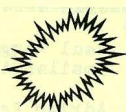


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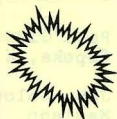
the dx radio magazine
for active shortwave listeners



WE



NEED



YOU



SEE PAGE 59

to find out how you can help out your SPEEDX
organization. We do **NEED YOU NOW!**

FEBRUARY 1984

VOL 14 NO 2

SPEEDX SPOTLIGHTS

THESE SPECIAL DX'ers and SWL's

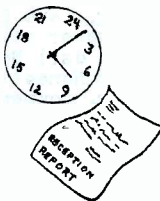
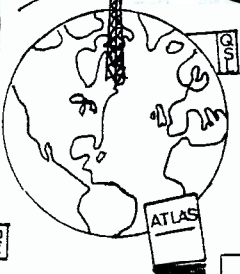
David Sharp, Editor

This month, we give a hearty welcome to 13 new Full Members!

TOM KEPHART.....MI	NORMAN CADORETTE...MA	ROBERT SWINN....CA
SATOSHI MIYAUCHI..JP	LARRY CHICKERELL...WV	ROBERTA HOWARD...MO
JOHN PRATH.....FL	LARRY DANKO.....NJ	JOHN HENAULT....MA
JAMES UERLINGS....OR	CLARENCE WHITE....KS	WILLIAM THIM....CT
	MELVIN FLANNAGAN...VA	

This month, there are 50 new and rejoining members!

Scott Schmautz Huntington Stn, NY	Chris Altwegg Seattle, WA	Paul Wenger Ypsilanti, MI
Charles Salladin Oswego, NY	Albert Arnold Chesterfield, VA	Adrian Peterson Poona, INDIA
John Minnich Los Gatos, CA	Dennis Upchurch Muncie, IN	Aivars Vimba Reading, OH
Francois Jacot-Guillarmod Bonaero Pk, SOUTH AFRICA	Joseph Gaffney APO San Francisco	Roger Pettengill Mattawankeag, ME
Bruce Gustafson Roscoe, IL	Francis Harrington N. Grafton, MA	Harver Harrison III Sandersville, GA
Daryll Symington Holland, OH	Michael Winiarz St. Hubert, PQ	David Johnson Orofino, ID
Gary Driskell Decatur, IL	Steven Berman Briarwood, NY	David Spraker Schnectady, NY
John Oliveira Fresno, CA	Lee Bottom Grand Junction, CO	Rich Eddie St. Louis, MO
George Foreman Randolph, NJ	Charles Watson Philadelphia, PA	Paul Clemmer Topeka, KS
Jim Cox El Monte, CA	Richard Gula Boston, MA	John Solon Madison, WI
Alan Lees Devon, PA	George Avery Yeadon, PA	Russel Lay Virginia Beach, VA
William French Huron, OH	Rich Sovacool Cuyahoga Falls, OH	Bill Bradford Pittsburgh, PA
Ronald May Cincinnati, OH	John Cauvel Bedford, MA	Floyd Walker Ft. Wayne, IN
Alfred Baker Grants Pass, OR	Robert Becker Kent, WA	William Cooke Kailua, HI
Earl Finch Wayne, MI	John Carey Savanna, IL	Doug Watson Scandanavia, WI
Jeff Knapp Charleston, WV	Robert Willis Santa Fe, NM	Herb Depke Westminster, MD

DX**MONTAGE**

DAVID SHARP
17602 MEADOWBRIDGE
LUTZ, FL 33549

DEADLINE: 12th of
the month

contests*club info*tips
anecdotes*humor and fun

H1 folks, and greetings from a rather frigid Florida. Things are beginning to warm up, but we've had temps in the sub-teens, so it's been cold, to say the least. Over to the side is a veri from Tristan da Cunha....r'cvd at ye ed's QTH on the 28th December; I had meant to send it into Leon at the QSL column, but time slipped, and before I knew it, it was deadline time (srl, Leon!). Anyway, thought you folks would like to see it. Well, enuf of chit-chat, onto the column!

SPEEDX offers its condolences to the relatives, friends and members of the IDXCSD. That's the San Diego club founded by Larry Brookwell. Specializing in equipment reviews, the club came from nowhere to become a very popular publication. Through the efforts of a devoted hobbyist. One Larry Brookwell. We are sad to report that Larry died just before Christmas at age 84. As a personal friend, I will miss meeting him at local meets and chatting on the phone a couple of times a month. Efforts are now being made to keep Larry's popular publications going, thanks to the efforts of Radio West, Grant Manning president. So Larry, R.I.P! Thanks for the input to the hobby! We will miss you much. Don Johnson.

SPEEDX is also sorry to announce the death of John Clements...and we offer our sympathy to family and friends. Age 34. John was the founder of the Longwave Club of America 10 years ago and was the author of the LW section in our prior utility book. A friend to all who knew him. (While I did not know these men personally, I certainly knew about their contributions to our beloved hobby. R.I.P, OM's! ds.)

Radio Tirana World Service, a satirical feature by Woody Sevmour, Jr.-NC: Over the years, SW listeners have not shown much positive response to the programming of Radio Tirana, Albania. Don't think that this has escaped the notice of the program planners at RT. For some time now, as part of the country's 6th Five-Year Plan, they have been carefully planning the most ambitious project in the history of the station--the Radio Tirana World Service. Headed by RT programming head Jerry Caster, Radio Tirana now offers the following programs:

Needless to say, news will play a major role in the station's programming plans. The first 5 minutes of each hour will be taken up with **NEWS HEADLINES**, followed by a 20 minute look at the **NEWS IN DETAIL**. The news bloc concludes with a 5 minute **REPEAT OF NEWS HEADLINES**. The remainder of each hour will be filled with feature programs. Some of the new programs include: **TIRANA NIGHTS** (a look at the night life in the Albanian capital), **WE LOOK AT THE WORLD** (a critical look at the weaknesses of a different country each week) **DON'T CALL US, WE'LL CALL YOU** (a phone-out program), **MAILBOAT** (a look at listeners' letters), **ALBANIAN BY RADIO** (a 62 part language course), **COMRADE'S CORNER** (a different worker is interviewed each week), **HAIL HOXHA** (an ambitious dramatization of the life of Albania's leader in 799 parts) and **WORKER'S PARADISE** (a daily travelogue of Albania). Of course, local music will still be featured....keep your ears open for this broadcasting milestone! (Let's hope RT hires new announcers! Hi! Hope you got your pc's, Woody! ds.)

Wow! This page went in a hurry! See ya'll on page two! ds.

THE
BROADCASTING SERVICE
OF
TRISTAN DA CUNHA
SOUTH ATLANTIC OCEAN

ZOE

TO...

THE BROADCASTING SERVICE OF TRISTAN
DA CUNHA THANKS YOU AND ACKNOWLEDGES
YOUR RECEPTION REPORT OF 6 MARCH 19 83

A. L. Patterson
DIRECTOR OF BROADCASTING ZD9BZ

Pin the Tail on Ye Ed: Last month, I wanted to know how long it would take a radio signal to travel around the earth at the equator. We had a four-way tie... Peter Card-RI, Pat O'Connor-NH, Dave Claytor-OH, and Gary Bledsoe-FL all came pretty close to my answer of 133.5 milliseconds. So, they will all r'cve some nice pc's from the Tampa Bay area. Congratulations also to Charles Hodgson-So. Afr., and Bonnie Wieboltdt-FL, late entries to the DW contest. To each goes a bumper sticker (Bonnie, your prize was returned in the mail, pse write again, ds.) Now this month's questions: What is the more common name for "Kalaallit Nunaat?" First correct entry will r'cve a Vatican State First Day Cover, commemorating Vatican Radio's 50th anniversary, graciously donated by Mike Harris. Runner-up to get a Radio Bucharest pocket calendar.....

Final episode... I Was a DXer For Warden Slate, by John Demmitt-PA: I was having so much fun at the receiver, I forgot to fill out the reception forms. Before long, another guard came, wanting my reports. But I told him there was too much jamming on 9770. Unfortunately, he didn't buy my story, and left, only to be followed by Slate five minutes later. Slate said he was wise to me because he knew the Soviets would not jam 9770 24 hours a day since the freq. was also used by East Germany and Cuba. My punishment was three days in that cell with the blasting vx from the YL on R. Tirana. Warden Slate later assigned me to various jobs, such as unloading mail from the radio stations, and sorting the mail... separating the QSLs from souvenirs. I then logged all of the QSLs and filed them away in Slate's library. This continued for weeks...but finally, someone on the outside figured out what Slate was doing. The news of his arrest delighted all of the captive DXers, for this terrible dream was over. I will continue to DX, but I doubt I'll ever listen to 9770! (Tx for the contributions, John. Can't wait to see the movie, hi! ds.)

From Carl Olson-MD, comes word that he has begun a telephone DX service, where hot tips, etc. will be recorded. The system will be revised at about 0000 GMT, and reviewed at 1200 GMT for any hot DX. Interested MD DX'ers can phone-in to this system at 301-588-0846. Looks like a good way to keep up on late DX material.....ds.

Donald Black-NH, says a fellow in South Africa is wanting a pen pal here in the States. Anthoneal Bailey, 21 Zuurberg Rd., Heidveld, 7764, Capetown, 8000, South Africa, is 18 yrs. old and about to start college for mechanical engineering....C'mon SPEEDXers, let's flood him with letters! ds.



Strange things from the Argentine P.O.: Barry Brensal-FL recently wrote in to inform that upon sending a reception report to the FIBS, he received his letter via return mail from Argentina, and enclosed were 3 other pieces of mail from other folks in the U.S. Personally, I don't know why such things have been happening, but those of you wanting to send a rpt to FIBS should note on the envelope that the letter should be sent thru Britain, as the Argentines will not forward mail to the Falklands....ds.

Inaugural Edition...DXM Computer Corner: This month, we highlight the new CompuScan 2100. This receiver, manufactured by Bearcat, turns your personal computer into an informational terminal...a high quality receiver that scans up to 200 communications channels. It sets levels of priority, so calls can be heard in order of importance. It covers 29-54 MHz in 3 bands, 118-174 MHz in 4 bands, and 421-512 MHz in 3 bands. Sensitivity seems to be good, and many features are offered. If you'd like more info on the 2100, drop a line to ye ed or to: Electra Co., 300 East County Line Rd., Cumberland, Indiana 46229....(Tx to Don McCants-AL for this...ds.)

Via Peggy Thompson-CA: Radio West has the ICF 7600D's in stock for 225.00, and ICF 2002's are on the way. Wanna know what other goodies Grant has in store for you? Send 50¢ to Radio West, 3417 Purer Rd., Escondido, CA 92025, for the latest catalog. If you live in So. CA, why not drop by Radio West for the Grant tour? (BOO!!!) Peggy says it's a real treat!

Itchiban! That's the only word I know in Japanese (and it's probably spelled wrong!) Anyway, it's to inform our Japanese readers that Ted Fleischaker is still wanting to trade FM tapes with someone in Japan. Ted would like unedited easy listening music, and in return, he will trade you any format you want. For more info, write Ted at: 3023 Tremont Dr., Louisville, KY, 40205. You'll be glad you did!

On to page three of DXM!



SPEEDX projects are alive and well...and here is the latest low-down from Kraig Krist, ye olde Projects Coordinator; Hello and welcome to the first Project Coordinator Quarterly Report. I want to pass along my best wishes to all in the New Year. These reports are designed to keep the membership up-to-date on projects that we are currently undertaking. I've tried soliciting items from individual contributors, but this piece-meal method just did not work. I would like to hear from members who can complete a whole info pamphlet...write me with your ideas or see March 1983 SPEEDX. I'm still accepting items from individuals for projects already begun; my USSR spy is currently updating the "Guide to Soviet Broadcasting" and I know we're all excited to see it. Thanks to all those who sent in abbreviations, especially Hiromasa Sato of Japan for his letter about some of the confusion caused by some of our abbreviations. Remember, SPEEDX is a world-wide club, and abbreviations common to the Americas may cause problems for overseas readers. So, opinions from overseas readers concerning abbreviations would be welcomed. I received a great idea from Phillip Dampier, and that is to combine QSL, pennant, and station freebie info into a booklet called "Station Potpourri." The QSL info will list stations that have special requirements to obtain a QSL card (such as the BRT). Likewise for the pennant info (R. Tashkent only sends a pennant for 15 correct reception reports sent under a separate cover.) Phillip gave me the idea on station freebies from his information on CBC Publications. Before closing, please note my new QTH: 6200 Wilson Blvd., Apt. 1019, Falls Church, VA 22044, U.S.A. Hoping to have a good membership turnout for our projects. 73s, Kraig. (Look forward to periodic rpts from Kraig...and let's bombard him with ideas! ds.)

From Don Johnson-CA: Editors for Asia, Pacific, Europe, Near and Middle East, and North, South, and Central America are needed for a new SW magazine. Miller Publishing is looking for shortwave listeners with a regional expertise to write a regular column on SW programming. Editors will be responsible for at least four columns a year, and must be meticulously accurate. Starting salary is 25.00 per column. Interested? Then get more information from Miller Publishing, 424 W. Jefferson St., Media, PA 19063, or call Larry Miller (no collects) at 215-565-6867.....

Some folks have been writing in to find out how tri-lingual forms may be obtained. They are now available from John Trautschold, at: P.O. Box 861, Menomonee Falls, WI 53051-0861. They are no longer available from Vera Crable, as John T. is membership chairman now.

From the Paper: Traver Smith-CA recently forwarded the following article from the December 14th San Francisco Chronicle: Living in the Ecuadorian jungle had a few apparent benefits, but I was quite aware of the sacrifices, one of which was media input. The only contact I had with The World was a small, battery-powered Sony with two SW bands. Believe me, I appreciated that radio.

But my time in Ecuador, as well as the Peace Corps, concluded, and ever since I've been smothered in media. From newspapers, radio and the tube to billboards and junk mail, my mind is perpetually blitzed by other people's messages. With all that information overload, why should I keep up with shortwave radio?

When it's bad, it's static-filled, unreliable, and nearly incomprehensible, but when it's good it offers one thing I prize- thoroughly different opinions. Politics is the best example, from BBC's Falkland coverage to R. Moscow's opinion of the Korean airliner affair, or R. Havana's perspective on the Grenada invasion. (Unfortunately, we can't hear R. Grenada's version since we destroyed the station during the action and they're still off the air.) Besides politics, there's music like you've never heard before, cultural insights from the cultures themselves, and language opportunities such as German and French classes put on by respective stations. All it takes is a capable receiver and some spare time in the evenings to explore the dial. (Nice to see more articles like this in the papers....ds.)

Well, this page slipped by ever so quickly. Have been receiving inquiries from a few folks wanting to contact me by phone. Here is my number (it is unlisted): 813-949-4847. Best time to reach me is after work at 0400 GMT. Please, no collects! Gotta wrap things up, but TNX go out to the 20+ contributors which made this column possible.

CRACKER COUNTRY; Meter Band, noun; sum of all the stations broadcasting, minus the IQ of everything you've ever forgotten about SW, divided by the no. of hours spent erecting antennas, times the square root of your shoe size.....

Best + 731s.

David

Tips and Topics

THE FEATURE SECTION OF SPEEDX

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

INDEX

INDEX TO TIPS AND TOPICS 1983

by Dave Maxfield, INdXer

	<u>Month</u>	<u>Page</u>
ACCESSORIES		
...MFJ-104 24-Hour Clock (Hull)	Aug	52
Try a Stereo Graphic Equalizer (Maxfield)	Aug	56
ANTENNAS		
The Basic Invisible Antenna (Forrester)	Mar	48
The MFJ-1020 Active Antenna... (Hull)	Aug	52
To Spend or Not to Spend (E.O.C. HFA-003, Active Whip) (Rocha)	June	51
A Tropical Band Antenna (Huffaker)	Sept	52
A User Review of the Slinky Dipole Antenna (Murff)	Aug	55
COMPUTERS		
Computers and RF Interference (Pfeffer)	Dec	49
Computers in Your Radio Hobby (Kobylski)	Nov	55
Ham Band Computer Bulletin Board (Blaisdell)	May	56
Interface Now (Raymond)	May	52
Kantronics CW/RTTY/ASCII Computer Interface (Brock)	Nov	54
Noisy Computers (Opitz)	Aug	56
Timex Sinclair 1000 Computer (Pfeffer)	Feb	48
Corrections	May 57,	Dec 53
What to Look for in a Home Computer (Hesch)	Dec	50
DXING/SWLING		
And That's the Way It Was (Brewer)	Apr	53
Aspects of African DX (Sharp)	June	54
Down to Earth Facts About DX Programs (Dampier)	Oct	51
(Ham vs. SWL) A Rebuttal to a (1982) Response to a Response (Card)	Apr	51
Handy Items to Have in the Shack (Kanopka)	Jan	52
World of the (Finnish) DX Listener (Wood)	June	52
DX/SWL CLUBS		
The First SPEEDX Survey—Analysis (Hansen)	Aug	29
A Review of the 1983 EDXC Conference (McKinney)	Sept	55
Welcome to ANARC '83 (Trautschold)	Aug	5
INDEX TO TIPS AND TOPICS 1982	Jan	48
INTERFERENCE		
Computers and RF Interference (Pfeffer)	Dec	49
Noisy Computers (Opitz)	Aug	56
LITERATURE REVIEWS		
BBC's "Voice for the World" (Burgess)	Mar	49
Kneitel's "National Directory of Survival Radio Frequencies" (Johnson)	Jan	51
"Popular Communications" (Monthly) (Maxfield)	Feb	52
Feedback	May 57, July	51
Soininen's "World of the (Finnish) DX Listener" (Wood)	June	52
"SPEEDX Reference Guide to the Utilities" (Demmitt)	Dec	52
Traister's "Shortwave Listener's Handbook" (Flick)	Apr	53
PROPAGATION		
Gray Line DXing (Flick)	Mar	50
Solar Flares Effect Radio Reception (Carlson)	Mar	50
RECEIVERS		
How to Evaluate a Used Receiver (Hansen)	Nov	57
Receiver Selection (Hansen)	July 56, Sept	57

	<u>Month</u>	<u>Page</u>
The Bearcat DX-1000 (Nikolich)	Aug	52
The ESKA Receiver RX-12-PL (Calabuig)	Nov	51
ICOM IC-R70 Communications Receiver (Pokatiloff)	Feb	49
Correction, Update	Mar 49,	May 55
ICOM's IC-R70 Receiver: A Product Review (Palmer)	Apr	48
ICOM IC-R70 and Drake R7A Comparison (Pokatiloff)	Apr	50
Comparison of ICOM IC-R-70 With Drake R-7 and JRC NRD-515 (Baxter)	June	50
Reply (Pokatiloff)	Aug	55
Kenwood R-2000 (Pokatiloff)	Mar	48
Kenwood R-2000 (Osterman)	May	55
McKay Dymek DR-33C—Fadeless HIFI! (Pokatiloff)	Nov	54
Panasonic RF-2200 (Shamblin)	Aug	53
New Radio Shack DX-400 Digital PLL Readout Receiver (Karns)	Dec	48
Don't Junk Your Panasonic RF-2600 (Palmer)	Jan	50
Sanyo M-7770k r-Band Stereo Radio Cassette Recorder (Watts)	May	53
SONY ICF-2001 Warranty From Discount Houses (Brewer)	May	54
How to Make Patchcord Tape Recordings on SONY ICF-2001 (McCants)	Feb	50
Feedback	May	56
Sony ICF-7600A FM/MW/SW 9-Band Receiver (James)	Aug	54
RECEIVERS, FM		
New Device to Improve FM Reception in Cars (Treanor & Kreer)	May	55
RECEIVERS, VINTAGE		
Dream Receiver of the 1930's: The Scott Philharmonic (Mappin)	Dec	8
Ye Olde Receivers: A Restoration Primer (Sharp)	May	54
STATIONS, BROADCASTING		
About KGEI (Demmitt)	Oct	53
Azad Kashmir Re-Examined (Peterson)	Feb	52
Background Information on TIFC, Costa Rica (Sharp)	Mar	52
Birth and Development of Radio Broadcasting in Egypt (Metwalli)	Oct	55
The Dilemma of Shortwave Programs and Stations (Dampier)	Sept	53
HGJB Corrects Internal Interference (Brewer)	July	54
In Defense of the Voice of America (Huffaker)	Nov	56
Is Single Side Band the Solution? (Sharp)	Feb	51
More (Sharp)	Dec	51
Out There Somewhere (Krist)	Feb	50
Saipan on the Air (Peterson)	July	51
Sixty Years With Adventist Radio (Peterson)	Oct	53
A Visit to Radio NYAB Bhutan (Peterson)	Oct	55
A Visit to the BBC in London (Hesch)	Sept	56
Voice for the World: The Work of the BBC (Burgess)	Mar	49
The Voice of Hope, Lebanon (Sharp)	Mar	51
STATION, UTILITY		
Operation Secure (M. Johnson)	Sept	55
SPEEDX Reference Guide to the Utilities (Demmitt)	Dec	52
WCC Chatham Radio (Fraser)	July	52
WWV-WWVH: The U.S. Time Base (Kanopka)	Feb	51

Past issues of SPEEDX are not available from headquarters. Ed.

Technical Roundup

RECEIVERS, ANTENNAS, EQUIPMENT
AND COMPUTER TECHNOLOGY

RECEIVER SPECIFICATIONS

by Tony Kobylski, WDX3TK

There are two types of receivers and these are general coverage and limited coverage. A limited coverage receiver is one which has a specific use such as an aircraft or marine radio. General coverage is a receiver that has several modes such as AM, CW, SSB, and FM. This type of receiver will usually cover a large range of frequencies. Most general coverage high frequency receivers will cover 150 kHz to 30 MHz. This may be in several selectable bands or in a continuous range.

Signal to Noise ratio, written as S/N is one of the first specs to look at. When you tune a station and hear the voice and background noise, the relationship between these

is called the signal to noise ratio. The noise used here to make this measurement is the internally generated noise of the receiver. This does not include the QRM or QRN which may be present on the frequency. S/N is expressed in dB's. If the received signal is 10dB greater than the noise it is said to be 10dB S/N ratio. Each receiver has its own ultimate signal to noise ratio and this is the point where any further increase in received signal strength will make no difference in its quality.

Input impedance is another spec to consider. Input impedance is stated in ohms and is that impedance at the antenna at which the receiver will perform best. Maximum signal transfer will be obtained when the antenna impedance is the same as that of the input to the receiver. Some receivers have an antenna tuner or trimmer and this is the control used to match the antenna to the receiver. This is not the same however as a device which will tune the antenna electrically to appear to be a certain length with respect to the wavelength of a desired signal. Many receivers have more than one antenna input. These are to allow the user to have several different antennas and have them matched properly. The most common are 50 to 75 ohms, 300 ohms, and 2000 or infinite impedance.

The next spec to consider is sensitivity. This is probably the most familiar parameter of a receiver to all SWL's and one of the most often used by them in comparing two receivers. This is usually expressed in micro-volts (μV). The lower the number of μV 's the greater the sensitivity. This should be considered for all modes of operation. Let's look at a sensitivity spec. The spec says a radio has a sensitivity of $2\mu\text{V}$ for a 10dB S/N at 50 Ohms in the AM mode. The spec if properly written will contain all of these items. The spec tells us that a signal of $2\mu\text{V}$ at the antenna with an input impedance of 50 ohms in the AM mode will produce a S/N of 10dB. This may vary with band or frequency so you should also inquire for what frequency the spec is stated. For a minimum consideration, you should have the μV and S/N figures.

Next let us consider selectivity. The ability of a receiver to separate two stations on an adjacent frequency is called its selectivity. This will be closely related to the Bandwidth. Both selectivity and bandwidth are actually indicated in standard spec. The BW of a radio reveals how wide a signal can be passed by the IF stages with a maximum signal loss of -6dB. A 10 kHz BW indicates that information plus and minus 5 kHz of the center frequency the radio is tuned to will be -6dB. You will sacrifice audio quality to achieve greater selectivity by narrowing the BW. 10 kHz is okay for regular listening and okay for some people on shortwave. But the serious DXer may be willing to sacrifice that audio response for the increased selectivity. For these serious listeners the following BW is suggested--4 kHz to 6 kHz for SWBC, 2 kHz for SSB voice and 500 kHz for CW and RTTY. A spec may state that the selectivity is 6 kHz at -6dB and 20 kHz at -60dB. If you listen to a signal on 11700 and a second station is on 11690 the second station signal would be reduced by -60dB relative to the desired signal. The BW is determined by the IF amplifier circuit design. Modern receivers use selectivity blocks as opposed to the old tuned stages. These blocks are usually ceramic or mechanical filters.

Type conversion is another regularly touted feature of receivers. Many receivers today are called single, double or triple conversion. Signals tuned are converted to a special frequency called the intermediate frequency. This may be then converted to a second or even a third frequency thus the term double or triple conversion. This may be done for several reasons but the greatest advantage may be the absence of images.

Let us now talk of stability. This is one of the least talked about spec. Stability is that ability of a receiver to stay at the tuned frequency even after the changing of electronic components in the local oscillator due to the warming of these parts. This will usually be given in a number of cycles after a specified warm up time. 150Hz after 30 minutes. An even less quoted spec is that of mechanical stability. This is the ability of a receiver to maintain the tuned frequency after being bumped or vibrated. Now you may feel that this only applies to a mobile unit. Nothing could be more aloof from the fact. There are vibrations going through your house even as you read this that you cannot feel. These are caused by the guy up the block with a jackhammer or that truck going by outside the house. You will not feel them but the transistors and ICs in your set will. If you live in a highly industrial area like I do you may want to consider how you have your gear set up. An IC loose in its socket can cause premature failure or degraded operation of the receiver.

Image rejection is the ability of the radio to reject an unwanted ghost signal that is produced by the mixing characteristics of every superhet receiver. The image signal is separated from the original frequency by a value two times that of the IF frequency. This may be above or below the center frequency due to the either high or low tracking of the receiver. Let's look at an example of an image. The IF frequency of the receiver is 455 kHz. The strong signal is broadcast on 15000 kHz. The image will be seen at the following frequency $(455 \times 2) + 15000 = 15910 \text{ kHz}$. This is for a unit having an oscillator that tracks high. The reverse is true of a receiver that tracks low $15000 - (455 \times 2) = 14090 \text{ kHz}$. Most receivers will have a rejection rate of 60dB or better. You can see by the mathematics

how double or triple conversion using a high IF frequency will have a better rejection figure.

In summary let me say this before you invest any money in a receiver. Shop around and don't be afraid to ask questions about the gear. Write to manufacturers and ask sales people, if they are knowledgeable. The best thing I have found is to talk to people who already own the equipment. Get their impressions and opinions. There is also one CAVEAT. Specs are written in the most complementary terms possible. In almost all cases they are obtained under laboratory conditions and are often written in an ambiguous manner. I have talked to some communications engineers and they even have trouble understanding some specs. Not all manufacturers will do this but don't be caught by the ones who do.

.....
A LOOK AT THE YAESU FRT-7700
ANTENNA TUNER

by Craig Krist, VA

When I moved from my parent's house into an apartment in June I eagerly reassembled my listening post and turned on my radio. I knew my radio reception might change. Little did I know how much of a change. I quickly discovered that the broadband active antenna

that brought me FIBS, KYOI, AFAN, Radio Algiers, and others at my parent's house brought me noise and overloading from local mediumwave stations at my apartment. I strung 200 feet of antenna wire around my balcony and received increased signal strength, but noise and local mediumwave overloading were still present. John Demmitt suggested I try wrapping an old broom stick with antenna wire. I did and this also improved signal gain, but once again the noise and local mediumwave overloading just would not go away. Up till this point I have been referring to shortwave reception since SPEEDX is a SW publication, but allow me to deviate from SW for a few sentences. I'll admit I enjoy MW DXing. Noise and local MW overloading were also present on MW, thereby limiting my MW reception. For example a station from Washington, D.C. (about 4 to 5 miles away and although close not causing the overloading that other stations such as WEAM in Arlington-- $\frac{1}{2}$ mile and WFAX in Falls Church were causing) there is a station on 630 kHz--WMAL that was only registering 3 on my FRG-7700's S meter. This should be a strong 5 reading! Getting back to SW WWV on 20000, 15000, 10000 and 5000 kHz only registered a 3 at their highest. I knew I had definite reception problems.

A brain storm hit me--"I needed an antenna tuner". So, I did some research and determined that the YAESU FRT-7700 Antenna Tuner was best suited for me. I choose the Yaesu Antenna Tuner for two reasons: 1) it is made by the same company that makes my FRG-7700 Communications receiver and 2) The price is attractive at \$59.00. My wife and I drove to EEB in Vienna and bought one. I enjoy dealing with EEB as the people are always friendly and most helpful. They even gave me a discount on the FRT-7700 because I bought my FRG-7700 from them--even though this was in 1981. So, with the discount the FRT-7700 Antenna Tuner cost me \$55.12 and this included tax.

Hooking up the FRT-7700 is very simple and the directions provided are easy to understand. I would say that hook-up took all of two minutes to accomplish. The results are astounding. SW signals that previously had been received from 3 to 4 are now being received from 4 to 5. Noise and MW overloading are completely gone. For Example, RBI on 11975 kHz at 0015 UTC can once again be heard as can Radio Tashkent at 1200 UTC. Don't expect miracles however, as if propagation is low (as currently is the case) the FRT-7700 can't pull signals out that aren't there, but if a signal is present, if only weak, the FRT-7700 will pull it out. Once again please allow me to give some MW examples. KDKA on 1020 kHz, and WBZ on 1030 kHz. Now KDKA is enjoyably received. I can also once again receive Longwave beacons, weather stations, and the Washington National Airport TIS on 530 kHz. Even with the unit turned off, just by having the proper antenna impedance is a great SWL/DX tool.

The FRT-7700 has on/off, antenna A/B (great for quickly switching between two antennas), DX BC (For MW)/SW BC (For SW), 0 thru 60dB (in 10 step increments) attenuator, band (0.15-.5, .5-2, 2-4, 4-8, 8-16 and 16-30 selection), matching (1,2,3, or 4), and tuning switches. When the tuner is on all switches are active. Just select the desired antenna (a or B), the DX BC or SW BC, the proper band, position the matching selector to the point where the S meter shows the strongest reception, and fine tune the signal with the tuning switch. When the unit is off, the antenna A/B, DX BC/SW BC, and the attenuator switches are still usable.

I was going to build my own antenna tuner as I have several schematics available. I first checked the 1984 Radio Shack catalog (why Radio Shack? Seems like they're everywhere and I could obtain the parts and build my antenna tuner quickly) and discovered that they didn't carry most of the parts I needed. I could have called local TV repair shops and/or ordered parts from any mail order electronics company, but time would be spent finding all the parts. Time is not really "free" and by taking this into account I decided it would be cheaper to buy, instead of construct, my antenna tuner.

I recommend the FRT-7700 Antenna Tuner for owners of the FRG-7700 Communications Receiver. I can't say how the FRT-7700 Antenna Tuner will work with non FRG-7700's as I have not tested it on such. To the owners of the FRG-7700's with similar reception troubles as mine, I say try the FRT-7700 Antenna Tuner. I hope the results are as favorable as mine.

.....
A REPLY TO THE DX-400 REVIEW
by Mark Koukol, SPEEDX Africa

Tips and Topics' lead off article for December, "Product Report on the New Radio Shack DX-400 PLL Digital Readout Receiver", contained a couple of erroneous observations that I feel may prove misleading

to beginning SWLs.

The first was in reference to the DX-400's ability to "receive two stations on the same frequency of different signal strengths and completely block out one or the other station" by using the antenna trim. If the two stations are indeed on the same frequency, there is simply no control available to the art that could provide the enviable function of interference-free selection of co-channel broadcasts. The only method by which a partial representation of this function may be attained is through the use of a highly directional, deep-nulling antenna, and sufficient geographical distance between the two stations to allow it to have some effect. Of course, stations on close but different frequencies can be separated to various degrees by use of pass-band tuning, sharper filters, etc.

The author of the review apparently misunderstands the function of the "antenna trim" control, which merely acts to roughly resonate the antenna to a particular frequency, not to individual stations on that frequency. I suggest that the effect the author describes is due to the following: when the antenna trim was peaked properly on 9525 kHz, clear reception of Radio Polonia was obtained (Havana being off this frequency after 0200); when the control was de-tuned, Havana was heard as an image from another Havana frequency, the non-peaked trim allowing a less than excellent dynamic range to affect reception--the high powered, "dirty" transmitters used by Havana no doubt assisting.

The second point is the author's contention that the DX-400 outperformed the receiving ability of the Kenwood R-2000 based on a comparison of relative S-meter readings. First of all, S-meters in general are notoriously inaccurate, most being plagued by the tendency to over-read a signal. Second, no S-meters are likely to read exactly the same on two different models of receivers. As such, they are not adequate measures of relative sensitivity. As far as S-meter readings of the R-2000, I can point to Larry Magne's review in the 1983 WRTH which found it possessed one of the most accurate meters tested to date.

A better way to realistically compare the sensitivity of the two sets would be to switch them back and forth between the same antenna, tuned to a station that is barely audible, and judge if any increase in readability or signal to noise level occurs.

I have not personally had the opportunity to use either the R-2000 or the DX-400, but hope that the above remarks will assist any readers attempting to evaluate the two based upon the December review.

=====

COMPUTER

USING A COMPUTER DATABASE PROGRAM AS AN SWL LOG
Copyright 1983 by J. Michael Nowicki, CA

Now that computers have fallen in price to within the reach of most of us, it's appropriate to use the danfangled contraption to save you time and maximize the results of your DXing efforts. Most people who buy a computer also wind up buying a word processor, a database and perhaps a spreadsheet program for home use or get them when they buy a "bundled" system. Just the mere mention of a word like "database" may send shivers up the spines of many new computer users who suddenly find themselves confronted with many new concepts to learn. This can be exaggerated by computer and software manuals that tend to use buzzwords and are often written by programmers to impress other programmers. I am just as guilty of this myself but at least most of my commercial programs are written for and geared to other programmers as opposed to plain old users for whom things should be reduced to the simplest terms possible so they can pick up the ball and run.

To understand what a database is all about let's use the analogy of 3" X 5" file cards stored in a filebox. The cards have lined spaces on them to hold short entries of a specific nature on each line of each card in the filebox. We now have 3 definitions to learn; files, records and fields. A database file could be compared to the filebox that holds all the cards and you can have as many fileboxes as you want for housing different types of information all of which can be accessed by the one database program. One file could be used for a Christmas card mailing list, another for your favorite recipe

and yet another for your DX logbook. Each individual card is considered to be a record, containing your bosses complete mailing address who you better not forget to send a card, your recipe for Tibetan yak liver stew or details of monitoring radio Atlantis last night. The information contained on particular lines of each card is a field or field entry. One field might contain your bosses zip code, the amount of yak liver to be stewed or the frequency that was monitored.

Armed with these definitions, let's proceed to set up our own customized SWL logbook database file. - (Sounds like fun already, doesn't it?) When you load and run the program it will ask you if you want to open an existing file or create a new one. In this case we want to create a new one and call it "SWL LOG". The program will then ask you how many fields in each record this new file should have. Ok, let's see, what do we want to include? Let's specify 7 fields and call them country, station, language, frequency, GMT Time, GMT Date and program details. If you want to use it for RTTY you may want to include a field for Shift/Mode and another for Baudot. Most database programs allow you to add new fields or delete existing ones at some future time so don't worry if you forget something now.

Now that the new file has been established with defined fields, lets start using it. Get out your old fashioned paper logbook and find some current loggings. Whether or not you want to take the time to enter in all your previous loggings or just enter new ones is your decision and your time. Better yet, let's assume that you just turned on your radio and found the BBC. You tell the computer that you want to enter a new record. It comes back and asks you to enter the data for each field. After doing this, the result in this case would look something like this--

RECORD #1

COUNTRY: GREAT BRITAIN STATION: BBC LANGUAGE: ENGLISH
FREQUENCY: 9.510 GMT TIME: 04:12 GMT DATE: 12-28-83
DETAILS: TALK ON FOREIGN TRADE WITH EASTERN BLOC NATIONS, FOLLOWED BY POLK MUSIC PROGRAM,
ID AT 04:15.

After entering the data for the last field the computer swallows everything and arranges it as specified in memory and or disk. You can continue entering your loggings or quit and go do something else. You can now come back any time and open your "DX LOGBOOK" to add to, examine, edit and sort the data contained in the file. Let's say you have established a separate file for those mysterious numbers stations and that file contains 100 records. You can now take those 100 records and sort them in order by ascending GMT or freq. to see if a pattern develops or to create a target list for future monitoring.

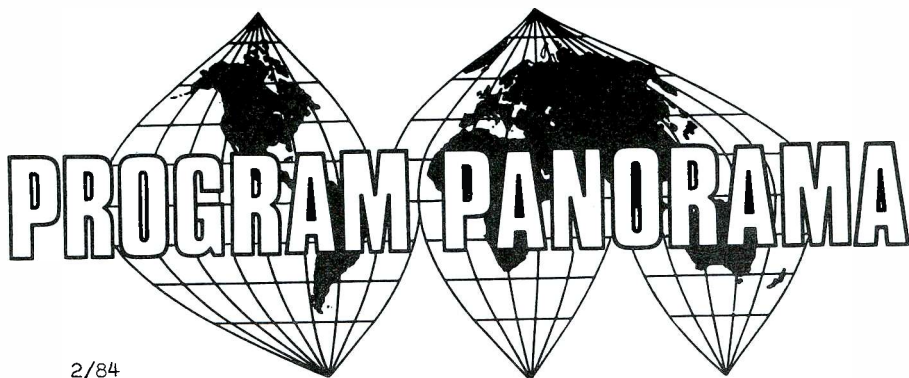
At this point we have to consider memory and how the program stores all these records. There are essentially two methods of dealing with records; loading all records into RAM memory when a file is opened, or store it on tape or disk for retrieval. Loading them all into memory takes up gobs of memory and cuts down the size of your file because it has to share memory space with the database program. It does allow fast access to records but you also have to remember to save the updated file when you're finished to mass storage. Using a 64K computer with a tight machine language database program that does some BASIC romcalls will only allow about 200 records per file. 6 months of heavy winter season DXing will fill that 200 rather quickly.

