

# SPEEDX

**SPEEDX**

the dx radio magazine  
for active shortwave listeners



**MERRY CHRISTMAS!**

DECEMBER 1982

VOL 12 NO 12



# KEYNOTES

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

Edited by:  
KEN EATON  
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Milwaukee, WI 53224  
U.S.A.

XX

SIX MORE TO THE FORE -- SPEEDXERS, THAT IS!

- |                                  |                             |  |
|----------------------------------|-----------------------------|--|
| STEVEN BEILKE<br>Kansas City, MO | DAN HALBERT<br>Berkeley, CA | MICHAEL MOORE<br>El Paso, TX           |
| JEFF GREENWALD<br>Lingle, WY     | BOB KIVELL<br>Hobbs, NM     | MICHAEL SCHULSINGER<br>Springfield, OH |

To the six who made it this month, a deep salaam and sundry signs of obeisance. Congratulations on earning Full Membership in this, the Rolls Royce of DX/SWL clubs. Hang that handsome Full Membership Certificate on the wall, study your personal copy of the SPEEDX Constitution, and resume the submission of those Reports that will maintain your status in SPEEDX. Do remember that your Reports help the membership further enjoy the hobby.

SPEEDX WELCOMES 44 FINE NEW MEMBERS!

- |                                       |  |                                   |
|---------------------------------------|--|-----------------------------------|
| JEFF WEINBRUM<br>Brooklyn, NY         | STEPHEN WOOD<br>Windsor, CT            | JAMES GIEGER<br>Huntsville, AL    |
| R. WAYNE AYERS<br>Euclid, OH          | JAY ADAMS<br>Cambridge, MA             | JOHN MC GEE<br>Rome, NY           |
| LOHR MC KINSTRY<br>Bloomsburg, PA     | W. CHARLES ALEXANDER<br>Grove City, OH | MICHAEL WESTFALL<br>Rialto, CA    |
| JOHN O'LOUGHLIN<br>Wichita, KS        | GLEN BARNETT<br>Cypress, CA            | LESLIE BYRON<br>Philadelphia, PA  |
| KEITH THIBODEAUX<br>Baton Rouge, LA   | JAMES HEIDORN<br>San Luis Obispo, CA   | THOM HOLLERAN<br>Niantic, CT      |
| JAMES MITCHAM<br>Charleston, ME       | ROBERT BROCAR<br>New Haven, CT         | JOSEPH CALHOUN<br>Lincoln, NE     |
| HIROKAZU KOIZUMI<br>Tokyo, Japan      | DANIEL TURKISHER<br>Raymore, MO        | HARVIE PHILLIPS<br>Washington, DC |
| RAY STEEN<br>Seattle, WA              | JOHN ROSS<br>Verona, PA                | DAVID DAIIAPE<br>Dearborn, MI     |
| GILBERTO GOMEZ<br>St. Louis, MO       | WILLIAM HUGHES<br>Lake Ronkonkoma, NY  | DAVID HUBBARD<br>Huron, OH        |
| YONAH FORTNER<br>Northridge, CA       | FRED KOHLBRENNER<br>Upper Darby, PA    | RAPHAEL POLLOCK<br>Houston, TX    |
| TERRANCE PROVANCE<br>Zanesville, OH   | SAM BARTO<br>Bristol, CT               | MARK GORDON<br>San Francisco, CA  |
| JACK THORPE<br>Gross Pointe Woods, MI | FRED QUINN<br>Forest Lake, MN          | ALFRED SPREMO<br>New York, NY     |
| THOMAS BROOKS<br>Kenner, LA           | TOM SVANOE<br>Margate, FL              | SCOTT YOST<br>Kalkaska, MI        |
| LEOPOLD BOSCHENINEN<br>Yonkers, NY    | LARRY YAMRON<br>Pittsburgh, PA         | TERRY ZELASKO<br>Lansing, IL      |
| GARY BALEN<br>Los Angeles, CA         | JOHN FISCHER JR<br>Glenolden, PA       |                                   |

OK, you Fine 44, you're off and underway. Full Membership may be nearer than you think! All you have to do (it's all spelled out in your Membership Kit) is send in your loggings, station skeds, QSL reports, and items of interest to your fellow SPEEDXers. At the top of each column is the name and address of its Editor who must have your reports in hand by the 12th of the month. Or send everything to the Central Distribution Editor, Peggy Thompson, 2706 Alabama St., La Crescenta, CA 91214, by the 7th.

## 'NATIONAL UNION OF RADIO DXERS' SETS OUT NEW 'WELCOME' MAT

Out where "the buffalo roam" there's a new "brand" -- NURDX -- and you can wear it, if you wanna. The National Union of Radio DXers welcomes all SW-DXers and SWLs in the world, according to Pres. Fred Cosell. The "Union" published as offset monthly bulletin offering SW news and logging lists. For a sample copy of, "INFORM DX", and general information, write to NURDXERS, c/o Fred Cosell, President, 125 Maple Leaf Blvd., Billings, MT 59247 USA, and enclose an SASE. Fred didn't say what to do if you don't live in the States, but we'd guess you should send an IRC or two. SPEEDX wishes good luck to this new DX club--there's room for all of us.

## CALL 'EM TUBES OR VALVES, HERE'S WHERE YOU CAN GET OLD ONES

Yes, some folks actually answer requests for information, among them John Williams of Bloomington, MN. Here are some addresses for those of you who have to fire up early to achieve stability: Steinmetz, 7519 Maplewood, Hamond, IN 46324; Vacume Tubes, P.O. Box 13271, Tucson, AZ 85732; Cornell, 4213 University, San Diego, CA 92105; Transleteronic Inc., 1365 39th St., Brooklyn, NY 11218; and ETCO Electronics, Plattsburgh, NY 12901. John says that for the "oldies" the best sources are Steinmetz (they'd appreciate a stamp), and Vacume Tubes (which wants a buck).

## CANADIAN SPEEDXERS CAN SAVE ON '83 WRTH, TOO

A note from Don Moman, Exec. Sec. of CIDX, points out that the Club can furnish the World Radio TV Handbook at a reduced price in Canada. In Canadian dollars, it's \$20 via 4th class mail or \$22 via first class. Make checks or money orders out to CIDX, 6815-12 Ave, Edmonton, Alberta, 16K 3J6. For an extra buck, you can get Special Delivery. Be sure your letter is postmarked no later than Dec. 15, 1982. Otherwise, no deal. As stated in the October SPEEDX, US-types (Yankees, that is), should order through Don Erickson, 1059 Essex St., Riverside CA 92504-1599. Write him with an SASE for details -- and do it soon! Say you saw it in SPEEDX!

## THREE NEW WYFR TRANSMITTERS READY BY END OF '84

WYFR is building three new 100 KW transmitters on their Florida site, says Rob Harrington, CO. The first is due to hit the air in March of '84, the second in May and the third in July of that year. All three are Continentals with one targeted on NA and the others yet to be decided. WYFR is planning a second service to Eastern Canada, according to Rob's phone chat with the station.

## RADIO BRAS AIRS EE TO EUROPE ON NEW FREQ

Radio Nacional Do Brasil is transmitting its English program to Europe at 1800 GMT on 15.435 MHz on an experimental basis. That's the word received by Eric Bartsch, MN. The station would like Reception Reports on these bcsts from those who catch them. How else could they know is their experiment works? You catch 'em, you write 'em. Especially European DXers.

## R NEDERLANDS ASKS HELP IN MAKING 'THE EXTRAS LIST'

RN's Media Network wants listeners' reactions to the "add-on" equipment now being marketed. If you have an antenna tuner, pre-selector, Q-multiplier, communications headphones, active antenna, active audio processor, or the like, drop the folks at Hilversum a line asking for an Accessory Questionnaire. They'll combine listener feedback with their own tests to produce The Extras List. When you write them, you might ask for one of their free booklets: 1-Receiver Shopping List, 2-Booklist, 3-Give Your Antenna Some Air, 4-Writing Useful Reception Reports, 5-Latin American DXing, 6-DXing Indonesia, 7-Medium Wave What Now?, 8-This is DXing, 9-Receiver File List, and/or 11-RTTY and VLF. Send your letter to: Media Network, English Section, Radio Nederlands Wereldomroep, P.O. Box 222, 1200 JG Hilversum, Holland. (And our thanks to Gayle Van Horn for the above information.)

## ATTENTION, PENNANT BUFFS! HIGH-BID A PENNANT & HELP HAP, TOO!

SPEEDXer Steve Leite has collected so many pennants that he's wound up with 30 duplicates. He's ready to sell them to the highest bidder--and to split the "take" with HAP. He sent us the complete list but this is a bad month for "Keynotes" -- we're down to two pages. We suggest that you write to Steve at 895 Bedford St., Fall River, MA 02723 (enclosing an SASE) and ask him what he has to offer. Of the 30, he lists 23 as "mint condition" and all the rest as "very good". You can call him at (617) 675-2830. But no collect calls, please!

That's all for now *73, Steve*



**HAP-USA**  
ROUTE 4 - BOX 32  
ROLLA, MO  
65401

# HAP-PENINGS

VOLUME X

NUMBER 4

DECEMBER 1982

**NEW MEMBERS!** For the benefit of those who do not receive the regular HAP-penings, here are the new members since August. We have five to add up to November 1.

Miss Vernelle Smith	HAP-296	Omaha, NE	August 27, 1982
Mary Balcerowski	HAP-297	Hartford, CT	September 16, 1982

Vernelle has been in scanner listening and CB for 14 years. Mary is relatively new to shortwave listening, having been in scanner and SWling for only about a year.

Mrs. Bernice Clark	HAP-298	Reseda, CA	October 23, 1982
Edward Capen	HAP-299	Lynbrook, NY	October 23, 1982
William P. Feaster, Jr.	HAP-300	Carlisle, SC	October 29, 1982

In addition to her recent interest in shortwave listening, Bernice is into CB radio, Toastmasters, traveling and music. Ed Capen has been in SWling for about 2 years. Bill Feaster, also relatively new to shortwave listening (one year) uses a Panasonic with an outdoor 50-foot horizontal antenna. We welcome these new ones into the HAP-USA with pleasure, and hope to be of service to you all.

Some may notice that we have issued HAP number 300. That doesn't mean we have 300 members. Actually, we are somewhere between 225 and 230. I think that two HAPIes died recently, but this can't be verified because the mail is just returned. We also went through the files and re-used some numbers we were certain had either passed away, were in foreign HAP clubs, or had indicated they no longer were interested in shortwave listening. So, the precise number of active HAPIes will never be known. The mailing list gets revised regularly.

**HAP-PENINGS ON CASSETTE!** The excitement [and extra work] around HAP-USA these days is that the monthly newsletter of the Handicapped Aid Program, the centerfold of the ANARC Newsletter, is now being mailed to all blind HAPIes on cassette each month. About 57% of our membership are blind, so this is a major operation. I didn't make an exact count, but for October, 121 cassettes, and over 110 for November, were sent out. Most of the October cassettes have come back and are ready for the Dec. issue.

The local Sheltered Workshop made up the cardboard cassette mailers for less cost than they could be purchased, and "yours truly" did the recording. A few glitches in the operation appeared, but most of them have been fixed. The big problem is how long the cassette duplicator will hold out! The returnable mailers and the mailing has had another spin-off. We have been able to get address changes for those HAPIes that have moved. The forwarding information put on the mailers by the Postal Service appears attached to the inside flap of the mailer when it is returned to HAP-USA headquarters. Keeping up with HAPIes who move and forget to notify HAP-USA has been a problem.

A considerable number of favorable comments on the new service have been received. Many have responded to the invitation to record their comments or life story on the cassette before they return it. It looks like we may develop a real dialogue between HAP-USA and the HAPIe membership that are blind. I wish the Postal Service would let us do the same for all the HAPIes. However, the rest will continue to receive, gratis, the regular ANARC Newsletter with HAP-penings as the centerfold.

While on the subject of the ANARC Newsletter, it should be mentioned that HAP-USA includes other HAP organizations, worldwide, on its mailing list for the ANARC Newsletter, along with several domestic and foreign broadcasters who help out the HAP-USA cause. Some club mailings are also made. If the recipient pays his own way, or ANARC chooses the courtesy, HAP-USA is not billed. Just an item unknown by many.

I wish this page was twice as long as there are a lot of very nice people out there who have been helping HAP-USA, and they should be recognized and thanked. Maybe next time. Meanwhile, Merry Xmas and have fun! Thanks for the Christmas Tree. Look for your name! Cheerio from HAP-USA, and Al Schwaneke. BCNU.

# PROGRAM

DECEMBER 1982

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

# PANORAMA

AUSTRALIA...SPECTRUM is now a weekly program on Radio Australia. Dick Speakman has made remarkable progress in convincing the hierarchy of RA that this type of program is both needed and appreciated. Tune in Sun 0612, 0810, 1612, 2112 and Mon 0330 UTC over Radio Australia's regular frequencies.....RA recently moved into its new building at 699 Highbury Road, East Burwood, Victoria. The new facilities are located approximately 15 miles from the center of Melbourne. (Direct, with comments by WS).....VLW9 in Perth on 9610 kHz offers a glimpse into the world of domestic radio, Australian-style. There's good reception on the East Coast between 1000 and 1600 UTC. (WS)



CANADA...Radio Canada International has just published their new program schedule. In a departure from recent schedules, the new one is in the form of a blue booklet. It is available from RCI, P.O. Box 6000, Montreal, Quebec H3C 3A8.....SWL DIGEST with Ian McFarland can be heard to Africa Sat @ 2130 UTC; to Europe Sun @ 1900 UTC; to North America Mon 0100 & 0400 UTC. In each transmission, this program for SWLers and DXers is the final feature. (Thanks to Michael Hamer, MN)

CZECHOSLOVAKIA...(via Don Hosmer, MI)"While Radio Prague's editorial comment concentrates mainly on international problems, the Czechoslovakia scene is covered in a wide range of weekly and bi-weekly features. Their list alone indicates the breadth of this coverage: INTRODUCING CZECHOSLOVAKIA, CZECHOSLOVAK AGRICULTURE, ROUND-ABOUT CZECHOSLOVAKIA, THE ROVING REPORTER, CZECHOSLOVAKIA AT WORK AND LEISURE, SCIENCE AND TECHNOLOGY, CZECHOSLOVAK ECONOMY, HEALTH AND MEDICINE IN CZECHOSLOVAKIA, WOMEN'S CORNER, THE ARTS IN CZECHOSLOVAKIA, YOUTH MAGAZINE...Then there are the popular listener participation features, including MEETING THE PEOPLE(an interview program) and JOIN GEORGE, a weekly pop music show with prizes each week. STAMP CORNER, MAILBAG and DX CHAT are other programs in the listener participation area." Radio Prague broadcasts in English to North America daily at 0100 and 0300 UTC in the 49, 41, 31 & 25 meter bands.

ECUADOR...We failed to mention last month that Clayton Howard has returned as host of the DX PARTY LINE on HCJB. Roger Stubbe, the former host, will continue to provide special features for the program...The alternative program for North America in English is heard daily from 0030 to 0130 UTC on the new 15175 kHz...PERSPECTIVES is a program on astronomy that replaced THE WORLD OF SCIENCE. Tune in at 0345 UTC Wed, Sat 0600 UTC and Sun 0130 UTC...Another new HCJB program is VARIATIONS ON THE THEME, heard several times during the week. (Don McCants, AL)

EGYPT...Radio Cairo broadcasts to Europe in English daily from 2115 to 2245 UTC on 9805 kHz. Each transmission opens with NEWS HEADLINES, ORIENTAL MUSIC and FROM THE EGYPTIAN PRESS. Then you can hear until NEWS at 2130 UTC Mon SPORT REPORT Tue HERE AND THERE Wed QUIZ TIME(Part I) Thu POLITICAL TALK Fri ISLAMIC PAGES Sat POLITICAL ENCYCLOPEDIA Sun CULTURAL TALK; after the NEWS, you can hear the following feature programs, beginning at 2140 UTC: Mon FOCUS, ARABIC SONG, THIS IS ISLAM, SONGS AND MUSIC, TOURISM IN EGYPT, FAVOURITE MELODIES; Tue SPOTLIGHT ON THE MIDDLE EAST, ARABIC SONG, CAIRO MAGAZINE, THE PROPHET SAID, GREATEST HITS; Wed EGYPT AND THE PALESTINE CAUSE, ARABIC SONG, LISTENERS REQUEST, QUIZ TIME(Part II), EGYPTIAN SHORT STORY, MUSIC AROUND THE WORLD; Thu COMMENTARY, ARABIC SONG, DIALOGUE FOR PEACE, EGYPTIAN MUSEUMS, SCIENCE IN EGYPT, A THEME IN SONGS; Fri POINT OF VIEW, ARABIC SONG, LISTENERS CLUB, EGYPTIAN CIVILIZATION, DOWN MEMORY LANE; con't

EGYPT(Con't)...Sat EGYPTIAN PUBLIC OPINION, ARABIC SONG, STAMP COLLECTORS CLUB, MEETING IN CAIRO, IN SEARCH OF EGYPTIAN MUSIC; Sun COMMENTARY, ARABIC SONG, WITH THE LISTENERS, PHARAONIC TREASURES IN WORLD MUSEUMS, ALBUM REVIEW. Each transmission ends with NEWS HEADLINES at 2241 and ORIENTAL MUSIC at 2243 UTC. (Chris Stark, NB)

KUWAIT...Radio Kuwait has two English transmissions daily. The Evening Transmission is heard from 1800 to 2100 UTC on 11675 kHz. After the transmission opens, music is heard until the 1830 NEWS---SONGS & MUSIC is on Sun, Mon, Tue, Fri; THE YOUNG SOUND, Sat; IN THE LATIN MOOD, Wed; POP SCENE, Thu. At 1845, SONGS & MUSIC can be heard except Sun & Wed, when SPORTS ROUNDUP is scheduled. 1900 UTC: Sat KUWAIT IN A WEEK; Sun SONGS & MUSIC; Mon FACTS ABOUT ZIONISM; Tue THE HOLY PROPHECY; Wed ARAB CULTURE IN A WEEK; Thu UNDERSTANDING THE QURAN; Fri THE FRIDAY REQUEST(to 2000 UTC). 1915 UTC: Sat THE AFRO-AMERICAN BEAT; Sun IN THE FRENCH MOOD; Mon MAGAZINE SPECIAL; Tue DISCO SMASHERS; Wed MUSICAL BIOGRAPHIES; Thu SOUNDS OF THE '80s; Fri THE FRIDAY REQUEST continues. 1945 UTC: ISLAMIC THEOLOGY daily except Fri, when THE FRIDAY REQUEST continues. 2000 UTC: Sat STRICTLY ROMANTIC; Sun POP SESSION SPECIAL(untill 2100); Mon PELL MELL(untill 2100); Tue MUSIC WITH A THEME; Wed SOUNDS UNLIMITED; Thu THE WAY YOU LIKE IT; Fri THE MAKING OF ISLAM & DAILY SERIAL. 2030 UTC: Sat LISTENERS DIGEST; Sun POP SESSION SPECIAL continues; Mon PELL MELL continues; Tue NIGHT FLIGHT; Wed THAT'S ENTERTAINMENT; Thu MUSICAL ENCYCLOPEDIA; Fri JAZZ SPECTRUM. At 2100 UTC, the station closes down. (Chris Stark, NB)

NETHERLANDS...On Radio Nederland's HAPPY STATION show of October 10, Tom Meyer said that starting in 1983 HEY LISTEN will be on monthly. He also said that he will answer listener questions on this program if they are of Dutch nature. (Kraig W. Krist, VA)

NORWAY...Radio Norway broadcasts in English on Sun only, at the following hours UTC: 1000, 1300, 1400, 1600, 1700, 1900, 2000, 2300; also Mon 0000, 0400, 0500. The new schedule has information on the new 500 kW transmitters now in use. Write to Radio Norway International in Oslo to receive your free copy of this colorful pamphlet.

POLAND...Radio Polonia broadcasts three one-hour programs RADIO POLONIA in English and Polish to North America daily: at 1130 UTC, on 17865, 11840 and 9525; at 0200 and 0300 UTC on 15120, 11815, 9525, 6135 and 6095 kHz. The broadcasts include such regular features as news bulletins, commentaries and reports on the developments in Poland as they occur, on Poland's stance on international matters, cultural programs, mail bag sessions, Polish on the Air lessons and programs for DXers. (Thanks to Loren J. Thompson, IL)

UNITED KINGDOM...On December 19, 1932 at 0930 GMT, the BBC Empire Service, forerunner of today's World Service, went on the air for

**BBC** the first time. This month, the BBCWS presents a series of special programs to mark its 50th anniversary. VOICES OUT OF THE AIR is a two part look at the history of the BBC's External Services. Tune in on the 12th & 19th @ 1830, the 13th & 20th @ 1345 and the 17th & 24th at 0230 UTC.....50 NOT OUT is a behind the scenes look at Bush House with Gordon Clyde on the 24th @ 1645 & 2315, on the 25th @ 1245 and on the 28th @ 0545 UTC.....OUTLOOK JUBILEE EDITION takes listeners on a rare guided tour of Bush House on the 17th @ 1515 & 1900, on the 18th @ 0115 UTC.....Special Christmas programming includes: FESTIVAL OF NINE LESSONS AND CAROLS from King's College, Cambridge on the 24th @ 1502, 25th @ 0030, 0935 UTC.....THE QUEEN'S CHRISTMAS BROADCAST can be heard on Christmas Day at 0930, 1500 and 2245 UTC....  
...SING A SONG OF CHRISTMAS is a program of music from around the world by Melanie Harrold on the 25th @ 0530, 0915 and 1745 UTC... WISE MEN FROM THE EAST features Pauline Webb as she talks with three wise men she met during a recent journey to Tokyo, Hong Kong and Taiwan. They share their thoughts on what the coming of Jesus means from those living in contemporary Asia. Listen on the 24th @ 2209, repeated 25th @ 0315, 0715, 1645 UTC. (London Calling, December 1982)

HAVE A GOOD HOLIDAY SEASON...SEE YOU IN 1983! w/s WOODY 11/19/82



# TECHNICAL TOPICS

Editor

## SANDY BLAIZE

AVC	SSB
AGC	LSB
GAIN	FADE
TUNER	NOISE
IMAGE	Smeter

Send Technical Questions & Technical Material To: ➡

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

SINCLAIR ZX-81/TIMEX-SINCLAIR 1000 CW receiving interface modules, kits or bare boards and software now available from: C. Nunnery, 313 Vaughn St., Ft. Walton Beach, FL., 32548. Module simply plugs into the back of your Sinclair. Hookup receiver audio to the module via a 1/8" miniature phone plug and you are in business. (After you load the program of course!!) The "reader" program gives half a screen full of copy then SCROLLS upwards as the bottom line fills up. The software is very easily modified with three POKE steps for the newer 2K RAM machines so that you get a whole screen full of copy before it begins to scroll. Write to address above for prices and additional information.

Whilst on the subject of Sinclairs, hardware (interface/UART module) and software are being developed at present for the ZX-81/TS-1000. Prices and availability to be announced as soon as development and prototypes are fully tested and proven. Watch this column for further details.

NEW RECEIVER information constantly appearing in the monthly bulletin of The International DXers Club of San Diego, 1826 Cypress St., San Diego, CA. 92154. Write to Larry and enclose \$1 for a sample bulletin. Try it you might like it!!

SPEEDXer Leon Kanopka, Jr. came up with an interesting modification for the Panasonic RF-085 receiver. Leon adds a vernier dial to the tuning shaft to reduce the drive ratio to 8:1. (A great help if you are not so slight of hand!!!) Leon says the modification is fairly simple and parts cost only \$5 or so. For more details drop him a line at: 139-37 254th St., Rosedale, NY 11422. (Please send an S.A.S.E. with your request!)

DX-300- DX302 RADIO SHACK RECEIVERS: Several readers have written in requesting improvement modifications for the DX-300/302 series. If you own one of these and have discovered a cure for some problem, or have a pet change to "soup up" the set, please send it in. We will try and have a "digest" of this information one issue next year. If you have, in fact, information on ANY receiver, send the info in. "Review" type articles should be sent to Tips and Topics via Art Getzel (address in Art's section!)

LETTERS and information scanty this month. I must apologise for the missing column last month. This could not be avoided due to the work schedule, out of town trips etc. This does happen from time to time and I try and keep "missing columns" down to a minimum!! Why does the Editor of Technical Topics wait so late to send in the column you ask? For LACK of INPUT!! As I have repeated in the past, your input is valuable!! You may not see in print what your letter was about, but it may spark another idea lying dormant in your editor's "memory banks". We sincerely request YOUR letters and ideas. Now, if you require a personal answer to your question, PLEASE send either an S.A.S.E. OR two 20¢ stamps. Overseas readers please NO IRC's. Send enough stamps from your country to cover Airmail post for 1 ounce overseas. (I collect stamps. This will be cheaper for you and we can avoid paying the Postal Union their "cut"!!)

