

# FRIENDS

NORTH AMERICA ASSOCIATION OF  
OFFICE

# ANARC NEWSLETTER

Published Monthly by the ASSOCIATION OF NORTH AMERICAN RADIO CLUBS

20



Years

# ANARC NEWSLETTER

Official Publication Of:  
American Radio Clubs

1964 - 1984

Pasadena (213) 795-1111  
Radio Federation  
December, 1983

APRIL 1984

NO COLLECT CALLS ON THESE ADS, PLEASE.

**FOR SALE:** Collins R-388/51J4 general coverage receiver. Covers .5 to 30 MHz with AM, CW and SSB. This receiver was professionally aligned and retuned and comes with manual and Collins cabinet to make a nice unit. Price \$260.00 plus shipping. C. Klawitter, 4627 North Bartlett Avenue, Milwaukee, WI 53211.

**WANTED:** Radio West KS preselector or Autek QF-1A. Must be in perfect condition. Fred Lisanti, 8201 4th Avenue, Apt. 2E, Brooklyn, NY 11209. Phone (212) 680-8164.

**FOR SALE:** Hammarlund HQ-180 with built-in clock, matching speaker, Torrestronics Digital Display unit, manuals, graphs and some extra tubes. Receiver has been recently realigned and peaked. Great condition physically and electronically. Price \$340.00 including shipping and insurance. Tom Gavaras, 10401 Cedar Lake Road #215, Minnetonka, MI. 55343. Phone (612) 544-2433 evenings and weekends.

**FOR SALE:** I have three extra copies of the World Radio TV Handbook available for \$13.00. I will pay shipping. Tom Landen, 1628 Gordon Drive, South Bend, IN 46635. Phone (219) 234-1670.

**FOR SALE:** Yaesu R-7 with 5 filters including 3kHz Sherwood, 8 AUX-7 modules for easier SWL tuning, and noise blanker. Used just four months. Comes with original carton, owner's manual and repair manual. **ALSO:** KS preselector, Palomar VLF converter, Datong 270 antenna. Best offer on all items. Dave Maxfield, 2217 Manchester Road, Ann Arbor, MI 48104. Phone (313) 971-6573 between 0000 and 0100 GMT.

**FOR SALE:** Collins R-390 receiver in excellent working condition. Clean inside, a few minor scratches on panel. Works very well - a classic piece of equipment. Will sell for \$295.00. Price includes LS-166/U speaker and H-113/U headphones, and reproductions of operator and service manuals. Will ship UPS, but have to negotiate on chipping cost. **ALSO:** Realistic DX-302 receiver, 1½ years old. In excellent condition both physically and electronically. Comes with box, manuals and accessories. Will sell for \$210.00 postpaid. **ALSO:** MFJ-1045 pre-selector, still under warranty until July. Will sell for \$45.00 post-paid. Edward Lipman, 340 Riverside Drive #13A, New York, NY 10025. Phone (212) 866-3799 evenings.

**FOR SALE:** FRG-7700 Yaesu receiver with memory, FRT-7700 antenna tuner, Gilfer modification of 2.4, 4.0, 6.0 filters, DC input memory unit and wired for 12 volts. Factory carton and manual included. In mint condition. Price \$300.00. Joe Palkovic, 621 Truesden Avenue, Altamonte Springs, FL 32701. Phone (305) 331-5982. Price includes shipping.

**FOR SALE:** AEA MBA-RO CW/RTTY/ASCII reader with power supply and stand. In mint condition. Price \$160.00 or trade for Bearcat 100. Jeff Elvis, 5856 Chapman, Garden Grove, CA 92645. Phone (714) 898-6118.

**FOR SALE:** The ANARC Computer Information Committee has a large number of IRC's for sale. They sell for 65¢ at the post office; the committee will sell them in quantities of ten (10) or more for 50¢ each. Checks or money orders should be made out to Bill Krause and sent to him in care of the committee at 6700 153rd Lane NW, Anoka, MI 55303.

**WANTED:** Used Kenwood R-1000 or R-600. Please contact Joe Freeborn, P.O. Box 302, Lamoure, ND 58458. Phone (701) 883-5849.

**FOR SALE:** Galaxy R530, SC-530 speaker with manuals. Price \$195.00 shipped UPS. **ALSO:** FRENDX, complete 1983, \$5.00. WRTH, 78 - 83, \$6.00 each, shipping included. Cashier Check or money order, please. Al Drehmann, 11714 SW 129 Court. Miami, FL 33186. Phone (305) 385-3879.

**WANTED:** Copy of owner's manual for R-390A/URR. Please call (503) 653-0319 after 0200 UTC or write to Bruce R. Lindner, 10603 East Home Avenue, Milwaukie, OR 97222.

NO COLLECT CALLS ON THESE ADS, PLEASE

**FOR SALE:** Yaesu FRG-7700 with Gilfer filters, PRT-7700 antenna tuner, FRV-7700 VHF Converter, MFJ-102 24-hour clock, Sony ICF-2002, and Realistic DX-100. All in excellent shape. Price is \$625.00. Must be picked up. Paul G. Benjamin, 117 Conrad Drive, Rochester, NY 14616. Phone (716) 865-5365 weekdays 0000-0100 GMT.

**FOR SALE:** Tropical Band Guide 1984. Lists 2000-5900 kHz stations heard in NA during 80's. Exact frequency, skeds with variation of fade in/fade out times, NA Rarity Guide, Check boxes for country/city/station and heard/QSLed/taped, Miscellaneous notes, intro with abbreviations, etc. Price \$3.00 in North America, \$4.00 elsewhere by Air Mail. George Sherman, Box 2284, Minneapolis, MN 55402.

**FOR SALE:** HQ-140X, scratches on top, works good; HQ-180C, reconditioned, works great; RF-2600, digital portable with MW/FM & SCA, SW from 3.9 to 28 MHz, good condition. Make reasonable offers. George Sherman, Box 2284, Minneapolis, MN 55402.

**FOR SALE:** Drake SPR-4 with 20 crystals covering all SBC bands, CCB and ham bands. In very good condition. Price \$275.00. Bruce Winkelman, 3014 West 68th Place, Tulsa, OK 74132. Phone (918) 446-6094 evenings.

**FOR SALE:** Mint ICOM IC-R70 receiver in its original carton. Recently purchased. Save \$200.00! Price is \$499.00 instead of \$699.00. A super bargain. Larry Albert, P.O. Box 83, Chestnut Hill, MA 02167. Phone (617) 254-6398.

**FOR SALE:** Bearcat BC-300 scanner, 50 channels, like new, \$275.00. Motorola 1121-TRC-87, 225-400 MHz, excellent, only 100 made, \$275.00. Regency MR-10, 150-175 MHz, excellent, \$30.00. Grove Scan-Verter for Aircraft scanner, 225-400 MHz, like new, \$50.00. Hallicrafters "Civic Patrol", 30-50 MHz, minor repair, \$30.00. Fannon T-355 Walki-Talkie (2), new in boxes, both for \$100.00. Surplus R-278/B (2), whole or parts, \$100.00 each. You pay shipping on last item only. Robert Leary, 67 Eber Avenue, Akron, OH 44305. Phone (216) 376-2405.

**MIAMI VALLEY DX CLUB**  
4666 Larkhall Lane  
Columbus, OH 43229

**P R E S S R E L A S E**

The MIAMI VALLEY DX CLUB is proud to be hosting its second annual SWL-DX-LISTENER Forum at the Dayton Maevention.

Guest speakers at the 1984 Forum include:

♦♦♦Fred Osterman of Universal Shortwave Radio, who will discuss the USIX Computer Bulletin Board System he operates.

♦♦♦Bob Grove, publisher of The Monitoring Times. Mr. Grove's topics will include hot frequencies for monitoring, new equipment and accessories, trends in technology and answers to the most common questions about listening throughout the spectrum.

♦♦♦Other speakers to be announced.

The Dayton Maevention has become the largest hamfest in the western hemisphere, covering several floors of equipment display space indoors at the Hara Arena, and covering several acres of outside flea market as well.

This year's Maevention will be held from Friday through Sunday, April 27 through April 29.

The Listening Forum will begin Sunday morning at 9:30 EST and last for two hours. It will be held in Room 02.

Additional information can be obtained for a SASE from the MIAMI VALLEY DX CLUB, 4666 Larkhall Lane, Columbus, OH 43229.

This is an all band event that should be of interest to SWLs, DXers and other communications enthusiasts.

Below is a request for information for a proposed publication which I believe is greatly needed in the hobby not only for the purpose of forming friendships, but perhaps even to help in the formation of local-area DX/SWL clubs. NASWA at one time published a Membership Directory, but the cost and labor involved, especially in keeping it up-to-date, became too great to make further editions practicable. I hope all NASWA members forward the requested information. Please note that there is no obligation to purchase any resulting publication.

## DXER's DIRECTORY

Unfortunately most radio listeners are undertaking their hobby in a vacuum; out of contact with other listeners in their locale. Few would argue that the DXing hobby is more enjoyable and productive when you know other listeners in your area with whom you can talk about mutual interests. The hobby takes on a new dimension when you can share DX information and techniques with other local listeners. Whether communicating over the phone or just getting together once a month; the hobby is more fun when it can be shared. The problem has always been; How do you find other listeners with similar interests in your area?

Universal is pleased to present a solution! We are presently compiling a directory of listeners. This computer-based list will offer accurate and current information on active listeners. Important information on all registered listeners will be displayed. We will include name, address, phone number, type of listening, and club affiliations. This book will be an invaluable guide in familiarizing you with other listeners in your area.

We need your help to make it happen! WE WANT TO INCLUDE YOU in the next edition. Please fill out the form below and return immediately. Your listing will be without charge. You will be notified when the directory is available, but you are under NO OBLIGATION to buy one. It costs nothing to be listed. We would like your information whether you wish to buy the directory or not. So help us bring DXers together! Tear-off the form below and return it to Universal today. Thank you!

### UNIVERSAL SHORTWAVE RADIO

1280 Aida Drive  
Reynoldsburg, Ohio 43068  
Phone: 614-866-4267



Full Name \_\_\_\_\_  
 Street Address \_\_\_\_\_  
 \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_  
 Zip Code \_\_\_\_\_ Telephone? (\_\_\_\_) \_\_\_\_\_  
 Monitor/Ham Call? \_\_\_\_\_

#### DXER's DIRECTORY

Universal is pleased to offer the first directory of radio listeners. Please complete this form and return it today so you can be included in the next DXER's DIRECTORY. You will be notified when it is available, but you are under no obligation. (optional)

Type of Listening: (check all that apply)  
 Long Wave       Medium Wave  
 Shortwave Broadcast       Shortwave Utility  
 FM/TV DX       VHF/UHF Scanner  
 Amateur Radio       Facsimile (FAX)  
 Radioteletype (RTTY)       \_\_\_\_\_

Club Affiliations:  
 NASWA       SPEEDX  
 ASWLC       ADXR  
 CIDX       ACE  
 LWCA       MVDXC  
 NRC       IRCA  
 RCMA       WTPDA  
 \_\_\_\_\_       \_\_\_\_\_

YES, please include the above information in the DXER's DIRECTORY! I understand that I am under no obligation of any kind.



Return to:  
 Universal Shortwave Radio  
 1280 Aida Drive  
 Reynoldsburg, OH 43068 USA

Signature: .....

FRENDX is the monthly publication of the North American Shortwave Association. All items contained herein with the exception of BBC WMS information may be copied by other bulletins providing proper credit is given to NASWA/FRENDX, the column editor, and original contributor. Target mailing date for FRENDX is the Friday before the first Saturday of the month. Contributions to the Log Report may be sent to the Distributing Editor whose address appears on the back cover.

### THE COVER

This month's cover by John Herkimer features past and present headings and logos used by ANARC to commemorate that organization's Twentieth Anniversary, Congratulations to Terry Colgan, ANARC's Executive Secretary, publisher Jose G. Barr, and all the others who make ANARC the fine association that it is.

### NEW EDITOR NAMED

The new editor of Log Report "D" is Wallace C. Treibel, 357 N.E. 149 Street, Seattle, WA 98155. Wally's first column appears in this FRENDX. Welcome to the staff, Wally.

### ...AND HELP GREATLY APPRECIATED

This month's Listeners Notebook was edited by Terry Ward, 2202 Oxford Lane, Cedar Falls, IA 50614. Terry took on the task on rather short notice and we want to thank him for the fine job he did. Just to keep the record straight, the notice in Terry's heading concerning information from the BBC World Monitoring Service should state that such items may not be copied without permission from the BBC. Headquarters should have been more clear on this.

### MICHIGAN AREA SWL/DXERS MEETING

Donald M. Hosmer announces an informal open house for Michigan area SWLs and DXers to get together for socializing and possibly forming a local club that meets two or three times a year. The date set is Sunday, May 6, 1984 from 1 PM to 6 PM local time and the location is Don's house at 24500 Union, Dearborn, MI 48124. All SWLs and DXers, novice or experienced, are invited. A slide show of the 1983 ANARC Convention is planned and refreshments (snacks and drinks) will be available at no cost. Participants may bring QSLs or equipment to show others. For more information write to Don at the above address or call (313) 278-5527 from 6 to 10 PM local time.

### COLORADO AREA SWL/DXERS MEETING

There will be a meeting of Colorado area SWLs and DXers at the apartment of Rob Harrington, 5100 East Ashbury Avenue, Apt. 303, Denver, CO 80222 from 1700 to 2200 GMT on April 22, 1984. Rob says that everyone is welcome and asks that participants bring any equipment or QSLs they might want to display.

### VANE JONES LOG - 15th EDITION

Howard W. Sams & Co. has announced the publication of the 15th edition of "North American Radio TV Station Guide," compiled and edited by Vane A. Jones and popularly known as the 'Vane Jones Log'. Sams #22296 will retail at \$9.95. Century Print Shop will supply copies at \$8.00 postpaid to those ordering before May 15, 1984. Thereafter, \$10.00 postpaid. CPS also has a supply of the 1979, 1981, 1982, 1983, and current 1984 editions of "World Radio TV Handbook" by Billboard Publications at \$15.00 each, 3 for \$35.00 mix or match. Orders with personal check or money order payable to: Century Print Shop, Donald E. Erickson, 6059 Essex Street, Riverside, CA 92504. California residents please include 6% sales tax. Inquires to (714) 687-5910.

### SCANNER FREQUENCY DIRECTORY READY

The manufacturer of Bearcat scanners announces that its "Betty Bearcat Frequency Directory" is now available in a new fifth edition. This directory is available in both Eastern and Western U.S.A. editions with a suggested retail price of \$14.95 each. For more information please contact Gary L. McGriff, Electra Company, at (317) 894-1440 or Mike Nicolich, Grey-North Inc., at (312) 527-5030.

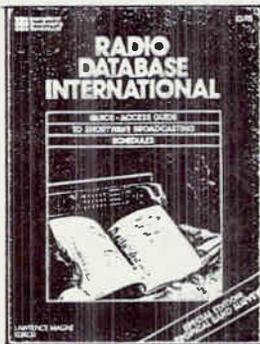
# Shortwave Center

April 1984

Editor: John C. Herkimer, 3233 East Avenue, Caledonia, NY 14423

Welcome back. Shack renovations continue here (sigh) but we should be settled in by next issue. I'll fill you in later on what's been done.

I hope you were as pleased as I was to see the welcome return of Dan Ferguson to these pages last month. The Ferg is always there when we DXers need him. Are you getting his English language skeds? You should.



Regular listeners to "SWL Digest" already know that Larry Magne's publication, "Radio Database International" is a top-notch endeavor.

Larry kindly sent me a sample copy of the special Tropical Band Survey edition of the Database publication and one glance confirms that it's excellent! Serious tropical band DXers have needed a workbook like this for some time now.

I'll let Larry fill you in on the details.

The reaction by shortwave listeners and professional organizations to the planned appearance of the Radio Database International books has exceeded our highest expectations. As a result of this warm reception, the following publications are being made available:

- Twice each year **Radio Database International**, fully revised for each edition, is to include the following sections --

'Shortwave Broadcasting Stations of the World -- by Frequency', with RDI's exclusive graphics coverage of the spectrum from 5.73-30 MHz...

'Shortwave Broadcasting Stations of the World -- by Country & Broadcaster', presenting quick-access shortwave broadcasting schedules in several major languages...

'Guide to Reception Conditions', expanded to cover all world regions and with improved high-resolution graphics presentation...

'Summary of International Broadcasting Activity -- by Country', giving broadcasting/hour statistics for each broadcasting country...

'Magne-Sherwood Shortwave Receiver Tests', appearing exclusively in each Summer/Autumn edition, provide laboratory and field reports on high-technology receiving equipment. These advanced equipment reviews are innovative -- as are all Database features -- not a rebash of material available elsewhere.

- Once each year the **Radio Database International 'Tropical Bands Survey'** is published to act as an annual guide to this most exotic portion of the shortwave spectrum.

We had anticipated that the Winter/Spring 1983-4 Database book and 1984 'Tropical Bands Survey' would be distributed worldwide by an established outside firm, but negotiations with that distributor have not worked out. With time too short to complete alternative dealer and individual distribution arrangements of the Winter/Spring edition before the appearance of the forthcoming Summer/Autumn edition, production of the typeset

Winter/Spring edition was terminated before printing commenced. On the other hand, the Database 'Tropical Bands Survey' is being issued as originally planned to allow it to serve as a reference to the 2.0-5.73 MHz portion of the shortwave spectrum throughout 1984.

Our own distribution, directed by Mary Krossner, is now in place to handle individual orders for the Database 'Tropical Bands Survey', as well as the comprehensive Summer/Autumn edition. Dealer distribution is to be operative by this summer.

The outpouring of good faith supporting the planned appearance of Radio Database International publications merits a tangible response. Those who provide us with evidence of having ordered the Winter/Spring Database from the distributor with which we had hoped to cooperate will receive a complimentary copy of the 1984 Database 'Tropical Bands Survey' simply by forwarding the documentation of that order to: Radio Database International, Box 300, Penn's Park PA 18943 USA.

As an introductory offer for those who did not order the Winter/Spring edition, the 1984 'Tropical Bands Survey' is available worldwide between now and June 23, 1984, for \$3.95 (US funds only, please), including surface postage (add \$2 for airmail outside North America). After June 23, a charge will be added for shipment. Ordering information for the Summer/Autumn edition is on p.40 of the Survey.



Penns Park, Pennsylvania 18943 USA • Cable IBSLTD Philadelphia • Phone 215/598-3298

## NASWA LOG REPORT... A Computer Program

— by Bill Cole —

187 Charles St., North Cape May, NJ 08204

A COMPUTER PROGRAM FOR THE COMMODORE-64

It has been sometime since I contributed anything to SWC a fact pointed out by 'Ye Olds Editor' in a recent card. Since I'm a better programmer than DXer, I immediately sat down at the keyboard and dashed off the following little gem. NASWA Log Report is a Program to Print your loggings in the NASWA Format. Answer the computer's questions and it will format and Print your data. Just cut them apart and zip them off to your editor.

Type in and RUN the Program. The Title and Input Screen appears. You are asked to input eight separate items of data, one at a time. Don't worry if you make a mistake, since after the eighth input, the Program asks if the data is correct. If it is not correct, Press N and reenter the data. If the data is correct, Press Y and your logging is formatted and printed. Sample loggings are printed at the end of the Program.

Although the Program is formatted for the COMMODORE-64, it will run with a minimum of reformatting on the VIC-20. For those with other computers, the heart shaped symbol found in lines 10 & 70 are commands to clear the screen and return the cursor to the home position. The arrow symbol in line 10 is a command to Print blue.

This Program may be reproduced and distributed for Personal use as it is in the Public domain.

```
10 PRINT"███":POKE53280,1:POKE53281,1:PRINTTAB(12)"NASWA LOG REPORT":PRINT:PRINT
15 INPUT"FREQUENCY":A:PRINT
20 INPUT"COUNTRY NAME":B$:PRINT
25 INPUT"STATION NAME":C$:PRINT
30 INPUT"TIME, FROM-TO (GMT)":D$:PRINT
```





Listening in — Marlin Field is a short-wave DX'er. His unusual hobby puts him in touch with people all around the world. Some of the pennants from his friends of the airwaves are displayed near his shortwave receiver. (Photo by Ann Grimes)

## Field travels via airwaves Meet Your Neighbor

By Sarah Ziegler

Through the airwaves, Marlin Field has been all around the world, never leaving Michigan.

Field, the Davis Middle School librarian, has a unique hobby that allows him to hear what's happening all over the world any time of the day or night. He is a short-wave DX'er. A DX'er is similar to a ham radio operator, except where a ham radio operator can talk to people he is listening to, a DX'er just listens. However, as Field pointed out, DX'ers have their own special method of communication.

DX'ers, besides listening to stations on the short wave frequency, write letters to those stations in the hope of receiving a reply. "There are five steps you need to convey the station that you heard them," Field said. You identify the frequency, time and date that you heard it. Then you tell what station identification you heard or call letters. The language that was being used is another important factor, as are details of the programming, such as music, news, conversation, etc.

If you convince the station that you heard it, Field said, the people there will mail you pennants, post cards and other mementos of the country. Field has dozens of scrap books filled with pennants and post cards from places as far away and exotic as Ecuador, Costa Rica, and several European countries. "I specialize in religious pennants," Field said, proudly displaying colorful items from various religious stations worldwide.

Field started his DXing career in 1965 "by accident." He began listening to regular AM frequency radio in his car and experimenting to see how far he could drive and still reach certain stations. He read about the letter-writing aspect of DXing in an electronics magazine, and that is how he came to write his first letters to AM stations. "One of the first stations I wrote to sent me a pennant," Field said, "so I started collecting those."

It wasn't long before Field had acquired a short-wave radio and was experimenting with trying to hear stations all over the world. Today, he has a couple of antennas, one in the house and one on the roof, as well as other special equipment which allows him to reach further and further out.

Incidentally, "DX" stands for distant reception. Distant reception is available only on short wave radios because they reach a higher frequency than the AM band. The shorter the wave, the greater the frequency and the longer they will travel.

Field has heard replies from 917 countries, which puts him 11th on a list of 2,000 DXers nationwide, as far as those who have heard the most stations. There are four countries he has written to but has not heard from yet: Zanzibar, Borneo and Sri-Lanka. And there are four countries he has not heard at all yet: the Maldives Islands, Cambodia, Bhutan and Kiribati. A country is defined by the National Short Wave Radio Association, not by the United Nations, by the way.

According to Field, most short wave stations are owned by governments. The Voice of America, for instance, is owned by the United States. Radio Moscow and the BBC are also government owned. Field related what happened on the radio during the recent government overthrow in Nigeria. "They were playing march music but it was strange. They were playing the 'Battle Hymn of the Republic,' 'Marching through Georgia' and the 'Stars & Stripes Forever.' Every once in a while the new leader would come on and say don't worry."

Field said there are some private and/or religious stations on short wave frequency. Programming on all stations includes news, commentaries, music, and culture of the country. Most of the stations broadcast in Spanish, Field said. He speaks Spanish and writes in Portuguese, Spanish and French.

Field said he particularly enjoys missionary, religious and cultural programs. The religious stations, he said, mostly want people to listen, so they play classical music and music of the country, "and they throw a little gospel in every once in a while, here and there," Field said. Field also listens to contemporary Christian music stations.

The United States does not have many short wave commercial stations, Field said, because the FCC will not grant licenses. There are in New Orleans, Florida/California and Pennsylvania.

Field knows of one other DX'er in Hillsdale, and he corresponds with one in Brazil. He keeps up on the latest in short wave news through the DX'er's hobby magazine, *FriendDX*, for which he has written several articles.

DXing, while obviously an important facet of Field's life is but one of his many interests. Field is very active in the College Baptist Church. He enjoys flower gardening, reading and has been working for the past 19 years on his family tree. His interest in politics shows up in a large collection of political buttons, one of which he is most proud is a Roosevelt button from 1936.

Field grew up in Missouri, where he went to a one-room country school. "I rode a horse to high school," he said, and "ended up with my first teaching job in that same school." Radio was important during Field's childhood, as well. As he puts it, "it was a means of traveling."

Field and his family moved from Missouri to Boston Harbor in 1961. His wife, Lois, was a teacher. The Fields have three children. One son, Gary, will graduate from University of Illinois with law degree soon and will begin practice with Lansing firm. A second son, Kenneth, is a student at Western Michigan University, and sings with a gospel rock group. The Fields' daughter, Marie Jean, is a housewife in St. Joe. The Fields have four grandchildren.

After moving to Hillsdale from Boston Harbor 18 years ago, Field worked for three years as the librarian at Waldron Area Schools. The other seven he has been at Davis. With his active schedule, he certainly dispels the "stick in the mud" librarian stereotype.

Field's extensive education and career includes a bachelor's degree from Northeastern Missouri State University in political science. Field taught political science at Lake Michigan College where he also chaired the social science division. He received his masters degree in political science from the University of Missouri. He has also done graduate study at the University of Hawaii, the University of Colorado, the University of Missouri, the University of Montana, Western Montana State & Andrews University.

By now you should know **MARLIN FIELD**. He's a regular contributor to SWC and a veteran DX'er to boot.

After we featured his article, "**Christian Radio Voices**" here, Marlin saw it as an opportunity to publicize the hobby. He took a copy of it to the **Hillsdale Daily News**, his local paper. The article at left is the result.

There are some inaccuracies which will be obvious to most: the spellings of Timor, Saipan and Kashmir for instance and, yes, Marlin has 917 stations, not countries, verified.

And, as most of you also know, Marlin has more than a passing interest in Christian radio stations. He sends along this financial report on FECB's Saipan operation:

### Saipan Project update

As the Saipan project progresses toward completion, a number of financial needs remain outstanding. Below is a list of those needs. (The initial estimate for Stage I was \$2 million. More than 3/4 of that amount has been raised and used in the construction of the transmitter building and missionary homes, the purchase and installation of the antenna system, etc.)

Stage I	Of the original cost, amount still needed:
Transmitter #1 restoration	\$ 20,000
Transmitter #2	239,000
Transmitter building	50,000
Installation of 2 transmitters	20,000
Power substation	10,000
Transmission lines	15,000
Power cables	10,000
Audio Equipment	30,000
Contingency	100,000
	<b>\$494,000</b>
Stage 2	
Transmitter #3 and installation	\$ 400,000
Transmitter #4 and installation	400,000
Transmitter #5 and installation	400,000
Auxiliary Water Supply System	10,000
Missionary Duplex Housing	100,000
	<b>\$1,310,000</b>
<b>GRAND TOTAL NEEDED</b>	<b>\$1,804,000</b>

## DX STAMP SERVICE

As IRCs become more expensive (and less useful), mint stamps seem like the logical approach to return postage. A good source is the **DX STAMP SERVICE** (7661 Roder Parkway, Ontario, NY 14519). Owner George Robertson purchased the business almost 12 years ago from Sax Ringler, W2SAW. A price list is available for a SASE. (JM)



For "World Wide Postage"

(Ed's note: I know I've harped on this before, but PopComm is a superb publication. Dave Maxfield has graciously compiled an index of PopComm articles for DXers.)

# POPULAR COMMUNICATIONS

## WL/DX ARTICLES IN POPULAR COMMUNICATIONS

September 1982 -- March 1984

by Dave Maxfield

	Year	Month	Page
Build an Itty-Bitty Vertical DX Antenna (Folton)	83	Jul	38
Build the Attiotenna (Earll)	83	May	44
Build the DXer's Dipole (Earll)	83	Apr	48
Century Weekend (Dexter)	83	Jul	54
Landestine Communic (Dexter)	83	Nov	32
Continuing "Numbers" Stations Mystery (Neils)	82	Dec	26
iversity Monitoring (Slattery)	82	Dec	54
Program Directory (Dexter)	83	Aug	17
DXer's New Year's (Dexter)	82	Dec	22
King the Bamboo Curtain (Dexter)	83	Jun	8
King Brazil: Bossa Nova Beat (Dexter)	84	Jan	16
King Central America, Central American Survey (Dexter)	84	Feb	38
King the Desert's Edge: Oil-Rich Mini-Nations (Dexter)	84	Jan	16
King the Dominion of Canada (Dexter)	83	Jan	42
King the Middle East Powder Keg (Dexter)	83	Mar	12
King, Papua New Guinea (Dexter)	83	Apr	26
King the Soviets (Dexter)	82	Nov	22
Equipment Grounding for Performance (Cheek)	82	Nov	60
Equipment Review: ICOM R-70 Receiver (Manuoy)	83	Dec	34
Equipment Review: JRC's HCM-515 Frequency Controller, Ser 82D-514, See Czech Radio, 1968, (Dexter)	82	Sep	34
See Czech Radio, 1968, (Dexter)	84	Mar	16
Liath of the Andes, HCJB, (Dexter)	83	Jul	12
Great Shortwave Mysteries, numbers, (Dexter)	83	May	13
How to Eavesdrop on Real Spys (Jensen)	83	Sep	10
Inside Soviet Jamming Stations (Caul)	83	Dec	38
International Broadcasting: An Editorial (Kneitel)	84	Jan	6
Jamming: The Electronic Iron Curtain (Kneitel)	83	Jan	8
"Liberty" and the Falkland's Radio War (Jensen)	83	Nov	42
One Noise Interference Elimination (Oldenburg)	83	Jan	45
Steaming Post: International SW Broadcasting Bands (Dexter)		Monthly	
Whishift Emergency Receiving Antennas (Earll)	82	Nov	28
WJ-1040 RF Preselector II (Martin)	82	Sep	32
Mysterious, Basque, Radio Euzkadi (Jensen)	83	May	24
Rate's Den: Focus on Free Radio Broadcasting (Lowe)		Monthly	
Revolutionary Radio in Latin America (Dexter)	82	Sep	22
Secrets of Propaganda Broadcasting (Kneitel)	82	Dec	8
Selected English Language Broadcasts (Dexter)		Quarterly	
Top Ten Toughest DX Targets (Dexter)	82	Oct	24
Recover Radio (Caul) Part I	82	Sep	14
Part II	82	Oct	20
For Populi, Editorial on VOA, (Kneitel)	83	Aug	4

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Editor: James G. Herkimer, 3255 South Drive, Caledonia, NY 14423

## The ICOM IC-R71A



Frank Decker, Syracuse, NY- I have used this newly acquired receiver for only a few days but it has quickly replaced my FRG-7700 as my favorite radio for SWling. Its' 32 programmable memories are completely tunable throughout the range of the receiver without disturbing the memorized frequency. In addition, it has two VFOs, which remember the last frequency to which they were tuned. The receiver has three indicated tuning rates, .1 kHz, 1 kHz, and 1 MHz, as well as direct entry of any frequency via its' keypad into either VFO, from which it can be stored in any selected memory, if desired. Provision is made for automatically scanning the memories or for scanning between any two frequencies stored in memories #1 and #2. At first the scanning function refused to continue once a station had been found with sufficient strength to open the squelch. I have since discovered in Fig. 7-4 of the instruction manual that there is an internal switch in the receiver, which is not otherwise described, which controls whether the scanning function resumes or not after locking onto a signal. Moving the switch to the "tuner on" position solved the problem and the scanning function now works as described in the instruction manual.

The stability appears to be very good. The actual tuning rate of the receiver in the .1 kHz indicated mode is .01kHz which makes for easy SSB tuning. Sensitivity of the receiver appears to be very high, and more importantly for my receiving conditions, the freedom from overload and intermodulation products is excellent, particularly when using my various random wire antennas, which pick up very strong signals from local ECB stations. The pre-amplifier does not appear to work below 1600 kHz but the sensitivity of the receiver is adequate to pick up numerous VLF stations and beacons, and for any ECB stations that I am likely to want to hear. The attenuator works on all frequencies to reduce overloading, if necessary.

The two stock filters are both usable on AM and can be narrowed by use of Icom's version of "passband tuning," to avoid interference on either side of the desired signal. The notch filter does not appear to have any effect on heterodynes in the AM mode, but they are easily eliminated with the P.B.T. The notch is quite effective in the SSB mode.

Each of the receiving modes, AM, CW, LSB, USB, RTTY, and FM (optional) are manually switch selectable, and the received frequency and display automatically adjust for the selected mode. (Ed. note: except, as in the R-70, when going from AM or LSB to USB.)

A very flexible noise blanker is provided with both threshold and width controls for attenuating the effects of the "woodpecker" which I have not encountered since acquiring the radio. However, the noise blanker appears to be very effective on the pulse type noise I have needed to eliminate.

The record output level is a bit on the low side but fully usable with any recorder. Other outputs are provided for an external speaker and I.F. for an oscilloscope or panadapter. Most of the accessories, except the FL 44A S.S.B. filter, but including narrow C.W. filters, infrared remote control, F.M. unit, and voice synthesizer, are of the plug-in variety.

From my brief acquaintance with this receiver, the bottom line is, that in terms of the most important characteristics, this receiver exhibits the best overall combination of sensitivity, selectivity, freedom from spurious responses, and flexibility of any radio I have owned; and its' tunable memories, variable tuning rate, and direct keypad entry make it a pure delight to use.