The other alternative is using your mass storage device (tape or disk) and only call up records that fit your defined search data. Using cassette tapes for sequential access allows you to store many more records but makes editing of those records hard if not impossible without loading the entire file into memory. At best you can add new entries to the end of your existing tape file. Disks are, of course, the way to go. Disk drives, whether floppy or hard allows you to more fully realize the power of your computer. Having a computer without disks is like buying a sporty Italian car that is meant to cruise at 160 mph but only being able to drive it in 20 mph school zones. Direct file access allows you to define the maximum size of each record and field and create tiny "slots" or sectors on the disk that allows you to get the record contained in one sector without disturbing the others. 100 bytes is usually enough for one record, so one side of a 160,000 byte disk could hold 1600 records in one or several files. Not bad, eh?

The preferred method is to establish several DX files, one for general SWL, another for numbers stations, one for RTTY and yet another for utilities. Any database program worth its price will let you transfer records from one file to another if desired. Database programs depending on the computer it is written for can sell from \$19.95 to well over \$1000. Shop carefully before you part with your hard earned bucks. Many programs are filled with bugs, don't have the smarts to really do the job, or are so slow that you don't really save any time over using pencil and paper. If possible try the program out before buying it or read a review of it in a computer magazine. Thus, to conclude, pick out a reasonably priced database program for your computer so you can spend less time pushing a pencil and more time tweaking with your radio.

With this column, I mark 10 years as editor of T & T. Thanks all for your support.

7315
C. ... 11



PROGRAM PANORAMA

2/84

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

BRAZIL... (Stevan Davies, PA) "Radio Nacional do Brasilia (Radio Bras) offers a very predictable English program nightly 0200-0300 UTC on 15290 kHz. Although it varies in its starting time by 15 minutes from the scheduled 0200 at the whim of the management and although reception varies at this location from excellent to a buzzy whisper, RNB has many good points to commend it. They play on the average eight quality pieces of Brazilian music on each show. (Interspersed among the musical selections are news and comment, reports on economics, tourism, culture and other topics. Advertisements for Brazilian stamps are also broadcast.) The music of Brazil is unique, the introductions of the songs by RNB are comprehensive and the predictability of the program is relaxing...The news and comments on the station are usually without overt political propagandistic bias, and the station's features (such as a magnificent program of primitive Amazon music recently aired) are worth waiting for." (Comments edited by WS to fit space requirements...These comments on programming from Stevan the past three months have been refreshing. I urge other readers to send in their comments on programming to the column now! WS)

CHINA (PEOPLE'S REPUBLIC OF)... Radio Beijing has added a new feature to its Monday English lineup. CHINESE COOKING will tell listeners how to prepare delicious Chinese food from various parts of the country...See the October Station Skeds column for times and frequencies of RB's broadcasts to North America in English. Also check the A/O loggings column for updates...Programs for February include: 1 & 2-- Chinese people celebrate their biggest festival--the Spring Festival (Spring in February?--WS); 8th--WHAT DO YOU KNOW ABOUT CHINA?--a quiz program; 17th--THE LAND AND THE PEOPLE features the formation and development of Lama Buddhism in Tibet; 24th has a PROFILE of a "photo doctor"; 25th MUSIC FROM CHINA focuses on music played on Chinese percussion instruments; 26th edition of LISTENERS LETTERBOX answers questions on penalties in China, reception reports to RB and the most popular music performers in China. (Thanks to John McDowell, IL for this information)

ITALY... (Chuck Bolland, FL in Review of International Broadcasting #82(11/83)) "I noticed recently a DX logging of RAI. The DXer remarked 'the usual thoroughly bored announcer.' I recently tuned in RAI's English transmission to the UK (1935-1955 UTC on 9575, 7290 and 7275 kHz) and heard a man giving the news. At first I thought I had discovered a new station...since a woman usually reads the RAI news and this fellow was very good in his presentation. I kept listening, and after the news, I was surprised to find out that it was RAI. Had all the bad publicity reached the head man? It must have, and some changes were made. After the news, a magazine program was presented by one Judy Harris, who did not sound like she was from Italy. Judging from her diction, she was an American. (She interviewed an Italian woman. It was very interesting, but unfortunately, the show ran over. The male announcer broke in and urged listeners to tune in the next day--edited by WS) I found him very friendly and was encouraged that I did want to tune in the next day. It saddens me to see (CONTINUED)

ITALY(Con't)...some of the things that are printed about RAI--but let's face it, RAI has deserved it. I hope that this new image I heard on the UK broadcast is lasting and extends to the other English language broadcasts. To date, this hasn't happened. I guess they can't get anyone to work nights?" The UK broadcast consists of 12 minutes of NEWS, followed by Sun THE ORCHESTRA ENTERTAINS Mon MUSIC FOR STRINGS Tue ITALIAN LANGUAGE LESSON Wed SOUND POSTCARDS Thu ITALIAN LANGUAGE LESSON Fri CIAO ITALY Sat OPERATIC MUSIC. (Thanks to Michael Moore, TX; Bill Shamblin, Jr., CA; Kraig Krist, VA for the RAI information; also Ruth Hesch, NY; Morris Pfeffer, NY; David Claytor, OH for previous RAI contributions not credited.)

POLAND...Radio Polonia broadcasts programs in English during its North American transmissions. Here are some of the programs and times: NEWS daily; Mon-Thu PANORAMA--current affairs feature; CULTURAL MAGAZINE--Mon 0200; Tue 0200--a repeat of JAZZ, POP, ROCK AND FOLK FROM POLAND from the previous 2nd and 4th Sun of the month, while POLISH TOP TWENTY is heard on the Tue following the 1st and 3rd Sun of the month; POSTBAG, Fri 0200 & 0300; THIS WEEK IN POLAND, Sat/Sun; DX CLUB SHOW, Thu 0200, Sun 0200 & 0300; Radio Polonia does not indicate if days are UTC days or local time days in North America. Good luck finding these programs! (Taken from info supplied by John Demmitt, PA)

ROMANIA...Radio Bucharest broadcasts in English to North America daily at 0200 and 0400 UTC. Programs include: 0200 daily COMMENTARY, NEWSREEL, then Mon SUNDAY STUDIO; Tue YOUTH CLUB, DX PROGRAM; Wed TOURIST NEWS, FAVORITE TUNES; Thu LET'S TALK IT OVER, ROMANIAN MUSICIANS, DX MAILBAG; Fri FRIENDSHIP AND COOPERATION, THE SKYLARK; Sat MEET ROMANIA; Sun CULTURAL SURVEY. At 0400 Mon 7 DAY PANORAMA; Tue PAGES OF HISTORY; Wed ROMANIA TODAY AND TOMORROW; Thu FOCUS ON TOPICAL QUESTIONS/GLIMPSES OF EVERYDAY LIFE; Fri LISTENERS LETTERBOX; Sat HOME NEWS, FOLK MUSIC; Sun TOURIST NEWS. (Betsy Robinson, TN)

SOUTH AFRICA...Radio RSA broadcasts in English to North America 0200-0256 UTC on 11730, 9615, 5980 kHz. Programs include NEWS, followed by Mon UNDER THE SOUTHERN CROSS, OUR WILD HERITAGE, CONVERSATION CORNER; Tue COMMENT, AFRICA REVIEW(including Business Front); Wed COMMENT, AFRICA REVIEW(including Talking Point); Thu COMMENT, AFRICA REVIEW (including Interaction); Fri COMMENT, AFRICA REVIEW(including Special Report); Sat SPOTLIGHT, AFRICA REVIEW(including Looking Into Africa); Sun P.O. BOX 4559, TOURING RSA, DX CORNER. (Morris Pfeffer, NY; Michael Moore, TX; direct from Radio RSA)(Call-in show 12/31/83 was good-WS)

TURKEY...The Voice of Turkey broadcasts in English 2200-2300 and 0300-0400 UTC on 11740 kHz. Programs include: Mon FEATURING TURKEY, TURKISH PANORAMA, CULTURE AND ART; Tue ANATOLIAN SUN, TURKISH MUSIC; Wed LETTER BOX, OLDIES BUT GOODIES; Thu TURKISH MUSIC, A CHANGING TURKEY IN A CHANGING WORLD, TURKEY'S PLACE IN COMBATTING DRUG ABUSE; Fri WELCOME TO ANATOLIA, TURKISH SONGS AND LYRICS; Sat NEWSREEL, DX CORNER; Sun NEWSREEL, ANATOLIAN LEGENDS, ECHOES OF ANATOLIA. (Kate Hitsman, IA)

USA...WRNO Worldwide has the following lineup on shortwave: Mon-Fri 7800 WRNO'S HALL OF FAME; 1900 YOUR PAL, AL NASSAR(from FM outlet); 2000 VARIOUS PROGRAMS; 2250 WRNO WORLDWIDE REQUEST SHOW; 0400 RADIO EARTH; 0500 MUSIC SHOW; 0600 SIGN OFF. Sat and Sun religious programs and public service programs with musical interludes. WORLD OF RADIO is on Sat 0530, Sun 0230, 1400 UTC. Sun night/Mon morning(UTC) features 0100 ROLLING STONE GUEST DJ; 0200 BBC ROCK HOUR; 0300-0600 TOP 30 USA. NEWS--ABC @ 30 past hour, CBS @ 50 past. (Bill Shamblin, Jr., CA)

UNITED KINGDOM...BBC World Service for February: SWLers should be interested in THE OVERCROWDED AIRWAVES. The program looks at the ITU conferences on the overcrowding of the shortwave bands and reports on how the present critical situation came about, on progress in negotiations and on some possibilities for the future. Tune in on the 19th @ 1430, 20th @ 1830 and the 24th @ 2330 UTC for this program. (BBC London Calling, February 1984; also thanks to M.L. Flannagan, Jr., VA)....Good listening to all! *Wrtz* 1/18/84

WORLD SERVICE STATION SKEDS

PROGRAMMI

BULLETIN DE PROGRAMMES

ENGLISH SERVICE

PROGRAMME SCHEDULE

Editor:

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

Deadline: 12th

EMISSIONS

TRASMISSIONI

PROGRAMS

SERVIZIO

COMUNICATI NEL CORSO

Hello fellow SPEEDXers. Welcome to February and Leap Year! We are now in the mid-winter DXing season. Conditions to all DX areas should be good and as we approach the spring, conditions to the Pacific area should improve. We are still in the D83 winter broadcasting period which will expire on the 1st Sunday in March (the 3rd).

All times are in UTC and unless otherwise stated, skeds are for English programs. Material credited to the BBC MS is copyrighted and used by the permission of the World Broadcast Information Division of the BBC Monitoring Service.

On to the skeds:

ARGENTINA. Radiodifusion Argentina Al Exterior in Buenos Aires has published this sked which became effective in November 1983.

0100-0130 6060 Americas/Europe
11710 "
15345 "

0400-0430 6060 Americas/Europe
11710 "
15345 "

1100-1130 11710 Far East
1200-1230 11710 "

1930-2000 15345 Europe
2200-2230 15345 Africa
(S. Abbott, R. Adams)

BULGARIA. Radio Sofia. This is their winter schedule.

0000-0100 9700 Europe/N. America
11720 "

0400-0500 7115 "

0730-0800 9700 "

11720 "

1930-2000 6070 "

11720 "

2130-2200 6070 "

7115 "

9665 "

2230-2330 9700 "

11720 "

(R. Adams, P. Card, V. Hevern, C. Gammle, K. Hitsman, B. Shamblin, J. Talbot)

CHINA (TAIWAN). VOFC via the transmitters of WYFR in Florida. This listing is valid until March 3rd.

0200-0300 5985 North America
11740 Mexico

0610-0710 5985 North America
(J. Evans, E. Soomre, J. Talbot)

CZECHOSLOVAKIA. Radio Prague. The North American Service.

0100-0200 5930, 7345, 9540, 9630,
9740, 11990.

0300-0400 5930, 7345, 9540, 9630,
9740, 11990.

(S. Abbott)

FALKLAND ISLANDS. FIBS in Port Stanley uses the following schedule which was current as of December 22nd.

0900-1115 2380 local area

1115-2030 3958 "

2030-0330 2380 "

(BBC MS)

FINLAND. Here is the D83 schedule for the Radio Finland North American Service.

1200-1225 15400, 15275

1300-1325 15400, 17800

1330-1525 15400, 17800 Sunday only

1400-1425 15400

1500-1525 15400, 17800

Note: no transmissions on 15275 or 17800 until 1400 every second Monday due to transmitter maintenance.

(M. Pfeffer)

GABON. The Adventist World Radio (AWR) is broadcasting a program in French via Africa Number One in Gabon. Here is the schedule.

1700-1800 9630 Africa

Reception reports will be QSLed with a full data card. Send the reports to the AWR-Europe address.

(AWR-India Newsletter #48)

GERMANY (FEDERAL REPUBLIC): The Deutsche Welle in Cologne has the following current North American Service Schedule.

0100-0150 6040, 6085, 6100, 6145, 9545, 9565, 11785 to Eastern North America
 0500-0550 5960, 6185, 9545, 9690, 11705 to Western North America.

(J. Talbot)

HOLLAND. Radio Netherlands has the following schedule to the Americas. It will remain effective until July 1st.

0230-0325 6165, 9715 ECNA
 0530-0625 6165, 9715 WCNA

These transmitters are located in Bonaire, Netherlands Antilles. (S. Abbott, R. May)

HUNGARY. Radio Budapest. This sked was current as of December 22nd, 1983.

0200-0230+ 6025 North America
 9520 " "
 9585 " "
 9835 " "
 11910 " "
 12000 " "

0300-0330 6025 " "
 9520 " "
 9585 " "
 9835 " "
 11910 " "
 12000 " "

0400-0415# 6025 " "
 9520 " "
 9585 " "
 9835 " "
 11910 " "
 12000 " "

1030-1100 9835 Australia/NZ
 11910 " "
 15160 " "
 15220 " "
 17710 " "

1150-1220¢ 6025 Europe
 7220 " "
 9585 " "
 9835 " "
 11910 " "
 12000 " "

1515-1530\$ 6025 " "
 7225 " "
 9585 " "
 9835 " "
 11910 " "
 12000 " "

1530-1600@ 9835 Asia
 11910 " "
 15160 " "

HUNGARY: CONTINUED.

1530-1600@ 15220 Asia
 17710 " "
 21665 " "
 1700-1730\$ 6025 Europe
 9520 " "
 9585 " "
 9835 " "
 11910 " "
 12000 " "
 1900-1930\$ 6025 Europe
 9520 " "
 9585 " "
 9835 " "
 11910 " "
 12000 " "
 2100-2130 6025 Europe
 7220 " "
 9585 " "
 9835 " "
 11910 " "
 12000 " "

KEY TO SYMBOLS NEXT TO TIMES

+ = Not on Monday
 # = Wednesday and Saturday only
 ¢ = Monday thru Friday only
 \$ = Tuesday and Friday
 @ = Not Sunday
 (BBC MS)

ISRAEL. Kol Israel uses the following D83 schedule to North America.

0000-0030 7410, 9815, 11655
 0100-0125 7410, 9815, 11655
 0200-0230 7410, 9815, 11655
 0500-0515 7410, 9009, 9420, 9815
 1100-1130 11610, 13475, 15585, 17630

1800-1815 9890, 11590, 13720
 2000-2030 9440, 9815, 11655, 11960
 2230-2300 7410, 9815, 11655, 11960

NOTE: These broadcasts are also intended to be received in Western Europe.

(R. Adams, B. Robinson)

ITALY. RAI in Rome. Here is the D83 North American schedule.

0100-0115 5970, 9575
 (P. Card, D. Claytor, B. Coleman, R. Reinecker, B. Shamblin)

JAPAN. Radio Japan (NHK) in Tokyo. D83 regional service schedule.

0130-0230 15195, 17825, 21610, 21640 to North America
 2345-0045 15300, 17825 to North America.

(R. Adams)

NICARAGUA. La Voz de Nicaragua in Managua. English schedule which became effective on December 29th.

0100-0200 5950
 0400-0500 5950

(B. Shamblin)

POLAND. Radio Polonia in Warsaw.

This schedule is valid thru May.

0200-0300 6095, 6135, 9525, 11815, 15120 to North America

0300-0355 6095, 6135, 9525, 11815, 15120 to North America.

0630-0700 6135, 7270, 9675 to Europe

1200-1225 6095, 7285 to Europe

1230-1300 9525, 9675, 11840, 15120 to Africa.

1400-1430 6095, 7285 to Europe

1500-1530 5995, 6095, 7285 to Europe

1600-1630 6135, 9540 to Europe

1630-1700 7125, 9525, 9675, 11840 to Africa.

1730-1755 5995, 9675 to Europe

1730-1800 6135, 9540 to Europe

1830-1855 7125, 9525, 9675, 11840 to Africa

1830-1900 5995, 6135, 7285 to Europe

2000-2025 7285 to Europe

2000-2030 7125, 9525, 9675 to Africa

2030-2055 6095, 7285 to Europe

2230-2300 5995, 6135, 7125, 7270 to Europe

(R. Adams, P. Card, J. Demmitt, J. Renn, J. Talbot)

PORTUGAL. Radio Portugal in Lisbon.

This is their D83 winter sked.

0300-0330 6060 Eastern America 11925 "

0530-0600 6075 Western America 9575 "

1600-1630@ 15140 ME, India

1700-1730# 17880 Africa

1800-1830@ 17880 "

1800-1830¢ 15250 "

2030-2100 6025 Europe 9740 " 11775 "

@ = Monday thru Saturday
 # = Sundays only
 ¢ = Monday thru Friday only
 (S. Abbott, L. Lutsky)

QATAR. Qatar Broadcasting Service

in Doha has this schedule that expired on January 31st. All programs are in Arabic.

0245-0745 9905

0900-1345 17910

1400-2115 9905

(G. Woloch)

ROMANIA. Radio Bucharest. This

D83 sked became effective on November 7th.

0200-0300 5990, 6155, 9550, 9570, 11810, 11940 to North America

ROMANIA: CONTINUED.

0400-0430 5990, 6155, 9550, 9570, 11810, 11940 to North America (J. Renn, J. Talbot)

SOUTH AFRICA. Here is the North

American D83 sked of Radio RSA, the only station to beam to Caprivi.

0200-0256 5980, 9615, 11730 (S. Abbott, M. Caceres, P. Card, B. Coleman, R. May, M. Moore, M. Pfeffer, E. Soomre, J. Talbot)

SPAIN. Radio Exterior de Espana in

Madrid sent along the following D83 schedule.

0000-0200	9630	The Americas
	11880	"
0500-0600	9630	"
	11880	"
1930-2030	9765	Europe
	11690	Middle East
	11840	Europe
2030-2130	15375	Africa

(T. Sable)

SRI LANKA. Adventist World Radio

broadcasts in English over the transmitters of SLBC in Colombo. This schedule became effective on November 1, 1983.

0330-0400	9720, 15425	Sunday
1100-1130	11835, 15120, 17850	Sunday
1330-1345	4940	Saturday
1330-1345	9720, 15425	"
1330-1400	9720, 15425	Fri. & Sun.
1430-1500	9720, 15425	Sunday

(DIRECT).

SRI LANKA. Here is the current

schedule from the SLBC.

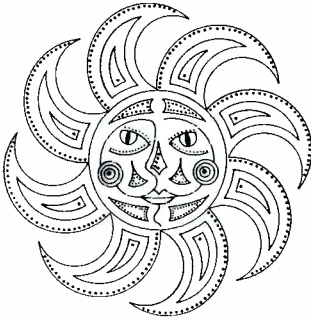
0030-0430	9720	Asia
1230-1600	15425	Asia
1030-1130	11835	Asia/Far East/Austral.
	15120	"
	17850	"

(S. Abbott)

The winner of last month's quiz is Michael A. Schulsinger of Springfield, Ohio. The correct answer is Can Phumo. Now you know why they changed it to Maputo in a hurry, hi. At press time, I had already received 2 other correct answers from Frank Abbato and Allen Lieu. They were received the next day. Sorry, no contest this month!

Thanks again for your great support and don't forget to put your name on your skeds, OK?

73, *Chis*



SPEEDX Western Hemisphere

EDITOR: JOHN CERICHIN WIK3IAO
6812 PICKETT DRIVE
MORNINGSIDE MARYLAND 20746

Deadline: 12th

All times and dates UTC, All fqs in kHz

FEBRUARY

1984

Well, hello again. This month, I'm having to squeeze in the column in between trips to Washington. Four round trips in three days can sure wear a guy out. That 100-mile run seems like a 10000 after a while!

Things have settled down quite a bit, DX-wise. No new stations were reported for a change! DX is still okay though, as the good catches continue to roll in

Before I start, I would like to ask a favor of you. To those who send me their logs directly, would you please write down your first and last name either on your envelope or on a sheet of paper with your logs. You see, I have to send in my contributors list to John. T. every month, and I always try to include complete info on all my reporters. Some folk just indicate their last name, or sometimes don't even give their names, and that leaves my list incomplete unless I can fill in the missing details from elsewhere. Also cut your logs please. My fingers are already overworked by banging on this typewriter. Thanks in advance.

EECMS news...

PERU... R. Concordia in Arequipa has been observed on 9580 khz.

SURINAM... Monitoring observations revealed what is believed to be SRS broadcasting on 5005.5 khz. Programs between 0810 and 0540*...closely resembled SRS's previous domestic programs. The 5005.5 khz channel is believed to emanate from a transmitter formerly used by R. Apintie.

Well, as usual, I don't have too much more to say (I'm lousy at making small talk), so remembering that any station broadcasting in SS from a Latin country will carry no language designation in these pages. Same goes for Brazilian outlets broadcasting in PP. So, here's...

ARGENTINA

11710 0100 RAE, EE, IS to 0100, and multilingual ID. *0100 opened w/rx. Inauguration Day! Democracy returns via new president Raul Alfonsin and his cabinet. Eva Peron was present he said. Nk ended 0112. //6060 hrd but just barely. 15345 not hrd and may be inactive (444 12/13 Palmer WA)(353 1/3 White)+5
11755 0653 R. Nacional, via R. El Mundo, mx, tx, "Informe R. Nacional": mx, ID and freqs. Mx from "The Nutoracker" (332 12/21 Moore TX)
15345 0100 RAE, EE, s/on, mx, DX mx, Sports in Argentina (//11710, 6060)(433 12/15 Muzyka NY):0420 EE (12/20 433 Henault MA)(444 12/23 Prath FL)

BOLIVIA

4720 0925 R. Abaroa, Xmas mx (222 12/26 Nowicki CA) Huffaker MEX)
4945 0223 R. Illimani, Andean mx, YL ID (Nevia not faded in yet (343 12/31
5030 0515 R. Cuarto Centenario, good mix of mx (from Andean to "Eye of the Tiger") New Year's greetings, ID at 0552, "Centenario...primera voz de...en Bolivia..." w/freq, mb given. 0600 had several ments of Tupiza and NY greetings to Peru, Paraguay and something about listeners in the EEUU. Back to "musica de la patria...de Bolivia" at 0601. 0605 t/out (gd 1/1 Sheedy CA)

BRAZIL

2489 2255 R. Educadora Coari, amnts and ID at 2300. Weak w/QRM (12/5 Barto CT)
4750 0546 Rdif do Maranhao, friend and fellow DXer and ex-math student of mine Dave Robertson (here in Spokane) and I have been tracking this one for weeks. They play a mixed bag of Braz ballads and Braz "rock" mx. No campesino mx hrd, nor sambas. No "big name" Braz vocalists that I am Familiar with...continued on next page

BRAZIL continued

- 4750 Hrd a few ads. One self-promo at 0611 said "Musica, Noticias, Alegria, Deportes para Voce", but at 0600, the ID was clear: "R. Difusora do Maranhao". No QTH, but probably the capital city Sao Luis (Palmer WA) 0300, took a week to ID, great sig, little if any QRM. Music format is sorta upbeat and fast (almost daily since 12/15, vg, Coreghin MD) (Don Moman, chances are this is your unid)(fr vg 12/7 Sheedy CA)
- 4755 0342 R. Bicaçaco Rural, good mix of EE/PP pops, echoy DJ and at 0400 nifty ID AM/FM w/freq and power...caught "1 kw...en Matto Grosso do Sul..." (gd 12/7 Sheedy CA):call letters ZYF 904, (222 12/6 Palmer WA)+1
- 4765t 1016 R. Nacional, light Brasopops w/OM. Some undermodulation problems (333 12/6 Schlesinger TX)
- 4815 1015 R. Nac de Tabatinga, mx, ads, AM tx show "Acerca D'Amazonia" (433 12/19 Mahoney FL)(333 12/26 Jones TX)(343 12/20 Huffaker MEX)
- 4845 0109 R. Nac de Manaus, new one here w/terrific sig. (gee, I guess I was wrong when I said no new stations were reported this month...shame on me! jc) Braz pops and ballads, OM DJ tween songs w/IDs as "R. Nacional de Manus, ondas tropicais, frequencia de 4845 khz sessenta metros...uma emissora de Empresa Brasileira de Radiodifusao Radiobras." Easy log, except for intermittent RTTY QRM. Reported to be pumping 50 kw (444 12/8 Cunningham OH): ment of 250 kw, sounds like it too (ex 1/2 Sheedy CA): 1015 (554 1/8 Mahoney FL)
- 4885 0215 R. Clube do Para, "futbol" w/usual hyper OM. Occasional R. Clube IDs (fr 12/10 Parks FL)
- 4895 0100 R. Bare, ID on the hour, echo ID, into theme from "Hawaii 5-0", LAM mx (433 1/4 Prath FL)
- 4915 0710 R. Anhanguera, mx, tx by OM, 0713 ID (434 12/15 Marshall AZ):tent (333 12/25 Hevern NY)(232 1/2 Cunningham OH)
- 4960 0942 R. Jornal do Brasil, ment of R. Bras. Pop mx (444 12/17 Elanchette FL)
- 4985 0200 R. Brasil Central, LAM mx, OM DJ, YL ID (333 12/13 Prath FL)
- 6045 2345 R. Clube Paranaense, hyper OM w/futbol game, many ments of Curitiba, R. Clube IDs. QRM de R. Santiago, DR (fr 12/7 Parks FL)
- 11780 0025 R. Nac. de Amazonia, tx and laughter, many IDs about 0031 as "Nacional de Amazonia", possible interview (544 12/30 Countermarsh VT)(Moman)
- 11850 0002 R. Globo, mx, ads, self-promos. Several ments of "Globo". At 0405 OM with "Allo Sta. Catarina, allo R. (unreadable jc) do Sul, allo..."
Phone-in request show (343 12/26 Palmer WA)
- 15290 0200 Radiobras, EE, Braz wx/mx/mx (444 12/21 Stanley AZ)(Krist VA)

CHILE

- 6045 0600 R. Santiago, tx and mx, ID every few minutes (333 1/1 Kobylski MD)
- 9550 0220 R. Nacional, OM, mx px, 3 "Beatles" tunes, rest were LAM ballads. 0230 ID. I don't hear this often in the clear (222 12/13 Palmer WA)
- 9630 1105 R. Agricultura, farm mx, ads for banco del Estado and more (333 12/22 Mahoney FL)

COLOMBIA

- 4845 0450 R. Bucaramanga, mx, IDs at 0455/0457 (444 12/10 McKeon IN)
- 4865 0400 LV del Cinarco, OM ID w/freq, NA, 0404* (fr/gd 1/4 Berri CA)+1
- 4875 0615 R. Super, ID "R. Super, Naturalmente", LAM mx (434 1/6 Schmautz NY)+1
- 4945 0900 CARACOL Neiva, ID at 0900, QRM de R. Ilimani (222 12/6 Miyuchi JP)+2
- 4975 1158 Ondas del Orqueaza, OM DJ, LAM rock mx, ads, TCs, IDs, het/splatter de FAX ute (fr 12/27 Parks FL) +1
- 5040 0020 R. Cinco, OM w/mx? 0024 Coke ad, many amnts and IDs (343 12/25 Hosmer MI)
- 5095 0108 R. Sutaenza, OM w/mx, short musical ads. CW QRM, LAM mx (433 12/30 MacGibbon OR)(534 12/7 McKeon IN)(545 1/1 Mendez NJ)
- 5955 1013 LV del Centauros, Colombian pops, many hets (433 12/6 Schlesinger TX)
- 5975 1010 R. Macarena, IDs, TCs btwn selections, ads, lots of LAM beat mx, faded into HBC around 1100 (343 12/20 Sable NY)
- 6096 0237 LV del Centro, 2 OMs rattling back and forth amidst terrible het from HBC carrier at 6090 (232 12/10 Schlesinger TX)
- 6115 1330 LV del Ilano, LAM mx px, TC, ID by OM (333 12/18 Prath FL)(Mendez NJ)+1
- 9636 0130 R. Nacional, ID "Beta es R. Nac Col.", freq, QRM, total QSB at 0145 (433 12/20 Mendez NJ):2135 (444 12/27 Coutezmarsh VT)

ECUADOR

- 3220 0330 HGJE, TPs and ID, noticias (333 12/13 Prath FL)
- 3280 0227 LV de Napo, anti-Marxist relig tx, ID at 0255* (343 12/14 Huffaker MX)+1
- 3315 0237 R. Pastaza, Amazon mx, into rancho type at 0245, full ID at 0244 (242 12/14 Huffaker MX)(343 12/7 Prath FL)

more ECUADOR on page 3...it finally snowed! We got 2 inches on 1/10...big deal!

ECUADOR continued

- 3380 *0959 R. Iris, sudden *0959 w/ballad, then Iris andino theme 1001 w/net s/on. Then lcl mx w/YL as "Iris de Esmeralda" incl many full ones, folk tunes, ads (454 1/2 Stephany NY)
- 3395 0205 R. Zaracay, personal messages "...de parte de R. Zaracay" (544 12/23 Huffaker MK):freq is 3394.8 (222 12/27 Palmer WA)(343 12/14 Prath FL)+1
- 4656.4 1018 CRE/R. Dif del Ecuador, CM w/mx and TCs every 2 min. or so. Ad 1023 ment Guayaquil. Ad for some outfit w/"oficinas en Quito, Santo Domingo" and some other place. (sorry abt the poor quality of this report, but "it sorta sleepy out" when it's 2:30 AM local time and you just got up 10 min ago!)(you call this report bad? Come on Bob! jc) (232 12/12 Palmer WA):tant (444 12/21 McKeon IN)
- 4680 0250 R. Nac Espejo, drama px and organ, much like pre- TV radio soap orea, interrupted for ID (can you believe it?)(sure jc) 0256: "RNE! R. Nac. Espejo, la senal comercial mas fabulosa en todo el pais. Compare la!" then soap orea closed 0301 w/another ID: "RNE! R. Nac. Espejo 1310 kilociclos onda larga, 4635 kilociclos onda corta banda internacional de 62 metros, desde Quito, Ecuador, America del Sur. La antena comercial mas portente en el pais." ads incl Coca Cola, 2 for Phillips Petroleum (well, Ecuador does belong to OPEC jc), local dance place. ID 0306, then mx px called "El mundo en citial" w/TTY and CW sound effects. UTE shortly after mx (354 Stephany NY 12/23) (Once again this month, the Mlistered Finger Award goes to Nolan Stephany! hi! jc) FL
- 4792 0010 Sist. de Bn. Atalaya, slow Lam mx, piano song, CM ID (333 12/17 Prath
- 4795 0140 LV de los Caras, ID 0145 "4795 kcs, LV de los Caras..." This part of the band is getting so crowded, you never know who'll be in the clear (343 12/23 Huffaker MK)(333 12/17 Prath FL)
- 4890 0134 R. Centinela del Sur, "R. Centinela" ID slipped through the 3 XE UTEs on the freq. I wonder what's become of Lux (343-311 12/27 Huffaker MK)+1
- 4901 1150 LV de Saquisilí, ID, short tx, HC NA and into more mx, not s/on. Het (333 1/8 Jones MS) PA)+2
- 4920 0400 R. Quito, ID "R. Quito, La Voz de la Capital" Lam mx (343 12/11 Dillon
- 4960 2330 R. Federacion, quecha, folk mx w/tx in Quecha, ID, NA, 0000* (gd 12/9 Parks FL)
- 4977a 0033 Rdif Tarqui, semi-pop mx, used Star Wars elctro-disco doo-wop intro to Tarqui jingles, muddy audio, tel req after 0105, "R. Tarqui" ID at 0109 (fr 1/1 Sheedy CA)
- 5013 0029 Radiofonias Populares, px of Guatamalan mx, ID "Esta es la cueva(?) dimension de la esuela, Radiofonias Populares de Ecuador, 1570 kcs" (no ment of SW)(444 12/21 Huffaker MK)
- 5025 0502* R. Splendit, ad string into romantic ballad at 0500 w/AM/SW ID w/freqs "Desde Cuenca...R. Splendit" no NA, gone at 0502, het on high side (gd 12/30 Sheedy CA)
- 5050 0425 Bn. Jesus de Gran Poder, px "Noche Buena" w/Eduardo Enrique, TC, IDs "en esta emisora Jesus de Gran Poder", remote amrc. Also w/xmsn trouble. Loud as Eros del Torbes 4980 (gd 12/25 Sheedy CA) 5049.9 at 1125 (333 12/12 Palmer WA)
- 5063 0214 R. Nac Progreso, local ballads run by CM w/echo machine. Pretty good, but occasionally assaulted by machine copy (443 12/10 Schlesinger TX)
- 6050 1315 HCJB, //9765, HS to LA, Lam tx (343 1/1 Prath FL) EE!
- 6095 0538 HCJB, "Musical Mailbag" (444 12/18 Cox GA)://11910 (444 12/17 Delk CA)+2
- 9745 0600 HCJB, EE, "Passport" (545 12/10 May OH):0230 (544 12/11 Hesch NY)+3
- 9750 0220 HCJB, EE, "Unshackled" (534 12/7 Pfeffer NY)
- 11910 0515 HCJB, EE, "Unshackled" (454 12/13 Bingham MA)
- 15155 0230 HCJB, EE, //9745, DKPL (234 12/27 Forrest CA)(454 12/13 Krist VA)+1
- 15240 0033 HCJB, EE, "Through The Bible" (555 12/15 Krist VA)
- 15250 0117 HCJB, EE, "Back to the Bible" (553 12/17 Bingham MA)
- 15350 2330 R. Nac del Ecuador, SS, excited CM w/class mx, ID "R. Nac del Ecuador" at 2356 (222-343 12/17 Miyauchi JP)
- 17790 2136 HCJB, EE, DKPL (454 12/19 Bingham MA)(444 12/26 Krist VA)
- 17890 1402 HCJB, EE, world mx, QSB (433 12/15 Kerrigan IL)
- 21475 2145 HCJB, EE, DKPL (343 12/10 Leonard ME)(322 12/26 Coutermarsh VT)
- 21480 1925 HCJB, EE, "Passport" (444 12/13 Bingham MA)

GALAPAGOS IS.