UTILITIES Editor Mike Chabak is looking for an assistant Editor to take over for a few months, so he can complete work on the new SPEEDX "SRUG" (Utility Guide) If you are interested in UTE DXing and can type PLEASE contact Mike.

MERRY CHRISTMAS AND HAPPY NEW YEAR TO ALL!! It has been a hectic year here! Pray there will be a Christmas next year, with all the anti-Christian actions going on around the world and this country. Until 1983...73 and DX!!

*Sandy* - WSTVW - 7



## SPEEDX Western Hemisphere

**EDITOR: Chris Hansen**

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PHONE: (212) 549-6613 2330-0430 WEEKDAYS

ALL DAY WEEKENDS

**Deadline: 12th**

All times and dates UTC, All fqys in kHz

DECEMBER 1982

I HOPE EVERYONE WILL TAKE NOTE THAT MY MAILING ADDRESS HAS CHANGED. Because of my conviction that the U.S.P.S. has forgotten about the Bronx, I have taken a Post Office Box in Manhattan. My hope is that the mail will get to me a day or so faster than it does here in the Bronx. My residence address has not changed.

RALF MUNSTER of GA has some tips on how to recognize the Montserrat DW Relay station, and differentiate it from the Antigua station, since they both ID as "Caribbean Relay Station." (1) Montserrat always comes in weaker than Antigua (which is at this time on 6040), generally by about 30 dB, (2) its ID is not given by the same engineer as the one at Antigua; whereas the Antigua engineer has a distinctly Germanic accent, the one from Montserrat has something of a French accent, (3) they play their frequency announcement tapes out of phase. Very interesting, Ralf.

I WOULD LIKE TO WELCOME ALL NEW REPORTERS to this column, but especially SPEEDXer Bill Sparks of California, who sends in very useful information to other clubs, and now to SPEEDX. I do hope that all new reporters, and especially Bill, get in the habit of reporting to SPEEDX monthly.

JUST A TIP FOR ANYONE WHO IS PLANNING TO PURCHASE any Sony radio -- do yourself a favor and buy the AC adapter with it. The Radio Shack "universal" adapter, for example, was the one I purchased, trying to save a few bucks. (I was buying on the "gray" market). The RS adapter put a hideous hum on the AM bands of the ICF-2001. I then had to shell out some more for the "real" Sony adapter. For those who don't want to pay list price (and therefore buy from such outlets as '47th Street Photo' in New York), remember that you'll pay twice if you don't buy the adapter for that particular radio. By the way, the universal truth of Murphy's Law of Retailing was proven in my case. I bought a 2001 for \$165.00; two months later, the price is about \$154.00 and dropping. What is Murphy's Law of Retailing, you ask? "No matter how long or hard you shop for an item, after you've bought it, it will be on sale somewhere cheaper." Oh well.

I suppose I should begin the column proper, so, remembering that all loggings without a language designation were reported as being heard in Spanish (or in Portuguese if the logging was of a Brazilian station), I present...

### ARGENTINA

- 5882 2357 R. Rivadavia, lots of ads, pips on hour (over an ad), 0004 nx w/ OM ancr, are they SW outlet of 630 kHz Argentine? (No, probably just SW feeder to xmtr. ch) (344; 10/4. Wilczek, IL)
- 6060 0450 Radio Nacional, LAm mx, no clear ID heard on this; (544; 11/3. Johnson, ID)
- 6160 1000 R. Malargüe, opening ID by YL, weak but clear cover string mx, several other mentions of Malargüe during opening anmt, then into string mx, but soon lost signal due to noise and QRM from a modulated CW station on the same fqy. Not enough copy for a report; noted again on 11/1 @1000 s/on; opening ID by YL easy to read but signal dropped down into the slop very soon (10/31; Sparks, CA)
- 6179 0745 R. Nacional Mendoza, LAm pops, w/ OM ID @0745/0803. Heavily hetted at times (343; 10/18. Schlesinger, TX)
- 9690 0102 RAE, EE, "Our Malvinas" px (A Puerto Rican comic had the perfect solution to the British/Argentine war: "To end the war, we should give the Malvinas to the Argentines, and, of course, we can then award the Falklands to Britain." ch)(443; 10/14. Famularo, CA)(0430; 433; 9/14. Hahn, CA)
- 11710 0104 RAE, EE, YL nx, classical mx, ID, px about gauchos (I've heard of him. Wasn't he Chico's brother? ch)(333; 11/3. Ray, PA)

### SOUTH AMERICA



B O L I V I A /

- 4696t 0225 R. Riberalta, mostly ballads, hosted by OM w/ no IDs noted, same QSB (fr/pr; 10/12. Parks, FL)
- 4711 0215 R. Abaroa, campesino mx hosted by OM DJ w/ lots of chatter, ID @0235, back here from 4730; (gd; 11/1. Parks, FL)
- 4729t 1025 R. Abaroa, occasionally sneaking in w/ OM tlc, local mx, QRNed by every electric appliance in the world (no lt wasn't! My heating pad was off. ch)(241;10/19. Schlesinger, TX)
- 4945 0051 R. Illiman, mx and history, ID and into nx @0057; Colossal off @0400 check; (443; 10/21. Huffaker, MEXICO)
- 5974 1005 R. Nacional Cochabamba, finally decent copy on 10/20 @1005 s/on w/ guitar mx; opening ID by man, then SS balada w/ guitar. Another ID and long ad string @1025 including Inca Cola (Sparks, CA)
- 6025 0113 R. Illiman, Segments of a speech, interrupted by applause, //4945 was poor; (333;??; Moman, AB)

B R A Z I L /

- 2490 0022 R. Educ. Rural, EZL instrumental mx, into tlc px w/ YL past 0030; weak, but not much QRM (Was there an ID? ch)(242; 10/17. Schlesinger, TX) Wilczek, IL)
- 3205 2319 R. Ribeirão Preto, OM/YL tlc w/ occasional mx, QRM from SSB tlc, (222; 10/5./
- 3225 0919 Lins Radio Clube, OM DJing Brasopops, amid much thunderstorm QRN, and incredible fading (442; 10/7. Schlesinger, TX)
- 3235 0043 R. Clube de Marília, usual Brazilian pops w/ lots of DJ chatter, ments of Marília between records. Clear fcy but some T-storm QRN (fr;10/24. Parks, FL)
- 3375 0928 R. Nacional São Gabriel, on 10/30 with a program of pop ballads by small group w/ long chatty conversations between YL/OM between each selection. Full ID @1000, nice clear signal, excellent copy (Sparks, CA)
- 4805 0921 R.dif. de Amazonas, 0921 ID/fqys, 0922-43 religious px w/ OM, followed by pop tunes (333; 10/25. Wilkins, CO)(0931; 243; 10/15. Schlesinger, TX)
- 4815 0225 R. Nacional de Tabatingá, U.S. EZL and Brazilian pops hosted by YL, ID by OM @0302, Guatapuri off air; (gd; 10/12. Parks, FL)(1004; Brazilian mx which sounded a bit like PP CW), ID: "R. Nacional de Tabatinga, onda nacional 670 kHz, onda tropical 4815 kHz, um emisoras Radiobrás," 444; 10/15. Huffaker, MEXICO) Ray, PA)
- 4855 2326 R. Por Mundo Melhor, Brazilian mx, amts by OM, ID @2331; (343; 10/20. /
- 4885 0815 R. Clube do Pará, Brazilian mx, block of ads and ID @0830, TC 0835; (343; 10/15. Huffaker, MEXICO)
- 4895 0248 R. Baré, OM/YL tlc (many mentions of Brazil), over instrumental mx, 0255 guitar/vocal, 0259 OM w/ long string of radio IDs, (323; 10/31. Thompson, CA)
- 4925 0846 R. Dragão do Mar, occasional Brasopops tucked in among the ads, fading away by 0900; (242; 10/7. Schlesinger, TX)
- 4955 0902 R. Marajóara, apparent s/on w/ ID @0903, OM tlc and ad string @0908 (342; 10/17. Schlesinger, TX)
- 5045 0235 R. Cultura do Pará, mainly soul mx w/ one PP ballad; (432; 10/24. Huffaker, MEXICO)(0740; 342; 10/19. Schlesinger, TX)
- 6065 2225 R. Nacional de Brasília, "A Voz do Brasil" px, ID by OM @2230, R. Super absent; (gd; 10/12. Parks, FL)
- 6085 2300 R. Jornal do Comercio, OM quoting from "Newsweek" magazine, reports from DC, Nicaragua, and Buenos Aires; musical tone between reports (ID?? ch)(322; 10/31. Cereghin, MD)
- 9695 1030 R. Rio Mar, noticias, trumpet fanfare and into ID, Brazilian pops, OM/YL w/ apparent educational px (fr; 10/25. Parks, FL)
- 15190 1610 R. Inconfidência, soccer game w/ sound effects at every goal, ID/TC @1615 (342; 10/3. Ulmer, LA)
- 15225 1800 R. Brás, EE, wx, mx, nx, (211; 9/18. Hahn, CA)
- 15290 0226 R. Nacional de Brasília, EE, mx px, featuring Brazilian compositions from 18th and 19th Centuries (444; 11/3. Johnson, ID)(0200; 454; 11/2. Klasek, MD) (0201; // 17830 better (344); 333; 10/14. Duncan, NC) Harrell, IL)
- 17830 0207 R. Nacional de Brasília, EE, mx (322; 10/22. Sanderson, AZ)(0200; 444; 10/24. /
- 17880 2032 R. Nacional de Brasília, 2 OMs w/ live sx cast, to 2056, laser gun blast and R. Bras ID (343; 11/3. Thompson, CA)

C H I L E /

- 6080 \*0930 R. Patagonia Chilena, ID, theme tune, vocals, R. Nacional nx @0939 (242; 10/27. Jones, MS)(1102; heavy QRM from Sutatenza on 6075; 332; 10/7. Schlesinger, TX)
- 9550 0030 R. Nacional de Chile, TC, ES songs, mentions Chile often (353; 10/15. Robichaud, NB)
- 15150 2230 R. Nacional de Chile, soccer game, Universidad Catolica was winning, ads for paint, Nescafé, chocolate, other products (QSB, 333; 10/23. Grosvenor, CA)

C O L O M B I A /

- 4785 0818 Ecos del Combeima, native pops, largely uninterrupted; ID @0832 (Only intermittently reported lately. ch)(232; 10/18. Schlesinger, TX)
- 4815 0150 R. Guatapuri, call-in quiz or lottery, much excited talk, sound effects (454; 11/5. Cilster, NC)

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

- 4865t 0150 LV del Cinaruco, blocks of 3 LAM vocals, brief talks by enthusiastic OM, Hard to catch a completely clear ID (252; 10/24. Gilster, NC)
- 4875 0747 R. Super de Medellín, usual mx, very clear signal (434; 10/30. Halbert, CA) (0725; 443; 10/3. Hesch, NY)(0328; 454; 11/1. Jones, MS)
- 4875 1006 LV del Norte, ID, calls, fqys, terrible mix w/ R. Super (422; 11/6. Jones, MS)
- 4855 2323 R. Neiva, pretty good for this early in the evening, w/ many ancmnts to local mx @2330 (343; 10/13. Schlesinger, TX)
- 4945 0845 R. Colosal, ID, EZL mx (354; 10/23. Forsman, CA)
- 4965 0610 R. Santa Fe, LAM mx, OM does voice-over yelling "Santa Fe!" during mx. Long ID/TC @0616 (444; 10/2. Drollinger, WI)
- 5040 0437 R. Cinco, LAM ballads, IDs (Cinco & CARACOL); (343; 10/26. Huffaker, MEXICO) (0056; fr/gd; 10/12. Parks, FL)
- 5075 0131 R. Sutatenza, local instrumental mx by OM, ads, "Mundo Noticias," full ID @0158 (353; 10/26. Gilster, NC)(1130; 443; 10/18. Schlesinger, TX)
- 5095 1020 R. Sutatenza, OM w/ Buenos Dias px, nx, ads, (454; 11/6. Marin, FL)
- 5955 1002 LV de los Centauros, OM w/ LAM mx, ID, fqys (454; 11/6. Marin, FL)(1010; 433; 10/15. Wilkins, CO)(0300; fr; 10/17. Parks, FL)
- 6035 \*1018 R. Transamazónica, finally logged with a clear signal 10/22 w/ anthem, opening ID, "R. Transamazónica, HJWA," then folklorico mx, w/ many TCs and ID after each selection (Sparks, CA)
- 11793 1900 Radiodifusión Nacional de Colombia, classical mx, largely uninterrupted; always worthwhile, but I wish they'd verify (433; 10/17. Schlesinger, TX)
- 15333 0258 Radiodifusión Nacional de Colombia, ID by YL, songs, OM: "Desde Bogotá, transmite R.Nacional de Colombia..." into mx by Bartok; (353; 10/23. Jones, MS)

E C U A D O R /

- 2340t 0245 R. Bahaf, too weak for ID, constant LAM/Ecuadorian mx, short OM anmts @0300, ads, back to mx (222; 10/1. Cereghin, MD)(Humm... more monitoring needed, ch)
- 3279.8 0958 LV del Napo, tropical-style mx; 1001 s/on anmts and ID, "R. Voz del Napo," think I heard "good morning" in EE, even, at 1003! Into mx @1006 followed by Hail Mary's (10/17. Walcutt, NY)(0043; 343; 11/1. Huffaker, MEXICO)
- 3285 1025 LV del Rio Tarquf, many IDs, TCs, pop mx, some w/ Ecuadorian sound (333; 10/24. Jones, MS)
- 3325 0932 Ondas Cervevedas, Andino pops w/ OM (in that part of the world, the term "Top 40" is certainly no understatement.)(332; 10/12. Schlesinger, TX)(0906; 423; 10/12. Jones, MS)
- 3394.7 1015 R. Zaracay, s/on w/ jingle, mx, anmts, mx from old Superman show on TV (just before where they say "Look, up in the sky!") "Transmite desde Santo Domingo de los Colorados, república del Ecuador," into Andean flutes (10/17. Walcutt, NY)
- 4656 0410 CRE, nice guitar mx, full ID and fqys by OM, NA interrupted by abrupt s/off (353; 10/16. Gilster, NC)
- 4795 0110 LV de los Caras, personal messages and TCs until 0200, ads, tropical mx nonstop to 0224 ID (433; 10/24. Huffaker, MEXICO)
- 4820 \*0857 R. Paz y Bien, s/on, ID, NA, sked, then nx, cmt, personal greetings (322; 10/21. Murff, NM)(0903; 444; 10/22. Huffaker, MEXICO)
- 4850 1039 R. Luz y Vida, OM ancr, string of ads, full ID, into religious px, perhaps morning Mass (333; 10/20. Murff, NM)
- 4870 0429 R. Rio Amazonas, LAM mx, dedications, ID @0453: "Informa otra vez de Rio Amazonas en Macuma, Ecuador...que esta dedicado, enviado por su útil con el parte de su compadre que dice muchas gracias por sintonía y gracias por la nueva oportunidad. Rio Amazonas transmitiendo en la frecuencia de 4870 kHz, 60 metros, onda corta," religious tlk, s/off anmt, NA, 0504\* (444; 10/16. Huffaker, MEXICO)
- 4910 0455 Emisora Gran Colombia, ID @0457, then into long musical segments, (433; 10/1. Drollinger, WI)(0420; 353; 10/26. Cucura, PA)(4911, 0419; RCN net plug; 453; 11/9. Jones, MS) Gilster, NC)
- 4920 0451 R. Quito, bizarre vocals, ID (443; 10/14. Ulmer, LA)(0441; 343; 10/16. /
- 4960 0032 R. Federación, mass to 0056, ID @0059, mx (444; 10/24. Huffaker, MEXICO) (1123; 232; 10/12. Schlesinger, TX)
- 5015 0135 Escuelas Radiofónicas Populares, RTTY/HET QRM, mx, partial IDs about every 5-10 mins (222; 11/8. Cereghin, MD)
- 5050 1100 R. Jesús del Gran Poder, nx, ID @1105: "Emisora Jesús del Gran Poder, 660 kcs onda media, 5050 kcs onda corta, banda internacional de 60 metros." (444; 10/22. Huffaker, MEXICO)(1010; 454; 10/30. Ray, PA)
- 6095 0530 HCJB, EE, Passport px, yogurt popsicles (Ugh. ch), storybook fables of SAM Indian tribes' moral principles (ZZZZzzzz. ch)(444, 11/4. Preston, CA)(0631; 544; 10/17. Shamblin, CA)
- 9745 0544 HCJB, EE, mx, ID, talk on new px, (444; 10/25. Ward, NE)(0232; 333; 10/22. Sanderson, AZ)(Hosmer, MI)(Taylor, MO)(Preston, CA)
- 11910 0631 HCJB, EE, DXPL, American International Shortwave Club, defunct before it started; explanation of K- and A-indices (433; 10/24. Halbert, CA)
- 11960 0345 HCJB, EZL mx, (555; 11/3. Johnson, ID)
- WILL CONTINUE ECUADOR ON NEXT PAGE. I TURNED 30, SO YOU MAY NO LONGER TRUST ME (HI!).

ECUADOR -- (continued)

- 15115 1450 HCJB, EE, mx, brief cmt, "Morning Song," (444; 10/16. Duncan, NC)(0230; 232; 10/26. Taylor, MO)(0230; 544; 10/24. Hill, SC)(Harrell, IL)(Sienicki, NJ)(Blake, IN)(G. Van Horne, TX)
- 15155 0035 HCJB, EE, //17890 (233); Way To Life px (333; 10/14. Duncan, NC)(0230; DXPL; 444; 10/10. Krist, VA)
- 15180 0030 HCJB, EE, Dr. Magee's Bible Study, (434; 10/14. Duncan, NC) Fraser, MA)
- 17890 1402 HCJB, EE, OM mx, ID, hymn, religious tlc (353; 10/15. Ray, PA)(1250; 454; 10/8
- 21477 2130 HCJB, EE, ID, DXPL w/ Clayton Howard, (353; 10/9. Hesch, NY)(\*2130; 444; 10/11 Krist, VA)
- 26020 1550 HCJB, futbol game, OM ancr mentioned Ecuador, no ID heard (222; 11/3. Sable, NY)(1430; 353; 11/1. Muzyka, NY)(1507; 151; 10/15. Robichaud, NB)

FRENCH GUIANA -- FR3

- 3385 0036 Classical mx, followed by rock mx (usual French eclecticism), in FF, 0100 jingle, Cayenne mx, Marseillaise, usual zither melody (10/21. Walcutt, NY)(0143; FF version of "Ode to Billy Joe," YL ID @0203, NA, IS, 0205\*; 342; 10/18; Ray, PA)

GUYANA -- GBC

- 5950 0733 EE, request mx, 0745, GBC, Inspirational Time, 0800 into "Early Bird Px," (343; 10/26. D'Angelo, PA)(0215; fr; 10/17. Parks, FL)(0804; 322; 10/26. Hotaling, NV)(0907; 333; 10/14. Olson, MD)(0815; 343; 11/5. Schulsinger, OH)

PARAGUAY

- 5976 1010 R. Guafra, SS/Guarani, OM w/ religious talk, then into ZP mx w/ IDs/TCs between selections, partial formal ID @1026: "ZPA6, Villarrica," by OM (gd/fr; 10/13. Parks, FL)(Has been heard in Europe, but not to my knowledge in NAM. See 5974 Bolivia, R. Cochabamba for alternative. ch)
- 11915 0013 R. Nacional de Paraguay, soccer, Chilean team from Santiago vs. one from Paraguay. Ads noted, many mentions of Paraguay; there's a very strong jamming xmttr on this freq. and Paraguay is only audible when geomagnetic disturbances destroy the Far North path to Europe (where the jammer is)(422; 11/11. Palmer, WA)(1056; 433; 10/19. Jones, MS)(1000; 333; 10/9. Hosmer, MI)(0039; 444; 10/15. Robichaud, NB)(1015; 332; 10/23. Ray, PA)

PERU

- 4790 0400 R. Atlantida, catchy folk mx w/ shouting, ID @0402, then MOR mx (222; 10/14. Halbert, CA)(0351; 232; 10/14. Gilster, NC)
- 4810 0415 R. San Martin, relatively soft LAM mx, ID @0428 in ad block (343; 10/26. Huffaker, MEXICO)(1040; 222; 10/21. Murff, NM)
- 4825 1029 LV de la Selva, OM ancr w/ string of ads, full ID 1035, into mx (432; 10/21. Murff, NM)(\*1000; 222; 10/18. Wilkins, CO)(0048; 333; 10/20. Huffaker, MEXICO)
- 4935 1039 R. Tropical, ads, vocals, 1048 ad string w/ 16 consecutive ads, including Pepsi, Ray-o-vac; fading by 1103 (333; 10/15. Wilkins, CO)(0035; gd; 1/11. Parks, FL)(1047; nothing but ads for Tarapoto businesses; 444; 10/22. Huffaker, MEXICO)
- 4996 0459 R. Andina, px of tropical mx, live final anmt and ID, s/off w/ 3 minutes of OA NA (443; 10/19. Huffaker, MEXICO) Huffaker, MEXICO)
- 5025 0154 R. Quillabamba, mx, 5-min. block of ads and ammts @0156, ID @0159 (343; 10/26
- 5030 \*0725 R. Los Andes, NA, wake-up tape with roosters and trumpets (That'd be a good book title...and now C. Hansen, the author of the best-selling Roosters and Trumpets. ch), ID: "Desde Huamachuco, capital de la provincia de Sanchez Carrin, (?? it's not even the capital of La Libertad, the department it's in, unless we're talking about the Peruvian equivalent of a county. ch), transmits R. Los Andes en (sic) OAZ2A, 5030 kHz, banda internacional de 60 metros, en amplitud modulada." R. Continente still not on @ 0900. (444; 10/15. Huffaker, MEXICO)(\*0738; 333; 10/10. Wilkins, CO)
- 5040 0243 R. Libertad de Junin, several IDs, tlc (343; 10/14. L. Van Horn, TX)
- 5045 0406 R. Rioja, lively mx, ammts for festival l of November, no ID but addressed listeners as "amigos de Rioja." (432; 10/24. Huffaker, MEXICO)
- 6060 1028 R. JSV, for the first time, heard coming in over Argentina on 10/30. Nice folklorico flute solos, huaynos, etc. w/ lots of TCs but no ID that I was able to read, still bad het, wiped out by Havana @1050 (Sparks, CA)(\*0959; opening ID "JSV" over mx, fqy, into OA mx; 333; 10/27. Jones, MS)(1028; OAR3L (??); fr; 10/7. Parks, FL)
- 6095 1107 R. Nacional, non-stop huaynos after ID by OM @1107 as "RN de Peru," good signam but het (fr; 10/15. Parks, FL)
- 6115 0423 R. Union, boxing match between Peruvian and Panamanian boxers -- ads for typewriters, wines, etc. Peruvian Sr. Estrada won on points (333; 10/16. Grosvenor,
- 6189 \*1056 R. Oriente, NA, theme from "The Sting," (433; 10/14. Jones, MS) // CA)
- 6195 0950 R. Cuzco, 10/16 w/ huaynos, ID, Happy Birthday @1000, heavy QRM and sooo wiped out by BBC (Sparks, CA)(0933; fr; 10/16. Parks, FL) Jones, MS)
- 6296 1103 R. Chota, probable sign/on, OM singing Peruvian NA, tlc, poor (242; 10/24. /
- 6727 0234 R. Satelite, LAM pops, RTTY, het QRM (222; 10/10. Cereghin, MD)
- 9486 1032 R. Tacna, ads, ID, Peruvian mx (353; 10/23. Jones, MS)

SURINAM

- 4850 0328 SRS, EE pop oldies like Earth Angel, I Get High With A Little Help From My Friends, etc. w/ occasional ancr in presumed Dutch. No IDs, finally mention of Paramaribo @0427; tuning back past at 0434, sounded like NA, then cut carrier. (443; 10/15. Burke, VA)(0200; 432; 10/15. Ulmer, LA)(0105; 344; 10/12. Wilczek, IL)(0245; ID as Surinam Radio Foundation, gd; 10/16. Parks, FL)(#0852; OC for at least ½ hour before instr. mx. @0852, short choral anthem @0856, fol'd by ID, tik, pop mx; 454; 10/18. Jones, MS)(0135; 544; 10/18. Murff, NM)(0445; 454; 10/24. Ray, PA)
- 5005 0527 R. Apintie, Dutch/SS/EE, U.S./LAM pop mx, multi-lingual ID, tik 0530, then more mx (322; 10/28. Murff, NM)(0210; gd; 10/14. Parks, FL)(0433; 333; 10/14. L. Van Horn, TX)