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Most of us are probably wondering what, if any, significant changes have been made in the R-71A outside of the addition of the keypad entry system and 32 channel memory. Sam Dellit, chairman of DX Australia's Technical Team, has very kindly provided us with a comprehensive review of the R-71A which mentions the following:

The following information is based upon manufacturer's supplied figures or inferred from earlier R-70 specs. In a few cases it has been possible to check figures with elementary equipment, but a detailed laboratory test report is hoped to be available soon. Noise floor in SSB with 2.3 kHz BW (bandwidth) is -134 dBmW with preamp on and -134 dBm without. Sensitivity in SSB 2.3 kHz is less than .15 uV for 10 dB S+N/N (.1-1.6 MHz, less than 1 uV). AM mode sensitivity is less than .5 uV for 10 dB S+N/N (.1-1.6 MHz, less than 3 uV) -BW 2.8 kHz. Several switchable bandwidths give a good range of selectivity. The wide AM filter is 6 kHz @ -6 dB and 15 kHz @ -50 dB. The need to specify the 50 dB down point on this filter infers poor ultimate rejection and this is plainly apparent in actual listening. BW for AM normal and SSB wide is quoted as 2.8 kHz but the review unit appeared to have a BW of 3.3 kHz in SSB. The normal SSB filter is 2.3 kHz @ -6 dB and 4.2 @ -60 dB which is excellent. The optional narrow filter for AM/SSB/CW is 500 kHz @ -6 dB and 1.5 kHz @ -60 dB. Stability is less than 200 Hz after switch on 1 minute to 60 minutes and less than 30 Hz after 1 hour. This is excellent and more than adequate for all but the most demanding applications. The quoted dynamic range is 105 dB without the preamp and would be about 100 dB with the preamp. If achieved this would match the famed Drake R7, but considering the circuitry, this would need to be carefully verified. Regardless of the numbers, ability to withstand overload, cross-modulation, and intermodulation is superb. Spurious responses (birdies) are quoted as being more than 60 dB down and nothing of significance was noted on SW other than very low level readout hash. Even this could probably be cured by using a few feet of coax cable at the antenna input.

The key element of the front end and hence the entire receiver is, of course, the first mixer. In this regard the R-71A is a significant advance over the already good R-70. The R-70 first mixer employed a DM412EL IC bipolar DBM with a third order intercept of about +12 dBm. The R-71A moves on to a balanced pair of active 2SK125s with local oscillator power applied to the gates. The claimed 105 dB dynamic range for R-71A (of 95 dB for the R-70) would indicate an input intercept of about +27 dBmW.

The front panel boasts no less than 48 keys, switches, and knobs—surely a record for an under \$1000 receiver. 2 jacks at the front and 8 at the back complete the complement. A brief description of each will give an idea of the overall operation of the set. The noise blanker has no less than 3 controls—on/off, level, and width. It is effective against pulse type noise (including ignition noise and OTH radar.) AGC time constant switch offers off/fast/slow (decay) attack time is fast. With AGC switched off and RF gain adjusted, optimum performance is achieved when Murphy's Law results in good DX opening concurrent with quasi-local thunderstorm activity. 5 pushbuttons control mode—one each for AM, CW, LSB, USB, and RTTY. Optional FM is obtained by pressing the "Function" key then AM. Thankfully the R-70's automatic selection of USB above 10 MHz and LSB below has been dropped. Unfortunately the quirk of a 3 kHz freq change in swapping between USB and LSB remains to plague DXers and is the single most annoying feature of the set. If this aspect were corrected the ICOM FBT would be far more effective. The PRE/ATT switch provides a choice of 20 dB attenuation, straight through, or 10 dB amplification. The preamp as supplied does not function below 1.6 MHz, but presumably the inhibit line can be cut to correct this. The R-70 amp once modified in this manner was effective down to 300 kHz.

Two pushbuttons give 3 positions of selectivity tailored for each mode. Pressing either the narrow or wide buttons alone gives the appropriate BW in each mode. If both are in or both out then "normal" BW is selected. A 3 position switch would have been better. Individual controls are provided for AF and RF gain, squelch level, and tone.

A dimmer switch reduces the frequency readout intensity for night-time listening. A switch is provided to enable the optional infrared remote control. The tuning rate switch varies the frequency step increment in the synthesizer. With button out the frequency changes in 10 Hz steps (2 kHz per rotation) unless the knob is being rotated rapidly, in which case the step increases to 50 Hz (up to 10 kHz) per rotation). If the TS button is pressed, steps are 1 kHz (200 kHz per rotation). The R-70 quirk whereby tenths of a kHz was not cleared has been corrected. The variable rate tuning is a flop as it is too difficult to gauge the rotation speed at which the 10 Hz/ 50 Hz transition occurs. On the other hand the 100 Hz fixed step rate of the R-70 will be sorely missed as this was probably the most used when tuning ECB stations in AM. The fundamental problem with photoencoders, however, has still not been addressed. The ideal combination would be 10 Hz steps and 20 kHz per rotation, i.e., an order of magnitude increase in the number of steps per rotation. Perhaps a quantum leap in technology is required to achieve this, but until it is achieved, the vast majority of users will feel uncomfortable with photo encoder dials. An interesting enhancement over the R-70 is the band button which converts the main tuning dial into a band switch (1 MHz steps, 7 MHz per turn.) While better than the R-70's up/down 1 MHz buttons (non-repeating), the Kenwood R-2000 system beats both "hands down" with dedicated buttons but a repeat feature which activates after 1 second and increments every 1/5 second thereafter. A dial lock switch electronically freezes the tuned frequency to prevent accidental mistuning.

A notch filter may be adjusted in frequency and switched in and out to eliminate an unwanted carrier in the sideband. Frequency control is excellent and notch depth satisfactory (variable depending upon location in the passband). Unfortunately, the notch is not operative in the AM mode. Apparently the problem with the R-70 where the notch would not cover one sideband in AM, has been "corrected" by disconnecting it in the AM mode altogether! The use of a 9 MHz crystal notch does not permit more than 3 kHz tuning range, compared to the 10 kHz required for AM. A better solution for ICOM would have been to use an LC hybrid at 455 kHz.

For the DXer seeking the ultimate in stable exalted carrier single sideband reception of AM signals, the CR-64 high stability crystal frequency reference is recommended. It consists of a replacement high stability xtal in a temperature compensating proportionally controlled oven. Resulting overall stability spec is plus/minus 50 Hz after switch on 1 minute to 60 minutes (200 Hz standard) and less than plus/minus 10 Hz after 1 hour at room temperature (30 Hz standard). Variation with temperature is plus/minus 100 Hz in the range -10 C to plus 60 C (500 Hz standard). Various optional filters are available: The FL 44A 455 kHz 8 pole xtal lattice filter has proven to be a superb replacement in the R-70 for the supplied inferior ceramic SSE PBT filter and will function equally well in the R-71A. With it, the PBT loses its fuzziness and performs as intended. The FL-32 500 Hz filter is a must for the serious listener in locating split frequency operations. The FL-63 250 Hz filter is for the dedicated CW enthusiast. Note that only one of either the FL-32 or FL-63 can be installed. By the way, although not mentioned in the manual, it is likely that the somewhat better FL-33 6 kHz filter for the R-70 could replace the standard FL-70 used in the R-71A. The IC-EX-257 FM unit replaces all the IF/detector circuitry following the 3rd mixer when the FM mode is used.

Top of the list of optional extras is the IC-EX310 speech synthesizer frequency readout module. When the speech button on the front panel is pressed, the frequency is "announced" i.e., for 14.2315 MHz "one four point two three one five megahertz". Volume is internally adjustable and a jumper selects one of two speech rates. While this unit has not been specifically developed for the R-71A, it is believed to be the first readily available for a semi-professional receiver. Our sight-impaired colleagues and the DX community as a whole owe a debt of gratitude for this long-awaited device. Thanks ICOM! Mention should also be made of the RC-11 infrared remote control, which has not been sighted as yet, but the manual infers that it remotes the keypad entry system and the mode switches. It includes a separate control and additional board for installation in the R-71A. This unit will bring new meaning to the phrase "armchair listening level."

Scanning functions are impressive, with 2 scan rates, specifiable upper and lower limits. Scanning ceases when squelch is activated or the tuning dial moves. Scanning may be confined to channels stored in memory and further constrained to those with a selected mode. As well as 32 memories several buttons are provided to facilitate interaction between them and the dual VFOs. All freqs can be entered either through the main tuning dial, memories, or digital keypad. There is room for improvement with the scan rates which do not meet all requirements and keypad entry of this would be desirable. An anomaly in the scanning system is that frequencies increment down rather than up as do the memory channels—a major flaw.

--- Many thanks Frank and Sam. If you are interested in an excellent overseas radio club, may I suggest DX Australia, P.O. Box 285, Mt. Naverly, Victoria, Australia. Dues are A \$15 seamount or A \$ 25 airmail. Bulletin is "DXers Calling", and first-rate: 73-

Jim

# A Few Tips on DXpeditions

Michael Bolitho, Toronto, Ontario

Relatively little has appeared in these pages on DXpeditions - the chance to go out into the wilds, erect antennae, turn on a radio, and voila, hear new stations from weird and wonderful places. There are those who ask "who would be crazy enough to do something like that?" I grant you that listening expeditions are not for everyone. Those who prefer armchair quality reception while actually sitting (bouncing?) in their armchairs probably prefer to stay at home. However, for the listener who enjoys hearing new and exotic material a DXpedition can sometimes be the only way to accomplish that. Living in an urban area creates untold problems for the listener who chases weak stations. Electrical noise levels can be severe enough some days to blanket all but the strongest stations. The problems are especially severe on the medium wave (MW) band, plus the shortwave tropical bands of 120, 90 and 60 metres. For example, it's a rare night that I can hear anything on 120 metres in midtown Toronto, thanks to, you guessed it, the local noise level. The listening expedition allows the participant to escape from the noise level. Combined with an opportunity to erect longer wire antennae which usually offer somewhat higher gain, an expedition can hear significantly more than the listener would in his/her home location. Even under mediocre conditions! Exceptional conditions sometimes produce results which are nothing short of outstanding. On the mediumwave band, for example, the erection of long antennae with high gain and directivity can eliminate common domestic stations and replace them with reception of rare Latin or other overseas stations. A DXpedition also allows the medium wave listener to escape the adjacent channel interference ("splash") often noted from local stations.

One thing which is crucial to the success of any expedition is planning. The more ambitious you are, and the more you wish to accomplish, the more planning you will have to do. An expedition can be as simple or complicated as you wish to make it. For some it may be simply a matter of taking a portable radio to the summer cottage and listening on the built-in whip antenna. For others, it may consist of several thousand feet of wire, portable generators to run AC-powered radios, tents, sleeping bags, food, and the other accessories required to spend a week camping and hearing new stations. What any particular expedition does is up to its members. But once the decision is made, it is a tremendous help to be well-organized.

First of all, it helps to have an extra person or two going along on the expedition. That way, the tasks involved in the organization can be split up. However, at the same time, too many people can cause problems if all try and hook into one antenna or run more than a couple of antennae to the same site. Too many long wire antennae can interfere with each other, spoiling some of the directional effects. An additional advantage of those extra people, however, is that some monitoring of the band can be done at all hours of the night. Too often, there's a lull where there is nothing being heard; say around two or three A.M. That's when the temptation is greatest to drop off to sleep and ignore the alarm clock for sunrise. In theory, three people are less likely to do this than two, but note the caveat about theory.

Once you've decided who is interested in going, you need to decide what you're interested in hearing. Mediumwave? Shortwave? Both? From where? The questions are relevant because they will affect the selection of a suitable site. It pays to remember that long wire antennae get to be very directional as they longer in relation to the wavelength of the signal being received. A directional MW antenna will need to be much longer than one for reception on the 60mb shortwave band. For example, DXpeditions specializing in the mediumwave band often erect antennae which are upwards of 2000 feet long. But for shortwave this antenna would be so directional that the expedition would be virtually limiting itself to one area of the world; if reception conditions to that one area were poor, the listeners would consequently find themselves to be quite bored.

Site selection now comes into play. The ideal site will have fairly easy terrain, with no big hills in the direction you wish your stations to arrive from. High ten-

sion power lines should be absent, although access to AC power is a tremendous convenience. And a check in advance to see if there are any obnoxious buzzes during listening hours might not be a bad idea. Other nice facilities to have are some kind of accomodation, rather than having to rely on a tent. (For some reason, the weather always choses to strike whenever I go on an expedition. The last one I went on saw the temperature dip to -40 Farenheit/Celcius late one night.) Compromises will have to be made. The lack of AC power is not of concern if a battery powered receiver is available. A tent is comfortable accomodation on a summer evening in July. Site terrain is a little harder to compromise - stringing several thousand feet of wire in a swamp would not be an enjoyable past time. Really, the only advice which can be offered is to use what's available to you, and make the best of it.

Antennae are one area which provoke a number of questions. I've referred throughout this article to the erection of long wire antennae, preferably of multiple wavelength. These are also known as "Beverage" wave antennae, after their inventor. The best antenna wire seems to be single strand, plastic covered copper. The exact gauge will depend exactly on how often you are prepared to support it, and most the local availability of wire at a reasonable price. Multi-stranded wire tends to need more support, which is no problem if the antenna is strung through a forest, but rather a nuisance in an otherwise devoid field. Height with these very long wires is not of crucial importance - four or five feet above ground level often works quite well. If suitable natural supports are not available, man made ones can be fabricated using 1" by 2" lumber stakes. A uniquely Canadian solution to this problem is to use broken hockey sticks. Remember, the more supports that are required, the longer it takes to actually erect the antenna and reel it in when you're finished. The only advice I can offer about stringing the wire itself is to make sure that it is as straight as it possibly can be. Otherwise, the pronounced directional effects will be spoiled; the benefit of the higher gain will still exist but the results are usually not quite as spectacular. It's also worth noting again the problems with too many antennae running into one site - the consequent interactions between them will spoil the directional Beverage effects. I can't be too specific about directional effects. More information can be found in the National Radio Club (NRC) publications on Beverage antennae; including several excellent charts which show the directionality/wavelength relationship. (For information, NRC Publications Centre, P.O. Box 164, Mannsville, New York.)

Once the site has been selected, a whole new series of questions arises. If you're camping, you're going to need all the camping gear, and all the necessities for your survival in the wilderness for the length of time you are going to be listening. Plus, the stuff related to the radio aspect of the trip. The receivers themselves. The antenna wire. The supports. Tools. A soldering iron is very useful to have; if you haven't got electricity you can obtain a propane fired soldering iron. Solder. Proper clothing - it helps to remember that the weather will always oblige you by turning worse; there's nothing quite like not being properly dressed to add to your enjoyment. Another typical Canadian example: if the snowfall is likely to be heavy, a set of snowshoes makes antenna work much faster. It also helps to prepare your car adequately for the rigour of back roads and not well beaten tracks, especially if you normally confine your driving to cleared urban roadways. Sliding into a ditch or getting stuck in the mud is no fun; inevitably hours are wasted getting towed/dug out, and that's usually when the best reception conditions are present. A simple rule of thumb to remember is that once you think you've got everything, go back and look at your car. If there is any room left in it for more than a driver and passenger, stop, because you must have forgotten something. The rule, although facetious, points out another problem: while it is a nuisance to try and remember absolutely everything, it is a bigger nuisance to go back and get something you've forgotten. Or worse, to find yourself without something you need. (Like the cigarette lighter power cord for your receiver or tape recorder!) It all comes back to being well organized.

Another question which is often asked involves what receiver to take along. My answer to this would be the best one that you have for the power supply available.

A battery operated portable can do quite well if there's no AC power available. But, a decent communications rig is capable of pulling out superior DX, and if you feel it's worth the trouble, take it. I remember hearing Comoroos on 3331 (hetting CHU) on an expedition once; thanks in part to the fact that one of the participants had bothered to lug his R388 along and the selectivity of the R388 made the difference. It is worth remembering, however, that some communications receivers are not designed for the shock of this rather rugged type of use; I understand this caveat applies especially to older tube type receivers. Cosset them in the back seat of your car, and not the trunk.

Another worthwhile set of things to remember is reference material. Split this out among members of the expedition as well; no point ending up with three copies of the World Radio TV Handbook and no copy of the Tropical Bands Survey for reference.

The author has been a participant on several DXpeditions in the province of Ontario, and would enjoy swapping information or anecdotes with others who have also participated or are interested in participating in them. Road trip anyone?

**An SWC Station Profile of  
RADIO MOUNDOU - CHAD**

by Shawn McDaniel (from a letter by station director, Dorong Guela Ketchoua)

Radio Moundou began broadcasting on June 29, 1979 in the midst of a civil war in Chad that has raged for the last twenty years. It continues today without any sign of stopping.

The station originally served as the voice for one of the rebel leaders in Southern Chad who made Moundou his capital city. Moundou was captured by the forces of Gen. Hassan Habre in September of 1982. Habre is now the president of Chad. Since then, Radio Moundou has been a regional station of Radiodiffusion Nationale Tchadienne.

The station transmitter is a rebuilt ham rig rated at 5 Kw, though at present it is at half power. The frequency used, 5286v, is utilized to escape interference found on the 60 meter band, with the full approval of the government. The civil war has made finding spare parts for their transmitter very difficult and it is always on the verge of breakdown. The director of Radio Moundou also believes that his station is being jammed by Soviets, since it poses a threat to their interests in the area.

The station objectives are to provide truth and information to the people of Chad and to promote unity among the people. Radio Moundou

broadcasts every day from 0500 to 0800, and from 1400 to 1800 GMT on 5286v, 56 meters, in French, Arabic and Sara with news bulletins at 0545 and 1630.

The station welcomes reception reports to:

RADIO MOUNDOU  
Station Regionale de la R.N.T.  
B.P. 122  
Moundou, Chad

(Editor's note: Thanks, Shawn! Of course, by now everyone knows that the outlet on 4904.8 has returned after a lengthy absence, giving some of you another shot at Chad.)

## USPS governors postpone rate hike

The U.S. Postal Service domestic rate increase unnecessary until 1985.

The Board of Governors officially went on record at its March meeting that the next general postal rate increase will be postponed until early 1985.

That will delay the expected domestic rate increase from its earliest possible date of October 1984 until at least January 1985, past both the November elections and end-of-the-year holiday mailing season.

The good news for mailers came after the board discovered that postal income will exceed earlier predictions by a few hundred million dollars. That should delay expected USPS deficits and make the

international rates — for airmail, aerogrammes and surface mail to foreign destinations — may still increase in 1984, but predictions now point to late summer.

The decision isn't expected until June or July. ■

Just to follow-up our article of last month, again courtesy of "Linn's Stamp News" and my dad, WB2LNY.

This rather interesting article was received here recently. The author apparently prefers the pen name of "Tristan Tom". So, in the interest of progressive hobby journalism, we present....

## Is Tristan da Cunha Impossible?

The following is an abbreviated story of one DXer's experience having heard the toughest of the tough, Tristan Da Cunha. Believe what you will, but in this man's heart, he knows what he heard. The purpose of this article isn't to prove anything, but to simply relate what had happened. I hope you at least find it enjoyable.

Saturday, December 29, 1979 was a typical Winter day. The day was spent much like any other Winter weekend day, saving logs in front of the TV. When I awoke at 2130 GMT, I decided to warm up the ole R-39CA for a few hours of DX. I never would have imagined in my wildest dreams what was about to happen.

When I returned with the pot of Coffee, the receiver cabinet was already warm. As luck would have it, the readout showed 6215.1 kilohertz, and when the receiver was turned on, Paul Dane was heard announcing that "This transmission is broadcast via the transmitting facilities of Radio Andorra". A nice catch at 3 kilowatts, but it was already logged a few days previous. I noticed that the noise level was rather low and that the signal strength was quite good. This prompted me to tune to 5039 as I wished to get details for Sudan so that I could send them a reception report. When the odometer stopped at 5039, beautiful Arabic string music was heard. "Huna Omdurman" was noted at 2230, the end of the program. I continued to tune around 60 meters, and I halted my bandscanning on 5100. As the Afro high-life music pounded through the speaker, I wondered if it could be one of those Angolan regional stations. Sure enough, at 2245 I caught the ID in Portuguese by a man announcer seemingly in his late 50's. What a great catch. I could hardly believe the strength at which Emissora Regional Mocamedes was coming in at. After I logged it in the some-what organized log book, my attention was focused on 3930. Cape Verde would be a new country and I had high hopes that the R-390A's excellent selectivity could pull Sao Vicente out of the ARO QRM. What I thought was no' the case. Cape Verde was doing so well I didn't even need the lower selectivity positions. At that time I knew something strange was happening. It definitely wasn't a dream and I figured I may have a chance at the Falklands, or maybe even more. When reality finally settled in again, Cape Verde's national Anthem was being played. Immediately following the national anthem, the carrier left the air. Again I thought, even if I didn't hear anything else, I still managed to get one new country, two new stations.

Nothing much happened afterwards, and at 0020 boredom set in. Fortunately I remembered Maldives on 4754. Five minutes later the carrier popped on and the little birdie was singing away. I waited for the sign on announcements before I went hysterical. At 0029 a young lady was heard exclaiming "See Radio Maldives..." Holly heterodynes, another country!! I could hardly believe my ears. It was a good thing I had the tape player running. I jotted down details until 0055. Ahhh, Falklands should be in by now I thought. Actually I was quite calm about the whole thing. I've tried in vain for Falklands for many years with nothing heard but a slight carrier. Why should it be coming in now? At 0100 I moved down to 2370. What's this! English accented DJ's! "Radio Newsreel"! By God it must be FIBS. It was confirmed at 0115 with an ID by a young lady announcer and a run-down of tomorrow's programs. I actually fell right out of my chair (only because the back broke in the excitement). But WOW, FIBS at 0911! Gez, what could possibly happen next? I wasn't about to move the dial at that point. After the announcements, a few Beatles tunes were played, then God Save The Queen and the plux was pulled. Finally FIBS! If this kept up, I'd shoot up right through the scoreboard column, was one of the many thoughts that raced through my mind. At that time I realized I might have a shot at Tristan. A long shot, but a shot none-the-less. Early in my DXing career I took a vow that whenever I heard Tristan I would quit the DXing hobby all together, having conquered that last mountain. I thought that tomorrow 12 years of DX might actually come to an end.

The rest of the night wasn't as eventful. All that was heard was a few West German regionals, Sudan (again), Tunisia on medium wave, and West Berlin on 6005. Even CKFX on 6080 was coming in fairly well with 10 watts. I made the fatal mistake of going to sleep at 0900. Who knows what I could have heard that morning. Vietnamese regionals, scores of Indo's, Tibet, Manchuria? It seemed sleep was more important at the time. Anyhow, what fun would DXing be if you heard everything that you tried for? And so I slept until late afternoon.

I woke up at around 1800 GMT. I gathered myself and ate a few eggs and drank a glass of OJ. Then, after breakfast, I looked out the back kitchen window only to see nothing! No antennal Disaster, no antenna and Tristan would be on in half an hour. Further inspection showed that half the longwire was still in the tree, the other half was buried in the snow. The high winds must have done it in. It was too late to brave the winds and the cold to fix it. I knew all too well that Murphys Law applies to fixing antennas also. A job that would take only half an hour would, no doubt, take 4. So it was senseless to go out and fix it. All hopes for Tristan was gone, so it seemed. I had my trusty R-390A tuned to 3290 15 minutes before sign on. The UTEs were tough but ECSSB would take care of that. Nothing to do now but wait. 1858 and things were looking bad. But at 1859 a carrier suddenly sprang right out of the mess. As an avid DXer, I was used to carriers springing up anytime anywhere, then vanishing as fast as they appeared. 1900 came and went with still no modulation, but at 1901 a voice was heard. "This is Tristan calling, ZOE, Edinburg, heres a look at the local news". I scrambled for a pen and my notebook. The best details I could ever take were written down as fast as I could. After the news was a pop music program that lasted until 1930. After the start of a BBC program at 1930, a buzz saw type UTE started up smack dab on 3290. Even the ECSSB method couldn't help that eardrum blasting QRM. The UTE stayed on the rest of the evening testing even the most patient DXer. 2020 GMT I realized not all was lost, I still had the tape recording, or did I. The most horrifying part of the whole incident had just entered my mind. I didn't hit the record button on the tape deck! How on earth could I forget to start the dumb thing! I didn't have even a syllable of a word on tape. Who would believe me now that I heard Tristan Da Cunha? But I did have the details of the programs. There was hope yet. I'll send the reception report and won't publicize that I heard Tristan until I get the QSL back, I thought.

Well, its been 4 years now since that day and I still haven't received a QSL from Tristan. I sent them 10 reports and I'm beginning to think it was just a dream. But then again, it couldn't be because I received a QSL from Sudan from that fateful day. I did keep my vow though. I sold my R-390A and a friend has all my QSL's now. Things would probable have been different had I started the tape deck. But thats all over now. Having never sent that log of Tristan to LR-A I figured I had to at least tell you the story of my Tristan reception. If anything, I hope you find it enjoyable even if you don't believe it.

One final note: To those avid DXers, don't ever attempt to hear Tristan Da Cunha, its more trouble than its worth.

Signed,

Tristan Tom

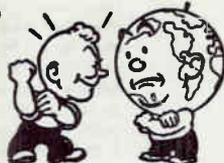
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Well, despite the organization problem here of recent months, the column fell together rather well. And, we still have some good material left on hand.

The next few days will be spent getting settled into the new shack. My dad is engineering the desk building project and it's a beauty! Not only is he a talented cabinet maker and craftsman, but a helluva cw operator at that. Maybe we can get a shack photo in here sometime soon?

Until next month, 73c-

*Huk*





# Pappas on Programming

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## External Services: A Survey of Motives Part II

Last month we examined propaganda and the desire to present "unvarnished" information as two of the primary reasons for countries to enter the international broadcasting community. This month, we'll continue our discussion with some additional motives.

Although most people live and die in the same country in which they are born, many opt to emigrate from their homelands in search of work of other socio-political conditions. International broadcasters recognize this fact and often focus the operation of their foreign service toward providing a service for nationals living abroad. Almost all international broadcasters provide this by beaming programs in their own language in addition to a language spoken in the desired target area. This service for nationals helps retain the link between the motherland and those abroad by providing national news and indigenous popular music.

Primary examples of this type of service are the Soviet station Radiostansiya Rodina (Radiostation Homeland), the Voice of Greece, and Radio Norway.

The use of external services as a diplomatic channel may be another motive for international broadcasters. Programs generally consist of official policy decisions and proclamations and national news. Few cultural programs are presented, as apparently these stations are not broadcasting for the benefit of a general audience, but to official monitors abroad. A primary example of this motive is Radio Pakistan, which broadcasts national news at dictation speed.

Another motive for international broadcasting is commercial. A long-standing example of this type of station is Radio Luxembourg, which broadcasts rock music, news headlines, European weather, and commercial announcements to surrounding European countries.

Some broadcasters have entered the field of international broadcasting to spread the word of the Gospel. Many of the programs presented by these stations are actually produced by outside religious production houses, such as Back to the Bible Productions. An example of the religious broadcaster is WINE, Red Lion, PA.

The final motive to be discussed may be somewhat controversial in its presentation, but upon reflection, is probably legitimate. Occasionally, an external service will be established to satisfy the personal wishes of a national leader. What comes to mind as an illustration of this type of station is the old External Service of the Uganda Broadcasting Corporation, circa 1979. Speeches delivered by then-President for Life Idi Amin were carried in their entirety by this station, along with news, political commentary, and western music. The UBC, notorious for its technical foul-ups (records skipping in mid-song), poor-quality announcers (marble-mouths), and bizarre news stories (Tanzanian troops falling into a river and being devoured by crocodiles) had become a joke to most American shortwave listeners. All in all, the station seemed to be a reflection of the man it intended glorify.

Obviously, this survey only scratches the surface of reasons why countries enter the international broadcasting community. Perhaps you have different ideas, or would care to comment on any article which has appeared previously. If so, feel free to write. You can reach me at the above address.



# Listeners Notebook

This month, Listener's Notebook is being brought to you under the frantic, last-minute editorship of Terry A. Ward; 2202 Oxford Lane; Cedar Falls, IA 50614. The listings below use the following abbreviations:

RIB	Review of International Broadcasting
WBI	BBC World Monitoring Service "World Broadcasting Information" (Material here is copyrighted and the source must be listed!)
ADXN	Australian DX News
ACE	The Monthly ACE
NZ DX Times	New Zealand DX Times

**SWL/DX EVENT !!** The Southern California Area DXers, the American Shortwave Listeners Club and ANARC (Association of North American Radio Clubs) will be promoting SWL/DX activities during a "SCADS Goes to College" fair at Golden West College Golden West at Edinger Huntington Beach, CA on Saturday, May 12, 1984 as part of the local Community Festival '84. With equipment displays, info and helpful folks this seems to be a GREAT idea to show off SWL/DX'ing. Good luck to all! <law>

**Afghanistan** External Svcs sked all beamed to Europe (via WBI):  
1730-1830 7290,15077 Pashto/Dari  
1830-1900 7290,15077 German  
1900-1930 7290,15077 EE

**Alaska** KNLS, Anchor Point 6185 hrd \*1730-2000\* w/ pop mx & RB rel pgs fiar sig (Ernie Behr).

**Algeria** RTA EE 2000, SS 2030 and FF 2100-0200 on 9641. AA noted on 15370 @ 1700 (R E Wood).

**Argentina** RAE EE sked (via WBI):  
1700-1800 15345 EE (excl Sun.)  
0200-0300 15345,11755,11710 EE (not Mon.)

**Australia** R. Australia noted EE 0900 on unsked 15395 QRM from R. Moscow in Russian (R E Wood). Per announcements, R. Australia's frequencies of 15410 and 15395 s/off at 0910; listeners should retune to 21605 (Dale Park). R. Australia reported on Feb 9 that testing would begin soon on the rebuilt transmitters near Darwin. This facility was devastated by a cyclone ten years ago. Test transmissions should have begun by now. Full operation is expected in May with programs beamed to Eastern Indonesia, S. E. Asia, China and Japan (WBI). A R. Australia reporter reported on the R. Netherlands "Media Network" pgs that the reconstructed Darwin transmitter would bring into svce three 250-kW transmitters, one log-periodic antenna and seven curtain antennae. R. Nederland also reported that R. Australia was building a new transmitter site in Western Australia at Carnarvon with presumably enhanced European EE service. (WBI) R: Australia noted on test freq 21740 @ 0100 GMT (Joe Freeborn). 15390 at 0445 excellent signal (frequency not listed in 1984 WRTH) (Chuck Oliver) NZ Radio is losing its audience of Pacific islands. NZ DX Times reprints a story detailing the loss of

the Pacific island audience to R. Australia. The article notes that the local (i.e. island) news service is so poor that "R. Australia's bulletins will break a story days, weeks and even months before the media in the country of origin pick it up!" Hard to imagine with our exit polls and the like, but SW comes through! (NZ Evening Post via NZ DX Times). The R. Australia broadcasts to Papua/New Guinea are audible here on 15160, 15320 @ 2300-2400 (Ward).

**Australia** Partial schedule for Pacific and Papua/New Guinea target areas (English language) (Dan Ferguson "Guide to English Shortwave Programs see publications below):

0000-0730	PNG/Pac	15165
0100-0200	E&W Pac	11720
0200-0400	E&W Pac	11720, 15160, 15320, 17795
0400-0500	E&W Pac	11720, 15160
0500-0730	E&W Pac	11720, 15160, 15320, 17795
0730-0800	E&W Pac	11720, 15160
0730-0800	S. Pac	11910
0800-1100	E&W Pac	11720
0800-0830	S. Pac	6045, 11910
0800-1000	PNG/Pac	15410

**Azerbaijan** R. Baku 6110 vy strong from 1400 Farsi; 1500 Turkish; 1600 Arabic // 6135 much wkr to 1520 f/out (Ernie Behr).

**Bangladesh** R. Bangladesh noted on 21640 w/ \*0800 in EE announced as for W. Europe. After 0800 EE ID goes into Bangla. Probable 0845\*. GRM from RFE and jammer. (RE Wood).

**Belgium** (BooBoo Dept.) BRT 9900 noted w/ a serious mix-up 2200 January 29. "Brussels Calling" in EE began; interrupted by pre-recorded Dutch tape apologizing for wrong tape and then restart with different program "Music Box." (R E Wood).

**Brazil** R. Guaiba 11785 @ 0340 (WRTH says off by 0300) (Chuck Oliver). Verie letter from R. Timbira has pgm "The Int'l Correspondent"; one hour pgm in English and Portugese every Saturday @ 210 UTC. Frequencies 4975 and 15215 (Wilkins-CD). R. Diffusora de Acreana noted on 4880 from 1020- 1040 (W M Greenwood). Traze de Junho on 3569 from 1000-1015 f/out (W M Greenwood).

**Radio Nacional de Brasil** - a Radiobras Station has the following English language schedule (from WBI):

0205-0305 EE (Centrl & N America) 15290  
0215-0220 nx

**Bulgaria/**

**Turkey/USSR** An interesting example of stimulus and response and of Soviet bloc jamming of itself is on 25 meter band at 1000. R. Sofia is heard in Turkish on 11720 and 11860. V. of Turkey is heard beginning Bulgarian on 11820; already GRM'ed by R. Moscow World Service. As soon as Bulgaria begins jammer comes on and jams both V. of Turkey and RWMS. (R E Wood) (and this is the monolithic giant that is to bury us? - tax)

**Bulgaria** R. Sofia 6135 from \*1529 w/IS & AR, 1600 TK to 1630 f/out (Ernie Behr).

**Burma** Domestic Services from Rangoon sked in English (via WBI):

0200-0230	7185	Program in EE, 0200-0210 nx
0700-0730	9730	Program in EE, 0700-0710 nx
1400-1600	5285, 5040	Program in EE, 1445-1500 nx

**Cameroon** Douala 4795 @ 0600-0615 English nx and English pgm to 0640 (NZ DX Times)

China R. Beijing English language service schedule (beginning March 5, 1984) (from R. Beijing)

East Coast NA  
0000-0100 11650, 15385, 15520  
0100-0200 11650, 15385, 15520  
0200-0300 11650, 15385  
1100-1200 11860  
1200-1300 11650, 11860  
West Coast NA  
0300-0400 11650, 15385, 15520  
0400-0500 11650, 15385

Colombia LV del Llano returned to 6115v varies to 6117.6 @ 0500 (Ernie Behr). La Voz de Llano on 6118 (not freq.) 0350. Spanish mx (C. Oliver).

