MD (RAL-CH)  
 U 1800 SWORDFISH 1 clg ATLAS (BAL-PA)  
 U 1408 FLINT 350 wkg FLINT 102 (RAL-CH)  
 U 2036 PANTHER p/p via ATLAS (TT-MI)  
 U 2150 SHARK 399 wkg ATLAS (RAL-CH)  
 U 0312 SQUIRIR wkg Andrews AFB MD (RAL-CH)  
 \*\*\*\*\* NUMBERS/BEACONS \*\*\*\*\*  
 4475 S/Y 5dd 18Mar83 (JFH-NA)  
 4669 A 0205-0232 S/Y 5d Grupo 123-FIN (444) 02Apr83 (CH-MEX)  
 4670 A 0045-0050 S/Y none-repeats V.I.B.2 (233) 09Apr (KG-NA)  
 4679a S/Y 4d "423X"1-0C (454) 28Mar83 (PAT-CA)  
 4834 A 0609-0621 S/Y 5d Finalx2 (434) 10Mar83 (JEB-CA)  
 5082 A 0910-0921 S/Y 5d (434) 29Mar83 (PGC-RI)  
 5135 A 0125-0135 S/Y 5d (322) 25&29Mar83 (WJS-ONT) (LC-OH)  
 5643 A 0034-0040 S/Y none-repeats S.Y.N.2 (444) 02Apr (KG-MA)  
 6508 A 0601-0608 S/Y 5d MM IS (232) 26Feb83 (TT-MI)  
 6934 A 0512-0520 S/Y 5d (555) 30Mar83 (TI-IL)  
 7445 A 2207-0208 S/Y none-repeats K.P.A.2 (222) 18Mar (RDS-NJ)  
 7605 A 0045-0050 S/Y none-repeats V.I.B.2 (344) 02Apr (KG-NA)  
 7845 A 0705-0707 S/Y 5d Finalx2 (423) 14Mar83 (JEB-CA)  
 7846 A 0635-0639 S/Y 5d Finalx2 07Mar83 (JEB-CA)  
 7905 A 0803-0805 S/Y ?? (555) 13Mar83 (TMI-AL)  
 8918 A 0209-0212 S/Y 5d Finalx3 (232) 29Mar83 (PAG-NC)  
 8924 A 0046-0050 S/Y none-repeats C.I.B.2 (444) 30Mar (KG-MA)  
 892 A 0945-0950 S/Y none-repeats C.I.O.2 (243) 27Feb (TT-MI)  
 8924 A 2145-0000 S/Y 51hr- C.I.O. IS (333) 29Mar83 (KG-NA)  
 8924 A 2245-0000 S/Y 51hr- C.I.O. IS (300) 29Mar83 (RDS-NI)  
 8924 A 0050-0055 S/Y none-repeats C.O.F.2 (344) 29Mar (KG-MA)  
 8924 A 2344-0000 S/Y ?? C.I. IS (444) 01Apr83 (KG-MA)  
 9075 A 1431-0000 S/Y 5d (333) 18Mar83 (RDS-NJ)  
 9075 A 0342-0345 S/Y 4d FIN 09Mar83 (JEB-CA)  
 9267 A 0158-0211 S/Y 5dd tone IS (444) 25Mar83 (LC-OH)  
 9270 A 0205-0000 S/Y 5d 16Mar83 (WJS-ONT)  
 9450 L 0202-0218 S/Y 5d - YLW/UB IS (333) 10Mar83 (PTK-II)  
 9463 A 0805-0810 S/Y 5d ATT 143-10 26Feb83 (TT-MI)

ARCN: 8167.0 A 2238 IQB9- SPTS Buenos Aires - pips (DDS-FL)  
 C var. LSA4- Boca MARCO - V/qsk mkr (RMA-IA) (JEB-CA)  
 20885 CF767- USMILGP Ia Paz wkg AHF4 (RLR-KS)  
 BRZL: 8855 U var. Bellem Aero wkg KLM 1239/Glipper 44(HCB-WA) (JGH-MD)  
 8855 U 0459 Manaus Aero wkg Bianca 942 (JGH-MD)  
 10096 U 2338 Bellem Aero wkg Navy 49667 (CC-DE)  
 10096 U var. Recife Aero wkg MAC 40644/50276 (JFF-MA)  
 17150 C var. PW233-R40 de Janeiro NAVRAD- V mkr (RMA-IA) (TWM-AL)  
 COLO: 8855 U 0705 Bogota Aero wkg Clipper 440 (HCB-WA)  
 13087.2 C 0236 HKB- Barranquilla MARCO - Cq/qsk mkr (GHS-IL)  
 EGUA: 7600 A var. HD210A- SPTS Guayaquil (DDS-FL) (DS-NJ)  
 FALK: 24144.8 U 1750 VPC24- Port Stanley - tfc to London (LG-ALB)  
 SURI: 8855 U 0057 Paramaribo Aero wkg Belem Aero (JGH-MD)  
 13046 C 2031 PZM- Paramaribo MARCO - Cq mkr (PAC-UK)  
 VENE: 6100 A var. YVVO- SPTS Caracas (DDS-FL) (TWM-AL) (LG-ALB) (WDL)

\*\*\*\* EUROPE \*\*\*\*  
 C ZEC: 3170 A 0456 OLB5- SPTS Prague - pips no ID (DDS-FL)  
 5532 U 2038 Prague Ops Control (LDCC) test xmsn (IK-UK)  
 DEN.: 17068.5 C var. OXZ8- Lyngby MARCO - Cq mkr (RMA-IA) (TJY-MD)  
 2152 A 2243 Liverpool CG clg Barrow Lifeboat sta. (PAC-UK)  
 ENG.: 6738 U 0431 ARCHITECT (RAF) coded WX b/c (JGH-MD)  
 8705 C 0645 GXB4- Portishead MARCO - DE mkr (JEB-CA)  
 8921 U 2059 Speedbird London (LDCC) wkg Saudi 614 (IK-UK)  
 10538 L var. AJE- Croughton AFFUS Feeder (BCW-VA) (GS-MO)  
 13234 U 2320 ARCHITECT (RAF) wkg Ascot 4151 (JGH-MD)  
 17198 C 2055 GKE6- Portishead MARCO - V mkr (TJY-MD)  
 17233 C 1557 GKG- Portishead MARCO - V mkr (TFS-NY)  
 17236 U 1700 GKT62- Portishead MARCO wkg n/v Colombia (GS-MO)  
 17329 U 2040 GKW62- Portishead MARCO wkg SWEP (PAG-NC)  
 18018 U 1741 ARCHITECT (RAF) wkg Ascot 2166 (JGH-MD)  
 22793.5 C 1650 GKG- Portishead MARCO - DE mkr (RMA-IA)  
 P.T.N.: 2810 A 2150 OHG- Helsinki MARCO - QTC list (PAC-UK)  
 FRAN: 4328 C 0215 FFL2- St. Lys MARCO - V mkr (TJY-MD)  
 7378 C 0750 FDK3- FFAT Dijon - V mkr (AM-UK)  
 10155 U 2310 FPK5- FTS Paris - FF/EE/OM/VM (RMA-IA)  
 12875 C 0314 FUG- NAVRAD Castelnaudry - Cq mkr (GHS-IL)  
 12912 C 1930 FFL6- St. Lys MARCO - V mkr (JEB-CA)  
 14357.4 U 2006 FTID35- FTS Paris - FF/EE/OM/VM (JGH-MD)  
 17040.8 C 1811 FFS8- St. Lys MARCO - Cq mkr (FJO-OH)  
 17180 C 1610 HSN- Paris NAVRAD - V mkr (RMA-IA)  
 19360 C 1210 FSB62- INTERPOL Paris wkg Buenos Aires (AM-UK)  
 21830 U 1731 FTV83- FTS Paris - VM (LG-ALB)  
 GDR.: 4525 A var. Y3S- SPTS Nauen (BS-MA) (DDS-FL) (DS-NJ)  
 FRG.: 2775 A 2024 DMO- Kiel MARCO - tfc list in GG (PAC-UK)

9916.0 A 1033-1038 E/O 5d (454) 07Apr83 (CJH-WA)  
 10020 A 0826-0829 S/Y 5d Finalx2 (323) 26Mar83 (JEB-CA)  
 10426 A 0439-0441 S/Y 5d Finalx2 (545) 16Mar83 (JEB-CA)  
 10570 ? 0125-0140 S/Y 3d no s/off 27Mar83 (LO-OH)  
 11634 A 0808-0812 S/Y 5d (434) 26Mar83 (JEB-CA)  
 12950 A 2150-08 on E/Y none-repeats V.I.B.2 (344) 04Apr (KG-MA)  
 13453 A 2323-2328 S/Y 4d Grupo 197 (422) 14Mar83 (JEB-CA)  
 1450a A 2003-0244 S/Y ?a 388x3 1-9C (443) 14Mar83 (PAT-CA)  
 16450 A 1720-1743 S/Y ?a (444) 23Mar83 (LMT-SD)  
 17430.5 U 2043-2049 C/? 5d (444) 10Mar83 (RMA-IA)

\*\*\*\* RADIO TELETYPE \*\*\*\*  
 CPH- CANMIL Halifax CAN - WX (EDK-MI)  
 NEG- BA Rheindahlen FRG- FOXs (AM-UK)  
 OWE- DAF Karup DEN - FOXs (JK-FRG)  
 CUJ22- DARMY Aarhus DEN - clg JXZ (JK-FRG)  
 NAM- NCS Norfolk VA USA- FAX b/c (FJO-OH)  
 YW110- Danamos Metro SYRA- WX b/c (AM-UK)  
 MBR5- USA Metro QTH?? - WX (TJY-MD)  
 3FXH- AUSTANGER wkg MLO (FJO-OH)  
 UPD- Leningrad Metro USSR- RW b/c (JEB-CA)  
 UPB- Petropavlovsk MARCO USSR- RR tfc (JEB-CA)  
 MLO- Mobile MARCO USA - WX (BRF-MD)  
 DGL- Norddeich Marco HOLL - CG/NX (JK-FRG)  
 RIFABD- Carabineiri Cuneo ITALY w/RIFAED (AM-UK)  
 ULYN- buenos Aires NAVRAD ARGN- WX (AM-UK)  
 XTU- ASEONA Ouagadougou UPVO- wkg TGH (IK-UK)  
 GFL22- Bracknell Metro ENG- WX (TJY-MD)  
 TLO- Bangui CAFR - RYS (RMA-IA)  
 USIA Kavalla GRE - EE/NX (DS-NJ)  
 CKN- CANMIL Vancouver CAN - FAX b/c (FJO-OH)  
 CML5- Havana PYP CUBA tests to NYC (EDK-MI)  
 6YV41- Dakar Air SENE - RYS (JEB-CA)  
 YIA- Baghdad Metro IRAQ - WX (TJY-MD)  
 YZH7- DP Berlin GDR - ??? (TJY-MD)  
 HXH32- KCNA Pyongyang NOKO - EE/NX (JEB-CA)  
 APP Paris FRAN - K mkr (DS-NJ)  
 CUN219- PL Havana CUBA - EE/NX (JEB-CA)  
 n/v SCANDINAVIA wkg MCC (BLA-PA)  
 MOJ- CG Kodlak AK - WX b/c (JEB-CA)  
 NFXD- CGC EVERGREEN wkg NMA (RMA-IA)  
 NWF- CG Boston MA USA - WX (JK-FRG)  
 MLO- Mobile MARCO AL USA - WX (BRF-MD)  
 VOS- Halifax MARCO CAN - WX (BRF-MD)  
 122.5 0542 74/?/?r  
 2516.2 2335 50/850n  
 2572 0720 -  
 2605 0616 -  
 3357 ---- 120sym  
 3694.2 0040 50/850r  
 4061 0321 74/850r  
 4172.4 0258 ARQTOR  
 4315 0715 100/170r  
 4323 0630 66/170n  
 4351.9 1130 FECTOR  
 4352.5 1836 SITOR  
 5832 1908 50/170n  
 6256.9 2238 66/170n  
 6770.3 0030 50/850n  
 6775 2347 66/425n  
 6835 0050 66/425r  
 6902.5 0040 66/425n  
 6942 0155 100/170  
 6946 0244 120sym  
 7407 0051 50/425r  
 7586 0355 66/425r  
 7722.5 0545 66/830r  
 7784 0108 66/425n  
 7861 1600 66/425n  
 8023 0007 66/425r  
 8141 0835 66/425r  
 8354 2345 ARQTOR  
 8457 0620 100/170r  
 8457 1208 100/850r  
 8490 0206 FECTOR  
 8711.9 1910 ARQTOR  
 8716.4 1230 FECTOR