VENEZUELA

- 3256 \*0958 LV de El Tigre, choral anthem; another anthem; ID, calls, fqys (242; 10/21. Jones, MS)(1014; 343; 10/7. Schlesinger, TX)
- 3275 0954 R. Mara, NA, local anthem, harp ID (10/17. Walcutt, NY)(#0958; Paraiso Musical; 332; 10/14. Wilkins, CO)(0138; 342; 10/9. Schlesinger, TX)(0201; 343; 11/5. Gilster, NC)
- 4770 0200 R. Mundial Bolivar, OM ancr, fqy, TCs, IDs (444; 10/18. Murff, NM)(0332; 453; 11/6. Moore, TX)(0030; 343; 10/13. Barrett, PA)(0300; 444; 10/14. L. Van Horn, TX) (Burke, VA)(Gilster, NC)(Huffaker, MEXICO)
- 4780 0140 LV de Carabobo, talk by OM, ID, into LAM vocals (353; 10/15. D'Angelo, PA) (2336; 252; 10/8. Gilster, NC)
- 4800 0300 R. Lara, LAM mx, OM DJ (423; 10/20. Hosmer, MI)(0050; 333; 11/7. Yost, MI) (0226; 333; 10/17. Gilster, NC)
- 4830 0321 R. Tachira, mx, IDs, TCs, usual ID now "R. Tachira Popular," evidently a new image (433; 10/17. Huffaker, MEXICO)
- 4840 0340 R. Valera, long OM vocals, ID jingle by YL, chorus. Apparent NA by choral group (232; 10/16. Gilster, NC)
- 4900 2339 R. Juventud, nice jazz recorded before live audience, (454; 10/25. Gilster, NC)(0210; 555; 10/14. L. VanHorn, TX)(1245; 243; 10/17. Schlesinger, TX)(0122; 444; 10/8. Wilczek, IL)(#0952; 444; 10/15. Wilkins, CO)
- 4907 \*0958 R. Carora, NA, long opening anmt by OM which included "YVMU onda larga," but no mention of "onda corta" that I could catch, then into px of popular LAM style vocals; first time heard in years (Sparks, CA; 10/18)(0335; 0359\*; 342; 10/11. Huffaker, MEXICO)(#1011; Aquí Venezuela px; 443; 10/14. Jones, MS)(2320; gd; 10/8. Parks, FL)(1020; 342; 10/12. Schlesinger, TX)(1013; "R. Carora, YVMU, y YVNI, 1140 y 4910 kHz," s/on varies from 0958-1010; 333; 10/14. Wilkins, CO) (0227; 433; 10/18. Murff, NM) NC)
- 4930 0216 R. Tachira, jazzy vocal followed by standard LAM mx, (323; 10/17. Gilster, /
- 4970 \*0031 R. Rumbos, OC w/ occasional mx tests @0014, ID and regular px @0031 (444; 11/1. Huffaker, MEXICO)(2334; 343; 10/7. Gilster, NC)(0419; 555; 11/6. G. Van Horn, TX)(0415; 434; 10/11. Lord, CA)(0936; 433; 11/5. English, TX)(0434; 333; 10/3. Kerrigan, IL)(Halbert, CA)(Drollinger, WI)(Earhart, PA)(Shamblin, CA)
- 4980 0223 Ecos del Torbes, station ID, light mx, TCs, instrumentals (555; 10/14. L. Van Horn, TX)(0130; 433; 11/1. Klasek, MO)
- 4990 0240 R. Barquisimeto, longhair instrumentals, (434; 11/8. Schulsinger, OH)
- 5030 0405 R. Continente, mx, OM ancr (353; 10/31. Earhart, PA)(0442; 343; 10/1. Drollinger, WI)(Halbert, CA)(Shamblin, CA)(L. VanHorn, TX)(Preston, CA)
- 5040 0346 R. Maturín, ID after Rumbos mx, many ads, one for G.E. (343; 11/4. Jones, MS)
- 6180 0908 R. Turismo, ID, fqys, "Lo Mejor en Radio," sure this is right after s/on (444; 10/18. Jones, MS)(0915; 433; 10/12. Schlesinger, TX)
- 9660 1104 R. Rumbos, 2 OMs w/ LAM mx, and constant 2-tone chimes (444; 11/2. Yost, MI)

NORTH AND CENTRAL AMERICAANTIGUA

- 6040 0140 DW, EE, OM w/ GG language lesson (545; 10/17. Shamblin, CA)
- 6100 \*0200 DW, ID @ s/on, mx, tik, "Tipperary" in GG, (323; 10/31. Pfeffer, NY)
- 6175 2200 BEC, EE, From Our Own Correspondent, (444; 10/9. Krist, VA)(0230; 232; 10/16. Demmitt, PA)(0600; 545; 10/17. Shamblin, CA)(0444; 454; 11/3. Johnson, ID)
- 9545 0521 DW, EE, OM talking about the Nile (545; 10/17. Shamblin, CA)

BELEIZE -- R. Belize

- 3285 0226 EE, rock/soul mx followed by speech by the Belizean Ambassador to the UN. Best reception ever w/ new 128-ft. dipole 300 ft. high (10/16. Walcutt, NY) (0430; 222; 10/24. Fisher, MA)(0307; 232; 10/17. Gilster, NC)(0408; 333; 10/26. Cucura, PA)(0408; 342; 10/26. Burke, VA)(0418; 323; 10/29. Wormwood, NY)(0157; 232; 10/2. Kerrigan, IL)

CANADA

- 5960 \*2200 RCI, EE/FF, "Sunday from Canada" px, "The House," (555; 10/24. Krist, VA) (0300; 444; 10/18. Sienicki, NJ)(0115; 444; 10/10. Addison, KS)(0000; 555; 10/16. Demmitt, PA)(0006; 444; 10/4. Taylor, MO)(2345; 555; 10/5. Fraser, MA)(2320; 555; 10/19. Thompson, PA)(#0300; 544; 10/17. Shamblin, CA)

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

- 6005 2012 CFCX, Montréal, EE, U.S. pops, ads, World Series game #5 (333; 10/17. Krist, VA)(1000; heavy het; 10/23. Sparks, CA)(1210; 333; 10/16. Ray, PA)(1749;444;10/24. Leonard, ME)((8010; 222; 10/16. Wilkins, CO)(2340;554;10/5.Fraser, MA)
- 6030 1225 CFVP, Calgary, EE, wx report, pop mx, ID as CFCN, (251; 10/16. Ray, PA)(1210; 233; 10/14. Famularo, CA)(1200; pr; 10/21. Parks, FL)(0825; wiped out by R. Japan s/on @0840; 242; 10/10. Wilkins, CO)
- 6045 0620 RCI, EE, world/local nx (434; 10/7. Lord, CA)(0616; 444; 10/28. Halbert,CA)
- 6065 1200 CBCNQSWS, EE, NS bc of CBC nx, sx, wx, (353; 10/17. D'Angelo, PA)
- 6070 2053 CFRX, Toronto, EE, ads, soccer results, winning lottery number (What was it? hi. ch)(444; 10/16. Krist, VA)(0837; cmts on leaf-burning;333;10/16. Wilkins, CO)
- 6080 0940 CKFX, Vancouver, nice clear signal on 10/17 w/ DJ chatter, TC for Pacific Daylight Time after each musical selection (Sparks, CA)
- 6120 0000 BBC, EE, world nx, Radio Newsreel; (444; 10/20. Krist, VA)(2155; 444; 10/3. Kerrigan, IL)(0207; 444; 10/14. Lindley, AL) Hesch, NY)
- 6130 1813 CHNX, Halifax, EE, OM ancr, info re: Lottery, pop/country mx, TC, (454; 10/7
- 6140 0600 RCI, EE/FF, OM, morning nx to Europe/Middle East/Africa, (354; 11/4. Preston,
- 6195 2330 CBCNQSWS, EE, report on LAm mx becoming popular in Canada, (454; /// CA) 10/23. Krist, VA)
- 9535 0300 RCI, EE, OM w/ s/on, schedule (545; 10/18. Shamblin, CA)
- 9675 1430 CBCNQSWS, EE, Royal Canadian Air Farce, (444; 10/16. Sienicki, NJ)
- 9755 0008 RCI, EE, OM w/ nx, px on acid rain (444; 10/14. Duncan, NC)+6
- 11720 1430 CBCNQSWS, EE, Royal Canadian Air Farce (444; 10/30. Sienicki, NJ)(1357; 544; 10/8. Leonard, ME)
- 11845 0313 RCI, EE, game wardens and problems of same; (333; 10/31. Earhart, PA)
- 15150 \*2129 RCI, EE, nx, SWLD, (444; 10/16. Krist, VA)(2128; 544; 10/13. Odom, FL)
- 15325 \*1644 RCI, EE, to Europe, item on by-elections (555; 10/11. Krist, VA)(2130; 544; 10/23. Harrell, IL)(2130; 444; 10/23. Sienicki, NJ)
- 17820 2145 RCI, EE, African service, report and talk w/ Robert Mugabe, 2157\* (444; 10/26 Grijalva, AZ)(1800; 333; 9/12. Hahn, CA)(1300; 454; 10/17. James, NC)(\*2129; 454; 10/23. Krist, VA)
- 17875 \*2129 RCI, EE, nx, SWLD, (555; 10/9. Krist, VA)(1942;544;10/17. Hill, SC)
- 21695 1940 RCI, EE, SWLD (555; 10/10. Hosmer, MI)(\*2000; 555; 10/21. Krist, VA)

C O S T A R I C A /

- 4832 0433 R. Reloj, LAm vocals, huge signal, (444; 10/16. Gilster, NC)(1059; 454; 11/4. Yost, MI)(0416; 353; 10/23. Forsman, CA)(0805; on 4835, 433; 10/19. Schlesinger, TX)(0739; "Esta es una señal del espacio, y esta una señal para el mundo, R. Reloj, Número Uno en Costa Rica, gracias a Uds."; 433; 10/15. Wilkins,CO)(0448; 433; 10/14. Ulmer, LA)
- 5055 0655 Faro del Caribe, TIFC, religious tlk (434; 10/30. Halbert, CA)(0315; 322; 10/20. Hosmer, MI)(0348; 333; 10/29. Wormwood, NY, 0355\*)(0334; 443; 10/17. Famularo, CA)
- 6006 0757 R. Reloj, mx, TC, ID (454; 10/3. Hesch, NY)(0558;323;10/10.Lord, CA)
- 6074 1003 R. Rumbo, ID, call TICAL, greetings to listeners, down from usual 6076 (343; 10/24. Jones, MS)(1050; 343; 10/10. Ray, PA)

C U B A /

- 11725 0343 RHC, EE, mx, interview with a visitor to Cuba from Africa (333; 10/14. / Earhart, PA)
- 11760 0405 RHC, EE, pop-type mx w/ YL ancr; (444; 10/17. Earhart, PA)(0437; 444; 10/25. Ward, NE)(0325; 444; 0330 into EE, 10/20. Hosmer, MI)(2330; 444; 10/30.Addison,K5)(1730; stamp px; 444; 10/17. Barrett, PA)(0500;434;10/17. Lord, CA)
- 11930 0200 RHC, EE, nx, IDs, Cuban History px; (434; 10/5. Wertepny, MB)
- 11950 1850 RHC, EE, speeches by Castro (454; 10/14. Odom, FL) Krist, VA)
- 15175 2040 RHC, EE, Cuban mx, contest (444; 10/17. Sienicki, NJ)(2028; 555; 10/14. /
- 15230 0235 RHC, EE, tlk by YL, Cuban mx (443; 11/3. Johnson, ID)(2300; 344; 10/14. Lindley, AL)(1930; 555; 10/14. Odom, FL)

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

- 11700 2245 LAm pop mx, 2251 RClarín ID, into LV del CID px, (444; 10/23. D'Angelo, PA) (1038; CID; IDs as "Musica Libre," 333; 10/25. Hosmer, MI)(2317; CID; Se Llama Jose Martí; 453; 11/6. Moore, TX)(1705; 555; 10/13. G.VanHorn, TX)(2208; RC; 444; 11/6. Yost, MI)(2156; CID; 433; 10/15. Robichaud, NB)(0028; RC; 444; 10/15. Ulmer, LA)

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

- 15045 2225 EE, Rivera hotel ad, Festival of Arts ad, steel drum mx (333; 11/2. Sable, NY)(2216; 343; 11/8. Shamblin, CA)(2142; 333; Ad for Sunday Banana Corner; 10/2. Kerrigan, IL)

G U A T E M A L A /

- 3360 0114 LV de Nahuala, fqys, sort-of-Guatemalan ranchera song w/ sing-song melody (10/21. Walcutt, NY)
- 3370 0124 R. Tezulutan, love theme marimbas! Plenty of same, plus talk by OM, many IDs (353; 10/28. Gilster, NC)(0040; gd; 10/5. Parks, FL)(0030; //4835; 322; 10/17. Murff, NM)(0045; 242; 10/24. Cucura, PA)

GUATEMALA -- (continued)

- 3380.2 0015 R. Chortis, 0015 marimbas, nasal Yucatan SS, "R. Chortis transmite para Ud." by YL, fqys and bands @0030 (10/21. Walcutt, NY)(0220, 0225\*; 342; 10/18. Ray, PA)  
 4835 0150 R. Tezulután, ID & tik (433; 10/15. Ulmer, LA)(1145;443;10/14. Wilkins, CO) (0115; 0208\*; 444; 10/13. G. Van Horn, TX)  
 9760 1906 R. Nacional de Guatemala, marimba mx, mucho echo amnts, loads better than //6180 (443; 10/17. Schlesinger, TX)

HAITI -- R. Station 4VEH

- 11835 1212 EE, end of Guidelines px, ID: The Evangelistic Voice of Haiti, R. Sta. 4VEH, Cap Haitien. (353; 10/23. D'Angelo, PA)(2256; 225; 10/13. G. Van Horn, TX)

HONDURAS

- 4781 1130 R. Juticalpa, ID, TC, greetings to listeners (including any in Costa Rica), ranchera mx (454; 11/6. Jones, MS)  
 4820 0313 HRVC, LV Evangelica, 2 long talks by OM, then slow vocals w/ ID @0406 (242; 10/13. Gilster, NC)(0303; Hour of Decision w/ guest sermon instead of Billy Graham; 342; 10/18. Burke, VA)(0440; 0459\*; 444; 10/12. Ray, PA)(0329; 333; 11/8. Schulsinger, OH)(0312; 222; 11/1. Pfeffer, NY)(0345; 333; 10/4. Kerrigan, IL) (0409; 433; 10/18. Shamblin, CA)  
 6000 0145 Eco de Honduras, HRPL, U.S. pops, doorbells at amnts, IDed as "R. Variedades, 1180 kHz, Tegucigalpa, and El Eco de Honduras, San Pedro Sula, 6000 kHz." RV is main station and R. Eco is relay. (fr/pr; 10/22. Parks, FL)(0403; "De Tegucigalpa, Honduras, Variedades Radial, 1160 kHz onda media, en la palacio ... (El Eco de Honduras) en San Pedro Sula, 6000 kHz, banda de 49 metros, onda corta. Cadena Zeta, Zeta, Zeta, la nueva comunicación a nivel nacional," 333; 11/5. Huffaker, MEXICO)(0328; ID as above; 0358\*; 10/22. Sparks, CA)

MEXICO

- 2390 0040 R. Huayacocotla, horrible QRN, OM tik w/ light mx, brief nx, then local mx (222; 11/7. Cereghin, MD)  
 6045 0150 R. Universidad San Luis Potosí, classical mx concert, ID by OM @0205, 3-tone IS and ID, very nice signal (fr; 10/17. Parks, FL)  
 6105 Su Pantera Juvenil, XEQM, XEQM IDs, nice romantic vocals w/ guitar, heavy het (Sparks, CA)(1125; 353; 10/15. Ray, PA)(0011; 433; 10/12. Schlesinger, TX)(1103; "Estas son Sus Panteras, XEQM y XEQM, 1240 y 6105 kcs, en Merida, Yucatán, México." 343; 10/9. Wilkins, CO)  
 6115 0040 R. Universidad de Sonora, piano concerto, ID by OM followed by light concert mx. Excellent signal (10/31. Sparks, CA)  
 6155 1250 XEWN, // 9515, several people w/ conversation, OM singing romantic balada before live audience (presumably a tape recording) since it was heard @1250 on 10/10 (Sparks, CA)(Burning the midnight oil, I guess. ch)  
 6165 0825 LV de la América Latina, OM w/ mx, very short "plays," many IDs, address, (322; 10/26. Hotaling, NV)

NETHERLANDS ANTILLES

- 6165 0602 RN, EE, OM w/ Shortwave Feedback, (555; 10/17. Shamblin, CA)(0240; 444; 10/31 Earhart, PA)(0250; 544; 10/16. Demmitt, PA)(0255; 333; 11/2. Gallagher, MA) (0620; 444; 10/8. Lord, CA)(0313; 444; 11/4. Cuppy, IN)  
 9575 0250 RN, EE, ID, Shortwave Feedback (545; 10/24. Zolla, CA)  
 9590 0236 RN, EE, world nx (333; 10/22. Sanderson, AZ)(0315; 444; 10/17. Sienicki, NJ) (0230; 444; 10/29. Taylor, MD)  
 9715 0604 RN, EE, OM w/ the Friday Report; (544; 10/16. Shamblin, CA)  
 9755 0400 TWR, EE, Family Bible Hour (555; 10/13. Muzyka, NY)(0500; 444; 10/4. Taylor, MD) (0555; 444; 10/25. Ward, NE)(0607; 545; 10/16. Shamblin, CA)  
 9770 0737 RN, EE, Happy Station, (444; 10/10. Krist, VA)  
 11815 1130 TWR, EE, nx, Spanish elections, (544; 10/27. Harrell, IL)  
 17695 \*2008 RN, EE, nxline, Media Network, (454; 10/21. Krist, VA)

JUST FOR YOUR INFORMATION -- A person sent in a logging this month for a new "Brazilian" station, "R. Trans Mundial." Trans Mundial means "Trans World" in both SS and PP. It's quite easy to mistake this for a Brazilian or other LAm station, so be aware of the translation of "Radio Trans Mundial."

NICARAGUA

- 5955 0435 LV de Nicaragua, several ID, (222; 11/3. Greenwald, WY)(0500; 333; 11/4. Preston, CA)(0115; EE, tuning across heard YL ancr say "This is the Voice of Nicaragua." A newscast followed by 0119 (OM/YL). Back into SS @0120; 333; 11/11. Palmer, WA)(0305; 433; 10/9. Ulmer, LA)(0520; 434; 10/17. Mountain, BC)  
 6120 \*1100 R. Zinica, NA, opening ID by OM/YL, followed by long opening amnt by OM w/ several ments. of R. Zinica, (10/16. Sparks, CA)(1140; slight co-channel QRM; 434; 10/19. Schlesinger, TX)

UNITED STATES OF AMERICA

- 5985 0637 VOFC via WYFR, EE, OM/YL w/ "Learn to Speak Chinese" (545; 10/16. Shamblin, CA)(0327; 554; 11/3. Johnson, ID)(0300; 555; 10/16. Demmitt, PA)


UNITED STATES OF AMERICA -- (continued)

- 5995 0554 VOA, EE, talking about Election day (444; 10/16. Leonard, ME)(0427; 544; 10/9. Leonard, ME)
- 6030 0337 AFRTS, EE, cmt by Dan Rafter about media coverage of the UN (as usual he was all wet)(553; 10/19. Johnson, ID)(0030; 555; 10/16. Demmitt, PA)(0417; 522; 10/29. Leonard, ME)(1021; 555; 10/21. Murphy, NY)(0137;544;10/17.Shamblin,CA)
- 6065 0446 WYFR, "When the Roll is Called Up Yonder," (554; 11/3. Johnson, ID)
- 6110 0545 WRNO, EE, classic rock mx, no ancr until OM ID @0602 (444; 10/16. Halbert,CA)
- 6125 0726 VOA, EE, brief summary of the news, then s/off (433; 10/10. Leonard, ME)
- 6130 0200 VOA, EE, Music on my Mind -- the Christmas Song (555; 10/16. Demmitt, PA)+1
- 6155 0240 WRNO, EE, info on ordering free catalog of radios and antennas, an ad from EEB in Vienna, VA; (534; 10/15. Dunca, NC)+3
- 9505 0300 BBC, EE, ID, world nx, etc. (544; 10/18. Hosmer, MI)
- 9515 2330 WRNO, EE, GH's "World of Radio," (444; 10/17. Krist, VA)(2345; ID as "WRNO FM 100," fed from parent stn w/ full simulcast. Welcome change. FM DJ acknowledged worldwide service; local ads; 554; 11/4. Yost, MI)+6
- 9535 2200 WYFR, EE, s/on, mx, "Open Forum" px (333; 10/25. Taylor, MD)
- 9640 0015 VOA, EE, ID, mx, (444; 10/17. Addison, KS)
- 9690 1400 WRNO, EE, ID, s/off (222; 9/26. Picarelli, CA)
- 9700 1615 AFRTS, EE, NBC nx, into CBS nx, fading some (443; 10/10. Schlesinger, TX)
- 9715 0035 WYFR, EE, mx, Insight @0042 (333; 10/7. Taylor, MD)
- 9760 2000 VOA, Special EE; "Words and their Story," (444; 10/17. Krist, VA)
- 11740 0210 VOFC via WYFR, EE, cmt, on how the Mainland Chinese have lied to President Reagan (433; 10/13. Slenicki, NJ)(Just goes to show you, the Chinese are good politicians, too! ch)(0236; into CC @0300; 444; 10/25. Harrell, IL)+1
- 11750 0204 BBC, EE, "Way of All Flesh," (242; 11/1. Pfeffer, NY)
- 11790 0000 AFRTS, EE, network nx: AP; (544; 10/14. Duncan, NC)
- 11830 0030 UN Radio, OM ID, nx, cmt, (444; 10/8. Addison, KS)
- 11830 1400 WYFR, EE, "Family Bible Reading," (555; 10/25. Wieboldt, FL)
- 11845 0102 WYFR, EE, religious tlk mx, into SS @0150 (444; 10/17. Earhart, PA)
- 11885 2134 WRNO, EE, Tylenol warning ads, (444; 10/3. Kerrigan, IL)(2330; 444; 11/7. Craig, OH)
- 11965 2330 WRNO, EE, "World of Radio," (433; 10/3. Krist, VA)(2307; 433; 9/15. mx: "You're the Biggest Part of Me," Robichaud, NB)(I wouldn't touch that line with the proverbial 10-foot-pole, ch)(+1)
- 15120 1900 UNRadio, EE, nx (555; 10/13. Blake, IN)(1835;454;10/27.Grijalva, AZ)
- 15125 \*0645 UNRadio, FF, OM w/ s/on, (534; 10/16. Shamblin, CA)
- 15145 0126 WINE, EE, end of "Bible Hour" (232; 10/15. D'Angelo, CA)
- 15205 0130 VOA, EE, OM ID, cmt on stroke (444; 10/10. Addison, KS)
- 15245 1945 WRNO, EE, "Abacrah" by Genesis, then "Eyes in the Sky" (323; 10/14. Odom,FL)
- 15330 1418 AFRTS, EE, Sheridan BC Network, then mx, (533; 10/27. Leonard, ME)(1715; Veterans Day, Brezhnev's death; 555; 11/11. Card, RI)
- 15345 1700 AFRTS, EE, nx, various AFRTS ads (555; 11/11. Card, RI)
- 15420 1807 WRNO, EE, Tylenol warnings (444; 10/14. Robichaud, NB)+2
- 17820 2200 VOA, EE, nx in Special English, Bkfst. Show, (353; 10/9. Krist, VA)
- 21490 2143 VOA, EE, px about vampires (444; 10/15. Odom, FL)
- 21545 1450 WYFR, EE, mailbag px, station ID (444; 10/3. Picarelli, CA)
- 21615 1800 WYFR, EE, Sound of the New Life, (444; 10/24. Krist, VA)
- 21840 1900 VOA, EE, Item on Israeli troubles at the UN, (454; 10/16. Krist, VA)(2140; 454; 10/23. Provance, OH)
- 25615 2312 AFRTS, EE, Howard "The Motor Mouth" Cosell's SX Report (454; 10/25. Krist,VA)
- 26000 1819 VOA, EE, dissertation on Franklin (444; 10/24. Leonard, ME)+1
- 26040 1900 VOA, EE, Nightline Africa px (353; 10/10. Krist, VA)+1


C L A N D E S T I N E

- 6684 0232 R. Venceremos, long anthem, ID, slogans by OM/YL (444; 10/27. Jones, MS)
- 6834 0328 R. Venceremos, RV chased by USB mx-jammer around 6834,37,38 (322; 10/18. Lucas, CA)
- 7412 0110 LV del CID, full ID @0110 by OM including names of individual stations, (233; 10/13. Wilczek, IL)

Well, thanks to all this month's contributors -- we hope to see you again next month, next year, really, I suppose. Another year come and gone. By the by, thanks to all those who sympathized with my mail troubles. I am glad to report that we are tracking down the perpetrator and should have some resolution by the time the next column is compiled. However, again, be on the alert, and don't believe any report you might be hearing that is attributed to me unless you saw it in SPEEDX or PRENDX. We have a person on the hook for Projects Coordinator, and I hope to put him to work starting this month, if all the pieces fall into place. But, remember, if you think you can do something for SPEEDX, please, write John Trautschold, or myself, or Larry Talbot and we'll think of something that you can do to help bring out SPEEDX. So, Merry Christmas, Happy New Year, &c. See you in 1983!!! *43's Chas Allen Blackie*



# SWBC - EUROPE



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

Christmas is a coming! You already knew that, but its the first thing that entered my mind when I sat down here to start this column. This is the night of the 16th and I usually have a finished column ready to mail on the 17th. So therefore I will have to do this one in a hurry. Albania.....