Cuba Latest R. Habana Cuba actually uses transmitter sites in the USSR for its broadcasts. 1500-1800 on 15270 (AA at 1500-1600; FF 1600-1700; EE 1700-1800); 9720 and 9695 (SS 1800-2000); 9770 and 9695 (PP 2000-2100); 9550 and 7135 (FF 2100-2200) and 7135 (EE 2200-2300). (Bob Padula via ADXN).

Cyprus R. Bayrak broadcast on 6155v has been inactive since Sept 1983 (WBI).

Dominican R. Santiago hd 6045 w/ LA songs to 0359\*  
Republic

Ecuador R. Pastaza hrd late s/on \*1111-1128 folk mx on 3316 kHz (Wilkins - CD). Sis. de Ematalya tentatively logged 4791 on 16 Feb at unusual time of 1205 (post-sunrise in S. America) w/ nx in Spanish; ID at 1209. (Dale Park). Radio Quito, the key station of the Cadena-Radio Network observed on 4920 with following news pgs (WBI):

1100-1200	NEWS (sponsor Banco del Pichincha) <excl. Sun.>
1205-1210	"Voice of the Press" ("El Comercio")
1300-1330	NEWS (Cadena Ecuador Radio) <excl. Sun.>
2300-2330	NEWS (Banco del Pichincha) <excl. Sa. Sun.>
0405-0430	NEWS (Cadena Ecuador Radio) <excl. Sat. Sun.>

Egypt New experimental test svce to NA for EE svce 0030- 0300.

The regular 9475 has been used in parallel 11755, 11820 or 11880 (R. Cairo). R. Cairo's Holy Qur'an service on higher frequencies than before. Noted 0800 on 17745 also 0600 on 11905. This service carries nx in AA as well as Qur'an recitations and commentaries. (RE Wood). R. Cairo has the following EE language schedule (via WBI):

0200-0330	EE (to North America)	15370, 9475
	w/ nx at 0215 and 0315	
1215-1330	EE (to S. & S.E. Asia)	17675
	1230-1240 Nx	
	1240-1245 commentary	
	1328-1330 Nx headlines	
1630-1830	EE (Central & S. Africa)	15255
2030-2200	EE (W. Africa)	15375
2115-2245	EE (Europe)	9805

Ethiopia VoRE 9595 from 1900 w/ V of Namibia, 1930 R Freedom in EB and vernacular to 1959\* over GRM (Ernie Behr).

Falkland Islands FBIS on 2380 @0900 And additional skeds 2380 0900-1100; 3958 1115-2030; 2380 2030-0330; Sunday sign-on is one hour later. (NZ DX Times)

France RFI new freq 6055 \*0100-0200\* French language to LA. (Ernie Behr). RFI now French @1600 on 15300 instead of EE (Bruce MacGibbon). Recent publicity material from RFI states that during 1984, RFI will increase FF nx by 10 hours 30

minutes per week in English by three and one-half hours, in Russian by 3 hours and would introduce 3 hours thirty minutes of Romanian per week. (WBI)

**Babon** At 1600, Africa No. 1 is on 15220 and 11940 (RE Wood).

**Germany** Latest sked from V. of Germany. EE to NA 0100-0159 on 6040, 6085, 6145, 9545, 9565 and 11785. Also from 0500-0550 on 5960, 6120, 9545, 9690, 11705 (E. Falkenhian).

**Greece** VDA Kavala snared at 0500 on 7130 w/ innocent ID "This is the jammer. The following program is in Polish" then came the jammer w/ Moscow co-channel; (Dale Park) [Soviet coordination strikes again! - taw] Voice of Greece 7315 nx in English @ 0340 (Chuck Oliver). The domestic service of Greece regional station in Macedonia "Radio Station Macedonia" has the following SW schedule:

0600-1000	12000, 9815 (Sunday)
1000-1730	12000, 9815

1800-2215 11665, 9855

Regional news at 0600-0605 and 1630-1640. (WBI) R. St. Macedonia noted w/ local ID in GK 1500 on 9815 and 12000 w/ time signal. (RE Wood).

**Honduras** L.V. del Junco bak on 6075.6 w/ LAM songs & ID at 0000-0102\* abrupt s/off. Feb 7 s/off @0400 (Ernie Behr).

**India** AIR Delhi regular @1500 on 7412 (Bruce MacGibbon). AIR noted s/on 1300 on 9615 with Hindi ID "Yeh Akashvani hai" Listed as Bombay. Another home svce IS 1510 w/ s/on 1514 noted on 9660 (rather than WRTM listed 9665). Listed as Delhi Hindi talk 1514 and nx 1530. (RE Wood). Tentative AIR on 4870 at 1635 w/ folk mx; heavy utility QRM. (Dale Park).

**Indonesia** RRI Jayapura on 9611 at 0845 w/ strong signal but heavy QRM from Perth on 9610; full ID of station at 0900. (Dale Park). RRI-Jember has resumed SW operations on 3320 from 2200-1700 (EH Pranato via ADXN).

**Iran** V of IRI Urdu 1300-1400 now noted on 15084; usual bubbling Iraqi jamming (R E Wood).

**Iraq** Sawt ul Jamaheer now on 9635 at 1900 // includes 21585 and 17720. (R E Wood).

**Japan** NSB (Nihon Shortwave Broadcasting Company) new program for int'l audiences. "Asian Experiences" is presented in English and Cantonese by Agnes Chan (Chung) Sundays 3925, 6055, 9595 @ 1630-1700 (SCDX via NZ DX Times).

**Korea, S.** 6175 (previous unID cf. Jan LN-31) vy strong frga 1330 CH, 1400 IN, 1430 CH to 1530+ (Ernie Behr).

**Kiribati** Logged new frequency for RK in I Kiribati (the language) on 14802 21 Feb 0120-0132\* but carrier was left on until 0200. Never heard in morning or evening until 24 Feb. when caught at 1900 in IK, also 1957-2012 w/ EG ID, RA news relaying 11725 (the co-channel jammer was audible); then agricultural tips from American sounding male annx (perhaps transcribed USA broadcast). Later picked up on 25 Feb. in IK 0550-0557 w/ EG ID and pgs preview. the BBC news relaying 9510. (D Park).

**Laos** Laos (Vientiane) external services has the following English schedule (broadcast beamed to S. E. Asia) (WBI):

0100-0130	English	7205v
0600-0630	English	7205v
1300-1330	English	7205v

Lebanon V of Lebanon 6550 w/ good sig 140-1530 f/out pop songs & AR nx @ 1515. King of Hope 6215.5 fair w/ AR mx to 1500 f/out. (Ernie Behr). Still confusing. Has been reported that R. Lebanon captured by anti-gov't forces. Feb 11 though AA news at 100 on 9545 began w/ reference to "The President of the Republic, Mr. Amin Gemayal". Presumably back in gov't hands. (RE Wood).

Liberia ELWA in Arabic noted 2100-2115 on 11755. Caution: FEBA also noted on 11755 (R E Wood).

Malawi R. Malawi noted 5955 w/ EE commercials and pop mx 630; 3380 noted w/ local ads. (RE Wood).

Monaco Possibly in connection with the collapse of the Lebanese economy and worsening political situation there, R. Monte Carlo has begun broadcasting its Middle East servie (mainly AA; some FF and EE) on SW directly. Presumed aimed at prosperous Gulf and Peninsular states. Exact sked unknown. Observed at 1300 on 15285 (AA); also 0625-0700 on 9635 (Hani H. Draye, Riyadh). (Richard E. Wood in Saudi Arabia). English to Middle East \*0530-0600\* on 9665. Not listed in WRTH and may be new. (RE Wood)

Morocco R. Mediterranean International (Medi-1) continues to be heard on shortwave with its French/Arabic commercial radio service (WBI):

0730-0900	17700, 15250 or 11825
1530-1730	9575
1900-2100	11825

R. Mediterranean International (Medi-1) a commercial Arabic & French svc. again on SW. Since Jan 28th // to longwave on 15250 until 0910; from 0915 - 1115 17700a and again from 1530-1730 on 9575. (WBI).

Mozambique R. Mozambique 1300 w/ PP nx on 15296; hummy modulation. (R E Wood) V. of Mozambique Nat'l Resistance (PP annex "A Voz de Resistencia Nacional do Mocambique") <anti-govt station>  
0400-0500 PP and vernac. on 4772 (anncd as 4764); EE from 0420-0430. and from 1700-1800 w/ EE from 1720-1730. Formerly operated as "V. of Free Africa from summer, 1976 to Feb 13, 1980) <info from WBI> R. Mocambique (as noted in WRTH) is commercial. Noted with a spot for "confiteria em Maputo, rua ..." 1640 on 15305; booming signal, hummy modulation (RE Wood). A Voz de Resistencia Nacional Mocambicana 4722 noted in non-Swahili Bantu language w/ attacks on FBELIND 1750-1808\* w/ African mx. (RE Wood).

Netherlands R. Netherlands testing xmission to NA from Lopik site w/ 100kW from 2330-0615 on 9895. This is parallel with the Bonaire relay on 6165, 9590 and 9715. They are currently studying propagation conditions. (Media Network via ADXN).

New Zealand RNZ strong at 0406-0500 on 15485, 17705 (Bruce MacGibbon).

Nigeria FRCN Kaduna recently noted with an EE PSA (public service announcement) that screams to be better known, "If you are involved in an accident on the road do not run away. Stay there and pick up the pieces. Obtain evidence from bystanders. Remember: No vehicle is a bad vehicle, it all depends on the handling." (Thanks to RE Wood for the note; good advice for all of us.)

Pakistan World Svce for SE Asia now 0045-0230 on 17840 and new 15325. Slow speed EE news 0230-0245 on 17840, 21595, and 15325. The latter replaces the old 7315. (ADKN) and R. Pakistan returns to its nominal frequency \*1000 in Indonesian and 1100-1200\* now back on 21755 // 17640. (RE Wood).

External Services from Karachi English schedule (via WBI):  
0230-0245 21595, 17840, 7315 English nx (slow speed) to S. Asia  
0339-0345 15325, 11695 NEWS in EE to E. Africa  
1100-1115 21800, 17660 NEWS in EE (slow) to Europe  
1600-1615 17860, 15565,  
15445, 11670, NEWS in EE (slow) to Europe  
9860

1645-1745 11670, 9435 World Svc to UK.

R. Pakistan EE dictation nx \*1600-1616\* noted on 17660 and on both 15446 and 15325. Be careful of ID on 15325, this is also used by FEBA for EE svce then. R. Pakistan-Farsi svce new on 5990 \*1700-1745\*. (RE Wood).

Peru R. Concordia Arequipa 9580 hd @1030 slogan & annx interference from 9575. Address is Jr. San Jose, 119 Arequipa PERU. (NZ DX Times) R. Los Andes 5030 from 0300 "El Mundo en Antena" w. letters from SWL's. 0400 ads, mx and NA to 0503\*; a Peruvian "World Svce" from Huamachuco? (Ernie Behr)

Philippines FEBC noted w/ IS and EE id 1300 going into Burmese on 15390. (RE Wood). FEBC, Manila noted on 9500 (cf. WRTH listed as 9505) w/ Vietnamese and Bengali language w/ ID in EE. (RE Wood) R. Pilipinas is back! Heard on 20 Feb on 9579 at 0912 w/ local mx followed by "Philippines Today" at 0930. Followed by "Business Trends" at 0945 w/ Danny Romero. Apologized for delay in coming back due to technical problems. ID's every 15 minutes as "This is MBS, the Maharlika Broadcasting System, Radyo Pilipinas, Voice of the Philippines on 9.58 MHz, broadcasting from Media Center, Bohol Avenue, Quezon City, Philippines." S/off annx added "This is Radyo Pilipinas, ... transmission for today." R. Pilipinas is being operated by the Maharlika BS, Ofc. of Media Affairs, w/ studios located at the Media Center, Malongkhor Avenue, in Quezon City, Metro-Manila, Philippines. Our transmitters are located in Malolos, Bulacan, transmitting with a power of 50,000 watts at 9.580 MHz as authorized by the National Telecommunications Commission, Ministry of Transportation and Communications, the Republic of the Philippines. Ladies and gentlemen; the Philippines national anthem." Off 1000\* Fair signal throughout. Under/Over co-channel SP station (perhaps R. Concordia Peru). (D Park).

Poland Latest sked of concert music from R. Polonia:

0500-0530 7270, 6135, 5995  
1130-1200 7285, 6095, 5995  
2305-2355 7270, 7145, 7125, 6135, 5995

• R. Polonia logged 0458 w/ jazz mx, IS and IDs on 7145. GRN from R Moscow World Svce (7150) and jammer on 7155. (Dale Park).

Saudi Arabia BSKSA EE 1100-1300 back on 11855 (which was always the announced freq) rather than 11850. No reason given for change (RE Wood).

Seychelles FEBA 9515 from \*1827-1845\* in PT w/ GRN; also 9538 from \*0324-0356\* in Farsi. (Ernie Behr)

Somalia For the first time, R. Mogadishu observed w/ two different home service pgms in Somali. 6095 @ 1300 and different one on 7200. At 1400 6095 goes into external svc. in Amharic while 7200 continues Somali. Modulation on 6095 now normal. (RE Wood). R. Hargeisa 7120 @ 1500 with Somali. (RE Wood). R. Hargeisa is relaying Mogadishu nx again. 7120

noted w/ local ID and signature tune then into relay 1700.  
(RE Wood).

Spain REE 88 nx noted 1800 on 11690 and 17660 (RE Wood).

Sri Lanka V. of Germany plans relay to be on the air early 1983;  
one MW400kW), and three SW facilities (two- 300kW and one  
250kW). Target areas to be S. Asia, E. Asia and SE Asia. (V  
of Germany).

Sri Lanka Broadcasting Corporation (SLBC) from Colombo has  
the following English schedule. (AMR material are religious  
broadcasts presented by Adventist World Radio) (WBI):

0030-0230	EE-Asia	15425, 9720, 6005
0230-0430	EE-Asia	15425, 9720
	0330-0400 AMR	
1045-1050	EE- S.E. Asia & Japan nx	17850, 15120, 11835
1230-1730	EE-Asia	15425 (to 1430), 9720, 6075

AWR 1330-1345 (Sat)  
AWR 1330-1400 (Fri, Sun)  
AWR 140-1500 (Sun)

1745-1815 EE- Mid East; E. Africa 11800  
SLBC noted back on 4968 at 1625 UTC in language w/ man  
playing S. Indian style pop mx. (Dale Park).

Sudan Umdurman 5039v off the air since December. (RE Wood).

Burinas W Maxfield Greenwood has sent in a note arguing that  
regardless of ID's on 5006 +/- th e transmitter is R. Apintia.  
Seems the formats of the two are identical.

Switzerland Out of band frequencies for Swiss Radio Int'l:  
12030 @0600-0645; 15370 @2045-2245 with English 2145-2215 and  
12035 @1815-1845 (English) Verie notes power at 150kW (NZ DX  
Times). Trilingual news and mx noted back at 0609 on 15430  
and new 12035 (Dale Park).

Taiwan Home svc of BCC noted 2000-0200 on 6810 and 9630 in  
Chinese. Easy to recognize w/ Western march mx on the hour.  
(RE Wood).

Thailand "Kawthulay Radio" 9755 reported off the air Jan 17th;  
has in the past meant Burmese troops nearing supposed xmr  
site (WBI).

Togo Domestic Svc from Lome freq (via WBI) given as 5047 (100kW)  
from 0535-0803 and 7265 (100-kW) from 0805 to 1705. and from  
1705 - 0003 again on 5047.

Transkei Capital Radio 7150 noted w/ EE nx 1700; commercially  
sponsored. First item concerned World Council of Churches  
action against S. Africa and contained an interview with a  
black South African church leader who is banned in S. Africa  
(i.e. "banned" - cannot be mentioned or quoted). So,  
those country counters who wish to count Transkei as "South  
Africa" should consider that in broadcast policy Transkei  
seems not to be under S. African control. <any comments -  
law?> (info from RE Wood).

Turkey V. of Turkey EE schedule- 2000-2100 on 7155; 2200-2300 on  
9660, 9560, 9730 and 6130; 0300-0400 on 9560 and 9730; 1230-  
1300 on 15125 (ADXN)

U. A. E. The Bahraini news agency WAKH reported that a new 50-kW  
Ra's al-Khaymah radio station would be opened in the Zabbut  
area on 25th February. Will broadcast in Arabic, Urdu and  
English. (WBI).

Uganda R. Uganda harmonic 10052 @1540 // fundamental of 5026.

(RE Wood)

United States VOA feeder (AM) 10456 @ 0300, also on 10877 (Chuck Oliver) Plans have been announced for construction of yet another gospel SW station to be located in Bethel, PA and operated by the Assemblies of Yahweh. (Law- Can anybody send me information on the religious group?) Power to be 50 kW and location to be a converted (or should I say remodeled) gas station). Xmit to Middle East and Europe. Operations to begin mid-1984 and to be 8 hours/day. Cost expected to be \$200,000, with major cost being electrical (monthly \$2000). (Larry McKinly via NZ DX Times).

USA latest M84 WYFR sked (thnx to Dale Park for info):  
to Europe 1700 -21615, 21510, 17845, 15440  
2000 21615, 17845, 15440, 15130 all new  
2100 17700 (new), 15440  
2200 15440, 11855  
0600 9680, 9660 (new), 7355, 6185 (new)  
0700 11970 (new), 9680, 7355, 6185 (new)  
to Africa 2000-0000 21525 (new)  
0000 15365  
0100 9715  
to Americas 1300-1800 11830 (new)  
1900-2200 11830 (new)  
1500-0000 15365  
0000-0800 6065

USA/

Philippines Interesting example of two missionary broadcasters GRM'ing each other at 1500 on 15440. FEBC (Manila) in EE and WYFR (Okechobee) in SS. (R E Wood)

USSR-DOSAFAF DOSAAF not the same as MARS. (cf. Feb 1984, LN-28). According to a letter from Doug McClure (OH), DOSAAF functions much more like a pre-basic training military unit in the schools than the MARS operation here in the states. Every third person drafted has received DOSAAF training and it provides such things as flight training, parachuting, and over 400 other technical specialities. (McClure- OH).

USSR - OTH Radar -- From Rolf Lovstrom and the Review of International Broadcasting comes some interesting information on the Russian woodpecker. An article appearing in the Nov 23, 1983 issue of "Stavanger Aftenblad" (west coast Norwegian daily newspaper). The article claims that the woodpecker consists of four sites: One near Kiev in the Ukraine, one in Pechora in Northern Siberia, one in Abalakova in Central Siberia and in Komсомolsk in the Soviet Far East. The story quotes Mr. Gunnar Borvik, director of Rogaland Radio (one of the world's largest maritime radio stations as far as volume of radio traffic is concerned) near Stavanger that the amount of woodpecker interference has increased lately. He also says that a joint letter from Rogaland Radio and the Norwegian Telecommunications Authority to the Russians in August 1983 has now been answered. The Russians claim that their monitoring stations have not registered any increase in the amount of interference from Woodpecker type stations lately. Soviet communications are also interfered with by similar stations from outside the Soviet Union. Mr. Borvik goes on to say that the latter remark obviously is a reference to reports that the US has an operational over the horizon missile warning system. However, the American system has not been monitored at Rogaland Radio nor have such transmissions from the US ever disturbed Rogaland Radio's worldwide communications. The Abalakova transmitter site is the newest of the four, activated summer, 1983.

USSR Estonia - R. Tallinn, Estonia has expanded its external

svce. Known as "Eesti Radio" the station uses 5925 w/ 50kW. Finnish (weekdays) 0915-1000, 1600-1630; Sundays 0800-0900. Swedish (weekdays) 2105-2135; Sundays 0900-0935. Estonian (daily) 2105- 2205. (ADYN).

R. Yerevan, Armenia now 11690 // 9480 between 2200-2300; replaces former 15210 Armenian svce to South America. (ADYN). Latest R. Habana Cuba actually uses transmitter sites in the USSR for its broadcasts. 1500-11800 on 15270 (AA at 1500-1600; FF 1600-1700; EE 1700- 1800); 9720 and 9695 (SS 1800-2000); 9770 and 9695 (PP 2000-2100); 9550 and 7135 (FF 2100-2200) and 7135 (EE 2200-2300). (Bob Padula via ADYN).

Vatican R. Vatican IS and juju mx noted under KYOI on 15190 at 0659. EE at 0715. (new listing?) (Dale Park).

Venezuela R. Nacional on 9540 0240. WRTH says parallel with 9555 (the latter as not heard). (C Oliver).

Zaire AZAP (the Zaire news agency reports that the V. of Zaire regional stations in Kananga will soon be resuming normal operations. (WBI).

Clandestine R 15 de Septiembre using 4 xmtrs in // some days; hrd on 5920//6130 (both USB) //7050 and 5570 (both DSB) @ 0500-0617\*; next day only 5920//7000 (both USB) & 5570 and 0500-0555 on 5920, 6130, 5570 (Ernie Behr).

Spanish numbers station noted 7341 w/ female annx w/ groups of 3 and 5 digits. (Josh Gafin - NY) (Josh incidentally is probably our youngest contributor this month - 13 years old. Keep listening - law.)

"Voice of the Islamic Revolution of Afghanistan" continues to be heard broadcasting from 1700-1730 on 720 kHz. The program is divided between Pashto and Dari. Transmitter presumed to be in Iran since commentaries broadcast by this station refer to an Islamic revolution against the USA and USSR who are both identified as "Satanic powers". (WBI).

"Radio Homeland" ("Radio Vatan") broadcasts material hostile to Khomeyni and the gov't of Iran continues to be observed on 15555 kHz from 1600- 1700. Absent from 9207 during checks in mid-February (WBI).

The "Voice of Iraqi Kurdistan" (Kurdish ID "Aira Dangi Kordestana Iraqlia") hostile to Iraqi gov't under Saddam Husayn and pro-Kurdistan Democratic party has the following schedule (courtesy of WBI). The frequency for both times is 6355:

0400-0500	repeat of 1200-1300 xmission
1200-1300	Bahdinani; Surani Kurdish & Arabic

"Radio Iran" supports the National Resistance Movement of Iran and broadcasts from Iraq heard 1330-1430 transmitting in Persian on 11775, 9595, 7170 and 3367 kHz. (WBI).

"Voice of the Broad Masses of Eritrea" station controlled by the Popular Front for the Liberation of Eritrea announced programs in Arabic were broadcast three times a day from 0600-0630, 1430-1500 and 1930-2000 on five shortwave frequencies:

14340, 9950, 7450, 6250, and 3760 kHz.

Transmissions in Arabic and local Eritrean languages were observed between 140-1630 on 20th February on 14328, 9985, 7453, 6280 and 3725. All frequencies are approximate and varied by several kHz during the transmission period. (WBI).

"Voice of the National Army of Democratic Kampuchea" broadcasts material hostile to the gov't of Cambodia has

added a further daily transmission to its schedule. It is broadcast in Cambodian from 0500-0600 on 5200 kHz. (WBI).

New Wave Radio Int'l 0702-0731 on 7399 w/ very wk signal. (Andrew Yoder)

Voice of Afghanistan 6270 or 6240 from 1530 to 1615 (WBI).

Voice of the Khmer People French News Agency AFP announced that the radio station is aimed to "unite all Khmers for the liberation of Cambodia." Press announcement made by Prince Norodom Sihanouk's followers. Jointly run with the Khmer People's National Liberation Front. (WBI)

V. of Iraqi Kurdistan noted from 1200-1300 (approx) and 1500-1600 on 6355 (WBI).

V. of Afghanistan (antiSoviet) 1530-1615 in Dari, Pashto, Uzbek on 6290/6270/6240 (via WBI).

LaVoz del C.I.D. on 7400 0400-0415 on nightly w/ anti-Castro usual ID and IS; also on 5106 0211-0242. Address CID, Apartado Postal 5557, 1000 San Jose, Costa Rica, L.A. (via ACE cf. Publications below)

Radio Quince de Septiembre 5570//5700 from 0300-0315 talk Sandinistas and martial mx. (ACE)

Feb 27th, 0705-1100 UTC R. Sandino relayed on 6200 w/ annx such as "Radio Sandino, la emisora de la Van Guardia" (Perhaps a Nicaraguan pirate?). (F Roberts).

R. Free Insanity noted 7341 from 0035-0115 w/ rock mx. Save Battle Creek address (J Katz).

LV del CID 11100 w/ pop mx at 0152-0300 (J Meyer).

KFAT "the fat one" hd 0602-0606 7432 weak signal w/ CW GRM (John Norfolk).

quasi-clandestine Voice of the Islamic Revolution of Iraq (id's as coming from the Islamic Republic of Iran) noted first time on 7230 at 1800 w/ ID "Huna Sawt ul Thawrat ul Islamiyat al Itaq" // 1554; both jammed. (RE Wood).

Unidentified 6016.5 unID LAm wk to 0200\*

Fr. Guiana (?) test xmsns 5965 0530-0537\* also on 15150 2240-

2250 no annx, not heard since 1/17 (Ernie Behr).

6100 hrd \*1558v w/ AR or MidEast anthem (Ernie Behr).

9545 N Asian language hrd 0130-0200.

5570 @ 0315 Spanish language many mentions of "comunista", "El Salvador" and "Nicaragua" (C Oliver) (Unfortunately w/ political situation in LA, all broadcasts from everywhere probably mention these three terms - tau).

9890 @0200-03330 unid. Arab mx (Chuck Oliver)

7073 @0505-0510 French language (Chuck Oliver)

7050 @0520 Spanish broadcast (Chuck Oliver)

Publications NBS Time and Frequency Dissemination Services (National Bureau of Standards Publication 42) is one of the best "freebies" around on the subject of WWV/WWVBH/WWVH. It is a 16 page, heavy bound pamphlet that is extremely interesting to the technical-minded; free upon request from WWV (2000 E County Road 58, Fort Collins, CO 80524) [Bill Stevens, via RIB].

"Complete Listing of 1983 North American Pirate Activity" lists over 300 broadcasts in four different formats: alphabetically, chronologically, by frequency and by time.

The cost is a very reasonable \$3.00 from Keith Thibodeaux, 9525 Woodbine Drive, Baton Rouge, LA 70815-4267. (K Thibodeaux via RIB).

"Broadcasts in Spanish" is a schedule of external services by time, cross-referenced by country, for the period Nov 83 - May 84. It is available free of charge upon request from Radio Enlace, Radio Nederlands, P O Box 222, 1200 JG Hilversum Holland. Compiled by Jaime Baguena Garcia. (Blenn Hauser in latest RIB).

"The Monthly ACE" - A publication of interest to the clandestine/ pirate/ anti-government/ new wave/ etc. listening audience is "The Monthly ACE". Published by the Association for Clandestine Enthusiasts, it includes logging columns for AM, FM and SW "clandestines, unknowns and pirates." Also includes a column on veries and spy ("number") stations. The particular issue I have seen (March 1984) even included historical material on Offshore Radio. Current membership in A+C+E is 8.50/ year. Sample bulletins are \$1.00. (Mention NANSA & FRENDX when writing!- taw).

"Popular Communications" - When I began DX'ing and SWL'ing I remember White's Radio Log and Popular Electronics as being useful to me. The former has been resuscitated but the latter has joined the digital world leaving the SWL'er out in the cold. All is not lost, there is an excellent glossy SWL magazine available. Popular Communications (POP'COMM) edited by Tom Kneitel. It includes feature articles on everything from Product spotlights to articles on WW II spy communications. A recent issue (April 1984) included a feature on Pacific Island SL stations. Regular features include Pirates features, EE language skeds, etc. Very much recommended. Available from "Popular Communications", 76 North Broadway; Hicksville, NY 11801. (\$14.00/year) Even available on many newstands! (taw)

C-C-N -- There is a second publication for the clandestine enthusiast (actually I presume only the broadcasters are clandestine, the enthusiasts certainly have their publications!- taw). The Clandestine Confidential Newsletter (C-C-N) is edited by Gerry L. Dexter (of QSL Addressbook fame) and is available from C-C-N, c/o Gerry L. Dexter, RR 4 Box 110, Lake Geneva, WI 53147, USA. Subscription rates are \$10.00/year (US) and \$13.00/yr (Overseas).

Computer Bulletin Boards -- Well, not really a publication, but of interest and a case whee column headings trail technology - DX/SWL Bulletin boards:

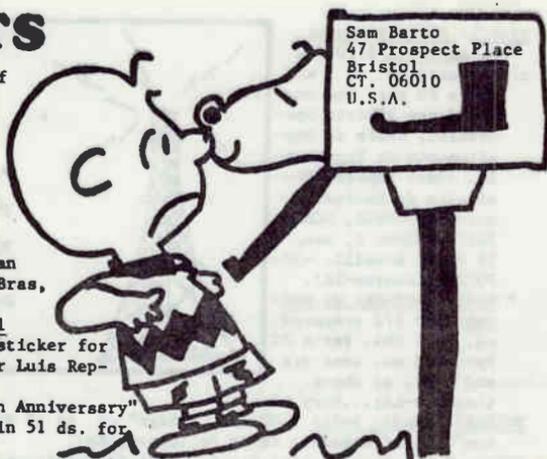
Universal Bulletin Board and Information Exchange (UBIX) is operated by Fred Osterman, UBIX SYSOP, Universal Amateur Radio, Inc., 1280 Aida Drive; Retnoldsburg, OH 43068. Get info for an SASE.

Shortwave Networks Bulletin Board operated by Ken Reiss, 2605 S. 17th Street; Grand Forks, ND 58201. SASE for more info. (from POP'COMM)

Anyone have more info on other bulletin boards or of SWL/DX activity on the nationwide networks (SOURCE, CompuServe, etc.)? <taw>

# QSL REPORTS

I want to tell you to prepare yourself for next months QSL Column. If you enjoy the illustrations, next months column should go down as a classic QSL Column...Sam.



**ALASKA:** KNLS f/d form ltr. in 13 ds. for ms. (Forth-IL).

**ANGOLA:** Radio Nacional de Angola 9535 \* f/d registered ltr. in 55 ds. for an EG rpt. and 2 IRCs. v/s Miguel C. Bras, Department Chief. (Cones-VA).

**ANTARCTICA:** Radio Nacional Sao Gabriel 15474 f/d "Logo" cd. in 67 ds. w/ sticker for an EG/SP rpt. and 1 IRC. v/s Hector Luis Repetto, Mayor. (Cones-VA).

**ANTIGUA:** Deutsche Welle 6040 f/d "30th Anniversary" in 64 ds. (Stephany-NY). 5960 same in 51 ds. for 1 IRC. (Wilkins-CO).

**ARGENTINA:** Radio Nacional LRA 6120, 9710, 11755 and 11755 and 15290 f/d cds. in @ 1 1/2 wks. (Barrers-ARG). Radio Al Exterior 11710 f/d cd. w/ pennant in 19 ds. (Merrill-ME), same in 34 ds. for \$1.00. v/s Ana Maris Mass. (Dye).

**ARMENIAN SSR:** Radio Moscow 15435 via Erevan f/d "Lenin Library" cd. in 47 ds. (Dillon-PA).

**ASCENSION ISLAND:** Radio Atlantico del Sur 9710 "Map/Waves" cd. after numerous requests \* failed. This one went to Secretary of State for Defence - The Hon. Michael Heseltine. Never give up. (Berg-MA)...Thats so true!

**ASIATIC RUSSIA:** Radio Moscow 12060 via Kenga f/d cd. w/ pennant in 71 ds. (Stephany-NY). 17700 via Petrovskovsk f/d cd. in 71 ds. (Stephany-NY). 17760 via Khabarovsk cd. in 71 ds. w/ schedule. (Stephany-NY).

**AUSTRALIA:** Radio Australia 9580 f/d "Penguins" cd. in 19 ds. for 1 IRC. (Gray-MI). 21740 f/d "Kingfisher" cd. in 16 ds. for 1 IRC. (Freeborn-ND). 12290 (SSB) f/d "Seals" cd. in 25 ds (Merrill-ME). VLW6 6140 via Waneroo f/d blue "Map" cd. in 20 ds. (Laskowski-IN).

**AUSTRIA:** ORF 5945 f/d "Phantasmagorical Landscape" cd. in 44 ds. w/ sticker. (Cones-VA).

\* ORF via Aldrama - Tirol 6000 p/d cd. in 10 wks. for 1 IRC. (Craighead-PRAGUE). (Dillon-PA)

**BELGIUM:** BRT 5940 f/d ltr. w/ cds. in 40 ds. (Merrill-ME). 17610 f/d "Louvain" cd. in 25 ds.

**BELIZE:** Radio Belize 3285 f/d "Map" cd. in 42 ds. for 3 IRCs. (Oborny-NM).

**BENIN:** Parakou Regional 5025 postcard rcvd. after a f/up rpt. for a taped rpt. (Berg-MA).

**BALI AND LESSER SUNDA ISLANDS:** BRI Kupang 3385 f/d prepared cd. in 8 mo. for an IN rpt. and \* ms. v/s Daud Yusef Maro, Kepala Siaran. (Lazarus-LA).