FRG.: 2800 DAN- Norddeich MARCO - GG t/c (PAC-UK)  
 U 0426 "99" (GG AF) wkg CG AF 1003 (JCH-MD)  
 11233 U 0021 DHM95- CANNIL Lehr wkg a/c 5044 (JCH-MD)  
 13231 U 1922 DHM95- CANNIL Lehr - WX b/c (JCH-MD)  
 17992 U 2103 "91" (GGAF) wkg GGAF 5105 (JCH-MD)  
 CIBR: 6785 C 0110 GYU- RN Gibraltar c/g MUL (MDC-NY)  
 11234 U 0021 (RAF) Gibraltar Flight Match wkg Ascot 4446 (JCH)  
 GREE: 5065 L 2304 NGR- USN Kato Soull1 wkg LAMB 2 (IK-UK)  
 12859 C 0317 SVI- Athens MARCO - DE mkr (GHS-IL)  
 16981 C 1830 SYG6- Athens MARCO - DE mkr (JEB-CA)  
 ICE.: 8891 U 0013 Reykjavik Aero wkg Sabina 262 (JCH-MD)  
 11279 U 2358 Reykjavik Aero wkg Scandnavian 98 (JCH-MD)  
 U 0540 EIP Shannon Aero wkg Scandnavian 912 (JPH-NA)  
 U var. EIP- Shannon Aero VOLMET (GHS-IL) (JDM-MN)  
 8927 U var. EIP- Shannon Aero VOLMET (GHS-IL) (JDM-MN)  
 13284 U var. EIP- Shannon Aero VOLMET (JDM-MN) (JCH-MD)  
 ITLY: 2635 A 2131 IGF- Napoli MARCO - t/c list/WX (PAC-UK)  
 6390.3 C ---- IDQ3- Rome NAVRAD - NAMS b/c (IK-UK)  
 7301.9 C 0228 IDR3- Rome NAVRAD - V mkr (SN-TX)  
 12978 C 0259 ICB- Genoa MARCO - V mkr (GHS-IL)  
 16004 C 1735 IDR5- Rome NAVRAD - V mkr (BKO-VA)  
 17182 C 2102 ICB- Genoa MARCO - V mkr (TJV-MD)  
 NOR.: 2635 A 2108 LEG- Farsund MARCO - Securite call (PAC-UK)  
 2649 A 2237 LGL- Florb MARCO - no t/c ann. (PAC-UK)  
 8684 C 0640 LFB2- Rogaland MARCO - CQ mkr (JEB-CA)  
 POL.: 8923.9 U 2009 LOT- Warsaw (LDCC) wkg SFLAE a/c (IK-UK)  
 PORT: 8527 C 2351 CTW8- Monsanto NAVRAD - WX b/c (IK-UK)  
 SCOT: 6686 U 2129 MKL- RAF Pitreavie Castle wkg Alfa 7 Xray (IK-UK)  
 SPAN: 4311 C 0518 EBA- Madrid NAVRAD - DE mkr (JPH-MA)  
 8682 C 0335 EAD3- Aranjuez MARCO - CQ/GSX mkr (JEB-CA)  
 12887.5 C 0307 EAD44- Aranjuez MARCO - CQ/GSX/MC mkr (GHS-IL)  
 13327 U 1503 Madrid LDCC wkg Iberian 95 in SS (IK-UK)  
 17065.2 C 2148 EDZ6- Aranjuez MARCO - CQ/GSX/MC mkr (RMA-IA)  
 SWED: 2182 A 2207 SAE- Angstade MARCO - WX & Ice report (PAC-UK)  
 13342 U 1528 Stockholm LDCC wkg Scandnavian 911 (IK-UK)  
 SWIS: 13027 C 1601 HEB- Berne MARCO - CQ mkr (RBT-PA)  
 13205 U 1920 Berne LDCC wkg Kilo Alfa 2 (JCH-MD)  
 TURK: 6755 U 2351 TBA- Izmir NAVRAD wkg ICM (IK-UK)  
 11176 U 0015 AJG9- Incirlik Aways wkg Victor Uniform 231 (JCH)  
 USSR: 4283 C 1101 UKW5- Korskav MARCO - CQ mkr (REF-NO)  
 10004 C var. RID- SFTS Irkutsk - pips/ID (DDS-Ft.) (SN-TX)  
 13380 L 1510 Radio Moscow Feeder - RR (JDM-MN)  
 17405 C 1532 UCA- Odessa PTP c/g CLN Havana (AM-UK)  
 20484.5 C 1730 RIT- (Soviet Naval??) c/g UAZJ (RLR-KS)

9044 0215 GHH- Jamestown Metro STHL - RYs (JK-FRG)  
 9112 0000 SNN299- MPA Warsaw POL - EMB t/c (AM-UK)  
 9170.4 0050 ARA- Karachi Air PAKI - RYs (AM-UK)  
 9200 1800 NPK- NCS Keflavik ICE - FOXs (JEB-CA)  
 9215.1 1730 BFP30- PTP Shanghai PRC - QBA mkr (AM-UK)  
 9228.6 2112 MUL- RAF Belize BELZ - tests to WKG (AM-UK)  
 9280 0103 RUZU- Molodzhaya Base ANTA - testing (AM-UK)  
 9951.2 0940 GFK5- Ho Chi Minh City VIET - RYs to VNA (AM-UK)  
 10137 0355 TNL97- Brazzaville Metro COMG - RYs (JEB-CA)  
 10295 1701 FSB71- INVERPOL Paris - bulletins (JK-FRG)  
 10651 1745 BZJ23- Hangzhou Metro PRC - WX (JEB-CA)  
 10795 0800 JAG50- KYODO Tokyo JAPAN - EE/NX (AM-UK)  
 10805 0013 MA50- Buenos Aires ARGN - SS/NX (DS-NJ)  
 10895 2350 LRB99- Saporiti Buenos Aires - SS/NX (TJV-MD)  
 10880 0212 VOA Monrovia LIBE - EE/NX (DS-NJ)  
 10905 0040 EPD56- Teheran Air IRAN - WX (TJV-MD)  
 11030 0710 AXK34- Canberra Metro AUST- WX (JEB-CA)  
 11070 2056 CLN320- PLI Havana CUBA - RE/FOXs (KGB-KS)  
 11160 1332 JAM21- JJI Tokyo JAPAN - EE/NX (JK-FRG)  
 11420 1655 VNA Hanoi VIET - FF/NX (JEB-CA)  
 11436 0420 WTES- NOAA SURVEYOR wkg NWC (JEB-CA)  
 12061 0030 RFLIA- FF MIL Ft.de France MART - tests (JEB-CA)  
 12141 0120 NPK- NCS Keflavik ICE - FOXs (JEB-CA)  
 12174 1757 HNR29- KONA Pyongyang NOKO - RYs in NX (JEB-CA)  
 12223.6 var. VOA Tangier MROC - EE/NX (DS-NJ) (BLA-PA)  
 12419 1820 YBU- MFA Jakarta INDO - RYs into t/c (JEB-CA)  
 12493 1500 FNGS- LAFAYETTE wkg MLO (FJO-OH)  
 12498 1502 GME- TAMPIXE EAGLE t/c to unid sta (FJO-OH)  
 12498.9 2038 ELAE5- MOHAWK - t/c to ?? (BLA-PA)  
 12501.5 0031 ARQTOR GOVQ- BARON BELHAVEN wkg WCC (FJO-OH)  
 12501.5 0012 ARQTOR OMZY- GERB MASRSK - wkg WCC (FJO-OH)  
 12502.9 0255 UPU1- PROF WISER??? - RYs (BLA-PA)  
 12503 1315 ARQTOR A80Y- FELANIA - t/c to unid sta (FJO-OH)  
 12504 1943 ARQTOR 62YL- ARMAND HAMMER - t/c to ??? (FJO-OH)  
 12505 1901 HOEE- OCEANIC c/g NNN (FJO-OH)  
 12508 2315 UNLO- IVAN MOSKALENKO - RYs (FJO-OH)  
 12520 0802 UFDV- VYTEGRA - RYs (RMA-IA)  
 12521 0024 UYDO- KARAGANDA - RYs (RMA-IA)  
 12527 0127 UNGW- PRESIDENT PIK - RYs (RMA-IA)  
 12934.5 1229 NWA- CG Miami FL USA - wkg WTEG (RMA-IA)  
 13083.4 1730 FEOTOR MLO- Mobile MARCO USA - WX (EFP-NJ)  
 13200 0410 CAI73- Easter Island Air - RYs (JEB-CA)  
 13362 0105 ZRH- Cape NAVRAD - FOXs/msg to NAU (JEB-CA)  
 13482 1702 DFS70H2- DPA Hamburg FRG - BE/NX (IK-UK)

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

ALGB: 4288.0 C 0358 7RQ20- MFA Algiers MARCO - CQ mkr (RBF-MO)  
 C 1608 7RQ20- MFA Algiers - FF msg (AM-UK)  
 ANGO: 42780 C var. DJE61- Luanda MARCO- CQ/QX3 mkr (PAC-UK)(TMI-AL)  
 BRAN: 41176 U 0042 AFD14- Ascension Ays wkg Ascot 4146 (JCH-WD)  
 ASCN: 8918 U 0507 Bahrain Aero wkg Saudi 6401 (JCH-MD)  
 13086.5 C 2032 A9K- Bahrain MARCO - DE mkr (PAC-UK)  
 BENN: 20341 L 1836 TYK3-PTP Cotonou - FF t/c to Paris (IK-UK)  
 CAPE: 8861 U 0007 Sal Aero wkg Cubana 493 (JCH-WD)  
 CHAD: 20753 C 1040 TTR88- IRX N'Djamena wkg IRX Geneva in FF (AM-UK)  
 CONG: 8903 U 0113 Brazzaville Aero wkg Zambia 702 (JCH-MD)  
 10057 U 0315 Brazzaville VOLMET (FF/OM) (MWD-ID)  
 EGPT: 11300 U 0026 Cairo Aero wkg Sudan 129 (JCH-MD)  
 ETHO: 8927 U 2128 Holloway R. (LDOC Addis Ababa) wkg a/c 761 (IK-UK)  
 11300 U 0446 Addis Ababa Aero wkg Air France 477 (JCH-WD)  
 IRAQ: 4324 L 1818 Iraqi Base (LDOC Baghdad) wkg Iraqi 442 (IK-UK)  
 ISRL: 2800 C 2021 4KZ- Haifa NAVRAD - V mkr (PAC-UK)  
 8437 C 0342 4KZ- Haifa NAVRAD - DE mkr (JFH-MA)  
 8694 C 0340 4K0- Haifa MARCO - CQ/QX3 mkr (JCH-WA)  
 KEN: 11300 U 0038 Nairobi Aero wkg MAC 70003 (JCH-WD)  
 LEB: 20940 C 1204 CLP3- EMBACUBA Beirut clg CLP33 Addis Ababa(AM-UK)  
 MAD: 8879 U 0203 Antananarivo Aero wkg a/c 9050 (CC-DE)  
 20834.9 L 1349 TZA820- STM Bamako - telcom t/c (IK-UK)  
 MALI: 8894 U 0041 Niamey Aero wkg Angola 621 (JCH-WD)  
 NIGE: 8903 U 0041 Lagos Aero wkg Interflug 868 (JCH-MD)  
 NIGR: 8904 U 0041 Jeddah Aero wkg Aeroflot 125 (JCH-MD)  
 SAUD: 8918 U 0505 Jeddah Aero wkg Saudi 456 (JCH-WD)  
 8927 U 0452 Jeddah IDOC wkg Saudi 02 (JCH-MD)  
 9008 U 2357 Jeddah IDOC wkg Saudi 02 (JCH-MD)  
 SENE: 7554 U 0752 TELESENEGAL Dakar - BR/FF/YL/YM (GHS-IL)  
 8855 U 0453 Dakar Aero wkg Alitalia 577 (JCH-MD)  
 U var. Dakar Aero wkg Varig 717/KLM 794 (JCH-MD)  
 8992.9 C 0418 6W- Dakar NAVRAD - V mkr (RWP-GO)  
 13410 U 2236 6W- Dakar NAVRAD - V mkr (TJY-WD)  
 16951.5 C 0155 6W- Dakar NAVRAD - V mkr (GLT-NN)  
 SOMA: 11300 U 0157 Mogadisho Aero wkg India 212 (CC-DE)  
 SOAF: 8566 C 0435 ZSJ4- Cape NAVRAD Silvermine - CQ mkr (GLT-NN)  
 8923 U 2321 Springbok Johannesburg(LDOC)w/Springbok 264 (IK)  
 0459 Springbok Johannesburg(LDOC)w/Springbok 262(JCH)  
 12947.3 C 1515 ZRH- Cape NAVRAD Fisatekraal - X mkr (GLT-NN)  
 SUDN: 11300 U 2341 Khartoum Aero wkg Luftansa 539 (JCH-WD)  
 ZIRE: 8903 U 0257 Lunumbashi Aero wkg Zimbabwe 121 (CC-DE)  
 U var. Kinshasa Aero wkg Speedbird 703/53 (CC-DE) (JCH)  
 \*\*\*\* ASIA/FAR EAST \*\*\*\*  
 XSC3- Shaughal MARCO - CQ mkr (PAT-CA)  
 C 1618