A L B A N I A R.Tirana

- 7065 \*0000 RT: EE-YL w/ID, nx pgm, & cmtry.(444 10/15 Krist-VA)(Harrell-IL)
- 7120 0144 RT: EE-YL w/talk about a botanical garden.(433 10/20 Ray-PA)  
(Forsman-CA)(Sanderson-AZ)
- 7300 0348 RT: EE-wld nx pgm, CW QRM.(545 10/10 Wilson-NY)(Ulmer-LA)
- 9750 0130 RT: EE-2 YLs discussing Socialism.(???) 10/7 Hecht-PA)
- 11985 0715 RT: EE-talk on anniversary of national independence.(433 11/5 Forrester-SC)

A U S T R I A Osterrescher Rundfunk

- 5945 0330 ORF: SS-OM w/Austrian mx pgm and yodels.(322 10/30 Bartsch-MN)  
(Hotaling-NV)(Smith-FL)
- 9770 0153 ORF: EE-OM w/cmtry on economic trade.(434 10/14 Mountain-BC)  
(Smith-FL)(Krist-VA)
- 11665 2315 ORF: GG-YL & OM w/talks.(544 10/21 Murphy-NY)(Ulmer-LA)
- 12015 0225 ORF: GG-pgm of Austrian folk mx.(454 10/2 Klasek-MO)(Miller-CA)(Preston-CA) It's nice to have you reporting again Terry...
- 15185 1830 ORF: EE-Nx and reports on students and mountain patrols.(333 10/15 Ledford-NJ)
- 15560 \*1806 ORF: EE-"Austrian SW Panarama" w/report by Glenn Hauser.(353 10/17 Krist-VA) Speaking of Glenn Hauser we have'nt from you in some months now Glenn. You used to be a regular reporter to this column. I would love to hear from you again...tml....
- 21525 1230 ORF: EE-talk on Life in the U.N. forces in Syria.(444 10/16 Fraser-MA) (Krist-VA)(D'Angelo-PA)

B E L G I U M Belgische Radio en Televisie

- 11695 0105 BRT: EE-DX pgm w/listeners letters.(454 10/13 Van Horn-TX)  
(Miller-CA)(Moore-TX)(Krist-VA)(Greenwald-WY)(Lord-CA)(Mountain-BC)(Klasek-MO)(Taylor-MO)
- 17585 1923 BRT: EE-talk on trade unions, ID.(555 10/28 Smith-FL)
- 17595 2200 BRT: EE-"Brussels Calling" w/songs.(444 10/16 Krist-VA)
- 21525 1415 BRT: EE-Brussels Calling w/nx, & mx.(343 10/21 Smith-FL)
- 21460 1500 ORU: FF-YL w/ID, freqs, pop mx.(454 10/9 Hesch-NY)

B U L G A R I A R.Sofia

- 6135 0529 RS: ??-ID & ?? 11750 lang unknown.(322 10/28 Halbert-CA)
- 7115 0425 RS: EE-MX, ID, history pgm.(353 11/6 Moore-TX)
- 7670 0440 1 Horizont: Mx pgm, YL w/ID, OM w/talks.(354 10/10 Provance-OH)
- 9560 0200 RS: SS-IS, ID, mx pgm.(443 10/31 Munster-GA)
- 9700 0045 RS: EE-DX pgm, talk on plants in Bulgaria.(433 10/4 Picarelli-CA)(Preston-CA)(Cucura-PA)(Barrett-PA)(Fraser-MA)(Thompson-CA)
- 11735 2113 RS: EE-Folk & pop mx, YL w/ID.(333 10/31 Cucura-PA)
- 11750 0400 RS: EE-Nx pgm of Bulgaria.(444 10/17 Earhart-PA)(Greenwald-WY)
- 11860 0400 RS: EE-wld nx pgm, listeners letters.(545 10/11 Clevely-NY)
- 15110 0044 RS: EE-DX pgm, OM w/"World of Science".(343 10/7 Welch-MA)
- 17865 1939 RS: FF-Nx on Poland.(433 10/6 Robichaud-NB)

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

- 5930 0120 RP: EE-OM w/pgm of folk mx.(444 10/14 Coleman-MA)
- 7345 0325 RP: EE-Mx pgm, ID, talk on voting.(433 10/25 Leonard-ME)(Smith-FL)(Muxyka-NY)(Barrett-PA)(Ulmer-LA)(Robichaud-NB)(Stone-ONT)(Hill-SC)
- 9630 0136 RP: EE-Interview w/bank director.(311 Robichaud-NB)
- 9740 0100 RP: EE-Nx pgm, cmtry.(444 10/17 Fraser-MA)



D E N M A R K R.Denmark

11825 0158 RD:DN-IS, EE ID "Here is RD Bcsting from Copenhagen to Greenland and the Pacific Ocean.(433 10/13 Wilkins-CO)

F I N L A N D R.Finland

9560 1115 RF: SS-OM w/nx pgm, ID, & IS.(good 10/8 Parks-FL)
15400 1500 RF: EE-OM w/nx pgm, OM & YL reads listeners letters.(354 10/19 Wieboldt-FL)(Ulmer-LA)(Krist-VA)
21475 1508 RF: EE-Interview with a game warden, folk mx, & nx.(434 10/8 Muzyka-NY)(English-TX)(Krist-VA)(Olson-MD)(Harrell-IL)(Cucura-PA)(Fraser-MA)
25950 1400 RF: EE-the Northern Report, weather report & talk on the Northern Lights.(252 10/27 Zilmer-NM)

F R A N C E R.France Intl

6140 0030 RFI: SS-Nx on Press Review, mx.(444 10/20 Wilkins-CO)
7135 2012 RFI: FF-Rock mx pgm, OM w/anncs.(453 10/4 Welch-MA)
9650 2205 RFI: FF-Lottery results. Its interesting to get the winning numbers of France's lottery.(443 Robichaud-NB)
9790 2200 RFI: FF-Pgm to Latin Amer.(343 10/29 Zilmer-NM)
11995 2200 RFI: FF-New service to Latin Amer.(343 10/25 Zilmer-NM)(Wilkins)
15300 \*1600 RFI: EE-"Paris Calling Africa" w/nx, & sports.(454 10/11 Krist-VA)
15315 1640 RFI: EE-2 Oms w/birthday wishes to listeners.(433 10/3 Coleman-MA)
17620 1610 RFI: EE-PCA w/nx, and features on Afr.(333 10/19 Hosmer-MI)(Ray-PA)(Zilmer-NM)(Addison-KS)
17625 1600 RFI: EE-PCA w/nx, reports, & mx.(454 10/23 Fraser-MA)
17785 1515 RFI: FF-IS, ID, nx items.(444 10/15 Robichaud-NB)
17845 1940 RFI: FF-Pop mx pgm, ID.(334 10/17 Miller-CA)
21580 1616 RFI: EE-PCA w/mx, ID, & nx.(111 10/3 Greenwald-WY)
21595 1450 RFI: FF-Drama, chit chats ect.(555 10/15 Robichaud-NB)

G E R M A N D E M O C R A T I C R E P U B L I C R.Berlin Intl

7260 2140 RBI: FF-the Listeners Letterbox w/talks on holidays and a contest.(454 9/15 Robichaud-NB)
9560 0330 RBI: EE-OM w/s/on for the N.Amer ser, YL w/rundown on pgms, & nx.(434 10/31 Thompson-CA)(Hotaling-NV)(Krist-VA)
11890 0714 RBI: EE/GG-OM w/EE pgm, IS then YL starts GG pgm.(322 11/29 Hotaling-NV)
11975 0015 RBI: EE-Nx pgm, cmtry on economic independence.(433 10/10 Krist-VA)9(Shamblin-CA)
15240 1323 RBI: EE-Talk on a ski lodge, address, mailbag pgm.(433 10/3 Grijalva-AZ)(Krist-VA)
21465 \*1515 RBI: EE-NX, ID, cmtry on disarmament.(333 10/24 Krist-VA)
21515 1832 RBI: EE-YL w/ID, address, political talk.(425 10/11 Pamularo-CA)(Ulmer-LA)(Krist-VA)(Smith-FL)

G E R M A N F E D E R A L R E P U B L I C Deutsche Welle

6125 0115 DW: EE-Talk on the Aswan dam and its effect on the Nile.(222 10/16 James-NC)(Stone-ONT) I'm sorry I missed that one, that is my favorite kind of pgm. ....tml.....
6030 2240 Sudeuster Rundfunk: GG-OM w/rock & pop mx, ID.(fair 10/12 Parks-FL)
6085 0148 DW: EE-Address, ID, into GG.(554 10/15 Robichaud-NB)
6145 0115 DW: EE-Cmtry on France's decision to build neutron weopon.(333 10/16 Demmitt-PA)(Wilkins-CO)(Krist-VA)
9375 0237 DW: EE-German lessons.(233 Smith-FL)
11815 ???? RFE: Modern rock mx, nx.(Whoever you are you have left out the time, the SIO, the date, and your name. Don't feel bad about it though, I've done the same thing before..... tml....)
17705 1953 DW: EE-Mx pgm, Sports Roundup, and Window on the World.(454 10/21 Krist-VA)(Zilmer-NM)
21745 ???? RFE: BG-pgm of US soul mx.(343 10/2 Ulmer-LA)
21560 1510 DW: GG-ID, talk on the economy.(354 10/14 Ulmer-LA)
21500 1945 DW: OM w/ID, nx, cmtry, & mx.(444 10/9 Addison-KS)
21600 2030 DW: GG-OM w/ID, mx, & cmtry.(444 10/29 Addison-KS)
21720 1636 RFE: CZ-OM/YL w/press review, & ID.(444 10/13 Ulmer-LA)
25690 1748 RL: RR-talk on vodka exports.(444 10/13 Ulmer-LA)

Not enough room for Greece here. 7 logs have been discarded so far because I could'nt read the freq. I once said the ID was the most important peice of info in a logging and I still believe it. The freq is just about as important. To insure that your loggings appear please make them as legible as possible. tml.....

G R E E C E Voice of Greece  
 9865 0135 VOG: EE-Nx pgm, and talk on presidents meetings.(444 11/4  
 Burke-VA)(Robichaud-NB)(Hill-SC)  
 11645 0105 VOG: GK-Mx pgm, QRM from Kol Yisreal.(444 10/7 Welch-MA)(Zilmer  
 -NM)(Smith-FL)(Burke-VA)  
 11805 0418 VOA: AR-Vocal mx in ? lang. This is VOA to the Mid East.(444  
 10/17 Earhart-PA)  
 15020 1918 R.Macedonia: GK-Mx pgm, ID, nx,(353 10/16 D'Angelo-PA)  
 15050 1931 RM: GK-Local instru mx pgm.(333 10/10 Cereghin-MD)(D'Angelo-PA  
 (Robichaud-NB)(Hill-SC) Note that VOG is also heard on this  
 freq at times. ...tml  
 17555 1830 VOG: GK/EE-Mx pgm by YL , ID, nx pgm.(322 10/8 Carlson-WA)

H U N G A R Y Radio Budapest  
 9570 0200 RB: EE-NX, ID, cmtry on our embargo of the Soviet pipeline.(343  
 Smith-FL)  
 9585 0208 RB: EE-OM & YL w/talk on the Nuclear race.(444 10/20 Kerrigan-  
 IL)(Klasek-MO)(Hill-SC)(Krist-VA)(Picarelli-CA)  
 9835 0300 RB: EE-RB attempted to contact Swedish Nobel Prize winner.(333  
 10/16 Sienicki-NJ)(Krist-VA)(Miller-CA)  
 11910 0200 RB: EE-ID, nx pgm, winter freqs,(454 10/17 Krist-VA)  
 15220 0200 RB: EE-NX, cmtry on Polish exports.(444 10/12 Krist-VA)  
 17710 \*0000 RB: SS-YL w/ID, OM is into nx.(454 10/7 Welch-MA)

I C E L A N D ISBS  
 13797 1934 ISBS: IC-OM & YL w/talks, guitar mx.(232 10/7 Gilster-NC)  
 13797 1835 ISBS: IC-Cmtry, ID, DX pgm by YL, nx pgm.(343 10/22 Tate-WV)

I T A L Y Radiotelevisione Italiana  
 9575 0100 RAI: EE-YL w/nx pgm, off 0120.(323 Marshall-AZ)(Shamblin-CA)(  
 (Robichaud-NB)(Marin-FL)(Thompson-CA)(Mountain-BC)(Krist-VA)  
 11585t 0600 ??? : EE/IT-Pop mx pgm, EE ID that sounded like "This is R.Mine  
 besting on 11585 mhx Sw", then into IT. Weak signal, ute QRM.  
 and bad modulation.(222 10/24 Fisher-MA)  
 11800 0100 RAI: EE-YL w/ID, nx, mx pgm.(444 10/12 Krist-VA)  
 11905 0350 RAI: EE-IS, ID, nx pgm, mx pgm.(322 10/22 Ledford-NJ)

L U X E M B O U R G H R.Luxembourg  
 6090 0050 RL: EE-Pop mx pgm, ID, talks, much QRM.(323 10/13 Gayle Van  
 Horn-TX)(Robichaud-NB)(Fraser-MA) I have not been able to  
 hear RL lately. There seems to be an unusual amount of QRM  
 here at my QTH lately. I guess I will have to live with it.

M O N A C O  
 7200 0500 TWR: TK-ID,OM w/talk in Turkish.(333 11/8 Schulsinger-OH)  
 9495 0730 TWR: EE- the "Back to the Bible" pgm.(344 11/1 Wieboldt-FL)  
 (Ward-NE)(Krist-VA)(Ledford-NJ)(Welch-MA)  
 11715 \*0800 TWR: NW-EE ID, then into NW pgm.(353 10/21 Welch-MA)

N E T H E R L A N D S R.Nederland  
 9715 0300 RN: EE-Mx, wld nx.(555 10/11 Clevely-NY)(Koehler-IL)  
 9895 0707 RN: EE-Talk on Ghana, beam to W.Afr.(454 10/10 Krist-VA)  
 15220 2030 RN: EE-OM w/"Newslines", cmtry.(343 10/7 Hesch-NY)  
 15560 1600 RN: EE-Special test tx using 2 transmitters.(545 Marshall-AZ)  
 17605 2030 RN: EE-Nx on Newslines, the Monday Report.(444 10/11 Hill-SC)  
 (Hesch-NY)(Krist-VA)  
 17795 2130 RN: EE-the Happy Station Show.(444 Hahn-??)(Hill-SC)(Sienicki)

N O R W A Y R.Norway  
 17840 1400 RN: EE-Norway This Week w/nx items.(454 10/3 Fraser-MA)  
 21575 \*1600 RN: EE-News & Views pgm, mx, OM w/freqs.(444 10/17 Krist-VA)  
 21705 1800 RN: EE-"Norway This Week" & "News & Views"(222 10/31 Zilmer-NM)  
 21730 1810 RN: EE-YL w/nx pgm about Norway.(444 10/10 Mills-VA)  
 25730 1400 RN: EE-Norway This Week & Listeners Corner.(353 10/24 Zilmer)

P O L A N D R.Polonia  
 7270 2230 RP: EE-nx on Panarama, talk on economy.(353 10/5 Fraser-MA)  
 (Robichaud-NB)  
 9525 0217 RP: EE-OM w/ID, info about DX club.(333 10/24 Zolla-CA)  
 (Forsman-CA)

*Christmas is Love*

P O R T U G A L R.Portugal

6075 0530 RP: EE-OM w/ID, Nx, pgm on Philately.(433 11/6 Marin-FL)  
 6155 2318 RR: PP-Rel mx pgm, YL w/rel talk.(322 10/9 Cereghin-MD)  
 9520 0300 RP: EE-OM w/nx, & folk mx pgm.(434 10/13 Muzyka-NY)  
 11845 2215 R.Japan: EE-Nx & current affairs pgm.(232 10/25 Zilmer-NM)  
 11925 0303 RP: EE-Headlines of todays news.(322 10/22 Sanderson-AZ)  
 (Sienicki-NJ)(Ledford-NJ)(Hahn-CA)  
 21685 1610 RP: EE-YL w/nx pgm, ID, skeds.(423 10/25 Hosmer-MI)(Famularo-CA)

R O M A N I A R.Bucharesti

9570 0213 RB: EE-Cmtry, rock mx, & ID.(433 10/20 Ray-PA)(Krist-VA)  
 9690 2021 RB: EE-Info on the RB Listening Club, including goodies you'll get for 1 report a month for 5 years. (433 10/12 Burke-VA) If you send 1 report a month for 5 years you gotta be dedicated. I would like to know what they offer for such an effort. tml  
 15335 0650 RB: EE-ID, Nx pgm, talk on disarmament.(333 10/26 Ledford-NJ)

S P A I N R.Exterior de Espana

9630 0615 REE: EE-Talk on Fiat cars in Spain.(544 11/5 Forrester-SC)(Krist-VA)(Addison-KS)(Lord-CA)(Smith-FL)  
 11775 0413 REE: SS-EZL mx pgm, nx.(555 10/17 Earhart-PA)  
 11880 0100 REE: EE-YL & OM w/talk on Communist Party.(444 11/9 Valentine-CA)(Duncan-NC)(Bartsch-MN)(Olson-MD)(Clevely-NY)(Johnson-ID)+9  
 15125 0200 REE: SS-OM w/ID, nx, & SS mx.(233 10/11 Miller-CA)  
 15190 2040 REE: ??-NX, MX, spanish by radio.(433 10/25 Ledford-NJ)  
 15375 2002 REE: EE-Pamarama show w/report on last day of political campaigns.(343 10/26 Burke-VA)

S W E D E N R.Sweden Intl

9690 2300 RSI: EE-Nx on Weekday, "Calling All DXers".(454 10/5 Fraser-MA)  
 9695 0230 RSI: EE-OM w/ID, nx on mystery sub which probably escaped.(333 10/15 Duncan-NC)(Picarelli-CA)(Bartsch-MN)(James-NC)(Mills-VA)  
 11705 0248 RSI: EE-OM w/talk on weapons.(444 11/5 Bartsch-MN)(Greenwald-WY)(Picarelli-CA)(Hahn-CA)  
 21615 1410 RSI: EE-Disc of Indian films, mx pgm.(444 10/10 Olson-MD)(Harrell-IL)(Hosmer-MI)  
 17790 1400 RSI: EE-Wld nx pgm, ID,(222 9/27 Picarelli-CA)  
 21700 1400 RSI: EE-"Weekday" & Sweden Calling DXers.(232 11/2 Zilmer-NM)

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

3985 0615 SRI: FF-Talk on SS elections.(444 10/29 Murff-NM)  
 6135 0145 SRI: EE-OM w/nx on Solidarity.(444 11/9 Coleman-MA)(Sienicki-NJ)(Addison-KS)  
 7210 0613 Red Cross Radio: EE-Report on activities of ICRC.(222 10/25 Wilkins-CO)(Schulsinger-OH)  
 9560 0700 SRI: EE-NX, & the Saturday Grapevine.(good 10/16 Koehler-IL)+3  
 9725 0144 SRI: EE-ID, nx pgm, SSWMGR.(343 10/24 Taylor-MO)(Clevely-NY)+5  
 11715 0145 SRI: EE-Wld nx, SSWMGR, mx.(333 10/10 Hill-SC)(Valentine-CA)(Picarelli-CA)(Addison-KS)(Greenwald-WY)(Ward-NE)  
 15305 0657 SRI: EE-S/on, freqs, ID.(333 10/10 Leonard-ME)(Shamblin-CA)+ 2  
 17795 1030 SRI: EE-pgm of Swiss country mx, nx.(343 10/10 Welch-MA)  
 17830 1818 SRI: EE-NX on Dateline, talk on Poland.(433 10/11 Krist-VA)(Grijalva-AZ)(Famularo-CA)(Hahn-CA)  
 21570 1528 SRI: ??-ID in EE, Dateline. This freq to Mid East.(433 10/13 Burke-VA)(Ulmer-IA)  
 21695 0900 SRI:EE-"Dateline" w/interviews & reports.(454 10/28 Sugai-Japan  
 25780 1318 SRI: EE-OM w/nx pgm, ID, SSWMGR and answers to technical questions.(454 10/9 Hesch-NY)(Zilmer-NM)

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

3955	0625	BBC	Murff-NM	9590	0000	BBC	Addison-KS
5975	0604	BBC	Ward-NE	9640	0908	BBC	Duncan-NC
6005	0516	BBC	Preston-CA	9915	0018	BBC	Thompson-CA
6055	0342	BBC	Johnson-ID	11770	0030	BBC	Clevely-NY
6120	1045	BBC	Addison-KS	11775	1200	BBC	Hesch-NY
6175	0300	BBC	Hill-SC	11955	0855	BBC	Duncan-NC
6195	1130	BBC	Duncan-NC	15070	2330	BBC	Hill-SC
7150	0712	BBC	Ledford-NJ	15400	0659	BBC	Leonard-ME
7325	0318	BBC	Leonard-ME	17715	1630	BBC	Hosmer-MI
9410	0446	BBC	Leonard-ME	17790	1425	BBC	Ray-PA
9500	0200	BBC	James-NC	21590	1430	BBC	Picarelli-CA
9505	0205	BBC	Addison-KS	25650	1430	BBC	Fraser-MA
9510	1130	BBC	Duncan-NC				

U	S	S	R					
5980	2120	R.	Moscow	Krist-VA	11750	0355	R.	Moscow Earhart-PA
5985	1400	R.	Tashkent	Carlson-WA	11785	1205	R.	Tashkent Olson-MD
6020	1504	R.	Moscow	Berri-CA	11820	1745	R.	Moscow Barrett-PA
6985	2145	R.	Tallin	Parks-FL	11850	0015	R.	P&P Ulmer-LA
7145	0300	R.	Moscow	Smith-FL	11975	1010	R.	Moscow Ray-PA
7165	0300	R.	Kiev	Krist-VA	12045	0400	R.	Moscow Preston-CA
7440	0310	R.	Moscow	Schulsinger-OH	12075	0110	R.	Moscow Stone-ONT
9540	1200	R.	Tashkent	Krist-VA	15140	0316	R.	Moscow Johnson-ID
9450	0501	R.	Moscow	Leonard-ME	15180	0317	R.	Kiev Zolla-CA
9490	2110	R.	Moscow	Smith-FL	15240	0030	R.	Kiev Krist-VA
9580	0400	R.	Moscow	Fama-CA	15425	0307	R.	Moscow Marshall-A
9600	0440	R.	Moscow	Krolak-MI	15455	1400	R.	Rodina Ulmer-LA
9610	2300	R.	Moscow	Smith-FL	15350	0706	R.	Moscow Leonard-NC
9635	2000	R.	Kiev	Clevely-NY	15540	1430	R.	Moscow Duncan-NC
9675	2330	R.	Moscow	James-NC	15465	1105	R.	Moscow Krist-VA
9685	0030	R.	Kiev	Krist-VA	17732	0300	R.	Moscow Wilkins-CO
9700	0125	R.	Moscow	Sienicki-NJ	17795	1540	R.	P&P D'Angelo-C
9720	2315	R.	Moscow	Barrett-PA	17845	1500	R.	Moscow Fraser-MA
9770	0010	R.	Moscow	Clevely-NY	17870	0030	R.	Kiev Krist-VA
9800	0030	R.	Kiev	Fraser-MA	17900	0300	R.	Kiev Grijalva-A
11715	0118	R.	Moscow	Picarelli-CA	21485	0030	R.	Moscow Fraser-MA
11720	0020	R.	Moscow	Fraser-MA	21565	0247	R.	Moscow Grijalva-A
11735	0036	R.	Kiev	Ulmer-LA				

V	A	T	I	C	A	N	S	T	A	T	E	R.	Vaticana
6015	0100	RV:	EE-OM	w/report	on	U.N.	day.	(344	10/26	Olson-MD)	(Barrett-PA)	(Krist-VA)	(Picarelli-CA)
6210	0740	RV:	FF-OM	w/report	on	the	Pope.	(322	11/4	Ledford-NJ)			
9620	0905	RV:	SS/PP/FF/EE	-Special	bcst	on	Pope.	(333	10/5	Ledford-NJ)			
11700	2128	RV:	EE-YL	w/a	talk	on	the	Pope.	(454	10/31	Cucura-PA)		
11740	0645	RV:	LT-Mass	in	Latin.	(444	11/1	Wieboldt-FL)					
11845	0100	RV:	EE-YL	w/ID,	&	discription	of	services.	(444	10/20	Addison-KS)		
													(Picarelli-CA)
11955	0115	RV:	SS-OM	w/ID,	religious	pgm.	(544	10/5	Stone-ONT)				
15110	1505	RV:	EE-YL	w/a	talj	about	Lebanon.	(222	10/19	Hosmer-MI)			

Y	U	G	O	S	L	A	V	I	A	R.	Yugoslavia
9620	2213	RY:	EE-IS,	YL	w/ID,	freqs,	OM	w/nx	(343	10/30	D'Angelo-PA)
											(Hosmer-MI)
9670	2224	RY:	EE-Report	on	exports,	ID,	sked,	IS.	(433	10/15	Ulmer-LA)

Not much to report this month in the way of news. There are a few items in the WBI but they are of no great interest, so I have refrained from boring you with them. A sked is out for France's new service to Latin Amer and will probably be in the Skeds column.