**BHUTAN:** Radio NYAB lengthy ltr. w/ cd. for a 1977 reception after 6 f/up rptas. v/s Ms. \* Louise Dorji. This was for 4 IRCs. (Young-CA)...Send it along Jim...Sam. (Witte-CA).

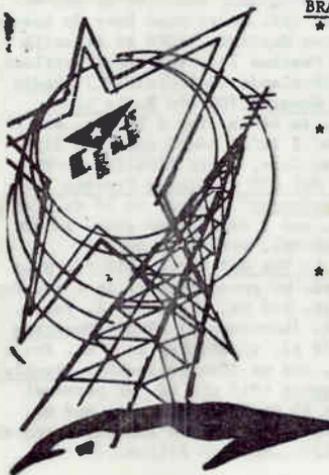
**BLAFA:** FRCN 6025 via Enugu f/d cd. and ltr. in 240 ds. v/s P.A.O. Orogbu, Chief Engineer.

**BOLIVIA:** Radio Norte 4936 very colorful ltr. in 6 mo. after a f/up rpt. in SP. v/s Leonardo \* Arteaga Rios, Director. (Berg-MA).

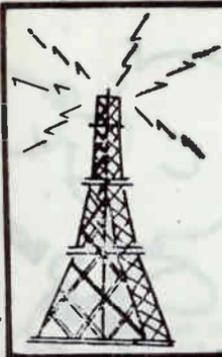
**BONAIRE:** Radio Nederland 6165 f/d "Karel Appel" cd. in 29 ds. (Gurley-TX).

**BRASIL:** Radio Por um Mundo Melhor 4855 f/d prepared cd. in 3 \* yrs! after 10 f/up rptas. in PT for ms. v/s Odilon Lagares Aguilar. (Lazarus-LA). Radio Cultura do Para 5045 p/d cd. in 652 ds. for a PT rpt. (Rigas-IL). same in 660 ds. for 1 IRC. (Laskowski-IN). Radio Clube do Para 4885 p/d ltr. in 22 ds. for a PT rpt. and 1 IRC. v/s Edyr Psira Proenca, Gerente \* Geral. (Foragren-WI). Radiodifusora Acreana 4880 n/d ltr. in 26 ds. for a PT rpt. and ms. v/s Eduardo Jorge George Barbosa, Coordsendor Geral. (Wilkins-CO). Radio Rio Mar 9695 p/d "Map" cd. in 59 ds. for a PT rpt. and ms. (Wilkins-CO). Radio Brasil Central 4985 n/d form ltr. in 15 wks. for a PT rpt. and ms. (Sgrulletta-NY). same in 24 ds. for a PT rpt. and ms. v/s Jose Pedro Rego, Gerente. (Wilkins-CO).

\* Radio Timbra do Maranhao 4975 f/d ltr. in EG in 24 ds. for a PT rpt. and ms. v/s Joso Ferreira, International Correspondent. (Wilkins-CO). \* VOA 17885 via Brasilia f/d cd. in 12 ds. (Cones-VA). Radio Inconfidencia 6000 n/d cd. in 6 wks. for a PT rpt. tape and ms. v/s Marcia Gerken. Stickers rcvd (Sgrulletta-NY). Radio Nacional do Brasil 15290 f/d "Bahia" cd. w/ sticker in 2 mo. v/s Denise Uchoa. (Moore-HOND). in 31 ds. for an EG rpt. (Kacir-MI)...More to come. This must be Brasils month...Sam.



**Radio Nacional**  
**Amazonia** 6120 f/d  
 rec'd cd. in 2 wks.  
 PT rpt. and ms.  
 Jorge Alberto Sca-  
 zi, Chefe do Depen-  
 to de Engenharia  
 -dir: Empresa Bra-  
 ra de Radiodif-  
 RADIOBRAS, SCR N  
 Bloco B, nos.  
 18, Brasilia -DF-  
 (Lazarus-LA).  
**Nacional de Man-**  
**345 f/d** prepared  
 in 2 wks. for a PT  
 and ms. same v/s  
 addr. as above.



PEOPLE'S DEMOCRATIC  
 REPUBLIC OF YEMEN  
 BROADCASTING SERVICE  
 P. O. Box 1222  
 STEAMER POINT, ADEN  
 P.D.R.Y.

FREQ. 605 KHZ POWER 100 W.W.

DEAR Ronald Howard

Your Reception Report of the 12th April, 83  
 has been checked and found correct.

Remarks Thank you very much for  
your report of reception.



**rus-LA)...Very nice:**  
**Radio Sofia** 9700 f/d "Bridge" cd. in 33 ds. (Kacir-MI). 7115 f/d "Mausol-  
 cd. w/ schedule in 39 ds. (Oborny-NM).  
**urma Broadcasting Service** 5985 f/d plain white cd. in 6 wks. on my 3rd try  
 n EG rpt. and 2 IRCs. (Lobdell-MA).  
**SIAN SSR: Radio Moscow** 15320 via Orsha f/d cd. in 5 wks. (Plum-NJ).  
**Radio Douala** 4795 n/d personal ltr. in 117 ds. for a FR rpt. and ms. v/s Regine  
 , Secretaire. (Reinstein-FL). "Map" cd. w/ Radio Douala and handstamp seal on cd. in  
 (Berg-MA). **Radio Bafoussam** 4000 n/d form ltr. in 42 ds. for a FR rpt. (Wilkner-FL).  
**CKFX** 6080 p/d cd. in 5 mo. for 2 IRCs. v/s J. Rattenburg. (Cobb-ME). **CHU** 3330 p/d  
 Sanford Fleming" cd. in 105 ds. for 2 IRCs. (Cassidy-IN). **Deutsche Welle** 9605 via  
 ille "Map" cd. in 41 ds. (Stephany-NY).  
**RRI Ambon** 4845 f/d ltr. via registered mail in 124 ds. for an IN rpt. and 3 IRCs.  
 . Nendissa, Kepals. (Fye-FL).  
**Radio Moundou** 5286 2 page ltr. in FR in 6 wks. (Berg-MA).  
**Radio Minería** 9750 personal ltr, cd., and station pennant in 16 ds. for  
 rpt. v/s Lucas Gonzalez Rivera. (Fye-FL).  
**PEOPLES REPUBLIC OF: Radio Beijing** 11860 and 9860 f/d "Peking Park"  
 / pennant, sticker and bookmark in 28 ds. (Kacir-MI). **Fujian**  
**Station** 7850 CH prepared cd. w/ ltr. via registered mail in  
 after 4 f/up rpts. (Berg-MA). **Guangxi PBS** 5010 **Nanning** f/d cd.  
 Beijing in 31 ds. (Fye-FL). **BPM** 15000 f/d cd. in 68 ds. v/s Yang  
 xu, Section Chief. (Stephany-NY).  
**LINE: Voice of the Committee for Solidarity** 11700 via **Radio Clarin**  
 d prepared cd. in 303 ds. for ms. (Rigas-IL). **Radio Frie Sranan**

RADIO CANADA  
 INTERNATIONAL

**DIREKTORAT RADIO**  
**RRI REGIONAL I PALANGKA RAYA**  
 Jalan MURAHAD HUSEIN THAMRAN Tel. 21776 - 21778  
 Palembang 1, SO, 22 or 74, 82 or 88, 97 or 104 Pal 92 Ma

Palangkaraya, 9-09-1982.  
 Untuk: Tuan John Wilkins  
 4585 Hoyt St #205  
 West Ridge, CO -  
 80033, U.S.A.

...hastere buat Tuan & (keluarga).  
 ...hast saya sampaikan kepada Tuan, tentang surat Tuan ter  
 ...26 Agustus 1982, telah kami terima tgl. 8 September 1982  
 ...tentang laporan Tuan tertanggal 1 Januari 1982, dengan  
 ...8 (90,22 m, red) sama dengan freq. 3325 khz (betul), dari  
 ...0 - 23,18 witing. Setelah saya cocokkan dengan apa yang  
 ...dikatakan, bahwa laporan Tuan memang betul, bahwa siaran -  
 ...di angarkan/kangkep, adalah stasiun "GRI (Palangkaraya)  
 ...ngat berterima kasih atas perhatian Tuan, hingga 2 kali-  
 ...in laporan. Mungkin surat yang pertama tidak sampai a-  
 ...kin kami yang lupa sebalasannya. Sebab selain dari nega-  
 ...kami juga menerima laporan lainnya dari negara Jepang,  
 ...rica, Australia, Finlandia, Swedia dan sebagainya, beh-  
 ...negara-negara bagian Tuan berdira, diantaranya dari Mr  
 ...Hensely di 4629 Sun Valley Drive EL PASO, TEXAS. Sela-  
 ...ndang kami agak lama sebalasan, karena harus mencari dan  
 ...kan laporan yang sinta.

...kin yang baik.  
 ...kin semua seluruh teman-teman se-kerja sekali lagi mengu-  
 ...nyak-banyak terima kasih dengan segala perhatian Tuan,  
 ...pun sangat gembira bahwa bahasa surat yang Tuan pakai  
 ...di dan dapat dimengerti.  
 ...kin dari seluruh peajar RRI Palangkaraya, buat Tuan dan  
 ...ga), semoga Tuhan senantiasa bersama kita semua.  
 ...kin a cukupan sampai disini dulu balasan saya buat Tuan,  
 ...kami dengan jawaban ini Tuan bisa puas adanya.

\* 6850 f/d personal ltr. in  
 2½ mo. for 2 IRCs. v/s M. Nasrullah.  
 Sticker and poster rcvd. (Lazarus-LA).  
 same w/ separate ltr. and station infor-  
 mation. (Berg-MA). f/d ltr. in 105 ds.  
 for a DT rpt. Addr: Raad Voor de Bevrij-  
 ding van Suriname 2280 AS Rijswijk  
 (2.h.) Postbus 737, Verrijn Stuartlaan  
 17, Netherlands. (Reinstein-FL). **Radio**  
**Maximo Gomez** 11700 via **Radio Clarin**  
 f/d cd. in 44 ds. for a SP rpt. and a  
 tape. w/ 2 IRCs. Addr: Apartado 8130,  
 1000 San Jose, Costa Rica. (Kacir-MI).  
 \* **La Voz del CID - Emisora Pruebas "Cam-**  
**ilo Cienfuegos"** f/d cd. in 20 ds. for a  
 SP rpt. and 3 IRCs. Same addr. as RMG.  
 (Gavaras-MI). Freq...11100.

**COLOMBIA: La Voz del Yopal** 5050 f/d pre-  
 pared cd. w/ personal ltr. in 4 mo. for  
 a SP rpt. and ms. v/s Marco A. Perez,  
 Gerente. (Lazarus-LA). **Radio Macarena**  
 5975 f/d cd. w/ sticker in 1 mo. for a  
 SP rpt. and ms. (Craighhead-KS). **Armonias**  
**del Caqueta** 4915 n/d cd. w/ personal  
 ltr. in 65 ds. for a SP rpt. and ms.  
 v/s Padre Alvaro Serna Alzate, Gerente.  
 (Plum-NJ)...More to follow...



**COLOMBIA:** La Voz de la Selva 6170 handwritten postcard veri rcvd. from Gerente. Addr: Carrera 13 No. 13-16, Florencia. (Berg-MA). La Voz del Llano 6115 prepared cd. w/ calendar in 27 mo. after 6 f/up rpts. in SP. (Berg-MA).

**COMOROS:** Radio Comoros 3331 B&W cd. in 56 ds. for \* 2 different rpts. (Wilknor-FL).

**COSTA RICA:** TILX Radio Columbia 4825 f/d cd. in 4 mo. for ms. (Craighead-KS). f/d cd. in EG in 94 ds. for a SP rpt. and 2 IRCs. (Konen-WI).

same in 106 ds. for a SP rpt. and ms. (Niekamp-MN). cd. in 4 mo. for 1 IRC. (Valko-PA). Radio Casino 5954 f/d cd. in 3 mo. for an EG rpt. and 1 IRC. (Talbot-ALB). Radio Reloj 4832 p/d cd. in 12 ds. for a SP rpt. and ms. (Forth-IL).

**CUBA:** Radio Moscow 11840 via Habana f/d "Tretyakov Gallery Art" cd. in 47 ds. (Dillon-PA). 9600 f/d "Hotel Rossiya" cd. in 71 ds. (Stephany-NY).

**CYPRUS:** Cyprus Broadcasting Corp. 6125 f/d cd. in 4 mo. for 2 IRCs. (Swaringen-NC).

**CZECHOSLOVAKIA:** Radio Prague 5930 f/d "Cottage" cd. in 57 \* ds. (Dillon-PA). OLB5 3170 p/d cd. in 37 ds. (Barto-CT).

**DENMARK:** Radio Denmark 25850 f/d "Lovely Land" cd. in 36 ds. w/ schedule. (Barto-CT).

**DODECANESE ISLANDS (Rhodes):** VOA 15305 f/d cd. in 18 ds. (Dillaman-OH).

**DOMINICAN REPUBLIC:** Radio Earth International 11700 "Curacao" cd. in 199 ds. for 1 IRC. (Talbot-ALB). same via Radio Clarin in 50 ds. for 1 IRC. (Tutak-NJ). in 160 ds. (D'Angelo-PA). cd. in 158 ds. (Laskowski-IN).

**ECUADOR:** HCBJ 9745 photo cd. in 25 ds. (Gray-MI). f/d "Control 8" cd. in 171 ds. (Talbot-ALB) \* 6095 f/d "Earth Station" cd. in 171 ds. (Talbot-ALB). Sistema de Emisoras Atalaya 4790 B&W cd. in 7 mo. for a SP rpt. and ms. v/s Mendoza Paladins. (Lazarus-LA). 4792 cd. in 7 mo. after a f/up rpt. in SP. (Berg-MA). Emisora Jesus del Gran Poder 5050 n/d folder cd. w/ pennant in 17 ds. for a SP rpt. and ms. v/s P. Jorge Enriquez Silva. (Wilkins-CO).

\* BCRN Radio Bahai 4996 p/d cd. w/ ltr. and poster in 76 ds. for a SP rpt. and ms. v/s Marcelo Quinteros M., Gerente (Konen-WI). Emisoras Gran Colombia 4910 n/d form ltr. in 10 wks. for a SP rpt. on my 6th try. (Moore-BOND). in 84 ds. for a SP rpt. and ms. v/s Nancy Cevallos Castro de Espinosa, Departamento de Reportajes. (Niekamp-MN). La Voz de Saquisilí 4900 ltr. w/ prepared cd. from Edwin Mena C., Director de Programas. Letterhead says the station is affiliated w/ the VOA. (Berg-MA). HD2IOA 7600 usual "Sundial" cd. w/ sticker in 10 wks. for a SP rpt. v/s Romero Arellano L., Jefe, Division Ayudas a la Navegacion. (Berg-MA). Radio Rio Amazonas 4870 ltr. w/ sticker and a green and yellow pennant after 6 f/up rpts in SP. v/s Prof. Marco Diaz D., Gerente. Addr: A.P. 818, Puyo or A.P. 7, Shell. (Berg-MA).

**ENGLAND:** BBC 9590 n/d "Bridge" cd. in 3 wks. (Gray-MI).

**ESTONIAN SSR:** Radio Tallinn 5925 f/d cd. in 41 ds. (Cones-VA).

**EUROPEAN RUSSIA:** Radio Moscow 7100 via Armavir f/d cd. in 2 mo. (Gurley-TX). 6115 via Moscow f/d cd. in 23 ds. (Gray-MI).

**ENGLAND:** BBC 9590 n/d "Bridge" cd. in 3 wks. (Gray-MI).

**ESTONIAN SSR:** Radio Tallinn 5925 f/d cd. in 41 ds. (Cones-VA).

**EUROPEAN RUSSIA:** Radio Moscow 7100 via Armavir f/d cd. in 2 mo. (Gurley-TX). 6115 via Moscow f/d cd. in 23 ds. (Gray-MI).

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Singapore Broadcasting Corporation GSI  
Maxwell Road P O Box 1902  
Singapore 9038

Date: **20 AUG '82**

via J. Polchlopek

We are pleased to receive your reception report on **1194.0** kHz from **1600** GMT to **1605** GMT on **2-8-82**

Your report  agrees with our programme schedule

We hope you have enjoyed the programme and will continue to listen to our broadcasts

for General Manager  
Singapore Broadcasting Corporation



COMUNICACION DE WOODBURN DEL NOROCCIDENTE  
RADIO ZINICA  
BLUEFIELDS, NIC

"AÑO DE LA UNIDAD FRENTE A LA AGRESION"

Bluefields, 30 de Diciembre de 1982

Estimado Compañero  
Sholom I. Glikman

Reciba nuestro fraternal y combativo saludo Sandinista seguro de lo irreversible de nuestro proceso revolucionario Nicaragüense.

Por medio de la presente queremos confirmarle el reporte de sintonía que nos envió en días pasados y el cual concuerda con nuestra programación.

Nuestro transmisor es un FICOR- RT- 9C- onda corta banda internacional de 49 metros, 6.120 kilohertzios, 2 kilos de potencia en frecuencia e modulado.

El horario en que Radio Zinica trabaja es de 5:00 A.M. a 11:00 P.M. hora de Nicaragua.

Radio Zinica forma parte de la Corporación de Radiodifusión del Pueblo (CORADEP), y está situada en la Costa Atlántica de Nicaragua.

Agradecemos mucho su reportaje, esperamos nos envíen mas y por medio de su persona queremos que nos den a conocer a los grupos de Solidaridad con Nicaragua en su país.

Si más que añadir a la presente aprovecho la ocasión para saludarle y reiterarle nuestro jaramento inmortal de "PATRIA LIBRE O MORTE".

Fraternamente  
Arturo J. Valdez  
Director Radio Zinica



SANDINO SIEMPRE...

**RECEPTION LOG BOOKS:** William J. Plum of 124 Hillside Terrace, Irvington, NJ 07111 has published a very good looking 50 page 8 1/2 x 11 inch format bound log book. It has spaces for all data including UTC and local time, date, QSL data and many others. Address your inquiries to Bill at the above address...Sam.

**FALKLANDS:** FIBC 3958 f/d "Logo" cd. in 168 ds

\* for a taped rpt. via a UK friend. (Barrera-ARG). 2380 f/d cd. in 10 wks. for 2 IRCs. v/s A.R. Davies, Broadcast Secretary. (Swarin-

**FEDERAL REP. OF GERMANY:** Suddeutscher gen-NC).

Rundfunk 6030 f/d cd. in 35 ds. (Rigas-IL). Radio

\* Bremen 6190 via SFB p/d blue cd. in 57 ds. (Laskowski-IN). Deutsche Welle 6120 via Julich f/d cd.

\* in 21 ds. for 1 IRC. (Niekamp-MN). 6140 via Elms-horn f/d cd. w/ site in 64 ds. for A3H test. (Warner-AUST). 5960 via Wertachtal f/d cd. in 3 wks. (Niekamp)

Radio Liberty 3985 p/d "Map" cd. in 5 wks. (Huniwell-

NJ). Bayerischer Rundfunk 6085 n/d "Antenna" cd. w/

sticker in 42 ds. for 2 IRCs. (Hosmer-MI). in 60 ds.

**FRANCE:** France France International 15300 f/d cd. w/ pennant in 33 ds. (Gurley-TX).

**GABON:** AWR Radio via Africa No. 1 9630 f/d cd. in 1 mo. QSL

\* came from the FRG address. (Matthews-OH).

**GERMAN DEMOCRATIC REP:** RBI 11975 f/d "Discone" antenna cd. in 26 ds. w/ calendar. (Cones-VA).

**GHANA:** QBC 4915 f/d cd. in 1 yr! (Laskowski-IN).

**GREECE:** Voice of Greece 9420 f/d "Rhodos Beach" cd. in 166 ds. (Forgan-WI). 15630 f/d "Ydra Island" cd. in 104 ds. (Bruckner-NJ).

**GUAM:** KITWR 9510 f/d cd. in 23 ds. for ms. (Cones-VA).

**GUATEMALA:** ANR Radio 6090 f/d "Logo" cd. in 71 ds. (Rigas-IL). cd. w/

ltr. in 56 ds. for an EG rpt. and ms. v/s William Colindres, Manager

(Wilkins-CO). same in 65 ds. (Laskowski-IN). Union Radio TGMUB 6090

cd. w/ ltr. in 22 ds. for a SP rpt. and 2 IRCs. (Van Horn-TX). Radio

Chortis 3380 ltr. in 41 ds. for a SP rpt. and ms. v/s Juan Maria Boxus,

\* Director. (Wilkins-CO). La Voz de Atitlan 2390 f/d prepared cd. in 6 wks.

for a SP rpt. and ms. (Wilkner-FL). Radio Maya de Barillas

3325 f/d personal ltr. in 47 ds. for a SP rpt. and a taped rpt.

v/s Francisco Juan Pedro, Director. (Sgrulletta-NY).

**GUINEA:** La Voix de la Revolution 15310 f/d ltr. in 135 ds. for a

FR rpt. (Barrera-ARG).

**HAWAII:** WVH 5000 p/d "Outrigger" cd. in 12 ds. (Dye-AR).

**HONDURAS:** Eco de Honduras 6000

\* f/d postcard veri from Henry

Marvin Cabrera who is also direc-

tor of Radio Variedades. (Berg-MA).

HRVC 4820 p/d cd. in 14 ds. for a

SP rpt. and 1 IRC. (Niekamp-MN).

HRXX 4910 La Voz de la Mosquitia p/d

cd. in 10 ds. for an EG rpt. and ms.

v/s Sammy Simpson, Director. Paper

pennant was rcvd. (Cones-VA).



**LS5 RADIO  
RIVADAVIA**



**INDIA:** ASI India Radio 9912 f/d "Pushkar Fair" cd. in 23 ds. for 1 IRC (Green-TN). 4800 via Hyderabad f/d "Mountain View" cd. in 85 ds. v/s H.O. Agarwal, Director of Frequency Assignments. (Reinstein-FL).

**IRAN:** Voice of Iran 9022 f/d "War is Ugly" cd. in 86 ds. for 2 IRCs. (Laskowski-IN).

**IRELAND:** Radio Dublin International 6910 f/d B&W cd. in 39 ds. for 2 IRCs. v/s Mary Reynolds. (Talbot).

**ISRAEL:** IBA 7410 f/d B&W "Skyline" cd. in 22 ds. for 1 IRC. (Gray-MI).

**ITALY:** RAI 9575 f/d "Giorgione Art" cd. in 140 ds. (Bruckner-NJ).

**JAPAN:** Far Eastern Network 3910 f/d blue & white "Logo" cd. in 76 ds. for 1 IRC. (Horn-TX). p/d cd. in 3½ mo. (Moore-HOND).

**JAVA:** Voice of Indonesia 11790 f/d "Dancers in Native Costumes" cd. in 75 ds. after a f/up rpt. for 1 IRC and ms. (Horn-TX).

**KENYA:** Voice of Kenya 4915 f/d ltr. in 85 ds. v/s E.K. Tiampali. (Laskowski-IN).

**KIRZHIZ SSR:** Radio Moscow 11820 via Frunze f/d "Bolshoi Theatre" cd. in 10 wks. (Swaringen-NC).

**KOREA, REPUBLIC OF:** Radio Korea 11810 f/d cd. w/ sticker and pennant in 79 ds. (Barrera-ARG).

**KUWAIT:** Radio Kuwait 9880 f/d "Map" cd. in 33 ds. for 1 IRC. Program schedule rcvd. (Green-TN).

**LAOS:** National Radio of Laos 6130 via Vientiane n/d ltr.

\* after many f/up rpts. in 180 ds. for an EG rpt. v/s Somsanouk Mixay, Deputy Director in Charge of External Relations. (Gavaras-MN). f/d prepared cd. in 4 mo. for a \* FR rpt. to the Laos Embassy. (Wilkner-FL). 6587 via Pakse p/d ltr. w/ site in 51 ds. (Barto-CT).

**LEBANON:** Radio Lebanon 11955 f/d cd. in 203 ds.

for 2 IRCs. v/s Miss Emily Zalami, English Overseas Program Section. My rpt. was sent & QSL rcvd. via the Dept. of External Affairs in Canada. (Talbot-ALB). King of Hope 6215 f/d cd. in 10 ds. (Swaringen-NC).

**LESOTHO:** LNBS 4800 f/d "Flag" cd. in 528 ds. for an EG rpt. and 2 IRCs. (Barrera-ARG).

**LIBYA:** Radio Jamahiriya 11816 f/d very colorful cd. in 2 mo. (Moore-HOND).

**MALTA:** IBRA Radio 6110 via Radio Mediterran n/d "CN Tower" cd. in 30 ds. w/ pennant. and personal ltr. (Hosmer-MI).

**MEXICO:** Radio Huayacocotla form ltr. w/ prepared cd. v/s Sr. Maldonado, Coor \* dinador. (Berg-MA). XEQM 6105 postcard rcvd. after 4 f/up rpts. v/s Robert Dominguez Avila, Relaciones Publicas. (Berg-MA). XEU 6020 ltr. w/ pennant via Don Moore who visited the station. v/s Elvia Casarin Gil, Sub Gerente Administrativo. (Berg-MA). XEQK 9555 ltr. in EG in 25 ds. for a SP rpt. and ms. v/s Guillermo Morales Nunez, Director General. (Wilkins-CO).

**MONACO:** Trans World Radio 7160 f/d cd. w/ pennant in 30 ds. for 1 IRC. (Dye-AR).

**MOROCCO:** Radiodiffusion Television Marocaine 17595 f/d "Map" cd. in 63 ds. for 3 IRCs. v/s J. Tanane, La Directeur Technique. (Green-TN).

**NAMIBIA:** Radio SWA 3295 f/d cd. in 21 ds. for 2 IRCs. (Cassidy-IN).

**NEPAL:** Radio Nepal 5005 f/d

\* cd. in 166 ds. for 2 IRCs. (Barrera-ARG).

**NEW CALEDONIA:** Adventist World

\* Radio 7170 f/d cd. in 6 wks. for 3 IRCs. (Craighead-KS).

\* RFO 7170 new style n/d cd. in 74 ds. for a FR rpt. and 2 IRCs. (Hosmer-MI).

**NEWFOUNDLAND:** CKZN 6160 f/d cd. w/ sticker in 1 mo. (D'Angelo)

**NEW ZEALAND:** Radio New Zealand 17705 f/d cd. in 16 ds. (Talbot-ALB).

QSL REPORT FORMS ARE AVAILABLE FROM YOUR EDITOR FOR AN SASE.



via Tom Gavaras



*Raad voor de Bevrijding van Suriname*

THIS CONFIRMS RECEIPT OF RADIO 'FRIE SRANAN',  
TRANSMITTING ON A FREQUENCY OF 6850 KILOHERTZ.  
THE STATION WAS HEARD ON OCTOBER 23, 1983 FROM  
01.01 - 01.31 GREENWICH MEAN TIME.

NOTES: Received a very nice letter from Nolan Stephany who has just celebrated his 16 birthday! For his birthday the mailman brought QSLs from RIAS, Lesotho and Lebanon. Not too bad! Charlie Foxx informs us that the former Director of Radio Mogadishu is attending Princeton University on a scholarship. Mark Warner in Australia just finished a 10 day DXpedition to Queensland and logged many Pacific MW stations. Bill Fulton of Houston, TX states that the USPO told him that IRCs are not accepted in South Africa. Radio RSA can't use them - save your money folks! Ron Howard prefers using his SB-310 instead of his standby HQ-180A. After 11 years one gets use to a certain receiver. Thank you for the kind words Ron...Sam. Al Merrill of Oakland, ME sent us his first report. He is 65 years young! Whats wrong with the rest of our youngsters?...Sam. Also thank you for the very nice letters from Dave Valko, Chris Lobdell and Don Hosmer...Sam.

**Radio Rio Amazonas**  
LA VOZ DE LA SELVA AMAZONICA

4870 MHZ 60 METROS ONDA CORTA 5000 V

MACUMA  
EL CORAZON DE LA  
JUNGLA DE LEQUADOR  
FEBRERO 12-1962

MACAS  
LA ESMERALDA  
ORIENTAL  
MAYO 19-1977

PUYO  
EL JARDIN  
AMAZONICO  
SEPT. 19  
1978

ECUADOR

NICARAGUA: Radio Zinca 6120 f/d prepared cd. in 5 mo. for a SP rpt. and 1 IRC. v/s Arturo Valdez R. (Konen-WI).

NIGERIA: FRGN 4932 Iiede Town n/d ltr. in 75 ds. for \* 2 IRCs. v/s K.C. Okafor, General Manager. (Konen-WI).

NORWAY: Radio Norway International 15175 f/d cd. w/ sticker in 23 ds. v/s E. Thokle. (Dye-AR).

PAPUA NEW GUINEA: NBC 4890 f/d cd. in 47 ds. for 2 IRCs v/s Thomas Aiyé. (Summers-PA).

PARAGUAY: Radio Nacional 9735 p/d ltr. in 34 ds. for a SP rpt. v/s Carlos Montaner, (Tutak-NJ).

PERU: Radio Concordia 9580 long form ltr. w/ prepared cd. and \* a key chain in 3 mo. for a SP rpt. v/s Victor Fernandez

\* Bustinza, Gerente (Berg-MA). Radio Moderna 6364 ltr. w/ prepared cd. via registered mail in 1 mo. for a SP rpt. v/s Porfirio Centurion Tapia. (Berg-MA). f/d cd. w/ ltr. in 26 ds. for a

\* SP rpt. and ms. (Konen-WI). Radio Selva 7307 f/d prepared cd. in 6 \* mo. for a SP rpt. and ms. v/s Hernando Rojas E. (Lazarus-LA). Radio

Nor Peruana 9655 p/d ltr. via registered mail in 1 mo. for a SP rpt. v/s Augusto Garcia. (Huniwell-NJ). Radio La Cronica 9520 f/d personal

ltr. w/ prepared cd. in 11 mo. for a SP rpt. and ms. v/s Jaime Diaz Orihuela, Administrador. (Lazarus-LA). Radio Moyobamba 5015 f/d prepared

\* cd. in 4 yrs! after 11 f/up rpts. for ms. (Lazarus-LA). Ondas del Titicaca 4920 f/d ltr. w/ pennant in 4 mo. for a SP rpt. (Lobdell-MA).

PHILIPPINES: DUH2 6170 short veri ltr. from Jose Borroneo, Broadcast Operation Officer. (Berg-MA).

PORTUGAL: Radio Renascenca 11730 f/d "Logo" cd. in 51 ds. for a PT rpt. and 2 IRCs. (Cones-VA).

QATAR: QBS 17910 f/d "Logo" cd. w/ sticker in 106 ds. for 2 IRCs. (Dillaman-OH).

RIO MUNI: Radio Nacional - Bata 4926 f/d \* cd. w/ personal ltr. in 43 ds. for a SP rpt. v/s Agustin Edu Esono. (Reinstein-FL).

RWANDA: Deutsche Welle 11860 f/d cd. in 60 ds. SAIPAN: KYOI 11900 f/d "Logo" cd. (Horn-TX).

in 181 ds. for ms. v/s Mark Grizzard. (Cassidy)

SARAWAK: Radio TV Malaysia Sarawak 5005 via Sibu f/d cd. in 55 ds. for 2 IRCs. (Konen-WI).

SAUDI ARABIA: BSKSA 9870 f/d "Logo" cd. in 32 ds. via registered mail for an AR rpt. v/s Ali M. Al-Babtain. (Dillon-PA).

SCOTLAND: Radio Freedom International 15040 very \* nice f/d cd. in 1 mo. My report was read on their mailbag pgm. 30 watts! (Berg-MA).

SICILY: RAI 7175 via Caltanissetta f/d "Carlo Carra Art" cd. in 97 ds. for 1 IRC. (Konen-WI).

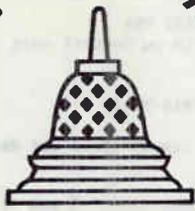
SINGAPORE: BEC 3915 n/d cd. in 3 mo. (Moore-HOND).

SOLOMON ISLANDS: SIBC 9545 f/d cd. in 27 ds. for 3 IRCs. (Oborny-NM).