- 4810 0108 LV de Galapagos, finally hrd after 2 years of trying! Beautiful sig at t/in. Andino and nonandino HC folk mx w/IDs at 0130/0135. Beethoven's 9th at 0141. ID "LV de Galapagos informando" w/mx from WH til 0215. Long s/off w/relg messages. NA till 0220* (333 12/11 Stephany NY)(fr 12/10 Parks FL)(343 12/14 Huffaker MK)

PARAGUAY

9735v 0030 R. Nacional, Paraguayan mx, ID "Esta es RNDP", 0048 "Esta es Acuarela... Para", mx (545 1/2 Mendez NJ)(554 12/9 Hesck NY)

PERU

- 3310 1025 R. Pagua, vocals, amnts, ID. Very weak and heavy carrier on at 3312 (12/20 Barto CT)
- 4747 0857 R. Huanta 2000, local mx w/OM amnts, px was "Voz de ?? de folklorica andina" (453 12/17 Stephany NY)
- 4860 1032 R. Chinchaycocha, NA, s/on, ID, ads, huaynos (322 12/22 Mahoney FL)
- 4935 0235 R. Tropical, amnt asking for info on a lost child (343 12/31 Huffaker)
- 4975 0214 R. Del Pacifico, now ID "estamos R. del Pacifico", relig px, gave reference to px on LV de los Andes (343 12/15 Huffaker MX)
- 4996 0424 R. Andina, usual px, sig strenght abt the same, but overall quality much improved recently (343 12/15 Huffaker MX)
- 5025 0301* R. Quillabamba, song by chorus at tune in, then ID by YL as "desde la ciudad de Quillabamba, capital de la...departamento de Guzco...transmitte R. Quillabamba..." followed by xmsn times, SW/MW calls, freqs and mb. More mx by chorus, then inspirtional tx by OM, short choral version of NA, 0301*, weak (232 12/8 Gunningham OH): 1052 (232 12/12 Palmer WA)(fr 1/2 Sheedy CA)(433 1/6 Jones MS)
- 5030 1105 R. Los Andes, px "Buenos Dias, Peru". really wild sounding local mx. ID at 1107 "R. Los Andes, OAPPA en Huamachuco, Peru." I mean, that mx was really primitive! The QTH must be well off the beaten path! Also must be pretty powerful- over 5 kw. Good strong sig (333 12/12 Palmer WA)(332 1/1 Prath FL):0947 (343 12/5 Schlesinger TX):0212* (fr 1/2 Sheedy CA) (fr 12/25 Parks FL)
- 5112 0120 R. Eco, ID at 0125, big band mx (444 12/7 McKeon IN)
- 5360 0330 R. Vision, folk mx w/many full ID/TC amnts. Full s/off ann live by OM at 0400, earned ID, NA to 0402 w/voice over for end wishing listeners Happy New Year and 1984 (454 1/2 Stephany NY)(Tom McKeon and Don Moman, this may be your unid jc)
- 6020 1123 R. Victoria, Andino mx, hetted (322 12/13 Schlesinger TX)
- 6115 0851 R. Union, local vocals w/amnt by OM, all generally the same. ID/TC on the hour and half hour, gave messages to local villages. Px "Buenos Dias, Peru" (343 12/28 Stephany NY)
- 6190 1030 R. Orienta, lite oroh mx, then NA foll by 3 IDs and s/on amnts, all by OM, first live, the next 2 earned. Px "Peru Amanacer" w/nice folk mx (433 12/23 Stephany NY)
- 9655 *1104 R. Norperuana, suddenly on w/hymn, then march w/OM s/on "Esta es Radio Norperuana...transmitiendo para sus frecuencias OAX9F en 1270 kilociclos onda larga y OAX9C en 9655 kilociclos onda corta, desde la felicimas ciudad de Chachagoyas, departamento de Amazonas." foll by hello and no-data s/on by YL, NA to 1108, then another welcome saludo by the YL and into px "Despertar Amazonas" w/nice drum and quena tunes. Px was sels of andino mx w/amns by the YL incl many slogans. ID/TC and locations given. Best I've ever hrd then w/fading (333 12/17 Stephany NY): Larry Cunningham hrd the same ID, and said that the QTH of Amazonas depart. conflicts with the WRTH-listed San Martin department(242 12/12 Gunningham OH):tent (342 12/12 Schlesinger TX)
- 9675 *1108 R. Del Pacifico, carrier on at t/in 1058, but to *1108, no mod. At 1106 singing s'n song w/ID slogan by OM followed by OM followed by full s/on ann by OM "Muy buenos dias amables oyentes. OAZ4K 640 kilociclos onda larga, OAZ4L 9675 kilociclos onda corta, banda de 31 metros, y 102 megaciclos frecuencia modulada. Transmite R. Del Pacifico, emisora precedeciente a la Sociacion Cultural Ondas Penterin afilida la cadena Cultural Panamericana, (?) americana. Comencia de transmission correspondiente al dia de hoy. Y esperamos que nuestra programacion ?? sea de nuestra completo y agradable." Followed by andino theme and px "La Hora de Levantamiento" w/opening ann: "R. del Pacifico presenta 'La Hora de Levantamiento' (sorta of a wake-up show jc), programa de estudio y oracion en las palabras del Dios, en la (sounded like ma/chek/wa)." closing of px w/same text at 1116, then hymn w/"Amancer con Dios" px w/hymns and prayer, sermon. Ended 1131, then Xmas wishes, slogans, px promos, TC earned by YL til "LV de Descudrio" px at 1136 (whew! jc)(343 12/20 Stephany NY)(333 12/18 Prath FL)

SURINAM

5005 0310 SRS, ER/DD, "Sat. Night Special", rock mx, TC, Xmas mx by Andy Williams (333 12/18 Soomre MA):tent 0845 (422 12/24 Mahoney FL) Venezuela's next!

Special thanks to Nolan Stephany for those great logs!

VENEZUELA

3225 0315 R. Occidente, long, slow LAm songs, TC/ID (343 12/13 Prath FL)
 3255 0358* LV de El Tigre, looking for Triunfo, but def "LV de El Tigre" ID (343 12/14 Huffaker MK):R. 980, ment of "El Tigre" (343 12/13 Prath FL)
 3275 0215 R. Mara, LAm mx, TC/ID (343 12/13 Prath FL):0352* (444 12/14 Huffaker)
 3395 1214 R. Universidad, variety of mx, folk, country, pop; ID at 1248 (242 12/18 Thunberg PA)(Welcome to the staff Bob, A/O is looking great! jc)
 4770 0315 R. Mundial Bolivar, mx, ID at 0322 (544 12/10 McKeon IN)(Jones TX)
 4830 0015 R. Tachira, ex rpt, QRM (433 12/14 Prath FL)
 4960 0339 R. Sucre, is back on the air. Hrd w/Rumbo relay and net ID at 0329 with a long list of affiliates and primary stations, then "Noti Rumbo" px with singing theme, informas por 2 locutors. Opening amnt was voiced over to make it sound like R. Sucre was the one who produced. Frequent stn breaks w/ads and then at 0353 closing w/"R. Sucre, primera lugar sintonia presento...(singing)" then wrap-up by OM and earned s/off: "Esta es R. Sucre, de la cadena National Rumbo (is that the network? jc) emisoras YVQB 600 khz onda larga y YVAO 4960 khz onda corta banda de 60 metros, y YVQB FM 151.0 mhz (that's above the FM band...must be an interesting station to listen to, hi! jc) desde Cumana, capital del estado Sucre, republica de Venezuela, patria del Libertador y muerte del turismo in America del Sur" second amnt w/usual manana time, good-nights, NA til 0357* (12/27 433 Stephany NY): 2255 (343 1/2 Prath FL)
 4970 0420 R. Rumbos, LAm mx, ID "Esta es Rumbos de Venezuela" QRN (433 12/29 Mendez NJ)(544 12/24 Prath FL)
 4980 0220 Ecos del Torbes, ID at 0221, mx px (545 12/13 McKeon IN)(Dillon PA)
 6180 1220 R. Turismo, LAm pop mx, ID/TC (333 12/10 Prath FL):0915 (Stephany NY)
 9540 0156 R. Nacional, ID, apparent 0158* (444 12/29 Shamblyn CA)
 9660 1215 R. Rumbos, LAm mx, //4970, perfect sig (555 12/25 Prath FL)(Mendez NJ)

UNID

3160 0250 ???, Latin mx, followed by martial mx, 0302* (444 12/7 McKeon IN)(possible MW harmonic jc)

NORTH AMERICA MANUAL ART WORK! jc

ALASKA

6170 1200 KNLS, EE/CC, EE ID, sked at 1200, foll by CG px. Good sig at 1200, then went downhill. 1st (and only) time hrd here (333 12/29 Evans TN)

ANTIGUA

6040 0100 DW Relay, EE, "Microphone on Europe" (444 12/14 Stanley AZ)
 6145 0450 DW Relay, GG, IK px (gd 12/10 Ulmer LA)
 6175 0526 BBC Relay, EE, "Letterbox" (444 1/8 Traver CA):0300 (444 12/6 Dillon PA)
 9545 0145 DW Relay, EE, ID, s/off w/freqs (444 12/13 Hiron NH)
 9650 *0930 DW Relay, EE, "Panorama" (444 12/19 Cox PA)
 11775 *1100 BBC Relay, EE, wld mx, maybe the best BBC freq at this time (444 12/16 Schlesinger TX)
 11785 1909 DW Relay, GG, IS, ID, into px (12/12 May OH)
 17805a 2137 DW Relay, GG, mx, tx, ID (444 12/15 Kerrigan IL)

BELIZE

3285 1108 R. Belize, EE, non-stop Xmas mx, ID "This is R. Belize with Saturday Concert" (444 12/10 D'Angelo PA)(212 12/22 Hemault MA)(Muzzyka NY)+2

CANADA

5960 0200 RCI, EE/FF "SWLD", "Allo IK" (555 12/5 Klosowski FL)+3
 6005 1305 CFCX, Montreal, EE, wx rpt, pop mx, almost covered by BBC (212 1/7 Weikel MI)(444 1/7 Bingham MA)
 6030 0033 CFVP, Calgary, EE, stock rpt, wx, Xmas mx, ID as "1060 CFCN, deep fades, lost by 0046, lots of QRN (222 12/23 Hosmer MI)
 6065 1200 CBCNEWS, EE, mx (343 12/21 Blanche FL)
 6070 2307 CFCX, Toronto, EE, mx, mx (444 12/26 Karns OK)(Sable, Moman, Abbott)+2
 6130 1135 CHXK, Halifax, EE, sx, pop mx, TCs (333 12/20 Blanche FL)(Bingham MA)
 6160 1155 CKZN, St. John's, EE, TC for 8:30, mx, sx, wx (343 12/10 D'Angelo PA)+1
 9510 1515 BBC Relay, EE, "Concert Hall" (544 12/18 Fraser MA)
 9525 1245 CBC, EE, "Arctic Morning" (444 12/13 Duncan NC)
 9535 0045 RCI, SS, wld mx (534 12/20 Lord CA)
 9625 1254 CBC, EE, Xmas mx, wld mx (434 12/23 Kerrigan IL)
 15260 1650 BBC Relay, EE, sx scores (444 12/17 Dell CA)(RCI 555 12/24 Krist VA)+3
 17820 1912 RCI, NHL scores (353 12/16 Bingham MA)(444 12/7 May OH)
 17875 *2129 RCI, "SWLD" in EE (544 12/17 Krist VA)(545 1/8 Abbott IL)
 21695 1630 RCI, s/on in FF, mx (232 12/14 Leonard ME)

just barely finished Canada! How do you like SPEEDX's new format?

COSTA RICA

- 4825 0125 R. Columbia, px "Nicaragua Libre" (0700-0730 approx) sounds like a clandestine, but mentions station and QTH (544 12/27 Buffaker MX)+3
 4832 0621 R. Reloj, OM, mx, ads (322 1/8 Traver CA)+5
 5055 0257 Faro del Caribe, EE, tx on importance of money (343 12/14 Thompson CA) (545 12/9 Robinson TN)(333 12/31 Evans TN)+5
 6006 1203 R. Reloj, "R. Periodico Reloj", (sort of a "newspaper of the air")(333 12/12 Palmer WA)
 6106re 0045 R. Universidad de Costa Rica, px of class. mx. Full ID at 0058 "Radio Universidad de CR, 870 khz onda media...6105 khz onda corta en la banda de 49 metros..." Splatter of DW (fr 12/27 Parks FL)
 6150 0819 R. Impacto, lots of IDs, noticias (444 12/14 Moman AB)+2
 6175 1245 Faro del Caribe, tx abt Xmas, Xmas mx (554 12/24 Prath FL)
 9645 1245 Faro del Caribe, relg px, slo mx, //6175 (444 1/1 Prath FL)

almost forgotten, misplaced

CLANDESTINE

- 5106 0406 LV del CID, IDs, "R. Ignacio Agramante" at 0410 (444 12/22 McKeon IN)+1
 5920 0314 R. 15 de Septiembre, military fanfares, ID 0317 (pr 12/31 Ulmer LA)
 6210 1145 LV de Sandino, political tx, down on Somoza, upcoming elections in 84. Most-used proper nouns: Nicaragua, Somoza, Sandinista. ID at 1158, "...están escuchando a la Voz de Sandino" (242 12/12 Palmer WA)+1
 6585 0229 R. Venceremos, mx, IDs (141 12/8 Jones TX)(gd 12/27 Parks FL)
 6850 *0101 R. Frei Suriname, DD/Sram Tongo, drum theme, ID, cultural/revolution px w/OM/YL, folk tunes. Then into DD segment at 0116 w/same drum theme 0132* (353 12/13 Stephany NY)(322 12/7 Cunningham OH)
 6965 2339* R. Miskus, ?/SS, rhetoric in presumed Miskito, occasional soft mx in background. Several IDs in context during tx. Soft mx 2331, then patriotic ballad. ID "Escuchan R. Miskus, voz de los Miskitos, Sumos y Ramas." Amnts in SS, then smoothly segued back into Miskito. 2338:30*. Best lvl ever (333 12/13 Cunningham OH): 0340 (fr 12/10 Ulmer LA)(242 Jones TX)
 7000 0333 R. 15 de Sept., prayer, NA, CW QRM (fr 12/10 Ulmer LA)(131 Jones TX)
 7013 0025 R. Para, Marti, usual rev. rhetoric, s/off or freq switch after tune-in (fr 12/27 Parks FL)
 7076 *1100 R. Mambi, IS, Cuban NA w/patriotic slogan. 1209* (433 12/23 Stephany NY)
 11680 1220 LV del CID, tx abt Cuba and CA (433 1/2 Kobylski MD)

CUBA

- 6090 0127 RHC, EE, OM/YL ID, "From the Land of mx" (544 12/29 Shamblin CA)+1
 6095 0134 RHC, EE, "Mailbox" (PO Box 7026)(333 12/5 Pfeffer NY)
 7485 0430 RHC, //7425, 7385, ID (555 12/8 McKeon IN)
 9525 0715 RHC, EE, county on Granada (444 12/17 Delk CA)
 9550 1228 RHC, ID, "Correo Internacional" (242 12/5 Miyauchi JP)
 9730 2240 RHC, Lam mx (323 12/15 Lord CA)
 9895 0632 RHC, s/on NA, mx (344 12/30 Leonard ME)
 11760 0345 RHC, EE, "From the Land of Music" (555 12/16 Coutermarsh VT)+1
 11840 1828 R. Moscow Relay, EE, county on US "aggression" (444 12/31 Hosmer MI)+1
 15470 2050 RHC, EE, mx (555 12/16 Karns OK)(433 1/7 Traver CA)(333 12/15 Kerrigan)
 15525 1913 RHC, mx (433 1/7 Traver CA)

DOMINICAN REP.

- 6045 2257 R. Santiago, series of promos w/ment of Dominicana at tune-in, mixing badly w/co-chan Brazilian. At 2259, ID as "...R. Santiago...Santo Domingo, capital Dominicana..." then claimed 50 kw power!, then "R. Santiago, en Santiago de los Caballeros..." Best on LSB (322 12/15-16 Cunningham OH)(gd 12/9 Parks FL)
 11700 2201 R. Clarin, EE, OM w/ID and freqs (444 12/28 Shamblin CA)+4

EL SALVADOR

- 5992t 2300 R. El Salvador Int'l, EE! ID "You are listening to R. El Salvador Int'l in Central America in the 31 and 49 meter band." Xmas celebrations in El Salvador (322 12/25 Thin CT):0210* (333 12/29 Cunningham OH)(I was wondering what was taking them so long to crank up an EE service, with the US so involved in their government. It's about time! jo)

GRENADE

- 15045 2100 YOA, FF, like last months' log, //15195, IS (122 12/19 Johnson IL)(I would still list this as tent until we get some hard info that this is coming from Grenada jo)

GUATEMALA

- 3325 1145 R. Maya de Barillas, relg tx, slow mx (443 12/10 Prath FL)(Parks FL)
 3300 (oops! jo) 1210 R. Cultural, Lam vocals, ID and tx (333 12/10 Prath FL)+1
 3360 1158 LV de Nalmala, SS mx and instrumentals, ID at 1158 (333 12/22 Golab IL) (343 12/14 Prath FL)(343 12/10 D'Angelo PA)

One page to go! How many stations did you hear last year? I got 58 new stations myself!

G U A T E M A L A

- 4835 0159 R. Tezulutan, px of mx, prayers, then canned IDs w/Xmas wishes, 0226* "R. Tezulutan desde la paz del muerte en el Republica de Guat. Dar saludas de este Navidad." (444 12/24 Stephany NY)(444 12/17 Prath FL)
- 6090 1058 Union R., SS/EE, has solved its problems and is booming no rivals Impacto as strongest 49m sig. First hrd 12/23 w/fair sigs, still slight problem, SS/EE IDs and Xmas messages. 1/3, perfect sig, organ theme s/on amnt "En el aire, El R. Sistema Emisoras Aventista de Guatemala. TGMU Union R. 1330 khz, amplitud modulada, TGMU Avenstereo 105.5 mhz frecuencia modulada. TGMUB LV de la inglesa aventista en latino americanoa 6090 khz onda corta, banda de 49 metros. Desde Guatemala, hura de la civilacion Maya, y pais de la eterna primavera. Les invitamos a que nos escuchen nuevan transcurso de este dia. Teramos para usted una nueva programacion comun de amor y esperanza amor para compartido en muestra ? el creator del universo y esperanza en un futuro mejor. En el aire, el sistema emisoras aventistas de Guatemala." then same organ themes and more hymns. (555 Stephany NY)(232 1/8 Weikel MI)(353 12/13 D'Angelo PA)

H A I T I

- 4930 0203 AVEH, FF/SS, OM tx, SS echo chamber amnt at 0215, checked again at 0228, long whistling mx, several IDs at 0230 by OM, famfare, but muddy audio on the IDs, very bassy. Hrd "Radio 47EH" twice in SS, address given as a PO Box Number (the address is P.O.Box 1, Cap Haitien jc) (333 12/4 Moman ALB)(tent 444-222 12/19 Johnson IL)(343 12/14 Fisher NM)(444 12/5 Soomre MA)(544 12/25 Huffaker MX)(Bosmer MI)+4

H O N D U R A S

- 3250 0228 R. Luz y Vida, call, ID, ads, TC for 8:30, relg mx (444 1/6 Jones MS)+4
- 4820 0306 LV de Evangelica, OM, mixed choral singing (444 12/9 Robinson TN)
- 4910 0030 LV de la Mosquita, relg tx, some EE by US-sounding OM, (333 1/4 Prath FL):0300*, call is HREK (222 1/2 Cunningham OH)(343 Huffaker MEK)
- 4965 1151 R. Landia, ID (only partially copied) "Desde Comayagua, ciudad... corazon de Centro America...R. Landia, la Centro Americana...en su frecuencia...onda larga...onda corta...cadena principal...estacion de..." (333 12/23 Cunningham OH)(322 12/17 Prath FL)

M E X I C O

- 2390 0107* R. Huayacocotla, local mx, deep, rapid fades. ID "XEJN, onda corta, R. Huayacocotla, en la frecuencia de 2390 khz, ??? vacios de potencia" (333 12/9 Cunningham OH)

M O N S E R A T T

- 9545 0500 DW Relay, "Letter From Berlin" (444 1/2 Dillon PA)

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

- 6165 0230 RN Relay, EE, mx (444 12/17 Stiner NY)+5
- 9535 0357 TWR, EE, "Bible Radio Hour" (544 12/30 Bradley FL)+2
- 9560 0829 TWR, SS, ID (333 12/14 Moman ALB).
- 9590 0310 RN Relay, EE, "Mediannetwork" (444 12/15 Marshall AZ)+2
- 9715 0619 RN Relay, EE, latest development in taxicabs (hot news! jc)(434 Lord CA)+1
- 9770 0804 RN Relay, EE, "Mediannetwork" (454 12/8 Hesch NY)
- 15315 *0030 RN Relay, DD, mx, (555 12/5 Prath FL)
- 17605 2030 RN Relay, EE, IS, ID, mx (343 12/17 Dalk CA)(444 12/11 Biron NH)

N I C A R A G U A

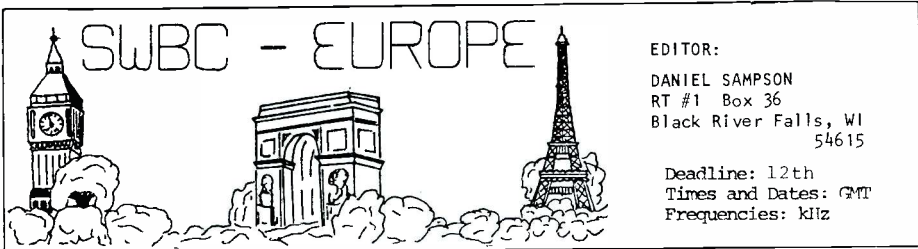
- 5950 0130 LV de Nicaragua, EE, LAM mx, listener's letters (252 12/16 Sampson WI)+9
- 6120 1310 R. Zinica, EE, relg px w/Xmas mx, birthday greetings. EE seems to be a regular here (at irregular intervals it seems jc)(544 12/25 Prath FL)

P I R A T E S

- 3958 1042 KFKM, EE, I'm not kidding either. KFKM is a Houston- area FM station which plays Top-40 and really teed me off by showing up here (gee, I can't understand why...jc)(342 12/5 Solesinger TX)
- 11600 2030 R. Clandestine, EE, rock mx, px "Dragon Net", said they were broadcasting of the East Coast (of what, Iowa? Few people swallow that line jc)(242 1/1 White MS)(555 1/1 Karns OK)
- 11605 1855 Jolly Roger R., EE, played all types of mx. ID as "JRR". Gave address in Battle Creek MI)(343 1/1 White MS)
- 15048 1911 KQSB, EE, rock mx, phony ads, 1926* (fr/gd 11/29 (too old, I let this one slip through jc) Ulmer LA)

plus 63 USA loggings. As you can see above, New Year's Eve was a dull night, pirate wise. Well, it's late and I'm beat, so I'll sign off for now, and see you in 30.

John Careghan



EDITOR:
 DANIEL SAMPSON
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 Black River Falls, WI
 54615

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

ATTENTION: Tom Kephart and readers of SWBC-Europe. I made a big mistake in last months column in stating that West Berlin is not a radio country by the EDXC-SPEEDX country list, West Berlin IS indeed a radio country. Thanks to Mark Koukol and Michael Schulsinger for pointing this out. We have some good loggings for two stations in this country this month.

- ALBANIA** Radio Gjirokaster, Radio Tirana
- 5020 0439 RG: Albanian Albanian folk mx, bad QRM but strong signal, //5057 worse for signal, better for QRM, 423 (12/9 McKeon-IN)
 - 5057 0402 RG: Albanian nx, various mentions of Albania, //5020 not as good tonight, discussion of Stalin & Trotsky, ID @ 0413, folksongs @ 0413, signal diminished @ 0420, 555 (12/21 McKeon-IN)
 - 6200 0337 RT: EE wld nx, contry by OM on the removal of nuclear weapons from Europe, ID, then s/off @ 0357, 433 (12/9 Coutermarsh-VT),(Duncan-NC)(Bingham-MA)
 - 7065 0008 RT: EE YL w/Review of the Albanian Press, What I couldn't understand was the fact that she was blasting Russia for their invasion of Afghanistan, 333 (12/29 Shamblin-CA),(Karns-OK)
 - 7080 0630 RT: EE nx, contry on youth in Albania, 433 (12/16 McKeon-IN)
 - 7120 0228 RT: EE medical profile, YL, nx, OM talk on working class & trade union, OM talk on Lebanon & Iran, 0256*, 343 (12/17 Bingham-MA),(McKeon-IN)
 - 7300 0338 RT: EE ID, contry on START talks by OM, 433 (12/9 Talbot-ALB)
 - 9480 *1630 RT: EE "This is R. Tirana" by YL, A Week in Albania pgm, item on a New Year's song festival, songs, wld nx, folksongs, 1656*, 454 (12/26 Krist-VA)
 - 11960 1234 RT: EE discussinn of court trials of Albanians in Yugoslavia, 333 (McKeon)
- AUSTRIA** Österreichischer Rundfunk
- 5945 0100 ORF: EE OM & YL, nx, mx, Nuclear Deployment in Europe, Xmas mx, ID, sked, address, 444 (12/22 Mendez-NJ),(Coleman-MA)(Dillon-PA)(Weikel-MI)(Krist-VA)
 - 17770 *1230 ORF: EE Austria Calling by OM, Report from Austria, nx, Profile of Austria topic: sweets, Post Box 700, 1255*, 433 (12/12 Krist-VA),(Thunberg-PA)
- BELGIUM** Belgische Radio en Televisie, Radio-Télévision Belge de la Communauté Culturelle Francaise
- 5895 *2200 BRT: EE Brussels Calling, songs & mx, item on current exhibitions in Belgium, QRN main listening problem, 353 (12/17 Krist-VA)
 - 5910 0001 BRT: EE daycare center report & discussion, 454 (12/23 Weikel-MI)(Thunberg)
 - 17610 1401 BRT: EE OM w/times & freqs, address, focus talk on banks, OM w/wx dull 40^o, mx rock n roll, YL w/talk on book of topography, DX Panorama, radio world, 454 (12/8 Bingham-MA),(Klosowski-FL)
 - 17610 1525 BTFB: FF jazz, contry, 333 (12/26 Weikel-MI)
 - 21460 1600 BRBF: FF President returned to Beirut from a visit to England, 333 (12/17 Stiner-NY)
- BULGARIA** Radio Sofia
- 7115 0400 RS: EE OM, nx, OM & YL on meeting in Sofia of anti-war activists, mx, QRN, ID @ 0425, political gabble, 0431 woodpecker?, anti-US speech, 444 (12/23 Mendez-NJ),(Henault-MA)(Coutermarsh-VT)
 - 9560 *1700 RS: AA 1658 IS & ID as "Huna Sofia," 1702 OM took nx, YL w/ s/on anmts, very good 5-9+20 signal, better than when beamed to NAM, 444 (12/7 Palmer-RS)
 - 9665 2130 RS: EE IS, ID s/on w/EE sked, het 322 (12/22 Moman-ALB),(Fraser-MA) /WA
 - 9700 *0000 RS: EE "This is R. Sofia, Bulgaria" by OM, nx, contry on Bulgarian National Peace committee, mx, Bulgarian folk feature on groups that performed abroad in 1983, 444 (12/18 Krist-VA),(Karns-OK)(Dillon-PA)

No sense starting Czechoslovakia on the little space left on this page.

CZECHOSLOVAKIA

Radio Prague

5930 0115 RP: EE Propaganda on US aggression, anti-peace campaign, Kadafi booster club report, ancient mx, 544 (12/23 Weikel-MI), (Mendez-NJ)(Jones-TX)
 6055 2230 RP: Czech s/on w/Czech Xmas mx, tlk, 444 (12/25 Prath-FL)
 7345 0348 RP: EE YL gave sked for the week, OM & YL tlk, I hope you'll be tuned to us, people singing, times & freqs, OM gave address, mx instruments, 0356*, 252 (12/20 Bingham-MA), (Karns-OK)(Stanley-AZ)
 9540 0245 RP: SS folk mx, tlk about Czech history, 333 (12/11 Prath-FL)
 15110 *1430 RP: EE This is R. Prague, Czechoslovakia by OM, mx report on Soviet budget for 1984, comtry on Soviet troops in Afghanistan, item on Winter activities, 444 (12/27 Krist-VA)
 21505 1445 RP: EE till 1500, IS then Czech, QRM, 322 (12/11 Prath-FL)

FINLAND

Radio Finland

11745 1732 RF: Finn/Swed OM w/tlk apparently on Sibelius in Finn w/selections of his mx, At 1740 IS & back in Swed, at 1742 YL gave ID "Finlands Radio," OM cont. after ID w/nx in Swed, good S-9 signal clear, polar QRN absent, 444 (12/7 Palmer-WA)
 15400 1300 RF: EE nuclear weapons free zone in Northern Europe, 333 (12/17 Blanchette
 17600 1350 RF: EE comtry on Finland by YL, Finnish mx-pop, folk, records with (FL) comments, Joe Brady Sports in '83, 444 (1/8 Weikel-MI), (Prath-FL)

FRANCE

Radio France International

3965 0733 RFI: FF nx by OM, 433 (12/25 Soomre-MA)
 6140 0000 RFI: FF nx Columbia landed at Edwards Air Force Base, OPEC sets new prices and production quotas, 433 (12/10 Stiner-NY)
 15200 1512 RFI: FF lots of good afro mx, lengthy jazz number, rock just before the hour, OM ancr, 444 (12/12 Thompson-CA), (Traver-CA)
 15300 1605 RFI: EE Paris Calling Africa, OM & YL w/wld nx, followed @ 1609 by comtry on events in Angola, 233 (12/17 Duncan-NC), (Talbot-ALB)
 15425 1901 RFI: FF OM & YL nx, 433 (1/7 Traver-CA)
 17620 1615 RFI: EE Paris Calling Africa pgm, pgm cut short due to a workers strike at RFI-so says the announcer, very good signal, 444 (12/14 Leonard-ME), 1613 EE ID, OM w/tlk on plane crash in Spain, OM stating "You are listening to a John Lennon song-Give Peace a Chance," African nx, Columbia landing delayed, 353 (12/8 Bingham-MA), (Karns-OK)(Weikel-MI)
 17775 1500 RFI: FF mx, station ID, B/c for Africa, two OMs talking, 444 (12/24 Stone-ONT)
 17795 1600 RFI: EE IS, ID, Paris Calling Africa, world nx, African nx, YL w/report from the island of Jamaica, OM & YL w/ P. O. Box 9516 pgm, 333 (Stanley-AZ)
 21620 *1600 RFI: EE Paris Calling Africa ID in FF, EE & PP, African nx, Rage mx, wld nx, Xmas mx & songs from France, ID by YL @ 1630, nx headlines, more songs, 1654*, 454 (12/24 Krist-VA)
 21685 1630 RFI: EE nx beamed to Africa, mx, nx report of beach explosion in Johannesburg, South Africa, 433 (12/8 Biron-NH)

GERMAN DEMOCRATIC REPUBLIC

Radio Berlin International

6040 *0000 RBI: SS IS, s/on w/Noticias, 433 (12/8 Prath-FL)
 6070 2315 RBI: EE comtry on the new dangers of nuclear war since the West European nations allowed the US to install the missiles, 111 (12/3 Stiner-NY)(Krist)
 9560 0349 RBI: EE RBI DX Club meeting, 444 (12/19 Talbot-ALB)
 9620 0301 RBI: EE "This is RBI, Voice of the GDR, nx, Africa service of RBI, OM answered questions on life in Socialist country, OM w/tlk on creating peace, 333 (12/24 Bingham-MA), (Stiner-NY)(Krist-VA)(Prath-FL)
 9730 *0015 RBI: EE nx, comtry on current situation in Grenada, Harry Bellefonte spoke about peace, listeners questions, anti-nuke statements, 222 (12/29 Krist-VA)
 11975 0337 RBI: EE YL w/This nx comes to you from RBI, youth organizations & libraries are free in the GDR, YL w/ID, listeners questions, working women receive rights, 353 (12/12 Bingham-MA), (Krist-VA)
 15170 1700 RBI: FF/Swahili OM tlk, mx, YL tlk, African Svce, 343 (12/17 Delk-CA)
 15450 *1515 RBI: EE "This is RBI, the Voice of the GDR," nx, comtry on GDRs struggle for peace, interviews w/visitors to the GDR this past year, 433 (12/27 Krist-VA)
 21465 1355 RBI: EE Southeast Asian Svce, tlk on Education, 333 (12/8 Thunberg-PA)
 21540 *1330 RBI: EE nx, "This is RBI, the Voice of the GDR," listener letters, comtry on NATO & peace, songs, item on GDR beer & brewery, rock & pop mx pgm, 1413*, 333 (12/18 Krist-VA), (Prath-FL)

We can't start the FRG in this small space I take the space to wish you all a very happy Valentine's Day. May your mailbox be full of cards.

FEDERAL REPUBLIC OF GERMANY Radio Free Europe, Deutsche Welle

3990 0445 RFE: Polish? tlk by OM, ID @ 0500 "Radio Wolna Europa" & announced freq, some QRM from DW on 3995, 333 (1/3 White-MI)

3995 0035 DW: GG pop mx, //6075, 343 (12/14 Prath-FL)

5960 0530 DW: EE science report ends followed by a report of wx, money conversions compared to the US dollar, a dissertation on Christmas Customs & other related sorts, 343 (12/10 Leonard-ME), (Henault-MA)

6025? 0100 DW: EE nx, 4.5 million foreigners in W. Germany, largest number Turks, 9.5% unemployment in W. Germany, 444 (1/4 Weikel-MI)

6085 0110 DW: EE wld nx followed by German view of coup in Nigeria, introduction of cable tv in Germany, 433 (1/3 Duncan-NC), (Stiner-NY)

6145 0100 DW: EE nx, the Pope said "Peace is up to each person," 2 German coalmines closed down, OM w/Spotlight on modern life, press review, 454 (12/24 Bingham-MA)

15135 *1500 DW: EE nx, DW Christmas pgm-songs & Xmas stories, 343 (12/24 Krist-VA)

21530 1530 RFE: Czech tlk by YL & OM, mention of religion a few times, //21720, 444 (12/11 Prath-FL)

21560 1500 DW: GG s/on w/nx, sports, 454 (12/11 Prath-FL)

GREECE Voice of Greece

9420 0141 VOG: Greek mx pgm til 0144, OM w/ Greek tlk & mention of Athenia, tone till 0200, restart of pgm w/tlk, 344 (12/16 Kerrigan-IL), (May-OH) (Leeman-11645 0135 VOG: EE nx, into Greek @ 0139, //9420, 9865, 554 (12/11 Prath-FL) /RI)

HUNGARY Radio Budapest

6025 *2100 RB: EE "This is R. Budapest, Hungary" by OM, International Nxroom, nx, comtry on Nationalism, item on school system, 2125*, 333 (12/17 Krist-VA)

7220 2100 RB: EE IS, s/on with nx, 222 (12/18 Prath-FL)

9585 2055 RB: GG/EE end of GG pgm, EE @ 2100, 232 (12/18 Prath-FL)

11910 1720 RB: EE OM & YL give pgm notes for future shows, IS & ID in GG @ 1730, 232 (12/16 Sable-NY), (Prath-FL)

ICELAND Iceland State Broadcast Service Ríkisútvarpið

13797USB 1915 ISBS: Icelandic tlk by YL w/comments by OM, mentioned Reykjavik a few times, comtry by OM @ 1930, 242 (1/3 White-MS), 1840 Icelandic by 1925 still no mx, tlks, YL to 1900, by OM after, missed ID (if any) 1900, really good (S-9) around 1915, YL back 1925, polar flutter, 333 (12/7 Palmer-WA), (Stiner-NY)

IRELAND Radio Dublin International

6910 0358 RDI: EE nx, ID & promo on the hour for dj Vladimir, then ad for a Supermarket & a contest from R. Dublin, not heard every night as it was in Sept/Oct, 232 (12/27 Stephany-NY)

ITALY Radiotelevisione Italiana

5970 *0100 RAI: EE "This is RAI b/cing from Rome" by YL, nx read by same old-tired sounding YL, pgm of light mx, note new freq, 0119*, 433 (12/12 Krist-VA)

9575 0100 RAI: EE usual nx with operatic aria at the end, 353 (12/25 Fraser-MA), 0100 EE IS, ID "You are tuned to RAI," YL w/wld nx, nx item: the death of fans in bus crash on way to football game, jazz & blues till s/off in EE @ 0120, 444 (12/19 Stanley-AZ), (Krist-VA), (Karns-OK)

LUXEMBOURG Radio Luxembourg

6090 2240 RL: GG/EE pop mx until 0000, GG lang nx headlines @ 2300, ID in EE @ 0000, news headlines & wx in EE, signal deteriorated steadily until lost in QRM @ 0004, OM ancor, 433-322 (12/28 Evans-TN), 2359 EE "Music for the '80s" jingle, It's midnight Britain here's the nx by OM, UK wx check, disco, 433 (12/30 Krist-VA), (Stiner-NY) (Kosugida-Japan)

MALTA IBRA Radio, Radio Mediterraneo, Deutsche Welle relay

6110 *1900 IBRA: GG/EE IS, ID in EE 1900, then GG pgm w/3 IDs by YL during it, ID & IS again in EE 1930, into IBRA R. NAM pgm from Toronto w/occasional ICR references, 444 (1/8 Stephany-NY)

6110 2254 RM: EE rock mx woth sports & nx features between some selections, YL announcer, ID, address, NA before 2330*, 333 (12/26 Evans-TN)

9590 0100 DW: EE nx, mailbag & GG lesson, 433 (12/4 Klosowski-FL)

11795 0205 DW: GG nx, comtry, 443 (12/11 Prath-FL)

MONACO Trans World Radio

7160 *0725 TWR: EE music box IS, YL w/ID & into pgm review & usual rel. pgming, fair (12/18 Sheedy-CA), (Soomre-MA)

NETHERLANDS Radio Nederland
6020 *2230 RN: SS IS, s/on w/ Happy Station pgm, 444 (12/18 Prath-FL)
11730 *1830 RN: AA s/on 1830 preceded by IS, OM gave s/on anmts, they announced Lopik as xmtr site, different OM cont. with nx, to Mideast/Africa, down to 222 by 1840, 333 (12/1 Palmer-WA)
17605 *1430 RN: EE Happy Station Show-songs, calls to listeners, listener letter, birthday calls, much Xmas mx, 454 (12/18 Krist-VA)

NORWAY Radio Norway International
11735 1755 RNI: Norwegian 1755 EE ID, IS, "This is RNI," different pgm from 1700, now 1719 two men tlk, 1824 "You are tuned to RNI," 1825 YL & OM tlk, 1827 slight QRM from IS of R. Nederland, 1845 ID in EE, freq info, Norwegian @ s/off, 343 (1/3 MacGibbon-OR) Thanks for all the information in your log-djs
11860 1657 RNI: Norwegian 1657 EE ID "This is RNI" & IS, OM w/nx & then 1708 into pgm, 1718 mx-Norwegian vocals till 1745 s/off, 353 (1/3 MacGibbon-OR)
17710 1358 RNI: EE/Norwegian IS w/YL ancr in both Norwegian? & EE, 1400 pgm on preparation for Xmas & wld nx, 333 (12/18 Duncan-NC), (Stiner-NY)
25615 *1300 RNI: EE "This is RNI" by OM, Norway This Week, "1330*", item on women in UNESCO, Norway Today, roundtable on nuclear war, 454 (12/18 Krist-VA)