13487.5 2036 66/425n  
 13538 2135 66/425r  
 13563.4 1335 50/850r  
 13564 0056 60/850n  
 13580 2140 66/425n  
 13674 0255 66/425r  
 13689.2 1134  
 13745 1825 66/85r  
 13755 0050 66/425r  
 13780 0353 66/425r  
 13920 0330 66/850r  
 13936 2310 66/850n  
 13986.3 0047 50/850r  
 13994.9 var. 100/425n  
 14399 1223 75/425r  
 14406.4 1220 50/425n  
 14497.5 0244 66/850n  
 14825 1925 66/425n  
 14875 0050 66/675n  
 14901 1625 66/425r  
 14983a 1810 66/850r  
 15480 2145 66/425r  
 15595.5 1603 75/850n  
 15633 0356 66/425r  
 15659.1 1623 50/425r  
 15751 0100 100/85n  
 15811.5 0708 SITOR  
 15908 2108 66/425r  
 16000.2 2100 66/850n  
 16091.6 2120 66/850r  
 16137 2240 66/425r  
 16184.6 2213 66/425n  
 16213 2132 66/850n  
 16359 1715 50/425n  
 16440 2230 100/850r  
 16680.5 2010 ARGTOR  
 17199.4 1730 ARGTOR  
 17227 1848 FECTOR  
 17231 1835 ARGTOR  
 17442 0800 50/425n  
 17500 1725 50/425n  
 18052.9 2055 66/425r  
 18179 2245 66/425r  
 18470 2310 66/425n  
 ISX25- ANSA Rome ITLY - EE/NX (TJY-MD)  
 Y7454- MFA/ZID Berlin GDR - Rys (JEB-CA)  
 M3A22- CNA Taipei T1WN - EE/NX (AM-UK)  
 NAU- NCS San Juan Pr - Rys to ZRH (JEB-CA)  
 HNS79- KONA Pyonyang NOKO - Rys (JEB-CA)  
 6VY41- Dekar Metro SENE - Rys (JEB-CA)  
 MFA Jerusalem ISRL - EMB t/c (JK-PRG)  
 HSD36- Bangkok Air THAI- narrow shift Rys (JEB)  
 LRB75- SAPORITI Buenos Aires ARGN- SS/NX (JEB)  
 HMR28- KONA Pyonyang NOKO - Rys (JEB-CA)  
 AXM35- Canberra Metro AUST - WX (JEB-CA)  
 CLF1- MFA Havana CUBA - EMB msg (JEB-CA)  
 CLP1- MFA Havana CUBA - EMB msg (AM-UK)  
 VMA Monrovia LIBE - EE/NX (TJY-MD) (DS-NU)  
 OMA- MFA Prague CZEK - EMB t/c (AM-UK)  
 Y7B23- GDR EMB Moscow USSR - t/c Berlin (AM-UK)  
 CS248- Lisbon Air - WX/flight info (RDS-NJ)  
 Y2V25- ADN Berlin GDR - EE/NX (JEB-CA)  
 WF834- ITT New York USA - FOXs (RWA-TA)  
 CLM4451- PL Havana CUBA - EE/NX (TJY-MD)  
 RBY76- Tashkent Metro USSR - WX (JEB-CA)  
 HMM56- KONA Pyonyang NOKO - Rys (JEB-CA)  
 HMR51- USEMB London ENG - Lazy Dog (MAM-VA)  
 CLM487- Havana CUBA - Lazy Dog (MAM-VA)  
 USA Greenville NC USA - EE/NX-narrow shift (JEB)  
 IT EMB Ankara TURK - t/c MFA Rome (JK-FRG)  
 WFC35- APP New York USA - SS/NX (TJY-MD)  
 CXK- Carrasco Air URGY - Rys (TJY-MD)  
 STK- Khartoum Air SUDN - WX (TJY-MD)  
 CML47- FTP Havana CUBA - telegrams (TJY-MD)  
 FPQ8- AFP Paris FRAN - SS/NX (BLA-PA)  
 WF976- ITT New York USA - t/c to Havana (JEB-CA)  
 CLP5- EMBACUBA Algiers ALGE- t/c Havana (AM-UK)  
 WBR70- Miami FL Metro - WX (TJY-MD)  
 3E9Y- ORCA - t/c to PCH (BLA-PA)  
 ELZX- FRAMMULINA t/c to PCH dpx 17217.5(BLA-PA)  
 WCO- Mobile AL MARCO - WX (BRF-MD)  
 DCF- Norddeich MARCO FRG - ID mkr (BLA-PA)  
 GKA- Portishead MARCO wkg CUNARD PRINCESS(BLA-PA)  
 ASE5- FFP Karachi PAKI - QRAs (AM-UK)  
 RFFAG- FFP Mill Hq Paris - t/c to MART (AM-UK)  
 CMB405- Congo EMB Havana CUBA - Rys (TJY-MD)  
 CLM603- PL Havana CUBA - EE/NX (RWA-TA)  
 OAG2- CORPAC Imatayo PERU - ID mkr (RWA-IA)

18695.9 1615 66/425r CNM82/X9- MAP Rabat MROC - FF/NX (RMA-IA)  
 18795 1600 100/850n WBR70- Miami FL Metro - WX (TJY-MD)  
 19889.3 1220 50/425r PAKI EMB Baghdad IRAQ - tfc PAKI (AM-UK)  
 19000 1223 50/425n PRI- Campo Grande Air BRZL - Rys (AM-UK)  
 19442 2115 100/850r LOH- NAVRAD Buenos Aires - Rys to PW233 (RMA-IA)  
 19555 1015 100/850n ATQ70- PTE Delhi INDI - EE/NX (AM-UK)  
 19942-6 2019 100/850r KRH51- USEMB Bonn FRG - FOXS (BLA-PA)  
 20067 1714 74/170r 4U2- UNO Geneva SWIS- UNICEF mses (EDK-MT)  
 20078 0314 66/425n Y442- MFA/ZID Berlin GDR - FF/NX (JEB-CA)  
 20140.2 1935 66/425r CNM91- NAP Rabat MROC - SS/NX (BLA-PA)  
 20350 1406 100/850n NBA- NCS Balboa PANA - Rys (KGB-KS)  
 20471.7 var. 100/850r XCR- Montevideo NAVRAD - FOXS (BLA) (JEB) (IK-UK)  
 20977 1422 50/425n INDO EMB Prague CZEC - tfc to Jakarta (AM-UK)  
 20997.5 1635 75/425n CZEC EMB Lagos NIGR - tfc to Prague (AM-UK)  
 2067.6 2004 66/850r GCS- Santiago NAVRAD - WX to COOH/COOM (RMA-IA)  
 22156a 2038 100/850r EBBE- JUAN S. ELCANO - tfc to RETJ Madrid (RMA)  
 22728 0100 66/850r JMG6- Tokyo Metro JAPAN - WX (JEB-CA)  
 22810 1615 100/850n NBA- NCS Balboa PANA - Rys (RMA-IA)  
 23505.7 1150 75/425r SAM71- SWED EMB Dar-es-Salaam TANZ tfc to MPA Stockholm (AM-UK)  
 23528 1237 75/425r SAM75- SWED EMB Nairobi KEN-w/Stockholm (AM-UK)  
 23716.7 1836 50/425n WFG83- APP New York USA - SS/NX (MAM-VA)  
 25377.4 1649 66/---n IRY23- ANSA Rome ITALY - test tape (FJO-OH)

\*\*\*\* VLF//LW//MW \*\*\*\*  
 206 C 2350 GLS - Galveston TX NDB (IS-NJ)  
 224 A 0241 BH - Birmingham Muni - WX ID in CW (TWL-AL)  
 254 A 0010 RP - Rapid City SD airport - WX ID in CW (LMT-SD)  
 315 C 2128 SL - Seville SPAN NDB (PAC-UK)  
 326 C 0347 FC - Frederickon NE CAN - NDB (JHW-NJ)  
 351 C 0330 YKQ - Ft. Rupert QUE CAN - NDB (JHW-NJ)  
 362 C 0335 SB - Sudbury ONT CAN - NDB (JHW-NJ)  
 374 C 0338 SA - Sable Island NS CAN - NDB (JHW-NJ)  
 390 C 0341 JT - Stephenville NFLD CAN - NDB (JHW-NJ)  
 418 C 1716 FUG - La Regine NAVRAD FRAN - WX b/c (PAC-UK)  
 479 C 0440 WNU - Slidell MARCO - WX b/c (GHS-IL)  
 500 C 1819 EAF - Vago MARCO SPAN - WX ann. (PAC-UK)  
 521 C 1322 INE - Missoula MT - NDB (IG-ALE)  
 530 A 0540 LOS Angeles Int'l TIS b/c (THT-CA)  
 1613 C 0216 RAB - Rabinal GUAT - NDB (SN-TX)  
 1684 C 0432 MER - Mercaderes COLO - NDB (SN-TX)

18695.9 1615 66/425r CNM82/X9- MAP Rabat MROC - FF/NX (RMA-IA)  
 18795 1600 100/850n WBR70- Miami FL Metro - WX (TJY-MD)  
 19889.3 1220 50/425r PAKI EMB Baghdad IRAQ - tfc PAKI (AM-UK)  
 19000 1223 50/425n PRI- Campo Grande Air BRZL - Rys (AM-UK)  
 19442 2115 100/850r LOH- NAVRAD Buenos Aires - Rys to PW233 (RMA-IA)  
 19555 1015 100/850n ATQ70- PTE Delhi INDI - EE/NX (AM-UK)  
 19942-6 2019 100/850r KRH51- USEMB Bonn FRG - FOXS (BLA-PA)  
 20067 1714 74/170r 4U2- UNO Geneva SWIS- UNICEF mses (EDK-MT)  
 20078 0314 66/425n Y442- MFA/ZID Berlin GDR - FF/NX (JEB-CA)  
 20140.2 1935 66/425r CNM91- NAP Rabat MROC - SS/NX (BLA-PA)  
 20350 1406 100/850n NBA- NCS Balboa PANA - Rys (KGB-KS)  
 20471.7 var. 100/850r XCR- Montevideo NAVRAD - FOXS (BLA) (JEB) (IK-UK)  
 20977 1422 50/425n INDO EMB Prague CZEC - tfc to Jakarta (AM-UK)  
 20997.5 1635 75/425n CZEC EMB Lagos NIGR - tfc to Prague (AM-UK)  
 2067.6 2004 66/850r GCS- Santiago NAVRAD - WX to COOH/COOM (RMA-IA)  
 22156a 2038 100/850r EBBE- JUAN S. ELCANO - tfc to RETJ Madrid (RMA)  
 22728 0100 66/850r JMG6- Tokyo Metro JAPAN - WX (JEB-CA)  
 22810 1615 100/850n NBA- NCS Balboa PANA - Rys (RMA-IA)  
 23505.7 1150 75/425r SAM71- SWED EMB Dar-es-Salaam TANZ tfc to MPA Stockholm (AM-UK)  
 23528 1237 75/425r SAM75- SWED EMB Nairobi KEN-w/Stockholm (AM-UK)  
 23716.7 1836 50/425n WFG83- APP New York USA - SS/NX (MAM-VA)  
 25377.4 1649 66/---n IRY23- ANSA Rome ITALY - test tape (FJO-OH)

\*\*\*\* PACIFIC OCEAN \*\*\*\*  
 A var. VNG- SFTS Lyndhurst (DDS-FL) (CS-MO) (IG-ALB)  
 U var. SYDNEY VOLMET (CC-DPB) (CS-MO) (GHS-IL)  
 A 1200 VNG- SFTS Lyndhurst (CS-MO)  
 C 0628 VIS26- Sydney MARCO - V mkr (JEB-CA)  
 U 0510 RFP- RAAP Sydney wkg Ramrod 852 (JCH-MD)  
 A 0805 VNG- SFTS Lyndhurst (RG-TX)  
 C 1525 VHP- Canberra NAVRAD - V mkr (GLT-NM)  
 U 1144 VIP- Perth MARCO p/p for m/v PERBERB (CS-MO)  
 A 0426 AFP- RAAP Sydney wkg a/c 946 (JCH-MD)  
 C 0236 VIS6- Sydney MARCO V mkr (PAT-CA)  
 U 1640 CBS210- Easter Island wkg unid US sta (HLR-KS)  
 C 1505 FUM- Papeete NAVRAD - V mkr (HGJ-TX)  
 U 0451 Tahiti Aero wkg UTA 562 in FF (JCH-MD)  
 C var. FUM- Papeete NAVRAD - V mkr (PAT-CA) (GLT-NM)  
 U 0459 Nandi Aero wkg Quantas 45 (JCH-MD)  
 U 0501 Nandi Aero wkg Continental 2 (JCH-MD)

44 GUAM: 13300.0 U 0520 Guam Aero wkg North West 90 (JCH-MD)  
 3413 U 0936 Honolulu Aero wkg United 106 (DEM-ALB)  
 5000 A 0850 WWHV- SFTS Kauai (FCC-RI)  
 6506.4 U 0435 NMO- CG Honolulu wkg CGG SWEETBRIAR (JCH-MD)  
 6679 U var. KW70- Honolulu VOLMET (DRH-PA) (RG-TX)  
 6738 U 0442 AGA2- Hickam Aways wkg Gull 17 (JCH-MD)  
 8828 U 0630 KVM70- Honolulu VOLMET (TL-IL)  
 U 0508 Honolulu Aero wkg South Pacific 201 (JCH-MD)  
 8964 U var. AGA2- Hickam Aways wkg CG 1339/MAC 50249(GHS) (JCH)  
 11201 U 0437 NMO- CG Honolulu wkg CG 1339 (JCH-MD)  
 12889.5 C 0358 NMO- CG Honolulu - QRU mkr (RMP-GO)  
 13201 U 0429 AGA2- Hickam Aways wkg Romeo Papa 23 (JCH-MD)  
 13282 U 0432 KVM70- Honolulu VOLMET (GRW-OH)  
 15000 A var. WWHV- SFTS Kauai (DDS-FL) (DB-AR)  
 22472 C 2325 NMO- CG Honolulu - V/QRU mkr (TJY-MD)  
 KIRB: 16433 L 1825 Kiribati Feeder (DEM-ALB)  
 NGAL: 12858 C 1540 FUJ- Noumea NAVRAD - V mkr (GLT-NM)  
 22401 C 2229 FUJ- Noumea NAVRAD - V mkr (TJY-MD)  
 NZEL: 3432 U 1003 Auckland VOLMET - (LG-ALB)  
 6506.4 U 0827 ZLW- Wellington MARCO - EE/OW/YM (LNK-NY)  
 6679 U var. Auckland VOLMET (CC-DE) (JDM-MN) (JCH-MD) (DRH-PA)

8867 U 0521 Auckland Aero wkg Continental 2 (JCH-MD)  
 11130 C 0815 ZLX22- Wellington Metro - WX b/o (JEB-GA)  
 12943.5 C 1520 ZLP4- Iirirangi NAVRAD - V mkr (GLT-NM)  
 12882 U var. Auckland VOLMET (RWA-IA) (GRW-OH)  
 13300 U 0504 Auckland Aero wkg Quantas 174 (JCH-MD)