This is my 24th column and it seems that every month I learn some new shortcuts to do the column quicker. This one only took me 4 hours. That's quite a difference from the first one that took me about 15 hours. to complete.

I hope Santa brings everyone what they are looking for for Christmas. I'm looking for an Atari 800 or a Commodore 64. Well I always did wish big. I have been wanting a computer for years but could never afford one until this recent technological advance that has brought the price within reach. Who would have ever thought one might buy a computer with 48 K of RAM for as little as \$500.00?

This wraps up December. Have a Merry Christmas & Happy New Year!

*Jerry Lindby*

Merry Christmas

and a

Happy

New Year

# SWBC DX

## AFRICA



**Radio Television Kaduna**

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2137 W. Farwell Ave.  
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**FEBA**  
**Seychelles**

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

YOU MIGHT NOT HEAR IT FROM THE ZBS. . .

ZAMBIA'S MULTI-MILLION KWACHA MASS MEDIA COMPLEX IN LUSAKA SEEMS TO BE SOMETHING OF A WHITE ELEPHANT. In 1970, Zambian President Kenneth Kaunda gave the go-ahead for what would have been one of the most comprehensive mass media complexes in Africa. Today, the complex is still not functioning and the dream is in danger of becoming a nightmare. The complex, conceived in the late 1960s at a cost of K11-million then, will house the Zambia Broadcasting Services (ZBS), Zambia News Agency, and Zambia Information Services, and will provide ultra-modern facilities, but the original cost has since more than trebled. Today, it could cost more than K50-million.

A number of things have led to the delay in the opening of the complex. The Zambia Broadcasting (ZBS) staff at one time warned the Minister of Information and Broadcasting Services that the complex might turn into a white elephant if measures were not taken to provide necessary staff; to operate smoothly, the complex would need four times the present staff. To avert the crisis, the staff then recommended that expatriates should run it until enough ZBS staff were trained to take over.

But as things stand at the moment, ZBS has only 10 qualified engineers to run the complex--it requires the services of 200 technicians! And reports from the complex indicate that about K2-million worth of new equipment at the complex is either already out of order or is not working. The damage caused to these machines is due to a lack of proper training for ZBS technicians. In fact, the technicians handling the machines only attended a four-day orientation course conducted by the Japanese experts--they were then left to run the complex systems.

A ZBS spokesperson says, "To expect such technicians to understand fully the operations of such complex machines after only a few day's course is expecting too much. The solution before further damage is done is to send people for more specialized training."

Last July, a permanent secretary from a different Ministry accompanied by a spokesperson for the Ministry of Info and Services, was told during a tour of the complex, that some ZBS office orderlies had been deployed in technical jobs because of the shortage of trained staff. The ZBS chief engineer also said that the Japanese were not keeping their contract because they had been allowed 12 months in which to train staff to man the complex.

The government has now arranged another agreement with the Japanese government for the training of personnel for the complex. The National Commission for Development Planning is currently helping the Ministry to look for places where to train staff, while the Ministry of Works and Supply has promised to supply additional staff to run the complex. At the same time, short courses are currently underway with the help of the Zambia Inst. of Mass Communications for ZBS staff, the government has also released K2-million for buying vehicles for the complex.

But until all of this is done, the mass media complex will be criticized. As the Times of Zambia said, "It is now almost 12 years since the project was conceived. It is one baby that is causing the expectant nation concern."

(Via November, 1982, New African)

## ANGOLA

The "Voice of Palestine" px produced by the FLO and bcst in R. Nacional de Angola's B px, announces the following mailing address: The Voice of Palestine, P.O. Box 421, Luanda, People's Republic of Angola (B8CMS).

5011v 2250 Em. Regional do Mocamodes; PP, lang tx w/mention of Angola and Namibia by OM, ID, NA, 2315\*, xmtr seemed rather unstable, het de UTEs, 10/8 (Parks, FL)

11940 2105 UNID station; suspect Angola here w/FF OM tx, afro mx, radio drama, more mx, 2245, nx, 2255 YL take over. Never seem to pull an ID, 11/4, 343 (P. Thompson, CA)\*\*Peggie, this sounds more like Africa Number One. Keep me posted. mln.

11955 0542 R. Nacional; PP, tx by OM and YL, local mx featured, 434, 10/20 (Sharp, FL)

## ASCENSION ISLAND

6005 0500 BBC Relay; EE, ID, nx px to Africa (Greenwald, WY)

15260 2300 BBC; EE, World Svc, nx of Europe (B. Miller, CA)

17880 1650 BBC; EE, "Meridian" px, 10/19 (Hosmer, MI)

## BENIN

4870 2L09 ORTB; FF, Tx by OM, mention of Benin, into lcl mx, 333, 10/20 (Sharp, FL)

## BOTSWANA

4845 0421 R. Botswana; Sets, tx by OM, variety of mx, QRM de SRS, 323, 10/20 (Sharp, FL), \*0358, EE, cowbell/animal IS, 0359, NA, 0400, YL mention of "Gabarone," 343, 11/2 (Norcross, CA)

## CAMEROON

4000 0453 R. Bafoussam; Vern, EE & FF, OM tx in Vern and drum mx, 0459, ID and nx in EE, FF nx 0503, 333, 10/26 (Cucura, PA), 2255, FF/EE ID, 2302\*, 10/28 (Parks, FL)

4750 0443 R. Bertoua; Vern, ID and freq in EE & FF 0445 s/on, NA and drums, short nx in Vern and local nx, 10/26, 353 (Cucura, PA), 0450, FF/EE, OM cmty w/native mx interludes, ID at 0501, 10/15 (Barrett, PA), 2230, FF/Vern, OM w/hi-life, rock mx, occasional IOs hrd, 10/28 (Parks, FL)

4850t 0105 R. Yaounde; FF, IDs in FF, EE pop vocals, on late tonite, I guess, 10/14 (Van Horn, TX)\*\*I'll say. mln. 0500, FF nx by YL, ID, into brief mx, then OM tx, 444, 11/1 (Sharp, FL), 0435, FF, OM, audible after 0435\* for Suriname, 10/13 (Pimblett, AB)

5010 0438 R. Garoua; FF, OM w/chanting, OM in FF, ID and nx(?) at 0500, back into Afro mx, 10/13 (G. Van Horn, TX), 0459, FF OM anmts, nx by YL, 10/27 (Pimblett, AB), 0430, FF/EE, nx at 0500, 10/25 (Sharp, FL)

## CANARY ISLANDS

15364m 0200 REE; SS, 0200, nx 0215, excerpts from Juan Carlos speech, 0230\*, IS, freq really is 15,364, 10/29 (Wilkins, CO)

## CAPE VERDE ISLANDS

7155 0730 Voz de Cape Verde; PP, NA, ID by OM, anmts and freq, into unusual mx, first (and last) time hrd, 322, 10/30 (Sharp, FL), 0740, PP, guitar and vocal mx, 0801, 2-note gong IS, ID, nx, 0806-25, disco mx, OM, much QRM from BBC on 7150 and ARO, 10/26, 222 (Wilkins, CO)

## CENTRAL AFRICAN

5035 2142 REPUBLIC LV de CAR; FF, px of lcl and pop mx, tx by OM DJ, pretty nice signal, 344, 10/26 (Sharp, FL)

## CONGO

15190 2300 RTVCongolaise; FF, chants, OM tx, ID, reminds me of years past when this one was hrd well on 15190, 10/28 (Sharp, FL)

## EGYPT

9475 0230 R. Cairo; tx on Mid-East conflict, 343, 11/2 (Klasek, MO), 0200, YL w/ID, AA mx, EE, 333, 10/27 (Zolla, CA), 0200, EE, 11/5 (Craig, OH), 0213 (Harrell, IL)

10005 2253 R. Cairo; tent in AA w/OM tx and AA mx, YL tx, 2259, chimes like RC into more AA mx, 10/24 (Provance, OH)

12000 0204 RC; EE, OM and YL w/classical mx, bad hum on frequency 10/17 (Shamblin, CA)

## ETHIOPIA

The Voice of the Broad Masses of Eritree, which is hostile to the government of Ethiopia and claims to beest from liberated territory is showing the following sked: 14315-14335 kHz variable and 3725-3799 kHz variable. 0430-0600/1430-1630/and 1800-2000 GMT. Languages used include Tigre, AA, Afar, Amharic and other indigenous dialects (BBCMS).  
7110 0328 Voice of Rev. Ethiopia; Amharic, flute IS, time pips (4), ID and tx by OM, into px of very interesting indeg. mx, 333, 10/31 (Sharp, FL) \*\*VoRE has a really neat-sounding IS. mln.

## GABON

4810 0508 Africa #1; FF, pop mx, YL w/ID, mx, nx, 10/13 (G. Van Horn, TX), 2044, FF, pop mx, 10/29 (Sugai, Japan), 2237, FF, usual pop mx, nx at 2345, //11940 (Thompson, please take note...mln), 10/15 (Pimblett, AB), 2251, ID at end of nx, OM tx, YL w/s/off (Gilster, NC)+1  
11940 2028 ANO; FF, OM request px, lcl mx & ID (Cucura, PA)  
15200 0610 ANO; FF, mixed bag of mx, hi-life, Rolling Stones, YL, //4810, 353, 10/13 (Wilkins, CO)

## GHANA

4915 2250 Ghana BC; EE/Vern, EE nx by OM, prayer, hymn, air raid siren for 30 seconds, NA, s/off 2305, 454, 10/24 (Sharp, FL), \*0500, Vern, drums, sirens, s/on, chorus mx, relg px, 10/13 (Wilkins, CO)

## IVORY COAST

4940 0600 RTVivorienne; tent w/NA, s/on in FF, afro mx, did not hear ID, so tent., 10/13 (Gayle Van Horn, TX)\*\*Gayle, next time you hear this, check 11920 to see if px's are parallel...mln. 2146, FF, native drum mx, OM/YL tx, laughing, good sig, 11/7 (Cereghin, MO)

## KENYA

4934 0350 Voice of Kenya; Vern, YL w/U.S. pop tunes, 0400, TC and ID, nx by OM, 232, 10/26 (Cucura, PA), 2000, EE, tx by OM and ID, into mx px, 10/18 (Sharp, FL)

## LESOTHO

4800t 0402 R. Lesotho; EE YL anmt, NA, 0403, OM chants, 332, 11/2 (Narcross, CA), 0400 in Sesotho, relg mx into jazz, lost by 0445, 10/13 (G. Van Horn, TX), ID at 0400, 353, 10/23 (S. Foreman, CA)+1  
11830 1700 BBC Relay; YL BBC WS nx in EE, 10/28 (Thompson, CA)

## LIBERIA

3255 2216 ELBC; EE w/local mx and anmts, lottery drawing, death notices, ID as "...ELBC broadcasting from Monrovia," 252, 10/27 (Gilster, NC), 2314, exceptional lvl, final nxcst, relg ads, first hrd in 3 years at my QTH...11/6, best on band (Cereghin, MO), 0535, Vern, OM in mish-mash of languages, lots of tx, occasional Afro chants, 0558, f/out 0601, 222, 10/29 (Murff, NM), 0517, px of Afro mx, 10/27 (Pimblett, AB), 2233, EE, calls to listeners, "Wednesday Night Request Treat" px, final nx best, many U.S. songs (Krist, VA), tent. at 0615 in Vern, EE TC, 10/14 (Halbert, CA)  
4765 2206 ELWA; EE, VoA nx, abruptly into local nx at 2211, ID, 252, 10/27 (Gilster, NC)

11870 2110 ELWA; EE, relg preaching, 2115, nx, ID at 2119 as "External Svc of ELWA bcsting to West & Central Africa," gave address for QSL rpts, 10/31 (D'Angelo, PA)  
17870 1600 VoA; EE, "Nightline Africa," 10/31 (Hahn, CA)+1

## LIBYA

11815 0015 SPLAJBC; AA, chants w/occasional tx by OM in AA, 433, 11/2 (Klasek, MO), 2323, EE, nx w/"editorial opinion" included, tx on Afro economics, 10/24 (Harrell, IL), 2300, EE, background on the Green Book (Schulsinger, OH), 2249, EE, (Fisher, RI), 2348, EE (Lindley, AL)+4  
15450t 1800 SPLAJBC; AA, ID into nx, 10/14 (Robichaud, NB)

## MALI

4783 2217 R. Natl. du Mali; FF, tx by OM, lcl mx, ID, //5995, 333, 10/22 (Sharp, FL)  
5995 2234 R. Natl. du Mali; FF, weak sig, 2 OMs yelling at each other, 232, 10/10 (Cereghin, MD)

MAOAGASCAR  
 15220 2042 R. Nederland; EE, newsroom, several IOs, into "Media Network," 2119\*, 10/14 (Krist, VA), 1830, "Happy Station," 10/31 (Jeff Hahn, CA)

MAURITANIA  
 4845 2236 RNdMauritanie; AA, tx by OM, into chants featuring lcl insts to past 2250, 434, 10/23 (Sharp, FL)

MOROCCO  
 11730 0400 RTVM; AA, nx followed by YL vocals (concert w/applause), 0459, IO, 0500 possible nx (Wilkins, CO)  
 11845 0438 VoA Relay; mx and YL tx in lang, 10/16 (Earhart, PA)  
 17705 2107 RTVM; AA, tx by OM, IO, //15105, 10/21 (Sharp, FL)  
 21630 1713 VoA; Lithuanian/EE, IS, 1730\*, 10/19 (Hosmer, MI)

NAMIBIA  
 4965t 0410 SWABC; Afrikaans, lots of tx, no IO, 0438, f/out, 342, 11/2 (Norcross, CA), tent. w/px in EE/GG, continuous EZL mx, tent. IO at 0357/0457, 10/31 (Schulsinger, OH), 0405, Afrikaans, OM, pop tunes, 10/14 (Pimblett, AB)

NIGER  
 5020 0530 ORTN; FF, NA, opening anmts by OM, into Koran to abt 0600, 343, 10/23 (Sharp, FL)

NIGERIA  
 4770 0441 FRC/Kaduna; pop mx, TC, Nigerian nx at 0500, mx, relig tx, spy G numbers stn underneath, 10/15 (Burke, VA)  
 5965 2204 Plateau BC; EE/Vern, political tx by OM in EE, into local mx and CSW mx and mention of Jos (Parks, FL)  
 6050 2201 FRC/Ibadan; EE, nx followed by patriotic pep tx, Afro mx, fair past 2230, 10/9 (O'Angelo, PA)  
 7145 0602 R. Kwara; tent in EE w/nx by OM to 0614, hrd "R. Nigeria" IO during nx, bad ARO QRM, 311, 10/17 (Pimblett, AB)\*\*If you hrd "RN" IO, why tent??mIn.  
 7255 0535 VoN; EE nx of Nigeria, 10/17 (Burke, VA), 0633, FF, OM in FF w/nx, IO, 10/13 (G. Van Horn, TX), 0532, EE, 10/25 (Schulsinger, OH), 0519, EE, 10/14 (Ulmer, LA)  
 15098.5 2000 VoN; GG, nx, cmt, tribal mx, in EE 2100, hrd here this day only; 15120 not hrd, 10/10 (Wilkins, CO)  
 15120 0724 VoN; EE, OM w/rock mx, 10/16 (Shamblin, CA), 1607, EE, mx w/tx on Nigerian mx industry (Ulmer, LA), 0657, EE, IS, "Nigerian Scene," mx, world nx, 10/28 (Sugai, Japan), 1615, EE, report on Nigerian economy, 10/31 (Hahn, CA), 1635, EE (Hosmer, MI)  
 17800 0450 VoN; EE, bells IS, IO, freqs, Nigerian nx, 10/30 (Ulmer, LA), 0535, EE, OM w/world nx (Lindley, AL)

RWANDA  
 21600 2345 OW Relay/Kigali; GG, radio play, 2350\*, mention of Kigali site, IO in FF, 343, 10/17 (Pimblett, AB)

SEYCHELLES  
 15200 0408 FEBA; EE, relig. mx, sermons, 11/6 (G. Van Horn, TX)

SIERRA LEONE  
 5980 2200 SLBC; EE, local and national nx, many hets, 10/31 (Cereghin, MO), 2310, EE, combination Top 40 and lcl mx request px, TCs, read listener letters, 10/11 (O'Angelo, PA)

SOMALI REPUBLIC  
 6790 0327 R. Mogadishu; AA, OM in AA, chants, 10/14 (G. Van Horn, TX), 0310, AA, Koran, IO by OM, into mx, 11/1 (Sharp, FL), 0435, OM tx and chants (Provance, OH), 0305, tent. w/OM tx, modern mx, first time hrd, 10/16 (Moman, AB), \*0300, local lang w/s/on anmts, chants (Hosmer, MI)

SOUTH AFRICA  
 4990 0407 RSA; EE, nx report by OM, 10/23 (S. Forsman, CA), 0256, EE, IS until 0259, IO and freqs given by OM, 11/8, 322 (Schulsinger, OH), 0403-0410, Cent. Africa nx, spotlight, 222, 10/18 (Burke, VA), 0345, EE, 322, 10/15 (Mountain, BC)  
 5980 0158 RSA; EE, OM w/s/on at 0200 w/freq info, 544, 10/17 (Shamblin, CA), 0200, mailbag show (Sienicki, NJ)  
 9585 2105 RSA; EE, OM nx of Africa, mention that Sudan announced it would help Iraq against Iran, 433 (Coleman, MA)  
 9615 0207 RSA; EE, nx by OM, into commentary, 10/14 (Ouncan,



NC), 0205, EE nx (Shamblin, CA, Addison, KS), 0220, tx on U.S./South African relations (Picarelli, CA)  
 11730 0220 RSA; EE, OM and YL reading letters (T.L.James, NC), +3  
 15155 \*2159 RSA; EE, nx, commentary, 10/17 (Kriest, VA)  
 15325 \*0200 RSA; EE, IS to 0159, EE ID at 0155, into "Africa Today" program, 10/27 (Duncan, NC), 0215, EE, OM w/report on railways, 11/1, 555 (Shamblin, CA), 0213, EE, review of South African economy (Grosvenor, CA)  
 17745 \*2058 RSA; EE, "Africa Today," cmty on FRG-SAF trade (Kriest)  
 21535 1059 RSA; EE, "Africa Today," nx, cmty, 10/27(Sugai, Japan)  
 25790 1535 RSA; EE, "P.O. Box 4559" px, 10/31 (Harrell, IL), 1130, EE, U.S. pop mx, "S. Afr. Hit Parade," 353, 10/23 (K. Kriest, VA), 1320, EE, mx px (Wieboldt, FL)+1

TANZANIA

During week of 11/1, Godfrey Mngodo, Sr. Program Director for R. Tanzania, was in Minneapolis. He said xmtr for the 15,435 kHz RT frequency was originally purchased in fm Chinese and was off air due to the lack of spare parts. Hinted it may return to the air in near future. We were told that the CC xmtrs are less expensive than equipment from other companies/countries...but maintenance and spare parts make it very expensive to keep operating. He was surprised to hear that U.S. DXers have heard RT/Zanzibar, as station is difficult to hear in Dar-es-Salaam. Also, many of RTZ's expansion plans have been postponed due to heavy expenses involved in Ugandan war. (Tom Gavarae, Minnesota, via "Fine Tuning" #213).

TOGO

3222 0602 RT/Lama-Kara; FF, two OM w/tx, nx, cmty, not all in FF, even hrd ads, 10/29 (Murff, NM)  
 5047 0529 R.Togo; FF, IS, NA, ID at s/on, 10/27 (Pimblett, AB)

TUNISIA

7225 0507 RTVT; AA, nx by OM noted, into AA mx to past 0520, 322, 10/29 (Sharp, FL)

UGANDA

15325 0328 R. Uganda; EE, independence celebrations, speeches about rights, freedom & government, 10/9 (Hill, SC), 0340, EE, super sig, but overmodulated, Afro chants, 0345, Listener's Letterbox with mention of SPEEDXer RICHARD SPEER (by the way, they said your QSL was on the way, Richard!), 10/4, 555 (Hosmer, MI), 0415, EE, ID by OM (Carlson, WA), 0300,mx (333, 10/15, Burke,VA)

UPPER VOLTA

4814 2237 RTVV; FF, px of lcl flute mx, seldom IDs, suffered terrible hat, 212, 10/22 (Sharp, FL)

ZAMBIA

4911 0410 ZBS; tx by OM, ID at 0412, into mx (Sharp, FL, 10/30)

DO YOU KNOW YOUR AFRICAN CURRENCY EXCHANGE RATES?

After you read this listing of how Afro currency compares to U.S. dollars, you most definitely will!

Country	Currency	Value US\$	Country	Currency	Value US\$
Algeria	A. Dinar	4.6	Mauritania	Ouguiya	51.3
Angola	Kwanza	30.2	Mauritius	Rupee	11.2
Botswana	Pula	1.1	Morocco	Dirham	6.2
Burundi	B.Franc	90.0	Mozambique	Metical	30.3
Cape Verde	C.V.Escudo	54.7	Nigeria	Naira	0.7
Egypt	E. Pound	1.2	Rwanda	R.Franc	92.8
Eq.Guinea	Ekuele	227.6	Seychelles	Rupee	6.7
Ethiopia	E. Birr	3.5	Sierra Leone	Leone	1.3
Franc Zone	CFA Franc	356.6	Somalia	S.Shilling	6.4
Gambia	Dalasi	2.3	South Afr.		
Ghana	Cedi	2.8	Rand Zone	Rand	1.2
Guinea	Syli	23.0	Sudan	S. Pound	1.1
Gui. Bissau	Peso	41.0	Swaziland	Lilangeni	1.1
Kenya	K. Shilling	11.1	Tanzania	T.Shilling	9.4
Lesotho	Loti	1.1	Tunisia	T.Dinar	0.6
Liberia	L. Dollar	1.0	Uganda	U. Shilling	99.6
Libya	L. Dinar	0.3	Zaire	Zaire	5.9
Madagascar	M.G.Franc	373.0	Zambia	Z. Kwacha	1.0
Malawi	Kwacha	1.1	Zimbabwe	R. Dollar	0.8
Mali	M. Franc	713.1		(via Nov.82 New African Magazine)	

# ASIA-OCEANIA

EDITOR:  
TOM SCOTT  
1200 Cornwell  
Yukon, OK 73099

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



Gee, it sure doesn't look like the A/O section!!! That's because it isn't. It would seem that for the second month in a row the United States Post Office has played games with us here at SPEEDX publishing Headquarters. I'm typing this on Nov 26. Tom says he mailed the column to me on the 16th! I'm sorry but I can't wait any longer, so to press we go, again without an A/O column. We truly regret not being able to bring you this column again, but what can we do?