POLAND Radio Polonia
6095M *0200 RP: EE Christmas pgm w/ Xmas mx, 322 (12/25 Card-RI), (Prath-FL)
7125 *2230 RP: EE "This is R. Polonia b/cing in EE from Warsaw, Poland" by OM, nx, Panorama w/ a look at Polish economy in 1983, 2258*, 333 (12/29 Krist-VA)
7270 2300 RP: EE/Polish concert pgm of piano mx & concertos, 444 (12/25 Card-RI), 2015 FF tlk about Poland by OM, 322 (12/18 Prath-FL)
9540 *1600 RP: EE "This is R. Polonia b/cing in EE from Warsaw" by OM, Review of Christmas Week, "This is Warsaw Calling" by OM, holiday mailbag pgm, 1629*, 343 (12/26 Krist-VA)

PORTUGAL Radio Portugal, IBRA Radio, Radio Renascena, Deutsche Welle
6025 2038 RP: EE nx report, OM w/tlk about Portugal to fish in Canadian Ocean due to pact, OM gave times, freqs & target areas, 242 (1/4 Bingham-MA)
6075 0545 RP: EE YL w/a tourist thru parts of Portugal along the Taber, mx from 0555, IS & NA @ 0600, weak at this point, 344 (12/16 Kerrigan-IL), 0530 EE ID "This is R. Portugal b/cing from Lisbon international service," nx, pgm on tourism in Portugal, places to visit, accordion mx, 454 (12/9 Bingham-MA), (Karns-OK) (McKeon-IN)
9670 1815 IBRA: Hebrew/RR ID & address, prayers, into RR @ 1830 w/EE ID @ 1830, IS, RR nx, choir mx in RR, short RR tlk, 322 (12/4 Soomre-MA)
9740 2034 RP: EE nx by YL, ID @ 2040 as "International service of R. Portugal" & gave complete EE sked, //6025 & 11775 in faintly, 322 (Moman-ALB) (Palmer-WA)
11730 2330 RR: PP IS, ID, reading or prayer, nice PP folk mx-mostly vocals, EE Xmas mx by Bing Cosby, 444 (12/18 Soomre-MA)
11865 2103 DW: Czech GG lessons for Czech speakers, OM & YL w/lesson in which one learns how to deal w/taxi drivers in GG (Wow!) honest-that's what it was, 333 (12/7 Palmer-WA)
11925 0320 RP: EE OM w/ID followed by cotry pgm on Free Masons in Portugal & historical events of Masons, 333 (12/22 Henault-MA), (Bingham-MA)

ROMANIA Radio Bucharest
5990 2105 RB: EE nx, political tlk, //7225, 343 (12/18 Prath-FL)
7195 2110 RB: EE YL w/nx, OM w/ fairly unbiased anti-nuke cotry, ID, nx, fair (12/9 Famularo-NJ)
9550 *0300 RB: SS IS, s/on, nx, 333 (12/11 Prath-FL)
9570 0310 RB: SS tlk about US-Soviet relations, 332 (12/7 Prath-FL)
9690 *1930 RB: EE IS, s/on in EE w/nx to Europe, //7195, 333 (12/18 Prath-FL)

SPAIN Radio Exterior de España
9360 0446 REE: SS OM w/tlk, football scores to 0448, OM ID, freqs, s/off @ 0500, 434 (12/15 Marshall-AZ)
9630 0100 REE: EE OM w/Spanish Opera singers, YL w/Press Review, 333 (12/31 Cox-CA), 0148 EE OM w/ID, YL w/DX pgm @ 0149, 433 (12/18 Talbot-ALB), (Bingham-MA)
9765 0735 REE: EE Operetta w/EE cotry, nx, 222 (12/31 McKeon-IN)
11760 2100 REE: EE QSL information, 55555 (12/3 Karns-OK)
11840 1929 REE: EE March mx, OM w/freqs, TC, Panorama, unemployment in Spain, 1840+ going up, Press Review, YL w/wx in Spain, ID, guitar mx, 353 (1/4 Bingham-MA)
11880 2100 REE: EE nx, Spain in the '80s, Spanish by radio, ID, 2129*, 454 (12/21 Bradley-FL), (Coutermarsh-VT) (Leonard-ME) (Bingham-MA) (Stanley-AZ)
17650 1700 REE: SS YL w/ID, nx, EZ instrumentals w/OM tlk, 322 (12/16 Thompson-CA)

SWEDEN Radio Sweden International
 9695 0230 RSI: EE IS, ID, world & Swedish nx, YL & OM w/tlk on the peace movement in Sweden, nordic mx, 333 (12/12 Stanley-AZ)
 11705 0230 RSI: EE mailbag pgm which answers questions about what beekeepers do with their bee's during the winter & the censorship of films in Sweden, 433 (12/12 Coutermarsh-VT) Different people hear different things when they listen to the same broadcast-djs
 11920 1625 RSI: EE feature on quitting the cigarette smoking habit, 333 (12/9 Biron-17860 1415 RSI: EE OM stating yesterdays pgm blacked out, OM w/weekday Wednesday, /NH) folk mx, Sweden during Beligouse period much Swedish folk mx lost, 454 (12/28 Bingham-MA), 1420 EE answered letters from listeners about censorship of movies such as ET for children under 11 years old!, 444 (12/11 Stiner-NY)

SWITZERLAND Swiss Radio International
 3985 0650 SRI: EE Swiss mx, ID @ 0655, more mx, ID @ 0700 & TC, Dateline, 353 (1/3 White-MS), 0656 EE 344 (1/3 McKeon-IN) Two people listening to the same program on the same frequency!-djs
 6135 0209 SRI: EE ID @ 0211, DX pgm, cuckoo clock mx, switched to SS @ 0215, VOA QRM, 422 (12/11 Pfeffer-NY), (Hosmer-MI) (Bingham-MA) (Krist-VA) (Stanley-AZ)
 9535 2103 SRI: EE 2 men w/tlk on Swiss film makers, end of Friday pgm, Swiss mx, accordion mx, YL stating this pgm continues in GG, 454 (12/23 Bingham-MA)
 9635 0210 SRI: EE mx, 44444 (12/7 Karns-OK)
 9725 *0145 SRI: EE world nx by OM, 433 (12/10 Duncan-NC)
 12030 1335 SRI: EE interview w/man who owns a billiard parlor, ID @ 1335, 333 (12/22 Golab-IL)
 15425 1530 SRI: EE ID on the half hour followed by a long pause then the nx, heavy QRM from AFRITS on 15430, everything is echoed (strange phasing condition maybe?), 211 (12/24 Leonard-ME)
 15430 1550 SRI: EE Dateline Friday, instrumental mx, 433 (12/15 Thompson-CA)
 17830 *1530 SRI: EE TC, world & Swiss nx, Christmas Eve edition of Swiss SW Merry-Go-Round-Xmas songs & DX items, 1559*, 433 (12/24 Krist-VA)
 21570 1335 SRI: EE 40,000 kids die each day from dehydration, OM w/tlk on unicef, Dateline Monday, wx 50°C & snow, OM w/tlk about climbing mountain, 1345*, 454 (1/2 Bingham-MA), (Klosowski-FL)

U.S.S.R. Radio Minsk, Radio Moscow, Radio Kiev, Mayak, Radio Station Peace & Progress, Radio Afghanistan relay, Radiostantsiya Rodina, Radio Vilnius

Byelorussian SSR
 6010 1800 R. Minsk: Byelorussian nx, comtry on Iran & America, tlk of Nicaragua, opera type in RR by OM, //5980 (242), //7280 not heard, 433 (12/25 Soomre- /MA)
RSFSR-European
 9765 2320 RM: EE pgm on how beautiful Moscow is during Christmas w/lights etc., where children get presents from an uncle & celebrate New Years, 433 (12/31 Duncan-NC) Site was Krasnodar-djs

Ukrainian SSR
 7165 0015 RM (Lvov): EE Moscow Mailbag-letter from a "Red baiter," 554 (12/25 Fraser-MA)
 11860 1700 RM (Lvov): EE nx, The Way We See It, comtry, Your Top Tune-Russian pop mx contest, 554 (12/18 Fraser-MA)
 15455 1520 RM (Nikolayev): EE Kaleidoscope-a pgm about the Soviet way of life, 433 (12/11 Leonard-ME)
 17810 1330 RM (Simferopol): EE story about the Kazakh steps-audio book club, ID, 444 (12/4 Dillon-PA)

Unknown Sites
 5015 0702 RM: RR IS, s/on @ 0700, OM RR ID, into RR pgm, 434 (12/13 Marshall-AZ)
 7100 0510 RM: EE OM w/nx highlights followed by feature, Soviet Way of Life, spotlight on life of Soviet farmers, 545 (12/8 Henault-MA) Site is Nikolayev 2300-0400-djs
 7150 0638 RM: EE letterbox pgm-one letter addressed New Year's celebrations in the USSR-they have 11 time zones & some party thru each & every one, they do celebrate the occation, 333 (12/30 Leonard-ME) Site is Simferopol 2300-0400
 7165 0641 RM: EE letters are read on air on a mailbag type pgm, 0649 the woodpecker is heard in background, //7150, 333 (12/23 Leonard-ME) Site is Lvov 2300-0400-djs
 7205 0030 RK: EE nx, Mailbag-special on 20th anniversary of pgm, 453 (12/25 Fraser-7260 0045 RK: EE panel discussion on nuclear war heads listeners letters, /MA) headlines, 323 (12/19 Weikel-MI)
 9470 *1300 Mayak: RR IS, nx by OM, 322 (12/10 Prath-FL)
 9480 0110 RSP&P: PP "Emissora Paz e Progresso," political tlk by OM & YL, 444 (12/11 Prath-FL)

9520 0000 RGP&P: SS ID, nx, comtry, //9665, 443 (12/23 Prath-FL)
 9575 1240 RM: EE RR folk mx, tlk, //21590, 322 (12/18 Prath-FL)
 9665 *1900 RA: EE "This is R. Afghanistan calling Europe" by YL, nx, "This news comes to you from R. Afghanistan" by YL, song Total Eclipse of the Heart, 242 (12/24 Krist-VA)
 9685 0030 RK: EE IS, ID, nx, Issues & Views, 433 (12/20 Dillon-PA)
 9685 2300 RV: EE ID, nx, into mailbag @ 2309, interview w/West German poetess partially in GG, into classical mx & jazz, more IDs saying "From Soviet Lithuania," musical portion was called "Musical Panorama," //9750 QRM'd from RCT 9755, other announced freqs 15.1, 15.33, 17.87, 444 (12/23 Munster-GA)
 9685 *2330 RR: RR ID as "Radiostantsiya Rodina," 443 poor modulation (12/23 Munster-VA)
 9750 0734 RM: EE in hopes of hearing Malaysia here instead I get R.Moscow, /GA) very weak signal-went to USB to dig it out of the mud, mx pgm heard not too bad, 121 (12/13 Leonard-ME) Site is Nikolayev 0400-0600-djs
 11980 2250 RM: EE YL w/comtry on US involvement with the Afghanistan guerilla activities against the current Govt. & Russian troops, 444 (12/16 Henault-MA) Site is Krasnodar 2300-0500-djs, did you listen past the hour?

UNITED KINGDOM British Broadcasting Corporation, Voice of America relay
 3955 0310 BBC: EE World nx, From Our Own Correspondent w/report on Granada, Just A Minute, Newsdesk, Big Ben chimes, QRM from ARO, 242 (12/18 Krist-VA)
 3975 0650 BBC: EE typical fatuous British comedy, not bad enough to be worth listening to!, 433 (1/3 McKeon-IN)
 5975 0300 BBC: EE World Svce, nx, The World Today, 333 (12/7 Dillon-PA)
 7120 0707 BBC: EE wld nx ends followed by 24 Hours-which seems to deal mainly with current events in the news, 243 (12/13 Leonard-ME)
 9750 1615 BBC: GG YL gives EE lang lesson for GG speakers, 222 (12/8 Sable-NY)
 9760 1430 VOA: EE Concert Hall, contemporary Xmas mx by Winston, 454 (12/18 Fraser-BBC)
 15070 1751 BBC: EE OM w/sports pgm "Saturday Special," England vs. Auckland /MA) cricket in New Zealand, 343 (1/7 Traver-CA), (Klosowski-FL)(Card-RI)
 21470 1616 BBC: EE OM w/tlk of special military tribunal, focus on Africa, cash shortage in Algerian banks, pgm What the People Say & What the Papers Say, 454 (12/16 Bingham-MA)

VATICAN STATE Vatican Radio
 6015 0102 VR: EE OM talking about the Pope's Christmas message, 433 (12/29 Shamblin-CA), 0105 EE Pope's 1st 1984 encounter with people, Silent Night mx, 434 (1/4 Weikel-MI), (Bingham-MA)(Coutermarsh-VT)(Fraser-MA)(Karns-OK)
 11740 *1445 VR: EE "This is Vatican Radio" by OM, nx, Review of Pope's Christmas Mass, 1459*, 444 (12/27 Krist-VA)
 11845 *2330 VR: PP IS, religious mx, tlk, 443 (12/10 Prath-FL)
 15405 1400 VR: SS YL announcing "Hoy in Vaticana," harp mx, 545 (12/23 Robinson-TN)

WEST BERLIN RIAS-Berlin, Sender Freies Berlin
 6005 0725 RIAS: GG rel pgm w/OM preacher & organ w/choir, break for nx 0730 w/OM ID, then YL ID 0735 & back to the pgm, no QRM & very strong-Reloj gone, 354 (12/26 Stephany-NY), 0900 GG OM w/GG ID & tlk, much QRM, 222 (12/4 Hosmer-SFB): GG class mx pgm to 2258, ID by OM then IS 5 times to TP/TC/ /MI) slogan ID on the hour, nx til 2305 then into contemporary mx, 343 (12/23 Stephany-NY)

RADIO RAINBOW Spain?
 11820 0235 RR: EE/? sound like they were giving EE lessons, ID as "R. Rainbow," tlks between YL & OM, 0300*, 444 (12/27 Coutermarsh-VT)

WBI NEWS

GREECE Radio station Macedonia in Thessaloniki has recently been heard from 1000-1730 Monday to Saturday on 12000 & 9815 kHz. On Sundays, the transmitters sign on before 0730.

NETHERLANDS A schedule received from Radio Netherlands for the period from 3/25 to 9/30, 1984, states that during the course of the schedule, the new 500 kW Flevo transmitters would take over from the existing 100 kW transmitters at Lopik.

That's all the news we have for this month. 73's

Dan



SHORT WAVE

AFRICA



MARK KOUKOL P.O. Box 321 DeKalb, IL 60115

This month, loggings of Sao Tome and Comoros spotlight an excellent selection, including real-time monitoring of the Nigerian coup via VON & regionals. ATTENTION: please watch for the new address for this column in next month's issue. Ye ed is moving to Beloit, Wisconsin to take a position with the Beloit Public Library's support services; WI seems to attract a lot of SPEEDX staffers, maybe it's the "sky blue waters", hi. So it's OK to use my DeKalb box for next month, but remember to check the header then for my new QTH.

ALGERIA

- 9640 2000 R. Algiers; FF, 4 pips at 2000, into EE w/ment. of freqs 9760, 15215, 15370--no 9640! //s not audible, 333(12/22 Moman-AB) // to 17745(323) and 15160(222), 333(1/2 Sharp-FL) 434(12/23 Soomre-MA) 343(1/3 Clevelley-NY)
- 15370 1705 RTVA; AA pgm "Sawt al Filastin" produced by PLO, 1900 AA nx, 544(12/14 Wood-Saudi Arabia)
- 17745 2000 R. Algiers; EE, ID then nx followed by mx pgm @2010 w/US pop mx, to gradual f/o @2023, 333-222(12/29 Evans-TN) 333(1/3 White-MS)

ANGOLA

- 9660 0516 R. Nacional; PP, all mx(rock-afro-disco-pop) & TC's-IDs, full ID @0530, IDs as "R. Nacional", ments. of Angola, to 0645 t/out, 443(12/31 Moore-TX)
- 11955 0550 R. Nacional; PP tx by OM btwn Afro mx, ments. of Angola & Luanda but no ID(noted w/pos. ID 1/3 @0500), weak sig & lousy mod. even in ECSS, 232(1/2 Sharp-FL) 0500-0515 w/OM ancr, ID, brief xylophone mx, low mod., 222(1/3 Clevelley-NY)

ASCENSION IS.

BBC Relay EE in brief: 7105 @0412, 9600 @0320, 11750 @2300, 11860 @0447, 15105 @1750, 15260 @2000, 15390 @2130, 15400 @1825 & 0705(10 rpters)

BENIN

- 4870 2157 ORTE; FF, tx btwn OM & YL, xmtr problems all afternoon, @2200 full OM ID w/fanfare & into pres. nx, 343(1/1 Sharp-FL) 2230 w/OM ID, nx abt Nigeria, 332(1/2 Prath-FL) @0514 FF w/tribal Afro mx, OM ancr, another OM w/brief emotional tlk, then back to other OM w/nx, 232(12/21 Thompson-CA) +2

BOTSWANA

- 4848 0350 R. Botswana; EE/Setswana, barnyard sounds IS to 0358, NA, ID by OM @0400 in EE & Set. w/freqs, orchestral mx @0401, then Setswana tlks, 444(12/31 Berri-CA) after my favorite IS, NA 0358 & ID "You are tuned to R. Botswana" & freqs, into apparent relig. sermon by OM in lang., 333(12/10 D'Angelo-PA)(12/23 Sharp-FL)(12/29 McKeon-IN)(12/7 Hosmer-MI)

BURUNDI

- 3300 0300 LV de la Revolution; FF or vern., nx by OM w/ments. of "LV de la Rev." & Bujumbura, decent sig but QRM de co-channel TGNA Guatemala, 322(1/7 Sharp-FL) Always extreme QRM here from the LAM & UTS but I'll get 'em someday!-MK

CAMEROON

4000 0622 R. Bafoussam; tx by deep-voiced OM, some FF, but certain some was EE too, probs de UT & poor mod. made unpleasant listening, 333(1/2 Sharp-FL)

4795 2103 R. Douala; EE Nat. Svc nx, ID, //4850 & 5010, nx ends 2116 & into Afro mx, 353(12/17 D'Angelo-PA) @2240 w/EE YL & pop mx, 322(12/20 Moman-AB) @0610 EE w/lcl & world nx, into FF @0615, 333(1/2 Schmutz-NY) EE "Cameroon Report" @0602, day of mourning ancmt, 322(1/8 Traver-CA)

4850 0530 R. Yaounde; EE ID for Nat. Svc, then OM nx, ID 0545 then mx, 333(1/3 White-MS)(+2) tent. @2242 w/YL slow romantic songs, 333(12/20 Moman-AB)

5010 0125 R. Garoua; FF OM w/Christmas mx, hi-life, greetings to listeners, ment. being on late for Christmas, fair(12/25 Parks-FL) @0530 w/EE nx by OM to 0546, then into vern. & lcl mx pgm, into FF @0600 w/ID & IS, 433(12/1 Schulsinger-OH) +2

CENTRAL AFRICAN REP.

5035 2140 R. Centrafrique; FF, lcl mx, brief OM ID, more mx, OM DJ is a bit sloppy cueing his records--probably still recovering from the party, hi! 433(1/1 Sharp-FL) FF ID 2200, pres. nx, then mx pgm w/YL doing jingle IDs, 433(12/3 Hosmer-MI) FF @0500 w/ID & into hi-life mx, good condx tonight, 333(12/14 Marshall-AZ) 333(12/20 McKeon-IN)

CHAD

5302v 0500 R. Moundou; FF, usual balafon IS, then NA & ancmts by OM, up a few kHz apparently to avoid UT QRM(or because the xmtr is shot-MK), 233(1/2 Sharp-FL) 5286, tone to 0505 then ID w/freq, fair(1/4 Clevely-NY)

COMOROS

3331t 0300 R. Comoro; AA or vern., NA @0300, brief ancmts by OM & into Koran to 0322, then brief OM tx, into more recit.--am positive this is not Iraq & there were clear ments. of Moroni, bad QRM de CHU, 222(12/22 Sharp-FL)

CONGO

15190 2010 RTVC; FF w/OM tx & mx, 333(12/17 Delk-CA) @1751 w/cont. lcl mx, some tx by OM but no ID so tent., 333(1/7 Sharp-FL)

DJIBOUTI

4780 0300 R. Djibouti; AA/Somali, contrary to rpts it's inactive, still being hrd erratically w/NA & into Somali mx, decent sig if Venezuelan absent, 333(1/2 Sharp-FL)

EGYPT

9475 0200 R. Cairo; EE s/on & pgms to 0330, 333-555(12/6-12/14, 4 rp) @2330 in AA w/AA mx, world nx, "min-al-Qahirah", 333(12/11 Dillon-PA)

9805 2115 R. Cairo; EE nx, mx, press review, 543(12/25 Timofeev-FRG)

17670 1340 R. Cairo; AA tx by OM/YL, AA mx, //15210, 444(12/18 Prath)

EQUATORIAL GUINEA

4925 2005 R. Bata; Afro mx, vern. OM tlk, SS ID/freq @2045, SS mx, nx @2100, long NA @2130*, fr-gd(12/16 Famularo-NJ) SS w/hi-life mx to Sousa's "Thunderer" w/OM ann @2059, then into nat'l nx relay from Malabo w/trumpet theme--complete w/RTTY QRM de 6250, into regional nx 2120, s/off ann 2131 w/sked, NA to 2136*, 353(12/16 Stephany-NY)

5005.8 2126 R. Bata; SS, hi-life mx at t/in, anmts 2129 by OM w/sked for tomorrow & ment. Malabo, ended w/"..Republica de Guinea Ecuatorial", NA to 2134*--site presumed but who else? 232(12/26 Cunningham-OH) @2100 w/mx & SS IDs, good sig but RTTY QRM, OM & YL w/many ments. of "Bata", 333(12/8 Hosmer)

6250 2200 R. Malabo; SS OM tx, ID as "Esta es R. Malabo...emisora en Malabo, capital de.." then brief mx, NA, 2205*, good sig when not KO'd by CW tfc, 333(1/2 Sharp-FL)

ETHIOPIA

9560 1258 VORE; tx by OM in pres. Somali, brief mx, into OM in Afar, lcl Somali mx, then brief IS 1329 followed by 4 pips & one long one at 1330, into pres. nx & tx to 1400 AA pgm, still hanging in for 1500 EE pgm w/pol. tlk by YL & gone by 1540, very unusual reception! 444-233(12/19 Sharp-FL) Tnx for detailed rpt, OM1-MK One rpt @0327 rcvd w/no freq.

GABON

- 4777 2142 RTVG; FF, real laid-back mx pgm w/OM DJ, quick ID in passing @2203 as "Radiodif. Nationale" & other ments. of "LV de la Renovation", 333(12/16 Stephany-NY) @0627 w/OM DJ & excellent Afro mx, 323(1/2 Sharp-FL)
- 4810 2255 Africa #1; FF, ending pop mx, YL w/closing anmts, ID over flute/guitar, gone in mid-tune, //11940, gd(12/11 Sheedy-CA) probable nx @2130, 444(12/28 Coutermarsh-VT) *0459 w/flute tune & OM s/on ann, then pgm "Le Reveil Dominical" w/hilife, Beatles, disco, merengue, 454(12/11 Stephany-NY) 0505 w/wacky YL DJ & pop mx, FF speaking cowboys in Marlboro ad, 444(1/1 Drollinger-WI) +4

GHANA

- 4915 2149 GBC; EE, slow-speed & poor mod. nx by OM, carrier off in mid-sentence but on again in 2 min., into hi-life, 333(1/1 Sharp-FL) @0614 EE w/headlines, drum piece, then vern., prfr(12/26 Ulmer-LA)

GUINEA

- 9650 2230 LV de la Revolution; FF & vern., drama pgm, tough freq due to VOA/RM QRM, 444(12/11 Card-RI)
- 15310 1544 LV de la Revolution; FF/vern., tx by OM/YL on earthquake relief teams, 454(12/27 Sharp-FL) @2200 FF/vern. w/nx, pos. ID, //9650, 454(12/11 Card-RI)(12/15 Ulmer-LA)

IVORY COAST

- 4940 2215 RTVI; FF, poss. play or drama w/laughing, yelling, screaming children, 443(1/2 Prath-FL) @2341 w/FF-vern. ballads, into lcl nx @2354, ID & NA 2358 to 0000*, //7215 hrd w/ham QRM, fr-gd(12/5 Sheedy-CA)(+3) @0626 w/FF mx, EE ann "You're listening to the best music in town", FF nx 0630, 453(12/19 Moore-TX) 422(1/8 Traver-CA)
- 7215 0800 RTVI; FF, OM w/soul & lcl mx, 333(12/31 McKeon-IN)

KENYA

- 4915 0358 VOK; Swahili, OM tx, brief anthem @0359, into long nx segment w/ments. of Nairobi & other Afr. cities, ID 0410 w/"...Sauti ya Kenya, en Nairobi" & more nx, more NA @0415 & into mellow hi-life mx w/OM tlks to 0437 t/out, astounding level at first but began to fade by t/out--bet they have their new 250kW xmtr on line, 444-242(12/31 Cunningham-OH)
- 4934 0337 VOK; ?lang, interludes of mx btwn conversation by 2 OMs, readable but bad UT QRM, in most eves, 322(1/3 Sharp-FL)

LESOTHO

- 4800 0404 R. Lesotho; nx by OM sounded like EE, then tx in definite vern. to 0415, into mx, poor w/UT QRM & OC de R. Lara, 222(1/3 Sharp-FL)

One log received for BBC Relay on 9515 @0235--sked shows this is via VOA Greenville xmtr at this time-MK

LIBERIA

- 3255 2254 ELBC; EE, lcl & pop mx w/poss. ads, then tx by deep-voiced OM & ID as "The Liberian Bcst. System", 333(1/1 Sharp-FL) @0620 EE w/ELBC Magazine--mx & OM tx on nx events de 1983, ID 0630 as ELBC, 353(1/3 White-MS)
- 4765t 0728 ELWA; children reciting nursery rhymes in vern., OM in EE, children sing a song(real bad!), 344(12/24 McKeon-IN)
- 6035 0355 VOA Relay; EE w/Detroit soul mx, Bob Seeger singles, ID at 0400, 444(12/21 Golab-IL)
- 9715 0005 UN Radio Relay; PP nx magazine to Brazil w/closing 0013, sked, "Feliz Natal" wish, EE/PP ID, 454(12/24 Stephany-NY)
- 11755 *2015 ELWA; AA, IS w/EE-FF-AA IDs, into AA pgm w/mx & tlk, good (12/17 Pamularo-NJ) AA, to 2114* preceded by YL ID as "Elwah" & ment. "Monrovia, Liberia", must be new freq, 333(12/2 Palmer-WA)
- 15600 1916 VOA Relay; EE "Voices of Africa" pgm, OM interviews Afr. experts on Nigeria, 333(1/7 Traver-CA)

LIBYA

- 11815 2232 R. Jamahiriyah; EE tlk on education in Libya, "March of Resistance" pgm, 333(12/19 Leeman-RI)(+2) AA @2100 w/"Voice of the Great Homeland, V. of the People's Rev." pgm, ID as "Saut il-Watani il-Kebir, Saut ith-Thawrat ish-Shaabiyah", nx at 2120, 433(12/6 Dillon-PA)

MADAGASCAR

11740 1842 RN Relay; EE w/OM nx, OM/YL "Wednesday Report", to past 1911, 322(12/7 Pfeiffer-NY) +4
 15570 1702 RN Relay; AA pgm w/vocal mx, OM ancr, 1720*, 343(12/13 Thompson-CA)
 21480 1435 RN Relay; EE nx & cmtry, 242(12/17 Prath-FL)

MALAWI

3380t 0320 MBC; brief tx by OM w/lots of lcl mx & chants, poss. ads or PSA's, severe QRM de R. Iris, 322(1/3 Sharp-FL)

MALI

5995 2147 RN du Mali; FF, several min. of lcl mx then tx by OM, no pos. ID but ments. of Mali & //weaker 4783, 344(1/8 Sharp)

MAURITANIA

4845 2358 RNM; AA end of nx by OM, closing anns & sked, ment. of "Nouakchott", into NA & off by 0000, 444(1/1 Sharp-FL) at 0700 w/ID, nx in FF, lcl guitar mx, into AA at 0710, 343(1/5 Schmautz-NY) AA 0740 w/play, 444(12/24 McKeon-IN)

MAURITIUS

9710 1230 MBC; messages by OM, some FF, others may have been EE, abt cyclone which recently swept island, co-chan. QRM, 322(12/27 Sharp-FL) Anyone else hearing this one?-MK

MOROCCO

15335 1610 RTVM; AA, nx by OM, brief ID & into mx, 433(1/8 Sharp-FL)
 17595 1639 RTVM; AA, vocals to 1659, OM ancr, 343(12/16 Thompson-CA)
 17815 1800 RTVM; AA ID "Huna Ribat", nx, here ex-17595(but see above-MK), 544(12/5 Wood-Saudi Arabia)

MOZAMBIQUE

4862 2200 R. Mocambique; PP nx, TC, list freqs, NA 2205*, 444(12/7 Wood-Saudi Ar.)
 11820a 0447 R. Mocambique; pgm of PP vocals w/brief OM PP tx btwn, 4 note gong @0459 & ments. of "Emissao Nacional" & "Maputo", then into pres. nx by OM/YL, back to lcl mx 0510, being hrd nitely, 433(12/25 Sharp-FL)

NAMIBIA

3270t 0440 R. SWA; vern., pop/soul mx by vy fast tlking OM--is this Herero lang?, pr(1/2 Ulmer-LA) @2248 w/cont. tx by Afrikans OM & into pop mx, 433(1/1 Sharp-FL)
 3295 0110 R. SWA; Afrik. YL DJ w/US/UK EZL vocals, ment. Windhoek at 0115, fr(12/10 Parks-FL) @0344 w/Christmas mx, 242(12/26 Smith-TN)

NIGER

5020 0552 ORTN; FF/vern., end of Koran recit., into lcl mx, much on wind inst., pres. nx at 0600, 323(12/31 Sharp-FL)

NIGERIA

4770 2352 FRCN Kaduna; EE, Maj. Gen. who ran coup msg to the people to 0004, into marches to 0029, "This is R. Nigeria, Lagos" ment. repeat of speech, fr-gd(12/31-1/1 Sheedy-CA) @0609 w/speech repeat, direct VON hook-up, 344-222(1/1 Johnson-IL) "Channel 2, Kaduna" ID 0600, 343(1/2 Schmautz-NY) +4
 4932 2200 FRCN Lagos Ed. Svc.; EE pgms, 232-353(12/13-12/20, 5 rpters)
 7255 0500 VON; Bohari speech being repeated every ½ hour, undermod. sig., 322(1/1 Johnson-IL) +6
 11770 1700 VON; EE, "Listener's Letters" pgm w/OM ancr & Christmas mx, nx 1715, 1722 Afro & rock mx, 544(12/22 Thompson-CA)
 15120 2145 VON; was listening to nx on RCI 15325 when coup mentioned, Flipped over here & found cont. martial mx, incl. stirring versions of "Highland Laddie" & "Rising of the Moon" on bagpipes, Sousa marches; OM ancr ment. briefly "those causing disturbances in public places will be summarily dealt with", ID 2200 by OM & ancmnt to standby for Bohari speech at midnight(2300), more badly distorted martial mx, tlking drums IS 2255 but no speech at 2300--ancr breaks in to say "we are standing by for the speech", eventually on at 0000. Was //7255, 4770, & believe 4932, once ID as just "This is Federal Nigeria"--who says TV is more exciting than radio!?! 454-333(12/31-1/1 Koukol-IL) +8

SAO TOME E PRINCIPE

4806 2250 R. Nacional; PP, class. mx w/anns by YL, flute mx 2258, then chime 2300 & s/off ann w/full ID by YL, NA to 2302*, QRM de Africa #1, 311(12/22 Stephany-NY) @2109 w/end of nx by OM, lengthy ID & freqs, into cont. lcl mx--recent veri & letter says they're anxious to r'cve rpts, 253(1/8 Sharp) @0540 PP w/OM/YL ancrcs & guitar mx, long gong @0600 & ID, into quick nx, more mx(sounded more Brazilian than African) poss. pol. tlk by YL @0613, fr-gd(12/17 Sheedy-CA)

SENEGAL

4890 2300 ORTS; vern., lcl mx then OM cmtry w/mx in background, ID @2323, 444(1/2 Cadorette-MA) 0822 FF w/nx & cmtry on Palestinianians, drums & poss. ID 0829, relig. mx("Hallelujah" Chorus) for Christmas I guess(must be why extended xmn-MK), weak, 222(12/25 Hevern-NY) @0750, 444(12/17 McKeon-IN)

SEYCHELLES

11780 *1730 FEBA; lang., IS & ID, mx, tlk, 322(12/26 Zilmer-NM)
15410a 1815 FEBA; ?lang., tone IS 1815-1818, w/clear ments. of FEBA by OM, then another ID & into mx, co-chan. VOA QRM, lang poss. Amharic, 434(1/2 Sharp-FL)

SIERRA LEONE

5980 2350 SLBS; EE, OM/YL ancrcs w/ID & freq, relig. mx & play of some kind, gd but QRM/QSB(1/6 Cleveley-NY) @2100 tent. w/tlk by OM, some EE, also bits of vern., lcl messages, pop mx, no ID noted(1/7 Sharp-FL)

SOMALI REP.

7120 0900 R. Hargeisa; s/on w/Somali ID, nx, mx, Koran--bcst Fridays (Muslim holy day) till 1200*, do not confuse w/Radio Kuwait which is here from 1830 s/on(544 12/16 Wood-Saudi Ar.)
7173.3 1500 R. Mogadishu; Somali nx, //7200, unclear if a spur from 7200(yes--see below-MK), 7200 not noted since 12/8, 444(12/2 Wood-Saudi Ar.)
7200a 0402 R. Mogadishu; AA, mx & occ. ancrcs by OM, sig not nearly as good as on 44 meters, sometimes drifts, 322(1/2 Sharp-FL)
Acc. to Glenn Hauser's report on "SWL Digest" 1/14, noted on 7200 but with spurs on 7173 & 7227, noted *1400-MK

SOUTH AFRICA

3250 0345 R. Five; EE, pop mx, OM DJ, ID @0400, 423(12/21 Golab-IL)
4835 0424 SABC; EE, tlk on agriculture, mx, TC/ID, chimes, "Radio Today" nx pgm, gd(1/2 Ulmer-LA) @2120, 343(12/7 D'Angelo-PA)

SUDAN

5039v 0400 R. Omdurman; AA, NA by military band, brief OM anns to 0406, into Koran w/guitar accomp., then more OM tx, unusual reception, 333(12/22 Sharp-FL) @0430 in AA w/OM/YL ancrcs, ID, Afr. mx, poor(1/6 Cleveley-NY)

SWAZILAND

3275 *0300 TWR; EE/PP, IS & ID in EE to 0300, then PP ID & pgm, Gospel mx, then Bible messages, 343(12/11 Stephany-NY)
11740 0339 TWR; EE, musical chimes and OM w/ID, into mx pgm in ?lang, 323(12/22 Henault-MA)

TANZANIA

3339 *0257 RT Zanzibar; vern., TT to 0257, then IS to NA 0300, s/on ann w/ID then Koran chant til 0317, ann & into pgm of lcl vocals w/OM ancrc--thrilled to hear this on 3rd try! 252 (1/7 Stephany-NY) Excellent, OM!-MK
5050 0351 R. Tanzania; Swahili, cont. hi-life mx, tx by OM, nx @0400, some QRM de co-chan. Latin & TIFC 5055, 333(1/1 Sharp-FL)
9749 1533 R. Tanzania; EE, mix of Afro mx & Abba w/OM host, ID/nx @1600, ment. it's Ext. Svc, 333(12/2 Miyachi-Japan)

TOGO

5047 0528 RT; FF, soft chimes IS to 0529, then military band NA to 0530, ID "Ici Lome, LV de la Nouvelle Marche", into choral mx, 444(1/2 Sharp-FL) @0555 w/soul mx, 433(12/20 McKeon-IN)

TUNISIA

7225 0430 RTVT; AA, NA & s/on ann by OM, into Koran recit., gd but covered by co-chan. DW, 323(1/2 Sharp-FL)

11745 1940 RTVT; AA, AA mx, OM/YL w/light banter & joking, xmtr malfunctioning(scratchy), //15225 not hrd, nx 2000, 433(12/7 Palmer-WA)

UGANDA

5027 0402 R. Uganda; EE, lcl & Afr nx, marching type mx, tlk on defense duties, into vern. @0420, 322(12/24 Soomre-MA)(12/1-1/5, Jones-TX, Evans-TN, Cleveley-NY, McKeon-IN, Sharp-FL)

UPPER VOLTA

4814 0529 RTVV; FF, Balafon IS to 0531, then OM ID, into indig. mx, more OM tx w/brief mx abt every 5 min., still improving by 0600, OM ID & into vocals--no UT, hope it's gone for good! 444(12/19 Sharp-FL) @2130-2218 w/FF drama, 232(D'Angelo-PA)

ZAIRE

7205 0412 R. Lubumbashi; t/in to hear lcl vocals & hi-life, 0418 FF OM tx, clear ments. of Lubumbashi, into drum mx & apparent message in vern. to 0423, then mx, audio prob. 0427-0430, into more mx to past 0438, 333(12/23 Sharp-FL) Nice!-MK

ZAMBIA

4910v *0345 ZBS; vern/EE, TT to 0346, fisheagle IS to NA 0350, s/on ann 0352 by YL w/ID "Radio Zambia Home Service, Lusaka" then mx, nx, ID on hr, vern. pgm w/mx, 343(12/26 Stephany-NY) (12/20 Hosmer-MI)

9505t 1600 ZBS; EE, nx by OM w/ments. of Zambia but no pos. ID as stn vy weak, rptd here by others but not sure if ZBS--other E Afr.'s audible indicating gd condx, 222(12/29 Sharp-FL)

ZIMBABWE

3396t 0406 ZBC-Radio 1; EE, pgm of rock & pop mx w/muffled tx by EE OM, seemed to give stn phone @0412, tent. ment. Herare, but no ID hrd--co-chan. Latin app. off early, 243(12/26 Sharp)

CLANDESTINE

6235.5 1515 V. of the Broad Masses of Eritrea; nx in Tigray, ID, // 7387.5, 544(12/14 Wood-Saudi Arabia)

9027 0502 R. Vatan(Egypt); Farsi, cont. tx by OM w/some splatter de VOIRI on 9022, wk but readable, 243(12/31 Sharp-FL)

17940 1430 V. of Sudanese Pop. Rev.; AA, lcl mx, Koran recit., ID "Saut Ith-Thawrat Ish-Shaabiyyat Is-Sudaniyyah", tlk on US in Mid-East, 333(12/10 Dillon-PA)

UNIDENTIFIED

4795 0514 OM w/speech in unk. Afr. lang, 444(12/19 McKeon-IN) I'd say definitely R. Douala in vern., OM-MK

4930 2208 OM tx in FF, 444(12/10 McKeon-IN) This is R. 4VEH, Haiti, which has recently activated this freq, OM-MK

5013 2030 Noted a PP stn from 2030-2039 w/Afr mx, vocals, & anns in PP, vy weak w/slight het de Garoua on 5010, still checking, poss. Angola(12/19 Barto-CT)

WBI/BBCMS News:

Algeria: Radio Algiers has introduced a new SW outlet for its AA svc, 6145 kHz; is hrd //11715 & 6160 from 0600-2300.(12/22)

Rwanda: Radio Rwanda's domestic svc in Kinyarwanda, Swahili, & FF was observed 13 Dec. from 0390-0600 on 6055 and 3330. A closing ann at 0600 said stn would resume bcstng at 1100 on 6055 & 3330 as well as FM freqs. (12/22) Could this one be being mistakenly reported as Comoros?? Koran recit's rptd by David Sharp this month wouldn't seem to fit Rwanda, but anyone trying for Comoros on 3330 please check closely to be sure you don't have Rwanda instead; at any rate, let us know what you're hearing here! Good luck-MK

V. of Mozambique National Resistance: This stn hostile to Moz. gov't was observed 10 Dec. from 1700-1800 on 4772, in PP 1700-1717, EE 1717-1728, vern. 1728-1800. A repeat of the bcst was hrd 12/11 closing at 0500(assume then 0400-0500 -MK).(12/15)

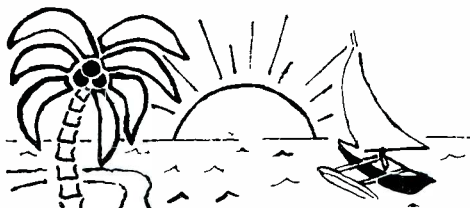
We're out of room! Hello to new rpters Scott Schmutz & S. Shimada, Tnx to Norm Cadorette for info on 12/83 Zimbabwe log(ID was EE), Frank V. ur RSA logs not here yet but hope to get them, hope you're catching more Africans Mike Leonard--antenna sounds great. 73s, Mark WDX9JKV/WB9FKP

ASIA-OCEANIA

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



Special thanks to Rick Drollinger for allotting me one more page this month. Last month's response from you the members, was overwhelming. I just could not fit everything into five pages and many good loggings had to be cut, including the complete listing of Asiatic USSR stations. I hope this hasn't discouraged anyone from sending in their USSR logs. The A/O section has not carried any Soviet loggings for quite a while, most likely due to lack of space, but I am hoping to list them as often as possible.