RRI STASION REG. I

**MATARAM**

SERVICE OF RADIO INDONESIA  
 THE OVERSEAS



**SOUTH AFRICA:** Radio RSA 11730 f/d cd. in 18 ds. for 1 IRC. (Freeborn-ND). Radio Truro 6155 f/d cd. in 210 ds. for 1 IRC. v/s Derek Shaw, Technical Director. (Witte-CA)...Swaziland?  
**SPAIN:** Radio Liberty 11915 p/d cd. in 1 wk. (Craighead-KS).  
**SUMATRA:** RRI Jambi 4927 ltr. w/ prepared cd. after 8 f/up \* rpts. in IN v/s Syair Siak, Kepala Stasiun. (Berg-MA).  
**SWEDEN:** Radio Sweden 17860 f/d "Logo" cd. in 15 ds. (Gur-SWITZERLAND: Swiss Radio International 17850 ley-TX). f/d cd. in 23 ds. (Gurley-TX).  
**TAHITI:** Adventist World Radio 9750 f/d cd. in 6 wks. for \* 3 IRCs. (Craighead-KS).  
**TANZANIA:** Radio Tanzania 9750 f/d "Map" cd. in 44 ds. for 3 IRCs. v/s E. M. Fqui. (Green-IN).  
**TIBET:** Xinjang PBS 9490 f/d cd. via Beijing in 1 mo. w/ pennant and sticker. (Swaringen-NC).  
**TRANSKEI (South Africa):** Capital Radio "Presenters" cd. in 4 mo. (Berg-MA).  
**TURKEY:** Voice of Turkey 9560 f/d "Ephesus Izmir" cd. w/ pennant and sticker in 31 ds. for 1 IRC. (Oborny-NM).  
**UGANDA:** Radio Uganda 15250 f/d cd. in 508 ds. for a FR rpt. and 3 IRCs. (Barrera-ARG).  
**UKRAINIAN SSR:** Radio Moscow 17810 via Simferopol f/d "Red Square" cd. in 47 ds. (Dillon-PA).  
**UNITED ARAB EMIRATES:** UAE Radio Dubai 15300 f/d "Map/Logo" cd. w/ pennant in 29 ds. (Talbot-ALB).  
**UPPER VOLTA:** RTV 4815 p/d form ltr. in 40 ds. for a FR rpt. and 2 IRCs. (Forth-IL).  
**URUGUAY:** La Voz de Artigas 4945 p/d cd. w/ pennant in 27 ds. \* for a SP rpt. v/s Luis Murillo M. (Barrera-ARG).  
**USA:** WRNO 7355 f/d cd. in 25 ds. (Merrill-ME). Voice of Free China 5985 via WYFR f/d cd. in 30 ds. for 2 IRCs. (Smith).  
**USA (Pirate):** Radio Free Insanity 7432 p/d "Logo" cd. w/ personal ltr. in 1 mo. for ms. v/s \* Electric Buddha. (Valko-PA). KORP 15050 f/d cd. in 24 ds. 50 watters. (Valko-PA). Voice of Laryngitis 15049.3 f/d photo of man with call/slogan written on adhesive tape over his \* mouth! in 24 ds. (Valko-PA). Radio Claudestine 7390 ltr. in 109 ds. (Rigas-IL). Radio USA 7420 f/d ltr. in 1 mo. for ms. (Swaringen-NC).  
**UZBEK SSR:** Radio Tashkent 9600 f/d cd. in 59 ds. (Paszkiewicz-WI).  
**VATICAN:** Radio Vatican 6015 f/d cd. in 3 1/2 mo. (Moore-HOND).  
**VENEZUELA:** Radio Lara 4800 f/d cd. in only 1239 ds! for a SP rpt. and ms. (Barrera-ARG). \* Radio Turismo 6180 p/d cd. in 50 ds. for a SP rpt. and ms. (Plum-NJ). Catatumbo Internacional 9620 f/d prepared cd. w/ ltr. in 10 mo. for a SP rpt. and ms. v/s Gerardo Nava Pulgar. (Lazarus-LA). Radio Occidente 3225 personal ltr. in 55 ds. for a SP rpt. v/s Berta Fuente A., Secretaria. (Warner-AUST).  
**VIETNAM:** Voice of Vietnam 15010 f/d folder cd. in 185 ds. for 2 IRCs. (Summers-PA).  
**WEST BERLIN:** RIAS 6005 f/d cd. in 45 ds. for 2 IRCs. (Cobb-ME).  
**YEMEN ARAB REPUBLIC:** Radio San'a 9780 f/d ltr. in 142 ds. for 2 IRCs. (Tutak-NJ).  
**ZAIRE:** Radio CANDIP 5066 very nice f/d ltr. v/s J. Cailloux. (Berg-MA). (Laskowski-IN).  
**ZAMBIA:** Zambia Broadcasting Service 4911 f/d cd. in 31 ds. for 2 IRCs. v/s Peter Musaba.  
**ZANZIBAR:** Radio Zanzibar 3339 f/d personal ltr. in 23 ds. for 3 IRCs. v/s Mrs. Tatu A. \* Abdalla, Director of Information. (Fye-FL).

Not too bad this month with @119 countries being reported, Excellent QSLs from Bhutan, Rio Muni, Bali, Comoros, Honduras, Ecuador, Peru, Scotland, Uruguay, Zanzibar and others. Very special Column will be appearing in the pages of FRENDX next month. Till next time....



**VERIFICATION CARD**

We gratefully acknowledge your reception report of our Station "RRI Nusantara I Medan" on

Frequency : 3414 kHz

date : 11th Nov, 1976

Time : 11.58-12.06

west Indonesia Time  
RRI Nusantara I Medan

Station Chief →

73e

Pro Mr, Ssmu  
Connecticut



**RRI NUSANTARA I MEDAN**  
NHP 050012981

# update

April 1984\*\*\*Number 160

Tom Allemen  
636 E. 74th Terr.  
Kansas City, MO 64131 USA  
(816) 523-7292 7-10 pm Central only

UPCOMING DEADLINES: 10 April (Mid-April) 21 April (May) 10 May (Mid-May)

Reproduction permitted. Credit original reporter and MASWA UPDATE. Dates, times and days GMT; freqs kHz.

**BOLIVIA** Radioemisora Dos de Febrero, Rurrenabaque, 5505½, in SP 0031-0105 3-3 and 4; signal eroding toward end of reception. Prgm of romantic ballads, estilo camba, boomy M anncr, moderately good power but nasty static. Tnx Steve Reinstein for tip. Currently being widely heard in Europe. (Ralphus, TX)

**CRAD RNT**, 4909.2, is back on the air. Hrd from 0458 t/in 3-18 w/ balafon IS, anthem, choir, s/on anncmt, then talk about radio. High life mx. All in FR. Good signal and also noted the following night w/ IS beginning 0456. (Karl Forth, IL)+++R. Mondou, 5289, in FR 0511+. Tune in w/ three note IS, talk and light mx to 0517. No ID heard (so should be marked tentative or presumed-tba) weak-fair signal. (Forth, IL 3-18)

**CLANDESTINE** R. 15 del Sept., 5565 // 7050 at 1155 t/in to 1240 on 2-12 w/ usual fare. (Ralphus, TX)+++R. Liberte, 9610, the anti-Baby Doc Duvalier stn. Hrd again 2-12 during 2300 xmsn but not at 2100 check. Weak and QRM'd at first but good power a few minutes into the transmission. Opened w/ anncmt, "Radio Liberte, la voix de..." M and W anncrs in FR and Creole. Closed about 2350, noting: "...la programme de Radio Liberte a fini... nous travaillons deux mens par semaine... 9610 kHz. Final words by group of M: ...jusque la victoire finale." Presumably Haitian NA followed. Later hearing them every Sunday at \*2100 and \*2300. Think the group behind it is something like "Regroupment des Democratres Nationaux Progressistes," R.D.N.P. A contact tells me he's heard of such an organization based in Caracas. Adress for reports anyone? (Ralphus, TX)

**COLOMBIA** Ondas del Darien, 4381, harmonic, as identified by David Potter. He's right. Noted in // to SW fundamental 6085 1100-1145 on 2-14. (Ralphus)

**EQUADOR** Ondas Asuayas, 4981, in SP 1040-1100. Dgued pasillos, organ selections, duetas HC and very nice signal on local Saturday am when no QRM from the TV on 4980. Orch fanfare 1059, talkover by M, mentions "...en Ondas Asuayas, cauro mil..." Then into ads. (Ralphus, TX)

**GABON** Africa No. One, 11940, in FR 2209-2250\* on 2-20 w/ mix of Afro rock, sentimental FR ballads, some Cuban influenced salsa etc. Fabulous signal for just plain armchair listening. (Ralphus, TX)

**INDONESIA** From Bill Sparks in California, the following Indonesian news of interest to all:

**RRI Menado** is being heard back on its old 49 mb freq of 5987.5. Noted both 3-16 and 3-17 between 0900 and 1020 s/off. Prgm on Indo pops, into AR style mx and short call to prayers. ID 0959 then an off air nx reley // 3215. After end of nx reley, 5987.5 pulled plug w/ no s/off anncmt. 3215 continued. 5987.5 very strong and clear.

**RRI Unung Pandang** heard on both 3-16 and 17 using 4753 instead of usual 4719.

**RPDT2 Bulungan**, 2977, on 3-16 at 1125 w/ lagu hiburan (easy listening mx). Anncmt by soft spoken W. Nx by M 1130. QRM from a latin UTE.

**RRI Pontianak**, 3995, noted 3-16 at 1140 coming in over the USSR stns w/ traditional Indonesian lagu. Nice signal.

**RRI Sorong** is the Indo that has moved to 4797. A definite ID noted 3-16 at the end of Jakarta nx reley at 1220. Very poor modulation and RTTY QRM.

(All from Bill Sparks, CA)

**JAPAN** FEN Tokyo, 6155, in EG 1159 very strong. ID by W, pips and into AFRTS mx. (Ralphus)

**LAOS** Along w/ QSL from Lao National Radio for Xieng Khouang, they sent their official regional schedule: 4285 (1 kw) Viengxay 1000-1115; 4653 (1 kw) Houaphanh 2300-0100, 0330-0530, 1000-1155 and 1255-1425; 5600 Xieng Khouang 2300-0100, 1000-1400; 6130 (10kw) Vientiane 2200-0230, 0400-0700, 0900-1600; 6587 (1 kw) Pakse 2300-0200, 0400-0600, 1000-1400; 6997 (1 kw) Luang Prabang 2300-0200, 0400-0600, 1000-1400; 6700 Xieng Khouang (1 kw) 2300-0100, 0400-0600, 1000-1400; 7145 Vientiane 2200-0230, 0400-0700, 0900-1600; 7385 (3 kw) Savannakhet, 2230-0100, 0430-0600, 1100-1400. (Ralphus, TX)

**LESOTHO** (?) Tentative BBC Lesotho relay, 9515, as reported by Cunningham in FT. Xmtcr comes on around 0357 w/ bells, then M at 0359: "This is the BBC Atlantic Relay Stn b'casting to Africa on 7105 and 6085. We now join the BBC WS for the nx." A fair and very fluttery signal fading way down by 0430. Seems very probable an off-air relay of Ascension originated transmission. (Ralphus, TX)

**PERU** R. El Sol de los Andes, 4254½, beat out the UTE one day 0345-0414\* sudden sign off w/o NA. Fairly good power but still severe utility QRM. The monster CW ute which usually brackets this one + 3-4 kHz was absent allowing reception. Prgm was a pleasant mix of northern Peruvian folklorico (though not serranitos) and also HC pasillos. W anncr w/ sharp voice, distinctive and easily recognizable from descriptions. Many IDs. Long winded closing anncmt 0413, not well copyable and suddenly gone. Tnx again, Juan Carlos. (Ralphus, TX)+++

R. Tarma, 4775, in SP 1009-24 w/ dance band mx (e.g., Don Nadardo), campo-pops, etc. At first was mystified as to identity, but finally OM cleared it up at 1024: "Las 5-25 minutos en... Amanecer de Radio Tarma." Early as usually \*1100. Fair sig, bad het. (Ralphus)--- Same 3-10 in SP 1047 w/ wide variety of mx, IDs and TCs. Also ads. Poor (Karl Forth, IL) +++R. Chinchaycocha, 4860, in SP \*1045 w/ fair power, NA, Theme from Moulin Rouge and M w/ canned opening ID over theme. (Ralphus, TX)+++R. Libertad de Trujillo, 4910.8. Quite a surprise to hear this one reactivated on nominal 4910 after decades of inactivity. Listed in mid-60s WRTBs!!!!(1200-0500 in my 1968 WRTB. tba) First noted 1111-43 on 2-18 then 0318-0327 2-20 and 1056-1125 on same day when finally got a full ID. (Could tell it was a Radio Libertad before, but just that, not site.) Seemed to just crank up the modulation at 1056-1100 rather than just sign on, evidently joining a MW xmttr already operating. Prgm in the morning is the really funky Peruvian campo mx. One morning had W anncr who ran newshorts mixed w/ folkloric discs and gave anncnts abt weekend local markets in Peru. Next morning had M anncr and his IDs were complete and easily readable as "Radio Libertad de Trujillo." One canned ID, en eco, hrd every ten minutes or so, goes: "Radio Libertad, la voz del pueblo, una nueva radio, la mejor, en onda larga y onda corta al todo el pais, el mas servicio al todo al Peru." Not heard in an in a week now, and today hrd Em. Gran Colombia blasting in on 4911. Evenings usually show freq covered by Mosquitia and others. Beware. Also one frequently repeated ad string, mentions that unknown product "es mas economico...en todo el Peru." (Ralphus, TX)+++R. Cult. Amauta, 4955, in SP 1016 w/ anthem, s/on, instr mx, fair. (Forth, IL 3-3)+++R. Acobamba, 5324.8, finally heard this nice catch, thanks to help from Juan Carlos Codina. Had been watching the freq nearly daily for \*1100 but neve a peep until 2-23 when noted fair sig at 1116 t/in after nothing there at 1100. Signal held up till 1135 fade. Next morning noted carrier on 1113 and prgm abruptly starting 1115 w/ musica del campo and TC/IDs a la: "Son las 6 de la manana y 27 minutos en Radio Acobamba." Noted already on the air at 1102 check Saturday 2-25 w/ nice signal, which would be expected the earlier one can get the signal. Despite the earlier Saturday s/on, I believe the normal weekday s/on is \*1115-30v not 1100 on a daily basis. Programming is neat, w/ rustic huaynos with accordians, plucked acoustic guitar, etc. And occasional yells of "A-co-BAM-ba" over the middle of songs by enthusiastic anncr. (Ralphus, TX)+++R. Oriente, 6188.5, in SP 1034 w/ anthem, s/on anncr, vocal mx, good sig. (Forth, IL 3-9)+++R. La Cronica, 9519.8, in SP 1200 w/ xcast by dual anncrs reporting Andropov death, gasoline supplies in Lima, eco IDs and frequent TCs. (Ralphus, TX)

USSR Presumably another Siberian MW harmonic heard on 3780 (3x1260? tba) on 3/16 at 1150 w/ RMHS relay // 4030. (Sparks, CA)

VENEZUELA R. Capital, 4850, reactivated after a few years' absence, huge signal 3-3 1008-1105 fadebut no ID during long program about "desarrollo de agropecuario," ads for Banco Union (su banco de confianza). Clear ID noted 0015 3-4. (Ralphus, TX) ---Same 1030 3-3 w/ many ads, US and YV pop mx, TCs, one "Capital" mentioned but have yet to hear a formal ID. Also noted a few other mornings and evenings w/ same format. (Forth, IL 3-3)

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 In the feature section this month, Hiteshi Miyashita in Japan provides us with updates on several b'casters:  
 \*\*\*\*\*

IRAQ//BSRI: There have been many recent changes at BSRI and the following is the entire list of freqs and times I can hear:

6100, \*1555-1700\*, Kurdish; 7240v, 1530-1900, AR; 9635, 1600-1930\* AR; 9745, to 1530v in Turkish and \*1600-2100+ in AR; 11700, \*1600-1730\*, AR; 15400, 0400-0600\* AR.

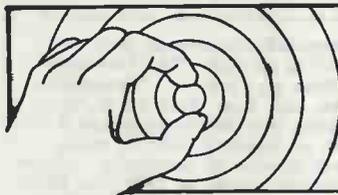
Other freqs, such as 11935, cannot presently be heard at all here. All AR Service prgms begin with the same ID: "Sawt al'Jamahir, win Baghdad." 9635, 9745 and 11700 are ordinarily // and use a kanun (phonetic) for their IS. This is an instrument similar in sound to that used on VoUAE. 7240 is not // and seems to be irregular. In fact it has not been heard here since late February. Believe 9635, 9745 and 11700 are Foreign Service b'casts. Nothing can be said about 15400 from the perspective because there is nothing to compare it against. According to SCDX, 3129 is also being used and an UNID can be heard here around 1800 on about 3130. No luck yet. 6100 is generally clear and strong but the language is beyond me. Easy clue in IDing these is "hussain March at beginning of each xman.

\*\*\*\*\*  
 SINGAPORE//SBC: Now heard on 7165 w/ Tamil to 1300 and GR thereafter to 1600\*. And have also been hearing this on // 7279 and cannot yet determine whether the higher freq is intentional or a spurious emission.

\*\*\*\*\*  
 Out of space for this edition, I'm afraid. More from Hiteshi and Juan Carlos Codina next time. Hope to see your name in there too!!!!

Best 73,

*TRD*



# LOG REPORT

## section A

2000 to 4899 kHz

Editor: Mike Nikolich, 2137 West Farwell Ave., Chicago, IL 60645

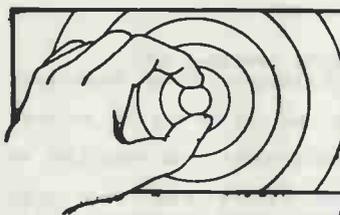
Logs were rather light this month. I was able to include almost everything that was sent to me. Although Jerry Berg will probably have info on it, Chad has returned to 4904 kHz at 0430 s/on. Karl Forth was the first in Chicago to hear it and says that it's pretty regular. In addition, Venezuela's R. Capital has returned to 4850 kHz and is being widely heard.

- \*\*\*\*\*
- 2350 SAUDI ARABIA, BSKSA; 0245, AR, OM, in here w/some tx, into Islamic chanting (Bolland 3/6)
  - 2390 MEXICO, R. Huayacocotla; 0045, Mexican nx about Rev. Workers Party by OM, ID at 0105 (Dickson 2/16)
  - 2500 UNITED KINGDOM, MSF; 0130, time ticks w/CW ID (Bolland 2/24)
  - 3160 MEXICO, UNID, pretty strong signal, perhaps a harmonic, 0300-0350\*, disco mx, several mentions of either Chatenango or San Fernando (Dickson 2/6)
  - 3170 CZECHOSLOVAKIA, OLB5; 0255, beeps and elongated minute tone, pretty fair signal, //2500 hrd above WWV (Cobb 2/9)
  - 3200nf LIBYA, LJB; 0346-0430\*, booming in w/strident AR tx by OM, mention "Allah Akhbar" (God is Great) many times. 0354, AR mx to 0405, apparent OM ID "Arabiyah Shabiyah Libiyah...Jamahiriya." Long Qur'an segment to 0430 s/off. Terry Krueger says hrd //17930 at 2315 (Reinstein 3/11)
  - 3305 BRAZIL, R. Ribeirao Preto; 0040, PT, soccer game in progress (Bolland 2/24)
  - 3212 MOZAMBIQUE, RM; 0316, PT, mixed mx to 0330 w/TC and ID as "Emissao Nacional," lcl px til 0345 w/mixed mx again, peaked at 0338-0345 (Forsgren 2/8); 1735, US pop (Wood, Saudi Arabia 2/15); \*0253, PT, IS on xylophone-like inst., multi-lingual IDs, including EG, into nx (Cunningham 2/15)
  - 3222 TOGO, RTVT/Lama-Kara; 2255, 2303\*, FR mx until the hour, then nx, followed by NA (Bolland 2/19)
  - 3225 VENEZUELA, R. Occidente; 0205, lively LA mx, very strong signal for my area (Dickson 2/25)
  - 3230 SOUTH AFRICA, RSA; 0314, EG, DX px til 0317, ID (Bolland 2/26); 0330, EG, px on witchcraft in Africa (Dillon 3/2);
  - 3240 PERU, R. America; 1108, SP, OM w/mx px (Bolland 2/25)
  - 3245 UNID, 2313, OM w/lang, some mood mx, similar to the type from Namibia, faded by 2340 (Bolland 2/26)
  - 3250 HONDURAS, R. Luz y Vida; 0210, SP, mx "Oh Little Town of Bethlehem" IDs (Cassidy 2/10); 0435, SP, EZL mx (Dillon 3/1); 0158, ID 2X at 0200 (Forsgren 2/9)
  - 3250 SOUTH AFRICA, R. Five; 0403, EG, rock mx, ad for Chesterfield cigs, DJ chatter (D'Angelo 2/11)
  - 3260 ECUADOR, LV del Rio Carrizal; 0314, nice folk mx w/a chorus singing along, OM, ID and NA to 0323 and s/off (Johnson 2/24)
  - 3275 VENEZUELA, R. Mara; 0115, SP, EZL mx, old favorites, LA mx, ID at 0130 (Dickson 2/4); 0320, upbeat LA mx, OM w/station promos, ID and anmts (Jordan 2/5); 0201, EZL vocals at 0201 (Jones 2/18); 0307, SP, dramatic ID Beethoven's 5th (D'Angelo 2/12); 0130 (Weinhold 2/5)
  - 3285 BELIZE, RB; 0100, nx, mx, IDs in EG (Weinhold 2/5)
  - 3287.6 MADAGASCAR, RTM; 0300, flute tune, brief tx by YL, plucked guitar tune and possible ID, best in LSB to avoid UTE mess (Reinstein 3/4)
  - 3295 NAMIBIA, RSWA; 0135, EZL mx and oldies, ID in EG at 0146 (Dickson 2/4); 0153, ID at 0200, back to mx (Bolland 2/17); 0245, EG, OM w/ID and varied pop mx (Bobb 2/8); 1735, AK tx on city growth (Wood 2/15)
  - 3309 PERU, R. Bagua; 1031, SP, mx followed by ID, plenty of QRM to make this one difficult (Bolland 3/2)
  - 3315 ECUADOR, R. Pastaza; 0230, SP, LA mx, tx, ads, EZL mx (Dickson 2/8); 1115, SP mx (Bolland 2/24)
  - 3324 ECUADOR, Ondas Quevedenas; 1117, in here w/possible ID as

- "escuchemos la Voz de Ondas Quevedenas," followed by flute mx TCs for -6 GMT (Bolland 2/10)
- 3335 BRAZIL, R. Alvorada; 0207, PT, OM w/mx, lots of QRM but Alvorada was audible (Bolland 2/17)
- 3339t ZANZIBAR, RTZ; 0347-0405, poor level w/highlife mx and OM and YL hosts, ID tough to decipher so tent (Nikolich 3/7)
- 3355t ANGOLA, R. Nacional; 2330, EG/PT, EZL mx, //5028, poor on 90 meter, worse in 60, knocked out at 2350 (Mosman 2/22)
- 3360 GUATEMALA, LV de Nahuala; SP/IN, 0140, inst. and marimba mx, ID (Forth 2/22); 0300, SP, marimba mx, ID at 0306 (Dickson)
- 3375 BRAZIL, R. Nal. Sao Gabriel; 1009, PT, fair w/local mx, TCs and ID (Rigas 3/4)
- 3380 MALAWI, MBC; 1730, EG ads for "Box 147, Lilongwe", pop mx (Wood, Saudi Arabia 2/15)
- 3381 ECUADOR, R. Iris; 0315, mostly laid back ballds, nice vocals and guitar, improved slightly past 0340 but still much QRM and QRM (Jordan 2/5); 0328, mx, ID and jingles (Johnson 2/24)
- 3395 ECUADOR, R. Zaracay; 0348, SP, OM into impassioned ballad backed by nice guitar work, ID (Jordan 2/5)
- 3672 CLANDESTINE, R. Venceremos; 0243, SP, tx by OM/YL, inst mx, ID at 0246 (Alexander 2/19)
- 3905 INDIA, AIR/Delhi; 1800, AR ID, //9912 (Wood 2/15); 1945, AR, s/of w/ID (Schulze, FRG 1/27)
- 3910 JAPAN, FEN; 1102, EG OM w/nx at 1105, poor sig (Bolland 3/3)
- 3925 INDIA, AIR; \*1730, EG ID, "This is AIR giving you the nx" QRM de NSB (Wood 2/15)
- 3925 JAPAN, NSB/Tokyo; 1925, JP, YL tx, some mx, f/out at 1945 (Schulze 1/27)
- 3930 TRANSKEI, Capital Radio; 0418, EG, pop mx and ad for cntest w/Nissan cars as grand prize, wx report w/surfing condx (McLemore 2/29)\*I can never keep them in long enough to great details like that. mln.
- 3970 CAMEROON, R. Buea; pleased to note this one at 0440 w/soft OM tx in lang, not //4000, first time for me (Nikolich 3/8)
- 3999t GREENLAND, Gronlands Radio; possibly the one w/OM tx in UNID lang for 10 minutes, lost in noise (Field 2/25)
- 4000 CAMEROON, R. Bafoussam; 0444, OM tx in Afro vernac, very beautiful chorals, ARO slop (Nikolich 3/8)
- 4380 CHINA, PLA/Fuzhou; 1237, CH, local vocals (Rigas 2/26)
- 4450 AFGHANISTAN/USSR, RA; 0147, two OMs, //4740 (Bolland 2/19)
- 4485 USSR, Petropavlovsk/Kamchatsky; 1021, RS OM/YL, some tx, some mx (Bolland 2/18)
- 4656 ECUADOR, C.R.E.; 0115, SP, EZL LA mx, ballads, organs, etc (Dickson 2/17); 0225, very strong (Hankins 2/7)
- 4719 INDONESIA, RRI/Ujung Pandang; 1140, IN, OM until 1151, then brief nx and more comments (Bolland 2/25)
- 4740 AFGHANISTAN, RA; 0144, lang w/tx (Bolland 2/19)
- 4755 BRAZIL, R. Dif. do Maranhao; 0133, PT OM, pop mx followed by ID (Bolland 2/24); 0200, sporting event, distorted audio (Dickson 3/1)
- 4765 CUBA, Mayak; 0920, RS, Andropov funeral coverage, //5015 (Park, Hawaii 2/14); USSR 2nd Domestic Svc, 1210, RS, serious classical mx, later announced death of Yuri Andropov (Rigas 2/10)
- 4772 CLANDESTINE(SOUTH AFRICA?), A Voz de Resistencia Nacional Mocambicana; 1750, non-stop Swahili Bantu lang, anti-FRELIMO tx, ID, Afro mx, 1808\* (Wood 2/15)
- 4770 NIGERIA, FRCN/Kaduna; 1740, amusingly folksy EG PSA for road safety, "If you are involved in an accident on the road, do not run away. Stay there and pick up the pieces. Obtain evidence from bystanders. Remember: No vehicle is a bad vehicle. It all depends on the handling." Into U.S. rockabilly mx (Wood 2/15); 0440, disco and rock mx, ID by OM (Dillon 3/2)
- 4770 VENEZUELA, R. Mundial Bolivar; 1100, SP ID, tx by OM, LA mx, ID (Trotto 2/8); 0145, SP, EZL mx and ads, birthday dedications (Dickson 2/17); 0240, lottery results (Schulze)
- 4775 PERU, R. Tarma; 1011, huaynos plus tx, TCs and occasional IDs by OM, several promos and jingles, too. IDs were given as "R. Tarma del Peru", others as "R. Tarma"(Cunningham 3/3)
- 4780 DJIBOUTI, R. Djibouti; 0314, Koran, AR tx (Schulze 2/4)\*\*How

- about a few more details on a catch like this! Still not showing up well in Chicago area. mln.
- 4780 VENEZUELA, LV de Carabobo; 0200, SP, mx px w/many IDs and mentions of Valencia (Forsgren 2/19); 2330, ads (Weinhold 2/6); 1009, SP, mx, ad strings, many mentions of Valencia, ID at 1033, nx immediately after (Niekamp 2/18); 0200, mx and ads (Dickson 2/14)
- 4785 AZERBAIJAN S.S.R., Baku; 0203, RS, contiuous Slavik-type mx, ID at 0302 as Moscow, //4810 (Bolland 2/26); \*0159, IS, 0200 ID, "Danishyr Baku," bells followed by six gongs, into national and regional anthems, probable nx (D'Angleo 2/26)
- 4792 ECUADOR, Sis. de Em Atalaya; 1209, SP, OM w/nx, no ments of any country or city, ID 1209, remarkable sig (Park 2/16); 1055, tx by OM, ads, jingles, electronic sfx, ID at 1101 followed by trumpet fanfare (Alexander 3/4)
- 4795 CAMEROON, R. Douala; 2200, tx by OM (Weinhold 2/8)
- 4795 ECUADOR, LV de los Caras; 0125, SP, tune-in to possible nx, ID at 0129, TC, LA mx at 0130 (Alexander 2/9); 0008, mention of Ecuador in ad, ID at 0015 (Lausevich 2/15); 1002, anmt about public transportation (Niekamp 2/18); 0135, nice mix of LA pop and ballads, EZL and folk mx (Jordan 3/3)
- 4799.6 ECUADOR, R. Popular; 0745, SP, anmts, ID, mx (Alexander)
- 4803.6 BOLIVIA, R. Santa Ana; 0126, rustic-sounding mx, some almost Caribbean in flavor, tight segue w/IDs and promos at 0131 and 0151, "...primera en potencia, primera en sintonia... Santa Ana...la Radio..." (Sheedy 2/15); presumed at 2330 w/reverb ads, relg mx (Bolland 3/1)
- 4804 KENYA, VoK; 1600, ID in EG, nx (Wood 2/9)
- 4807 SAO TOME E PRINCIPE, R. Nacional; pop mx including Lionel Richie tune, big gong at 2300:12, ID and NA (Laskowski 2/5); 2250, pop vocals, 2300 gong and 2302\* (D'Angelo 2/9)
- 4810 ARMENIAN S.S.R., Yerevan; 0400, RS, nx by OM/YL at top of the hour, ID, general tx by YL and inst (D'Angelo 2/25); 0324, piano mx for wake-up exercise px, YL drill sergeant barking out numbers in RS, clear sig (Reinstein 3/11); 0340, OM and YL tx, //4785 (Bolland)
- 4810 GABON, Africa No. 1; 2150, FR pops (Weinhold 2/8); 0501, sx by OM, anmts, into hlife and pop (Tutak 3/7); 2100, OM DJ between Afro tunes (Dillon 3/1); 0650 (McKellar, Weber)
- 4810 PERU, R. San Martin; 0115, traditional mx followed by relg svc at 0419 w/hymns and mentions of Christ (Johnson 2/19)
- 4810 VENEZUELA, R. Popular; 0156, SP, ID, accordian mx, ad for bank and TC (McLemore 3/6)
- 4815 BRAZIL, R. Nac. de Tabatinga; 1049, PT OM, mx followed by full ID and ads (Bolland 3/1)
- 4815 COLOMBIA, R. Guatepuri; 0030, SP OM w/nx and full ID at 0038 as "Esta es R. Guatepuri, Colombia" (Bolland 2/22)
- 4820 HONDURAS, HRVC; 0102, SP, VoA nx w/lcl stn breaks and TCs (Niekamp 2/11)\*\*Hankins, this is probably your UNID at 0242. 0232, SP w/classical mx and ID (Bobb 2/11); 0314 (Forsgren)
- 4825 COSTA RICA, R. Columbia; 0250, LA pops, M/F vocals, many enthusiastic IDs, artist intros (Jordan 2/5); 0420, ID, "Columbia, Columbia, Columbia" (Dillon 3/1)
- 4825 PERU, La Voz de la Selva; \*1000, SP, detailed s/on anmts, many IDs, dramatic px (Niekamp 3/3); 1001, end of NA, s/on anmts, gave freqs (Johnson 3/3)
- 4830 VENEZUELA, R. Tachira; ID at 0225, romantic LA mx (Dickson)
- 4832 COSTA RICA, R. Reloj; 0815, LA mx (McKellar 2/16); 0300, LA pops, TCs, loud and clear (Dickson 2/20); EZL mx, IDs, nx by YL, TC by OM, ads and LA mx (Dillon 3/2)
- 4835 GUATEMALA, R. Tezulutlan; 0210, SP, tx and marimba mx, suddenly off at 0236:30 (Dickson 2/15); 1155 (Niekamp 2/18) 0120, SP, marimbas w/one break at 0132 (Forsgren 2/19)
- 4835 SOUTH AFRICA, RSA; 0400, EG, px in EG with subjects ranging from wild life stocking to grazing (Hankins 2/13); 0405, EG, farm tx, ID at 0430 (Dillon 2/13)
- 4840 VENEZUELA, R. Valera; 0330, SP, LA mx, ID and NA at 0358, s/off at 0359 (Dickson 2/18); 0338, ID 0355 (Jones 2/17)
- 4845 BRAZIL, R. Nal Manaus; 0150, PT, just caught ID at s/off at 0154 too abrupt to be a f/out (Dickson 2/6); 0215\*, rapid tx ID and promo, brief mx and off (Jordan 2/8); 0145, Brazilian

- 4845 mx, tx by OM, IDs (Dillon 3/2); 0950 (Bolland 3/5)  
COLOMBIA, R. Bucaramanga; 0318, Christopher Cross tune, weak audio, DJ (McLemore 3/7)
- ~~4848~~ INDONESIA, RRI/Ambon; 1200, IN nx by OM for 13 minutes (Bolland 2/25)
- 4845 MAURITANIA, RM; 2245, mx px until 0001\*, nx from 2300 to 2315 (Field 2/25)
- 4848 BOTSWANA, RB; 0347, Setswana/EG, first time with this IS...great! 0358, NA and opening antms (Forsgren 2/11); 0400, EG and Sets, relg px (Paszkievicz 2/9)\*\*If you think Botswana is loud here, try it on 7295--outstanding signals almost every evening in Chicago! mln.
- 4850 CAMEROON, R. Cameroon/Yaounde; 0536, lcl nx in EG, full ID at 0542 (Lausevich 2/28); great signal 2219 (Weber)
- 4850 VENEZUELA, R. Capital; 0595, Latin pops at t/in, clear ID at 1001, at 1012, Vatican Radio IS and transcribed px from "Radio Vaticana para America Latina. Also noted evenings around 0230. Reactivated after long absence (Cunningham 3/4) Loud and clear at 0531 w/lots of U.S. rock (Niekamp 3/3); NA at 1001, Vatican Radio IS--who will be first to log this as Vatican Radio (Alexander 3/4)\*\*Not me! mln. 0301, LA disco rock, OM DJ shouting "Fiesta en Capital" (Reinstein 3/4)
- ~~4850~~ ECUADOR, R. Luz y Vida; 0130, SP OM w/mx px, full IDs at 0133, ads and nx at 0135 (Lausevich 2/3); mx px of Ecuadorian mx, ID at 1115 (Field 2/18); 0858 (Rigas 3/4)
- 4854 PERU, R. Pampas; fast string mx (very nice), then station ID, antms by OM and more mx 1050 (Johnson 3/3)
- 4855 BRAZIL, R. Por um Mundo Melhor; 2308, OM and YL, perhaps an instructional px, 2329, mx (Bolland 3/1); 0130, sx px and no ID, so "tent" (Field 2/28)
- 4860 PERU, R. Chinchaycocha; \*1048, SP, stumbled into Peruvian NA 1048, poor/fair lvl, opening antms, ID as "Amigos oyentes...muy buenos dias de Radio Chinchaycocha...ciudad de Junin...Radio Chinchaycocha, voz fabulosa ondas radial, una voz del ??? en el sierras de ??, R. Chinchaycocha," into OM tx and quick fade (Cunningham 2/24)
- 4860 USSR, R. Moscow; 0046, EG, NA Svc w/usual propaganda, //7165 and other RM freqs (Alexander 2/9)
- 4862 MOZAMBIQUE, RM; 0254, NA and tx by OM, ID (Johnson 2/24)
- 4865 COLOMBIA, LV del Cinaruco; 0230, SP eZL mx (Dickson 2/14); 0034, OM w/nx, "Esta es La Voz del Cinaruco" CARACOL ID, lively Latin mx (D'Angelo 2/21); 0300, SP, ID w/CARACOL net nx, ad for Banco del Bogota (McLemore 3/3)
- 4870 SRI LANKA, SLBC; 1635, Sinhala? Different folk songs hrd, OM w/tx, UTE QRM 4872 (Park 2/20)
- 4875 COLOMBIA, R. Super; 0405, SP, nx by OM, ads, several IDs (Dickson 2/18)
- 4880 BRAZIL, Rdif. de Acreana; 1041, PT, OM w/mentions of Sao Paulo (Bolland 3/1)
- 4880 SOUTH AFRICA, SABC; 2153, AK, pop mx show w/DJ, slight UTE QRM, clear ID at 2158, s/off 2159 (Gillis 2/15)
- 4885 BRAZIL, R. Clube de Para; 0045, PT, lcl folk songs w/frequent IDs by OM (Prath 2/29)
- 4885 COLOMBIA, Ondas del Meta; 0706, SP, nx, many slogans and IDs, haven't hrd this one in awhile (Niekamp 2/5); 0620, strong signal w/mx px (Field 2/24); 0415, ID at 0420 by DJ, mostly tx and IDs (Jones 2/26)
- ~~4890~~ PAPUA NEW GUINEA, NBC; 1209, pop mx w/OM mentions, CW QRM (Bolland 2/25); 1128, EG OM w/island mx dedication show, NBC nx at 1200 (Cobb 2/24); 1019, EG, phone-in show, ID, U.S. C&W and lite pops, 1100, ID and nx, sx, inspirational reading (Tutak 2/26); 1135, EG, magazine show (Brandt 2/20)
- 4890 ECUADOR, R. Centinela del Sur; 0030, SP mx and ads, nice clear ID at 0033 by YL (Lausevich 2/15)
- 4890 SENEGAL, R. Senegal; 2215, FR tx by OM (Weinhold, 2/8); 2258, Vern, OM tx (Bolland 3/1)
- 4895 SARAWAK, R. Malaysia Sarawak; 1419, YL chants, into chorus, ID, 1500, usual s/off (Sharpe 3/7)\*\*That's all for now. See you next month. Thanks for your great support. CUN30.