\*\*\*\* ANTARCTICA \*\*\*\*  
 8690.0 C 0255 FUJ4- St. Paul et New Amsterdam - Cq mkr (RBF-MO)  
 13826 S 0125 NNW0KMR- MARS Palmer Sta. wkg NNN0SAP (FJO-OH)  
 13974 U 0236 NNW0ICE- MARS McMurdo Sta. - radio checks (PAG-NC)

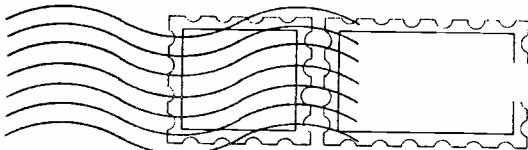
\*\*\*\* SHIPS \*\*\*\*  
 2158 S 0100 SYDX- AKTIUM clg Curacao MARCO (FJO-OH)  
 2182 S 0218 m/v JOHN ROGERS wkg CG Charleston SC (FJO-OH)  
 2670 U 0156 m/v COLUMBUS wkg CG 1343/CG Eastern Shore (CG-DE)  
 4391.5 U 0347 m/v NORWAY B/P via WOM (LNK-NY)  
 6200 U 0818 NRTP- CGG ACTIVE wkg CG Boston MA (LNK-NY)  
 6200 U 0505 NRDD- CGG DUANE wkg CG New York NY (GRW-OH)  
 6200 U 0345 KRPK- AMBASSADOR clg CG Miami FL (JRJ-MS)  
 6200 U var. NJPJ- CGG RELIANCE/NMA-CGG HAMILTON wkg NMA (LNK) (RAL)  
 6200 U var. NFOR- CGG DALLAS/NBVQ-CGG UNIMAK/NBFG-CGG ESCAPE  
 NRTP- CGG ACTIVE wkg CG Portsmouth VA (GRW-OH)  
 WMYF- NOAA ALBATROSS 4/WTEQ- NOAA PIERCE wkg NNN(LNK-NY)  
 6200 U var. NRKN- CGG BEAR wkg CG Guam (CS-MO)  
 6506.4 U 1144

..... 72 contributors this issue.....  
 (BLA-PA) Brian Alexander  
 (RWA-IA) Rodney Alexander  
 (SB-CT) Sam Barto  
 (KGB-BE) Kirk Baxter  
 (HCB-WA) Hobart Beal  
 (JEB-GA) Jason Berri  
 (DB-AR) Donald Brewer  
 (CG-DE) Cornelia Campbell  
 (PGC-RI) Peter Gard  
 (MTC-AZ) editing  
 (MDC-NY) Mark Chinsky  
 (RJC-AR) Robert Coleman  
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 (PAC-OK) Peter Conway  
 (LC-OH) Larry Cunningham  
 (JHD-PA) John Demmitt  
 (GF-NY) Gonzalez Hermand  
 (RBF-MO) Robert Flick  
 (ERP-MD) Edward Flynn  
 (LG-ALB) Larry Gadallah  
 (TG-MN) Thomas Gavaras  
 (PAG-NC) Paul Gilster  
 (RG-TX) Rodney Griffin  
 (JCH-MD) James Hartung  
 (DRH-PA) Donald Hein  
 (JFH-MA) John Henault  
 (HH-MD) Hank Holbrook  
 (CJH-WA) Chet Howarth  
 (CH-MEX) Carl Huffaker  
 (HGI-JY) Howard Johnson  
 (MWJ-ID) Mark Jones  
 (JRJ-MS) Jack Jones  
 (LNK-NY) Leon Kanopka  
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 (PTK-IL) Patrick Kerrigan  
 (JK-FRG) Joerg Klingenfuss

(KWK-VA) Kraig Krist  
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 (RAL-OH) Robert Leary  
 (MDL-ME) Mike Leonard  
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 (TL-CA) ? Lord  
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 (DEM-ALB) Donald Moman  
 (AM-UK) Alex Moore  
 (SN-TX) Sam Neal  
 (BKO-VA) Bruce Opitz  
 (FJO-OH) Fred Osterman  
 (RWP-ME) Roger Pettengill  
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 (TFS-NY) Thomas Sable  
 (DS-NJ) Donald Saunders  
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 (GHS-IL) Greg Shepherd  
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 (FAV-GA) Fred Valentine  
 (GRW-OH) Gene Walega  
 (JHW-NJ) John Walters  
 (JDM-MN) John Williams  
 (BCW-VA) Bernie Wimmers  
 (TJY-MD) Thomas Yingling

.... Far more than usual, we picked up 10 new ute contributors this issue. As we enter springtime, contributor numbers and submission volume begins to decline. Hopefully the peak has been reached, and during the next few months I will be able to clear out the backlog of QSL submissions.

mtc



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## **Ecoutez Radio-Libertaire**

Radio libre de la Fédération anarchiste émettant sur Paris

**Deadline: 12th of the month**

### **QSL REPORTS**

Drawn between the choice of typing the column or completing my tax return tonight, I chose to do what I enjoy, so here is QSL-May 1983.....

#### ASIA

BURMA: Burma Broadcasting Service, 4725, f/d Logo card in 104 days for EE report and IRC (Wilczek-IL).

CHINA: Heilongjiang PBS, 4750; Yunan PBS, 4760; Jiangxi PBS, 5020, f/d cards via Peking in 20 days (Wilczek-IL); Radio Peking/Beijing, various frequencies, f/d cards, stickers, skeds and pennants were received by the following in an average 28 days (Shryock-MO, Van Horne-TX, Renn-WA, Card-RI, Leite-MA, Cleveley-NY, Konen-WI, Schulsinger-TX, Welch-MA, Stephany-NY). At this point, it is hard to tell what the recent frost in Sino-U.S. relations will have to do with RB's generosity towards its listeners (kap).

HONG KONG: RTHK, p/d cd in 6 weeks after 2 follow ups, 2 IRC (Cleveley-NY).

INDIA: All India Radio - Hyderabad, 4802, f/d card in a total of 439 days, 4 follow ups, 3 IRC (Sharp-FL). Nice catch, David (kap).

INDONESIA: RRI-Palu, 3960, f/d personal letter and prepared card in 3 months for II report, ms, v/s M. Jusran (Lazarus-LA).

JAPAN: Far East Network, 11750, p/d logo card and info booklet in 43 weeks, 20 weeks after follow up, EE report, U.S. ms (Wilkins-CO); Radio Japan, 11875, card in 30 days (Cleveley-NY); 17755, Persimmons card in 33 days (Greenbauer-AZ); 17825, Imperial Garden View card in 23 days (Tilley-CO); 15300, partial data card in 29 days (Leite-MA); 17825, Persimmons card in 35 days (Starr-GA). As usual, all the Radio Japan/NHK cards were partial data. It is most difficult to get a true f/d card from them (kap).

KOREA, NORTH: Radio Pyongyang, 15231, f/d card, 4 postcards, pennant, book, magazine, speech by Kim Il Sung, 2½ months (Stanley-AZ); 9277, f/d card, pennant, plane sked, 3 3-D pictures, two skeds, tour pamphlet, in 133 days (Stephany-NY). Owing to the generosity of Radio Pyongyang when reports are answered, my feelings that mail either going to or coming from the D.R. of Korea is being intercepted are reinforced. Perhaps a reader "in the know" could advise of some first hand information regarding this thesis. I do know that there is (and has been for many years) a trade embargo sanctioned by the United States. Perhaps even an IRC or local postcard is considered an "item of value" by U. S. Customs. (kap).

KOREA, SOUTH: Radio Korea, 9570, f/d Musical Instruments of Korea card in 32 days along with pennant (Welch-MA); 11830, same cd in 27 days (Miller-CA).

MONGOLIA: Radio Ulan Bator, 12070, f/d card, sked, book and magazine along with stamps in 57 days (Konen-WI).

NEPAL: Radio Nepal, 5005, f/d plain vanilla card in 35 days (Wilczek-IL).

PAKISTAN: Radio Pakistan - United Nations Radio Program, f/d letter in 7 weeks, frequency was 5095, mint stamps sent (??-??); Radio Pakistan, 21485, no data postcard mentioning EE sked in 41 days, 2 IRC (Mahoney-FL).

PAPUA NEW GUINEA: Radio Western, 3305, date only personal letter in 4 months, EE report, ms, v/s Mark Auhova (Lazarus-LA). Hope the recent floods in the Crescent City didn't cause you too much anguish, Henry (kap).

PHILIPPINES: FEBC, 11890, f/d Logo cd in 85 days, 2 IRC (Ruckman-OH).

SINGAPORE: SBC, 5052, f/d card, sked and brochure in 16 days, IRC (Rising-CA)

SRI LANKA: Adventist World Radio via SLBC, 11835, f/d card and sked in 44 days (Hesch-NY).

TIBET: Xizang (Lhasa) PBS, 4750, f/d Marble Boat card via Beijing in 20 days (Wilczek-IL). Radio Beijing is most accommodating in verifying the Regional Stations. Let's hope that "l'affair tennis" does not hurt (kap).

TAIWAN: Voice of Free China, 11740, f/d card and goodie pack in 46 days (Van Horn-TX); 15345, same in 35 days (Speer-CA); 17800, same in 29 days along with tape of Chinese music for taped report (Wilkins-CO). VOFC will usually send a nice tape of popular Chinese music to those who submit taped reports. (kap).

TURKEY: Voice of Turkey, 9560, f/d card in 28 days (Starr-GA).

#### ANTARCTICA

LRA36, R. Nacional Arcangel San Gabriel, 15474v, letters and pamphlets in 21 weeks for SS report, ms (Wilkins-CO); in 6 months for SS report and 2 IRC, local postcard (Fisher-MA); in 150 days, SS report, 2 IRC (Kanopka-NY); in 132 days, SS report, 2 IRC (Hall-CA). Evidence is that the P.O. Box in Buenos Aires operates as do the U.S. Military APO and FPO addresses. The mail actually does get to the Antarctic and the QSLs are issued by Argentine Military personnel at Base Esperanza (kap).

#### SOVIET UNION

##### Radio Moscow sites:

Irkutsk, 17880, 38 days (Greenbauer-AZ)  
Minsk, 15150, 50 days along with pennant (Hosmer-MI)  
Lvov, 7150, 58 days (Greenbauer)  
Moscow, 7360, 45 days (hosmer)  
Petrovavlovsk-Kamchatsky, 21565, 38 days (Greenbauer)  
Vinnitsa, 15135, 50 days (hosmer)

Radio Kiev, 7165, f/d card and sked in 55 days (Hecht-PA)

Radio Vilnius, 17870, f/d cards in 100 days (Schulsiner-OH), in 47 days along with sked (Renn-WA).

Radio Yerevan, 17870, f/d card in 65 days (Huffaker-MEX).

#### MIDDLE EAST

EGYPT: Radio Cairo, 9474, f/d card in 112 days (Sill-MA), in 82 days (Starr-GA); 12000, same in 74 days (Renn-WA).

IRAN: VOIRI, 9022, f/d card and 2 books on Islam in 6 months, 2 IRC (Jones-VA), same in 111 days (Stephany-NY).

IRAQ: Radio Baghdad, 9745, date/freq painting card and sked in 127 days (Wilczek-IL).

ISRAEL: Kol Israel, 7410, 9815, 11637, 13745, f/d cards in an average 60 days (Hecht-PA, Shryock-MO, Cleveley-NY, McCants-AL, Card-RI, Renn-WA, Coutermarsh-VT, Duncan-NC, Huffaker-MEX, Sill-MA, Welch-MA, Kapinos-MA, Muzyka-NY, Barto-CT) Think this was a long list of contributors, wait until you see Saipan (kap).

KUWAIT: Radio Kuwait, 11675, f/d Coverage Area card and note of thanks in 35 days (Card-RI).

LEBANON: Voice of Hope, 6215, f/d logo card and sticker in 6 days via Van Nuys address, minst stamps (Soomre-MA). Welcome to SPEEDX, Ed, and thanks for the calls (kap).

OMAN: Radio Oman, 7150/11890, f/d Date Palm Folder QSL in 5 months, also rcvd sked (Wilczek-IL); 9735, same in 31 days, 2 IRC (Kpnen-WI); 11890, same in 32 days (Mahoney-FL).

SAUDI ARABIA: BCSKSA, 15060, f/d white card, sked and letter in 81 days for an EE report on an AA program (Ledford-NJ).

UNITED ARAB EMIRATES: Radio Dubai, 15320, f/d Map card, sked and paper pennant in 29 days, 2 IRC (Brenesal-FL); in 24 days, 2 IRC (Card-RI); 21655, same in 31 days (Cleveland-NY).

YEMEN ARAB REPUBLIC: Radio Sana'a, 9780, f/d mimeo form letter in 30 days, FF report (Van Horn-TX); same in 58 days, 2 IRC (Konen-WI).

#### AFRICA

ANGOLA: Radio Nacional, 11955, f/d form letter in 57 days, PP report, 2 IRC (Konen-WI). As mentioned previously, EE reports are OK (kap).

CAPE VERDE: R. Voz de Sao Vicente, 3930, p/d card in 25 days for PP report, 2 IRC (Hall-CA); 7155v, same in 3 weeks, 2 IRC (Howard-CA). Nice to see 2 QSLs from this toughie this time (kap).

EQUATORIAL GUINEA: R. Nacional, 5005, freq only personal letter and photo via registered mail in 7 weeks, SS report, 2 IRC (Wilkins-CO). Thanks to Bill Annis in Lafayette, IN (and also apologies for misplacing this item for a couple of months) for the following info. Bill sent a report to Radio Malabo and received a letter in response. The letter was not a QSL but a brief autobiography of the writer and a request for good old U.S. money. Interestingly enough, the request for funds was in perfect grammatical SS, but the personal parts were in not-quite perfect SS. Two things come to mind here, #1, that someone other than the writer had prepared a "canned" form letter and, most importantly, #2, we QSL hounds often do the same when using a prepared form letter in a foreign language and then "fill in the blanks" with some lousy grammer (kap).