Thanks also to Mark Koukol for setting me straight on the Malaysian country situation and also to Bob Wilczek for his info on Indonesian propagation. I questioned an Indo log from Bill Parks in last month's column and according to Bob's info I see that this reception is entirely possible. Please forgive me Bill; I am a novice when it comes to DX'ing this area of the world, but I am learning quickly, thanks in part to the knowledgeable members of SPEEDX. Propagation is an inexact and varied science with a lot of gray areas (pun intended!). With that I better get onto the business at hand:

A F G H A N I S T A N

R. Afghanistan

4740 0225 RA: Dari: long tk by OM, sub-cont. mx, ment. of Afghanistan. //4450 fr(12/25 Parks-FL)(323 11/30 Uerlings-OR)(12/10 Barto-CT)
6230.5 1515 RA: Pustu: Afgh. mx, ID (444 12/14 Wood-S. Arabia)

B A N G L A D E S H

R. Bangladesh

15206.6 1800 RB: Bangla: list of freq, mailing addr, s/off w/"Bangladesh zindabad" (long live Bangladesh)(433 11/28 Wood-S. Arabia)

B U R M A

Burma Best Svc

4725 1217 BBS: Burmese: lcl and christian mx, nx, TC, ID(12/17 Barto-CT)(252 12/23 Stephany-NY)(232 12/27 Robertson-WA)

C H I N A

R. Beijing and various regionals

4760t 2305 Yunnan FPBS: CC: OM&YL w/CC tlk, trad. mx, Ute QRM(pr 12/6 Parks-FL)
4830 0858 Liaoning Peoples Bcst: CC: "Japanese by Radio" ID at 1000 by YL(444 12/11 Miyauchi-JP)
5170 1155 FFS-2: CC: tlk pgm w/OM & YL(332 1/1 Prath-FL)
5265 1105 FFS-1: CC: tlk by OM & YL, weak(232 12/25 Prath-FL)
6665 1650 CPBS-1 Beijing: CC: CC & EE vocals, time pips, tlk. 1731*(353 12/30 MacGibbon-OR) // 7335
6750 1135 CPBS-1: CC: tlk by YL poss, nx(222 12/25 Prath-FL)
6790 1125 RB: CC: lcl mx & tlk, listed as Taiwan Svc.(232 12/25 Prath-FL)
6920 *0956 RB: RR: abrupt s/on in mid-sentence w/OM & YL, "Govorit Peking", //6560. (222 12/31 Robertson-WA)
7022.5 1810 RB: RR: tlk on "Comrade Mao Zedong"(old tape?)(544 12/14 Wood-S.A.)
7025 1225 FFS-2: CC: CC vocals w/OM ann. (333 1/1 Prath-FL)
7700 1520 RB: RR: rpt on Afghan resistance to Soviets, //7055, 7820, all jammed but readable. (523 12/14 Wood-S. Arabia)
7935 1520 RB: CC: opera, ID(444 12/15 Wood-S. Arabia)
9820 1100 RB: EE: British Council of Churches visit to China, "Listener's Mail Box"(333 12/17 Blanchette-FL)(444 12/25 Cox-CA) at 1950 in RR: YL w/nx, "Piridacha Beijing, dosh pedanya".(343 12/6 Palmer-WA)
9860 *0000 RB: EE: Asian & wld nx, spts roundup, cmty, CC lang. lessons(333 12/12 Stanley-AZ)(333 12/13 Krist-VA) at 0100 in EE: tlk on 90th anniv. of Mao, Year in Review.(433 12/27 Gray-MI)
9900 1544 RB:?: Mid-East vocals, ID(still id'ing as Peking)(544 12/30 Thompson-CA)
11650 0000 RB: EE: nx, tlk on CC tourist ind."Listener's Letterbox"(444 12/12 Stanley-AZ)

China (cont.)

11860 0030

RB: EE: review of film abt Mao, "Learn to speak Chinese", nx profile.
(353 12/27 Krist-VA)(444 12/24 Karns-OK)(222 12/30 Coutermarsh-VT)

11945 0030

RB: EE: tlk on Bell of Peking(no-not the phone co.hil-RBT) their chimes
and meanings.(322 12/29 Byron-PA)

I N D I A

All India Radio

4800 1230

AIR Hyderabad: EE: nx by OM. Hrd. nearly every morning.(? Barto-CT)
at 1624 in EE/Verm: EE tlk by OM, ID, vern pgm(332 12/12 Miyauchi-JP)

7412 1537

AIR Delhi: EE: nx w/YL, ID "This is AIR giving you the nx", into Hindi
at 1546. (252 12/29 MacGibbon-OR)(333 12/14 Wood-S. Arabia)

9560 2200

AIR: EE: folk mx, wld nx cmty. (434 1/4 Cleveley-NY)

10335 1257

AIR: Sinhala(skcd): instl. melody to 1300 s/on, ID by OM, tlk by YL,
lcl mx(12/17 Barto-CT) at 1519 in Urdu/EE: nx w/OM, TC/ID into nx
w/YL in EE. (435 12/30 Thomason-CA)

11620 2009

AIR: EE: YL w/nx, ID by OM.(333 12/22 Moman-ALB)

15270 0430

AIR: end Farsi, ID into AA nx. // 17785 (544 12/1 Wood-S. Arabia)

15320 1055

AIR: EE: nx summary, ID (444 12/1 Wood-S. Arabia)

I N D O N E S I A

4000 1351

RRJ Kendari: IN: native mx w/YL, ID at 1401 followed by Indo pop mx.
s/off at 1518 (343 12/10 Miyauchi-JP)

4003 1521

RRJ Padang: IN: pop mx w/flavor of jazz, ID 1528(242 12/10 Miyauchi-JP)

4699 1538

RKIP Surabaya: IN: trad. mx pgm, "Selamat malam ...inilah Radio kusus
Informasi Pertanian...Surabaya" at s/off 1601(242 12/10 Miyauchi-JP)

4845 1347

RRJ Ambon: IN: CW mx, pops, lds by YL. Very clear signal-latest I've
hrd an Indo on East coast. (12/14 Barto-CT)

4876.8 1010

RRJ Sorong: IN: OM tlk, E. Asian drum & flut mx(343 12/3 Robertson-WA)

4899 1200

RRJ Surakarta: IN: nx, weak but clear. (12/10 Barto-CT)

5886 ?

RRJ Pekanbaru: IN: US contemp. mx, Xmas mx, IS at 1230(151 12/18 Ste-
phany-NY)

I R A N

VOIRI

7214 1525

VOIRI: AA: ID, interview w/AA preachers & politicians; hrd under the
Iraqi jammer on 7215. (522 12/14 Wood-S. Arabia)

9022 1930

VOIRI: EE: nx, speech by Khomeini, cmty, lcl mx(212 11/29 Cadorette-
MA)(343 1/6 Cleveley-NY)(232 12/22 Moman-ALB) also at 1430 in EE(443
12/11 Muzyka-NY) at 0040 in Farsi (333 12/11 Prath-FL)

I R A Q

R. Baghdad

3767.5 2105

RB: Farsi: attack on "regime Khomeini" (433 12/17 Wood-S. Arabia)

9610 2130

RB: EE: nx, cmty, "Letterbox" pgm, lcl vocal mx(322 12/23 Soomre-MA)
(Dillon-PA)(343 1/5 Cleveley-NY) at 2150 in GG: AA mx, OM w/ann.(444
12/19 Robertsom-WA)

11814.7 0600

RB HS: Sawt ul Jamaheer: AA: time signal, ID // 9505, 17720(544 12/6
Wood-S. Arabia)

17719.7 1800

Sawt ul Jamaheer: AA ID, clock chimes, AA mx(444 12/3 Wood-S. Arabia)

I S R A E L

Kol Israel

7410 0019

KI: EE: "Spectrum" pgm, rpt on credit crunch in Israel, skcd, s/off at
0029 (453 1/3 Bingham-MA) at 0200 in EE: nx, "Spectrum" // 9815, 11615
(323 12/27 Gray-MI)

9009 2000

KI: EE: nx, cmty, "Spectrum" (555 1/6 Cleveley-NY)

9440 2010

KI: EE: YL w/pgm on concentration camp experience, cmty, "TGIF" pgm
(333 12/30 Duncan NC)(343 12/22 Moman-ALB)

9815 2000

KI: EE: nx, Sports Sunday, DX Pgm, tlk on American pilots, tlk of Jews
living in Spain after Inquisition.(454 12/18 Fraser-MA)(454 12/10
Bingham-MA)(444 12/23 Johnson-IL) at 2230 in EE: nx, mx (333 12/23
Stanley-AZ)(232 1/6 Weikel-MI) at 0000: EE:(444 12/20 Dillon-PA) and
at 0507 in EE (555 12/5 Karns-OK)

11585 1800

KI: EE: nx, wx, skcd, into FF at 1815(545 12/11 Henault-MA)(252 12/28
Bingham-MA)

11587 2053

Reshet Bet HS: HH?: singing, time pips, nx by YL. //9890 & 13720 not
hrd. (343 12/22 Moman-ALB)

11655 *0100

KI: EE: nx, interviews, discussion on negotiating w/terrorists.(454
12/22 Bradley-FL)(555 12/15 Krist-VA) at 0200 in EE: Listeners Letters,
"DX Corner" (444 12/12 Muzyka-NY)

15105 *1630

KI: RR: IS, ID, nx then jammed (222 12/23 Zilmer-NM)

15615 1450

KI: HH?: pop vocals, OM w/nx & TC into more mx(353 12/10 Thompson-CA)

Not enough room to start Japan so I'll take this opportunity to express my gratitude to
to everyone who has contributed to the column, and especially to those who have sent along
words of congratulations and encouragement. They are greatly appreciated.

J A P A N

R. Japan; Far East Network; Nihon SW Best
 3910 0709 FEN: EE: "American Top Forty" mx w/OM DJ, ID (544 11/26 Marumo-JP)
 3925 1800 NSB: JJ: ID, TC (333 11/25 Wood-S.A.)(Marumo-JP)
 6055 0816 NSB: JJ: tlk show w/OM & YL, musical ad.(444 12/30 MacGibbon-OR)
 9505 1705 RJ: EE: nx, tlks on nuclear tests and American determination to protect Olympic athletes.(444 12/17 Delk-CA)(444 1/7 Traver-CA) at *1100 in EE: nx, "Current Affairs" pgm.(444 12/19 Cox-CA) at 1500: EE: nx, mx(343 12/23 Karns-OK)
 9595 1750 NSB: JJ: rock mx, IDs as "Radio Tanpa" (342 12/31 Moore-TX)
 9675 1700 RJ: EE: OM w/nx, "Commentary" pgm,"Japan Scene"(333 12/18 Stanley-AZ)
 9760 0618 NSB: JJ: YL w/ continuous tlk, in & out w/RCI (good 12/22 Ulmer-LA)
 11705 1755 RJ: EE/GG: IS, EE ID into GG nx (444 12/17 Wood-S. Arabia)
 15195 0130 RJ: EE: wld nx, "Current Affairs", "Let's Practice Japanese" pgm (333 12/14 Stanley-AZ)
 15235 *2300 RJ: EE: nx, apts, cmty on stability in Asia.(333 12/28 Krist-VA)(444 12/5 Card-RI) at 2205 in JJ (pr-fr 12/28 Famularo-NJ)
 15300 2123 RJ: EE: OM w/nx to 2150*(444 12/11 Talbot-ALB) at 0655 w/EE nx, //17785, 17810, & 15235.(333 12/1 Wood-S. Arabia)
 17755 2215 RJ: EE: Asian nx & cmty, mx, tlk on new digital TV's.(454 12/4 Card-RI) (444 12/12 Stanley-AZ)
 17825 0130 RJ: EE: wld nx, cmty, JJ mx, "Science and Industry Journal" pgm(444 12/16 Stanley-AZ)

J O R D A N

R. Amman
 9530 0825 RA:AA: mostly inactive here, but hrd briefly w/AA mx till xmtr break-down; back on at 0830 w/open carrier till 1600.(444 12/15 Wood-S.A.)
 11919 0830 RA: AA: now here from former 11923,8; AA ID "Huna Amman, Idhaat ul Mamlatat al Hashemiyat al Urduniya"; qur'an, nx at 1000; is on all day. (544 12/15 Wood-S. Arabia)

K O R E A (North)

R. Pyongyang
 4272 1028 Kangnye: KK: YL w/tlk, CW QRM. (Was an ID hrd? If not then tent. RBT) (232 12/3 Robertson-WA)
 6576 1800 RP: GG: ID, nx; fairly new lang. from this station(434 12/2 Wood-S.A.)
 9360 2113 RP: EE: f/in at 2105, YL ann.; marching mx, chorus mx, ID by YL at 2128 (141 to 343 12/7 Moman-ALB)
 9625 1800 RP: KK: s/on w/ID, nx; //9977, 11880 (544 12/2 Wood-S. Arabia)
 9745 *1100 RP: EE: nx, mx, prop., cmty on social and economic progress.(434 12/26 Cox-CA)(354 12/10 Card-RI)(434 1/4 Clevely-NY)
 9977 1233 RP: EE: Letterbox pgm, usual denouncing of US imperialism, tlk about S. Korea.(343 12/23 Soomre-MA)
 15230 2310 RP: EE: YL tlk denying connection to Rangoon bombing; praise of Kim Il Sung; tlk on agric. co-ops.(gd 12/16 Famularo-NJ)(12/19 Fisher-NM)

K O R E A (South)

R. Korea
 7550 1640 RK: EE: YL w/"Let's Learn Korean", ID (433 12/8 Talbot-ALB)
 11810 0200 RK: EE: ID, nx, cmty, mx, Korea 1983; //15575 (343 12/31 Zilmer-NM) (333 12/7 Karns-OK)
 11815 2320 RK: EE: OM w/nx & ID, YL/cmty on war in Lebanon(434 12/21 Henault-MA)
 15575 0200 RK: EE: wld nx, cmty, mx, "Spotlight on Korea"(333 12/16 Stanley-AZ) (434 1/5 Clevely-NY)

K U W A I T

R. Kuwait
 9880 1700 RK: AA: nx of explosions, // 6055, 9840, 11990, 15495 (555 12/14 Wood-SA)
 11675 1803 RK: EE: pop mx, nx of Israeli bombing raid.(252 1/4 Bingham-MA)
 15495 1506 RK: AA: AA vocals, OM w/tlk (453 12/10 Thompson-CA)
 23955 1250 RK: AA: ID, nx; could be harmonic but cannot determine fundamental; almost as good as // 23980H (2x11990) (353 12/16 Wood-S. Arabia)

L A O S

National Radio of Laos
 4659v 1229 NR-Houa Phan: Lao Soung: mx, tlk by YL (333 12/14 Nishimura-JP)
 5660 1059 NR-Xieng Khouang: Lao & Lao Soung: YL tlk, mx pgm(232 12/20 Nishimura-JP)
 6588 1213 NR-Pakse: Lao: to 1229 relay from Vientien, OM tlk; from 1230 local pgm of mx w/YL.(242 12/15 Nishimura-JP)

L E B A N O N

V. of Lebanon
 6550 *0406 VL: AA: R. Kwai IS-first 8 notes on piano then full verse, NA, ads, ID, nx, pgm of EZL mx, YL w/tlks(353 12/27 Stephany-NY)(12/17 Famularo-NJ) at 1515 in AA: ad for "Uniware", FF ads, AA nx (444 12/14 Wood-S.A.)
 11730 1900 VL: EE/AA: EE nx summ., end EE to Africa, ID as "National pgm in EE of R. Lebanon"; into AA(444 12/14 Wood-S. Arabia)

A quote I came across:"An editor is someone who separates the wheat from the chaff and keeps the chaff." I hope this doesn't pertain to me-hi!

M A L A Y S I A R. Malaysia
4845 1532 RM-Kuala Lumpur: Tamil: Tamil movie mx w/OM ann.; less QRN after 1541. (pr-fr 12/31 Sharpe-CA)
5965 1503 RM-Kuala Lumpur: Bahasa Malay: sub-cont. mx, OM w/ann., more mx(vocals don't seem to fit mx at all-strange) (444 12/23 Thompson-CA)
15295 1800 Voice of Malaysia: Malay: ID, nx (444 12/9 Wood-S. Arabia)

N E P A L R. Nepal
5005 *1147 RN: Nepalese: s/on w/ IS of weird mix of instruments; ID "Yo Radio Nepal Ho" by OM ann; native mx pgm, nx or tlk at 1155 back to more mx. Surprised to nail this on first try. (Some people have all the luck!)RBT (312 12/18 Stephany-NY)

O M A N R. Oman; BBC Relay
9605 *1329 BBC: Urdu: EE ID at s/on, YL w/nx in Urdu(tnx to tip from Bob Bodell in SPEEDXGRAM-I've slowly been increasing my C/H count since taking over the A/O column.(322 1/11 RBT-PA)
11890 0830 RO: EE: "Roundabout" request show, Christmas mx; // 9735(544 12/15 Wood)

P A K I S T A N R. Pakistan
9424 1300 RP: AA: ID, nx (444 12/2 Wood-S.A.)
9544.5 0830 RP: Urdu: ID, Qur'an, lt. Pak. mx; s/off at 1000(444 12/15 Wood-S.A.)
9863.6 1630 RP: Turkish: Qur'an, nx; // 13606.8(444 12/2 Wood-S.A.)
15505 0240 RP: EE: YL & OM w/slow tlk (555 11/27 Marumo-JP)
21782.2 1000 RP: EE/Burmese: EE ID into Burmese, Qur'an; //17640(544 12/1 Wood-S.A.)

P H I L I P P I N E S R. Veritas; FEBC; VOA Relay
9670 1400 R. Veritas: Tamil: ID, S. Indian mx, rel. pgm (444 12/14 Wood-S.A.)
11760 2310 VOA: EE: Good Morning pgm to Asia (322 12/10 Prath-FL)
15450 2338 FEBC: EE: OM w/wld nx; ID as "FEBC Radio Intl" (333 11/24 Moman-ALB)
17735 0125 VOA: EE: nx, sports (252 12/27 Zilmer-NM)
21515 0330 FEBC: EE: ID; "The Sound Alternative"; nx by OM(353 12/10 Shimada-JP)

Q A T A R Qatar Bcst. Svc.
9905 0349 QBS: AA: YL w/tlk-ment. of Arabiyah, mx and ann. ID by YL at 0400(333 12/13 Jones-TX)

S A R A W A K (Eastern Malaysia) R. Malaysia
In the future I'll put Sarawak with Malaysia. The logs were missorted this month. RBT
4835 1430 RM-Kuching: Malay: TC, ID by YL, nx by OM, rel. tlk into keronchong mx.(fr 1/5 Sharpe-CA)
4950 1430 RM-Kuching: EE: national nx, pop mx, soap opera.(fr 12/31 Sharpe-CA)

S A U D I A R A B I A BSKSA
5875 1700 BSKSA: AA: ID as "Qur'an Service from Makkah"; tlk by OM(544 12/14 Wood-S.A.) also at 2001 (353 12/13 Shimada-JP)
9885 2233 BSKSA: AA: OM w/tlk. HS relay // 9720 (444 12/30 Robertson-WA)
11850 1812 BSKSA: EE: discussion of "Abbey Road" (312 12/31 McKeon-IN)
15060 1330 BSKSA: AA: tlk pgm w/2 yls, AA mx.(443 12/10 Prath-FL)
15245 1600 BSKSA: Swahili: ID, Qur'an, nx // 11910 (555 11/30 Wood-S.A.)

S I N G A P O R E BBC Relay
7180 1525 BBC: Hindi/Urdu; Hindi nx; Urdu nx to Pakistan at 1530(434 12/14 Wood)
9740 1500 BBC: EE: "Radio Newsreel" read by OM; good signal but soon faded.(454 12/18 Fraser-MA)
17710 0000 BBC: EE: wld nx, "Radio Newsreel" (242 12/22 Zilmer-NM)

S R I L A N K A SLBC
9720 1340 SLBC: EE: rel. pgm till 1345; ID & freq by OM; Xmas mx(Wish I could get this good of signal when AWR is on)(333 12/20 Hosmer-MI)

T A I W A N Central Bcst System
6180 1810 CBS: CC: cmty, ID; some jamming & BBC QRM (433 12/14 Wood-S.A.)

T H A I L A N D R. Thailand
6070 1535 RT: Thai: OM w/mx pgm; YL w/tlk (322 1/2 Nishimura-JP)
9650 1232 RT: EE/Cambodian/Malay: EE ID, list of freq; pgm in Cambodian poss. nx followed by interesting Asian songs; another EE ID into Malay pgm (232 12/17 D'Angelo-PA)

I have one complaint about many of the loggings I receive: If you hear an ID given, please say so on your report. This is especially important for non-EE broadcasts. If an ID is not heard, list your logging as tentative. I'm sure you want to keep SPEEDX as reliable a source of DX news as much as I do. Thanks, RBT

TURKEY

V. of Turkey
 9515 2213 VOT: EE: review of last week's events; YLs play an active part in every line of life in Turkey.(454 12/12 Bingham-MA)
 9560 2200 VOT: EE: cmt; on Cyprus; Turkish history; YL w/purported history of Armenia-very biased; pgm on real St. Nicholas.(333 12/3 Dillon-PA)(343 12/17 D'Angelo PA)(444 1/1 Palmer-WA)(454 12/24 Fraser-MA)
 *0300 VOT: EE: Review of Turkish press; pgm on Turkish economy; cmt; on Cyprus.(555 12/17 Krist-VA)(344 12/23 Hosmer-MI)(12/28 Gray-MI)
 9660 1850 VOT: Turkish: OM reading Turk. folk tale w/short uptakes of Turk. mx every 2-3 min.(333 12/6 Palmer-WA)
 15220 1350 VOT: Turk.: Genl. svc pgm w/AA mx (444 12/10 Prath-FL)

USSR (Asian)

4485 0545 Petropavlovsk-Kazakh: RR: comedy pgm w/audience laughter; songs with audience singing along.(333 1/8 Traver-CA)
 4610 0910 Khabarovsk: RR: jovial accordian mx w/YL vocalist; ID at 0930(333 12/25 Nowicki-CA)
 4785 2133 Azerbaijani SSR-R. Baku: RR: 1st or 2nd pgm; RR folk mx w/IDs "Govorit Baku"; off at 2159. (322 12/4 Soomer-MA)
 4940 2253 Yakutsk Regional: RR: 2 OMs and a YL w/1cl pgm. Began Moscow relay at 2300. // 4920. 4940 running 100KW.(232 12/6 Palmer-WA)
 5985 *1200 Uzbek SSR-R. Tashkent: EE: nx, cmt; of East-West relations; item on nuclear weapons. (252 12/25 Krist-VA)
 9600 *1200 Uzbek SSR-R. Tashkent: EE: ID "EE lang. svc of R. Tashkent"; nx, cmt; highlights of speech by Sov. Def. Minister; mx(322 12/15 Blanchette-FL)(333 12/10 McKeon-IN)(353 12/17 D'Angelo-PA)

UNITED ARAB EMIRATES

R. Dubai
 9595 0330 RD: EE: nx, ID at 0335; QRM de 9590 & 9600.(222 12/18 McKeon-IN)
 11730 0330 RD: EE: Mid-East nx, cmt; on US alliance with Israel.(gd 12/15 Famularo-NJ)(344 12/13 McKeon-IN)
 15435 0530 RD: EE: Letterbox; // 17830 & 21700 (545 12/4 Wood-S. Arabia)

VIETNAM

V. of Vietnam and various regionals
 6331 1253 Son La-Tay Nung: VV: tlks; radio drama.(232 12/21 Nishimura-JF)
 6453v 1513 VOV-Hanoi: VV: YL w/tlk to 1528* (343 1/2 Nishimura-JF)
 6509 *1145 Lang Son: VV: YL w/tlk, mx pgm; Ute QRM(232 1/1 Nishimura-JF)
 6522v *1157 Cao Bang: Meo & Muong(from 1215): mx pgm (333 12/27 Nishimura-JF)
 10040 1805 VOV: EE: nx, cmt; wished everyone a Merry Christmas and played carols and Jingle Bells! (553 12/24 MacGibbon-OR)

YEMEN ARAB REPUBLIC

R. San'a
 4853 *0300 R. San'a: AA: OM w/tlk; ME mx; ID at 0300 & 0330.(444 11/29 Card-RI)(343 12/19 Jones-TX)(343 12/11 D'Angelo-PA)
 9780 0325 R. San'a: AA: AA mx, tlk. Best copy ever.(454 11/29 Card-RI)(434 12/18 McKeon-IN)

YEMEN (People's Dem. Repub.)

DYBS
 6005 0329 DYBS: AA: anthem followed by s/on at 0330, ID; OM w/tlk of Palestine and Yassir Arafat; mx; zonked by BBC at 0355(333 12/26 Drollinger-WI)

***** O C E A N I A *****

ANTARCTICA

Argentine Sector
 15473v LRA-36 R. Nacional Arcangel San Gabriel: SS: tlk, Arg. mx, slogans abt "Malvinas being territorio nacional de Argentina"(253 12/3 Robertson-WA)(sorry: at 2349)

AUSTRALIA

R. Australia
 4920 1300 RA: EE: nx, pop mx, tlks on Grenada and Lebanon(333 12/22 Golab-IL)(12/7 Schulsinger-OH)(1/6 Sampson-WI)(12/31 Drollinger-WI) +3
 5995 1209 RA: EE: Xmas carols; Stock Rpt, nx, pop mx(444 12/25 Robinson-TN)(12/13 May-OH)(12/14 Krist-VA)(1/4 Trent-AK)
 6080 *1227 RA: EE: nx bcst to Asia and New Guinea(232 12/18 D'Angelo-PA)
 9580 1420 RA: EE: Aust. folk mx, nx, Xmas carols(555 12/10 McKeon-IN) +4
 9610 1342 VLW9: EE: mx pgm, race results, rel. mx(344 Kerrigan-IL)
 11720 0710 RA: EE: nx of Chinese Premier in Hawaii;"Australia Tonight"(343 1/8 Traver-CA)(343 12/19 Zilmer-NM)
 11725 1655 RA: EE: nx; "Four Corners" pgm(534 12/2 Wood-SA)(12/18 Stanley-AZ)
 11910 0559 RA: EE: wld nx; DX Club rpt(243 12/18 May-OH)(544 12/18 Klosowski-FL)
 15425 0059 RA VLW15: EE: tlk on cricket match (232 11/24 Moman-ALB)
 17795 0255 RA: EE: contemp, mx; New Year greetings,wld nx(242 12/7 Talbot-ALB)
 21720 1545 RA: EE: pop mx and GG song; New Year greetings.(444 12/26 Weikel-MI)

M A R I A N A I S L A N D S KYOI
 9670 1640 KYOI: EE: ID in EE as "Super rock from Los Angeles"(333 12/26 Weikel-MI and Zilmer-NM)

N E W C A L E D O N I A R. Noumea
 7170 Q705 RN: FF: ID by OM; Jazz and FF pop mx; nx (343 12/17 Delk-CA)(443 1/8 Traver-CA)(343 12/10 Hosmer-MI)

N E W Z E A L A N D R. New Zealand
 15485 1735 RNZ: EE: wx; variety of mx inc: pop, EZL, symphony, & C&W, football scores, nx.(353 12/30 MacGibbon-OR)(12/23 Zilmer-NM)(Stanley-AZ 333)(353 Thompson-CA) at 1905 (444 1/7 Traver-CA) at 0700 (333 12/30 Karna-OK)(353 12/21 Shimada-JP) at 1900: my 1st log of NZ in 15 mo.(Wood-SA)
 17705 0300 RNZ: EE: "Mx for Pleasure" pgm(333 12/13 Stanley-AZ) at 1929 in EE: pop mx(343 1/7 Traver-CA) at 1632 EE: nx, wx, OM w/bird call & ID(333 12/28 Cox-CA)

P A P U A N E W G U I N E A R. East New Britain: PD: US pops by lcl groups in PD, ID(323 12/22 Golab-IL) at 0735 in PD/EE: country type mx; OM w/ann.;ID at 0800 into EE nx (222 12/30 MacGibbon-OR)
 4890 1255 NBC: EE: US rock mx; ID at 1300 and countdown to midnight continued (11 PM New Guinea time)(333 12/31 Drollinger-WI) at 1304: "Sat. night Classics" pgm w/ 50's and Xmas mx; evening meditations by OM; ID and s/off at 1400(333 12/4 Soomre-MA)(343 12/8 Kerrigan-IL)

S O C I E T Y I S L A N D S R. Tahiti
 11825 0615 RT: FF: live show of Tahitian mx-fascinating!(544 12/6 Wood-S.A.) at 0246, 0310, & 0700 in FF w/ island mx and phone-ins(433 Talbot--ALB) (444 Stanley-AZ)(333 Delk-CA) at 0524 in TT: island mx(443 Thompson-CA)

S O L O M O N I S L A N D S SIBC
 9545 0712 SIBC: EE: songs from "The John Lenno Story"; ads; pop mx by Polynesian groups: ID and nx(fr 12/31 Sharpe-CA)(322 1/1 Evans-TN)

UNIDENTIFIED ASIANS

3150 1500 Presumed N. Korean: KK: sounde like what I used to hear on 11350-solemn mx by large groups w/YL tlk in between songs(good 12/31 Sharpe-CA)
 6348 0951 Unid: seeming Asian, YL/OM w/tlk; hrd anywhere from 0700-1100; never hear ID(222 12/30 Robertson-WA) This is possibly R. Echo of Hope in S. Korea. Acc. to WRTH this station's bests consist mainly of old KK pop songs to Koreans in Japan & N. Korea. RBT

Thanks to Bob Wilczek, I have a current list of active stations in Laos to pass on. The list was obtained by Bob from Lao National Radio. I have omitted the MW outlets:

<u>Khz</u>	<u>kw</u>	<u>Station</u>	<u>Time (GMT)</u>
4285	1	Viengxay	1000-1115
4653	1	Houaphanh	2300-0100, 0330-0530, 1000-1155, 1255-1425
5600	1	Kiangkhouang	2300-0100, 0400-0600, 1000-1400
6130	1	Vientiane	2200-0230, 0400-0700, 0900-1600
6587	1	Pakse	2300-0200, 0400-0600, 1000-1400
6858	1	Oudomxay	2300-0100, 1100-1300
6997	1	Luang Prabang	2300-0200, 0400-0600, 1000-1400
6700	1	Kiangkhouang	2300-0100, 0400-0600, 1000-1400
7145	10	Vientiane	2200-0230, 0400-0700, 0900-1600
7385	3	Savannakhet	2230-0100, 0430-0600, 1100-1400

***** W B I N E W S *****

In a bcast on 12 Dec. 83, R. Australia reported that Papua New Guinea's Nat. Bcast. Comm. had announced drastic cutbacks in it's radio bests from 1 Jan. 84. The non-commercial National Svc would close for four hrs. in the afternoon and would s/off one hour earlier in the evening at 1300. NBC's 19 provincial stations would cut their transmissions to only five hours a day. Budget cuts were given as the reason. (Doesn't sound good at all- we'll have to wait and see how this affects reception in the States. RBT)

Well, I was able to fill all 6 pages with no trouble. Hopefully I can keep this allotment for a few more months. A few words about myself: I am 33 yrs. old and have been listen- to SW on and off for 16 yrs.(I have a few QSLs from 1968). My radios are a Drake SSR-1 and a Hammurland HQ-200 and I'm planning on upgrading to an Icom R-70 later this year. I work as a radio dispatcher for the local police dept. as well as the fire and ambulance companies. If you're ever in the area, listen for me on 46.14 or 155.73 Mhz-hi! I am married to a sometimes understanding wife, Denise and have two dogs: a black mutt named Tuffy and my constant companion Golden Retriever, Grif. Out of room-thanks to all.

73's
Bob

QSL REPORT

EDITOR:

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ANNEE MONDIALE DES
COMMUNICATIONS
WORLD COMMUNICATIONS
YEAR
AÑO MUNDIAL DE LAS
COMUNICACIONES



VIA AEREA

Greetings! I hope that the winter weather has not gotten to anyone yet. It has been very cold here, and there is snow on the ground, which in NY means lots of problems. Well on to the material...

***** AFRICA *****

CANARY ISLANDS-REE relay-15365, f/d painting card in 49d (Soomre-MA).

EGYPT-R. Cairo-9475, f/d Luxor Karnak card in 90d (Stephany-NY).

GABON-Swiss Radio Intl Relay-11715, f/d card in 19d for report on test transmission to S. America. (Schulsinger-OH). R. Japan-15405, card for test transmission in 80d (Campbell-CT).

LESOTHO-BBC-9515, No data bridge card in 25d for an irc (Hosmer-MI).

LIBERIA-VOA-15580, fireworks card in 13d (Karns-OKIA). ELBC-6090, f/d card in 42d (Barto-CT).

LIBYA-R. Jam-11816, f/d logo card in 63d for 2 irc to Malta Addr (Dillon-PA). Same in 44d for an irc (Hosmer-MI). Same in 30d for 3 irc and US ms to Malta (Talbot-WI). Same in 36d for 2 irc (Brenesal-FL). Some also recd part of the Green Book.

MOROCCO-UNR-15360, F/d site card in 7 days via NY (Stephany-NY).

RWANDA-Radiodiff de la Rep Rwandaise-6055, date/time letter in 35d for an irc (Sato-JP). V/S-Gamaliel Rwigema. DW-7225, 17800, f/d map card in 57d for an irc (Greenbauer-AZ). Same in 70d (Kanopka, NY). Same in 61d (Van Horn-TX).

SENEGAL-ORTS-4890, date/time card in 100d for 2 irc and FF rpt (Stephany-NY). Same in 67d (Welch-MA).

SOUTH AFRICA-R. RSA - Various frequency full data cards in abt 25d from: Ducos-FR, Karns-OK, Talbot-ALTA, Bingham-MA, Nowicki-CA, Cleveley-NY. No return postage is needed.

SWAZILAND-TWR-7295, f/d folder card in 40d for 3 irc (Cleveley-NY).

TANZANIA-R. T.-9750, Date/freq map card in 242d for an irc (Sato-JP). Same in 4 yrs! with a letter for 4 irc (Cleveley-NY).