I know, how about printing a bunch of ads???

FOR SALE: Drake SPR-4, w/MS-4 speaker, calibrator, QF-1 audio filter, extra crystals, manual. Excellent condition. \$300, shipping included. Robert A. Yajko, 123 Summit St., RD #4, Leechburg, PA 15656 or call (412) 842-8202 between 2100-0300. NO COLLECT CALLS!

FOR SALE: Kenwood R-1000 excellent condition w/1.9 and 2.9 collins mechanical filters. Also 4kHz ceramic filter, switchable AGC (fast-slow). A deal at \$395. Includes shipping. Mark Zavatsky, 196 Figlar Ave., Fairfield, CT 06430. phone: (203) 259-5417

FOR SALE: Panasonic RF-2200 w/ manual for \$95 postpaid or best offer. Will also throw in 75 feet of new antenna wire. Mark Eramo, 5 Kimball Drive, Stoneham, MA 02180.

FOR SALE: Allied/Radio Shack SX-190 SWBC receiver; very good condition, \$150 plus UPS. Yaesu FRG-7; slight fire damage to rear panel, reworked by Yaesu in Ohio but still has problem with ATT switch in DX position. Calibration and overall performance good. \$150 plus UPS. MFJ-1020 Active Antenna, \$50 UPS included. Ameco PCL-P shortwave preselector, \$50. Contact M. Stutterheim, 510 Main St #732, Roosevelt Island, NY 10044. phone: (212) 838-5182...No collects please.

WANTED: RME DB-22-A preselector. Contact M. Stutterheim, 510 Main St #732, Roosevelt Island, NY 10044 or call (212) 838-5182-NO COLLECTS

WANTED: Old club bulletins. I need FRENDX, any before 10/74 and 8 & 9 /75. I also need SPEEDX 6/71 to 11/72 and 12/75 to 12/78. Please state price and condition. Apply to Terry Klasek, 9720 Vickie Pl., St. Louis, MO 63136. phone: (314) 868-7274.

FOR SALE: Bearcat 100 Handheld programmable scanner, like new, \$275, includes shipping. Tom Adams, P.O. Box 1165, Midland, MI 48640 or call (517) 631-7115, nights or weekends.

FOR SALE: Bearcat 300, 50 channel, crystalless, service search scanner. Original packing and manual. Excellent condition, 1 year old. Must sell: \$350...I pay shipping. Mike McKinstry, KDX4H, 1326 South George Mason Drive, Apt. B., Arlington, VA 22204. Call after 0100 GMT (703) 521-0915. No collect calls.

WANTED: I'm desperately looking for an operators manual and schematic for direction finder set AN/SRD-7 with radio receiver R-623/SRD-7, a unit of direction finder set AN/SRD-7. This set was made by Stewart-Warner for the U.S. Navy. If you know where I could find one, please contact me. I will pay reasonable cost of copies and shipping. Thanks. Greg Overton, 4124 Aikins Ave S.W., Seattle, WA 98116.

Let's squeeze in one more ad, then I thought I'd bring you an interesting little article sent into SPEEDX some months ago. We hope you enjoy it, and thanks to Bill Appel for doing all of the work. Again, sorry about the A/O column, but... For now, this is your friendly SPEEDX publisher, John Trautschold, signing off...

FOR SALE: Info-Tech M-200E CW/RTTY/ASCII reader, including a Sanyo 9" video monitor. These plus a receiver are all you need to copy CW/RTTY/ASCII. Chris Devendorf, 29261 Buckhaven, Laguna Niguel, CA 92677.

The following interesting bit of information was submitted by SPEEDXer Bill Appel. He says, "Being somewhat new to shortwaving I've wondered what is the best receiver to have. I took the list of contributors from Feb to Nov of 1981 and came up with the following. It really doesn't prove anything but I thought the members would find it interesting."

The first number indicates the number of contributors. The second number is total contributions...

1	4	2C	Drake	8	17	NC-98	
11	21	5-151-1A	Collins	2	8	NC-190	National
1	5	9R-59D	Kenwood	10	51	NRD-505	Japan Radio
1	1	51J-3	Collins	15	33	NRD-515	Japan Radio
4	4	51J-4	Collins	4	5	NRD-505/515	
7	26	412	Sears	1	1	Normende	
2	8	5100		7	32	Pat-9	Radio Shack
2	3	A-2515		10	40	R-4	Drake
5	12	AX-190	Radio Shack	11	18	R-4B	Drake
1	1	BCR-101	Lafayette	3	3	R-4C	Drake
3	7	124	Bush Ebbs	18	67	R7/DR7	Drake
2	4	CRF-1	Sony	2	2	R7/NRD515	
2	4	CRF-5100	Sony	1	1	R-100	
14	18	DR-7	Drake	6	6	R-300	Kenwood
8	9	DR-22	McKay Dymek	1	6	R-390A	Collins
2	4	DR-33	McKay Dymek	7	15	R-392	Collins
2	12	DX-100	Radio Shack	124	375	R-1000	Kenwood
3	4	DX-150A	Radio Shack	7	7	R-1530	Galaxy
34	103	DX-160	Radio Shack	3	9	RF-085	Panasonic
1	1	DX-190	Radio Shack	2	8	RF-1150	Panasonic
2	9	DX-200	Radio Shack	1	4	RF-2000	Panasonic
88	282	DX-300	Radio Shack	28	72	RF-2200	Panasonic
52	181	DX-302	Radio Shack	43	111	RF-2600	Panasonic
2	2	DXR-2		54	132	RF-2800	Panasonic
5	5	EC-958		12	43	RF-2900	Panasonic
5	21	8307	Eddy	12	32	RF-4800	Panasonic
6	14	FR-4900	Yaesu	9	18	RF-4900	Panasonic
4	11	FR-6600JW	JVC	3	6	RP-8880	Sanyo
252	647	FRG-7	Yaesu	2	2	SLJ4	
103	332	FRG-7000	Yaesu	1	2	SAT-2000	Grundig
20	71	FRG-7700	Yaesu	9	13	SB-310	Heath
7	28	GPR-90	Tech Meterial	1	1	SP-600	Hammarlund
1	1	GR-78	Heath	39	58	SPR-4	Drake
10	21	HQ-100	Hammarlund	20	37	SSR-1	Drake
7	11	HQ-129	Hammarlund	8	21	SW-717	Drake
4	4	HQ-145A	Hammarlund	1	1	SX-43	Hallicrafters
20	39	HQ-180	Hammarlund	3	9	SX-73	Hallicrafters
12	28	HQ-180A	Hammarlund	1	1	SX-99	Hallicrafters
3	3	HQ-200	Hammarlund	1	1	SX-100	Hallicrafters
7	36	HRO-50-T1	National	15	23	SX-190	Radio Shack
17	51	ICF-2001	Sony	14	48	XCR-30	Barlow Wadley
13	40	ICF-5900W	Sony				
17	42	ICF-6700W	Sony				
4	4	ICG-6800W	Sony				

Thanks Bill for that timely bit of information. It will indeed be interesting to take a look at this list 5 or 10 years from now to see which receivers "made it" and which didn't! I'll bet a lot of the old standbys (HQ-180, SP-600, R-390, etc) will still be around!

# RADIO VANUATU

Q. S. L.

FORMERLY RADIO NEW HEBRIDES  
ANCIENNEMENT RADIO NOUVELLES HEBRIDES



Head of slit Gong (Tam Tam)  
from Ambrym Island;  
used in village to village communications  
and in custom ceremonies.

To *JOHN DE WOODS*  
of *MEAR RIDGE COL.*

I AM PLEASED TO VERIFY YOUR  
RECEPTION OF THIS STATION

AT G.M.T. 0815 DATE *30.4.81*  
ON 1125, 3945, 7260 KHz

For RADIO VANUATU  
P.O. Box 49,  
PORT VILA  
VANUATU (NEW HEBRIDES).

Via Henry Lazarus



## Radio Difusora "SAN MARTIN'S.A"



UNA VOZ Y UN SONIDO PARA UN PERU MAS UNIDO

ONDA  
MEDIA  
1130 KHz

ONDA  
CORTA  
4810 KHz

F. M.  
97.5 MHz

con tu preferencia y sintonía... seremos tu eterna compañía!!!

### TARJETA DE VERIFICACION .

Confirmamos su reporte de fecha:  
**21.5.81** de nuestra emisora.  
Onda Media **YVOR 1.180 Kcs.** Onda  
Corta **YVQH 5.040 Kcs.** El mismo  
es correcto y conforme a nuestra  
programación.

Siempre a sus órdenes.

Atentamente  
**Cermele Resplander**

**C. A. RADIO MATURIN**

Maturín, Venezuela 4 de 6 de 1981-



Via Chris Lobdell

**WORLD SERVICE****STATION SKEDS****EMISSIONS****PROGRAMMI**

Editor:

**TRASMISSIONI****BULLETIN DE PROGRAMMES**

CHRIS LOBDELL

**PROGRAMS****ENGLISH SERVICE**

P.O. Box 146

Stoneham, MA 02180

**SERVIZIO****PROGRAMME SCHEDULE**

Deadline: 12th

**COMUNICATI NEL CORSO**

Hello friends, here we are again for another editon of SPEEDX's STATION SKEDS. We are now well into the D82 broadcasting period which will remain in effect until the first Sunday of March 1983. We in the northeastern USA were blessed with some nice Indian Summer for the last few weeks, but it looks like it's over now. Those cold winds are rattling the window panes. Better put the air conditioner and the lemonade away, hi. It's time for hot cider.

Unless otherwise stated, schedules are for English programs, times are in UTC (GMT). Skeds credited to the BBCMS are copywrited by the BBC's World Broadcast Information Division and are used by permission.

**AFGHANISTAN.** Radio Afghanistan sends along this sked.

1000-1030 6230, 15255, 21460

1900-1930 9665, 11960, 15077

Transmitters on 6230, 15077 are from Afghanistan, the rest are USSR relays.

(C. Stark)

**ARGENTINA.** RAE (Radiodifusion Argentina Al Exterior) in Buenos Aires sends this sked, effective September 1st.

0100-0130 6060 The Americas

6180 "

9690 "

11710 "

0230-0300 ditto "

0430-0500 " "

1100-1130 11710 Far East

1930-2000 15345 Europe, Africa, ME

2230-2300 11710 The Americas

(R. Fraser, C. Stark)

**BULGARIA.** Radio Sofia has this winter schedule which became effective on October 31st.

1930-2000 9700 Europe

11720 "

2130-2200 7115 "

9665 "

9700 "

2230-2330 9700 North America

11720 "

0000-0100 9700 "

11720 "

**BULGARIA: CONTINUED.**

0400-0500 7115 North America

0730-0800 9700 Europe

15110 "

(D. McCants.)

**CHINA (PEOPLE'S REPUBLIC):** Radio Peking has the schedule to the Americas, effective October 30th.

0000-0100 11650 ECNA

15120 "

15520 "

0100-0200 11650 "

15120 "

15520 "

0200-0300 11650 "

15120 "

0300-0400 11650 WCNA

15120 "

15520 "

0400-0500 11650 "

15120 "

1200-1300 9820 ECNA

(R. Hecht, C. Radtke, D. Stewart "YM")

**ECUADOR.** Radio Station HCJB, The Voice Of The Andes has this D82 schedule.

0030-0700 9745 North America

0030-0500 15155 "

0030-0200 17885 "

0030-0130 15175 "

0500-0700 6095, 11915 "

0700-0830 9720, 11835 Europe

0700-1030 9745 South Pacific

0700-1100 6130 "

11925 "

ECUADOR: CONTINUED

1200-1430	11740	North America
1200-1530	15115	The Americas
	17890	"
1730-1800	17825	Europe
	21480	"
1900-2000	17825	"
	21480	"
2130-2200	15295	"
	17825	"
	21480	"

(K. Krist, W. Muzyka)

EGYPT. Radio Cairo, undated sked to North America.

0200-0330 9475, 12000  
(B. Reinecker.)

FINLAND. Radio Finland in Helsinki has this D82 sked.

0800-0925*	15265	Europe
0930-0955	6120	"
	11755	"
	15265	"
0800-0955	21465	Far East/Australia
0930-0955	21465	"
1200-1225@	15400	N. America/ME
	21475	"
1300-1325@	15400	"
	21475	"
1330-1525*	15400	"
	21475	"
1400-1425@	15400	"
1500-1525@	15400	"
	21475	"

1400-1425@ 25950 S. America/W. Afr.

Exceptions: FAR EAST-AUSTRALIA:

There is no transmission every 2nd Monday; MIDDLE EAST-NORTH AMERICA: The 13 meter band outlet not available between 1200-1425 every 2nd Monday; SOUTH AMERICA-WESTERN AFRICA: No transmission every 2nd Monday.

\* = Sunday only

@ = Monday thru Saturday.

(W. Muzyka, M. Pfeffer, L. Burke)

HUNGARY. Radio Budapest has this current schedule. To North America.

0200-0230*	6025, 9585, 9835, 11910, 15220, 17710
0300-0330	6025, 9585, 9835, 11910 15220, 17710
0400-0415@	6025, 9585, 9835, 11910, 15220, 17710

\* = Tuesday thru Sunday.

@ = Wednesday and Saturday

(R. Hesch, M. Pfeffer, C. Stark)

INDIA. All India Radio in New Delhi has this S82 sked. Sorry, but this is the most current one on hand.

1000-1100	15205	Australia-NZ
	15320	Northeast Asia
	17387	"
	17705	Australia-NZ
	17875	"
	21695	Northeast Asia
1330-1500	11810	Southeast Asia
	15335	"
1745-1830	9595	Western Asia
	11620	"
1800-2000	11830	East Africa
	15265	"
1845-2230	9665	UK/Western Europe
	11620	"
1945-2045	9755	West/N. West Africa
	11865	"
2000-2230	9912	UK/Western Europe
2045-2230	9912	Australia/N.Z.
	11755	"
	15110	"
2245-0115	7215	East/Southeast Asia
	9605	"
	11765	"
	11900	Northeast Asia
	15110	East/Southeast Asia
	15330	Northeast Asia
	17805	"

(C. Stark)

ITALY. Radio Tele-Pace in Verona has this schedule. Programming is in Italian.

1700-2000 15460 South America

2000-0600\* 15460 "

\* = Identification tape only.

(R. Fraser.)

KOREA (North): Voice of the Revolutionary Party For The Reunification

1400-1430 4120

4557

2230-2300 4120

4557

(R. Famularo.)

NORWAY. Radio Norway International in Oslo has this D82 schedule.

1000-1030	6015	North Europe
	9590/11870	New Zealand
	21700	Australia
	25730/21730	Far East/NZ
1300-1330	6015	North Europe
	9590	ME/ East Africa
	25730	Africa/Medit.
	25615/21730	W. Europe/Africa

NORWAY: CONTINUED:

1400-1430 6015 N. EUROPE  
 21700 WCNA  
 25730/21730 N. America  
 26030/17830 S. America  
 1600-1630 6015 N. Europe  
 21725 ME/E. Africa  
 25615 Medit./Africa  
 25730/17875 W. Europe/Af.  
 1700-1730 6015 N. Europe  
 15175 WCNA  
 25615/21700 N./C. America  
 25730/21730/17830 S. America  
 1900-1930 6015 N. Europe  
 9590/11840 N. Pacific  
 11870/11735 Far East/NZ  
 15175/11850 N. Pacific  
 2000-2030 6015 N. Europe  
 11850 C. America  
 15175/17875 South America  
 15225 W. Eur./SAM  
 2300-2330 6015 N. Europe  
 9590/11870 Far East/NZ  
 9610/11850 Australia  
 11860/15175 "  
 0000-0030\* 6015 N. Europe  
 9610/11860 C. America  
 11850/11760 S. America  
 11870/15175 Eur./S. Am.  
 0400-0430\* 6015 Europe  
 9590/9685 WCNA  
 6185/9675 "  
 9610/6030 Far East/NZ  
 0500-0530\* 6015 Europe  
 11870 Medit./Africa  
 15175 ME/E. Africa  
 15185/17715 Middle East

The English program is broadcast on Sunday (\* = Monday GMT) only.

Where more than one frequency is listed, try both.

(M. Chinsky, F. Fraser)

OMAN. Radio Oman in Muscat sends this schedule, current as of October 9th.

0200-0600 9510 Arabic  
 0600-0800 15105 "  
 0200-0800 11890 "  
 0900-1100 11890 English  
 15105 "  
 1100-1500 11820 Arabic  
 1100-2130 11890 "  
 1500-1600 9655 "  
 1600-2130 9510 "  
 (C. Stark)

HAPPY BIRTHDAY JESUS, HAPPY NEW YEAR TO ALL !!!!!

SWEDEN. Radio Sweden in Stockholm has this D82 schedule to the Americas.

0230-0300 9695  
 11705  
 1400-1430 21615  
 2300-2330 9695  
 11705  
 (Direct.)

SOUTH AFRICA. Radio RSA has this current schedule. Sorry it's out of order!

0200-0257 5980, 9615, 11730,  
 15325 To North America  
 (G. Duncan)

USSR. Radio Moscow has this North American Service schedule.

EASTERN NORTH AMERICA

2300-0100 7.11\*, 7.15\*, 7.16\*, 7.19\*\*\*,  
 7.21\*, 7.44\*  
 9.53\*\*, 9.61, 9.71\*\*, 9.76,  
 9.80\*  
 11.78\*\*, 11.86\*\*, 11.96\*\*,  
 12.01\*\*, 12.05  
 15.14, 15.45, 17.72, 21.56  
 0000-0100 6.11  
 0100-0300 6.11  
 7.11\*, 7.15, 7.16\*, 7.19\*\*\*,  
 7.21\*, 7.44\*  
 9.61, 9.70, 9.71\*\*, 9.76,  
 9.80\*  
 11.78\*\*, 11.86\*\*, 11.96\*\*,  
 12.01\*\*, 12.05  
 15.14, 15.45, 17.72, 21.56  
 0200-0300 7.13\*  
 0300-0400 6.11  
 7.11\*, 7.13\*, 7.15, 7.19\*\*\*,  
 7.44\*  
 9.58, 9.61\*\*, 9.70, 9.76,  
 9.80\*  
 11.86\*\*, 11.96\*\*, 12.01\*\*,  
 12.05  
 15.14, 15.45, 17.72

WESTERN NORTH AMERICA

0400-0500 7.26\*, 9.58, 9.73\*, 12.05,  
 12.01\*\*, 15.14, 15.24, 15.45,  
 15.47\*\*  
 0500-0700 15.24  
 0500-0800 7.17\*, 7.26\*, 9.50\*, 9.58,  
 9.73\*, 9.79, 11.71\*\*, 11.75\*\*,  
 12.01\*\*, 15.47\*\*

\* = Till March 5; \*\* = from March 6th.

\*\*\* = till December 31st.

Radio Moscow rounds off freqs, so 7.26 could be either 7.265 or 7.260.

(J. Berri, M. Chinsky, M. Eramo,  
 D. Ewing, W. Muzyka, M. Pfeffer,  
 F. Welch)

*Chinsky*

# UTILITY SCENE

## EDITOR:

MIKE CHABAI  
6171 E. Bellevue #19  
Tucson, AZ 85712

AM RTTY USB ISB  
LSB CW FAX A3H

COLUMN  
COVERAGE  
0-30 MHz  
H.F.

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

Hello Gang, The first installment of the SRGU was intrusted to the tender loving hands of the US Postal Service on 01 Nov 82. So the beast is at last on the move. Check the Speedx bulletin for a price & availability notice.....

\*\*\* Our own LVH-TX will be authoring the SRGU HF Space/Satellite Primer. Larry wants to flesh out his primer, and is seeking info on the following: (a) HF freqs monitored versus spacecraft system/xmsn modes = (b) successes in decoding telemetry signals... (c) monitoring of Russian Cosmos and PIC satellite systems (freqs, monitoring times, xmsn modes, etc)... (d) is anyone working on a freq chart, or has done research involving the NON-VOICE Russian sat/ground comms in the 19 to 20.5 MHz range? If so your input would be appreciated.... (e) shack setup of any active Satcomms buff - rigs, antennas, and any special gear used to monitor, voice, CW, RTTY, FAX, etc. Address ALL data to

Larry Van Horn  
SRGU Space Project  
1111 North Carrier Parkway, Apt B-107  
Grand Prairie, TX 75050

If you wish to get on the horn and discuss space systems with Larry, he can be reached after 1900 CST at: (214) 642-8407 (NO collect calls)

By the way, Larry is the Space Comms editor for RCMA.....  
Heavy input this month, so lets get into the loggings....