GABON: Radio France Internationale Moyabi Relay, 15435, f/d card in 250 days, IRC (Kivell-NM); same along with pennant in 112 days (Stephany-NY).

KENYA: Voice of Kenya, 4804, f/d aerogramme in 6 months after 2 follow ups, 2 IRC (Cleveland-NY); 4915, same in 30 days, 2 IRC (Konen-WI).

MADAGASCAR: Radio Netherlands Talata Relay, 15220, 11735, 15560, f/d cards via Hilversum in 15 days (Weikel-MI), in 14 days, IRC (Brewer-AR), in 12 days (Streeter-NY), in 56 days (Welch-MA), in 23 days (Konen-WI).

MOROCCO: RTV Marocaine, 15105, f/d Antenna Sketch Card in 37 days, FF rpt (Ruckman-OH); 15335, same in 41 days, FF report (Barto-CT). Sam. glad that that VOA tip I gave you resulted in your receiving that most rare and elusive reception (kap).

NAMIBIA: Radio South West Africa, 4965, f/d "Aloe Dichtoma" card, sticker and book in 82 days, 3 IRC (Stephany-NY).

NIGERIA: FRCN-Kaduna, 4770, f/d mimeo letter in 424 days, 2 IRC (Speer-CA), same in 40 days, 2 IRC (Starr-GA), in 13 months (Latko-AZ), in 2 months for taped report, 3 IRC (Kapinos-MA). No, I wasn't especially lucky, it was the 4th report in 3 years (kap); Cross River Radio, 6145, f/d mimeo letter in 59 days for IRC (returned) (Leite-MA); Voice of Nigeria, 7255, f/d Remembrance Arcade card in 5 months, 2 IRC (Wilczek-IL); 15120, same card in 7 months (Sugai-Japan); same in 190 days (Sienick-NJ).

SAO TOME e PRICIPIE: Radio Nacional, 4807, f/d tri lingual letter in 62 days for PP report, 3 IRC (Leite-MA).

SENEGAL: O.R.T.S., 4890, date/time Blue and White Logo card in 32 days, 3 IRC (Kivell-NM); same in 22 days, 2 IRC, FF report (Streeter-NY).

SIERRA LEONE: SLBS, f/d personal letter in 18 months total, 6 months after follow up, IRC (Wilczek-IL).

SOUTH AFRICA: SABC, 4835, f/d card in 23 days long with sked and pennant (Sharp-FL); Radio RSA, various frequencies, f/d cards in an average 30 days (Wettersten-OH, Lipman-NY, Hecht-PA, Rising-CA, Card-RI, Opitz-VA, Weikel-MI). Pennants also rcvd by those who asked.

SWAZILAND: Trans World Radio Manzini Relay, 5055, f/d folder card in 56 days, 2 IRC (Hosmer-MI); 9730, same in 48 days (Taylor-MO).

TOGO: Radio Togo, 5047, f/d Map card in 92 days, FF report, 2 IRC (Ruckman-OH); 7265, same in 68 days (Ledford-NJ); 5047, same in 183 days, 2 IRC (Welch-MA).

UGANDA: Radio Uganda, 5027, f/d mimeo letter and personal letter in 66/77 days, 2 IRC (Konen-WI).

UPPERVOLTAGE: RTV Voltaique, 4815, f/d form letter in 98 days for FF report, SASE (Hall-CA). Stu Hall brought up an interesting point that bears publishing. He has had excellent luck with the Africans by sending a SASE rather than the traditional mint stamps or IRC. (kap)..

ZIMBABWE: ZBC - Radio 1, 3396, date/freq large Map card in 88 days after follow up, 343 days total, 2 IRC (Stephany-NY).

## EUROPE

ALBANIA: Radio Tirana, 7120, f/d Spiriti of the Revolution card in 87 days (Sharp-FL).

AUSTRIA: ORF, 5945, f/d Picture of an old Winepress card, sticker and sked in 34 days (Hesch-NY); f/d "Glass Towers card in 48 days, 2 IRC (Robinson-TN). Austrian Radio welcomes taped reports, especially from the "hitherlands" of the U.S. and the rest of the World. These tapes are most valuable to their engineering people. (kap).

BELGIUM: BRT, 7465, f/d form letter and DX Club application in 36 days (Opitz-VA); 11645, same in 26 days (Cleveland-NY); 21525, f/d Market Place card in 38 days (Sharp-FL); "La Voix de L'Amitie", 21460, f/d "Boilers" card and colorful sticker in 17 days (Stephany-NY).

BULGARIA: Radio Sofia, 7115, f/d cards in 42 days (Mahoney-FL), in 63 days (Hecht-PA); 9700, same in 63 days (Robinson-TN), in 44 days (Cleveland-NY). Radio Sofia has an interesting "pyramid scene" to obtain full membership in their DX club. Folks who know tell me that the effort is worth what one winds up getting (kap).

DENMARK: Radio Denmark, 15165, f/d  $\frac{1}{4}$  Painting card in 22 days, 2 IRC (Schulsinger-OH); f/d "Aerial Tower" card in 44 days, IRC (Ward-PQ). Hmm...the old "Tower" cards are back, perhaps they are out of the paintings set (kap)

ENGLAND: VOA Woofferton Relay, 7200, f/d "Golden Gate Bridge" card in 12 days (Streeter-NY).

FINLAND: Radio Finland, useless form letters were received by (Shryock-MO, Cleveland-NY, Starr-GA). Yes, BOO HISS. First, "we are not a supermarket", then not even a n/d card. Coupled with a lack of a true "North American Service" (evenings local time), one tends to wonder if they are interested in the North American Audience at all. Folks do remember when Radio Finland was a reliable QSLer and has a decent NA Service (kap).

FRANCE: Radio France Internationale, various frequencies, f/d cards in varying times (due to RFI reorganization) were received by (Jones-VA, Drollinger-WI, Wettersten-OH, Philip-BC, Cord-RI, Rising-CA).

GERMANY-EAST: Radio Berlin International, 9560, f/d card in 3 months (Cleveland-NY), f/d Discone Antenna Card (Instructions how to build your own) in 49 days along with pennant and newsletter (Greenbauer-AZ), f/d scene card and several very nice First Day Covers in 2 months for taped report and used U.S. stamps (Kapinos-Miller Country); 15240, f/d card in 31 days (Leite-MA); 21540, f/d card in 50 days (Ward-PQ).

GERMANY-WEST: Deutsche Welle, various frequencies, no data Broadcasting Center cards in 28 days, 2 IRC (Trager-CA), in 34 days (Thunberg-PA), in 57 days (McCants-AL), in 34 days along with 2 books about DW (Renn-WA); Sudfunk, 6030, f/d Building card in 95 days, 2 IRC (Stephany-NY); Radio Bremen, 6190, f/d Blue/Yellow Antenna card in 59 days, IRC (Parks-FL).

GREECE: Voice of Greece, 9865, f/d "Plomari" card in 47 days, IRC (Robinson-TN); 15050, f/d Ydra Isiano cd in 145 days, 2 IRC (Kivell-NM); Voice of America Kavala Relay, 7205, f/d "41 years - San Diego Scene" (new card) in 10 days (Kapinos-MA); 9700, f/d 40th anniversary cd in 9 days (Hosmer-MI



HOLLAND: Radio Netherlands, 17605, f/d Flevo Groundbreaking card in 22 days (Hesch-NY); 9590, f/d Authentic Costumes cd in 13 days (McKinstry-VA).

HUNGARY: Radio Budapest, 9570, f/d card in 2 months (Cleveland-NY); 9835, f/d card in 90 days (Miller-CA); Special 25th Anniversary Souvenir cards were received by (Soomre-MA, Leite-MA, Kapinos-MA).

ITALY: Radio Milano International, f/d sheet with QSL message, personal letter and sticker in 86 days, 3 IRC, v/s was Dario Montferini (Stephany-NY); f/d card in 34 days (Barto-CT).

LUXEMBOURG: Radio Luxembourg, 6090, no data Staff Photo Cards in 199 days, IRC (Rising-CA), in 212 days, IRC (Schulsinger-OH).

MALTA: Radio Mediterran, 5960, f/d Map cards in 19 days (Wilczek-IL), in 21 days, 2 IRC (Streeter-NY), in 27 days (Sharp-FL); IBRA Radio, 9555, f/d "Stockholm card in 20 days, IRC (Stephany-NY).

MONACO: Trans World Radio - Monte Carlo, 9610, f/d World Map Card in 22 days, IRC (Ward-PQ).

POLAND: Radio Polonia, 9675, f/d card in 85 days (Sienicki-NJ).

PORTUGAL: Radio Portugal, 6075, f/d "Seal" (the mammal kind) card in 18 days (Konen-WI); 11925, f/d "Centerpiece" card in 18 days (Starr-GA).

SPAIN: REE, 9630, f/d Art Works card in 31 days, SS report (Mahoney-FL), f/d card for monitor report (Miller-CA).

SWEDEN: Radio Sweden International, various frequencies, f/d cards in an average 45 days (Trager-CA, Sill-MA, Lipman-NY, Wettersten-OH, Barto-CT)

SWITZERLAND: Swiss Radio International, 3985, f/d card for taped report and 2 IRC (Kapinos), 6135, same in 40 days (Lipman-NY); 9725, same in 58 days along with sticker, IRC (Hosmer-MI); 21570, same along with sticker in 20 days (Muzyka-NY), same in 31 days (Welch-MA); 25780, same in 26 days (Opitz-VA); 4UZ Geneva (UN Radio Transmission to the USSR), 14500, f/d Logo card in 17 days, this is SWBC, not a UTE, as the transmission is meant for the general public as well as Radio Moscow (Stephany-NY). Nolan, thank you very much for this information (kap).

VATICAN: Radio Vatican, 6210, f/d card in 3 months (Jones-VA).

YUGOSLAVIA: Radio Yugoslavia, 9610, f/d card in 42 days, 2 IRC (Baxter-KS); 9620, same in 32 days, 2 IRC (LEdford-NJ).

#### OCEANIA

AUSTRALIA: Radio Australia via Shepparton, 9760, f/d Regency Bower Card in 19 days, IRC (Hull-WA); 15115, f/d Koala Bears card in 21 days, IRC (Brewer-AR); 21680, f/d Kookaburras card in 18 days (Radtko-CA); 21740, f/d Regent Bowerbirds card in 14 days (Baxter-KS); f/d Kookaburras card in 22 days, 2 IRC (McKinstry-VA).

GUAM: KTWR, 11920, f/d Antenna Slew Switch card in 30 days along with pennant and sked, for EE report, U.S. ms (Cord-CA); 9505, same in 18 days (Konen-WI). Don't forget, Guam, as is Saipan, are part of the United States for Postal purposes and U.S. mint stamps are a lot cheaper than IRC (kap).

NEW CALEDONIA: FR3, 7170, frequency only letter and folder in 30 days for FF report (Lorc-CA); Adventist World Radio via FR3 Noumea, 7170, f/d map card marked "First for USA for Noumea Site" along with sked, calendar, DX Stamp, RMI DX News Sheets, all for report to Poona, India AWR Asia HQ in 3 months (Wilczek-IL).

NEW ZEALAND: Radio New Zealand, 11960, f/d scene card, pennant and sked in 18 days, 3 IRC (Welch-MA); 15485, same in 14 days, IRC (Weikel-MI).

SAIPAN: KYOI, various frequencies, f/d "Bird" QSLs were received in an average 60 days by the following (Leite-MA, Konen-WI, Huffaker-MEX, Stephany-NY, Welch-MA, Jones-VA, Greenbauer-AZ, Barto-CT, Sharp-FL, Kivell-NM, Evans-TN, Schulsinger-OH, Lobdell-MA, Drollinger-WI, Baxter-KS, Rising-LA, Hesch-NY, Brewer-AR, Card-RI, Witte-CA, Hosmer-MI, Muzyka-NY, Streeter-NY, Ulmer-LA); certainly one of the most reported QSLs in the history of the SPEEDX QSL column. Don Hosmer came up with a great idea for a contest, so a tip of Kap's cap to him. Let's name the bird. Keep it clean, Mrs. Kap and I to be sole judges. Nice prize. Deadline will be 1 June. Have fun (kap).

SOLOMON ISLANDS: SIBC, 5020, f/d Logo card in 28 days, ms (Ledford-NJ); same in 5 weeks, 2 IRC (Baxter-KS). Don't forget, folks, SIBC does request an IRC of two to defray their costs (kap).

VANUATU: Radio Vanuatu, 7260, f/d "Head of Slit Gong" card in 5 months for EE report, IRC (Wilczek-IL).

#### SOUTH AMERICA

ARGENTINA: RAE, various frequencies, no data cards, skeds, stickers, a few pennants, all kinds of stuff were received by the following, varying return postage (save your IRC-kap) (Renn-WAPoitz-VA, Card-RI, Drollinger-WI, Konen-WI, Ledford -NJ)

BRAZIL: Radio Oito de Setembro-Descalvado, 2320, no data personal letter in 22 months ( 3 weeks after f/u ), PP report, SASE, station now operating on new frequency of 2490 (Lobdell-MA); Em. de Educacao Rural de Natal, 3335, n/d personal letter 2 weeks after f/u, 261 days total, PP report, ms (Parks-FL)-----full address (not in WRFVH-83) is Praca Pia X, 335, Natal-----Radio Emiss. Rural, 4765, f/d personal letter and postcard of cathedral, 29 days, PP report, ms (Schlesinger-TX); same in 38 days, PP report, IRC (Drollinger-WI). V/S in both cases was Bishop James Ryan, a Chicago native, who has been a missionary in Brazil for 40 years. I feel than an EE report will be OK, but also that return postage is a must. Bishop Ryan's work is a tough job, please do not expect him to pay for postage to send your QSL to you (kap); Radio Cultura de Sergipe, 4775, p/d form letter and postcard in ?? for PP report (Wilczek-IL), same in 51 days after 2 follow ups for 1976 reception, PP report (Barto-CT); Radio Clube de Perambuco, 6015, f/d personal letter in 126 days for PP report, ms (Parks-FL); Radio Marumby, 9675, f/d "Juvete Beach" card in 22 days for PP report, ms (Streeter-NY); Radio Clube, 15415, freq only personal letter along with post card in 38 days, PP report, ms (Streeter); Radio Nacional (Radio BRAS), 17830, f/d cards in 70 days (Konen-WI), (Jones-VA), 55 days (Starr-GA), in 53 days (Greenbauer-AZ), in 32 days (Tilley-CO). Might I suggest at least one IRC be sent to Radio Bras. (kap).