# LOG REPORT

## section B

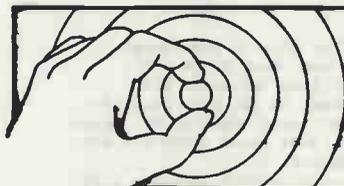
4900 to 6199 kHz

Editor: Jerry Berg, 38 Eastern Avenue, Lexington, MA 02173

- 4905 BRAZIL R. Relocio, M&W talking 0229 2-17, time ticks, ID, poor sig (Bolland-FL).  
4905 BRAZIL R. Araguaia, mx 0115 3-1, ID 0128, first time hrd in the evening (Field-MI); pop song at 0158 3-3, then ID and Brazilian tune (Johnson-TX).  
4910 HONDURAS LV de la Mosquitia, 0120 on 2-10, excited talks, local Indian-sounding mx, also strumming, ID with guitar 0158, also 0200; fair to poor sig (Jordan).  
4910 ZAMBIA Lusaka, vernac. talking 0412 2-20, Afr vocals; fair, fading to 0440 (Cobb).  
4912-5 UNID. Rock mx 0017 2-3, s/off armt, anthem to 0100\*, sometimes 0300\*; maybe Br. (Valko).  
4915 BRAZIL R. Anhanguera, mx 0714 3-3, ID 0717, some commercials, fair (Niekamp-MN); Br. pops 0723 3-5, man anncr, ID arnd 0728, talk about carnival, ads (Sharpe-CA).  
4920 AUSTRALIA ABC-Brisbane, clas.mx to 1156, talk, world nx 1200-1210, 2-23 (Bonnet-IN).  
4920 ECUADOR R. Quito, world nx 0230 2-17, ads; strong (Dickson); fair-good 0400 3-1, Banco Popular ads, mx, "LV de la capital" IDs (Dillon-PA); poor to 0502\* 2-5 (McKellar).  
4930 HAITI 4VER, hymns 0930 2-7, loud and clear (Hankins); hymns 2220 2-8, SP (Weinhold); end of SP prgm 2259 3-4, full ID, into FR nx (Prath-FL).  
4932 NIGERIA Educ. Svc., QSL ltr says site is Ijede, 15 km. from Ikorodu (Konen-WI).  
4934 KENYA Nairobi, Swahili nx 1600, //4914, tho WRTH lists Somali and similar here (Wood-).  
4935 PERU R. Tropical, mx, live ads, 1020 3-1, 1047 3-5; poor sig (Bolland-FL). S.AR).  
4940 IVORY COAST Abidjan, FR talk 2215 2-8, jazz mx 2345 2-6 (Weinhold).  
4945 BOLIVIA R. Ilimiani, 0941, flute mx, TCs, talk by man; poor under Caracol 2-18 (Bolland-).  
4950 CLANDESTINE Voz de Verdade, drum IS 0329, man, xylophone-type mx, sound effects FL). 0334, man talking, but much interference; 2-14 (Johnson-TX).  
4950 PERU R. Madre de Dios, NA 1028 2-20, theme, ID with calls, fqs, date, then talk; into folk mx 1034, some IDs, TCs; fair, no QRM for a change (Cunningham); NA in progress at 1032 2-19, s/on ID, guitar and flute mx, bird chirps, IDs and TCs (Forth).  
4950 SARAWAK Kuching, solemn prgmg on death of minister's wife, 1430 2-27, EG (Sharpe-CA).  
4955 BRAZIL R. Marajoara, 0927-1000 3-4, continuous talk by man, but no ID (Alexander-PA).  
4955 PERU R. Cultural Amauta, NA in progress-1049 2-20, ID 1052, more armts, another ID, into muffed talks; good (Cunningham); tent. 1048-1130 3-14, mensajes, "ID" 1130 (Sheedy-).  
4965 BRAZIL R. Poti, 1005 2-18, man talking, poor and much Rumbos-4970 QRM (Bolland-FL). CA).  
4968 SRI LANKA SLBC, Indian type pops 1625 2-20, ute QRM, light QRN (Park-HI).  
4970 VENEZUELA R. Rumbos, lively prgm, LA vocals, ads, good 0230 2-11 (Dickson); IDs between songs 0427 2-14, TCs, full ID and QTH 0455, NA, 0459\*, good sig (Dillon-PA).  
4977 ECUADOR R. Tarqui, nx 1105 2-18, TCs, IDs, call ltrs often, sports; strong (Niekamp-MN).  
4980 VENEZUELA Ecos del Torbes, nx 1115 2-16, clear ID, ads, TC, to 1130 (Dillon-PA).  
4990 ARMENIAN SSR Yerevan, IS 0159 2-22, Arm. NA, ID, into mx (Smallwood-W.Berlin).  
4990 NIGERIA Lagos, 1805 speech on better life, 2-15, good with Yerevan QRM (Wood-S.AR).  
4990 VENEZUELA R. Barquisimeto, LA rock-type mx 0250 2-11, strong sig, several IDs (Dickson); 1024 tune-in 3-4, jingle ID, Spanish pops (Alexander-PA).  
4996 PERU R. Andina, flutes 0957 2-18, muddy audio (Niekamp-MN); good 1005 3-1, mx, talks (Bolland-FL); Andean mx 1005 3-4, yipping, armts, ID, ads, etc. (Alexander-PA).  
5006 SURINAM R. Apintie, 0220-0420 2-2, ads, sports, remote broadcast with local breaks, IDs 0255, 0340, 0412, QRM, used ECSB (Lausevich); Dutch 0430 2-3, international mx, time pips, short nx (Schulz). Not SRS? (JB).  
5010 CAMEROON Garoua, 2140-2214 3-1, FR, Afr mx (Bolland-FL); IS 0430 2-22, FR/EG IDs, fqs, NA, into chanting (Smallwood-W. Berlin).  
5015 ECUADOR Esc.Rdfon.Pop, SP lesson 1128 2-4, mx, ID, man and lady anncrs; fair (Forth); talk, IDs, 1142-1150, poor on 2-18 (Niekamp-MN).  
5020 ALBANIA Gjirokaster, 0355 2-18, pips 0400, NA, "Ju flet Tirana" ID (Smallwood-W.Berlin).  
5020 SOLOMON ISLANDS Honiara, island mx 1145 2-16, ads, TC and ID 1200, nx (Cobb-ME).  
5025 BENIN Parakou, classical flute mx 2244, some talk by man, to 2305; fair 3-1 (Bolland-FL).  
5025 BRAZIL R. Borborema, \*0754 with s/ob ID, opening armts, poor mixing w/Transam. (Alexander-).  
5027 UGANDA Kampala widely hrd from 0300. IS to 0300, EG ID, relig. prgm, pops, nx PA). 0400, 2-22 (Smallwood-W.Berlin); Afr mx 0315 2-9, lang.talk 0320 (Jordan); pops and disco 0315-0330 2-21, TCs, ID 0330 (Cobb-ME); EG nx 0400, ID 0410, march mx, PSAs (Tutak); EG and vernac. 0443-0515 2-22, nx and ads, EG 0501; lots of hets (Lausevich).  
5030 PERU R. Los Andes, ID 0502, fqs, OA NA, 0506\*, fair sig (Niekamp-MN); 1000 2-19, ads, ID, flute mx, lady anncr (Forth).  
5035 BRAZIL Tent. R. Aparecida, 2252 2-4, talks, pops, tent. ID 2300, much mx (Jordan).  
5035 CENT. AFR. REP. Bangui, NA 0428 2-24, ID 0429, synthesiser mx, TCs, hi-life mx 0436 (Tutak); Sango talk 1740, ID, good over Alma Ata 2-15 (Wood-S.AR).  
5040 COLOMBIA R. Cinco, 2250-2330 2-4, sports it seemed; ID, slogans, fair-good (Jordan).

- 5040 VENEZUELA R. Maturin, s/off amts 0355 2-16, ID, NA, 0400\* (Johnson-TX); nx, chimes, 1011 3-3, fair (Bolland-FL); many IDs 2300 2-17, believe Cinco 100 Hz lower (Valko).
- 5045 BRAZIL R. Cultura do Para, 0200 2-3, promos, much mx (Dickson); 0703 3-3, mx, promos, strong but mushy audio (Niekamp-MN); reverb mike 1016 2-18, fair sig (Bolland-FL).
- 5050 ECUADOR R. Jesus del Gran Poder, carrier on 0953 2-23, mx, NA 1006, relig. prgm after that (Field-MI); ID 1102 3-3, then booming amts (Johnson-TX).
- 5055 FRENCH GUIANA Cayenne, s/on armt 0901 2-18, mx, nx, poor to 0945 (Niekamp-MN); lengthy talk in FR 2300, odd wailing mx 2320, more talk, flutes, FR pops, ID; P-P (Jordan).
- 5055 SWAZILAND TWR, GM 0403, short hymn, EG ID by gal 0430, prgm review (Johnson-TX).
- 5060 PAKISTAN Tent. Islamabad, Indian mx 1638 2-20 (Park-HI).
- 5066 ZAIRE R. Candip, vernacular talk 0420 2-4, hot line, local mx (Schulze).
- 5095 COLOMBIA R. Sutatenza, nx 0130 on 2-3, CW QRM, to 0155 (Dickson); classical mx 0140 2-27, amts between pieces; nice change from LA mx (Tutak); man talking 0240 2-7, many place names; also talk by M&W, ID 0221 2-28 (Hankins); end of nx 0355 2-21, ID as "la sistema comunicacion accion popular," rundown of calls, locations, fqys, NA, 0400\*, fair in W. Berlin (Smallwood); mx 1018 2-5, short PSAs and TCs; strong (Niekamp-MN).
- 5105 CLANDESTINE LV del CID (R. Ignacio Agramonte), mx 0642 3-3, ID 0642, F-G (Niekamp-MN).
- 5112 PERU Tent. R. Eco, 0040 2-6 with US rock tunes, SP vocals, poor by 0050 (Jones).
- 5289 CHAD R. Moundou, African mx 1655 2-16, RTTY QRM; make it tentative (Schulze).
- 5360 PERU R. Vision, greetings to lstnrs 1103 2-19, ID, flute mx, some TCs, talk (Forth).
- 5816 PERU LV del Altiplano, Indian-type mx 0957 2-1, many TCs, best arnd 1030, fading by 1100 (Valko); I think nx 1040 3-7, bad, faded 1055; first time after many tries (Field-MI).
- 5895 BELGIUM BRT, EG mailbag prgm 2230 2-21 (McLemore-FL).
- 5910 BELGIUM BRT, end of SP 0029 3-5, IS, then "Mx Box," "Radio World" in EG, F-G (Dillon-PA); 0045-0100 2-21, sports, rock mx; political talk, good sig (Dickson).
- 5920 USSR RM WS in EG, 2237 2-21, good with cmtry, mx, "Focus on Asia" (McLemore-FL).
- 5930 CZECHOSLOVAKIA Prague, 0100-0130, nx, talk, propaganda, prgm preview, symphony (Meaders, Hankins); 0300 2-13 with nx, sports, etc. (Dickson).
- 5940 USSR FE site, RS Mayak prgm 0922 2-4, funeral coverage, QRM (Park-HI).
- 5940 CLANDESTINE R. 15 de Septiembre, anti-Sandinista prgmg 0540 2-20, strong and overmodulated (Niekamp-MN); same one, I think, 1130 2-20, still in 1200 (JB).
- 5945 AUSTRIA Vienna in EG in 0100-0200 slot, nx, sports, politics, polka mx, oom-pah-pah (Bonnet-IN, Dickson, Meaders, Hankins); also in EG at 0355\* 2-13 (Hankins).
- 5950 GUYANA CBC, Australia-W. Indies cricket match 0204 2-5, occasional breaks for local amts and CBC IDs; SIO 332+, and no sign of Nicaragua (D'Angelo-PA); 0920 2-22, ID 0921, mx, rough copy (Gray-MI).
- 5950 NICARAGUA LV de Nicaragua continues widely hrd. 0100 2-17, slamming Reagan, IDs covered by FR-5945 (Gray-MI); EG cmtry, mx, mail 0130-0150 (no name); "Contact" mailbag 0131 2-8 (Hankins); ID "from the land of reconstruction . . . Sandino lives," revol. talk, 0140-0205 2-7 (Jordan); mentioning a 25 mb fqy 0230 2-1 (Dickson); visitor info 0400-0425 2-14 (Dillon); talk of elections, 0400-0415 2-22 (Muzyka); EG nx 0445 (David).
- 5954 COSTA RICA R. Casino, 50's mx, EG prgm, 0550-0600\* on 2-20, bad het (Niekamp-MN).
- 5955 COLOMBIA LV de los Centauros, LA mx 0120 2-5, ID by man 0130, Caracol mentions (D'Angelo-PA).
- 5960 CANADA RCI, 0118 on 2-26, EG sports to N.America; 5960 & 9755 as of 3/4 (Hankins). PA).
- 5965 BRAZIL R. Guaba, mostly EZL instrumentals 2339 2-11, to 0000, hvy QRM (Niekamp-MN).
- 5965 CANADA BBC WS relay, fair 1150 2-21 with "Sports International" (Bobb-MN).
- 5965 MALAYSIA Kuala Lumpur, Malay 1510 2-21, Ghazal mx (?-JB), 1530 nx, ID (Sharpe-CA).
- 5965 NIGERIA Jos, EG nx 0604-0610 on 2-24, poor sig (Niekamp-MN).
- 5970 ITALY RAI, EG nx 0100 on 2-14, slow paced, easily understood (Hankins).
- 5975 ENGLAND BBC WS, "The World Today" EG nx at 0300, 2-8 (Dillon-PA).
- 5980 SOUTH AFRICA R. RSA hrd by several in the 0200-0300 slot. IS, ID, nx, "Under The Southern Cross," "Africa Today." //9615, 11730; 5980 having rough time with QRM from BBC-5975 and WYFR-5985 (Dillon-PA, Hankins-PA, Gray-MI).
- 5985 USA WYFR carrying Voice of Free China prgms. CH 0130 2-13, C&W mx in CH, into EG 0200, //11740 good (Dillon-PA); EG nx 0200 2-28, int'l events (Hankin-PA).
- 5990 PAKISTAN R. Pakistan, \*1700-1745\* Farsi, ID, nx, Koran, off with NA; good (Wood-S.AR).
- 5985 SWEDEN Stockholm, test 2-15 replacing 9695, IS 2259, ID, EG nx (Johnson-TX); 2300 2-15, test, "Weekday Wednesday," better thar. 9695, 11710 (McLemore-FL).
- 5990 ROMANIA Bucharest, poor with EG nx 2115 2-19 (Brandi); EG 0205-0230 2-9 (Jordan).
- 5990 SWEDEN Stockholm, \*1700 with RS ID, nx, good sig 2-6 (Wood-S.AR).
- 5990 USSR FE site, Andropov funeral coverage, 0924 2-14, RS, QRM'd (Park-HI).
- 5995 AUSTRIA Vienna, EG "Report from Austria" 0130-0200 3-2, GM 0200 (Bonnet-IN).
- 5995 AUSTRALIA RA, EG 1124 2-13, nx, wx, mx, olympics, quick QSL (Witig).
- 5995 MALAWI Blantyre, ED ads 1630 2-15, "Every Sunday Night" DJ show; fair (Wood-S.AR).
- 5995 POLAND Warsaw, EG to Europe 2235 2-25, nx, talk abt trade, mx, //7125, 7270 (Prath-FL).
- 5995 USA VOA, EG nx 0120 2-8, loud and clear (Hankins-PA); EG 0150-0300 (Bonnet-IN).
- 6005 CANADA CFCX-Montreal, rel.prgm to 1200 2-12, nx, wx, CFCF IDs; fair (Bolland-FL).
- 6005 SOUTH YEMEN Aden, ME mx 0328 2-12, pips, AR ID, march mx, nx; ME mx 0340; covered by BBC IS 0355 (D'Angelo-PA); about the same, exc level and easy copy 2-7 after BBC s/off at 0330 (Cunningham); poor 2-8 at same time, obliterated 0355 (Dillon-PA).
- 6015 NORWAY Oslo, \*1600 2-10 with Norwegian ID, nx, //15160; fair, RM RS QRM (Wood-S.AR).
- 6020 BRAZIL R. Universo, mx 0925 2-19, fanfare, ID, covered by Holland 0930 (Forth).
- 6020 MADAGASCAR Tananarive, in Dutch at 1745 2-15, good sig (Wood-S.AR).

- 6020 USA WRNO-New Orleans, GH's "World of Radio" 0230 2-19 (Pieper); loud and clear 0257 2-28 (Hankins-PA); mx to 0400 2-23, then R. Earth prgm; shift to 6185 0403 (Lynch-ME).
- 6025 BOLIVIA R. Illimani, gal with sound effect ID (interesting), pable nx, 0950(Bobb-MN).
- 6030 CYPRUS Tent. CBC, Greek 2230-2245\*, man talking, off after march; poor 2-20(Cassidy).
- 6035 USSR FE site, Andropov funeral again, 0938 2-14, //6090 (Park-HI).
- 6040 FRG DW, EG mailbag at 0100 on 2-19, then GM language lesson; good sig(Blanchette-FL); EG \*0100-0130 2-8, nx, cmtry (Weinhold).
- 6045 AUSTRALIA RA, poor in EG at 0906 2-17, nx, soul mx, "Calling Antarctica" (Park-HI).
- 6045 DOMINICAN REPUBLIC R. Santiago, 2337-0000 2-13, nx to 2345, then LA mx prgm; many IDs and TCs, one minute slow. Complete ID with AM and FM fqs. Good, slight QRM(Valko).
- 6045 USA WRNO-New Orleans, EG 0500 3-4, switched from 6185 after "Spectrum" (Pieper).
- 6050 ECUADOR HCJB, home svc in SP, local, reg, world nx, 1155-1200 2-17, good (Dillon-PA).
- 6050 NIGERIA Ibadan, Yoruba mx 2000 2-15, mention of Ibo, good sig (Wood-S.AR).
- 6060 PORTUGAL Lisbon, hrd in 0300-0330 slot in EG. Nx, IDs as "Intl Svc of R. Portugal," time and fgy armts, NA at 0330 (Dillon-PA, Dickson, Gray-MI).
- 6065 CANADA CBC NQSWS, \*1158 in FG, "World Report," "This Arctic Morning" 3-2 (Brandi).
- 6065 USA WYFR-Okeechobee, "Stories of Great Christians" 0230 2-25, good sig (Bobb-MN).
- 6070 BULGARIA Sofia, EG 2140 on 2-5, nx, "Sunday Special," fair sig (Blanchette-FL).
- 6070 CANADA CFRX-Toronto, big band mx 0100 2-26, ads, good sig (Dickson); CFRB ID at 1130 2-17, nx, ads, drowned out by HCJB in JJ on 6075 (Dillon-PA); 1327 2-11, mx, ads, TC, nx, wx, ID, fair-good (Bobb-MN).
- 6076 HONDURAS LV del Junco is back. Two clear IDs 2358 2-4, promos, into LA pops, TCs; full ID 0058, off suddenly 0102; fair but het; first log of this for me (Cunningham); mostly talking by M&W 0048 2-2, echo armts, clear ID; a story at 0101; nothing at 0138 recheck. Tnx to a Ralph Perry logging. QRM, but hrd every night, good at times (Valko).
- 6075 PORTUGAL Lisbon, gong IS 0528 2-7, NA, EG ID, fair sig (Vadino).
- 6080 CHILE R. Patagonia Chilena, man with ID 1002, few bars of "Hey, Look Me Over," siren, talk, gal joined in 1015; fair, then fading, 2-7 (Bobb-MN).
- 6085 FRG Bayerischer Rundfunk, nice mx 2130 2-12, sports, usually has Motown Saturdays at this time; RFI QRM 2156 (Paszkievicz).
- 6085 FRG DW, \*0100-0130 2-8, nx, cmtry, EG (Weinhold).
- 6090 CUBA Havana, EG 0100-0130 2-13, "This Day in History," "Cuba Profile," much BS; fair sig (Dillon-PA); EG nx 0400 on 2-11 (Dickson).
- 6090 GUATEMALA TQMUE, 1110 on 3-4, EG/SP relig.mx, ID 1111 (Alexander-PA).
- 6090 LUXEMBOURG R. Lux, GM pops 2025-2057 2-23, then bible prgm (Lynch-ME); rock mx 2325 2-23, poor rcpn, hvy QRM (Cassidy).
- 6095 SOMALIA R. Mogadishu, Somali home svc 1300 2-2, Amharic 1400, AR 1900; good, and not //7200 (Wood-S.AR).
- 6100 USA KGEI-S. Francisco, RS to 1130, EG ID, into JJ, good 2-18 (Forsgren-WI); chatty JJ talk 1200 2-7, relig.choral mx, IDs and QTHs 1215, 1230; 1230\* (Jordan).
- 6100 YUGOSLAVIA Belgrade, EG ID at \*2000 2-1, nx, Moscow CH QRM (Wood-S.AR).
- 6105 MEXICO Su Pantera, rapid talks 1220 2-22, guitar riffs, IDs and slogans, local mx; poor (Jordan); good 1239 3-3, mx, nx, TCs, ads, many mentions of Elogia (Bolland-FL).
- 6110 MALTA IBRA Radio, EG 2047-2115\* 2-11, "Intl Christian Radio," religious prgmg; ID, Ontario address (Jordan); unid. GM 2002-2018, Stuttgart address, some EG from 2018 (Lynch-ME). IBRA, maybe (JB).
- 6115 CUBA RM relay, EG 0245 2-5, Latvian mx, nx 0300 (Dickson).
- 6115 PERU R. Union, fantastic sig 0905 2-18 with Llano on 6118; "Buenos Dias, Peru" prgm, ID 0908, best sig I've ever hrd from Peru (JB).
- 6115 UKRAINIAN SSR RM, Simferopol listed, NA svc 0320 2-20, NATO, Soviet life (Dillon-PA).
- 6115 USSR RM in RS, Andropov funeral 0940 2-14 (Park-HI).
- 6120 NICARAGUA R. Zinica, man with hvy political talk 1155 2-22, many mentions of QTH, pable talk on elections, ID, suddenly gone 1210; fair-good (Jordan).
- 6130 CANADA CHNX-Halifax, sports nx 1340 2-17, ads, CHNS IDs, mx; poor (Bolland-FL); 2020 on 2-23, ads, ID and TC, nx of local interest (K. Lynch-ME).
- 6135 SWITZERLAND SRI, EG "Swiss SW Merry-Go-Round" 0145 2-8 (David); world nx 0145 2-21, wx, polks mx (Bonnet-IN).
- 6145 FRG DW, \*0100-0145 2-8 in EG, "Germany Today" (Weinhold).
- 6150 COSTA RICA R. Impacto, IDs, mx, 0000 2-12 (Weinhold); world nx 0145 2-15, ID at 0200, mx 0205, strong sig (Dickson); LA mx 1110 2-17, ID (Dillon-PA); man anncr 1114 2-13, ID at 1115, singers, into LA mx thereafter (Witzig).
- 6160 CANADA CKZN-St. John's, mx 0000 2-12 (Weinhold); nx, TCs, wx, sports, etc., 1022 2-17 (Dillon-PA), 1050-1120 2-11 (Bobb-MN), 1105 (Forsgren-WI).
- 6165 NETH. ANTILLES RN-Bonaire, EG 0230 3-8, //9590 (Hankins-PA); good to 0320\* (Dillon-PA).
- 6170 ALASKA KNLS-Anchor Pt., 1158 EG/CH ID (Bobb-MN, Muzyka); CH to EG 1300 (Niekamp-MN).
- 6170 FRENCH GUIANA Cayenne, FR mx 0917 3-3, almost totally covered by het (Niekamp-MN).
- 6180 VENEZUELA R. Turismo, LA mx 1005 2-17, IDs between songs, TCs, ads, many IDs(Dillon-PA).
- 6185 USA WRNO-New Orleans carrying R. Earth, 0400 (Pieper, Dillon-PA, Sinacher).
- 6190 FRG Maybe SFB, GM 0710 2-7, gal anncr, mx, CMW, CM vocals, maybe nx; no ID (Forth).
- 6190 LESOTHO BBC relay, EG Afr poetry 1630 2-15, maybe double off-air relay; from Ascension
- 6195 ANTIGUA BBC relay, "Sports Roundup" 2249 2-21, very good (McLemore-FL). (Wood-S.AR).
- )6035 COLOMBIA "New" LV del Guaviare, Caracol ID 1030 on 3-24, strong sig; presumed ex-Transamazonica, using regular HJWA call ltrs. Mostly mx. -- Till May, 73--



# LOG REPORT

## section C

6200 to 11699 kHz

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Let's try the IBM and its small type this time. As usual I try to avoid repeating too much from last month -- check March if you do not see it this month. By the way, the main criteria for inclusion are newsworthiness and interest. Not that routine items are ever totally neglected, but the goal is to present the harder-to-ID-type material... Tm!

- 6300v** NICARAGUA LV de Sandino; 1015+ SP, and from 0000-0300+ evenings; morning pgm consists of campo mx and chatter by M&W ancr; occasional ID's noted as "Radio Sandino, La Voz de Vanguardia" but I've heard this as a NET ID on R. Zinica et al. Maybe projected domestic svc. of the Nicaraguan government? (Cunningham 3/1+)
- 6205v** NICARAGUA LV de SANDINO; 0410, usual M&W tlk, electronic sounds (Alexander 2/19).
- 6215.6** LEBANON V. of Hope; 2240-0500+ EG, rel, pops, ez mx (5 reporters).
- 6230** CUBA RHC; 0210-0314 EG, one day only, not since (Valko 2/5, Gillis 2/5).
- 6240** INTERNATIONAL WATERS V. of Peace; 0130-0450 EG/HB, DJ chatter (3 reporters).
- 6249.7** EQUATORIAL GUINEA R. Malabo; 2005-2206 SP, DJ show (Wood 2/15, D'Angelo 2/20).
- 6549.6** LEBANON R. Voice of Lebanon; 0405 AR, "River Kwai" IS, NA, ID (Tutak 2/24).
- 6595** CLAND R. Venceremos; 0005-0012 SP, mostly LA mx, tlk by usual W ancr (Valko 2/7).
- 6600** KOREA PDR R. Pyongyang; 2010 Korean political talk; g (Wood 2/15).
- 6724** PERU R. Satellite; 0230 SP, flute mx, NA at 0355-0400\* (Laskowski 2/19).
- 6831** CLAND R. 15 de Septiembre; 0514 SP, M&W tlk between instrumental mx; //7050, 5565 (Rigas-IL 2/19).
- 6955** CHINA R. Beijing; 2010 Arabic, ID, Arabic music (Schulze-FRG 1/28).
- 7027.5** CLAND R. Venceremos; 0312 SP rhetoric & their familiar tune w/ID (Jones-TX 2/15).
- 7050** CLAND R. 15 de Septiembre; 0323-0342 SP, ID's, //5565.3 (Alexander 2/11, Jones).
- 7110** ETHIOPIA VORE; 0330 Amharic, flute IS three times, ID in Amharic w/mention of Ethiopia, NA, time pips, nx, QRM from BBC Russian on 7120 (Smallwood-FRG 2/21).
- 7120** SOMALIA R. Hargeisa; 1700 signature mx, ID, into Somalia nx relay from Mogadishu, making it // 7200; good (Wood-S.AR. 2/15).
- 7125** POLAND R. Polonia; \*1900-1917 ID, repeated w/mx break; news in Polish clearly readable w/product detector (Lynch-ME 2/23); 2200 FR, cmtry (Prath-FL 2/26). 1922 AR chanting, UNID. (Lynch 2/23). This is their Arabic show to M.E. -ed.
- 7130** CYPRUS BBC; 1923-1938 FR, Elgar Cello mx (Lynch 2/23). Your other UNID -ed.
- 7130** CYPRUS CBC; 2220-2245 GK, tlks & instrumental mx, fair/poor (Jordan 2/26). Don't look to find this one in 1984 WRTH but it is Cyprus Broadcasting Corp. -ed.
- 7140** JAPAN NHK; 1257-1305 CH, IS & ID in English; opening mx (Bolland-FL 3/3).
- 7145** POLAND RP; 0458 PO, jazz mx, IS & ID's, theme mx & nx, 2nd time RF logged (Park).
- 7150** TRANSKEI Capital R.; \*1700 EG nx "brought to you by..."; item on measures by World Council of Churches against S. Africa; good (Wood 2/15).
- 7265** GERMANY W. Südwestfunk; 0655 GM, pop mx, 4 pips at 0700, ID, nx (Rigas-IL 2/19).
- 7270** SOUTH AFRICA R. RSA; 0430-0505 FR to Central Africa; nx, mx, fgy's (Dillon 2/11).
- 7275** USSR RM "Mayak" relay; 0944 RS, funeral coverage (Park-HI 2/14).
- 7285** MADAGASCAR RN; 2250-2310 DT/IN, IS into news & cmtry (Hawk 2/18).
- 7295** ITALY R. Victoria via R. Milano Int'l; 0945 German "Infoshow", rock (Schulze 2/20)
- 7385** CUBA RHC; 2350-0100 SP, M&W nx etc., //7425, 7485, 9730, (Jordan 2/16, Dickson).
- 7397v** PIR. NWRI; 0410-0613 EG, disco, rock (Valko 2/12, Rigas 2/13).
- 7432 v** PIR. R. Free Insanity; 2229-0015 EG, spoofs, requests (McLemore 3/5, Rigas 3/5).
- 7464.3** CLAND LV del CID; 0335-0345 SP, usual M&W talk, ID, martial mx (Alexander 3/4).
- 7570** CHILE R. NAC. de Chile; 0135 SP, presumed the one here // 15140 (Alexander 2/26).
- 7600** ECUADOR HD210A time tones & SP ID at 0059; good signal (Forth 2/22).
- 9420** GREECE VOG; 0130-0142 EG, nx items; g (Dickson 2/2); 0137 EG, mx w/Greek mx; g Vadino 2/20); 0230-0259 GK, Greek mx straight through to 0258 ID "Efo Athine" (Dillon-PA 2/23); 0312-0320 unid lang., comment & Greek mx (Simmacher 2/24); 0335-0350\* GK, vocal numbers by M with a powerful voice (Bonnet-IN 2/19).
- 9422** PAKISTAN RP; 1530 Urdu ID, film music; good (Wood 2/13).
- 9460** ISRAEL KI; 0000 EG, IS, timecheck, ID, nx, "Calling All Listeners" w/Ben Dalfen (McLemore 3/5); 0000 EG, nx, replaces 7410 to N.Am., //11655, 9815 (Zilmer-NM).