TUNISIA-RTVT-11745, f/d oasis card in 80d for \$1US and 2 irc (Cleveley-NY).

ZAIRE-La Voix du Zaire-15350, freq only letter in the very fast time of 774 days, after 3 FF rpts, 4 irc, 2 photos, a SWL card and MS. (Wilkins-CO). V/S-Lepamabila Saye, Directeur Technique.

NIGERIA-How 'N' comes after 'Z', I will never know!-FRCN-Kaduna-4770, f/d form letter in 102d for an irc (Dillon-PA). V/S-Yusuf Garba.

Very short Africa section this time. To get those good Africa veries, you have to keep sending those follow up reports, just ask John Wilkins! Some stations respond at random, so you have to keep on them until you become the lucky one! Good luck.

***** EUROPE *****

AUSTRIA-ORF-5945, 9770, 15410, 15560, 11665, Art card in 30d for 2 irc (Adams-MA). Transmitter card in 57d (Bingham-MA). F/d card in 57d (Draye-Saudi Arabia). Art card in 90d (Talbot-ALTA). Same in 68d (Renn-WA). Most also recd stickers.

BELGIUM-BRT-5895, 9880, 11625, 17610, QSL in 45d and one in 38d (Ducos-FR). Card in 44d (Klosowski-FL). p/d letter in 27d (Barto-CT).

BULGARIA-R. Sofia-7115, 9665, 15110, View of Melnik card in 94d (Mahoney-FL). Card in 47d (Welch-MA). QSL and pennant in 75d (Ducos-France).

CZECHOSLOVAKIA-R. Prague-5930, 6055, 7345, Open air museum card in 41d

(Bingham-MA). Slovak Ceremonial Costumes card in 61d (Mahoney-FL). Same in 65d for SS rpt (Mendez-NJ).

FRANCE-R. FRANCE INTL-17620, 15315, 6140, 21620, f/d card in 48d along with a NEW red, white, and blue logo pennant (Campbell-CT). Same in 45d (Welch-MA). Same in 48d for FF rpt (Klosowski-FL). QSL and pennant in 24d (FR-Ducos). Same in 40d (Mendez-NJ).

GERMAN DEMOCRATIC REPUBLIC-RBI-7185, 9560, 9565, 3 cards in 36d (Ducos-FR). 15 yrs of RBI DX club card in 80d along with goodies (Mendez-NJ). Olympic skater card in 25d along with a calender (Kapinos-MA).

GERMAN FEDERAL REPUBLIC-DW-various freq f/d map cards in an average of 55d from:Dillon-PA, Shimada-JP, Talbot-WI, Hitsman-IA, Gibson-CA, Jones-VA, Mendez-NJ. R. Free Europe-5970, freq only map card in 7d for ma (Hosmer-MI). Sudfunk-6030, f/d station card in 67d along with sked and sticker for an irc (Soomre-MA). Senden Freies Berlin-6190, f/d building card in 23d for an irc along with a sked and a sticker (Soomre-MA). R. Bremen-6190, graphic antenna card in 76d for an irc (Mahoney-FL).

GREECE-V of Greece-9865, f/d card in 51d (Barto-CT).

HUNGARY-R. Budapest-9835, card in 93d (Ducos-France). Same in 30d (Cleveland-NY).
ITALY-RAI-11905, 9575, 2 cards in 252days (Ducos-FR). Painting card in 144d (Talbot-ATA).

LUXEMBOURG-R. Lux-6090, Staff card in 75d (Bledsoe-FL). date/freq same card in 18d for 2 irc (Draye-Saudi Arabia).

MALTA-DW-6085, 9545, 9590, f/d map cards in abt 55d (Kanopka-NY, Dillon-PA, Parks-FL, Klosowski-FL, Hosmer-MI).

MONACO-TWR-7230, QSL and pennant in 76d (Ducos-France).

NETHERLANDS-R. Netherlands-9590, 11740, f/d card in 17d (Karns-OK). Drawbridge card in 35d (Abbott-ILL).

NORWAY-R. Norway-9590, QSL in 47d (Ducos-FR).

POLAND-R. Polonia-9540, 9525, 11815, 2 QSLs in 105d (Ducos-FR). card in 50d for DX club rpt (Card-RI). Park card in 89d with post cards and DX club info (Talbot-ATA). Same in 84d (Renn-WA).

PORTUGAL-R. Renascenca-11730, 11735, time/freq logo card in 64d for an irc, (Moore-TX). Same in 73d for 2 irc (Welch-MA). R. Portugal-museum card with f/d in 30d (Lutsky-QUE). Antique desk card in 30d for PP rpt (Mendez-NJ). QSL in 27days (Ducos-FR). Freqs were 6025, 9525, 6060. AWR-9670, QSL in 32d (Ducos-FR). DW-Sines-11865, f/d map card in 70d (Kanopka-NY).

ROMANIA-R. Bucharest-11810, 11940, f/d Prince Dragos card in 32d (Barto-CT). University Square card in 85d (Mahoney-FL). Piatra Neamt card in 95d(NY). (Dillon-PA). Fountain Scene card in 77d (Renn-WA). Card in 35d (Cleveland-NY).

SPAIN-REE-f/d cards:in 45d (Ducos-FR). in 49d (Talbot-ALTA). In 40d for 2 irc (Adams-MA). In 50d for SS rpt (Sable-NY). Same in 61d for SS rpt (Mendez-NJ). 9630, 11880, 9570 were the freqs.

SWEDEN-RSI-11705, f/d 35yrs of DX pgm card in 60d (Mendez-NJ). This card arrived 30¢ postage due. In theory international mail can not arrive postage due, because mail can not leave a country without being paid for. But try telling this to your mailperson and he or she will walk away with your QSL.

SWITZERLAND-U.N.R.-14500 USB, f/d card in 17d (Soomre-MA). This is a feeder, and I should not have printed it, next time it goes to the UTE column. Swiss Radio Intl-f/d card in 20d for an irc (Draye-Saudi Arabia). ICRC Radio-21630, f/d card in 30d for 2 irc (Draye-Saudi Arabia).

VATICAN-R. Vatican-6250, f/d card in 96d (Ducos-FR).

WEST BERLIN-RIAS-6005, date/freq card in 16d for 2 irc (Hosmer-MI).

That's it for Europe, running lite on reports, so might as well start USSR.

***** USSR *****

R. Kiev-11880, QSL in 92d (Ducos-FR). Sports parade card in ??d for rpt on 17860 khz reception (Renn-WA). 11820, f/d card in 46d (Welch-MA). R. Yerevan-f/d card and letter in 156d (Golab-IL). V/S-Khachadour Hovhannissian. Freq was 17900.

R. Vilnius-17900, f/d folder card in 82d (Dillon-PA). V/S-J.Lukosevicius. Clock tower card in 73d (Bingham-MA). Card in 120d (Same Rptr). Plain

white card in 77d (Renn-WA).

R. Tallinn-5925, QSL and pennant in 72d (Ducos-FR).

R. Moscow-11770 via Alma Ata, 17765 via Omsk, 15465 via Lvov (Ducos-FR).

No site-9600 (Talbot-ATA). 15100 via Khabarovsk, 11750 via Lvov, 15150 via Minsk (Bledsoe-FL). 7180 via Sverdlovsk, 7100 via Armavir (Greenbauer-AZ). 21565 via Petropavlovsk-Kamchatsky, 9765 via Lvov, 15485 via Simferopol (Welch-MA). 17700, 15420, 21560 via Petropavlovsk-Kamchatsky, 17760 via Khabarovsk, 9610 via Tula, 11830 via Moscow, 21590, 15280 via Serpukhov, 15460 via Lvov, 15490 via Tula, 15540 via Ashkhabad, 15150 via Minsk, 15480 via Simferopol. (Soomre-MA).

All cards were recd in abt 50 days for no return postage.

***** ASIA *****

AFGHANISTAN-R. Afghanistan-15077, map card in 117d (Ducos-France). Same in 3 months for 2 irc (Cleveley-NY). 2 cards in 2 months for 4 irc (Campbell-CT).

BURMA-BBS-5985, f/d logo card in 152d for 3 irc (Kosugida-Japan).

CHINA-R. Beijing-11860, 11650, f/d cards and pennant in 20d (Bingham-MA). Great wall card in 23d (Caceres-NY). Same with sticker in 17d (Gibson-CA). Logo card, stickers and tie pin in 25d (Welch-MA).

CYPRUS-BBC-n/d bridge card in 47d for an irc (Greenbauer-AZ).

INDIA-AIR-9912, Card in 42d (Ducos-FR). Painting card in 35d (Draye-S.A.).

INDONESIA-RII Dili-3305 date/freq map form letter in 52d for Indo/EE rpt and an irc (Wilczek-IL). V/S-Paul J. Amalo Ba, manager and Harry A. Silalahi, Head program. p/d card in 121ds for IN rpt on 1976 reception on 3120 (Barto-CT). Call sign is YDVI and the freqs listed are 2500 khz (.3Kw), 3125 khz (10 Kw), 3305 Khz (10 Kw), 3985 Khz (1 Kw). RRI Banjarmasin-3250, f/d card in 21d along with a personal note, via registered mail for II/EE rpt, and an irc (Wilczek-IL). V/S=Mujammad Fachriansjah.

IRAN-IRIB-9022, f/d card in 78d (Ducos-FR). War is ugly card in 2 months (Cleveley-NY).

ISRAEL-Kol Israel-various frequencies cards in: 30d for 2 irc (Adams-MA). 32d (May-OH). In 25d (Cleveley-NY). 51d (Gibson-CA). 50d (Mendez-NJ). in 41d (Welch-MA). Several people have wrote to me telling that they have written to KI many times, but have not gotten QSLs. This is strange, as KI is usually a very reliable verifier. I can only say to keep trying and check your reports to make sure that you have not forgotten anything. Found another one-QSL in 60d (Ducos-FR). Voice of Peace-6240, QSL letter in 31d (Ducos-France).

JAPAN-R. Japan-9695, Buddah card in 30d (Cleveley-NY). 21610, 3 cards in 15d (Ducos-FR). 15300, card in 30d for 2 irc (Adams-MA). Hanging flowers card in ??d (Gammie-MI). Card in 34d (Mahoney-FL).

KUWAIT-R. Kuwait-11675, f/d folder card in 34d (Renn-WA).

LEBANON-King of Hope-6215, f/d logo card in 11d along with sticker, and brochures for ms (Stephany-NY).

MONGOLIA-R. Ulan Bator-7230,12070, QSL and stamps in 37d (Ducos-FR). Same in 21d (Yoneda-Japan).

OMAN-R. Oman-9510, f/d folder card in 37d for EE rpt (Barto-CT). V/S-Mr. M. Said

PHILIPPINES-VOA-7205, f/d independence day card in 23d (Draye-S.A.). The VOA has their new cards out now, so if you want one, now is the time.

QATAR-Q.B.S.-17910, large logo card in 120d for 2 irc and also recd a sticker (Van Horn-TX). V/S-Jassem Mohd. Al-Qattan. Same in 86d for 3 irc and EE rpt (Woloch-??).

SINGAPORE-R. Singapore-5052, skyline card in 25d for \$1US and 3 irc (Cleveley-NY).

SOUTH KOREA-R. Korea-9750, 15575, costume card in 56d with goodie pack (Van Horn-TX). Lady playing wind instrument card in 59d along with a pennant, calendar, and other stuff (Abbott-IL).

SRI LANKA-VOA-15395, f/d card in 94d (Ducos-France). SLBC-9720, f/d broadcast station card in 45d (Abbott-ILL). (Alta).

TAIWAN-VOFC-17800, f/d four gentlemen card in 49d with goodie pack (Talbot-

THAILAND-R. Thailand-9650, date/freq mask card in 67d for one irc and JJ rpt(Yoneda-Japan).

TURKEY-VOICE OF TURKEY-11755, f/d ruins card and pennant in 40d (Cleveland-NY). Turkish State Meteorological Service-6900, date/freq form letter and tourist info in 21d for an irc (Wilczek-IL). V/S-M. Cemil Ozgul, Director-General.

UNITED ARAB EMIRATES-UAE Radio-21695, 21655 f/d card in 39d (Barto-CT). V/s-K.F. Fenner, C.E.

VIETNAM-V. of Vietnam-15012, 10040, f/d map card in 155d (Fisher-NM). After a f/up recd a magazine, but no QSL (Brenesal-FL). Folder card in 152d for an irc(Moore-TX). Same in 150d for 3 irc (Cleveland-NY). Same in 116d for 2 irc (Thim-CT). Also recd a pennant.

YEMEN ARAB REPUBLIC-R. Sanaa-9780, f/d letter and stamps in 4yrs for AA taped rpt (Kana-GA).

***** OCEANIA *****

AUSTRALIA-R. Australia-9580 via Shepparton Koala bears card in 26d (MA-Bingham). Penguins card in 18d for an irc (Welch-MA). 6080 via same-f/d Swans card in 40d (Trent-AK). 9770 via same, Swans card in 30d for an irc (Jones-VA). VLW6-Wanneroc-6140, map card in 26d for 2 irc (Talbot-WI).VLW9-9610, F/d map card in 23d for an irc (Welch-MA). VL16-Sydney-6090, f/d ABC card in 36d (Talbot-ALTA). VLR6-Lyndhurst-R. Australia card in 56d for an irc V/S-Peter Baum (Soomre-MA).

COOK ISLANDS-CIBS-11760, f/d card in 18d for 3 irc (Brenesal-FL).

MARIANA ISLANDS-SAIPAN-KYOI-11900, 9670, f/d bird card in 36d for ms (Van Horn-TX). Same in 32d (May-OH). Same in 21d for irc (Kana-GA). Remember that these islands are under US control, so US ms are fine for return postage. Also it only takes 20¢ to mail your letter there from the US. Save your ircs and 40¢ stamps!

PAPUA NEW GUINEA-R. Madang-3260, f/d letter in 92d for 2 irc (Mahoney-FL).

SOLOMON ISLANDS-SIBC-9545, card and letter in 165d for 2 irc (Card-RI).

VANUATU-R. Vanuatu-7260, f/d card in 90d for 2 irc (Kana-GA).

***** NORTH AND CENTRAL AMERICA AND THE CARIBBEAN *****

ALASKA-KNLS-9620, 6170, letter in 23 days (Ducos-FR). Same f/d letter in 30d for 20¢ms (Lord-CA). Same for same in 20d (Schulsinger-OH). Same for same in 24d (Wilczek-IL). Same in 41d for an irc (Sato-JAPAN) V/s-Francis M. Perry.

ANTIGUA-DW Relay-6040, 9545, f/d card in 27d (Jones-VA). Same in 61d (Dillon-PA). Same in 67d (Parks-FL). Same in 28d for an irc along with a pennant and sticker (Hosmer-MI). Same in 29d (Drollinger-WI). I recd a note from the DW saying that they would issue f/d cards to reports from:1983, let's see how long they keep this up,though.

BELIZE-R. Belize-d/f map card in 21d for an irc (Moore-TX).

CANADA-CBC Northern Service-6195, no data eskimo card in 28d for ms (Soomre-MA). CFRX-Toronto-6070, f/d CFRB Twin Comanche card in 10d for MS (Talbot-ALTA). RCI-9755, f/d DIY card in 50d (Wilczek-IL). CHNX-Nova Scotia-6130, f/d ocean playground card in 30d for 2 irc (Adams-MA). CKZN-New Foundland-6160, f/d QSL folder card in 26d for ms (Drollinger-WI). CPXC-Montreal6005, f/d card in 136d along with stickers (Talbot-ALTA). Skyline card in 29d along with Montreal Canadians Hockey Sked (Bingham-MA). Card in 36d for ms (Hosmer-MI). The hockey sked is a nice treat, I love the sport of Hockey, and Never miss a NY Ranger game!

COSTA RICA-f/d logo card in 20d for SS rpt and an irc (Dillon-PA). Would be more useful if I told you that it was R. Reloi-4832! p/d logo card in 44d for an irc (Talbot-ALTA). v/s-Francisco Barabona. I remember when it was impossible to get a QSL out of this station, now they are a reliable QSLer. I wish more stations would follow this path.

CUBA-RHC-9895, f/d card in 195d (Ducos-France).Beach card in 167d along with 2 booklets on US action in Grenada (Kapinos-MA).

DOMINICAN REPUBLIC-R. Earth via R. Clarin-11700, f/d cards in about 180d from: (Lord-CA). (Campbell-CT). (Mendez-NJ). for an irc in 20d (Van Horn-TX). For an irc (Shamblin-CA). For an irc (Soomre-MA). For 2 irc (Parks-FL). (Kapinos-MA). For us ms(Wilczek-IL). For ms (Wilkins-CO). Some of these cards were freq only. Also recd were travel brochures.

GUATEMALA-R. Maya de Barillas-3325, f/d card in 187d for 2 irc and SS rpt (Brenesal-FL).

HONDURAS-HRVC-4820, card and pennant in 49d (Ducos France). Postcard in 40d for an irc (Brewer-ARK). Date only card in 24d for 2 irc along with a blue pennant (Stephany-NY).

MEXICO-XEQM-6105, freq only Chichen Itza card and letter in 3½yrs for ms and SS rpt. V/S-Roberto Dominguez Avila. (Huffaker-MX).

MONTERRAT-DW relay-9545, 11705, f/d map card in 28d for an irc along with a pennant and a sticker (Hosmer-MI). Same in 28d for SAE (Welch-MA).

NETHERLANDS ANTILLES-BONAIRE-TWR-9535, Antenna card in 36d along with a calander (Bingham-MA). Card in 29d (Karns-OK). R. Netherlands-6165, 9590, card in 22d (Dillon-PA). Flevo TX site card in 42d (Kapinos-MA).

NICARAGUA-LV de Nicaragua-5950, f/d letter in 150d along with a pennant and sticker (Kobylski). Same for 2 irc in 112d (Welch-MA). V/s-Rodolfo Garcia.

THE UNITED STATES OF AMERICA-OAS Radio-15160, f/d logo letter and data on the OAS for ms in 120d for SS letter (Van Horn-TX). V/S-Delia C. Levandoski. KGEL-15280, scenes card in 45d for an irc (Mendez-NJ). VOA-DIXON-9505, f/d card in 13d for this re activated site (Hosmer-MI). V/S-Douglas Mills. VOA site collectors go get this one! UN Radio-15120, f/d card in 15d (Karns-OK). R. Earth via WRNO-6185, f/d card in 45d (CT-Campbell). V/S Jeff White. WYFR-9535, f/d card in 34d (McCants-AL). VOPC via WYFR-5985, 4 gentlemen card in 55d along with pennant and other goodies (Soomre-MA). WRNO-6155, 6185, 7355, 9705, date/freq card in 30d for 20øms (Welch-MA). Worlds fair card in 168d for ms (Talbot-ATA). DX club card in 120d (Adams-MA). Same in 93 (May-OH). Same in 48d (Ducos-FR).

***** SOUTH AMERICA *****

ARGENTINA-RAE-15345, 11710, Cards, letters, and pennants in 27d (Welch-MA). in 40d (Cleveland-MA). In 35d for SS rpt (Mahoney-FL). In 35d for 2 irc (Adams-MA). In 34d for an irc (Hosmer-MI). In 26d (Shimada-JP). in 34d (Abbott-ILL).

BRAZIL-R. Sociedade de Feira de Santana--4865, f/d card in 40d for PP rpt Also recd stamps. V/S was Marisa Cafoni who replied in EE, so that should be ok here (Wilczek-IL). R. Alvorada de Paratins, Ltda-4965, postcard verie in 24d for PP rpt and ms (Mahoney-FL). V/S-Raimunda Ribeiro da Silva-Director. Addr:Paratins Amazonas 69150; Trav. Gov. Leopoldo Neves 503. I hope I copied that right. R. Bras-15280, f/d card in 36d (Ducos-FR). Waterfall card in 43d with sticker (Gibson-CA). Card in 40d for 2 irc (Adams-MA). Card in 60d (Cleveland-NY).

ECUADOR-HCJB-Various freq cards in 45day average By: Brewer, Bingham, May, Adams, Moore, Countermarsh, Soomre. HCJB 100 Watt 26020, card in 60d for 2 irc (Hosmer-MI). Same in 48d (Brewer-ARK). This transmitter is an old E.F. Johnson Viking II ham transmitter, into a quad antenna.

PERU-R. Inca del Peru-4762, freq only card in 198d with pennant for SS rpt. V/s-Augusto S. Irei S., director-gerente (Wilczek-IL).

VENEZUELA-Ecos del Torbes-4980, logo/map card in 213d for an irc and ss rpt (Sato-Japan). Same in 65d for SS rpt (Mendez-NJ). R. Lara-4800, f/d postcard in 30d for ss rpt (Hevern-NY).

***** ANTARCTICA *****

LRA 36-RADIO NACIONAL ARCANGEL SAN GABRIEL-15474. DATE/FREQ CARD AND STICKERS in 75d for 2 IRC AND SS RPT (PARKS-FL). CARD SAID NOW USING 11955 KHZ. SAME IN 365D FOR 2 IRC AND SS RPT (KANA-GA). V/S-HECTOR LUIS REPETTO, JEFE.

***** PIRATES AND CLANDESTINES *****

R. Mambi-7076, f/d prepared card in 6d for ms (Stephany-NY). V/S-Teresa H. Perez.

R. Ignacio Agramonte-CID-5105, f/d card for an irc and ss rpt (Moore-TX)

R. Vatan-15555, time/freq card in 78d for 2 irc (Kapinos-MA).

R. Clandestine-4890, f/d form letter in 37d for ms (Wilkins-CO).

Voice of Laryngitis-7415, f/d card in 35d for ms (Smith-TN).

The printing of pirate and clandestine QSLs is done as a courtesy to members and does not mean that this editor, nor SPEEDX support what they do or what they represent in any manner.

***** TIP OF THE MONTH *****

THIS MONTHS TIP BRINGS US BACK TO THE LOCAL TOURIST INFORMATION OFFICE. CONTRIBUTED BY JIM RENN, AND HE SAYS THAT YOU CAN OFTEN GET ITEMS SUCH AS BUTTONS AND PINS, WHICH HE SENDS TO RADIO STATIONS. HE ALSO SAYS THAT HE GETS STICKERS, WHICH HE USUALLY SENDS TO ALL RADIO STATIONS ALONG WITH THE RECEPTION REPORTS. (I AM SURE THAT IF YOU TALK TO, OR WRITE TO, THE TOURIST BOARD IN YOUR STATE, THEY WILL SEND YOU INTERESTING STUFF. IF YOU TELL THEM WHAT IT IS FOR, AND HOW IT MAY ATTRACT VISITORS FROM THESE RADIO STATIONS TO THE REGION, THEY MAY SEND YOU SEVERAL OF EVERYTHING. IT DOES HELP THEM DO THEIR JOB.)

I received several good contributions this month, and this one was selected at random. Please keep the contributions rolling in. And the Radio France pennant, and HCJB calendar (Courtesy Bob Adams) will be on the way to Jim Renn very soon.

Several items to clear up. In the Jan. column; I incorrectly listed a QSL for the Voice of the Sudanese Revolution on 17940 as Sudan. This should have come under clandestine, and even more correctly, under Libya, as they are transmitted from the facilities of the SPLAJBC. Thank you to Mark Koukol, our Africa editor, for this correction.

In December column, under missorts and late arrivals, referral to Radio Transkei under South Africa was meant to be Capital Radio. Charles Hodgson informs me that R. Transkei is a FM only, 3Kw station. Quite a catch if heard in No. America!

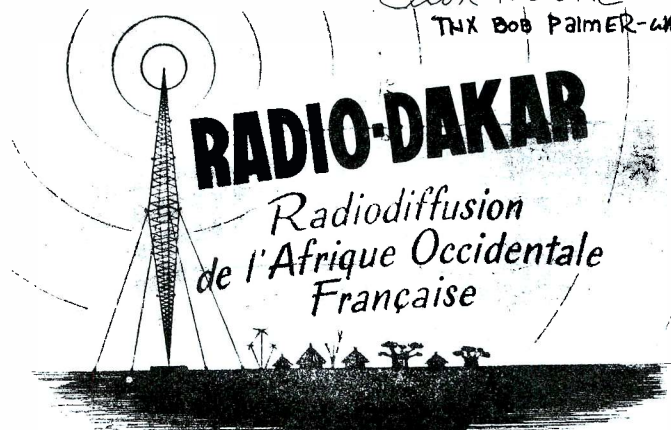
***** PENNANTS *****

Popular opinion is that the readers want this as a separate part of the column. If you can, and want me to continue this way, please make a list of the pennants that you receive for the month. Send it with the QSL reports. They do not have to be cut, just write them on a piece of note paper, with a description. I am making a pennant rpt form up, if anyone is interested. Just drop me a SASE and a dime for copying and one will be on its way to you in no time.

Bob Adams has recd pennants from RAE-Argentina, R. France, Voice of Free China, and R. Beijing this month. Other pennants recd by various reporters are from: R. Sofia, R. France (New pennant), TWR-Monaco, R. Tallinn, R. Beijing, R. Korea, V. of Turkey, V. of Vietnam, Deutsche Welle, HRVC-Honduras, LV de Nicaragua, Voice of Free China, RAE-Argentina, R. Inca del Peru. Stickers from ORF-Austria, Deutsche Welle, R. Beijing, V. of Hope-Lebanon, R. Bras and LRA36.

Well, that about raps it up for this month. I have to get this to the post office, before the snow that started falling a little while ago, keeps me from going. I will fill up the extra space with pictures. So best of luck and 73 (and Stay warm!).

Leon WAEKL
TXN Bob PALMER-44



LSB ↘

Forgot to mention- On Wed. evenings in No. America there is an amateur radio net for the exchange of monitoring info (Mostly UTES, but some SWBC). At 0100 UTC on 7227 or 7268 khz the "No. Am. Monitoring Net". SWL invited to listen in. Any amateurs who would like to contact me can after net. 73

UTILITY SCENE

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

Hello Gang! Lots of loggings, so here we go.....

**** NORTH AMERICA ****
 AK...: 6506.4 U 0214 NOJ- CG Kodiak - WX b/c (JMN-CA)
 8984 U 2145 NOJ- CG Kodiak wkg CG 1454 & 1500 (DEM-ALB)
 BER.: 42709.3 C 1610 VRT- Bermuda MARCO - 9SX mkr (STP-FL)
 16947.6 C 1836 VRT- Bermuda MARCO - V mkr (DB-AR)
 CAN.: 2054 U 0440 Comox CGR. NTS b/c (DEM-ALB)
 2182 U 2140 VCN- Grindstone CGR. no tfc ann-EE/FF (MDL-NE)
 2182 U 0610 VZF- Goose Bay CGR. wkg und vessel (MDL-NE)
 2182 U 0011 VCC- Quebec CGR. EE/FF tfc list (LSD-NJ)
 2598 U 2120 VCP- St. Lawrence CGR. NTS Ice b/c (MDL-NE)
 2598 U 2037 VCO- Sydney CGR. NTS b/c (MDL-NE)
 2598 U 0544 VCM- St. Anthony CGR. Iceberg sightings (MDL-NE)
 3287 C 0330 CKN- CANMIL Vancouver - NAMS b/c (REH-WA)
 6495 C 0338 VAL- Vancouver CGR. V mkr (FHE-NJ)
 6753 U 0220 VXA- CANMIL Edmonton - WX b/c (JDM-MN)
 10051 U var. VFG- Gander VOLMET (NRC-MA) (GLB-FL)
 12874 C var. VCS- Halifax CGR. - V mkr (JHM-NJ) (HDT-WV)
 12876 C 1613 VAL- Vancouver CGR. CQ/QSX mkr (FAC-UK)
 22367.9 C 2148 VAL- Vancouver CGR. - CQ mkr (BLJ-TX)
 4225 C 0424 XFM- Manzanillo MARCO - CQ mkr (BFS-CA)
 4250 C 0428 XFL- Mazatlan MARCO - CQ mkr (BFS-CA)
 6391 C 0710 XFE- Ensenada MARCO - CQ mkr (REH-WA)
 12829.5 C 0715 XFM- Manzanillo MARCO - CQ mkr (HDT-WV)
 2670 U 0013 MNM37- CG Ft. Macon c/g m/v Lively Lady (LSD-NJ)
 2869 U 0424 San Francisco Aero wkg WED762 Creole Jazz (BLJ-TX)
 4143.6 U 0400 KDL- Houston TX wkg Northwest 86 (JCH-MD)
 4273.5 C 0420 KFS- San Francisco MARCO - WX b/c (REH-WA)
 4350 C 0745 WLO- Mobile MARCO - DE mkr (DR-WA)
 4360 U 0545 CSS1 San Diego (USN) wkg USS Long Beach (PTK-TL)
 4363.8 U 0347 WOM- Ft. Lauderdale MARCO wkg und ship (VWH-NY)
 4407 U 0250 WOU- Slideil MARCO - p/p Song Of Norway (NRC-NA)
 4422.5 U 0711 WOO- Ocean Gate MARCO- p/p Olympic Liberty (MDL-ME)
 4428.7 U 0306 NMA- CG Miami - wkg LMKE-medical emergency (LSD-NJ)
 4428.7 U 0400 NNN- CG Portsmouth - WX b/c (VWH-NY)

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DEADLINE:
 12th Day of
 the Month

AM RTTY USB ISB
 LSB CW FAX A3H

COLJMN
 COVERAGE
 0-30 Mhz
 H.F.

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

8989.0 U 1423 GULL 08 p/p McLeod CP via McLellan AFB (???)
 8989 U 2342 JOYCE 90 p/p Metro via McLellan AFB (CC-DE)
 U 1419 HONDA 24 p/p Metro via Loring AFB (JDM-MN)
 8992 L 1945 SAM 12490 wkg Andrews AFB (BW-NE)
 8993 U 1359 MILL 48 wkg MacDill AFB (JDM-MN)
 9006 U 1322 SIERRA 9 CHARLIE c/g ICEPACK & BRAVO 1 COLF (JDM-MN)
 9007 U 1330 SAM 27000 wkg Andrews AFB (RAL-OH)
 9018 U 1542 VENUS 6970 r/cs with Andrews AFB (CC-DE)
 U 1410 LOU HOLE wkg Andrews AFB (LSD-NJ)
 U 1630 AIR FORCE TWO wkg Andrews AFB (RAL-OH)
 U 1634 SIERRA PETE c/g DRAGNET OSCAR (RLR-KS)
 U 1840 ELDRICH, MESSKIT, CARLBEAN wkg each other (ES-MA)
 L var. AIR FORCE ONE wkg Andrews (BLA-PA) (BW-NE)
 11118 U 2243 KILOGRAM wkg IMPRESS (BLA-PA)
 11118 L 0023 SAM 31682 wkg Andrews AFB (BLA-PA)
 11176 U 0138 ECHO VICTOR 991 c/g Diego Tower (JCH-MD)
 11176 U 1138 SAM 31683 wkg Albrook AB (???)
 11176 L 2305 SAM 31663 p/p SAM CONTROL via Andrews (BLA-PA)
 U 2129 RAM ROD 801 p/p EAGLE CONTROL via Loring AFB (CC-DE)
 U 1500 MIKE 2 SIERRA wkg CANWIL Halifax (RLJ-CA)
 11205 U 1612 8 OSCAR TANGO c/g CHARLIE 8 VICTOR (RLJ-CA)
 11217 U 1912 ACQUIRE wkg MacDill AFB (LSD-NJ)
 11228 U 2200 XRAY BRAVO WHISKEY wkg YANKEE BRAVO YANKEE (CC-DE)
 11234 U 1147 LIMA DELTA 08 wkg MacDill AFB (???)
 11246 U 1939 REAL 27 p/p Miami Monitor via MacDill (BLA-PA)
 11246 U 1549 SAM 27000 p/p CROWN via Andrews AFB (RWP-ME)
 11249 L 1712 AIR FORCE ONE wkg Andrews AFB (BLA-PA)
 11396 U 1630 STORK 21 wkg New York Aero (JDM-MN)
 13201 U 0135 SWAN 20 c/g Thule AFB (BFS-CA)
 13215 L var. AIR FORCE ONE/TWO wkg Andrews AFB (LSD-NJ)
 13215 U var. SAM 30500/30502/12490 wkg Andrews AFB (BW-NE)
 13455 U var. AIR FORCE ONE wkg Andrews (RAL-OH) (BW-NE)
 13455 U 1415 SAM 26000 c/g Andrews AFB (BW-NE)
 15015 U 2014 SAM 30500 wkg Albrook AFB (CC-DE)
 15091 U 1750 CO CART 2 wkg RAYMOND 27 (NRC-MA)
 15687 U 1545 AIR FORCE ONE wkg Andrews AFB (RAL-OH)

USA.: 5011 U 1312 MUBA- CGAS Baltimore MD- wkg WUD49/48 (ES-MA)
 5692 U 1929 NOP- CCAS Brooklyn wkg CG 1402 (JGH-MD)
 5692 U 0030 NOYB- CGAS Houston wkg CG 1460 (JCH-MD)
 5692 U 1958 NOH- CCAS Chicago wkg CG 2106 (JCH-MD)
 5696 U 0522 NOY26- CGAS Corpus Christi wkg CG #1 (LSD-NJ)
 5696 U var. NWC- CG San Fran wkg CG 1454/2126(JCH-MD)(HJC-MA)
 5696 U var. NMG- CG New Orleans wkg CG 1479/1477 (MDL)(JCH)
 5696 U 0120 NOQ- CCAS Mobile wkg CG 2102 (JCH-MD)
 5696 U 0049 NCT- CCAS Cape Cod wkg CG 1490 (JGH-MD)
 5696 U 0115 NOT- CCAS Traverse City wkg CG 2131 (JGH-MD)
 6518.8 U 0118 NMA- CG Miami wkg CGG Gape Gull (DEM-ALB)
 6604 U var. WSY70- New York VOLMET (VWH-NY) (NRC-MA)
 8090 C 0150 NAM- USN Norfolk VA - WX b/c (REH-WA)
 8615.5 C 2148 WPD- Tampa MARCO - V mkr into WX (TJY-MD)
 8728.2 U 0300 KMI- San Francisco MARCO- tfc list (JMN-CA)
 8731.3 U 2012 WOM- Ft. Laud. MARCO- wkg m/v Vera Cruz (TF-KY)
 8984 U 0058 NMA- CG Miami wkg CG 1702/1489 (JCH-MD)
 9311.5 U 1700 KOG55- FBI Las Vegas NV cig KJK67 (RLR-KS)
 10780 U 1938 AFE71- Cape Radio wkg MAC 50217 (LSD-NJ)
 11342 U 0112 San Francisco LDOC wkg Quantas 11 (JGH-MD)
 11396 U 1353 KEA5- New York Aero wkg Ryan 109 (STP-FL)
 12121.5 C 1710 KKN50- USDOS Wash DC- QRA/QSX mkr (HDT-WV)
 15540 C 1913 KKN50- USDOS Wash DC- QBA mkr (DB-AR)
 17026 C var. KFS- San Francisco MARCO- CQ mkr (NRC-MA)(FLO-NH)
 18744 U 1613 WGY919- FEMA QTH?? cig WGY910 (RLP-KS)
 20000 U 2008 WWW- SPTS Fort Collins CO (JT-AK)

**** CENTRAL AMERICA ****
 COST: 17150 C 1655 TIM- Limon MARCO - CQ mkr (GIB-FL)
 PANAMA: 8608 C 0211 HPNG60- Canal MARCO (Puerto Armuelles)CQ mkr (JHW-NJ)
 17128 C 1328 HPNG60- Canal MARCO - CQ mkr (FB-FRG)

**** CARIBBEAN ****
 ANTG: 10780 U 1854 USAF Antigua wkg Lima Tango Uniform 826 (LSD-NJ)
 BARB: 8450.2 C 2045 BPO- Barbados MARCO - DE mkr (PAC-UK)
 12709 C 0155 BPO- Barbados MARCO - DE mkr (HDT-WV)
 CUBA: 6435 C 0300 CLQ- Havana MARCO - V mkr into tfc list (REH-WA)
 8918 U 2034 Boyeros Aero wkg New York Aero (CC-DE)
 6470.5 C 0245 GYI- Kingston MARCO - tfc list (REH-WA)
 0740 C 0740 FUF- Ft. de France NAVRAD - V mkr (DR-WA)
 8675.2 C 0230 FUF- Ft. de France NAVRAD - tfc list (REH-WA)
 13031.2 C 0135 FUF- Ft. de France NAVRAD - V mkr (JHW-NJ)
 16961.5 C 1700 FUF- Ft. de France NAVRAD - V mkr (FLO-NH)
 22390 C 2116 FUF- Ft. de France NAVRAD - V mkr (NRC-MA)
 4234 C 0525 PJC- Curacao MARCO - CQ mkr (DB-AR)

16320 U 1838 PAPA 3 BRAVO wkg UNIFORM 6 LIMA (CC-DE)
 16407 U 2115 NAVY 49676 p/p via Andrews - also LSB (BW-NE)
 17415 U 2140 GREY BASE wkg GREY BASE ONE (RMA-IA)
 17972 U 1540 AIR FORCE ONE wkg Andrews AFB (RAL-OH)
 17975 U 1810 PUMA 71 wkg MOTIVE CONTROL via COLOR GUARD (MDC-NY)
 18013 U 1408 KIMI 940 wkg RINZAF Auckland (LSD-NJ)
 18666 U 1621 SHARK 291 wkg SHARK 295 (PTK-IL)
 21964 U 1731 YANKEE VICTOR 52 wkg CHARLIE VICTOR (CC-DE)
 28265 U 1820 AIR FORCE TWO p/p CROWN via Andrews (CC-DE)