COLOMBIA: Radio Guatapuri, 4815, 2 pager personal letter along with copy of my original report received 17 days after follow up, 343 days total, SS report, ms (Streeter-NY); Ondas del Meta, 4885, date/freq letter and "Certificado de Sintonia" in 45 days, SS report, ms (Huffaker-MEX), same in 56 days, SS report, ms (Kivell-NM), same in 6 weeks, SS report, ms (Wilkins-CO), in 55 days, SS report, ms (Streeter-NY); Armonias del Caqueta, 4915, p/d Palm card and personal letter in 53 days, SS report (Wilczek-IL), same in 60 days SS report (Huffaker-MEX), in 29 days, SS report, ms (Schlesinger-TEX); Ondas del Orteguzaza, 4975, frequency only personal letter and 2 pennants in 99 days, SS report (Wilczek-IL).

ECUADOR: Radio Iris, 3381v, f/d prepared card in total of 701 days, 3 f/u, SS reports, ms (Wilkins-CO); Radio Federacion, 4960, p/d Map card in a total of 67 weeks, 6 weeks after f/u, SS rpt, ms (Wilkins); p/d map card in 4 years+, 6 weeks after f/u, SS reports, ms (Lobdell-MA), same in 150 days, SS report (Huffaker-MEX); Radio Quito, 4920, freq only logo card in 26 days, SS report, IRC (Konen-WI); Radio Baha'i, 4995, freq only (wrong) cd poster, Christmas card, personal letter and station bulletin in 46 days, SS report (Wilczek-IL); card and form letter in 47 days, SS report, ms, along with same items as Wilczek received (Schlesinger-TX).; Radio Splendit, 5025, date only letter in 40 days, SS report, ms (Huffaker-MEX); HCJB, various frequencies, f/d cards were received by (Greenbauer-AZ, Clevelley-NY, Soomre-MA, Salmon-CA).

FRENCH GUYANA: France Regions 3 - Cayenne, 3385, f/d Hand Colored Folder Map card in 64 days, FF report, IRC (Ledford-NJ).

PERU: Radio Tarma, 4775, f/d personal letter and prepared card in 22 days, SS report, ms (Lazarus-IA); Radio Andahuaylas, 4840, "Typical Girl of Cusco" color photo card and personal message in 10 weeks, SS report, ms (Lobdell-MA); Radio Tarma, 4775, freq only personal letter and post card in 34 days, SS report (Wilczek-IL); Radio Cooperativa, 4785, date/freq personal letter in 29 days, SS report (Wilczek); Radio Pampas, 4855, f/d personal letter and prepared card in 1 month, SS report, ms (Lazarus-IA); Radio Los Andes, 5030, f/d "Certificado de Sintonia" card and photo of religious procession in 20 weeks total, 2 weeks after f/u, SS report, ms (Wilkins-CO); same in 196 days, SS report (Tanaka-Japan), in 160 days, SS report (Huffaker-MEX), in 6 months, SS report, ms (Jones-MS); Radio Rioja, 5045, "Thank you for your report" letter in 170 days, SS report, IRC (Stephany-NY).

VENEZUELA: Radio Tachira, 4830, Colorful "Building" card in 115 days, SS report, ms (Stephany-NY); Radio Valera, 4840, photo card with scenes of Valera including the studio in a total of 11 months, 2 months after 2nd follow up, SS report, ms (Lobdell-MA); Radio Carora, 4910, p/d personal letter and Vene stamps in 39 days, SS report (Wilczek-IL); Radio Angostura, 6119v, f/d preapred card in 12 weeks, SS rpt, IRC (Wilkins-CO).

#### NORTH AMERICA AND THE ISLANDS

Folks, space is at a premium this month, so, contrary to normal practice, we are forced to truncate this area quite a bit.

ANTIGUA, BBC relay, n/d cards rcvd by (Cord-RI and Hecht-PA); BELIZE, Radio Belize, f/d card in 21 days, 2 IRC (Ruckman-OH); BONAIRE, Trans World Radio, 9535, f/d card in 48 days (Philip-BC), 9755, same in 105 days (Ruckman-OH); CANADA; CFCX-Montreal, 6005, card in 37 days (Parks-FL); CFVP-Calgary, 6030, cards in 10 days (Greenbauer-AZ); CFRX-Toronto; 6070, card in 20 days, 2 IRC (Ruckman-OH); CKZU-Vancouver, 6160, cards in 59 days (Parks-FL), in 21 days, ms (Schulsinger-OH), in 12 days, IRC (Greenbauer-AZ); CKZN-Saint Johns, 6160, cards in 43 days (Stephany-NY), in 29 days (Mahoney-FL); COSTA RICA; Rdo Reloj, 4832, date/freq cd in 20 weeks total, SS rpt, ms (Wilkins-CO); 6006V, same in 9 days, SS report, ms (Schlesinger-TX); TIFC, 5005, f/d card in 171 days, IRC (Drollinger-WI); same in 150 days, IRC (Sienick-NJ); CUBA, Radio Habana Cuba, 11930, f/d card in 95 days (Claytor-MI), in 4 months (Jones-VA); GUATEMALA, Radio C ortis, 3380, date/freq combo QSL and pennant in 24 days, SS report, 2 IRC (Shorrock-KS); HONDURAS, HRVC, f/d Logo card in 16 days, EE report, ms (Evans-TN), p/d Logo cd in 13 days, 3 IRC (Ulmer-LA); MEXICO, XERMX, 15430, f/d thin paper QSLs with uses Mexican stamps attached in 97 days, SS rpt (Mahoney-FL), in 35 days, EE report, IRC (Starr-LA); NICARAGUA, Radio Zinica, 6120, p/d personal letter in 128 days, SS report, ms (Wilczek-IL); UNITED STATES OF AMERICA; KGEI San Francisco, f/d QSLs rcvd by (Thompson-CA, Renn-WA, Hosmer-MI, Demmitt-PA); WYFR Okochobbee, f/d cards were rcvd by (McCants-AL, Hecht-PA, Coutemarsh-VT, Cord-RI); WRNO-New Orleans, p/d card in 32 days (Lipman-NY); Voice of Free China via WYFR, 5985, f/d cards received by (Pagano-DC, Wilkins-CO, Lipmar-NY); VOA-Bethany-OH, 21485, f/d card in 46?? days (Schulsinger-OH); VOA-Delano-CA, 11740, f/d card in 26 days (Lipmar-NY); USA PIRATES; Voice of Venus, 7425; Voice of Syncom, 6225, Radio Free Radio, 7431, W TDT, 7425, KQSB, 7426, f/d QSLs were received by Streeter-NY and Baxter-KS., also WDX Free Radio, 3240 (2x1620), p/d QSL in 62 days (Jones-VA).

#### KAP'S KOMMENTS:

WELL, this was certainly an experience. Too many reports, too little space. Rather than eliminate some valuable information, the truncated NAatl route was chosen. Virtually every report (except for repetitions and illegibles) was included this time around. As per our notice last month, anything rcvd after 12 April will be included next month. Our sked insists that we go to press on the 13th.

I do wish that I could include some of the great photos that have crossed this desk in the past month. However, I feel that you, the readers, would prefer hard facts rather than a "photo gallery".

Also, you might note that many of the African and South American QSLs were the result of just plain hard work, including follow ups. In another SW mag several years ago, I made the comment "if you don't care to do your homework, don't condemn those who do". That feeling is still true today. Yes, QSLing is a hobby, but if every report one sent out would result in a QSL, it wouldn't be fun, and that's what the QSL chase is. If it is not, to you, I would suggest that you find another pastime, pronto. Let us not take ourselves too seriously, or we might as well go back to our stamp collections, or model trains, or trying to figure out what the authors in the latest "Ellery Queen Mystery Magazine" are trying to say.

And, now, since I am not the elected mayor of a major U.S. city, I had best get to completing my 1982 Tax Return. Why have I procrastinated in doing dear old form 1040? Simply. those of us who are lucky enough to have made a couple of bucks on Wall Street owe Uncle Ron some money....

# 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

### INTERFACE NOW

by Bob Raymond, MA

I am sure that many DXers would agree with me when I say that we DXers are never quite satisfied with the status-quo. It seems that there is always something that we want to add to our hobby in order to enhance it. Quite often, these enhancements manifest themselves in the forms of new pieces of gear or perhaps subscriptions to radio magazines. But none of these past additions to our hobby could possibly be as valuable as the latest technological breakthrough—the personal computer.

Of course, what I am saying has been said before. In fact, I am sure that the reader has read quite a bit about computers already; inasmuch as one cannot read any book, magazine, or newspaper without reading something about this fascinating piece of equipment. It is simply my desire to convey upon the reader what I have discovered about the computer as it relates to the radio hobby.

I can remember when I first saw a personal computer. It was at Radio Shack before I started working for Tandy. Not only was I impressed with the machine, I was also afraid of it; certainly enough so that I dared not inquire further about it! This fear of the computer continued until I became employed with the Shack and thusly charged with the responsibility of actually SELLING IT! My fear soon turned to confusion and then to awe of those people who actually knew—unlike this writer—how to make the computer do more than just print incessantly on the screen: "HI I'M THE TRS-80 MODEL I COMPUTER... PLEASE BUY ME!".

However, after selling about fifty computers and after the company wisely mandated the in-store business use of the Model III computer, I finally developed a serious interest in computers and decided to purchase a color computer—three months prior to that inevitable price cut! And that is where all the fun began!

There are many benefits gained by the use of the computer in the DXer's shack. The most important benefit is that programming one is a hobby in and of itself. All personal computers are programmable in the BASIC language which is the easiest to learn and use. The language's name is in all actuality an acronym which stands for: Beginner's All-Purpose Symbolic Instruction Code. It is a very powerful high-level language that is not limited to beginners since many experienced programmers utilize it. Be that as it may though, for it is more than sufficient for our purposes!

One of my highest recommendations for the computer's use in the radio shack is in its capacity as a data base manager. One can program the computer to store and sort through a shortwave radio log for instant recall of stations received as well as for pertinent data concerning countries heard or verified. A program like this would be invaluable especially if one were to want to know, for instance, if a particular station had been previously received.

The computer's usefulness does not stop with the data base manager. For example, a recent addition to my library of self-written programs is one that creates a reception report. With this program, all of the common text—that which would normally be present in any report—is in the program already. All one has to do is to enter the pertinent information concerning the station received and order the computer to print the report. What separates this from regular report forms is that, given the computer's power to add string variables (letters to which alpha-numeric data are assigned) to others, the station's name can be intermixed with the pre-existing text. This, of course, generates a reception report that looks as if it were written exclusively for the station receiving it! A nice, personal touch which might lead to a QSL!

This is not all that this program can do though! It can print the same report in other languages with the exception of the program details section, this part must still be created by the writer. Lastly, the program generates a SPEEDX report form that can be

cut from the bottom of the report and then mailed to the respective editor.

Another SPEEDX-associated program I use is one that sorts my station goals for me. I prefer having my shortwave goal stations presented to me in time sequence rather than by frequency or geographical location. With my program, I simply search sequentially through each logging in SPEEDX and type in the important information for each station I need. The computer conveniently sorts through the data and presents a time-oriented goal sheet.

For the technically inclined, the computer is a great mathematician and problem solver. Formulas of importance to circuit design can be incorporated into a program for use. For the novice builder, myself included, one can even program the computer to decode resistor values.

In addition to shortwave and technical applications, I also use my computer for my ham radio interests. I possess a program, gleaned from the pages of "80 Micro" magazine, which will read and generate morse code. I also use a data base management program similar to one described earlier to generate and manipulate pertinent ham radio data.

These are just a few uses for this marvelous machine! Upon purchasing a computer, one will inevitably create his own personal applications. This is true because just as surely as the hammer is the extension of a person's arm, the computer is an extension of a person's individual intelligence.

I recommend with enthusiasm that anyone interested in radio obtain a computer. It is a very logical extension of the radio hobby and a hobby—in and of itself—that fosters personal growth, entertainment, and intellectual fulfillment.

RECEIVER REVIEW: SANYO MODEL  
M7770K 4-BAND STEREO RADIO  
CASSETTE RECORDER

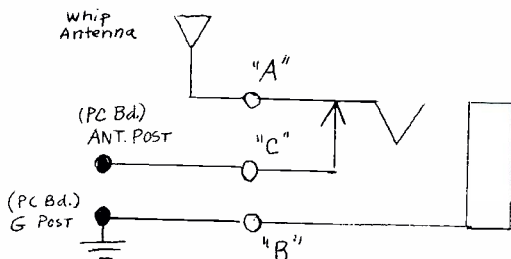
by Greg Watts, IN

The Sanyo M7770K is a powerful radio cassette recorder in a portable package. Unlike some "boom boxes" this set features shortwave reception. It is however a radio for the listener of shortwave who likes stereo too. It is not well-suited for the serious DX hound or Ute nut. The following review is based on subjective

observations, not on measurements.