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

BER.: 16947 C 1835 VRT- C&W Hamilton v mkr (SPH-GA)  
CAN.: 3001 U 0420 VFG- Gander Aero - VOLMET b/c (SS-NJ)  
5097 C 2330 CFH- CANMIL Halifax - tfc list (TJY-MD)  
5703 U 0442 ANAPOLIS wkg Shearwater Military (GHS-IL)  
5803 U 1346 Hay River - river nav b/c (DW-ALB)  
8440 C 0640 VCS- Halifax MARCO - V mkr (JEB-GA)  
8453 C 0150 VAI- Vancouver CGR wkg GOVG (JEB-CA)  
8696 C var. CFH- CANMIL Halifax- Cq/QSX mkr (LM-VA) (JEB-CA)  
8868 U var. VFG- Gander - VOLMET b/c (RF-WA) (FAG-NC)

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

8910 U 1649 AIR CANADA 879 wkg Gander Aero (JR-ND)  
8938 U var. SINGAPORE 12, AIR CANADA 16, JAPAN AIR 60 wkg Anchorage Aero (JDW-MN)  
8938 U 0042 PAN AMERICAN 443 wkg Resolute Bay Aero (JDW-MN)  
8945 U var. SPEEDBIRD 88, AIR FRANCE 066 wkg Gander Aero (JDW-MN)  
8945 U var. AIR FRANCE 1112, LUFTHANSA 515, IBERIAN 946 wkg Santa Maria Aero (JDW-MN) (RBC-CA)  
8959 U 0150 IBERIA 942 wkg New York Aero (JDW-MN)  
8964 U var. MAC 40634, MAC 60261 wkg Hickam Aways (JDW-MN)  
8980 U 1934 CG 1419 wkg CGAS Savannah GA (BLA-FA)  
8984 U 0101 CG 1602 wkg CG Kodiak AK (JDW-MN)  
8984 U 0058 CG 2112 wkg CG New Orleans LA (JDW-MN)  
8989 U 0004 MAC 90005 wkg McClellan Aways (JDW-MN)  
8989 U 0358 MAC 50252 c1g Elmendorf Aways (RBC-CA)  
8989 U 0343 MAC 67953 wkg MacDill Aways (GHS-IL)  
8993 U var. TEAL 07, CG 2116 wkg MacDill Aways (JDW-MN)  
8997 U 0456 MAC 50220 wkg McMurdo Center (GHS-IL)  
9001 U 0055 ROYAL 1900 wkg SS Boyeros Control (RJI-LA)  
9003 U 2217 CUBAN JORDANIAN 813 wkg Amman Ops (RJI-GA)  
9006 U 0327 CANADIAN MILITARY 6471 wkg CANMIL Lahar (GHS-IL)  
11233 U var. CANMIL 306, CANMIL 6186 wkg CANMIL Trenton (GHS-IL)  
11246 U 0344 MAC 67953 wkg MacDill Aways (GHS-IL)  
11300 U var. LIMA JULIET 7233, PORTUGUESE 156 wkg Khartoum (JDW-MN)  
11300 U 0039 ZIMBABWE 129 wkg Tripoli Aero (JDW-MN)  
11300 U 0254 IBERIA 968 wkg Nairobi Aero (JDW-MN)  
11387 U 1810 AMERICAN 635 wkg New York Aero (HDT-WV)  
11396 U 1305 MAC 70165 wkg Panama Aero (RJI-LA)  
13244 U 1546 CG 1504 p/p CG Portsmouth via MacDill Aways (GRW-OH)  
13282 U 2153 JAPAN AIR 61 wkg San Francisco Aero (HCB-WA)  
13300 U 0435 SOUTH PACIFIC 401 wkg Honolulu Aero (RBC-CA)  
13300 U 0540 SCANDINAVIAN 989 wkg Tokyo Aero (RBC-CA)  
13300 U 0441 EXPRESS 312 wkg Nandi Aero (RBC-CA)  
13304 U 0236 ZIMBABWE 124 wkg Tripoli Aero (JDW-MN)  
13304 U 0242 ANGOLA 5921 c1g Kano Aero (RBC-CA)  
13336 U var. SINGAPORE 2, WESTERN 532 wkg San Fran Aero (JDW-MN)  
13348 U 0035 a/c 801 wkg Narita (tokyo) Aero (JDW-MN)



CAN.: 10945 C 0311 CPH- CANWIL Halifax - ZNR/QSX (TJY-WD)  
 17174.2 C 2106 VAI- Vancouver OGR - V mkr (LM-VA)  
 MEX.: 4268 C 0130 XFK- La Paz MARCO - CQ mkr (GLT-NW)  
 4290 C 0446 XPU- Vera Cruz MARCO - CQ mkr (SN-TY)  
 8471 C 1825 XPL- Mazatlan MARCO - CQ mkr (JEB-CA)  
 8690 C 0605 XFS2- PEMEX Madero MARCO- CQ mkr (SPH-CA)  
 12675 C 2320 XFK- La Paz MARCO - CQ mkr (JEB-CA)  
 12844 C var. XFC- Cozumel MARCO - CQ mkr (AM-UK) (RMA-IA)  
 USA.: 2451 U 1757 WOU- Boston MAROP wkg Global Cape Ann (ML-ME)  
 2507 U 1807 WOU- Boston MAROP wkg Donna Lynn (WL-ME)  
 2670 U 0600 WNG- CG New Orleans - NTM b/c (TMI-AL)  
 3001 U 0400 WSIY7- New York Aero - VOLMET b/c (SS-NJ)  
 4342.7 C 0112 WSL- Anagansett MARCO - CQ mkr (TJY-MD)  
 4400 U 0001 WLO- Mobile MARCO - marine WX (KWK-VA)  
 5013 L 1215 WOB- USACE Baltimore - WX/dams b/c (RWH-NY)  
 6218 U 1208 WDC- Greenville MS c/g Jessie Brent (JRJ-MS)  
 6220 U 1311 K6W47 Philadelphia wkg WT25257 Freedom (GLD-NC)  
 6221 U 1145 WJU- QTH? wkg Steel Courier & Mister R. (JRJ-MS)  
 6500 C 0350 WLO- Mobile MARCO - DE/RTTY mkr (LVT-IL)  
 6504.5 C 2346 WOC- Chatham MARCO - DE/Ship TLX mkr (IK-UK)  
 6715 L 1708 AFA3- Andrews AFB wkg Air Force One (GHS-IL)  
 6715 L 0224 AFA3- Andrews AFB wkg SAM 41681 (CCP-CO)  
 6738 L 1450 AFA3- Andrews AFB wkg SAM 27000 (CCP-CO)  
 8293 U 0619 WBE- Jacksonville MARCO wkg Simone (RM-AZ)  
 8573 C 2300 NMC- CG San Francisco - CQ/QSX mkr (JEB-CA)  
 8618 C 1636 KPH- San Francisco MARCO - V mkr (SF-CA)  
 8772 U 2236 San Diego ICSB wkg USS Constellation (CCP-CO)  
 8790.2 U 0155 WLO- Mobile MARCO - t/c list (HCB-WA)  
 8868 U var. WSIY7- N.Y. Aero - VOLMET (PAG-NC) (DOH-CA)  
 10427 U 1915 AFG9- Scott Aways wkg Calleco (KGB-MS)  
 10637 C 2309 KKN5- USDOS Wash DC - coded t/c (TJY-MD)  
 11118 U 2332 AFA3- Andrews AFB wkg Air Force One (GHS-IL)  
 11239 U 2202 AP12- McCIellan Aways wkg MAC 50242 (MWJ-ID)  
 11249 U 1725 AFA3- Andrews AFB wkg Air Force One (CCP-CO)  
 12022 C 0245 KKN5- USDOS Wash DC - QRA/QSX mkr (JEB-CA)  
 12135 C 1230 NAM- NCS Norfolk VA - WX b/c (RMA-IA)  
 12429.2 U 1355 KVR416- Pensacola wkg Ocean Voyager (RMA-IA)  
 12700 C 2330 NIK- CG Boston - CQ/AMVER mkr (JEB-CA)  
 12869 C 2225 WNU54- Slidell MARCO - CQ mkr (JEB-CA)  
 12951.9 C 2050 WHH- Baltimore MARCO - V mkr (LM-VA)  
 12970 C 2343 WOE- Lantana MARCO - V mkr (TJY-MD)  
 13024 C 0020 WSL- Anagansett MARCO - wkg Theodore Green (JEB-CA)  
 13097 C 2312 WCC- Chatham MARCO - DE mkr (PAG-NC)  
 13098 C 0237 WLO- Mobile MARCO - DE/RTTY mkr (MWJ-ID)  
 13215 L 0254 AFA3- Andrews AFB wkg CROWN (GHS-IL)

U 0109 MAC 50230 wkg NNNQWR Palmer Station (JR-ND)  
 U 1540 CANADIAN MILITARY 6529 wkg CANWIL Trenton (RAG-VT)  
 U 1934 MAC 00138 wkg McCIellan Aways (HCB-WA)  
 U 1935 MAC 50624 wkg MacDill Aways (HCB-WA)  
 \*\*\*\*\* TACTICAL \*\*\*\*\*  
 U 0432 WOLFPACK c/g any station (GHS-IL)  
 U 2356 NOVEMBER WHISKEY 446 (USN helo) wkg NMF (RJI-CA)  
 U 2310 SAM 26000 p/p Andrews Metro via Andrews AFB (RLR-KS)  
 U 0436 ANAPOLIS wkg CANWIL 2431 (GHS-IL)  
 U 0030 CONCORD c/g EMPIRE (LJS-CO)  
 U 1155 WHISKEY 5 OSCAR wkg LIMA 0 VICTOR (RWH-NY)  
 U 1215 ALFA 6 XRAY wkg CG Kodiak AK (JDM-WN)  
 U 1237 HOTEL 5 ROMEO wkg CG San Francisco (JDM-WN)  
 U var. LIMA 9 ALFA, HOTEL 9 PAPA wkg CG Kodiak AK (JR-ND)  
 U 1307 VICTOR 5 GOLF wkg 6 LIMA (LJS-CO)  
 L 2215 ADVANTAGE r/c with Andrews AFB MD (GHS-IL)  
 L var. AIR FORCE 1 wkg Andrews AFB (JDM-WN) (RAL-OH)  
 L var. AIR FORCE 2 wkg Andrews AFB (GHS-IL) (JHA-IA)  
 U 1339 CROSSCUT wkg BRAVO BRAVO 514 (CCP-CO)  
 U 1800 AIR FORCE 1 p/p AF Ops Center via Andrews (GHS-IL)  
 U 1449 AIR FORCE 2 wkg Andrews AFB MD (RAL-OH)  
 U 0334 KILO 3 WHISKEY wkg KILO 9 QUEBEC (JDM-WN)  
 U 0323 BEAVER wkg WARCHIEF (CCP-CO)  
 U var. SAM 27000 wkg Andrews AFB (GHS-IL) (RAL-OH)  
 U 0244 PEWTER wkg Andrews AFB MD (RAL-OH)  
 U 0219 TIP 25 wkg Andrews AFB MD (RAL-OH)  
 U 1200 CHALLENGE wkg Andrews AFB MD (RAL-OH)  
 U 1224 SAM 31682 wkg SAM 01 (RAL-OH)  
 U 0623 SIDESHOW wkg SUPRISE (PEF-SC)  
 U 0114 BRAVO 66 wkg BRAVO 48 (GHS-IL)  
 U 0231 RAMPART c/g HOMEPLATE (GHS-IL)  
 U 1227 5 ECHO ECHO r/c with 6 TANGO YANKEE (RMA-IA)  
 U 1206 WHISKEY LIMA 897 p/p via Hickam Aways (RAL-OH)  
 U 0223 JULIET XRAY 847 wkg Elmendorf Aways (JR-ND)  
 U 2019 LIMA CHARLIE 86 wkg MacDill Aways (TFS-NY)  
 U 0420 WOLFPACK r/c with McCIellan Aways (GHS-IL)  
 U var. HI FI 10, LUCK 70, SINGE 50, KING 32 wkg McCIellan Aways (JDM-WN) (HCB-CA)  
 U 0254 IVORY 78 wkg Albrook Aways (RAL-OH)  
 U 1423 AIR FORCE 2 wkg Andrews AFB MD (RAL-OH)  
 L 2353 SAM 26000 p/p CROWN via Andrews AFB (RJI-CA)  
 U 1210 SAM 31682 wkg Andrews AFB MD (JDM-WN)  
 U 0246 NAVEL 24 wkg NAVEL 22 (RAL-OH)

3494 U 0432 WOLFPACK c/g any station (GHS-IL)  
 5696 U 2356 NOVEMBER WHISKEY 446 (USN helo) wkg NMF (RJI-CA)  
 5700 U 2310 SAM 26000 p/p Andrews Metro via Andrews AFB (RLR-KS)  
 5703 U 0436 ANAPOLIS wkg CANWIL 2431 (GHS-IL)  
 5897 U 0030 CONCORD c/g EMPIRE (LJS-CO)  
 5897 U 1155 WHISKEY 5 OSCAR wkg LIMA 0 VICTOR (RWH-NY)  
 6506.4 U 1215 ALFA 6 XRAY wkg CG Kodiak AK (JDM-WN)  
 6506.4 U 1237 HOTEL 5 ROMEO wkg CG San Francisco (JDM-WN)  
 6506.4 U var. LIMA 9 ALFA, HOTEL 9 PAPA wkg CG Kodiak AK (JR-ND)  
 6513 U 1307 VICTOR 5 GOLF wkg 6 LIMA (LJS-CO)  
 6683 L 2215 ADVANTAGE r/c with Andrews AFB MD (GHS-IL)  
 6683 L var. AIR FORCE 1 wkg Andrews AFB (JDM-WN) (RAL-OH)  
 6683 L var. AIR FORCE 2 wkg Andrews AFB (GHS-IL) (JHA-IA)  
 6693 U 1339 CROSSCUT wkg BRAVO BRAVO 514 (CCP-CO)  
 6715 U 1800 AIR FORCE 1 p/p AF Ops Center via Andrews (GHS-IL)  
 6715 U 1449 AIR FORCE 2 wkg Andrews AFB MD (RAL-OH)  
 6721.5 U 0334 KILO 3 WHISKEY wkg KILO 9 QUEBEC (JDM-WN)  
 6723 U 0323 BEAVER wkg WARCHIEF (CCP-CO)  
 6756 U var. SAM 27000 wkg Andrews AFB (GHS-IL) (RAL-OH)  
 6756 U 0244 PEWTER wkg Andrews AFB MD (RAL-OH)  
 6756 U 0219 TIP 25 wkg Andrews AFB MD (RAL-OH)  
 6756 U 1200 CHALLENGE wkg Andrews AFB MD (RAL-OH)  
 6756 U 1224 SAM 31682 wkg SAM 01 (RAL-OH)  
 6761 U 0623 SIDESHOW wkg SUPRISE (PEF-SC)  
 6910 U 0114 BRAVO 66 wkg BRAVO 48 (GHS-IL)  
 7527 U 0231 RAMPART c/g HOMEPLATE (GHS-IL)  
 8294.2 U 1227 5 ECHO ECHO r/c with 6 TANGO YANKEE (RMA-IA)  
 8964 U 1206 WHISKEY LIMA 897 p/p via Hickam Aways (RAL-OH)  
 8989 U 0223 JULIET XRAY 847 wkg Elmendorf Aways (JR-ND)  
 8989 U 2019 LIMA CHARLIE 86 wkg MacDill Aways (TFS-NY)  
 8989 U 0420 WOLFPACK r/c with McCIellan Aways (GHS-IL)  
 8989 U var. HI FI 10, LUCK 70, SINGE 50, KING 32 wkg McCIellan Aways (JDM-WN) (HCB-CA)  
 8993 U 0254 IVORY 78 wkg Albrook Aways (RAL-OH)  
 9007 U 1423 AIR FORCE 2 wkg Andrews AFB MD (RAL-OH)  
 9007 L 2353 SAM 26000 p/p CROWN via Andrews AFB (RJI-CA)  
 9009 U 1210 SAM 31682 wkg Andrews AFB MD (JDM-WN)  
 9014 U 0246 NAVEL 24 wkg NAVEL 22 (RAL-OH)

USA.: 16179.0 C 2130 NAM- NGS Norfolk VA - V/MG mkr (JEB-CA)  
 17116 C var. WNU45- Slidell MARCO- CQ/QSX mkr (JEB-CA) (TJY-MD)  
 17236 U 0015 KWI- San Francisco MARCO wkg Vos 3/6/6 (WJS-ONT)  
 17261 U 2245 WOM- Ft. Lauderdale MARCO wkg Q.E.2 (JM-ME)  
 17408.6 U 1935 WWD- La Jolla MARCO wkg New Horizon (HCB-WA)  
 18002 U 1943 AFA3- Andrews AFB wkg Air Force Two (PAT-CA)  
 18027 U 2110 AFA3- Andrews AFB wkg SAM 27000 (KCB-KS)  
 18430 U 1745 WNU36- Slidell MARCO CQ mkr (JEB-CA)  
 22419 C 2050 AFG4/6- USAF Colorado Springs - coded msg (TJY-MD)  
 22458 C var. WNU46- Slidell MARCO - V mkr (TJY-MD) (JEB-CA)  
 23075 C 2140 WFN23- New York wkg WUK39 (TJY-MD)

\*\*\*\* CENTRAL AMERICA \*\*\*\*

PANA: 12874.5 C var. HPNG6/6- Puerto Armuellas MARCO- CQ mkr (JEB) (JDW)  
 13976.4 U 0143 AGA9/0- USAF MARS Howard AFB P/AG6/6HO (GRW-OH)  
 15015 U 1535 AHF2- Albrook Aways P/p for MAC 50222 (CCP-CO)  
 18019 U 1615 AHF2- Albrook Aways wkg CG 1444 (GHS-IL)  
 18019 U 1703 AHF2- Albrook Aways wkg Match 82 (CCP-CO)

\*\*\*\* CARIBBEAN \*\*\*\*

BARB: 12709 C 2120 8FO- Bridgetown MARCO - CQ mkr (DM-ALB)  
 CUBA: 17165.6 C 0055 CLA- Havana MARCO - V mkr (TJY-MD)  
 JAN.: 2182 S 0022 Kingston MAROP c/g 9VES (FJO-OH)  
 MART: 13031.2 C 2247 FUF - FF NAVRAD Ft.de France- t/c list (TJY-MD)  
 16960 C var. FUF - FF NAVRAD - V mkr (SN-TX) (PAG-NC)  
 4234 C 0523 PJC- Curacao MARCO - CQ/QSX mkr (SN-TX)  
 5692. U 0140 NWR26- CGAS Borconquen wkg CGAS Savannah (GHS-IL)  
 8472 C 0515 NWR- CG San Juan - CQ mkr (JEB-CA)  
 8440 C 0139 9YL- North Post MARCO - V mkr (JPC-MD)

\*\*\*\* SOUTH AMERICA \*\*\*\*

ARGN: 6512.5 U 0813 G.P.R. - SS/OM/YM (DM-AIB)  
 13165a U 0103 LPL- G.P.R. - SS/OM/YM (PAG-NC)  
 17045.6 C var. LFD46- G.P.R. V mkr (JDW-MN) (SN-TX)  
 BRZL: 8855 U 0431 Brasilia Aero wkg Clipper 440 (JBC-CA)  
 12795 C 0135 PEG3- QTH??? - marine WX b/c (RRC-ND)  
 12979.5 C 0220 PFL- Belem MARCO - V mkr (GLT-NN)  
 16984 C 0237 PPR- Rio de Janeiro MARCO - V mkr (PAG-NC)  
 CHIL: 17160 C 0109 PPO- Olanda MARCO - V mkr (TJY-MD)  
 4380 C 0528 CGS- Santiago NAVRAD - V mkr (SN-TX)  
 8771 C 0600 CGS- Santiago NAVRAD - V mkr (JEB-CA)  
 COLO: 13087.2 C 2300 HKB- Barranquilla MARCO - V mkr (TJY-MD)  
 17004 C var. HKB- Barranquilla MARCO- CQ/QSX (JDW-MN) (TJY-MD)  
 ECUA: 7600 A 0230 HD210A- SFTS Guayaquil - (GLT-NN)  
 8363 C 0230 HGC- Guayaquil MARCO - V mkr (TJY-MD)  
 16871.3 C 0050 CWA- Cerrito MARCO - V mkr (GLT-NN)

U 2330 BUTTERFLY wkg Andrews AFB MD (BLA-PA)  
 U 1953 EXECUTIVE ONE FOKITROT p/p via Andrews AFB (RAL-OH)  
 U 1442 LLOYAL SON p/p via Andrews AFB MD (RAL-OH)  
 L 1425 SAM 86970 p/p CROWN via Andrews AFB (RAL-OH)  
 U 0149 OVERRULE wkg ARIZONA PETE (CCP-CO)  
 U 2018 HAPPY ANTELOPE wkg unid sta (IK-UK)  
 U 2020 SAM 24127 wkg Andrews AFB (dpx) (GHS-IL)  
 U 2003 AGAR 22 c/g Cape Radio (CCP-CO)  
 U 1223 TWO OSCAR wkg ZERO SIERRA (RAL-OH)  
 U 1917 UNIFORM wkg HEAD MASTER (CCP-CO)  
 U 2350 UNIFORM 20 wkg GOLF 8 PAPA (LJS-CO)  
 U 0314 BELT LOOP wkg FUR COAT & JITTERY (RAL-OH)  
 U 0325 MACKINAW wkg BITTER (RAL-OH)  
 L 1530 SAM 27000 wkg SAM 26000 (RAL-OH)  
 U 1855 PROTECT wkg ??? (RLR-KS)  
 U 1849 AIR FORCE TWO r/c with Andrews AFB (RLR-KS)  
 L 0203 SAM 24130 p/p via Andrews AFB MD (RAL-OH)  
 U 1452 AIR FORCE TWO wkg Andrews AFB MD (HDT-WV)  
 U 1220 OTIS 15 wkg MacDill Aways (RAL-OH)  
 U 1649 REACH 44 p/p via Scott Aways (GHS-IL)  
 U 2000 ROMEO FOKITROT 47 p/p via Scott Aways (GHS-IL)  
 U 1840 BABE 71 p/p to Discard via Scott Aways (JDW-MN)  
 U 0119 OATMEAL wkg ASHWORTH (JDW-MN)  
 U 0259 SCORCH wkg UNIT 270 (RAL-OH)  
 U 1654 ADLAI 06 wkg OVERDUE & PROSPER (CCP-CO)  
 U 0117 SAM 31683 p/p via Andrews AFB (RAL-OH)  
 U 0427 WOLFPACK r/c Yokota Aways (GHS-IL)  
 U 1600 NAVY LIMA DELTA 02 wkg MacDill Aways (LM-PA)  
 U 1641 GULL 21 p/p Miami Monitor via MacDill (GHS-IL)  
 U 1424 JOYCE 99 wkg MacDill Aways (BCW-VA)  
 U 2310 AIR FORCE ONE wkg Andrews AFB MD (BLA-PA)  
 U 0236 CRYPTO MAINTENANCE wkg A.F.2 via Andrews (GHS-IL)  
 U 1220 AIR FORCE 2 p/p CROWN via Andrews AFB (RAL-OH)  
 U 1220 SAM 27000 wkg CHALLENGE (RAL-OH)  
 U 1215 ACROBAT wkg ALFA ALFA CHARLIE 2 (RAL-OH)  
 L 1504 FOUL LINE wkg Andrews AFB MD (RAL-OH)  
 L 1515 AIR FORCE 1 wkg Andrews AFB (RAL-OH)  
 U 1720 HEADSET wkg BRIGHT GOLF (CCP-CO)  
 U 1730 BOY 13 roll call with other BOY units (CCP-CO)  
 U 1642 PROFESSOR wkg GILCHRIST (HDT-WV)  
 U 1525 ALFA 6 OSCAR 05 wkg INDIA 4 SIERRA 04 (HDT-WV)  
 U 1452 BRAVO TANGO 02 wkg XRAY JULIET 07 (RAL-OH)  
 U 0113 ZULU 7 TANGO wkg CG San Francisco (JF-ND)  
 U 2314 KATE 23 wkg Edmondorf Aways (JF-ND)  
 U 1738 SAUSAGE r/c with PUSHBALL (CCP-CO)

VENE: 6100 A var. YVTO-SFTS Caracas (PAT-CA) (WP-NY) (GLT-NM)  
 17141 C 1918 YVG-La Guaira MARCO - V mkr (SPH-CA)

\*\*\*\* EUROPE \*\*\*\*

BUL.: 8967 U 1453 Burgas Aero wkg unid RR a/c (IK-UK)  
 12485 C 1657 LZM-Varna MARCO - V mkr (SB-GT)  
 CYPR: 29057,6 U 1058 MKI-RAF Akrotiri wkg USN Naples (AM-UK)  
 DEN.: 8146 C 0553 OVG-Frederikshaven NAVRAD-V mkr (TJY-MD)  
 12918 C 0240 OX26-Lyngby MARCO - CQ mkr (JEB-CA)  
 12328 C 0135 OVB8-Frederikshaven NAVRAD-V mkr (JEB-CA)  
 ENG.: 6838 U 2340 BBC Daventry Feeder (TP-OH)  
 7971 U 0313 BBC Daventry Feeder (ML-ME)  
 10928,8 C 1645 GLQ3-AP London - QRA DE PIX (AM-UK)  
 12834 C 0245 KEB3-Portlisshead MARCO - DE mkr (JEB-CA)  
 13113 C 2045 GKB-Portlisshead MARCO - DE mkr (JEB-CA)  
 15849 U 2020 BBC Daventry Feeder (JPC-MD)  
 19596 C 0136 KKG-Portlisshead MARCO - DE mkr (PAG-NC)  
 F.T.N.: 12670 C 0405 OFJ3-Helsinki MARCO - CQ mkr/tfc list (JEB-CA)  
 12687 C 0125 OFJ4-Helsinki MARCO - call 1tr mkr (GLT-NM)  
 22396,7 C 1600 OFJ9-Helsinki MARCO - CQ mkr (RMA-IA)  
 FRAN: 4328 C var. FFL2-St. Lys MARCO - CQ mkr (SN-TX) (TJY-MD)  
 6421,5 C 0207 FFL3-St. Lys MARCO - CQ mkr (JDM-WN)  
 8453 C 0145 HMN-Paris NAVRAD - V mkr (JEB-CA)  
 8522,5 C 0303 FFL4-St. Lys MARCO - CQ mkr (HCJ-TX) (JEB-CA)  
 8802,6 U 0303 FFL4-St. Lys MARCO - FF/OM/WK (PAG-NC)  
 22318 C 1628 FFS9-St. Lys MARCO - CQ mkr (SPH-CA)  
 FRG.: 4010 A 1835 DF21-Bonames PTP - CG/YL/NM/WK (PAC-UK)  
 12763 C var. DAM-Norddeich MARCO - V mkr (JPC-MD) (JEB-CA)  
 12953 C 0100 DFM-Uslungen MARCO - V mkr (GLT-NW)  
 17048 C 1917 DAF-Norddeich MARCO - V mkr (PAG-NC)  
 8562 C 2132 PCH4-Sochevengen MARCO - V mkr (TJY-MD)  
 EURP: 5533 U var. EIP-Shannon Aero-VOLMET (WJS-ONT) (KWK-VA)  
 8633 U var. EIP-Shannon Aero-VOLMET (RP-MA) (JDM-WA)  
 13312 U var. EIP-Shannon - VOLMET (KWK-VA) (HOB-WA) (JDM-WA)  
 ITLY: 7303 C 0518 IDR3-Rome NAVRAD - call 1tr mkr (RWH-NY)  
 8649,5 C 0135 ICB8-Genoa MARCO - V mkr (GLT-NM)  
 12975 C 0110 IQX-Trieste MARCO - V mkr (GLT-NM)  
 NOR.: 8529 C 0530 LFN-Rogaland MARCO - CQ/QSX/MC mkr (JEB-CA)  
 12728 C 0400 LGJ-Rogaland MARCO - CQ/MC mkr (JEB-CA)  
 POL.: 8482 C 2100 SPH41-Gayrnia MARCO - DE mkr (PAC-UK)  
 13793 C 1440 SON279-PAP Warsaw - Pol/WX (RAC-VT)  
 PORT: 13003 C 2356 CTV-Monsanto NAVRAD - V mkr/tfc list (TJY-MD)  
 4311,3 C 0339 EBA-Madrid NAVRAD - V mkr (TJY-MD)  
 SPAN: 8618 C var. EDZ4-Aranjuez MARCO - CQ/QSX mkr (JEB-CA) (TJY-MD)  
 8682 C 0331 EAD3-Aranjuez MARCO - CQ mkr (HGI-TX)  
 SWED: 12879,5 C 2025 SAG-Goteborg MARCO - V mkr (LM-WA)