**** NUMBERS ****
 0009-----/WE/14DEC/7404.0/A/GY/54d/INPROG/**/232/**(RFM-CA)
 0130-0136/SU/01JAN/3600.0/A/GY/54d/INPROG/**/2-2/**(FMB-NJ)
 0140-----/TU/20DEC/8063.0/U/GY/54d/***/343/**(WJS-ONT)
 0200-0206/ST/10DEC/5135.0/C/XX/5L/RUA DW/AR(3)VA(3)5-4/**(FWB-NJ)
 0200-0209/ST/24DEC/5135.0/C/XX/5L/MDA DW/AR(3)VA(3)5-4/**(FWB-NJ)
 0200-0206/ST/31DEC/5135.0/C/XX/5L/RUA DT/AR(3)VA(3)4-4/**(FWB-NJ)
 0200-0206/ST/10DEC/8873.0/M/XX/5L/DAT DT/AR(3)VA(3)5-5/**(FWB-NJ)
 0200-0205/ST/24DEC/8873.0/M/XX/5L/MRT NT/AR(3)VA(3)5-5/**(FWB-NJ)
 0200-----/ST/31DEC/8873.0/M/XX/5L/RNU NT/**/2-2/**(FMB-NJ)
 0202-0209/ST/17DEC/5135.0/C/XX/5L/MDA DW/AR(3)VA(3)5-4/**(FWB-NJ)
 0202-0207/ST/17DEC/8873.0/M/XX/5L/MRT NT/AR(3)VA(3)5-5/**(FWB-NJ)
 0205-----/TU/20DEC/9040.0/U/GY/54d/***/333/**(WJS-ONT)
 0225-----/TS/29DEC/6803.0/A/SY/4d/***/322/**(JMN-CA)
 0235-----/MO/12DEC/4780.0/A/EY/(x)K.P.A.2/***/333/**(PGC-RT)
 0242-0247/TS/08DEC/3075.0/A/SY/5d/INPROG/final(2)/4-4/**(FWB-NJ)
 0300-0305/TS/08DEC/9387.0/A/SY/5d/ATT 834-21/Final(2)/5-4/(FMB-NJ)
 0314-----/MO/26DEC/4305.0/A/SY/4d/INPROG/**/444/**(BLJ-TX)
 0318-0340/WE/14DEC/4670.0/A/SY/4d/***/676/**/353/**(BLJ-TX)
 0332-0333/FR/09DEC/3100.0/A/SY/5d/INPROG/**/343/**(BLJ-TX)
 0400-0411/FR/09DEC/9038.0/C/XX/5L/UMI MT/AR(3)VA(3)4-3/**(FWB-NJ)
 0400-0411/FR/16DEC/9038.0/C/XX/5L/UMI MT/AR(3)VA(3)4-3/**(FWB-NJ)
 0400-0410/FR/30DEC/9038.0/C/XX/5L/DRU RT/AR(3)VA(3)5-5/**(FWB-NJ)
 0400-0410/FR/23DEC/9038.0/C/XX/5L/DRU RT/AR(3)VA(3)4-4/**(FWB-NJ)
 0403-0406/WE/04JAN/4782.0/A/SY/5d/***/Final(2)/43/**(JEB-CA)
 0419-0433/FR/06JAN/9222.0/A/SY/4d/***/24/**/453/**(RPM-GA)
 0722-----/SU/18DEC/6292.0/A/SY/5d/ATT 234-124/***/good/**(VWH-NY)
 0911-0928/MO/12DEC/5985.0/A/SY/5d/INPROG/**/454/**(BW-NE)
 0919-0923/FR/16DEC/5990.0/A/SY/5d/INPROG/**/232/**(JMN-CA)
 1501-1535/TS/08DEC/22870.0/A/SG/5d/***/0-repeats/343/(PTK-IL)
 1514-----/SU/18DEC/17436.0/A/SY/4d/INPROG/**/454/14421.0/(BW-NE)
 1628-----/TS/05JAN/16450.0/A/SY/32d/***/454/**/(PAT-CA)

**** RADIOLETYPE ****
 3537.0 1890 50/425n TUIH- ASCONA Abidjan IVRY- testing (AM-UK)
 3593.0 1806 ----- PDB2- INTERPOL Utrecht HOTEL- msgs (JK-FRG)

P. R.:	2679.0	U 1306	NMR - CG San Juan - WX/NTM b/c (SS-WA)
	3259	U 0100	AFRPS Roosevelt Roads - relay MW b/c (CG-MD)
	5692	U 0101	NMR26 - CGAS Borinquen wkg CG 1438 (JCH-MD)
	12700	C 0117	NMR - CG San Juan - CQ mkr (GLB-AR)
	16938.2	C 1936	NMR - CG San Juan - CQ mkr (DB-AR)
TFIN:	12886	C 1331	9YL - North Post MARCO - V mkr (GLB-FL)
**** SOUTH AMERICA ****			
ARGEN:	8760	M 0603	LEF - G. P. R. Buenos Aires - SS/OM/VM (MDI-ME)
	17191	C 0046	LSA - Boca MARCO - V/MC mkr (GLB-FL)
	25197	C 2043	LSA - Boca MARCO - SS/NX (FLY-ND)
BRL:	8855	U 0451	Manaus Aero wkg Bianca 942 (JCH-MD)
	8861	U 2240	Recife Aero wkg MAC 40644 (JWB-TW)
	8861	U var.	Recife Aero wkg Varig 730/Lufthansa 502 (JCH-MD)
	12795	C 0205	PW233 - Rio NAVRAD - DE mkr (HDT-WV)
CHL:	4767	C var.	CGS - Santiago NAVRAD - V mkr (RPS-CA) (DB-ME)
	8556a	C 0157	CCV - Valparaiso NAVRAD - V mkr (JHW-NJ)
	14584	C 0053	CGS - Santiago NAVRAD - V mkr (GLB-FL)
COL:	6387	C 0206	HKG - Buenaventura MARCO - DE/QSX mkr (DR-WA)
	8574	C 0231	HKG - Buenaventura MARCO - DE mkr (JHW-NJ)
	8855	U 0027	Bogota Aero wkg Lufthansa 519 (JCH-MD)
	8918	U ----	Barranquilla Aero wkg Maquetia Aero (STP-FL)
	13087.2	C 2300	HKB - Barranquilla MARCO - CQ mkr (DB-AR)
	17003.8	C var.	HKB - Barranquilla MARCO - CQ mkr (NRC-MA) (PLO-NH)
ECUA:	3810	A 0749	HD210A - SFTS Guayaquil (DR-WA)
	7600	A 0313	HD210A - SFTS Guayaquil (IMT-SD)
CHI:	8918	U 0138	Georgetown Aero wkg San Juan Aero (CG-DE)
SUR:	8653	C 0007	PZN - Paramaribo MARCO - CQ mkr (DB-AR)
URY:	8602	C 0209	CWA - Cerrito MARCO - CQ mkr (JHW-NJ)
	12750	C var.	CWA - Cerrito MARCO - CQ/QSX mkr (HPT-WV) (DLS-NY)
	22312.5	C var.	CWA - Cerrito MARCO - CQ mkr (NRC-MA) (BLJ-TX)
VENE:	17141.6	C 1940	YVG - La Guaira MARCO - ? mkr (DB-AR)
**** EUROPE ****			
ASTA:	4633	C 1705	OEQ - INTERPOL Vienna wkg Lisbon (AM-UK)
AZOR:	5616	U 0505	Santa Maria Aero wkg HUFF 73 (PRK-IL)
	11226	U 1016	CUN - La Jcs AB wkg ASCOT 4923 (JCH-MD)
BUL:	22344	C 1457	LWN - Varna MARCO CQ mkr (GLB-FT)
DEN:	2357.5	C 1601	OJA32 - Stevns NAVRAD - V mkr (FB-FRG)
	12916.5	C 2220	OXZ - Lyngby MARCO - DE mkr (DB-AR)
	17068.5	C 1650	OXZ - Lyngby MARCO - CQ/QSX mkr (BLJ-TX)
ENG:	4252	C 0120	KGC - Fortishead MARCO - DE mkr (PCG-RI)
	4310	C 0443	MTI - Plymouth NAVRAD - V mkr (BLJ-TX)
	13100	C 1327	CKQ - Fortishead MARCO - DE mkr (GLB-FL)
	22432.1	C 1159	KGD - Fortishead MARCO - DE mkr (NRC-MA)
	22579	C 1537	GKP - Fortishead MARCO - DE mkr (GLB-FL)
	50/425n	ARB - Lahore Air PAKI - clg ATA (AM-UK)	
	50/850n	ARA - Karachi Air PAKI wkg Lahore (AM-UK)	
	50/425r	HXK25 - Paris Metro FRAN - WX b/c (FLY-MD)	
	-----	SVX - Spata NAVRAD GREE - ftc (JK-FRG)	
	-----	MUY - Br. Army Monchengladbach FRG - clg GAXQ (UK)	
	50/425r	BJZ25 - Hangzhou Metro PRC - WX (IK-UK)	
	50/425r	FV764 - Chalou-sur-Saone Police FRAN - ftc (AM-UK)	
	50/850r	RXFI - Oelras NAVRAD PORT - RY/FOXs (JEB-CA)	
	50/850r	JMG2 - Tokyo Metro JAPAN - WX (JRU-OR)	
	50/850r	JRO69 - Buenos Aires Metro ARGN - WX (TJY-MD)	
	50/850r	RPTIG - Ponta Delgada NAVRAD AZOR - WX (IK-UK)	
	50/080r	RIBEDH - Nori Ligure Police ITALY - clg RIFABB (IK)	
	50/170r	LTA - Army Buenos Aires ARGN clg LTD (AM-UK)	
	50/425n	HZJ - Jeddah Air SAUD - clg Khartoum (IK-UK)	
	50/425r	EHU000 - Guadaira Civil Madrid SPAN - msgs (AM-UK)	
	50/850r	9CC - Accra Air GHAN - testing (AM-UK)	
	50/850r	AME3 - Madrid NAVRAD SPAN - RY/SGS (JEB-CA) (FB-FRG)	
	-----	per Perry Ferrell, IPRB lists AME3 as NAVRAD Madrid.....	
	50/170r	m/v LUAGANK wkg Novorossijsk MARCO (FB-FRG)	
	50/170r	USJM - BOBRUSKLES wkg Leningrad MARCO (FB-FRG)	
	50/170r	PBC36 - Goeree NAVRAD HOLL - RYs (FB-FRG)	
	50/425r	CCS - Santiago NAVRAD CHIL - wkg CCLA (RMA-IA)	
	50/425r	IER20 - ITG Rome ITALY - msgs (FB-FRG)	
	50/170n	UDK2 - Murmansk MARCO USSR - wkg UYAD (FB-FRG)	
	50/425n	LZM7 - Sofia Metro BUL - WX (TJY-MD)	
	50/850r	Kiev Metro USSR - WX (JEB-CA)	
	50/170r	8BN - Medan Air INDO - RYs (AM-UK)	
	50/170n	8BB2 - Jakarta Air INDO - RYs (AM-UK)	
	50/850r	JMI2 - Tokyo Metro JAPAN - WX (JRU-OR)	
	50/850r	JMG3 - Tokyo Metro JAPAN - WX (JRU-OR)	
	50/425r	CML5 - Havana PTP CUBA - tests to N.Y. (BFB-NH)	
	50/850r	ANS Buenos Aires ARGN - SS/NX (JRU-OR)	
	50/425r	ETA Sofia BUL - EE/NX (FB-FRG)	
	50/425r	6VY41 - Dakar Air SENEG - RYs/WX (BFB-NH) (JRU-OR)	
	50/850r	LRN83 - Saporiti Buenos Aires ARGN - SS/NX (JRU)	
	50/850r	GLN78 - PTP Havana CUBA - msgs?? (TJY-MD)	
	50/850r	FBV75 - Moscow Metro USSR - WX (JEB-CA)	
	50/850r	RGH77 - Arkhangel'sk Metro USSR - WX (JEB-CA)	
	**/085r	USAF Davidsonville MD - 16ch. Multicast (DLW-CT)	
	50/425r	ROM5 - Tashkent Metro USSR - WX (FB-FRG)	
	50/425r	GLN21 - PL Havana CUBA - EE/NX (EDK-MI)	
	50/425r	GLN19 - PL Havana CUBA - EE/NX (JRU-OR)	
	75/850n	WBP70 - Miami Metro FL - WX (BFB-NH)	
	50/425r	XVF3 - PTP Hanoi VIET - EE ftc (FB-FRG)	
	50/350n	FZR81 - St. Denis Metro REUN - RYs (JEB-CA)	

FRAN:	4312-9	C 0530	FUC3- La Regine NAVRAD - V mkr (DB-AR)	8300.0	0035	50/170n	USMW- METALLURG ANSOV- RYS to UFB (JEB-CA)
	4232	0 var.	HVN- Paris NAVRAD - V mkr (HDT-WV) (PCC-RI)	8345.0	0106	50/170r	UYJH- KAPTAN WISLOBOKOV- wkg Odessa (FB-FRC)
	5380	C 0030	F11575- Paris Police - V mkr (AM-UK)	8346.0	0230	50/170r	ULZD- VALENTINA TERESHKOVA- wkg Moscow (FB-FRC)
	5779	C 1645	FVA80- Gendarme Rosy-sur-Bois Cq mkr (AM-UK)	8348.0	2349	50/170r	ULYF- AKADEMIK KURRATOV- c1g UNM2 (FB-FRC)
	6422	C 0332	F112- St. Lys MARCO - QSX mkr (FWE-NJ)	8348.0	2339	50/170r	ULXR- ENISEITSK- RYS (FB-FRC)
	7378	C var.	FDC3- FFAF Dijon- V mkr (FB-FRC) (AM-UK)	8349.0	1916	50/170r	UYOC- GORIZONT- RYS (FB-FRC)
	8522-5	C 0152	F114- St. Lys MARCO - CQ mkr (JHW-NJ)	8349.5	0245	50/170r	UYSH- GENERAL BAGRATION- wkg UFN (JEB-CA)
	16876-1	C 1615	FUC3- La Regine NAVRAD - V mkr (ELO-NH)	8352.0	1919	50/170r	UZLM- LEONID SOBINOV- wkg Odessa (FB-FRC)
GDR :	4233-5	C 0535	Y5W- Reuten MARCO - V mkr (HDT-WV)	8352.0	0720	50/170n	UYVY- FLIZIK LEBEDYEV- RYS to UFB (JEB-CA)
	4525	C var.	Y38- SFTS Nauen (DEM-ALB) (TJY-WD)	8353.0	2335	50/170r	UDXU- BRATSTVO - RYS (FB-FRC)
	16892-9	C 1653	Y5W- Reugen MARCO - V mkr (PLO-NH)	8355.0	2337	50/170r	EMDT- SIDOR KOWPAK- RR msg (FB-FRC)
FRG:	2680-5	C 1620	DUJ59- Sengwarden NAVRAD - coded tlc (FB-FRC)	8355.0	2242	50/170r	UPMG- FEDOR POLETAEV- RR msg (FB-FRC)
	5690	U 0019	DEH95- CANMILL Lahr - WX b/c (JCH-WD)	8356.0	0130	50/170n	UKFY- SEVRYBA- RYS to URB2 (JEB-CA)
	13027-5	C 0417	DAL- Norddeitch MARCO - V mkr (NRC-MA) (DB-AR)	8356.5	0130	50/170n	ULRS- SUKHIMI- wkg Batumi MARCO (FB-FRC)
	11234	U 0955	CYU- Gibraltar NAVRAD - DE/QSX mkr (GLB-FL)	8357.0	1910	50/170r	UIVE- OTOMAR OCHKALN- RYS (FB-FRC)
GBR:	3657	C 0130	MUJ- RAF Gibraltar c1g GOLF ALFA ALFA (PAG-UK)	8357.5	0128	50/170n	UKUH- IGNALINA - RYS to URB2 (RMA-IA)
	22500-1	C 1210	SVA32- Spata Attikis NAVRAD - V mkr (FWE-NJ)	8455.0	2128	75/170n	NMA- CG Miami FL- RYS to NTOS (all CGC) (EDK-MI)
	17007	C 2003	PC161- Schvevningen MARCO - DE mkr (DB-AR)	8458.0	var.	75/850n	AME3- Madrid NAVRAD SPAN- RYS (FB-FRC) (RMA-IA)
HOLL:	8891	U var.	E1P- Shannon VOLMET (DEM-ALB) (JCH-WD)	9070.0	0445	50/425n	TAF- Istanbul Metro TURK- WX (BFB-NH)
ICE:	3413	U var.	SIV- Athens MARCO - DE mkr (NRC-MA)	9154.0	0245	50/850n	D4B- Sal Metro CAPE - RYS (AJD-NJ)
IRE:	2039	C 0215	LD18- Rome NAVRAD - V mkr (HDT-WV)	9298.0	2352	50/850r	ZVK- Rio de Janeiro Air BRZL- RYS (JRU-OR)
ITLY:	4615-6	C var.	IDR2- Rome NAVRAD - V mkr (HDT-WV) (PCC-RI)	9900.0	0045	50/850r	RFLIG- Cayenne NAVRAD FCCU- tlc RFLIA (JEB-CA)
	8649-5	C 0215	ICB- Genea MARCO - V mkr (JHW-NJ)	9986.0	0340	50/425n	FJT98- AFP Paris FRAN- SS/NX (JRU-OR)
	16895-3	C 1654	IAR7- Rome MARCO - V mkr (PLO-NH)	10169.4	1830	50/425n	HW63- Bangkok Metro THAI- WX (JRU-OR)
	25255	C 1217	IEM- C.I.R.M. Rome - V mkr (NRC-MA)	10300.0	1545	50/425n	AZAP- Kinshasa ZIRE- FF/NX (JRU-OR)
NOR:	22473-1	C 1446	LGM- Rogaland MARCO - CQ mkr (NRC-MA)	10345.0	var.	50/850r	LFB34- TELAM Buenos Aires-SS/NX (JRU-OR)
POL:	8557	C 0201	SP14- Szczecin MARCO - CQ mkr (JHW-NJ)	10408.0	1742	50/850n	9VF63- ANSA Singapore - EE/NX (JRU-OR)
PORT:	10390	C 1155	CSJ- INTERPOL Lisbon c1g FSB PARIS (PAG-UK)	10479.8	2115	50/800r	BOX22- PTP Shanghai PRC- c1g ORO46 (IK-UK)
	11148	0	CTV- Lisbon NAVRAD wkg CTC Escalagres (IK-UK)	10435.0	1455	50/425n	AT561- PTP New Delhi INDI- testing (IK-UK)
	12823-5	C 1711	CTP- Oeiras NAVRAD - DE/QSX mkr (JES-NI)	10686.0	1350	50/425n	9DM17- Tehran Metro IRAN- WX (FB-FRC)
	22479	C 1208	CU17- Lisbon MARCO - CQ mkr (NRC-MA)	10859.0	1355	50/425r	YAD4- FTP Kabul AFGN- c1g EE/NX (JRU-OR)
SPAN:	4350	C 0530	EAD- Aranjuez MARCO - CQ mkr (FWS-NY)	10880.0	1620	50/425r	RKE22- APN Moscow USSR- EE/NX (JRU-OR)
	5379	C	EP52- Pamplona Police - ??? (IK-UK)	10895.0	2315	50/850r	LFB39- Saporiti Buenos Aires- SS/NX (JEB-CA)
TURK:	11176	U 1914	AGJ9- Incirlik AB wkg DOBY 52 (JCH-WD)	10920.0	1615	50/425n	YZV22- ADN Berlin GDR- EE/NX (JRU-OR)
	8451	C 1702	UBL - unld MARCO - CW tlc (FB-FRC)	11000.0	1237	75/850r	NBA- USN Balboa PANA- RYS (RPD-NJ)
USSR:	8477	C 0202	UAH- Tallinn Estonia MARCO - V mkr (GLB-FL)	11030.4	2104	50/850r	DYN Buenos Aires ARGN- SS/NX (JEB-CA)
	8610	C 0245	UXN- Arkhangel'sk MARCO - DE mkr (GLB-FL)	11037.5	0040	50/850r	ZHF44- BAS Faraday ANTA- tlc BRANSFIELD (AM-UK)
	10090	U 0815	Khabarovsk VOLMET - (BPS-CA)	11100.0	0100	50/850n	RHH74- Kulbychev Metro USSR- WX (JEB-CA)
	12693	C 1313	URD- Leningrad MARCO - DE mkr (GLB-FL)	11418.2	1320	50/850r	ALGE- EMB Lisbon PORT- msgs to Algiers (AM-UK)
	12856	C 1321	UBF2- Leningrad MARCO - c1g UOXA (GLB-FL)	11434-3	1115	50/170n	VNV130- APP Sydney AUST- EE/NX (AM-UK)
			**** AFrica/MIDDLE EAST ****				
ALGE:	8437	C 0803	7TA6- EL Djaza'ir MARCO - CQ/QSX mkr (MTC-AZ)				
ANGO:	8565	C 0410	D3E1/51- Luanda MARCO - CQ mkr (GLB-FL)				
	22331	C 1920	D3E81- Luanda MARCO - CQ/MC mkr (JEB-CA)				

ASCN: 8993.0 U 0010 AFD14- Ascension AB wkg GULL 08 (DEM-ALB)
 11176 U 0409 AFD14- Ascension AB wkg MAC 70004 (JCH-MD)
 BRAN: 5698 U 2206 Falcon LDOC wkg ??? (IK-UK)
 5698 U 2257 Bahrain Aero c/g Bombay Aero (PAC-UK)
 12710 C 1315 A9M- Bahrain MARCO - DE mkr (GLB-FL)
 CAPE: 8861 U 2346 Sai Aero wkg Springbok 201 (JCH-MD)
 CHAD: 19093A S 0805 TTZ90- PTP N'Djamena wkg Paris (PAC-UK)
 CONG: 8903 U 0042 Brazzaville Aero wkg Caledonian 211 (JCH-MD)
 DJIB: 8568 C 0208 FUV- Djibouti NAVRAD - V mkr (GLB-FL)
 13042.6 C 2232 FUV- Djibouti NAVRAD - V mkr (DB-AR)
 EGPT: 8579 C 0316 SUH- Alexandria MARCO - V mkr (GLB-FL)
 12970.5 C 1250 SUH- Alexandria MARCO - V mkr (PAC-UK)
 ETHO: 11236 U 2357 Holloway LDOC wkg ??? (IK-UK)
 LEB: 13336 U 1450 Cedar Base LDOC wkg Middle East 271 (IK-UK)
 4886 C var. KKN44- USEMB Monrovia- QRA mkr (DB-AR) (DR-WA)
 LIBE: 7652.1 C 0124 KKN44- USEMB Monrovia - V mkr (TUY-MD)
 8815 U 2347 Roberts Aero wkg Dakar Aero (JCH-MD)
 LYBA: 8615 C 0719 5AT- Tripoli MARCO - V mkr (GLB-FL)
 8894 U 2249 Tripoli Aero wkg Alitalia 939 (JWE-TN)
 MADR: 8462 C 0110 CUB- Madeira MARCO - CQ mkr (GLB-FL)
 MALW: 11300 U 2211 Malawi Aero wkg Speedbird 068 (CC-DE)
 MAUR: 8879 U 0021 Mauritius Aero wkg Springbok 287 (JCH-MD)
 12989 U 0123 3BM3/5- Bigara MARCO - CQ mkr (GLB-FL)
 MOZA: 8879 U 0423 Beira Aero wkg Speedbird a/c (CC-DE)
 NIGR: 8903 U 2351 Kano Aero wkg Sabena 372 (JCH-MD)
 8903 U 0056 Lagos Aero wkg SN.A.R.Q. (JCH-MD)
 13336 U 1441 Kano LDOC wkg Middle East 277 (IK-UK)
 8550.4 C 2343 FUX- FF NAVRAD Reunion - V mkr (DLS-NY)
 17062 C 1823 FUX- FF NAVRAD Reunion - V mkr (PJO-NH)
 SEIN: 6673 U 0113 Dakar Aero wkg Iberia 867 (IK-UK)
 13409.5 C 2320 6W- Dakar NAVRAD - V mkr (DB-AR)
 SEYO: 8879 U 2248 Seychelles Aero wkg Speedbird 25 (CC-DE)
 SOAP: 6325.5 C 0318 ZHQ- Cape NAVRAD Fisantekraal - ID mkr (PWB-NJ)
 6336.5 C 2054 ZHQ3- Cape NAVRAD Simonstown - V mkr (PAC-UK)
 8470 C var. ZHQ4- Cape NAVRAD Simonstown - V mkr (HDT-WV) (BPS)
 8566 C 0300 ZHQ4- Cape NAVRAD Silvermine - t/c list (REH-WA)
 8605 C 0211 ZHQ- Cape NAVRAD Fisantekraal - X mkr (GLB-FL)
 8688.5 C 1735 ZSD- Capetown MARCO - CQ mkr (BPS-CA)
 8714 C 0327 ZSD- Durban MARCO - DE mkr (JEB-CA)
 8861 U --- Johannesburg Aero wkg Springbok 235 (JCH-MD)
 12698 C 2104 ZSC- Capetown MARCO - CQ mkr (DLS-NY)
 16964 C var. ZHQ6- Cape NAVRAD Simonstown- V mkr (JEB) (FLO)
 17165 C 1925 ZSC7- Capetown MARCO - CQ mkr (JEB-CA)
 22434.9 C 1432 ZSC- Capetown Aero - CQ mkr (NRC-WA)
 5698 S 2245 Khartoum Aero wkg Air France 133 (PAC-UK)

11475.0 0357 50/425n HMY33- KONA Pyongyang NOKO- Ry's (JEB-CA)
 11486.0 2304 50/425n TUH- ASCONA Abidjan IVRY- Ry's (JEB-CA)
 1600.0 0140 50/425r YA730- MFA Berlin GDR - Ry's (JEB-CA)
 12070.0 0543 50/850r JAL32- KYODO Tokyo JAPAN- EE/NX (JRU-OR)
 12097.2 0330 50/170r 9KP- Kuwait Air - WX (TUY-MD)
 12186.0 1745 50/425r JANA Tripoli LYBA - EE/NX (JRU-OR)
 12499.0 1549 50/170r USEO- ALEKSEJ KHLOBYSTOV- wkg Mumansk (FB-FRC)
 12500.5 0115 50/170n UJMH- KAPITAN GASTELLO- wkg Leningrad (FB-FRC)
 12504.0 1226 50/170r ENCW- NOVOMALINSK- Ry's (JEB-CA)
 12505.0 0040 50/170n ESKM- OSTROV SIDIRYAKOVA- Ry's to UJY (JEB-CA)
 12505.5 0107 50/170n LEVY- MALTA - t/c to Kallinigrad (JEB-CA)
 12510.0 0012 50/170n EEMD- VILKITSKO- Ry's (JEB-CA)
 12510.5 0058 50/170r UZFP- NIKOLAI SIPLACIN- wkg Batumi (FB-FRC)
 12512.5 0048 50/170n LYFG- MARE VASILEVSKI- t/c to UJY (JEB-CA)
 12515.0 1228 50/170r UYDQ- LILINAKAN- wkg Novorossijsk (FB-FRC)
 12515.0 1200 50/170r UYRL- PALANGA - wkg Klaipeda (FB-FRC)
 12515.5 2220 50/170n ESMI- DIVINSKI ZALIV- RR t/c (JEB-CA)
 12515.5 0035 50/170n EYVD- RETAVAS - Ry's to URB2 (JEB-CA)
 12516.5 0120 50/170n UOMZ- AKHARIVIMSH???- t/c Kallinigrad (JEB-CA)
 12520.0 0954 50/170r N. MITRENOKO - wkg Odessa MARCO (FB-FRC)
 12520.0 1555 50/170r UGCSZ- KOMANDARM PEDKO - wkg Batumi (FB-FRC)
 12522.0 1039 50/170r UFJO- KUBAN - wkg Moscow MARCO (FB-FRC)
 12522.0 0045 50/170n UPMY- ST.Q. IOSELJANI- Ry's to URL (JEB-CA)
 12522.5 0140 50/170n UNOT- TRUZHENIK MORVA - RR t/c (JEB-CA)
 75/850r AME3- Madrid NAVRAD SPAN- Ry's (FB-FRC)
 75/170r MAM- CG Honolulu HI - wkg NC 1414 (JEB-CA)
 50/170n MAN- MFA Madrid SPAN t/c with MAL (AJD-NJ)
 50/425n BUL EMB Tunis TUNI- msg to Sofia (AM-UK)
 50/850n LRM22- Saporiti Buenos Aires- SS/WX (JRU-OR)
 50/425n ULV-SA/AAMC Moscow USSR elg USZ (FB-FRC)
 75/850n KRH51- USENB London ENG- RY/FOXs (RPD-NJ)
 50/425r ASK21- MFA Karachi PAKI- msg. Islamabad (AM-UK)
 50/425n WY727- GDR EMB Tirana ALB- Ry's (AM-UK)
 75/425r 3Q5- CZEK EMB Ankara TURK- msg Prague (AM-UK)
 75/425n BUL EMB Berne SWITs - msg MFA Sofia (AM-UK)
 75/425n VOA Poro PHIL - RY/FOX/QRAS (RWA-IA)
 14526.5 2345 75/425n PRS- EMBRATTEL Rio de Janeiro BRZL-QRA (RWA-IA)
 75/350n ACA8M1- USAF Paris METRO AM JAPAN-msgs (JEB-CA)
 75/850n ZLX37- Wellington Metro NZEL- WX (JRU-OR)
 75/850n 50A- ASEONA Niamey NIGR- WX (AM-UK)
 14937.6 1655 50/425r MFA Belgrade YUGO- t/c to N.Y. EMB (AM-UK)
 50/425r FPQ- Diplo Paris FRAN- FF/NX (JRU-OR)
 16106.0 1715 50/425n MKD- RAF Akrotiri CYPR- FOXs (RPD-NJ)
 16282.2 1410 50/170r

ZEBREK 8903 U 0433 Kånhasa Aero wkg Alitalia 946 (JCH-MD)

*** ASTIA FAR EAST ***

XSV- Tianjin MARCO - ??? (PAC-UK)
 DIEG- Diego Tower wkg MAC 50261 (JCH-MD)
 HONG- Hong Kong Aero wkg Tokyo Aero (BPS-CA)
 INDI- 10066 Calcutta Aero wkg Rangoon Aero (BPS-CA)
 INDO- 11396 Bali Aero wkg Jakarta & Perth Aero (BPS-CA)
 JAPAN- 11396 Jakarta Aero wkg Medan Aero (BPS-CA)
 2863 Tokyo VOLMET (BW-NE)
 4298 JMG2- Tokyo MARCO - WX b/c (REH-WA)
 8437 JOS- Nagasaki MARCO - CQ mkr (DB-AR)
 8479 JCU- Choshi MARCO - CQ/GSX mkr (BPS-CA)
 8493 JNA- Tokyo NAVRAD - Navarea b/c (MTC-AZ)
 12826.5 JCS- Choshi MARCO - CQ/GSX mkr (BPS-CA)
 15835 JBL55- PTP Tokyo - telecom tfc with ? (JEB-CA)
 18087 JPA24- INTERPOL Tokyo - bits (JEB-CA)
 11430 HNS1- KGNU Pyonyang - MC mkr (AM-UK)
 16990 HLO- Seoul MARCO - CQ/GSX mkr (BPS-CA)
 17118 HLG- Seoul MARCO - CQ/GSX mkr (BPS-CA)
 LAOS- 5655 Vientiane Aero wkg Bangkok Aero (BPS-CA)
 6479.8 9MB2- Penang NAVRAD - V mkr (PAC-UK)
 6482a 9MB4- Penang NAVRAD - V mkr (BPS-CA)
 16950a 9MB4- Penang NAVRAD - V/MC mkr (BPS-CA)
 OKIN- 8903 Naha Aero wkg Rome Golf 713 (BPS-CA)
 PAKI- 13010.8 C130 DZG- Karachi NAVRAD - V mkr (PAC-UK)
 PHIL- 8588 DZG- Manila (Las Pinas) MARCO - CQ mkr (BPS-CA)
 2323.5 C0032 DJJ- Manila (Bulacan) MARCO - CQ mkr (BPS-CA)
 SING- 8715 9VC- Singapore MARCO - CQ mkr (BPS-CA)
 11887 U 1020 Singapore VOLMET (BPS-CA)
 11396 U 0858 Singapore Aero wkg Jakarta Aero (BPS-CA)
 TWM- 22458a C 0100 XSX- Keelung MARCO - CQ mkr (BPS-CA)
 THAI- 8942 U 1657 Bangkok Aero wkg Echo Lima 332 (BPS-CA)
 11387 U 1010 Bangkok VOLMET (BPS-CA)
 VIET- 8942 U var Hanoi Aero cig Alitalia 1791 (BPS-CA)

*** PACIFIC OCEAN ***

Sydney VOLMET (NRC-MA)
 8478 VBP- Canberra NAVRAD - V/MC mkr (REH-WA)
 8597 VIE3- Perth NAVRAD - V mkr (DB-AR)
 11396 U 0824 Darwin Aero wkg DRIVER 988 (BPS-CA)
 5643 U 1037 Nandi Aero wkg Far Eastern 716 (OC-DE)
 8867 U 0518 Nandi Aero wkg Quantas 93/Pacific 714 (JCH-MD)
 FFP0- 6462 C var. FUM- Papeete NAVRAD - V mkr (BPS-CA) (DR-WA)
 8625 C var. FUM- Papeete NAVRAD - V mkr (HDT-WV) (REH-WA)
 12664.5 C 0425 FUM- Papeete NAVRAD - V mkr (MTC-AZ)

16661.0 1232 50/170r UAMB- LHMV - wkg Novorossiisk (FB-FRC)
 1685.0 1326 50/170r UHEP- GENERAL SKODNOMITCH- tfc (FB-FRC)
 16700.0 0020 50/170n UVMX- MOZHAIISK - RYs to UFB (JEB-CA)
 16702.0 1318 50/170r UVMK- MIKHA TSAKALA - wkg Batumi (FB-FRC)
 16703.0 1120 50/170r URJK- NOVOSIBIRSK - cig Leningrad (FB-FRC)
 16703.0 1547 50/170r EMXF- KURSOGRAF - wkg Riga MARCO (FB-FRC)
 16706.0 1322 50/170r UUCF- SOTA RUSTA MELI - wkg Odessa (FB-FRC)
 17147.0 0245 75/170r NMG- CG San Francisco CA- tfc NRUO (JEB-CA)
 17680.0 1920 45/1425n CWG- PTP Havana CUBA- mssg Moscow (JEB-CA)
 18040.2 1320 50/850r TCY4- Ankara TURK- TK/NX (RPD-NU)
 18190.0 1110 50/170n FSB59- INTERPOL Paris FRAN- mssg (AM-UK)
 18242.0 1920 75/425n ZRO4- Pretoria Air SOAF- WX (JEB-CA)
 18251.5 2040 50/850n SUU20- Cairo Metro EGPT- WX (JEB-CA)
 18446.7 1120 50/425n INDO EMB Davao PHIL- mssg Jakarta (AM-UK)
 18804.0 0755 75/425r SAM60- SWED EMB Islamabad PAKI- mssg SAM (AM-UK)
 19003.6 1020 50/425r PAKI EMB OMAN- mssg Karachi & Islamabad (AM-UK)
 19058.2 1600 75/850n CBP- Callao NAVRAD PERU- mssg to NPA (AM-UK)
 19220.0 1935 50/425n CLP7- EMBACUBA Brazzaville CONG- to CLP1 (JEB)
 19616.0 1645 75/425r NBA- USN Balboa PANA - RYs (BFB-NH)
 20397.4 1215 50/425r INDO EMB Jeddah SAUD- mssg Jakarta (AM-UK)
 20572.0 1500 75/850r HDN- Quito NAVRAD ECUA- RYs (AJD-NU)
 20722.0 1538 75/850n HDN- Quito NAVRAD ECUA- FOXS (AM-UK)
 20898.3 1220 75/425n OMZ- MFA Prague CZECH- mssg to Addis Ababa (AM-UK)
 20899.0 1045 75/425r CZEC EMB Kabul AFCN- mssg Prague (AM-UK)
 20947.0 1225 75/425r ETT90- CZEC EMB Addis ETHIO- mssg Prague (AM-UK)
 20960.2 1212 75/425r SAM74- SWED EMB Monrovia LIBE- mssg SAM (AM-UK)
 21940.0 1332 50/170r 7XA99- Alger Metro ALGE- WX (FB-FRC)
 22202.0 1335 50/425r ULRS- SUKHUMI - wkg Batumi MARCO (FB-FRC)
 23690.0 1105 75/850r 4UT- UO Bangkok THAI- QRA mkr (AM-UK)

**** VLF/LW/MW ****

DCF77- SFTS Mainflingen FRG - pips (DEM-ALB)
 194.0 A var. TUK- Nantucket WA - NDB/AM WX b/c (DEM-ALB) (PLO-NH)
 205.0 M 0026 YWO- Contyoto Lake NWT CAN- NDB (DEM-ALB)
 207.0 C 0727 CU- Charlo NB CAN - NDB (MDL-NE)
 207.0 C 0028 YNE- Norway House MAN CAN - NDB (DEM-ALB)
 212.0 C 0456 PMX- Palmer MA USA - NDB (PLO-NH)
 215.0 C 0029 YFL- Fort Reliance NWT CAN - NDB (DEM-ALB)
 216.0 C 0457 CLB- Carolina Beach NC USA - NDB (PLO-NH)
 222.0 C 0035 WT- Wrigley NWT CAN - NDB (DEM-ALB)
 228.0 C 0733 XI- Killaloe ONT CAN - NDB (MDL-ME)
 233.0 C 0458 CNH- Claremont NH USA - NDB (PLO-NH)
 283.5 M 1534 BUS- Bressy Belg W USA - NDB (PAC-UK)
 320.0 A 0713 HTN- Miles City MT USA - NDB & AM WX b/c (LMT-SD)
 350.0 C 0046 NA- Swan River MAN CAN - NDB (DEM-ALB)