9475 EGYPT RC; 2215-0315 AR/SP/EG, info about Cairo, lbx, etc. (8 reporters).

9480 ALBANIA RT; 1830 EG quoting US News & World Report mag (Hankins-PA 2/8).

9486 PERU R. Tacna; 1040 SP, Peruvian mx, ads, and ID's; fair (Rigas-IL 3/4).

9500NF PHILIPPINES FEB; 1300 end VT, gave Hong Kong address, EG ID, into Bengali; Bengali reportedly to be transferred to Saipan; 9505 listed (Wood-S. AR. 2/14).

9500NF United Arab Emirates R. Dubai; 0332 EG, nx, wx, ID, anmt about going off air 3/10-3/24 for electrical tests; press review (McLemore-FL 3/7).

9505 AUSTRALIA RA; 1750 IS into 1800 EG, world & Pacific nx; //9580 (Schultz 2/15).

9505 JAPAN R. Japan; 1300 EG, nx, "Japan Scene" on commission to visit US coal mines; poor (Blanchette-FL 2/21). (Wood 2/11).

9515 ALBANIA RT; 1230 EG to N.Am., good here but is this heard in its target area? "

9515 CANADA BBC W.S.; 1620, mx pgm, "World Today", ID, world nx (Bobb-MN 2/7).

9515 MEXICO LV de la América Latina; 1159-1230 SP, ID, Winter Olympics nx (Niekamp).

9535 ANGOLA R. Nacional de Angola; 2250 FR, mx, fair in QRM (Paskiewicz 2/26).

9535 GUAM 1420-1500 CH, M&W & rel mx; IS (We've A Story To Tell); p (Bobb-MN 2/19); 1600, end EG, gave schedule; IS; good, QRM de SRI (Wood-S. AR 2/26).

9535 SEYCHELLES FEB; 0357 end Farsi, IS; vg (Wood-S. AR. 2/9).

9535 SWITZERLAND SRI; 0653 unid lang, Swiss country mx; very poor (Park-HI 2/18).

9545 ANTIGUA DW; \*0055-0109 EG, IS, ID, frequency & world news (Bobb-MN 2/20).

9545 GERMANY W. DW; 2145-2158 PT, M&W & song in German, ID ment. Brazil (Bobb 2/19).

\*9545 LEBANON RL; 1300 AR, nx, ID; contrary to published reports, still in hands of gov't or already back in its hands, as it respectfully referred to "the President of the Republic, Mr. Amin Gemayel." Good (Wood-S. AR. 2/11). But for how long? -ed

9550 CHILE R. Nacional de Chile; 0140 SP, mx, TC's, commercials (Niekamp-MN 2/12).

9550 CUBA RHC; 1300 SP ID, march, nx; vg, nice prop. from Cuban dawn to S. AR. (Wood).

9550 U.A.E. UAE Radio; 0330 EG, "This news is coming to you from Dubai" (Vadino 2/16).

9550 FRANCE RFI; 0545 FR, DJ playing folk songs (Park 2/18).

9550 ROMANIA R. Bucharest; 0230-0255 EG, Romanian composers, drama, trade (Cassidy).

9555 IRAQ Sawt ul Jameah; 0605 AR, ID, Arabic mx; // 9505, 9520, 9690 - hogging the band! Good. (Wood-S. AR. 2/10). Well, fgy is well jammed before 0500 -ed.

9555 MEXICO XEQX; 0045 "La hora de la Observatorio" ID, tlk by M w/time pip at 54 seconds each minute; fair (Laskowski-IN 2/19).

9560 GERMANY E. RBI; 2155-2210 EG, ID understood despite bad polar flutter (Meaders 2/6); 0700 EG "Newsreel Of The Socialist World", ID, IS into GM (Dillon 3/3).

9560 SEYCHELLES FEB; 1512 Arabic "Huna Seychelles", rel pgm (Schulze-FRG 1/29).

SWITZERLAND SRI; 0700 EG, IS, ID; poor due to QRM from RBI same fgy (Trotto 2/10)

9560 TURKEY VOT; 2215-2245 EG, talk on foreign capital in Turkey w/story from Anatolia; f (Forsgren-WI 2/7); 0257-0305 EG, IS, ID, nx (McKellar 2/23); 0335-0350 EG, Turkish mx, ID "You are tuned to the Voice of Turkey broadcasting from Ankara" (Dillon-PA 2/20); 0344 EG, pop-style music (Simmacher 2/24).

9570 NIGERIA FRCN Kaduna; 0610 Hausa talk on "Alhajis" (pilgrims); g (Wood 2/10).

9570 SINGAPORE BBC (Kranji relay); 2205 EG, nx, "Science In Action" (Vadino 2/19).

9575 FINLAND R. Finland; 0629 Finnish, IS, W w/ID, nx; under WYFR (Park-HI 2/28).

9575 ITALY RAI; 0100-0120 EG, nx summary (Simmacher 2/19); 0136 IT, birds chirping IS 0136, ID, anmt (Hankins 2/26).

\*9579 PHILIPPINES R. Pilipinas; 0912-1000\* EG, W w/local mx, ID 0930 into "Philippines Today"; "Business Trends" w/Danny Romero; QRM Concordia 9579, Korea (Park-HI 2/20)

9580 AUSTRALIA RA; \*1158-1800+ EG to Pacific etc., world news (5 reporters).

9585 BRAZIL Radio Excelsior, Sao Paulo; 0912-0930+ PT, singing ads, jingles & promos w/frequency, ID by M at 0915, all slickly produced; LA nx reports (Jordan 2/11).

9590 NETH. ANTILLES RN; 0254 EG, Van Halen's "Jump", "Media Network" (QRM 9585 is RBI and/or Hungary, not R. RSA -ed.) (Park 2/24); 0258-0325 EG, "Happy Station" with Tom Meyer; good (Witzig 2/24).

9600 ASCENSION IS. BBC W.S.; \*0259 bells IS, "Atlantic Relay" ID (Dillon-PA 2/14).

9600 UZBEK SSR R. Tashkent; 1200-1228 EG, broadcast to S. As., "Life of the Muslims in Uzbekistan" (Jordan 2/6); 1225 EG, end of pgm w/Central Asian mx, s/off (Prath 2/19); 1200-1229\* EG, ID, "This is Radio Tashkent", nx, cmtry on Andropov funeral (Dillon 2/16); \*1300 IS, Hindi ID, nx; g (Wood-S. AR. 2/11).

\*9605 FRENCH GUIANA R. France Int'l; \*2227-2400\* FR, heard daily signing on with IS under VOA sign-off in FR; usual RFI ID's and into nx, cmtry; looked for but couldn't find parallels on 11790, 15300; IFRB tentative sked shows this as French Guiana but caught no site ID or local reference (Cunningham 3/2). At 2257 I heard // 11995 (direct) w/echo and //15180 (French Guiana with no echo) -ed.

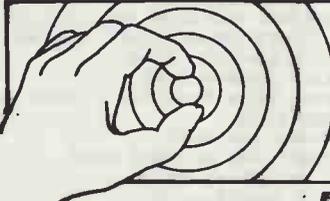
9620 AUSTRALIA ABC, Perth; 1230-1430 EG, nx, country mx (Bonnet 2/23, Hazeltine 2/7).

9610 IRAQ R. Baghdad; 2150-2200 EG, Mideast instrumental mx, ID (Jordan 2/21); 2210-2225\* EG, nx, ID, W ancr & scm. mx, s/off ID by M (Trotto 2/12); 2215 EG, Arab mx, s/off w/address & possible NA; tnx J. Meyer for tip (Paskiewicz 3/3).

9610 NORWAY RNI; 0115-0145 NO, ID in EG at 0119; nx etc. (Dickson 2/13).

\*9611 IRIAN JAYA RRI Jayapura; 0845 IN, M playing variety of mx; tlk at 0858 anmt. "RRI"; celeste mx & full ID 0900; QRM Perth 9610 (Park-HI 2/28).

9615 INDIA AIR Bombay; \*1200-1300+ EG/Hindi, IS, ID, news (Park 2/11, Wood 2/11).  
9615 SEYCHELLES FEBA; 0330 SH, M w/rel pgm; // 11800; QRM KGEI 9615 (Park 3/4).  
9615 SOUTH AFRICA R. RSA; 0200-0250 EG, mx, nx, cmtry; //11730 (Meaders 2/2); 0200 EG "Africa Today"; strong (Hankins 2/14); 0200 EG, mx, dx pgm (Gray 2/19).  
9620 GERMANY E. RBI; 0315 EG, propagandistic nx, on and on! (Hankins 2/20).  
9620 YUGOSLAVIA RY; \*1700 sad, low-keyed IS, ID in Russian, nx; g (Wood 2/15); \*2215-2230\* EG, M&W news, XIVth Winter Olympics news (Witzig 2/13).  
9625 CANADA CBC N.S.; 1240 EG, housing situation at Frobisher Bay (2/6).  
9630 CZECHOSLOVAKIA RP; 2310 FR/EG "Inter-Programme" w/multi-lang nx (Prath 2/25).  
9630 SPAIN Spanish Foreign Radio; 0000-0200 EG to N., C. Am. (6 reporters).  
9630 TAIWAN BCC; 2100 CH, ID, British march, Chinese nx; g (Wood-S.AR. 1/31).  
9635 COLOMBIA R. Nacional; 0512 SP, W ancr into report & talks, full ID (Jordan 2/5); 1145-1155 SP, music, announcements; good, but fades toward 1200 (Niekamp 2/12).  
9635 IRAQ Sawt ul Jamaheeri; 1900 chimes (like Lisbon's), ID, nx (Wood 1/30).  
9635 SWAZILAND TWR Manzini; \*1600 IS, ID in EG, mx, features, still noted at 1800 in English; very good (Wood-S.AR. 2/7); 1820 EG, rel pgm (Schulze-FRG 1/26).  
9635 SWITZERLAND SRI; 0200-0215 EG, "Sunday Supplement" on space (Bonnet-IN 2/19).  
9641 ALGERIA RTA; 2100 FR, news, ID; good (Wood 1/31); 2155-2220 FR, nx w/4 time pipe at 2200; into AR w/nx & cmnt; rapid signal fluctuation (Lausevich 2/12).  
9645 COSTA RICA Faro del Caribe; 1240-1315 SP, crowing rooster at 1241, ballad & children's chorus, ID, anmts, promo string 1256-1300 then nx (Jordan 2/6).  
9645 SRI LANKA VOA; 1223 EG, STS-10 Challenger landing coverage (Park-HI 2/11).  
9650 ANTIGUA DW; \*0923 EG, OC, IS, & ID's; nx, "Weekend Rendezvous" (Park 2/18).  
9655 ECUADOR HCJB; 0245 Russian pgm, religion (Schulze 2/12); 0400 RS; very good but jammed; powerful signal (Wood 2/13). First I'd heard about private broadcasts being jammed -- very interesting indeed if this becomes a trend! -ed.  
9655 PERU R. Norperuana; 1110-1140+ SP, fanfares & anmts & ID, vocals w/flute backup, frequent ID's, spot anmts & slogans (Jordan 2/14); 1128-1133 yipping campo mx; p (Niekamp-MN 2/12); 0030 SP tlk by M (Weinhold 2/5).  
9660t ANGOLA R. Nacional de Angola; 0520-0606 PT/vern; PT talks, 90% positive of ID, upbeat percussion music and Afro vocals (Jordan 2/5).  
9660NF INDIA AIR; \*1510 IS, into Hindu at 1514 w/news; good (Wood-S.AR. 2/10).  
9665 AFGHANISTAN RA; 1830 German, news (Schulze 2/4). Afghan SSR? -ed.  
9665 MALAYSIA RTM; 1108 EG, instrumental mx, W w/TC and pgm review (Park 2/25).  
9665 MONACO TWR; \*0530-0600\* EG to M.E., ID, rel, IS based on Monégasque NA (Wood 1/30)  
9665 SAIPAN KYOI; 1600 EG, "Super Rock" mx, many ID's (Cassidy 2/11).  
9670 TAIWAN KYOI; 1707+ EG/JP, rock mx, "Super Rock - CHOI" (Niekamp-MN 2/28).  
9670 NORWAY RNI; 0300 Norwegian, ID in EG; fair (Dillon 2/20).  
9675 EGYPT RC; 0250 AR nx, Qur'an, 0258 anmts, ID, Anthem, s/off (Johnson-TX 2/29).  
9675 PERU R. del Pacifico; 1135-1200 SP, pgm of LA mx, ballads (Jordan 2/16); 1235 SP, instrumental music, clear ID by M (Prath-FL 2/19).  
9685v TANZANIA RT; 0400-0410 Swahili? ID, nx, suddenly off at 0410 (Muzyka 2/7).  
9695 BRAZIL R. Rio Mar; 0929 PT, vocal mx, jingle and ID; fair/good (Forth 2/18).  
9700 BULGARIA R. Sofia; 0000-0800 EG (5 reporters).  
9700 KOREA N. R. Pyongyang; 1030 KR, angry W w/tlk // 9560, 9745, 9977 (Park-HI 2/22).  
9715 CONGO RTVC; 2225 FR, slow & deliberate ID, anmts & bcst sked followed by rapidly played drums & group vocals to news segment 2230 (Jordan 2/4). Rather old logging!  
9720 SRI LANKA SLBC; 1330-1356 relay of AWR pgm in EG, religious (Cobb 2/17).  
9725 SWAZILAND TWR; 0427 EG, IS & ID's, pgm preview, rel pgms (Park-HI 2/26).  
9735 PARAGUAY R. Nacional; 0959 SP, mx, ID (Forsgren 2/11); 0158 s/off (Moaman 2/14).  
9745 CAMEROONS R. Yaounde; 2100 EG, IS, ID, nx, cmnt; p (Zilmer 2/18).  
9749v TANZANIA RT; 0335 EG, rock mx (Park 2/24); 1900 EG, hummy modulation (Wood 1/31).  
9750 CHILE R. Minería; 1030 SP, nx, Firestone ad, ment. Santiago (Dillon 2/16); 1100 nx on the hour, ID, mx, f/out at 1123 (Niekamp 2/12); 1105 ID "Radio Minero, Santiago"; good signal (Rigas-IL 3/4).  
9750 KOREA S. RK; 1440 EG, "Shortwave Feedback" lbx pgm, poor w/het (Laskowski-IN 2/12)  
9780 NORTH YEMEN R. Sana'a; 0400-0430 AR, IS, ID "min Sana'a at 0415 (Dillon-PA 2/21).  
9805 EGYPT Voice of the Arabs; 2315-2345 AR, Arabic mx w/anrc, ID "Sawt ul Arab" and "min al-Qahirah"; news at 2330 (Dillon-PA 2/19).  
9840 KUWAIT R. Kuwait; 0353 AR, local mx & tlk (Park 2/26).  
9863.6 PAKISTAN RP; 1645 Turkish ID, Turkish mx; g (Wood 2/15).  
9865 GREECE Voice of Greece; 0059-0350 EG/Greek to N. Am. (5 reporters).  
9870 SAUDI ARABIA BSKSA; 1700 AR, ID, Qur'an, sked, TC (Smallwood-FRG 2/21).  
9880 KUWAIT RK; 0430-0535 AR, ID, nx, M&W anmts (Dillon-PA 2/21, Jordan 2/19).  
9890 LIBYA v. Great Homeland; political speech at 0140 (Dillon-PA 2/17).  
9905 QATAR QBS; 0340-2130\* AR, dramas, nx, ID's etc. (4 reporters).  
9930 BELGIUM BRT; 0030-0046 EG to N. Am., music (5 reporters).  
10000 CHINA BPM time stn; 2255-2300, lagging WWV by 4-second, Morse ID's (Valko 2/6).  
10000 JAPAN JJJ; 1155-1200, Morse ID then female voice ID; two times (Cobb-ME 2/14).  
11675 KUWAIT RK; 1907-2004 EG, rock mx (Niekamp 2/28, Paszkiewicz 3/3, Dillon 3/3).



# LOG REPORT

## section D

### 11700 and above

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- 11700 VATICAN VR 1936 IT Praying in Latin Gd //15210 (Vadino) 2/20
- 11700 DOMIN. REPUBLIC R. Clarin ID in SP 2111-2235 (Dillon & McKellar)
- 11704 SWEDEN R. Sweden 0200 Chimes then ID in sev lang (Hankins 2/19)
- 11705 JAPAN R. Japan \*1755 IS, EG, JP ID 1800, nx, good (Wood 2/6)
- 11705 MONTERRAT DW relay ID in E, nx 1117 time pips (Levison) 3/9
- 11715 SWITZERLAND SRI 0205 Disc in E on stamp collecting (Hankins 2/19)
- 11715 ALGERIA RTVA 1935-2005 AR talk & mx TS at 2000, poor (Jordan 2/18)
- 11715 PHILIPPINES VOA 1215 in E, Shuttle cvg, QRM Noumea (Park 2/11)
- 11720 AUSTRALIA RA in E, 1322 Tk on heroin, rock, QRM Moscow (Dillon 2/16)
- 11720 CANADA RC 2045-0300 E and Eskimo, ctry mx (Dillon, Jordan, Simnacher)
- 11730 SOUTH AFRICA \*0200-0255\* DX pg in E, AF today etc. (Several repts)
- 11730 UNITED ARAB EMIRATES R. Dubai 0328-0400 E & AR (Park 2/26, Muzyka 2/22)
- 11730 PORTUGAL R. Renas censa 2350 in PT, mx & M tk (Weinhold) 2/4
- 11735 YUGOSLAVIA RY: \*1700 lo-keyed IS into nx //15240; g (Wood 2/9)
- 11740 USA VOA Delano 0110 nx in E and mx, beam to L Am (Meaders, 3/1)
- 11740 TAIWAN VOFC 0245 E lesson, then mx (Levison 3/8)
- 11745 USSR R. Magallanes \*0200-0229\* SP, IS, s/on ID, nx & mx (D'Angelo 2/23)
- 11745 FINLAND RF \*1700 FI ID, nx, QRM fr Moscow, gd sig (Wood 2/5)
- 11745 ASCENSION IS. BBC relay, E, polit tk and mx (Hankins 3/3 & Bobb 3/4)
- 11755 LIBERIA ELWA 2100-2115\* AR ID, religious; gd sig (Wood 2/4)
- 11760 SWAZILAND TWR 0607, E, IS, ID, "Hour of freedom"; QRM fr DW 11.765; don't confuse w/ Cook Is. (Park 2/25) (Weinhold 2/4)
- 11760 CUBA RHC 0335-0400 in E, nx & prop (Dickson 2/4)
- 11765 WEST GERMANY DW in E, 0605 end of nx, "The Week in Africa" (Park 2/25)
- 11770 NIGERIA VON 2030-2100\* E, Pol cmt, ID, Afr svc, (Wood 2/2, Forsgren)
- 11775 SPAIN REE 2254 in SP, IS, L Am svc, gd sig (Vadino 2/19)
- 11775 PORTUGAL RP 2040-2100\* in E, DX prog, //9.740 (Jordan 3/2)
- 11780 BRAZIL R. Nac de Amazonia, 2150-2345, PT, mx (Weinhold & Forsgren)
- 11785 MALTA DW relay 0115 in E, polit disc; (Hankins 3/1)
- 11790 AUSTRALIA RA, 1500-1700, E, nx & polit comm, (Bobb, Bonnet, Sharpe)
- 11790 ROMANIA RB \*1600 in AR, ID "Huna Bukharist", nx, VG sig (Wood 2/8)
- 11800 AUSTRALIA RA: 1200 in E, TC, ID, nx, QRM fr Colombo & Moscow (Wood) 1300-1400 in JP (Jordan 2/13, also Zilmer 2/25, Bonnet 2/27)
- 11805 BRAZIL R. Globo 0100-0150 in PT, rapid tk (Forsgren 2/9 & Weinhold 2/9)
- 11805 USA WYFR Family Radio, 2135-2142 in IT, rel pg; gd sig (Bobb 2/16)
- 11810 INDIA AIR in E 1335, in AR 1900 //9912; (Wood 1/31 & Jordan 2/9)
- 11816 LIBYA LJB 2236-2315 in E, 0200-0255 in AR, overmodulated audio, TC & nx 0216 (Dillon 2/20, Niekamp 2/28, Pieper 3/5)
- 11818 MOZAMBIQUE R. Makuto, 0500 in PT, pop mx (Hankins 2/19)
- 11820 TURKEY VOT \*0955 IS, 1000 into Bulgarian nx, Jam QRM fr RM (Wood 2/3)
- 11820 AUSTRALIA RA 2150; repeated ID, unk sta overriding at 2155 (Hankins)
- 11825 TAHITI R. Tahiti, 0300-0505, TT & FR, nice mx (D'Angelo 2/15, Wood 2/9, Bonnet 2/11, Dillon 2/17)
- 11830 NORTH KOREA R. Pyongyang, \*1300 in FR, ID, nx; VG sig (Wood 2/11)
- 11840 CUBA R. Moscow Relay 1650-1735 in E, ID, nx, econ tk (Dillon 2/22)
- 11840 USA WYFR Family Radio 2325 in FR, rel pg; good sig (McKellar 2/6)
- 11850 CANADA RCI 0059-0130 in E, nx, mail call, QRM sig F-VP (Park 2/13)
- 11855 SAUDI ARABIA BSKSA 1230-1300 & 1835-1915 in E, nx w/ID at 1842 "that was the news from the BSKSA in Riyadh" . Sta seems to be moving around. Noted at 11850 and 11852 also (D'Angelo & Wood 2/12)
- 11860 CHINA R. Beijing 2302 in SP; 0100-0156 & 0300-0320 in E, world nx and various txs, C/E lessons (Vadino 2/19, Weinhold 2/6, Bonnet 2/20 and Sharpe 2/27)
- 11860 BULGARIA R. Sofia \*1000 IS, ID all in Turkish //11720, VG (Wood 2/3)
- 11860 ASCENSION IS. BBC relay 0735-0800 in E, //15105 (Brandt 3/10)
- 11865 MONTERRAT DW rel SP at 2330, mx selections (Weinhold 2/4) 2129-2150 in PT to Brazil, IS & ID w/freq. (Bobb 2/21)
- 11865 BRAZIL R. Clube de Pernambuco 0045 in PT, excited tk (Weinhold 2/9)
- 11880 SPAIN REE 2120 in E, also 0000 in E, features & mailbag (Sharpe 2/27 and Hankins 3/1)

11880 NORTH KOREA R. Pyongyang 1345 in E; tk on reunification (Zilmer 2/26)  
11900 SAIPAN KYOI "Super Rock" 1245-1515 in E & JP, QRM fr Moscow, all rock mx, (Lausevich 2/13, Hankins 2/21, Dillon 3/4)  
11900 SOUTH AFRICA RSA, IS in E & FR at 1959, //15.180 in E at 2120 (Park 2/19, Hankins 3/1)  
11900 ECUADOR HCJB 2230-2315 in Quecha, flutes & strings (Dillon 2/19)  
11905 EGYPT R. Cairo 0600 in AR for Holy Qur'an svc & AR nx (Wood 2/10)  
11910 SAUDI ARABIA BSKSA, 1630 Swahili nx, 1700 IS, QRM Budapest (Wood 2/15)  
11910 AUSTRALIA RA 0605 in E, world nx; "Profile" //11.720 (Dillon 3/3)  
11920 AUSTRALIA RA 0800 in E, ID and TC for 3 time zones, QRM (Park 2/18)  
11925 PORTUGAL R. Portugal 0144 in PO & 0306 in E, accordion mx, polkas, (Levison 3/6, McLemore 2/23)  
11930 NETHERLANDS RNW 0656-0720 in E, IS & ID's, bad QRM (Park 2/26)  
11938 KAMPUCHEA VOK 1215 in FR, ID, nx, gd sig (Wood 2/11)  
11940 SINGAPORE SBC, rec at 0640 in Hawaii w/E prog, pop mx (Park 2/13) 1600-1604\* nx & weather (McKellar 2/10) (Dillon 3/3)  
11940 GABON Africa No. 1, Disco, rock, freq ID's 1830-1927 in FR, ex sig,  
11945v BANGLADESH RB, 1405-1422 in Urdu, ID at 1415, poor sig (Jordan 2/13)  
11945 CANADA RCI 2135 in E "Spectrum" prog beam to Afr (Witzig 2/8)  
11950 USSR R. Moscow 0505 in E, nx & prop (Hankins 2/19)  
11955 OMAN BBC relay 0331 in E, prog on London's 5 symphonies (Park 2/16)  
11975 EAST GERMANY RBI 0100 in E, IS, ID, nx, comm on Chernenko's speech on nuclear arms, RBI DX club, vg sig (McLemore 3/6)  
11980 USSR R. Moscow 2100 in FR, IS, TC, ID, nx, ex sig (McLemore 2/28)  
11985 ALBANIA R. Tirana \*1430 in IN, IS, ID, nx, poor sig (Trotto 2/10)  
11990 CZECHOSLOVAKIA R. Prague 2215 in CZ, folk mx, ID, better sigs on //5930 & 7345 (Prath 3/4)  
12000 GREECE Thessaloniki SW rel of reg bcst 1457 in GR, soccer match, slightly better on //9.815 (rigas 2/5)  
12015 MONGOLIA Ulan Bator 1200-1220 in E, nx, ID, hvy QRM fr R. Beijing, poor sig (Jordan 2/16)  
12015 CHINA R. Beijing 1125-1230 in CH, IS, nx, loc mx, gd (Jordan 2/8)  
12025 ISRAEL KI 2000 in E, nx & "Calling all listeners" (Zilmer 3/4)  
12030 SWITZERLAND SRI 0609 in FR & IT, 1315-45 in E (Park 2/18, Zilmer 3/1)  
15010 VIETNAM R. Hanoi 2109-2126 in FR, poor sig (Bolland 2/26)  
15030 CHINA CPBS 1000 in CH, ID, nx, gd sig (Wood 2/8)  
15050v USA KQRP Clandestine \*1929-2018, pop & rock, ID with address in Battle Creek, 9 min prog abt European pirate stas (Valko 2/4)  
15060 SAUDI ARABIA BSKSA 1520-1540, AR chants, nx, rel recit (Lausevich)  
15084 IRAN VOIRI \*1300-1400\* Urdu, new lang this freq., not hrd on 11935 as in WRTH 1983, fair sig (Wood 2/6) ED: 1984 WRTH lists Farsi lang during this time slot. Also hrd fr 2017-2032 in AR (Sharpe 2/26)  
15100 USSR R. Kiev 0315 in E "Kiev Mailbag", QRM (Park 2/26)  
15105 ANTIGUA DW relay of prog in PT 2230-2245, ID, nx, QRM (Bobb 2/16)  
15110 CZECHOSLOVAKIA R. Prague 1540 in E, comm on US in S. Af. (Hazeltine)  
15115 ECUADOR HCJB 1215-1255 in E, ID and rel prog, fair (Bobb 3/3)  
15120 USA VOA Greenville 2045-2100 in FR, pop mx (McKellar 2/21)  
15120 NIGERIA VON Hrd at var times fr 1140-2155 in E, ann "This is the Voice of Nigeria, Lagos" (Cobb, Hankins, Bobb, D'Angelo, Blanchette)  
15120 INDIA AIR hrd in Hawaii at 0243 in E and vern, nx, chimes & comm. mod hvy QRM, poor sig (Park 2/11)  
15125 SWITZERLAND SRI 1815-1845 in E, QRM fr Nigeria (Park & Hankins)  
15125 SAIPAN KFBS antenna tests in early Feb 2246-2355, E & JP with mx breaks (Valko 2/10, Hazeltine 2/13)  
15125 SPAIN REE 1815-2015 in SP, IS, ID, QRM fr Swiss (Sharpe, Hankins)  
15130 USA VOFC Taiwan via WYFR 2100 in SP, talk on Taiwan's economic recovery (Wood 1/30)  
15140 USSR R. Moscow 0001 in E with internat nx (Hankins 2/29)  
15145 USA WINB, Red Lion, Pa. 2245-2315 with rel tks in E, ID in E and SP (Jordan 2/6)  
15150 WEST GERMANY DW 1945 in E beamed to W Afr (Pieper 2/29)  
15150 CHILE R. Nac de Chile 0040-0200 in SP, super sig, futbol, mix of LA mx and US pops, many comms. (Niekamp 2/12, Dickson 2/18)  
15152 PAKISTAN R. Pakistan 0259 in lang, IS, horns, local mx, //11697, QRM fr HCJB (Park 2/29)  
15150 ECUADOR HCJB 0245 in E with DX Partyline (Pieper 2/26)  
15160 AUSTRIA ORF 1500 in E, rpt fr Austria to S. Asia, //11825 (Zilmer 3/4)

15165v NORWAY R. Norway 1700 in E, 1710 in NO, noted also at 15160 on 2/7 and 15175 on 2/15 w/spts interview fr Sarajevo (Wood)

15166 DENMARK Danmarks Radio \*1500 in DN & E ID, (Wood 2/7, Bobb 2/25)

15170 EAST GERMANY RBI 1845 in E with ID & mailbag, vg sig (McLemore 2/22)

15170 TAHITI Papeete hrd fr 0220-0417 in Polynesian mostly & island mx (Dickson 2/12, Wildes 2/20, Bonnet 2/28).

15170 USSR R. Moscow 0004 in E with nx (Hankins, 2/29)

15175 NORWAY R. Norway 1919 in NO w/E ID, exc sig (Vadino 2/28)

15180 NORWAY R. Norway \*1600-1615 w/tran in E to WCNA, IS, comp ID & freq. sig fair to poor in Pa. (Jordan 2/5)

15180 SOUTH AFRICA RSA 2057-2133 in E, IS, ID, //11900 (Hankins & McLemore)

15180 FRANCE RFI 2300 in SP to Argentina, mx (Zilmer 2/29)

15185 USA WINB Red Lion, Pa. 2202-2230 in E; "Through the Bible" (Bobb 2/23)

15190 BRAZIL R. Inconfidencia 0225 in PO, US pops, loud sig (Hankins 2/17)

15190 VATICAN CITY 0659 in FR & E, hrd under KYOI, IS carillon bells (Park)

15200 SEYCHELLES FEBA 0400 in E w/rel pgm, 0500 in Swahili & //11800 (Laskowski 2/18, Park 2/11, Wood 2/9)

15210 JAPAN NHK 2300 in E w/nx & curr affairs to Asia //17755 (Zilmer 2/29)

15215 USA WYFR Family Radio 2203-2231 w/rel drama, ID; (Bobb, 2/14)

15220 TURKEY VOT 1538 in TK, mx, ID, QRM, fair sig (Dillon 3/4)

15225 NORWAY R. Norway 1900 in E to NZ, nx & comm (Zilmer 3/4, Levison 3/9)

15226 TUNISIA RTT \*1800 in AR to Middle East, nx, gd sig (Wood 2/3)

15230 NORTH KOREA R. Pyongyang 0039 in E, poor modul (Hankins 2/19)

15240 EAST GERMANY RBI 1308-1329 in E beam to Afr, poor sig (Dillon 2/22)

15240 YUGOSLAVIA R. Yugoslavia 1530 in E, nx, mx, commts (Zilmer 2/27)

15240 USSR R. Kiev 0030-0100 in E w/nx & propaganda (Hankins 2/19)

15250 ECUADOR HCJB 0050-0110 in E w/rel pgms & hymns (Meaders 3/1)

15260 ASCENSION IS. BBC relay 2000-2300 in E to SA (Witzig 2/8, McKellar)

15265 INDIA AIR via Bombay 1929 in E, ID, "Radio Newsreel" (Park, Hawaii)

15270 TAIWAN VOPC 1300 in Cantonese, ID, CH mx, QRM; BBC & jam (Wood 2/6)

15280 USA KGEI 0013 in SP, polka mx, rel songs (Hankins 2/29) (Bobb 2/14)

15285 CANADA CBC N. Quebec svc 1635-1830, Eskimo & E (Bobb, Wood, Bonnet)

15285 CYPRUS R. Monte Carlo 1300 in AR, ID, US pops, gone by 1600 on 2/7 but hrd again 2/9 1520 in AR, commercial svc to Middle East, seems to be testing, tho not daily (Wood)

15290 BRAZIL RNB 0125-0300\* in E, ID, samba mx, power sig (6 reporters)

15295 ECUADOR HCJB 0015 in SP, organ mx, gospel, ID in SP (Hankins 2/29)

15296v MOZAMBIQUE RM 1300 PT ID, nx, humming modul w/strg sig (Wood 2/6)

15310 AUSTRALIA RA 0100 & 0430 in E, nx, ID's (McLemore 2/21, Zilmer 2/26)

15310v GUINEA Conarky 1830 in E, nx & mx; 2320-0005 in FR & vern, mention of the Voice of Liberation (Lausevich 2/5, Forth 2/5)