The cassette recorder/player is very good. It accepts normal, CrO<sub>2</sub> and metal tapes. It features an Automatic Music Select System ("AMSS") which can skip sections of recorded tapes by counting blank spots on the tape.

Figure 1. Installation of external antenna input, schematic.



The radio receives MW, FM and shortwave (2.3 to 23 Mhz) in four bands. The sensitivity seems good. The whip antenna works best if you touch it. The selectivity is at least to 5 kHz even without the fine-tuner which has a range of 5 kHz maximum. A big disadvantage is the lack of any accurate frequency readout. AM and FM sound quality are excellent with nice stereo separation. There is no provision for receiving SSB or CW modes.

There is no input for an external antenna, but one

can be installed about an inch below the tuning knob. The whip antenna connects to a post inside the back of the radio on the right side, near where the internal antenna connects to the PC board. By connecting wires to a 3-conductor, normally closed miniature jack (e.g. Radio Shack 274-296 or else a subminiature jack) and connecting solderless connectors to these wires, then mounting the jack, then pushing the connectors to the proper terminals, this omission by Sanyo may be easily remedied. (Fig. 1.)

The wires and connectors should be clear of the tuning string and not touching exposed connections as the rear cover is replaced. Remember that any damage to existing components is not covered if it is caused by careless installation of this modification.

With this radio I have the best of both worlds available in such an inexpensive portable unit. I can listen to my stereo or various shortwave broadcasters at my leisure and leave the serious DXing for my DX-160 radio.

ICF-2001 WARRANTY FROM DISCOUNT HOUSES

by Don Brewer, AR

After purchasing my ICF-2001 at a below whole-sale price (from 47th St. Photo) early this year, I read about the "grey market" and the report in WRTH-83 that Sony Corporation of

America would not honor the warranty on such purchases.

This was puzzling, since a sheet on warranty information from Sony of America was packed with the radio. Finally, I called Sony customer service in New Jersey for clarification.

A Mr. Olko at Sony indicated he had not heard of the man's name quoted in the WRTH article, and that my warranty would be honored, even after hearing where the receiver was purchased.

He was puzzled that I did not have a warranty card to return to them. However, the paper which came with my receiver indicated the bill-of-sale would offer proof and date of purchase.

This raises the question as to what dealers, selling below wholesale, are considered "grey market"? I shouldn't think receivers wholesaled from Asia would have Sony of America warranty notices packed with them.

The question is probably academic for me; with a 12-month warranty, my ICF-2001 probably will perform flawlessly until about the 14th month after purchase!

YE OLDE RECEIVERS - A RESTORATION PRIMER

by David Sharp, FL

If you have recently bought, or own an old receiver, I hope to offer a few hints which may help to get the old rx working again. If you are planning on buying an old radio,

I will provide information on what to look for.

When buying ye olde receivers, one of the first things to check is the feel of the controls. If the tuning dials, etc. feel rough, take my advice and stay away from the radio. . . unless it is something obvious (such as a set screw), or you know how to repair tuning mechanisms!

Another thing to check is whether or not the radio has an RF stage. If looking for a rx with DX possibilities, make sure it has an RF stage. Those radios without one will lack the basic ingredients (selectivity, stability, and sensitivity) needed to pull that weak station out of the QRM. As such, a radio of this nature will probably only be suitable for casual listening on the SW bands.

After buying an old receiver, most people will think it's ready for the garbage. But wait! It can be restored! The first thing to check is the wiring. Is it frayed or broken? If so, gingerly remove the old wiring and replace with new. This is probably the one best thing anyone can do to reduce the chances of fire.

Another important factor is the cleanliness of the receiver. Dust, cobwebs, etc. inside the radio will form low-resistance paths from the high impedance circuits to ground. This could have a detrimental effect on your receiver, so clean the stuff out. To clean the front panel, remove all of the knobs and wipe clean with a mild detergent cleaner.

Many of the older receivers had a wrinkle finish, which is difficult to clean. One may want to clean the finish with a small scrubbing brush; I have had moderate success with this method. Some circles feel the cabinet of the radios should be preserved with a mixture of turpentine and baby oil. I tried this with my HQ-129X. While it did perk up the paint, the mixture left the cabinet feeling greasy to the touch. Experimentation may be necessary to find an ideal mixture.

The knobs may be cleaned with a small brush and mild detergent. Avoid abrasive cleaners, as they may scratch the knobs. They should be dried with a soft cloth and put back on the radio.

When I received my HQ, I noticed that the 18 to 31 MHz band was almost dead. Close examination of the chassis revealed that some of the drippy paper-wax bypass capacitors had leaked. The leakages of these capacitors also results with an electrical leakage. I therefore replaced the suspect capacitors with the new sealed-in-plastic versions, which can be found at any local electronics supply outlet. The result was remarkable! A once dead band became very active with DX! However, when replacing the capacitors, make sure the voltage ratings are equal to or higher than the oldies.

If the above process doesn't solve your problem, it would be wise to check the tubular capacitors, and perhaps replace them with ceramic disc capacitors. Another suggestion would be to check the resistors. It is quite possible their values have changed over the years and need to be replaced. One may also encounter calibration problems, but I will not cover this subject because I am not familiar with the factors involved. Unless

you really know what you're doing, my suggestion is to find someone who does. If the rx is only a little off, then it may be worth your time to experiment.

Finally, I would like to comment on tubes. I highly suggest that all of the tubes found in your receiver at the time of purchase (unless they are new) be replaced. In the past, I have used Radio Shack tubes in my HQ, and no problems have developed. However, their prices on some tubes are a bit high; it may be a good idea to shop around before buying. I can honestly say it is also a good idea to buy a spare set of tubes. I learned the hard way, when some tubes in my HQ blew. There were no SW tubes in stock at the local Radio Shack, and I was without my radio for over two weeks.

I hope this article helped to give SPEEDXers an insight on old radios. They still have a lot to offer.

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ICOM UPDATE

by Ronald Pokatiloff, IL

Robert Lonn is planning to make available an external controller for the IC-R70. He wants to keep it down to about \$100. I think I talked him into having keyboard entry and maybe some memories, instead of his original idea of about 21 channels. Bob knows about the LSB problem and will see what he can do. Mr. Lonn, a technician with a cable firm and a ham, told me the ICOM people are very happy with the R70. He believes that the ICOM equipment is superior to Kenwood or Yaesu. Interested parties should contact him at his home, 1162 Melrose Ave, Chula Vista, CA 92011. He will keep the names on file. It is important to note that ICOM is not planning an external controller. Also be advised that the noise blanker on the ICOM may distort a strong signal with fade. Keep it off unless you need it.

In addition, the AM passband tuning can be adjusted by the service center to improve the selectivity on the IC-R70. The PBT on the R70 narrows the filter in either direction. . . this produces, in effect, an IF shift. I had my set. . . coming from an early production run. . . realigned, and it now works well in AM as well as SSB. This PBT adjustment makes the ICOM even better on AM, to take good advantage of the radio's powerful, good audio.

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NEW DEVICE TO IMPROVE FM RECEPTION IN CARS

by Bob Treanor and Pete Kreer, OH

Consumer demand for better FM auto radio performance is responsible for greatly increased sales of two FM stereo Expanders from the Antenna Specialists Co., according

to Robert Treanor, the company's Director of Marketing. Installed in-line between the broadcast receiver and antenna, the ASC-100DX and its sister model, the ASC-100, provides a signal boost up to 13 dB on FM, virtually eliminating weak station fading or "picket fencing" so often experienced in suburban and rural areas.

"Auto manufacturers have yet to solve the problem of inadequate FM antenna performance, and not solution is expected soon," Treanor says. "The ASC-100DX and the ASC-100 solve the problem by compensating electronically."

The compact ASC-100DX is a deluxe unit designed for attractive under the dash mounting. Measuring just 3½" x 2¼" x 1¼", it's packaged in a tough plastic cabinet with a simulated woodgrain panel. It also features an indicator light and an on/off switch for additional control in very dense FM station locations such as downtown major metropolitan areas. The ASC-100 provides identical FM performance as the ASC-100DX, but doesn't feature an on/off switch. it installs completely hidden up under the dash. Suggested list price of the ASC-100DX is \$28.00. The ASC-100 has a suggested list price of \$25.00. Additional information may be obtained locally from Antenna Specialists Co. representatives or by writing to: The Antenna Specialists Co., 12435 Euclid Ave., Cleveland, OH 44106.

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THE NEW KENWOOD R-2000

by Fred Osterman, OH

According to Fred who is now working for Universal Amateur Radio, Inc., the new Kenwood R-2000 offers an exciting range of features never before available in a consumer receiver. While this radio offers most everything the average listener would want, it is lacking in one key feature: infinite tuning resolution. Serious DXers of the non-voice modes such as CW, RTTY and FAX require very precise (fine) tuning. In the trade, this continuously adjustable fine tuning feature is known as R.I.T. or receive incremental tuning. However, Fred states that Universal is offering the R-2000 with an R.I.T. control. Universal is suing the space formerly occupied by the tone control for the RIT control. A color matched decal is used to cover the tone control indication.

Universal is offering the R-2000 with a RIT at 579.95. The list price of the receiver is 599.95. Without a RIT, you pay only 549.95. In addition, Universal is offering the R-2000 with a variety of selectivity modifications. Universal is a fully authorized sales and service center for Kenwood. For further information write to Universal Amateur Radio, Inc., 1280 Aida Drive, Columbus, OH 43068.

# FROM THE PAPERS

## VOA TO CENSOR "PORNOGRAPHIC" MUSIC LYRICS:

According to the March 7, 1983 New York Times, Frank Scott, director of programming at VOA has issued a memorandum which bans all music lyrics "which may be offensive to our listeners." Many employees are against Mr. Scott's policy because the policy will prevent the VOA from broadcasting many popular rock tunes which are listened to by the vast majority of its worldwide audience. In a policy discussion with VOA's broadcasting staff, Mr. Scott outlined that he wants to rate all songs as either X, R, PG, or G depending on its sexual as well as its political content. With this system, not only rock music will be censored out of VOA broadcasts but also many classics and old time hits.

XERF TO EXPAND TO 500 KW: According to the February 6, 1983 Detroit Free Press, XERF an American operated commercial radio station in Mexico which has been silent on AM since 1971 has come back on the air. Beyond the reach of the FCC, and its rules limiting transmitter power on AM to 50 kw, the station operated by Mike Venditti is broadcasting on 1570 kHz with 250 kw of power. Mike hopes to expand to 500 kw before the end of the year. It will be 10 times stronger than any commercial radio station in the US and Canada. Though officially owned by a Mexican corporation, the brains of the operation is the Inter-American Radio Corp., with headquarters in Del Rio Texas, run by Arturo Gonzalez. Inter-American really owns all broadcast time on XERF and sells this time to advertisers and others on the American side of the border. This is the reason why the station has a wide American broadcast content. The station is a mixture of rock, country and Western, recorded evangelism, and ABC network news. They are luring an audience of between 25 and 55 years old with its easy listening music, soft rock oldies, and big band music. Hopefully, they plan to phase out the late night preachers in the near future and replace them with adult and contemporary Christian music. (William Beeman, MI)

MORE RELIGION ON VOA: According to the Moral Majority Report of March, 1983, the VOA will be expanding its religious broadcasts to countries that practice religious discrimination. The plan calls for an increase in religious programs to the Soviet Union from 45 minutes a week to 6 hours a week. (Don McCants, AR)

FOUR POLES GUILTY IN BROADCASTS: According to the February 17, 1983 Birmingham News and February 18, 1983 Santa Barbara News Press, a military court in Poland convicted nine Poles who operated Radio Solidarity. The main defendant and his wife got prison sentences of four years and three years

respectively. Three got suspended sentences but the court only released one pending an appeal. (Don McCants, AR and L.P. Benjamin, CA)

AIR PIRACY: Jolly Roger Radio is back on the air—defying the FCC, according to the March 6, 1983 Indianapolis Star. The operators of the station are defying the law for reasons of principle. They say public radio is accessible only to the rich. The FCC originally shut down the station in November, 1980 and since that time they have unsuccessfully tried to set up a legal station. Therefore, again, they are on the air in the FM band on 93.9 MHz in Bloomington, Indiana. The station plays all types of rock and folk tunes. Schedule is irregular. (Greg Watts, IN)

## TIDBITS

### HAM BAND COMPUTER BULLETIN BOARD:

On the 40 meter band there is now an over the air computer bulletin board. Its official name is MSO. To monitor it you must interface your receiver with your computer. The frequency to monitor is 7098 kHz. The baud rate is 60 baud. Callsign is K4CZ. Many hams have organized computer nets. A net is a group of hams meeting on the air regularly with a common purpose. Pick your computer net. Here are a few:

#### TRS-80 WEST COAST

0100 on 14060 kHz Callsign VE6AMW  
1900 on 14342 kHz Callsign WA6YKH

#### EAST COAST TRS-80

2200 on 14342 kHz Callsign NIACA

#### CENTRAL USA TRS-80

2100 on 7293 kHz Callsign W9LFD

#### ATARI OWNERS

Sunday 1500 on 14325 kHz Callsign W8DNNG

And finally Apple owners listen on Saturdays on 7260 kHz at 1400 for W1UKZ. All times are GMT. (Rick Blaisdell, VT)

THE TELEPON: The Radio Shack "Telepon" automatic telephone directory is great for listing time schedules of broadcast stations. It holds two batteries; you press buttons for each time period. Times are put over the original letters, by each of 15 buttons. It costs about \$25.00. Check the new catalog or go down to Radio Shack (Ronald Pokatiloff, IL)