17279.0 C 1945 FUM- Papeete NAVRAD - V mkr (DB-AR)
 22544 C 0108 FUM- Papeete NAVRAD - V mkr (BPS-GA)
 HI... 5574 U 0559 Honolulu Aero wkg United 188 (JCH-MD)
 5574 U 0457 Honolulu Aero wkg Ward Air 275 (JCH-MD)
 6738 U 0545 ACA2-Hickam AB wkg MAC 70029 (JCH-MD)
 8843 U 0438 Honolulu Operations wkg Hawaii 803 with a simulated highjack & bomb treat (JCH-MD)
 8867 U 0455 Honolulu Aero wkg South Pacific 810 (JCH-MD)
 11179 U 2333 ACA2-Hickam AB wkg MAC 00047 (JCH-MD)
 13655 C 2200 NMO- CG Honolulu - CQ mkr (DB-AR)
 16457.5 C 2030 NMO- CG Honolulu - WX b/c (REH-WA)
 JOHN: 12205 U 0313 NRO- Johnston Loran wkg Kure Loran (MTC-AZ)
 MARI: 11401 U 0350 Saipan Flight Reservations wkg Guam Ops (MTC-AZ)
 MARI: 11401 U 0454 Majuro Flight Reservations wkg Fomape (MTC-AZ)
 MARI: 12858 C 1327 FUJ- Noumea NAVRAD - V mkr (GLB-FI)
 NCAL: 16958 C 1848 FUJ- Noumea NAVRAD - V mkr (DB-AR)
 22641a C 0014 FUJ- Noumea NAVRAD - V mkr (BPS-CA)
 NZEL: 6393.5 C 0800 ZLB- Awarua MARCO - tfc list (REH-WA)
 6679 U 1120 Auckland VOLMET (NFC-WA)
 8598.4 C var. ZLO- Iirangi NAVRAD - DE/QSX mkr (BPS-GA) (GLB-FI)
 8867 U 0446 Auckland Aero wkg Quantas 34 (JCH-MD)
 13244 U 1405 RNZAF Auckland c15 Kivi 940 (LSD-NJ)
 17171 C 1658 ZLB- Awarua MARCO - tfc list (GLB-FI)

**** ANTARCTICA ****

9106.0 U 0025 ZHF33- BAS Signey wkg BAS Rothera (AM-UK)
 9106 U 2327 ZHF33- BAS Signey - WX b/c (DEM-ALB)
 9106 U 2338 ZHF44- BAS Faraday wkg unid sta (DEM-ALB)

**** SHIPS ****

2662.0 U 2330 NRXD- CGC EVERGREEN wkg CG Shimnecock (LSD-NJ)
 2670 U 1448 NRDE- CGC CAPE HIGGON wkg CG Boston (MDI-ME)
 4115 U 0050 H20P- SAUDI RIYADH c1g VCS Halifax (FNB-NJ)
 4134.3 U 0304 LMKB- name unknk wkg CG Miami (LSD-NJ)
 6171 C 0314 HOTW- IMPALA c1g Portishead (FNB-NJ)
 6506.4 U 1440 NODO- CGC MALLOU wkg CG Honolulu (JDM-WY)
 6506.4 U 1403 NODG- CGC BASSWOOD wkg CG Guam (JDM-WY)
 6506.4 U var. NIKL- CGC WESTWIND wkg NMC (JDM-WY) (BPS-CA)
 8216.7 U 1428 KPEY- AMERICAN LEGEND wkg WOO (FNB-ME)
 8365 C 2244 SQDL- CEDYVIA c1g Lisbon (FB-FRG)
 8365 C 1708 ONAG- BALDER ANTWERPEN c1g Oostende (FB-FRG)
 16508.4 U 1947 m/v TROPICAL p/p via WOM (BPS-CA)
 16556.1 U 1658 CYEK- LACKENBY wkg Portishead (LSD-NJ)
 16587.1 U 2200 ISLA PINTA c1g GENOVESA in SS (BPS-CA)

362.0 C 0043 YS- Coral Harbour NWT CAN - NDB (DEM-ALB)
 362.5 M 1312 SND- Southern, Essex ENG - NDB (PAC-UK)
 366.0 C 0505 CRE- Orange MA USA - NDB (PLO-NH)
 376.0 C 0506 ZLN- Great Inagua BAHM - NDB (PLO-NH)
 389.0 C 0508 BD- Windsor Locks CT USA - NDB (PLO-NH)
 391.0 M 1255 BV- Beauvais/Tille FRAN - NDB (PAC-UK)
 397.0 C 0041 PH- Inouciouac QUE CAN - NDB (DEM-ALB)
 397.0 C 0510 ZBB- Bimini BAHM - NDB (PLO-NH)
 409.0 C 0512 YTA- Pembroke ONT CAN - NDB (PLO-NH)
 414.0 C 0716 BG- Baie Lomeau QUE CAN - NDB (MDL-ME)
 454.0 C 1700 WCG- Chatham MA MARCO USA - tfc list (NRC-WA)
 515.0 M 0345 RRQ- Rock Rapids IA USA - NDB (DEM-ALB)
 516.0 C 0711 YVA- Petawawa ONT CAN - NDB (MDL-ME)
 517.0 C 1024 INE- Missoula MT USA - NDB (DR-WA)
 1613.0 C 0325 RAB- Rabinal GUAT - NDB (DEM-ALB)
 1685.0 M 0314 MER- Mercaderes COLO - NDB (DEM-ALB)

**** QSLs ****

AK... KTS704- Anchorage VOLMET- Card 12d XRP- 8828 kHz (JMK-WA)
 AZOR: CUG- Sao Miguel MARCO- Card 45d ZIRGs - 8461 kHz (AJD-NJ)
 CAN.: GKN- CAMMIL Vancouver(Aldergrove)PFC 60d IRC- 12125 kHz (MTC-NJ)
 CHIL: CGM- Punta Arenas NAVRAD- Card 39d IRC - 8510 kHz (JMK-WA)
 PRC.: BPM- SFTS Shaanxi - Card 329d 15000 kHz (DLS-NY)
 COST: TIM- Limon MARCO - Ltr in 25d 2 IRCs - 22336 kHz (AJD-NJ)
 HI... NMO- USCG Honolulu- PFC/ltr 73d MS - 22476 kHz (JMK-WA)
 LIBE: KKN44- USEMB Monrovia - PFC in 25d IRC - 4886 kHz (JMK-WA)
 NZEL: ZLB7- Awarua MARCO - Ltr in 52d 22553 kHz (SB-CT)
 SENE: 6VA- Dakar MARCO - Ltr 42d IRC - 8690 kHz (JMK-WA)
 SPAN: EAD44- Aranjuez MARCO - Card 90d 2IRCs - 12887 kHz (AJD-NJ)
 SURI: PZM26- Paramaribo MARCO - Card 30d 2IRCs - 16956 kHz (AJD-NJ)
 USA.: NWN- USCG Portsmouth VA- Card 24d MS - 6506.4 kHz (DLS-NY)
 NMI13- USCG Cape Hatteras NC- Ltr 11d MS- 2670 kHz (ES-WA)
 W3MAN- Goddard HAM Radio Club Greenbelt MD- Card 11d SASE rebroadcasting Space Shuttle comms- 3860 kHz (ES-WA)
 NWC- USCG San Francisco CA- Card 15d MS- 4428.7 kHz (ES-WA)
 NWA- USCG Miami FL - Card 12d XRP - 8984 kHz (JMK-WA)
 NAM- USN Norfolk VA- Ltr 40d via NWN Portsmouth-8090kHz (AR-WA)

Long Wave:

UOC - Iowa City IA - Ltr 45d MS - 524 kHz (HH-MT)
 GWW - Goldsboro/Wayne Muni NC- PFC 42d MS - 208 kHz (HH-MD)
 OUC - Cracoke Airport, NC - PFC 22d MS - 404 kHz (HH-MD)
 JTM - Braxton City Airport, Sutton WV- PFC 31d MS - 234 kHz (HH-MD)
 STY - George M. Bryan Airport, Starkville MS- Ltr- 281 kHz (HH-MD)
 CWF - McCoy AAF, Sparta WI - PFC 17d MS - 412 kHz (HH-MD)
 UFW - Gwinnett City Airport Lawrenceville GA- PFC - 419 kHz (HH-MD)

***** AIRCRAFT *****

2887.0 U 0943 CLIPPER 202 wkg New York Aero (BH-NE)
 3015 U var. UNITED 922/AEROFLOT 341 wkg Santa Maria (TFS-NY)
 5047 U 0320 ALITALIA 192 wkg San Francisco (JDM-WN)
 5550 U var. LUFTHANSA 437/ARGENTINIAN 337 wkg New York (JDM-WN)
 5574 U 1340 FLYING TIGER 73 wkg San Francisco (JDM-WN)
 5598 U 0220 IBERIA 956 wkg Santa Maria (JDM-WN)
 5598 U 0240 AIR PORTUGAL 352 wkg San Juan (JDM-WN)
 5598 U var. SPRINGBOK 201/AIR FRANCE 216 wkg NY (BPS-CA) (JDM-WN)
 5616 U var. PALM 200/GLIPPER 110 wkg New York (JDM-WN)
 5628 U var. JAPAN AIR 62/NORTHWEST 8 wkg Anchorage (JDM-WN)
 5628 U 0941 TIGER 74 wkg Tokyo (BPS-CA)
 5643 U var. QUANTAS 6/NEW ZEALAND 22 wkg Nandi (JDM-WN) (BPS-CA)
 5643 U var. NEW ZEALAND 6/CONTINENTAL 1 wkg Honolulu (JDM-WN)
 5643 U 0840 NEW ZEALAND 1 wkg Tahiti (BPS-CA)
 5643 U 0851 NEW ZEALAND 6 wkg Auckland (BPS-CA)
 5658 U 2253 AIR FRANCE 477 wkg Khartoum (CC-DE)
 5658 U 0207 INDIA KILO 703 wkg Djibouti (CC-DE)
 5658 U var. AIR FRANCE 490/494 wkg Addis Ababa (CC-DE)
 5692 U 1929 CG 1398 wkg CCAS Detroit (EDK-MI)
 5696 U var. CG 1494/1504/1346/01 wkg MN (MDL) (JDM) (LSD) (???)
 5696 U var. CG 1702/1484 wkg CG Miami (WJS-ONT) (MDL-ME)
 5696 U 1400 CG 1700 c1g CG 1702 (STP-FL)
 5718 U 0330 CAN RESCUE 5453 wkg CANMIL Halifax (LSD-NJ)
 5777 U var. ARROW AIRWAYS 108/SPEEDBIRD 295 wkg New York (JDM-WN)
 6693 U 0332 CAN RESCUE 5453 wkg CANMIL Halifax (LSD-NJ)
 8861 U var. SCANDANAVIAN 958/SPRINGBOK 272 wkg Dakar (???)
 8861 U var. TIMBUCTU 50&232/UTA 507/KLM 654 wkg Dakar (JDM-WN)
 8861 U var. MAC 40629/MAC 40613 wkg Recife (DLS-NY)
 8879 U var. CLIPPER 100/SPEEDBIRD 273 wkg Gander (JDM-WN) (CC-DE)
 8879 U var. LUFTTHANSA 424/480 wkg Gander (CC-DE)
 8891 U 1547 EL AL 3 wkg Gander (CC-DE)
 8894 U var. NIGERIAN 801/DALYONIAN 366 wkg Algiers (JDM-WN)
 8903 U 1736 MAC 60126 wkg Manila (BPS-CA)
 8903 U 2118 AEROFLOT 433 wkg Luanda (CC-DE)
 8918 U var. CUBANA 8121/SPEEDBIRD 52 wkg Brazzaville (TFS) (CC) (STP)
 8918 U 1644 WEST INDIAN 521 wkg San Juan (CC-DE)
 8918 U 1409 CUBANA 146 wkg Boyeros (JDM-WN)
 8918 U TRANS AM 21 wkg Panama (CC-DE)
 8918 U var. DELTA 748B/AMERICAN 662 wkg New York (JDM-WN)
 8942 U 1651 SPRINGBOK 295 wkg Bangkok (BPS-CA)
 8984 U var. CG 2112/GC 2114 wkg CG Miami (JDM-WN) (???)
 8984 U 1529 CG 1601 wkg CG Kodiak (???)
 9006 U 0124 CANMIL 5512 wkg CANMIL Trenton (JDM-WN)
 10048 U var. DYNASTY 5/PHILIPPINE 101 wkg Anchorage (BPS-CA)

SHIPS:

ZCUT - EASTERN SAGA - Ltr 45d IRC - 12540 kHz (HH-MD)
 PGAP - MOORBECHT - Ltr/Pic in 25d IRC - 8963.3 kHz (HH-MD)
 A80P - SHUN OH - PFC in 36d IRC - 8379 kHz (HH-MD)
 PHNB - NEDULLOY SINOUTSKERK - Ltr 90d IRC - 16727.2 kHz (HH-MD)
 HO9381 - GIANT TIDE - PFC in 371d MS - 12435.4 kHz (HH-MD)
 A8PN - ASTRO PEGASUS - Ltr in 99d IRC - 12546.6 kHz (HH-MD)
 WRP2960 - OCEAN VOYAGER - Ltr in 25d MS - 12429.2 kHz (HH-MD)
 WNJG - SENATOR - PFC in 26d MS - 12432.3 kHz (HH-MD)
 LJZL - HOECH FALCON - Ltr/Pic in 48d XRP - 16522 kHz (HH-MD)

*** We had 62 contributors this month. You were:

(BLA-PA)	Brian Alexander	(JK-FRC)	Joerg Klingenfuss
(RMA-IA)	Rodney Alexander	(EDK-MI)	Eugene Krolak
(SB-CT)	Sam Barito	(RAL-OH)	Robert Leary
(FWB-NJ)	Fred Belghaus	(MDL-NE)	Mike Leonard
(JEB-CA)	Jason Berrl	(RLL-VA)	Robert Lewallyn
(BFB-NH)	Bernard Biron	(LL-QJE)	Larry Lutsky
(GLB-FL)	Cary Bladsoe	(DEM-ALB)	Don Moman
(FB-FRC)	Fred Bodenhausen	(AM-UK)	Alex Moore
(DB-AR)	Don Brewer	(HFM-GA)	Ralf Munster
(NRC-MA)	Norm Cadorette	(JMN-GA)	Mike Nowicki
(CC-DE)	Cornelia Campbell	(PLO-NH)	Patrick O'Connor
(CCG-RI)	Peter Card	(CCO-MD)	Carl Olson
(MTC-AZ)	Mike Chabak	(RWP-ME)	Roger Pettengill
(MDC-NY)	Mark Chinsky	(RIF-KS)	Robert Rankin
(RJC-MA)	Robert Coleman	(AR-VA)	Arnold Ritt
(PAC-UK)	Peter Conway	(DR-WA)	Dave Robertson
(LSD-NJ)	Larry Danko	(TFS-NY)	Thomas Sable
(AJJ-NJ)	Joe Deinet	(BFS-CA)	Bryan Sharpe
(RPD-NJ)	Richard Duran	(SS-CA)	Steven Sonenshine
(JWB-TN)	James Evans	(ES-WA)	Edward Soomre
(TF-KY)	Ted Fleischacker	(DLS-NY)	David Spraker
(STP-FL)	Tom Fleming	(WJS-ONT)	Wilf Stone
(LG-NC)	Lee Groce	(HDT-WV)	Harold Tate
(JCH-MD)	James Hartung	(LMT-SD)	Lyle Taylor
(WHF-NY)	Vincent Hevern	(PAT-CA)	Feggy Thompson
(HH-MD)	Hank Holbrook	(JT-AK)	John Trent
(REH-WA)	Richard Hull	(JRU-OR)	James Uerlings
(BLJ-TX)	Brian Jones	(JHW-NJ)	John Walters
(JMK-MA)	John Kapinos	(BW-NE)	Barry Ward
(IK-UK)	Ian Kerr	(JDM-MN)	John Williams
(PTK-IL)	Patrick Kerrigan	(DLW-CT)	David Wilson
		(TJY-MD)	Tom Yingling

11182.0 U 1925 MAC 40612 wkg Scott AFB (CC-DE)
 11300 U 2344 KENYAN 306 wkg Addis Ababa (CC-DE)
 11300 U 2004 SUDAN 215 wkg Nairobi (CC-DE)
 11300 U 2004 UGANDA 748 wkg Dar-es-Salaam (JCH-MD)
 11396 U var. CLIPPER 237 & 225/ SAM 31683 wkg New York (JDM-MN)
 11396 U 0841 BRUNET 763 wkg Darwin & Ujung Pandang (BPS-CA)
 11396 U 0918 CATHAY 170 wkg Jakarta (BPS-CA)
 11396 U 0890 MALAYSIAN 64 wkg Manila (BPS-CA)
 11396 U 0940 MALAYSIAN 2 ALFA wkg Bali Aero (BPS-CA)
 13244 U 1357 PAKISTAN AIR FORCE 10 p/p Dover Ops via MacDill (LSD-NJ)
 13291 U 2019 AIR JAMAICA 002 wkg New York (CC-DE)
 13306 U var. CANNIL 410/ TWA 741 wkg Gander (RWP-NE)
 13300 U 0122 NOVEMBER 303 GOLF ALFA clg Nandi (BPS-CA)
 13330 U var. 53 ALFA/CLIPPER 21 wkg Houston LDOC (JDM-MN) (CG-DE)
 15015 U 2203 AIR FORCE RESCUE 60211 p/p via Scott AFB (RJJ-GA)
 17925 U 1913 SOUTHERN AIR 251 p/p Miami Ops via Houston LDOC (LSD-NJ)
 18019 U 1710 CANNIL 532 p/p via Albrook AB (CC-DE)

**** TACTICAL ****

L 1258 SAM 31682 wkg Andrews AFB (BW-NE)
 4046 U 0707 YANKEE ZULU ROMEO r/c with LIMA 6 (MDI-ME)
 4720 U 0425 PAPA ZULU wkg ALFA ROMEO in SS (LDS-NJ)
 4721 U 0012 SAM 31683 p/p SAM COMMAND via Andrews AFB (BW-NE)
 4731 U 1315 SAM 27000 wkg Andrews AFB (RAL-OH)
 5681 U 0121 KILO 5 ALFA wkg 1 NOVEMBER UNIFORM (JCH-MD)
 5700 U 0028 MOLASSES wkg OPPOSE (CC-DE)
 5703 U 1357 CONDOR clg FIRESIDE 30 (LSD-NJ)
 5710 L 1215 SPAR 60 wkg Andrews AFB (BW-NE)
 5606.4 U 0815 XPAY 4 wkg CG Kodiak (BPS-CA)
 6683 U 1411 AIR FORCE TWO wkg Andrews AFB (CC-DE)
 6715 L var. AIR FORCE ONE wkg Andrews (BLA-PA) (BW-NE) (RPD-NJ)
 6715 L var. AIR FORCE TWO wkg Andrews (RAL-OH) (BW-NE)
 6715 L 0235 SPAR 60 p/p via Andrews AFB (RJJ-GA)
 6715 L 1344 SAM 27000 wkg Andrews AFB (LSD-NJ)
 6715 L var. TROUT 99/ SAM 31682 wkg Andrews AFB (BLA-PA)
 6715 L 0000 EXECUTIVE ONE (FOXTROT) wkg Andrews (BLA-PA)
 6780 U 1908 SPAR 76 wkg Andrews AFB (CC-DE)
 6780 L 0123 ACROBAT wkg OKLAHOMA (MDC-NY)
 6812 U 1450 SAM 86972 wkg Andrews AFB (RAL-OH)
 7997 U 1620 AIR FORCE TWO wkg Andrews AFB (RAL-OH)
 8101 U 1931 SALTERIC wkg URGENT (CC-DE)
 8101 U 1856 RED HANDED wkg SALI (CC-DE)
 8967 U L 2136 EXECUTIVE ONE FOXTROT p/p SAM CP via Andrews (LSD-NJ)
 8972 U 1200 6 JULIET LIMA wkg SIERRA 4 JULIET GOLF (???)
 8989 U 1448 KING 32 p/p 41st Ops via McClellan AFB (???)

BAD NEWS DEPT.... Joe Delnet received a reply from Norddeich Maritime Coastal Radio, FRG, informing that they WILL NO LONGER VERIFY reception reports!!!! The reason - too many utes have included specific details of the comms they monitored. NOTHING can be stated about what specifically occurred, or what was said, by EITHER side of the comms. To do so, violates ITU regulations. Not only will your report get trashed, it can ultimately lead to what has occurred with Norddeich.

**** Your ute editor has the following lists:

- 9 page Abbreviations & Terminology plus Country Codes (for use with the Speedx utility column....)
- Explanation sheet for the new NUMBERS presentation....
- Either or both can be had in exchange for ONE first class stamp, or one IRC....

**** As I stated last issue, I'd appreciate knowing your age and occupation. This is a survey of ute monitors. No names will be used. In a future column I will run an age/occupation breakdown. Utes are not as weird as some ISWBC buffs believe.....

**** RTTY/CW Computer interface. Dick Hull is having problems with RTTY readout with his Kantronics Radiotap/VIC 20 setup. If any of you can help him out, drop him a note. Address is: Richard Hull, 620 Sheridan Road, Bremerton WA 98310

**** Lyle Taylor wants to trade the 7 volume 1983 FIFPS set Airport/Facility Directory for the current SRGU. His terms are that you pay postage for both. Address: Lyle M. Taylor, PO Box 2024, Rapid City SD 57709

**** Concerning reception reports, use these descriptive words or phrases to denote what your monitored:: working - calling - providing phone patch - V/CQ/QXQX Morse code marker- Voice Marker - Weather Broadcast, and so on.... These will tell the station all they need to know to verify your report. They are descriptive but not specific, & do not violate ITU non-disclosure regulations. Play the QSLing game by the rules, and the station most often will cooperate, and verify.

**** 3rd SRGU installment is in the works.

MC

CONTRIBUTORS LIST:

FEBRUARY 1984

EDITED BY: JOHN TRAUTSCHOLD & THE ALTAIR 8800 COMPUTER
P.O. BOX 861, MEMMONEE FALLS, WI 53051-0861 U.S.A.

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1	ABBATO, FRANK	PA	1	LEITE, STEVE	MA IC-R70
4	ABBOTT, STEVE	IL	4	LEONARD, MICHAEL	ME TS-430S
2	ADAMS, ROBERT	MA R2000	1	LEWALLYN, ROBERT	GA
1	ALEXANDER, BRIAN	PA FRG7700	1	LIEU, ALLEN	CA
1	ALEXANDER, RODNEY	IA IC-R70	4	LORD, EARLE	CA FRG7700
5	BARTO, SAM	CT	3	LUTSKY, LARRY	QU
1	BELGHAUS, FRED	NJ	3	MACGIBBON, BRUCE	OR R1000
3	BERRI, JASON	CA RF2900	2	MAHONEY, MICHAEL	FL SPR4
4	BINGHAM, FRANK	MA R7000	3	MARSHALL, RONALD	AZ
3	BIRON, BERNARD	NH IC72001	2	MARUMO, ATSUSHI	JP R299
1	BLACK, DONALD	NH IC720A	3	MAXFIELD, DAVID	MI NRD505
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3	BLEDSE, GARY	FL DX302	3	MENDEZ, L.M.	NJ R1000
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1	CAMPBELL, BILL	CT R2000	2	MUZYKA, WILLIAM	NY RF4900
1	CAMPBELL, CORNELIA	DE NRD515	3	McCANTS, DONALD	AL RF2200
9	CARD, PETER	RI NRD505	5	MCKEON, THOMAS	IN R1000
1	CEREGHIN, JOHN	MD	1	NEWKIRK, DAVE	WA
1	CHABAK, MIKE	AZ	1	NISHIMURA, TAKANORI	JP
1	CHICKERELL, LARRY	WV DX400	6	NOWICKI, MICHAEL	CA
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1	COLEMAN, ROBERT	MA	4	PARKS, WILLIAM	FL HR600
1	CONSTANTINIDES, C	SA	1	PETTENGILL, ROGER	ME NRD515
1	CONWAY, PETER	UK 51J-4	8	PFEFFER, MORRIS	NY RF2200
6	COUTERMARSH, JIM	VT DX300	5	PRATH, JOHN	FL FRG7700
4	COX, JIM	CA R600	1	RANKIN, ROBERT	KS R7/DR7
3	CUNNINGHAM, LARRY	OH	1	REINECKER, ROBERT	PA
4	D'ANGELO, RICHARD	PA NC190	1	REISS, KEN	ND
1	DAMPIER, PHILLIP	NY DX55	2	RENN, JIMMY	WA DX100
1	DANKO, LARRY	NJ IC-R70	1	RISING, ALLEN	CA IC-R70
1	DEINET, A.J.	NJ NRD515	1	RITT, ARNOLD	VA ICF2001
4	DELK, JOHN	CA DX302	2	ROBERTSON, DAVID	WA
2	DEMMITT, JOHN	PA HOMEBREW	5	ROBINSON, BETSY	TN ICF2001
1	DESROBIERS, BOB	MA	5	SABLE, THOMAS	NY TS-430S
5	DILLON, PETER	PA ZENITH T	3	SAMPSON, DANIEL	WI DX300
1	DRAYE, HANI	SA	1	SATO, HIROMASA	JP RF2200
4	DROLLINGER, RICK	WI	1	SCHLESINGER, MARK	TX
2	DUCOS, PIERRE	FR SAT3400	2	SCHMAUTZ, SCOTT	NY
4	DUNCAN, GREGORY	NC	5	SCHULSINGER, MICHAEL	OH FRG7
1	DURAN, RICHARD	NJ	1	SCHULSINGER, MIKE	OH
6	EVANS, JAMES	TN R2000	1	SEYMOUR, WOODY	NC
3	FAMULARO, RALPH	NJ RF2800	5	SHAMBLIN, BILL	CA RF2200
3	FISHER, ALLEN	NM	1	SHARP, DAVID	FL
1	FISHER, JOHN	MA	2	SHARPE, BRYAN	CA DX302
2	FLEISCHAKER, TED	KY ICF2001	6	SHEEDY, DANIEL	CA
4	FLEMING, TOM	FL TS-430S	3	SHIMADA, SENSHU	JP FRG7700
3	FRASER, BOB	MA XCR-30	1	SMITH, LARRY	MI
2	GAMMIE, CHARLES	MI R1000	5	SMITH, TRAVER	CA NRD505
1	GIBSON, MARJORIE	CA R600	2	SMITH, WOODSON	TN
2	GOLAB, MARC	IL FRG7700	1	SMOTHERS, JACK	CA
2	GRAY, J SPEED	MI	1	SONENSHINE, STEVEN	GA
1	GREENBAUER, DANIEL	AZ RF2800	8	SOOMRE, EDWARD	MA
1	GROCE, LEE	NC ICF2001	1	SPRAKER, DAVID	NY

1	HARRINGTON, ROB	CO	4	STANLEY, TREVOR	AZ	NRD515
1	HARRIS, MIKE	OH DX302	5	STEPHANY, NOLAN	NY	R392
1	HARTUNG, JAMES	MD R7/DR7	2	STINER, ROLAND	NY	FRG7000
4	HENAULT, JOHN	MA DX400	3	STONE, WILFRED	ON	
7	HESCH, RUTH	NY R1000	1	STUTTERHEIM, MARIO	NY	
5	HEVERN, FR VINCENT	NY ICF2001	4	TALBOT, JOE	AB	R1000
2	HITSMAN, KATE	IA	1	TALBOT, LARRY	WI	FRG7
1	HODGSON, CHARLES	SA	1	TATE, HAROLD	WV	
1	HOLBROOK, HANK	MI HQ129	2	TAYLOR, LYLE	SD	FRG7700
5	HOSMER, DONALD	MI R2000	2	THIM, WILLIAM	CT	R1000
3	HOWARD, FORREST	CA IC-R70	6	THOMPSON, PEGGY	CA	
2	HUFFAKER, CARL	MX	3	THUNBERG, BOB	PA	SSR1
1	HULL, RICHARD	WA	3	TIMOFEEV, ALEXANDER	FG	ICF2001
2	JOHNSON, DON	CA	6	TRENT, JOHN	AK	RF2900
3	JOHNSON, FRED	IL RF2200	2	UERLINGS, JAMES	OR	SPR4
2	JOHNSON, MARK	ID DX302	4	ULMER, DOUG	LA	R1000
5	JONES, BRIAN	TX IC-R70	1	VALENTINE, FRANK	CA	
2	JONES, DAVID	VA	1	VAN HORN, GAYLE	TX	RF3100
1	JONES, JACK	MS	1	WALTERS, JOHN	NJ	R-1530
1	KANA, J.P.	GA R390A	1	WARD, BARRY	NE	
1	KANOPKA, LEON	NY IC-R70	4	WEIKEL, FRANK	MI	S-38E
2	KAPINDS, JOHN	MA R2000	1	WELCH, FRANK	MA	ICF6800W
5	KARNS, SHERMAN	OK DX400	3	WHITE, DARREN	MS	
1	KERR, IAN	UK	1	WIEBOLDT, BONNIE	FL	
6	KERRIGAN, PATRICK	IL R1000	2	WILCZEK, BOB	IL	DX160
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1	KRODLAK, EUGENE	MI FRG7700	1	YONEDA, TAKESHI	JP	FRG7700
1	LEARY, ROBERT	OH FRG7700	1	ZILMER, ROBERT	NM	R1000
2	LEEMAN, JOSEF	RI				

THE FOLLOWING COLUMNS DIRECT CONTRIBUTIONS WERE NOT RECEIVED IN TIME:
NONE

THE FOLLOWING COLUMNS ARE INCLUDED FROM LAST MONTHS BULLETIN:
TIPS & TOPICS

ADS.....send ads to David Sharp, 1760? Meadowbridge, Lutz, FL 33549-5576.

FOR SALE: Panasonic RF-4800, good condx, 250.00 includes shipping. Todd Morgan, P.O. Box 1244, Boone, NC 28607.

FOR TRADE: I have a complete set (1983) of Flight Service Station (US) Books titled: Airport/Facility Directory...I want: SPEEDX UTE Guide, up-to-date w/ binder....exc condx only. Lyle Taylor, Box 2024, Rapid City, SD 57709-2024.

FOR SALE: Test models from Larry Magne:

- Grundig Satellit 300, synthesized midsize ac/dc, 265.00
- Grundig Yacht Boy 700, digital midsize ac/dc, 147.00
- Panasonic RF9 w/ warranty, analog mini, 65.00
- Panasonic RF-B50 w/ warranty, analog compact, 89.00
- Panasonic RF-799 w/ warranty, synthesized midsize ac/dc, 159.00
- Silver XF1900, impr. version of DX-360 w/digi fq/clock, 87.00
- Sony ICF 7600D, synthesized compact (same as 2002), 169.00
- Toshiba RP-F11, analog compact, 88.00
- WB-1C Moscow Muffler noise blanker, prem. version w/ac power supply, 117.00
- MFJ 1040 preselector, 49.00...Larry Magne, P.O. Box 428, Penn's Pk, PA 18943

FOR SALE: Little Jem Sony ICF-2002, orig. box, books+ accessories, 195.00. Frank Shoemaker, Box 6432, Syracuse, NY 13217, 315-446-9016.

FOR SALE: NRD-515 and NVA-515 speaker. One yr. old, exc. condx. CW filter option installed. Original packing and instructions. I pay UPS. 925.00. Mike McKinstry, 1326 S. George Mason Dr., Apt. B, Arlington, VA 22204. (703) 486-2765, call after 2200 GMT. No collects.

WANTED: Manual for R-388/URR receiver, or anyone who can send copies at a reasonable price. George Slovinski, P.O. Box 3430, Manhattan Beach, CA 90266. 213-545-5442 evenings.

FOR SALE or TRADE: DX 302, 1 yr old, manual+ box and all accessories, sell for 240.00 postpaid UPS, or trade for Collins R-392 or R-390A, or good RTTY +CW unit. **WANTED:** E.F. Johnson 229-203 adjustable loading coil, will pay any reasonable price. Also, I am interested in beam antennas for 60 meters and SW in general. Contact: Edward Lipman, 340 Riverside Dr #13A, New York, NY 10025, or call: 212-865-8616 anytime.

WE NEED YOU! Yes we do! SPEEDX is strictly a volunteer organization, and without volunteers, we can not survive. For the past year to year and a half, we have been looking for someone to take over our headquarters. Don Johnson has been doing that job now for many years (I'll guess eight Don?) and he really needs to pass it on to someone else. We had a possibility, but the person, who was well qualified for the job, had to decline do to personal reasons, which were quite valid. We still need someone. We are looking for a person, either retired or handicapped, or someone with at least 10 hours a week available, to run HQ. You need to handle money, subscriptions, dealings with the publisher, etc. Don J. can explain the job in more detail to you, so write to him if you are interested. We are not looking for students or people with young families, because I guarantee you you will not have enough time. With an organization the size of SPEEDX (about 1200 members) there must be someone who can do this job. We promise you will not be stuck with it forever, however 5 years would be great.

PUBLISHER: We are still looking for someone to take over the publishing chores. My time is getting more and more limited each month. I am still living in Chicago during the week and coming home to Milwaukee on weekends. My family needs me too, in addition to SPEEDX. I've been publishing now for close to 5 years so my time is just about up in any case. I too have been involved with SPEEDX for close to 10 years in one capacity or another, as Don J. has been. The publishing job is not quite as time demanding as HQ is, but you will need to set aside quite a few hours towards the end of the month to get the job done. Again, you need some artistic ability (and I use that term loosely as I have very little!) and the ability to get around easily...to get to a printer and a P.O. for mailing. You will also be doing other types of printing during the month, usually for HQ's purposes, but you might be able to work this out with Don or hopefully the new HQ person. You need to be very reliable because the publishers job is probably one of the most visible jobs the club has. In other words, if the bulletin is late, everyone knows about it! Even editing is not as visible because if the bulletin doesn't make it to press, the words typed by the editors have no meaning. You also need to be able to type somewhat, and need to have a decent (carbon ribbon) typewriter available to you.

EDITORS: We have been trying to expand the bulletin but are running into a problem getting editors. Most of the editors we had lined up for new expanded columns have been used to replace editors who quit. We also need people interested in editing the current columns, in case a replacement is needed for an editor. You can write to me or our current Managing Editor, Rick Drollinger, at the P.O. Box 861 address at the head of the Contributors List. There are benefits in being an editor or holding any of these staff positions, as far as that goes. So, write to us TODAY if you are interested. The biggest and best benefit, as I see it, is the chance to work for the finest SW and UTE club around, SPEEDX, and the recognition you will receive from having your work published in our magazine. We have 1200 members out there who need you. Radio stations that receive our bulletin need you. We all need you, so please write today.

SCADS: *Southern California Area DXers* has a very interesting program scheduled for the 10th Anniversary gathering of SCADS on February 18, 1984 at Mercury Savings and Loan, Mercury Room, 4140 Long Beach Blvd., at Carson, Long Beach, CA. The scheduled guest speaker is Ray Briem or the Ray Briem radio show which is aired over the ABC Nationwide Radio Network. Grant Manning of Radio West will be there with his top technician to display the latest equipment and his new satellite dish. "This is London", a BBC film will be shown, plus some valuable door prizes will make this a great event. Mark this as a must on your calendar. (Verlin Shinn-CA)

PROBLEMS: Well, we are making it to press, but not without difficulty which is why we are late this month. Again, the lateness is due to my traveling during the week to work in Chicago more than anything else. In addition, two, count 'em, two memory boards failed last weekend on me in the computer, so things were a bit tight trying to get the Contributors List out. I fixed one of the boards in Chicago this past week, but still need to work on the other one. Hopefully we will get the address labels printed out ok. In closing, please re-read the above paragraphs on the help that your club needs right now. SPEEDX is not about to go under by any means, but we certainly could use your help. Volunteering is a hard thing for many of us to do, but please consider it over the next few weeks. Take a good look at yourself and ask, is there anyway that I can help out? Well, I'm not sure, but I'll write to Don or John or Rick anyway, tell them what I am qualified to do, and see what happens!! I guarantee you won't regret it. SPEEDX is made up of a good group of people, which is why we have always been as successful as we have been! We are a Society to Preserve our hobby of DXing. But the club can only be preserved with your help. So please, write today. We do NEED YOU!!!

THE OFFICIAL DX MAGAZINE PUBLISHED MONTHLY BY SPEEDX

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(MAKE ALL MONIES PAYABLE TO SPEEDX IN US FUNDS...)

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INDEX

SPEEDX SPOTLIGHTS.....	DAVID SHARP	2
DX MONTAGE.....	DAVID SHARP	3
TIPS & TOPICS.....	ART GETZEL	6
PROGRAM PANORAMA.....	WOODY SEYMOUR	12
STATION SKEDS.....	CHRIS LOBDELL	14
SWBC WESTERN HEMISPHERE.....	JOHN CEREGHIN	17
EUROPE.....	DANIEL SAMPSON	24
AFRICA.....	MARK KOUKOL	30
ASIA / OCEANIA.....	BOB THUNBERG	36
QSL REPORTS.....	LEON KANOPKA	42
UTILITY SCENE.....	MIKE CHABAK	48
CONTRIBUTORS LIST.....	JOHN TRAUTSCHOLD	57
WE NEED YOU INFORMATION.....	JOHN TRAUTSCHOLD	59

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