15315 LIBERIA VOA relay \*1830 in FR "Ici Washington", nx (Prath, 3/4)

15315 BONAIRE R. Nederlands 0030 in Dutch, IS after SP trans (Hankins 2/29)

15320 AUSTRALIA RA 0305-0315 in E w/prog about Olympics, ID (Cobb 2/13)

15320 INDIA AIR \*0955 IS, into E at 1000, nx, gd sig (Wood 2/8)

15325 CANADA RCI 1940-2000 in E, SWL Digest, IS, ID (Bobb 2/12) (Hankins)

15345 ARGENTINA RAE 0135-0300 in SP & E, mx, mailbag, some QRM (Bonnet 3/3)

15345 SAUDI ARABIA BSKSA \*1255 IS, into Urdu at 1300, nx, Qur'an (Wood)

15350 NORWAY RN \*1500 in E, ID and nx in NO, gd sig (Wood 2/2)

15350 LUXEMBOURG RTL 2135 in FR, Euro & US top 40's (Paszkiewicz, 2/25)

15355 USA KGEI 1545-1600\* in SP, LA mx & ID, fair sig (Bobb 2/18)

15375 USA VOA Delano 0030-0040 in SP to Cen Am, election rpt (Hankins, Park)

15390 EAST GERMANY RBI \*1900 in PT to Afr, 1945 in E, (Wood 2/5, Zilmer 3/4)

15390 PHILIPPINES FEBC \*1300 IS, ID in E, then Burmese rel, QRM BBC (Wood)

15398 SPAIN REE 1900 in SP, full ID, noticias (Prath 3/4)

15395 AUSTRALIA RA 0900 w/ID in E, fanfare, nx, new freq. repl 15165? gd sig but some QRM fr R. Moscow (Wood 2/3)

15400 FINLAND RF 1500-1530 in E, nx & features (Meaders 1/28, Bonnet 2/29)

15400 ASCENSION IS. BBC relay 1920 in E, BBWS prog (Prath, 3/4)

15410 SEYCHELLES FEBC 1730-1745 in Amharic (Weinhold 2/4)

15425 CUBA R. Havana 2030 in E, QRM fr 15420, adv contest (Hankins 2/18)

15430 SWITZERLAND SRI 1530 in E, nx & Dateline (Zilmer 2/29)

15430 MEXICO RMI 0150-0205 in SP, ID on hr, bad QRM aft 0200 (Dickson 2/20)

15435 CHINA R. Beijing 0935 in E "News About China", QRM fr 15430 (Park)

15440 PHILIPPINES FEBC 1950 in E, rel pgm, QRM fr WYFR in SP (another missionary station!) (Wood 2/5)

15445 WEST GERMANY R. Liberty 1550-1600\* in RS, IS at 1600 (Jordan 2/13)

15445 PAKISTAN RP \*1600-1615\* in E, nx at dict spd; new freq //15325 & 17660; unusual since RP normally uses only 1 freq per band (Wood 2/12)  
 15450 EAST GERMANY RBI 1515 in E, nx, mx fest to SE Asis (Zilmer 2/26)  
 15450 LIBYA R. Jamahiriyah 1920-2009\* in E, pgm review, nx, quotes from Qadaffi against democracy (Brandi 3/8, Levison 3/3, Prath 3/4)  
 15470 CUBA R. Havana 2050 in E, nx, //15425 (Hankins 2/18)  
 15474 ANTARCTICA Argentine Sector 2325-2340 in E & SP, pop mx, requests for rpt, ID in E (Muzyka 2/26)  
 15485 NEW ZEALAND RNZ 0300-0330 in E, soccer NZ vs England (Dickson 2/12)  
 15525 CUBA R. Havana 2057-2137 in AR, ID at s/off (Johnson)  
 15530 USSR RM 1440 in E, //15.135, 15150, & 15455 (Hankins 2/26)  
 15535 SPAIN REE 1929 in SP, mx, TC, ann "R. Espana" (Levison 3/4)  
 15570 SWITZERLAND SRI 2145-2215 in E, nx, "Dateline" (Zilmer 2/23)  
 15575 SOUTH KOREA RK 0130 in SP, 0200-0300 in E, freq ID's, talks about Olympic games, SW Feedback (Park, Bonnet, Dickson, Hankins)  
 15585 ISRAEL Kol Israel 0130 in PT, 1924 in HE, nx, mx (Zilmer, Levison)  
 15600 LIBERIA VOA Monrovia relay 1830-2200 in E (Cassidy 2/26, Bonnet 2/23)  
 15600 CHINA R. Beijing 0234 in CH, Chinese chants (Levison 3/5)  
 15635 GREECE VOG \*1500-1551\* in GK, tlk, mx (Zilmer 3/5)  
 15655 GREECE VOG 1502 in GR, ID "Edo Athine" (Hankins 2/26)  
 17605 NETHERLANDS RN 1430-1500 & 2110-2120 in E (Weinhold 2/5, McKellar)  
 17610 BELGIUM BRT 1357-1443 DT to 1400 into E after; sports report and feature on regional cooking (Blanchette 2/7, Dillon 2/7)  
 17620 FRANCE RFI 1345 in FR to Cent Eur; 1600-1640 in E "Paris Calling Africa" (Dillon 2/12, Witzig 2/22, Bonnet 2/28, Pieper 3/6)  
 17650 SPAIN REE 1505 in SP, mx, //17660 (Hankins 2/26, Wood 2/6)  
 17660 PAKISTAN RP 1000 in E, W. Indies cricket match //21801 (Wood 2/8)  
 17675 BELGIUM RTBF 2000 in FR, mx variety, ID (Levison 3/3, Prath 3/4)  
 17705 NEW ZEALAND RNZ 0322-0404 in E, class mx, nx (Brandi & McLemore)  
 17710 HUNGARY R. Budapest \*1530 in E after trumpets ID (Dillon 2/16)  
 17710 NORWAY RN 1400-1430 in E, nx, rock mx, poor sig (Dillon 2/12)  
 17710 FINLAND RF 1600 in FI, nx, ID, good sig (Wood 2/7)  
 17720 USSR R. Moscow 0200 in E, nx and propaganda (Hankins 2/27)  
 17720 IRAQ R. Baghdad 1800 light clock chimes, AR ID, nx, gd sig (Wood 1/31)  
 17730 USA VOA Bethany to Lat Am 0153 in E, nx at 0200 (Hankins 2/27)  
 17730 USA WINB Red Lion, Pa. 1605-1649 in E, non-stop mx (Valko 2/7)  
 17730 USA UN Radio fr Greenville 2140-2145\* in E and FR? (Trotto 2/10)  
 17740 NORWAY RN 1500 in NO, wx, nx, ID, vg sig. (Wood 2/5)  
 17745 EGYPT R. Cairo 0800 in AR, ID, chimes, Qur'an svc, jamming (Wood)  
 17745 ECUADOR HCJB 2230-2300 in JP, rel mx, ID, fair sig (Bobb, 2/7)  
 17745 ALGERIA R. Algiers 2004-2030 in E, world nx, disco mx, poor (Dillon)  
 17755 JAPAN NHK 2200 & 0300 in E, ID, nx, good sig (Levison 3/4, Gillis 3/5)  
 17770 AUSTRIA ORF 1230-1240 in E, mailbag pgm, (Blanchette 2/21, Pieper 3/5)  
 17770 CHINA R. Beijing 0015-0100 in SP, QRM fr AFRTS (Park & Hankins)  
 17775 USA WRNO New Orleans 1800-1845, rock mx & Bible Hour (Bobb & Pieper)  
 17775 FRANCE RFI 1250 in FR, pop rock "Play That Beat" (Blanchette 2/12)  
 17785 JAPAN NHK \*0655 in E, ID in JP & E, nx //17810, fair sig (Wood 2/9)  
 17785 SWITZERLAND SRI 1315-1345 in E, nx, //12030, 17830, 21520 (Zilmer)  
 17790 ECUADOR HCJB 2043 in FR, QRM fr VOA at 17785 (Park 2/20)  
 17795 FRANCE RFI 1620-1642 in E, nx, mx (McKellar 2/3, Levison 3/4)  
 17795 AUSTRALIA RA 0203-0318 in E, mx, features, freq listings, sports report (Jordan 3/3, Dickson 2/12, Gillis 3/5, Blanchette 2/13)  
 17800 FINLAND RF 1500-1525 in E, ID, features (Hankins 2/26, Dillon 2/12)  
 17810 NORWAY RN 1515 in NO, ID, sports, new freq. ex 17840 (Wood 2/9)  
 17810 USSR R. Moscow via Simferopol, 1500 in E, Andropov funeral (Dillon)  
 17815 CUBA R. Havana 1740 in FR, ID, fair sig (McKellar, 2/2)  
 17815 AUSTRIA ORF 1040 in E; "Austrian SW Panorama" incl Wood's tips in G. Hauser's rpt; gd sig (Wood 2/12)  
 17815 MOROCCO RTM 1750 in AR, chants (Weinhold 2/4)  
 17820 CANADA RCI 2100 in FR, nx (McKellar 2/1)  
 17825 JAPAN NHK 0040, 0205-0230, 1230-1245 all in E, nx, "Let's Learn Japanese" (Hazeltine 2/9, McKellar 2/17, Dickson 2/12, Wildes 2/20)  
 17830 SWITZERLAND SRI \*1630-1640 in AR, 1530 & 1648 in E, Swiss Merry go Round, nx (Bolland 2/17, Zilmer 2/25, Witzig 2/22)  
 17830 EAST GERMANY RBI 1545 in E, 1630 in FR, inter. fr SRI (Bolland-Zilmer)  
 17840 NORWAY RN 0655 IS, 0700 into NO nx, sked for 17860 (Wood 2/9)

- 17840 SWEDEN RSI 1650-1700 SW & some E; IS & ID in several lang (Pieper)  
 17845 USA WYFR Family Radio 1705-1800 in E; 1800 in FR (Bobb & Bonnet)  
 17855 NORWAY RN 1400 in E, Norway Today, nx & views (Zilmer 3/4)  
 17860 SWEDEN RS 1400 in E; Weekday and DX pgm (David 2/7)  
 17870 USSR R. Vilnius 2310-2325\* in E; DX & Youth pgms, folk & pop mx,  
 //9.685 (McKellar 2/18, Prath 2/25)  
 17870 USSR R. Kiev 0030-0059 in E, World nx, ID, poor sig (Dillon 2/20)  
 17875 WEST GERMANY DW 1635-1700 in GM, ID, IS, GM mx, fair (Bobb 2/23)  
 17880 USSR R. Moscow 1545 in E, nx & propaganda (Pieper 3/5)  
 17880 EAST GERMANY RBI 1330-1341 in E, world & lcl nx (Muzyka 2/21)  
 17880 PORTUGAL R. Portugal 1800 in E (Weinhold 2/11)  
 17890 ECUADOR HCJB 1400 in E, "Morning in the Mountains" (Pieper 3/2)  
 17930 LIBYA SPLJBC 1630-1720 in AR, also noted on 15415 but wk, AR mx  
 and nx at 1700, still on past 1900 (Jordan 3/4, Bolland 2/17)  
 21460 BELGIUM RTBF 1515-1645 in FR, ID, mx, IS, to Afr (Bolland & Bobb)  
 21465 EAST GERMANY RBI 1330-1415 & 1540-1546 in E, nx & features, mx,  
 cmts on devel of nat resources (Bolland 2/17, Zilmer 2/25)  
 21478 ECUADOR HCJB 2130-2200 in E, DX Party Line, freq msd at 21.477.5  
 (HCJB not usually on split freq.?) (Witzig 2/20)  
 21480 SPAIN REE 0140 in E, internat nx at 0140 (Hankins 2/27)  
 21505 CZECHOSLOVAKIA R. Prague 1603-1625\* in E, mx, ID, fair (Bolland 2/17)  
 1430 in E, ann freqs & pgm details, nx (Zilmer 2/25)  
 21535 SOUTH AFRICA RSA 1133 in E, So Afr Hit Parade, QRM (Park 3/3)  
 21560 WEST GERMANY DW 1529 in G, vocal chorus (Levison 3/4)  
 21570 SWITZERLAND SRI \*1315-1345\* in E, IS, ID, nx (Trotto 2/25)  
 21585 IRAQ R. Baghdad 1715 in AR, ID, chants, vg sig (Wood 2/15)  
 21600 WEST GERMANY DW 1902 in GM, nx in GM (Hankins 2/26)  
 21605 AUSTRALIA RA 0852-1000 in E, nx, light mx, this freq not listed  
 in current WRTH (Wood 2/8, Park 2/18)  
 21615 USA WYFR Family Radio 1600 in E, Bible Study pgm (Pieper 2/29)  
 21640 JAPAN RJ 0130 in E with nx (Hankins 2/27)  
 21640 BANGLADESH RB \*0800-0845 in E, ID, ... "first trans to Europe"..  
 into Bengali nx, mx, QRM fr RFE & jamming (Wood 2/10)  
 21640 MADAGASCAR RN relay 1655-1720\* in AR, mx concert, ID (Bobb 2/24)  
 21655 UNITED ARAB EMIRATES Dubai 1304 in AR, nx (Levison 3/8)  
 21665 RADIO FREE EUROPE West Germany "R. Svobodna" in Polish (Bobb 2/24)  
 21670 PHILIPPINES AFRTS 0115-0145 in E, sports rpt, nx (Park & Zilmer)  
 21675 KUWAIT KBS 1145 in AR, vocal chorus (Levison 3/8)  
 21685 FRANCE RFI 1907 in FR, contin disc by M in FR (Hankins 2/26)  
 21695 UNITED ARAB EMIRATES Dubai 1047 in E, nx, strong (Schulze 2/4)  
 21700 NORWAY RN 1300 in NO, ID, nx //25730, both vg (Wood 2/6)  
 21735 NORWAY RN \*0655 IS, 0700 into NO, nx, very good (Wood 2/3)  
 21750 USSR R. Rodina 1430 in RS, mostly folk mx, QRM from jamming of  
 R. Liberty on 21745, s/off at 1500 (Prath, 2/25)  
 21755 PAKISTAN RP \*1000-1059 in IN, then into Burmese at 1100, ID in E  
 at 1200, local mx, //17640 (Wood 2/12, Schulze 2/4)  
 21802 PAKISTAN RP 1000 in E, cricket match against Sri Lanka //17660,  
 (Wood 2/9, Schulze 2/4)  
 21815 BELGIUM RTBF 1400 in E, Brussels calling Asia //17610 (Zilmer 3/5)  
 21840 USA VOA Greenville 1900 with nx in E (Hankins 2/26)  
 25790 SOUTH AFRICA RSA 1326 in E, mx greetings (Levison 3/3)  
 26000 USA VOA Bethany 1900-2230 in E, African Panorama (Jordan, Bonnet)  
 26020 ECUADOR HCJB 1930 in E, nx, rel disc (Hankins 2/26) WRTH lists this  
 freq at 100 watts ?

Quite a deluge of reports but Log D includes a backlog from last month, I guess. Some omitted reports failed to list the recep time. Remember to include this important element. Best regards to all members.

# LOG

# FRENDX

# REPORTERS

**Nick Pappas, 251 S. Olds Blvd., Apt. 243 Fairless Hills, PA 19030**

Hello and welcome to the April '84 edition of **FRENDX**. Thanks to the following forty-eight members for their contributions:

Brian Alexander, Mechanicsburg, PA; Marion Blanchette, Thonotosassa, FL (DX100, R600); Norman Bobb, Minneapolis, MN (R600, XCR30, ICF2001); Charles Bolland, Lakeworth, FL (R70, FRG7000); Arthur Bonnet, West Lafayette, IN (DX400); Ralph Brandi, University Park, PA (ICF2001); Richard Cassidy, Logansport, IN (R1000, ICF2001); Ken Cobb, Portland, ME (RF4900, RF2800); Richard D'Angelo, Wyomissing, PA (R70, NC190, RF2900); Ronald David, New York, NY (DX160); Richard Dickson, Loveland, OH (DX302); Peter Dillon, Philadelphia, PA (Zenith 3000-1); Marlin A. Field, Hillsdale, MI (SPR4, SX100); Ray Forsgren, Chippewa Falls, WI (SW717); Karl Forth, Chicago, IL (HQ160, R70); Neil Gillis, Reading, MA (R70); Art Hankins, Greensburg, PA (R1000); Michael Hawk, Hampton, VA (XCR30, GE World Monitor II); Brian L. Jones, Houston, TX (R70); Rufus Jordan, Pittsburgh, PA (DX302, Zenith Transoceanic); Tom Laskowski, South Bend, IN (ICF2001); Arnold Lausevich, Milwaukee, WI (HQ180C, RF4800); Tom Mazeltine, Seattle, WA (FRG7, ICF5900W); Randy McCormick, Danville, PA; John McKellar, Mountain View, CA (DX160); Travis McLemore, Clearwater, FL (FRG7); J. Conrad Meaders, Atlanta, GA (DX302); John Mosman, Champaign, IL (FRG7, SW4A); Bill Muzyk, Woodside, NY (RF4900); Ray Niekamp, Minneapolis, MN (DX200); Dale Park, Honolulu, HI (ICF6700W); Sheryl Paskiewicz, Manitowoc, WI (DX302, DX400); Gary R. Pieper, Fraser, MI (R600); John Prath, Ft. Lauderdale, FL, (FRG7, FRG7000, RF4900, DX160); Christos Rigas, Chicago, IL (R2000); Roland Schulze, Stuttgart, FRGermany (R70mod, R7000mod, R6C); Bryan P. Sharpe, Castro Valley, CA (DX302); Betsy Sinnacher, Dallas, TX (RF2600); James Smallwood, West Berlin, Germany (RF4900); Ron Trotto, St. Cloud, FL (DX100); Pete Tutak, Jersey City, NJ (R70, HQ180A); George Vadino, Bellevue, WA (RF4800); Dave Valko, Dunlo, PA (DX160, FRG7, R388); Jim Weber, Warrentown, VA; Terry Weinhold, East Earl, PA (R1000, SPR4, HQ180A); William Wildes, Birmingham, AL (R1000, R4C); Eric Witzig, Annandale, VA (R1000); Richard E. Wood, Abha, Saudi Arabia (R7, R1000); Robert Zilmer, Rio Rancho, NM (R1000, ICF5900W).

My apologies to Bob Zilmer, whose name was omitted from last month's credits page.

Until next month, 73's and good DX.

*Nick*

## HAVE YOU HEARD.....?

### Africa

- Algeria
- Anglo-Egyptian Sudan (Sudan)
- Angola
- Ascension Island
- Azores
- Basutoland (Lesotho)
- Bechuanaland (Botswana)
- Belgian Congo (Rep. of the Congo) (Zaire)
- British Somaliland (Somali Dem. Rep.)
- Canary Islands
- Cape Verde
- Comoros
- Egypt (United Arab Republic) (Egypt)
- Ethiopia
- Fernando Poo (Equatorial Guinea)
- French Cameroons (Cameroon)
- Fr. Eq. Africa (Central Af. Empire)
- Fr. Eq. Africa (Chad)
- Fr. Eq. Africa (People's Rep. of the Congo)
- Fr. Eq. Africa (Gabon)
- Fr. Morocco (Morocco)
- Fr. Somaliland (Afar & Issa) (Jibouti)
- Fr. Togoland (Togo)
- Fr. West Africa (Dahomey) (Benin)
- Fr. West Africa (Guinea)
- Fr. West Africa (Ivory Coast)
- Fr. West Africa (Mali)
- Fr. West Africa (Mauritania)
- Fr. West Africa (Niger)
- Fr. West Africa (Senegal)
- Fr. West Africa (Upper Volta)
- Gambia
- Gold Coast (Ghana)
- Italian Somaliland (Somali Dem. Rep.)
- Kenya
- Liberia
- Libya
- Madagascar (Malagasy Republic) (Madagascar)
- Mauritius
- Mozambique
- Nigeria
- Nigeria (Biafra) (Nigeria)
- Northern Rhodesia (Zambia)
- Nyasaland (Malawi)
- Port. Guinea (Guine Bissau)
- Rio Muni (Equatorial Guinea)
- Reunion
- Ruanda-Urundi (Burundi)
- Ruanda-Urundi (Rwanda)
- Sao Tome
- Seychelles
- Sierra Leone

- South Africa (Rhodesia)
- Southern Rhodesia (Zimbabwe)
- South West Africa (Namibia)
- Spanish Morocco (Morocco)
- Spanish Sahara (Morocco)
- St. Helena
- Swaziland
- Tanganyika (Tanzania)
- Tangier (Morocco)
- Tristan da Cunha
- Tunisia
- Uganda
- Zanzibar (Tanzania)

### Asia

- Aden (Dem. Rep. of South Yemen)
- Afghanistan
- Armenian S.S.R.
- Asiatic R.S.F.S.R.
- Azerbaijan S.S.R.
- Bali & Lesser Sunda Is. (Indonesia)
- Bhutan
- Borneo (Kalimantan, Indonesia)
- Br. North Borneo (Sabah, Malaysia)
- Brunei
- Burma
- Celebes (Sulawesi, Indonesia)
- Ceylon (Sri Lanka)
- China (People's Republic of China)
- China (Taiwan)
- Cyprus
- Dodecanese Islands (Rhodes, Greece)
- Fr. Indo China (Dem. People's Rep. of Vietnam)
- Fr. Indo China (Rep. of Vietnam) (D.P.R. of Vietnam)
- Fr. Indo China (Cambodia) (Khmer Republic)
- Fr. Indo China (Laos)
- Georgian S.S.R.
- Goa (India)
- Hong Kong
- India
- India (E. Pakistan) (Bangladesh)
- India (Pakistan)
- Iran
- Iraq
- Japan
- Java (Indonesia)
- Kashmir (Azad Kashmir)
- Kazakh S.S.R.
- Kirghiz S.S.R.
- Korea (Dem. People's Rep. of Korea)
- Korea (Republic of Korea)
- Kuwait

- Lebanon
- Malaya (Malaysia)
- Maldives
- Manchuria (People's Rep. of China)
- Molucca Is. (Maluku, Indonesia)
- Mongolia
- Nepal
- Oman
- Palestine (Israel)
- Philippines
- Portuguese Timor (Timor, Indonesia)
- Qatar
- Ryukyu Islands (Japan)
- Sarawak (Malaysia)
- Saudi Arabia
- Singapore (Malaysia) (Singapura)
- Sumatara (Sumatera, Indonesia)
- Syria
- Tadzhih S.S.R.
- Thailand
- Tibet (People's Rep. of China)
- Trans-Jordan (Jordan)
- Trucial States (United Arab Emirates)
- Turkey
- Turkmen S.S.R.
- Uzbek S.S.R.
- Yemen

- Latvian S.S.R.
- Lithuanian S.S.R.
- Luxembourg
- Malta
- Moldavian S.S.R.
- Monaco
- Netherlands
- Norway
- Poland
- Portugal
- Romania
- Scotland
- Sicily
- Spain
- Sweden
- Switzerland
- Ukrainian S.S.R.
- Vatican
- Yugoslavia

## Europe

- Albania
- Andorra
- Austria
- Balearic Islands
- Belgium
- Byelorussian S.S.R.
- Bulgaria
- Channel Islands
- Czechoslovakia
- Denmark
- England
- Estonian S.S.R.
- European R.S.F.S.R.
- Finland
- France
- Germany (Dem. Rep. & E. Berlin)
- Germany (Federal Rep. of Germany)
- Germany (West Berlin)
- Greece
- Hungary
- Iceland
- Ireland (Eire)
- Italy
- Karelo-Finnish S.S.R.  
(European R.S.F.S.R.)

## North America

- Alaska
- Antigua
- Bahamas
- Barbados
- British Honduras (Belize)
- Canada
- Canal Zone
- Costa Rica
- Cuba
- Dominican Republic
- El Salvador
- Greenland
- Grenada
- Guadeloupe
- Guatemala
- Haiti
- Honduras
- Jamaica
- Martinique
- Mexico
- Montserrat
- Netherlands Antilles
- Newfoundland (Canada)
- Nicaragua
- Panama
- Swan Island
- Trinidad
- Turks & Caicos Islands
- United States of America

## South America

- Argentina
- Bolivia
- Brazil
- British Guiana (Guyana)
- Chile
- Colombia
- Ecuador
- Falkland Islands
- French Guiana
- Galapagos Islands
- Paraguay
- Peru
- Surinam
- Uruguay
- Venezuela

- Bougainville Is. (Papua New Guinea)
- Commonwealth of the Northern  
Marianas
- Cook Islands
- Fiji Islands
- Gilbert Islands (Kiribati)
- Guam
- Hawaii
- Neth. New Guinea  
(Irian Jaya, Indonesia)
- New Caledonia
- New Britain (Papua New Guinea)
- New Guinea Terr. (Papua New Guinea)
- New Hebrides
- New Ireland (Papua New Guinea)
- New Zealand
- Papua Territory (Papua New Guinea)
- Solomon Islands
- Tahiti
- Western Samoa

## Oceania

- Admiralty Is. (Papua New Guinea)
- Australia

## Antarctica

- Antarctica

### Countries Heard/Verified Totals

#### Asia

Heard \_\_\_\_\_

Verified \_\_\_\_\_

#### Africa

Heard \_\_\_\_\_

Verified \_\_\_\_\_

#### Antarctica

Heard \_\_\_\_\_

Verified \_\_\_\_\_

#### Europe

Heard \_\_\_\_\_

Verified \_\_\_\_\_

#### North America

Heard \_\_\_\_\_

Verified \_\_\_\_\_

#### Oceania

Heard \_\_\_\_\_

Verified \_\_\_\_\_

#### South America

Heard \_\_\_\_\_

Verified \_\_\_\_\_

### Totals

Heard \_\_\_\_\_

Verified \_\_\_\_\_

**HAP DIRECT SALE ITEMS:** The following stickers/decals are available for \$.25 each or any 5 (five) for \$1.00. New since last issue: KBBX, CPUN, KWK, CFRA, WLDS, Mercia Sound, KROY, WGAN, WLUP, KLOS, CFMO and WSM. We also have the following: RBI (large) (small), Die Lutherische Stunde, CFRB, Radio Bare, Radio SuperStar, CFRC, CKUA, CFRN, CKGY, Radio 210, Disco-99, Amateur Radio, WJNC, RCI, REI (blue) (red), Radio Vatican (small) (semi-cir.) (square), KCFM, ANARC (small), CFTI, RNE, WDR (rock) (small), Radio 270, 55-Country, Radio Derby, Rete Quattro, Polskie Radio, Radio Budapest, ORF, Metro Radio, KBOI, KPWN, KDKD, WCFL, WINS and ESPN.

**ADDITIONAL DIRECT SALE ITEMS:** The following items are available at the quoted prices: WLPX, WMWR and WNET metal badges at \$.25 each; mini-B&W poster from Radio London, Radio Nord, Voice of Syncom, Radio West, Radio Duomo (car) (woman), Radio Fil Rose, Radio Caroline each for only \$.25 each; RBI and Radio Beijing book markers at \$.25 each; WMWR book covers at \$.25 each; metal "Antenna" badge at \$.25 each; RCI plastic station pennants at \$1.50 each; WWNE large plastic litter bags at \$.50 each; RCI DJ photo cards at \$.50 each; and KIVI-TV plastic litter car bag at \$.50 each.

**HAP BID ITEMS:** ITEM #428: WMJS blue and yellow razor-very nice! #429: WMJS red and white razor-very nice! #430: Mercia Sound (UK) station pen, B&W, red. #431: CKO red and white station pen. #432: Mercia Sound 12" ruler, red, B&W-sharp! #433: FEBC (Philippines) paper pennant (4x9") m/c-rare! #434: Radio Peking "Mountain Village" cloth pennant (5.5x10.5") m/c. #435: Moray Firth Radio (Scotland) decal (2x12") m/c-nice! #436: Radio Five (South Africa) sticker (3x3") m/c. #437: Radio RSA (South Africa) T-Shirt (M) blue, white-very good looking! #438: Radio Korea cloth pennant (4x8") m/c. #439: WMS decal (5x5.5") m/c-very beautiful! #440: WWNE "Cleveland Indians" sticker (3x11.5") m/c. #441: CARF (Canada) sticker (2.5x8") m/c. #442: Radio Northland (New Zealand) sticker (4.5x6") m/c. #443: Deutschlandfunk (FRG) vinyl double sided pennant (5x8") m/c-excellent item! #444: Springbok Radio (South Africa) paper hat, green, yellow. #445: WPEZ paper hat, blue, white. #446: CBC-SouthWest Ontario plastic litter bag (7.5x10") gold, white. #447: Mercia Sound 24 page magazine (8.5x11") m/c-interesting! #448: Radio Libertaine (France) sticker (3.5x5") B&W. #449: RBI (DDR) station pin, blue, white. #450: KEZK-FM match book, brown, white. #451: CFMO station pen, gold, blue-very beautiful! #452: ORF (Austria) oval sticker in French, red, B&W. #453: Radio Moscow QSL card (4x6") m/c. #454: Mercia Sound key chain, red, white. #455: RBI double sided cloth pennant (5x8") red, white, blue. #456: Deutsche Welle cloth pennant (6x13") blue and white-very nice looking! #457: WKDW black and yellow razor-very nice! #458: Radio Veritas (Philippines) paper pennant (3x5.5") red, black, blue. #459: Radio Casino (Costa Rica) cloth pennant (4x8") green, white. #460: Radio Sweden cloth pennant (4x9") blue, yellow. #461: Radio Sweden International paper pennant (4x9") blue, yellow. #462: Radio Libertaine (France) "La Voix Sans Maitre" sticker (3.5x5") B&W-nice! #463: ADDX-EDXC (FRG) sticker (4" cir.) gold, blue-very good looking! #464: Mercia Sound decal (3x14") m/c. #465: WCVZ sticker (3.5x15") m/c-very colorful! #466: WCLB sticker (3.5x14") red, white, blue-nice! #467: KWWR decal (3x7") pink, white-nice! #468: Deutsche Welle (FRG) B&W station pen-nice! #469: Deutsche Welle leather key chain w/ money pouch, B&W-sharp! #470: Deutsche Welle key chain w/ combination knife and can opener, black, silver-beautiful! #471: Deutsche Welle new style sticker in English (4x4") m/c-beautiful! #472: Deutsche Welle new style sticker in German (4x4") m/c. #473: Deutsche Welle sticker in Spanish (4x4") red, white, blue. #474: Deutsche Welle sticker in German (4x4") green, B&W. #475: Deutsche Welle sticker in English (4x4") green, B&W. #476: Deutsche Welle new style sticker in Spanish (4x4") m/c-beautiful! #477: KROR-97 blue and yellow frisbee (9" cir.) white! #478: Radio RSA blue and white T-Shirt (L) with logo-beautiful! #479: WWSH T-Shirt (S) white with yellow sleeves. #480: WWSH T-Shirt (S) white with black sleeves-very good looking! #481: BRT (Belgium) large plastic paper holder (2.5x6") blue, black. #482: BRT large plastic paper holder (2.5x6") B&W. #483: Radio Bristol (UK) cloth arm patch (2.5" cir) red, white. #484: Radio Bristol sticker (5" cir) red, white. #485: BRMB Radio (UK) sticker (5" cir) red, B&W. #486: CKO sticker (3.5" cir) m/c-nice! #487: KUOM double sided record coaster (3.5" cir) B&W. #488: 4XO (New Zealand) sticker (3x7.5") white, blue, yellow. #489: Radio Peking cloth pennant "Girl w/ Building" (6x11") m/c. #490: Radio Peking cloth pennant "Boy and Girl w/ balloons" (6x11") m/c. #491: Radio Korea sticker (3.5x5") "Wedding Day" m/c-beautiful! #492: Radio Monte Carlo (Monaco) sticker (2.5x6") red, white. #493: Swansea Sound (Wales) decal (4.5" cir) m/c-beautiful! #494: Radio Forth (Scotland) key chain, B&W, orange. #495: Radio Sweden money pouch, black, gold. #496: Radio Shetland (Shetland Islands) sticker (3.5" cir) green, white. #497: RBI (DDR) plastic badge, m/c-sharp looking! #498: CKKL rainbow sticker (5x5") m/c. #499: South Coast Radio (Ireland) sticker (4x4") red, white, black. #500: Radio Forth (Scotland) paper coaster (3.5x3.5") orange, B&W. #501: KAIM (Hawaii) sticker (4x7") blue, white. #502: HGJB-FM (Ecuador) sticker (3x8") B&W-very nice! #503: KNUU (Hawaii) sticker (4x7.5") red, white. #504: Radio Nacional do Brasil sticker (3.5" cir) m/c-beautiful! #505: WVVI (Virgin Islands) sticker (3x5") blue, white. #506: Radio Berlin International (DDR) large plastic litter bag (11x17") m/c. #507: Radio Sweden station poster (12x16") m/c...Hope you like this selection...Sam.

**ADDRESS:** Send your bids and orders for direct sale items to Sam Barto, 47 Prospect Place, Bristol, CT. USA 06010. Please try to keep your minimum order on direct sale items to at least \$3.00. Overseas orders please add extra if you desire airmail delivery...Sam.

**REQUEST:** We would like to make the 1984 ANARC Convention in Toronto the most successful event ever. We desperately need any, and all types, of radio and TV station promotional items. These may include, but are not limited to, stickers, decals, pens, pins, mugs, books, records, T-Shirts, station pennants, coasters, litter bags, razors, rulers, hata, key chains, match books, frisbees, patches, etc... We are asking you, our supporters and friends, to help us out. Please send all donations to the above address...Sam.

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