#### COMMENT ON DON McCANTS EQUIPMENT ARTICLE:

Expanding on Don McCant's Feb. article: the Sears Radio Cassette Recorder #934,21680800 is excellent for the receiver earphone jack or with a Radio Shack resistor patch cord, from the speaker jack. Recorder speaker has a switch to monitor while recording. Also, plenty of power for aux. speaker or earphones. The AVC seems to smooth out flutter and enhance weak signals. Can



also leave mic plugged in to record date and time of reception. Keep mic as far away as possible from the speaker to prevent feedback. (Frank Forrest, CA)

MORE ON TIMEX SINCLAIR: This is a correction to Morris Pfeffer's article on the Timex Sinclair 1000 Computer in February's Tips and Topics. The statements in example 3 on page 49 are incorrect. The TS-1000 is correct. Exponents (powers) are done before signs unless parenthesis are present. This is standard algebra. Thus  $-2$  squared is  $(-2)^2 = (-2)**2 = 4$ . The parenthesis are a mathematical must. But  $-2$ , squared is not  $-2**2 = -2^2$  which means the negative of 2 squared which is  $-4$  as the TS-1000 correctly does as the manual states: It gives an error message if a negative is taken to a power ( such at  $(-2)**2$ , but calculates  $-2**2 = -4$  correctly, as this is not a negative to a power but rather the negative of 2 squared). (Dr. David L. Wilson, Department of Mathematics, Indiana University of Pa., Indiana, PA 15701)

UNIVERSAL AMATEUR RADIO: As stated earlier in the column, Fred Osterman is now employed by this company. Universal offeres a comprehensive catalog of SWL items including custom modifications of various receivers. Universal has been servicing the communications market for over 30 years. They are authorized distributors for Kenwood, Japan Radio, Yaesu, Drake, ICOM, Info-Tech and many other fine lines. Contact Fred at Universal Amateur Radio, Inc., 1280 Aida Drive, Columbus, OH 43068 or telephone 614-866-HAMS. Say SPEEDX sent you. (Fred Osterman, OH)

CENTURY PRINT SHOP: For a catalogue which contains a listing of many publications and magazines pertinent to our hobby as well as the WRTH, send a SASE to Don Erickson, Century Print Shop 6059 Essex Street, Riverside, CA 92504-1599. Tell Don SPEEDX sent you. (Direct)

QUEEN LIZZIE IS A SWL: Seen on the NBC Today Show on Thursday, February 24, 1983 . . . Clive James in an interview with Jane Pawley reported that one of the items Queen Elizabeth carries in her purse everywhere she goes is a tiny shortwave radio which she uses to listen to the latest sports scores from the BBC. (John H. Demmitt, PA)

ADVERTISEMENT: Planned commercial shortwave radio station looking for sales staff worldwide. Initial compensation on commission-only basis. Knowledge of shortwave radio necessary. Send resumes and requests for further details to Radio Earth International, Inc., 1724 Sherman Avenue, Evanston, IL 60201 USA. Phone (312) 492-9300.

MORE ON POPULAR COMMUNICATIONS: I just received the Feb. SPEEDX and would like to add my 2c. I enjoy Popular Communications and in December I subscribed to it. The feature articles as mentioned are informative and interesting. The only thing I see problems with is the timeliness of certain

features. I wrote to Pop Comm to ask for their deadlines for submitting DX tips and such. Their deadline is the 20th of the month, four months prior to publication. That means that the deadline for the June, 1983 issue, which will be available mid/late May is Feb. 20th! Much of the DX material may be outdated by then. The same information that I sent to SPEEDX will be available in early March, 2½ months before it comes out in Pop Comm. I realize it takes time to publish a magazine of this sort, but the type of delay in publishing SWL information reduces the value of it. Overall, it is a very good magazine with great potential. (Bill Muzyka, NY)

COMPUTER SAVINGS: Timex Computer Corp., which makes one of the best-selling home computers said Fri. March 11, 1983 it cut the suggested retail price of its Timex Sinclair TS-1000 computer to \$66.95 from \$99.95. An addition \$15.00 rebate remains in effect until April 30, bringing the final price of the TS-1000 to \$54.95. RTTY fans or those thinking of this fun field will love this. (Rick Blaisdell, VT via Associated Press)

DX FEVER (Or: The Lament of a Radio Widow)

My OMis a DXer.  
There's nothing he'd rather be.  
Although he isn't TXing,  
Because of the FCC.

He eats & sleeps at the R-1000.  
He wades through QRN.  
He strains through QSB.  
He screams at QRM.

He likes to keep up with the nx.  
Like Britains' BBC  
If he's after propagation,  
He tunes to WWV.

He's after the elusive QSL.  
He's impatient for the mail.  
Although it's just a hobby,  
I'm beginning to miss my male.

Some would say that he's obsessed,  
With such like mHz.  
I know that my OM's not sick,  
It's just his kHz!

(Written by John Gunter in the SCARS Club Bulletin of 2/83 via R. Hesch, NY)

FINIS: PLEASE keep those articles coming in. We need more articles with technical orientations However, any type of article will do. The support I am getting is so much improved and we all appreciate it. Also, if you want a response, do enclose a SASE or a postcard. I will answer all inquiries with the proper return postage. And do not be afraid to write some honest comments and suggestions. I am always open to new ideas. And my last reminder is the fact that Chris Hansen will be coming soon to T & T with a question and answer section. 73's, *Author*

Well gang, guess what? If you recall last month we said that the Contributors page was going to be computerised! Well, it was...except for one problem. Just as I was about to print out the danged pages on the computer, my Epson MX-80 died! The line-feed motor blew as did a couple of transistors that drive the motor. Therefore, not wanting to hold up the bulletin while waiting waiting for parts, we decided to forgo the page this month and fill with ads as well as a return of DX Montage which you'll find on the next page. But, don't you worry because all of the contributors information is still here, both on paper and stored on a computer disk, and will be run next month. We will combine both month's in the next Contributors page. You will also notice that your mailing label is not from the computer either due to the same reasons. Murphy's Law strikes again!

WANTS ADS ... FOR SALE ITEMS ... WANTEDS ... NO COLLECT CALLS PLEASE ... HAPPY SHOPPING!

FOR SALE: Mint Yaesu FRG7, Gilfer version including better than stock selectivity. Purchased in summer, 1982. Unit was unpacked but then quickly repacked because of a house move. It has not been reopened. \$240. Larry Albert, P.O. Box 83, Chestnut Hill, MA 02167.

FOR SALE: National Radio Club has released their U.S. & Canadian AM Domestic Log. This includes low power relay transmitters and is arranged alphabetically by state and city. The book is full size (8½ x 11) and there is plenty of room to make corrections so as to keep it up to date. You get 56 full pages for only \$4.00 US plus \$1.00 for postage and handling. National Radio Club Publication Center, P.O. Box 164, Dept. 83, Mannsville, NY 13661.

FOR SALE: Collins 51S1 (S-Line) General Coverage Receiver, winged emblem, mint condx, 0.2 to 30MHz continuous; 800 Hz CW, 2.75 kHz SSB, 5kHz AM. With manual, \$750. 1 crate and ship anywhere in continental USA. Daniel Turkisher, 1402 N. Prairie Lane, Raymore, MO 64083 or call (816) 331-6959 evenings (keep trying if no answer).

FOR SALE: Sony ICF6500, \$115 and JVC RCM70JW (5 SW bands, MW and FM stereo tape recorder), \$260. Yaesu FRG7700 w/12 channel memory, \$525. All 3 in mint condx w/manuals and original cartons and UPS insured. MFJ1020 Active Antenna for \$540. Fritz Apollon, M.D. 3412 Englemaede Road, Baltimore, MD 21208. Call (301) 653-0212 from 0100 to 0400 GMT

FOR SALE: Yaesu FRG7700 w/12 channel memory. Like new, \$445. Al Mirakentz, P.O. Box 457, Maribu, CA 90265, phone (213) 535-6938 weekdays 8-5. No Collects please!

FOR SALE: Hq180A (retubed) in near new condx w. matching speaker and KRS-1 digital read-out. A real DX catcher for \$575 cashiers check or money order. UPS & insurance included as well as both manuals. Sony ICF6700W w/manual in almost new condx for \$250 including UPS and insurance. Bearcat 16 channel programable scanner (not digital) w/manual, nearly new for \$200. UPS & insurance included. Terry A. Klasek, 9720 Vickie Place, St. Louis, MO 63136. Call (314) 868-7274. No Collects!

FOR SALE: Yaesu FRG7 modified w/Gilfer 3kHz filter, plug in digital kHz counter for \$225 in mint condx. Shipping included. Panasonic RF2900 in excellent condx for \$150, including shipping. Call Mike Fedorin, (212) 886-3448 evenings or weekends. 120-12 23rd Avenue, College Point, NY 11356

WANTED: Rider to ANARC Convention from Michigan or NW Ohio area to help drive and share gas expenses. I have very economical Ford Escort w/air. Write or call Don Hosmer, 24500 Union, Dearborn, MI 48124 or call (313) 278-5527 from 2200 to 0300 weekdays or any-time reasonable on weekends. I'd also like to hear from any local DXers.

FOR SALE: Radio Shack DX302, 5 months old, excellent condx, \$290 firm. I pay shipping in original box w/manual and all accessories. Edward Lipman, 340 Riverside Dr #13A, New York, NY 10025. (212) 866-2451. Don't send money, call or write first please.

FOR SALE: Gilfer modified FRG7700 w/244 channel memory featured in Monitoring Times for \$540. KS Preselector 2-30MHz for \$45. Jim Hartung, 601 Rowe Drive, Aberdeen, MD 21001

FOR SALE: Drake R4B w/FS4 synthesizer, sold together only, both in perfect condx w/manuals. True passband tuning w/4.8, 2.4, 1.2 & 0.4 kHz filters. FS4 gives full 1.0-30.0MHz coverage. \$450. Kirk Baxter, P.O. Box 2571, Shawnee Mission, KS 66201-2571 or call (913) 262-3247 from 0000-0500 GMT and evenings.

FOR SALE: Datong Model VLF Converter, like new, \$40 ppd. Assorted tubes and other gear also. Larry Wagner, 5471 Lancaster St., Harrisburg, PA 17111 or call (717) 564-1652 from 2300-0300 GMT. No Collects Calls please.

FOR SALE: Hammarlund HQ110 (ham bands only) for \$50 plus shipping. I would also like to hear from Tucson, AZ area DXers. George Paramithas, 7542 N. Placita de Teresa, Tucson, AZ 85741.

# DX MONTAGE

**SPEE  
DX** **INFO** **AND** **HUMOR** **FOR** **SPEEDXERS**

EDITOR:  
David Sharp  
17602 Meadowbridge  
Lutz, FL 33549  
Deadline:  
12th of month

What is this...? DX Montage was dropped in 1979...Well, my friends, I am happy to announce that the column has been revived. For old timers who may remember the old column, you will notice that the new masthead is similar (yet different) from the old. This is to symbolize the fact that the new DX Montage will contain features similar to the ones carried by Alan Brooks in the seventies. However, I also hope to include new features of interest to SPEEDXers. But, none of this can be accomplished without your support...so please contribute as liberally as possible. For newcomers to SPEEDX, I will include articles from old columns. That way, you'll know what the column is all about.

Now...the famed, but yet unpublished (hope Doubleday is reading this) biography of ye editor. I am seventeen years old, and attend Chamberlain High School in Tampa, Florida. But I live in a residential community six miles north of Tampa called Lutz...don't worry about the pronunciation. If Charles Kuralt can't pronounce Lutz, nobody can.

I have been a DXer since 1976, and enjoyed every minute of it. I have heard 212 countries (inc. MW) and verified 97. My equipment consists of a Hammarlund HQ-129X and a three element beam. I also have a DX-160 as stand-by. All right, you say...that's not enough for a biography. I totally agree. Anyone for a small pamphlet? Imagine, biographical pamphlets...it will revolutionize literature as we know it today. HI!!!! Now, without any further nonsense, I begin with the column proper.

=====

For you hard-core (not NEW WAVES!!!) African DXers, I am still hearing La Voix du Zaïre in Kinshasa on 15245 kHz. Reception is best at my QTH during late afternoons, but if condx are good, I hear them as late as 0800. Look for local music, and FF or vernacular languages...

Have you been hearing R. Tahiti lately? If not, it may be because a cyclone has recently swept through the area. I understand there was much damage, but no reported loss of life. By the way, to you Florida Crackers like me, "cyclone" is not New Englandmanaise...it's just a Pacific storm similar to our hurricane, hi.

I have discovered, and quite by accident, a company in FL specializing in tubes. For more info, write to Jaro Incorporated, 412 27th Street, Orlando, FL 32806. Jaro seems to be well stocked, as they had the tubes I needed for the HQ. I am sure return postage with your inquiry would be appreciated.

And now, from the only typewriter in Lutz, I present an oldie but goodie from DX Montage 1978...  
YOU'RE NOT LIKELY TO HEAR IT ON RADIO CAIRO. BUT...recently work had been progressing on the east bank of the Nile where Egyptian laborers hacked giant blocks of limestone from an ancient quarry...near the Pyramids of Giza...a 9,200 sq. foot site is being prepared under the guidance of Japanese archeologists...for construction of a pyramid! And why not? As Newsweek magazine notes, if the Japanese can sell cars in Detroit, why shouldn't they build a pyramid in Egypt? The finished product will be 65 feet high and has been built just as in the days of the Pharaohs. The exercise in authenticity will highlight a pair of JJ TV documentaries on the process...But, the Egyptian Government has specified that once the project is completed, the ersatz pyramid must be dismantled and the stones carried away...

That's it for this month. Tnx to Don J., Rick D., John T. and Mrs. Gondek (my teacher) for their support. Please contribute...CUN 30.

FINIS...You know you're a DXer when you receive pen pal letters from a sub-chief in Ghana.....

DS's  
David

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