L 1458 AIR FORCE 2 wkg Andrews AFB MD (RAL-OH)  
 2105 AVALANCHE setting up RITTY with McClellan Awns (CCP-CC)  
 L 1408 AIR FORCE 1 wkg BUTTERFLY (RAL-OH)  
 U 1930 KNOW 98 p/p RAYMOND 01 via MacDill Awns (GHS-IL)  
 U 2104 SAM 31681 p/p ARGONAUT via Andrews AFB (BLA-PA)  
 U 2138 MARTINE 50515 p/p Andrews Metro via Andrews (GHS-IL)  
 U var. SAM 86971, BABE 58, TANGO PAPA 312 wkg NY Aero (GHS-IL)  
 L 2357 ACROBAT clg DELTA 4 LTMA (LJS-CO)  
 U 1745 CONDOR 600 wkg BRONCO 03 (RLR-KS)  
 U 2354 PATERN wkg BELT LOOP (LJS-CO)  
 U 1456 ALFA FOXHOT 219 wkg Albrook Awns (JDM-WN)  
 U 1758 TOFFEE clg DORIS 11 on all freqs (CCP-CC)  
 U 0400 TAILBONE with coded message (GHS-IL)  
 U 1748 RAYMOND 27 - return to base call for VOODOO 51 flight (CCP)  
 U 1913 AIR FORCE 2 p/p CROWN via Andrews (RAL-OH)  
 L 2006 SAM 24127 wkg Andrews AFB MD (GHS-IL)  
 U 2339 LOBO 69 wkg MacDill Awns (LM-PA)  
 U var. AIR FORCE 1 wkg Andrews (BLA-PA) (RAL-OH)  
 U 0238 SAM 24129 wkg Andrews AFB (RAL-OH)  
 U 1402 BUTTERFLY wkg Andrews AFB (RAL-OH)  
 U var. ATLAS wkg: OMAHA 40, FLINT 460, FLINT 453, FLINT 358, CONDOR 700, PANTHER, SHARK 627, SHARK 716, (GHS-IL) (BLA-PA) (RAL-OH)  
 U 1350 SHARK 368 wkg SHARK 363 (RAL-OH)  
 U 2205 SHARK 35 p/p MARLIN 395 via ATLAS (LM-PA)  
 U 1621 UNIFORM 21 wkg PAPA 4 (RAL-OH)  
 U 1730 HEAD DANCER METRO/BRAVO wkg RAYMOND METRO via MacDill (GHS)  
 U 1637 WHISKEY 4 NOVEMBER wkg 3 OSCAR VICTOR (RAL-OH)  
 U 1637 PINWHEEL clg DOOR 72 (GHS-IL)

\*\*\*\* NUMBERS/BEACON \*\*\*\*  
 A 0218----- S/Y 4d (232) 310ct82 (PAT-CA)  
 A 0230----- S/Y 4d 170ct82 (JDM-WA)  
 A 0821----- S/Y 5d ATT 805-005 (433) 280ct82 (PAT-CA)  
 A 2045----- E/Y 5d "end of Inf" (433) 120ct82 (NL-ME)  
 C 0512----- --- 5d "186" ID 210ct82 (GHS-IL)  
 A 1315----- S/Y 2d (333) 250ct82 (HDT-WV)  
 A 0635-0641 S/Y 5d Finalx2 (343) 050ct82 (DCH-CA)  
 A 0630-0636 S/Y 5d ATT 831-85 (444) 07Nov82 (JEB-CA)  
 A 1807----- S/Y 2d Grupo 120 (444) 120ct82 (HDT-WV)  
 A 0307----- E/Y 5dd (355) 100ct82 (LJT-IL) (COO-MD)  
 C 0115 "0" beacon (RMA-IA)  
 C 1310 "U" beacon (SN-TX)  
 C 0432 "K" beacon

13215 L 1458 AIR FORCE 2 wkg Andrews AFB MD (RAL-OH)  
 13215 U 2105 AVALANCHE setting up RITTY with McClellan Awns (CCP-CC)  
 13215 L 1408 AIR FORCE 1 wkg BUTTERFLY (RAL-OH)  
 13244 U 1930 KNOW 98 p/p RAYMOND 01 via MacDill Awns (GHS-IL)  
 13247 U 2104 SAM 31681 p/p ARGONAUT via Andrews AFB (BLA-PA)  
 13247 U 2138 MARTINE 50515 p/p Andrews Metro via Andrews (GHS-IL)  
 13291 U var. SAM 86971, BABE 58, TANGO PAPA 312 wkg NY Aero (GHS-IL)  
 13544 L 2357 ACROBAT clg DELTA 4 LTMA (LJS-CO)  
 14686 U 1745 CONDOR 600 wkg BRONCO 03 (RLR-KS)  
 14695 U 2354 PATERN wkg BELT LOOP (LJS-CO)  
 15015 U 1456 ALFA FOXHOT 219 wkg Albrook Awns (JDM-WN)  
 15041 U 1758 TOFFEE clg DORIS 11 on all freqs (CCP-CC)  
 15066 U 0400 TAILBONE with coded message (GHS-IL)  
 15091 U 1748 RAYMOND 27 - return to base call for VOODOO 51 flight (CCP)  
 17972 U 1913 AIR FORCE 2 p/p CROWN via Andrews (RAL-OH)  
 17993 L 2006 SAM 24127 wkg Andrews AFB MD (GHS-IL)  
 18025 U 2339 LOBO 69 wkg MacDill Awns (LM-PA)  
 18027 U var. AIR FORCE 1 wkg Andrews (BLA-PA) (RAL-OH)  
 18027 U 0238 SAM 24129 wkg Andrews AFB (RAL-OH)  
 18027 U 1402 BUTTERFLY wkg Andrews AFB (RAL-OH)  
 18666 U var. ATLAS wkg: OMAHA 40, FLINT 460, FLINT 453, FLINT 358, CONDOR 700, PANTHER, SHARK 627, SHARK 716, (GHS-IL) (BLA-PA) (RAL-OH)  
 18666 U 1350 SHARK 368 wkg SHARK 363 (RAL-OH)  
 18666 U 2205 SHARK 35 p/p MARLIN 395 via ATLAS (LM-PA)  
 20885 U 1621 UNIFORM 21 wkg PAPA 4 (RAL-OH)  
 23217 U 1730 HEAD DANCER METRO/BRAVO wkg RAYMOND METRO via MacDill (GHS)  
 23287 U 1637 WHISKEY 4 NOVEMBER wkg 3 OSCAR VICTOR (RAL-OH)  
 23337 U 1637 PINWHEEL clg DOOR 72 (GHS-IL)

4670 A 0218----- S/Y 4d (232) 310ct82 (PAT-CA)  
 5813 A 0230----- S/Y 4d 170ct82 (JDM-WA)  
 6920 A 0821----- S/Y 5d ATT 805-005 (433) 280ct82 (PAT-CA)  
 7740 A 2045----- E/Y 5d "end of Inf" (433) 120ct82 (NL-ME)  
 7969 C 0512----- --- 5d "186" ID 210ct82 (GHS-IL)  
 9110 A 1315----- S/Y 2d (333) 250ct82 (HDT-WV)  
 9376 A 0635-0641 S/Y 5d Finalx2 (343) 050ct82 (DCH-CA)  
 10070 A 0630-0636 S/Y 5d ATT 831-85 (444) 07Nov82 (JEB-CA)  
 11570 A 1807----- S/Y 2d Grupo 120 (444) 120ct82 (HDT-WV)  
 11619 A 0307----- E/Y 5dd (355) 100ct82 (LJT-IL) (COO-MD)  
 6804 C 0115 "0" beacon (RMA-IA)  
 12185 C 1310 "U" beacon (SN-TX)  
 14968 C 0432 "K" beacon

SWITS: 8172.0 C 2015 HEB- Berne MARGO CQ mkr (JEB-CA)  
 16980 C 1505 HEB- Berne MARGO V mkr (TJY-MD)  
 22360 C 2043 HEB- Berne MARGO V mkr (TJY-MD)  
 6730 A 2105 AKTyubinsk Metro - RR/YL WX b/c (IK-UK)  
 6730 A 2155 Baku Metro - RR/YL WX b/c (IK-UK)  
 7540 U 2345 Radio Moscow Feeder (DXB-MA)  
 8639 C 0512 UJY - Kallinigrad MARGO - CQ mkr (SPH-CA)  
 9009 U 1305 Sverdlousk VOLMET - RR/YL (JDM-WN)  
 10093 U 0112 Novosibirsk VOLMET - EE/YL (HDT-WV)  
 12693 C 0115 URD- Leningrad MARGO - V mkr (GLT-NM)  
 12730 C 0846 UMV - Murmansk MARGO - V mkr (SK-CA)  
 12790 C 2205 UDK2- Murmansk MARGO - RR mgs (RMA-IA)  
 12856 C 0200 UB2- Odessa MARGO - ID into RR t/c (JEB-CA)  
 12973 C 0910 UJY - Kallinigrad MARGO - CQ mkr (SB-CT)  
 13050 C 0401 UDK2- Murmansk MARGO - c/g 4L5 (JR-ND)  
 14996 C 0540 RWM- SPTS Moscow - CW ID (SN-TX)  
 16193 L 0059 Radio Moscow Feeder (GHS-IL)  
 17020 C 0253 UDK2- Murmansk MARGO w/g 4L5 (JR-ND)  
 17141 C 1908 UMV - Murmansk MARGO - DE/GSX mkr (SPH-CA)  
 22314.1 C 1734 UJY - Kallinigrad MARGO - CQ mkr (LW-VA)  
 22321.1 C 1700 UJY - Kallinigrad MARGO - V mkr (SB-CT)

\*\*\*\* AFRICA/MIDDLE EAST \*\*\*\*  
 ALGE: 20149 C 1100 7RQ20- MFA El Djazair - FF/NX to EMBs (AM-UK)  
 ANGO: 8565 C 2310 DJE51- Luanda MARGO - CQ mkr (HGJ-TX)  
 12781.5 C var. DJE51- Luanda MARGO - CQ mkr (GLT-NM) (JR-ND) (MWJ)  
 BRAN: 22312 C 1656 A9M- Manama MARGO - DE mkr into t/c (SPH-CA)  
 CNRY: 5610 U 0035 Canarias Aero w/g PP/Santa Maria Aero (IK-UK)  
 CONG: 20840 C 1608 GLP7- EMBACUBA Brazzaville- w/g CLP4 (AM-UK)  
 GAMB: 8441 C 0608 C5G- Banjul MARGO - c/g C5K into t/c (SPH-CA)  
 ISRU: 6379 U 0125 4XZ- Haifa NAVRAD - V mkr (GLT-NM)  
 8518.1 C 0120 4XZ- Haifa NAVRAD - V mkr (GLT-NM)  
 8694.4 C 0325 4XO- Haifa MARGO - CQ mkr (HGJ-TX)  
 13051.5 C var. 4XO- Haifa MARGO - CQ mkr (GLT-NM)  
 LIBE: 11474 C 0410 KKN44- USMBB Monrovia - c/g KW54 (RMA-IA)  
 MADE: 8461 C 0115 CUB- Madeira MARGO - CQ mkr (GLT-NM)  
 SAUD: 10936 U 2127 BSKSA Feeder (RJJ-CA)  
 13410 C var. 6MW- FF NAVRAD Dakar - V mkr (GLT-NM) (PAG-NC)  
 SENB: 16951.5 C var. 6MW- FF NAVRAD Dakar - V mkr (SPH) (SP-CA)  
 SOAF: 8470 C var. ZRQ2- Cape NAVRAD Simonstown - CQ/t/c list (SPH-CA) (TJY-MD)  
 8566 C var. ZRQ2- Cape NAVRAD Silvermine - CQ/t/c list (SPH-CA) (TJY-MD)  
 8605 C 0130 ZRH4- Cape NAVRAD Fiesantekraal - X mkr (GLT-NM)  
 8686 C 1616 ZSC- Capetown MARGO - CQ mkr (SP-CA)  
 12697 C 0525 ZSC9- Capetown MARGO - V mkr (JEB-CA)

\*\*\*\* UNIDENTIFIED \*\*\*\*  
 7000 L 0330 possible "Cuerrilla" comms between two SS/OMs. Xmsn  
 was soon buzz saw/siren jammed (RLR-KS)  
 9010 L 0240 no IDs but another "fishing fleet" unit (RLR-KS)  
 11605 C 1500 repeats of E 4 E (4x) with long dash (COC-MD)  
 14188 U 2326 Pirate b/c?? EE/OM downing USSR/USA/PRC (RJI-CA)  
 20562 U 1809 "PASADENA" w/g mid Radio Telescope units (CCP-CO)  
 25962 R 1335 HGX34- QTH? Hungarian EMB - RYs- 67??? (DLW-FA)

\*\*\*\* RADIO/TELETYPE \*\*\*\*  
 AFGR: 10859 1220 YAD4- Kabul PTP - tests to Delhi-66/425n (AM-UK)  
 ANTA: 10483.5 var. 7XA- EL Djazair Air- w/g Cairo-66/850r (AM-UK) (RMA)  
 ALGE: 12257.8 2330 NCD- USN McMurdo tests to FJY3- 66/850n (AM-UK)  
 ARGN: 13515 var. LR22- Saporitti SS/NX- 66/850n (XGB-KS) (RMA-FRAN)  
 20518.5 1045 IOL- Buenos Aires NAVRAD- c/g ZRH- 100/850r (AM-UK)  
 BRAN: 2847 2300 IMCOS Marine - CQ call 66/425r (AM-UK)  
 6955 1745 A9W28- GWA Bahrain - AA/NX - 66/425r (AM-UK)  
 BRZI: 17122.4 0007 PWZ33- Rio de Janeiro NAVRAD- RYs- 66/425n (TJY-MD)  
 CNRY: 7439 0420 EBBK- Las Palmas NAVRAD- RYs - 66/425n (XGB-KS)  
 CAPB: 14508 1525 D4B- Sal Air - RYs to Lisbon - 66/??? (PAC-UK)  
 CHLI: 22071.5 2150 CCS- Santiago NAVRAD- WX b/c 60/850n (TJY-MD)  
 FRC.: 6900 1748 BAS55- Beijing PTP - QRA mkr- 66/425n (AM-UK)  
 10650 0015 BZ723- Hangzhou Metro - WX b/c 66/425r (AM-UK)  
 17401a 2320 BBE52- Shanghai PTP - RYs - 66/425r (MTC-AZ)  
 18596a 2340 BAK68- XINHUA Beijing - RYs - 66/425r (MTC-AZ)  
 19758.1 1030 BQJ- Baoshan Air - coded msg - 66/850n (AM-UK)  
 CONG: 10137 0118 TLN96- Brazzaville Metro - RYs- 66/850n (XGB-KS)  
 CUBA: 14901 1908 CLM41- Pl Havana - EE/NX - 66/425n (BLA-FA)  
 18193 var. CLM603- Pl Havana - EE/NX - 66/425r (TJY-MD) (ME-MA)  
 21933 0020 GLA- Havana MARCO w/g URG - 66/850n (JEB-CA)  
 CYPR: 11095 0255 MKD- RAF Akrotiri - RYs/FOX - 66/425r (RMA-IA)  
 16148 2140 MKD- RAF Akrotiri - RYs/FOX - 66/425r (RMA-IA)  
 CZEG: 20990 1148 OMZ- WFA Prague- msg to EMB Beirut - 66/425r (AM-UK)  
 BQPT: 17655.5 2345 SUA34- MENA Cairo- RYs/FOX - 66/850n (TJY-MD)  
 13653 ---- SUA50- MENA Cairo - QRA mkr - 66/425r (RMA-FRAN)  
 17364.4 1620 SUU- Cairo Metro w/g 5NK Kano- 66/425r (RMA-FRAN)  
 21863.3 1058 Pakistan EMB Cairo- msg to Islamabad-66/425r (AM-UK)  
 ENG.: 9248 0112 GIC29B- AP London - EE/NX - 66/425r (TJY-MD)  
 15948.9 2143 MKG- RAF London - FOXs - 66/425r (RMA-IA)  
 21863.3 1055 Pakistan EMB London- msg to Islamabad-66/425r (AM-UK)  
 FRAN: 3157.7 0008 FDX- FF AF Paris - RYs - 66/425r (AM-UK)  
 8023.6 1845 FTI2H3- AFP Paris - AA/NX - ??/??? (RMA-FRAN)  
 12312 1130 FTYZ- FF AF Orleans - FOXs - 66/425r (AM-UK)  
 16106.3 2330 PPQ- D'plo Paris - FF/NX- 66/425n (RMA-FRAN)  
 GDR.: 10440 1815 Y3A5- DP Berlin - RYs - ??/??? (RMA-FRAN)

SOAF: 12849 C 0508 ZS35- Cape NAVRAD Silverline- Cq mkr (JEB-CA)  
 22348 C 1639 ZSO- Capetown MARCO - Cq mkr (SPH-CA)  
 SUDN: 11300 U 0318 Khartoum Aero wkg Egypt Air 755 (CHS-IL)  
 TUNI: 19360 C 1147 3VA- INTERPOL Tunis c/g FSB62 Paris (AM-UK)  
 ZIRE: 13304 U 0247 Kinshasa Aero wkg FF/Brazzaville Aero (RBC-CA)

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

PRC.: 8502 C 1354 XSG- Shanghai MARCO - Cq mkr (HGJ-TX)  
 8663 C 1622 XSG- Shanghai MARCO - Cq mkr (SF-CA)  
 12871.5 C 0928 XSG- Shanghai MARCO - Cq mkr (SB-CT)  
 16700a C 0350 XSG8- Shanghai MARCO - ID mkr (SH-TX)  
 16902 C 0045 XSG- Fungshan MARCO - Cq mkr (GLT-NM)  
 17104 C 0045 XSC3- Shanghai MARCO - Cq/MC mkr (JEB-CA)

HONG: 8903 U 1418 Hong Kong Aero - VOLMET b/c (CCP-CO)  
 13021 C 1201 VFS69- Cape d'Agulliar MARCO - DE/GSX mkr (MTC-AZ)  
 17192 C 0030 VAN89- Cape d'Agulliar MARCO - DE mkr (GLT-NM)

INDI: 8646 C 1210 VTP4- Vishakhapatnam NAVRAD - V mkr (RP-MO)  
 5037 U 1224 Tokyo Aero wkg Japan Air 98 (CCP-GO)  
 8479 C var. J08- Choshi MARCO - CQ mkr (PAC-UK) (SF-CA)  
 8547 C var. JCU- Choshi MARCO - CQ mkr (SF-CA) (HGJ-TX)  
 12674 C 0536 JOR- Nagasaki MARCO - Cq mkr (SPH-CA)  
 12943 C 0325 J0U- Nagasaki MARCO - Cq/GSX mkr (MTC-AZ)

JPN: 13054 C var. JNA- Tokyo NAVRAD - V mkr (JEB-CA)  
 13064 C 0450 JDB- Nagasaki MARCO - Cq mkr (JEB-CA)  
 16833 C 0237 J0U- Nagasaki MARCO - CQ mkr (JDM-WN)  
 16999 C 0356 J0U- Choshi MARCO - CQ mkr (SB-CT)  
 17029 C 0215 JMG6- Tokyo MARCO - CQ mkr (JDM-WN)  
 17043.2 C var. JCU- Choshi MARCO - CQ mkr (JDM-WN) (SB-CT)  
 17052.5 C 0215 JNA- Tokyo NAVRAD - V mkr (GLT-NM)  
 22409 C 2345 JOR- Nagasaki MARCO - Cq mkr (JDM-WN)  
 22463 C 0352 JCU- Choshi MARCO - CQ mkr (JEB-CA)  
 8577 C 1435 HLO- Seoul MARCO - CQ mkr (HGJ-TX)  
 12712 C 1440 HLW3- Seoul MARCO - Cq mkr (HGJ-TX)  
 12845 C 0235 HLO- Seoul MARCO - CQ mkr (JEB-CA)  
 13025 C 0205 HXK- Seoul MARCO - CQ mkr (GLT-NM)

ROK.: 8577 C 1435 HLO- Seoul MARCO - CQ mkr (HGJ-TX)  
 12712 C 1440 HLW3- Seoul MARCO - Cq mkr (HGJ-TX)  
 12845 C 0235 HLO- Seoul MARCO - CQ mkr (JEB-CA)  
 13025 C 0205 HXK- Seoul MARCO - CQ mkr (GLT-NM)

PHIL: 6440.9 C 1210 DZG- Las Pinas MARCO - CQ mkr (GLT-NM)  
 6453 C 1205 DZL- Bulacan MARCO - CQ mkr (GLT-NM)  
 8588 C var. DZG- Las Pinas MARCO - CQ mkr (HGJ-TX) (SF-CA)  
 8605 C 1238 DZU- Bulacan MARCO - CQ/GSX mkr (MTC-AZ)  
 12906 C 1219 DZU- Bulacan MARCO - CQ/GSX mkr (MTC-AZ)  
 4333 C 0140 FUX- FF NAVRAD - V mkr (GLT-NM)

REUN: 13215.5 C var. FUX- FF NAVRAD - Vmkr (JPC-MD) (DM-ALB) (JEB-CA)  
 22499 C 1838 FUX- FF NAVRAD - V mkr (SPH-CA)

GD.R.: 13895 1830 Y2W47- ADN Berlin - EE/NX - 66/425n (BLA-PA)  
 17366 1555 Y7L36- MFA/ZID Berlin - Rys - 66/425r (MTC-AZ)  
 22812.9 1130 ADN Berlin - EE/NX - 66/425n (RMA-FRAN)  
 22815 1515 Y2V28- ADN Berlin - EE/NX - 66/425n (RMA-IA)  
 GIBR: 13942 var. SWA- Athens Air - RYs to LGAT - 66/425r (AM-UK)  
 GRE: 1452.2 2320 GVA- Athens Air - RYs to LGAT - 66/425r (AM-UK)  
 GUBI: 23528 1050 SAM81- Swed EMB Bissau- wkg Stockholm-100/425n (AM)  
 HOLL: 2621.1 2355 RFLN1- Goeree NAVRAD- wkg PBC - 100/950r (AM-UK)  
 HONG: 19327.5 0943 ZEN92- AFP Hong Kong- EE/NX- 66/425r (AM-UK)  
 HUNG: 15670 1628 HGM36- FTI Budapest - SS/NX- 66/425r (KGB-KS)  
 INDI: 7943 1842 ATQ58- FTI Delhi - EE/NX - 66/425n (AM-UK)  
 19440 1140 8ND4- MFA New Delhi- c/g EMB Belgrade-66/425n (AM-UK)  
 INDO: 19102.4 1700 MFA Jakarta - EE/NX - 66/425n (RMA-FRAN)  
 19825 0807 8DZ5- ANTARA Jakarta - EE/NX - 66/425n (AM-UK)  
 20403.5 1555 MFA Jakarta - msg EMB Jeddah - EE/NX - 66/425n (AM-UK)  
 IRAQ: 13523.1 1815 Y1071- INA Baghdad- EE/NX- 66/425r (RMA-FRAN)  
 19897.1 1112 Pakistan EMB Baghdad to MFA Islamabad- 66/425r (AM)  
 ISRL: 13447 2125 4XM4- Bet Dagan Metro - RYs- 66/425n (BLA-PA)  
 ITALY: 13412.3 1817 IRK24- IINA Rome- AA/NX - 66/425n (BLA-PA)  
 15693.1 1940 ISX56- ANSA Rome - EE/NX - 66/425 (FJO-OH)  
 20535 1940 IR825- SPA Rome - EE/NX - 66/425 (FJO-OH)

IVRY: 9846 0055 TUH- ASECNA Abidjan - Rys - 66/425n (KGB-KS)  
 5097.5 1615 JAB35- KYODO Tokyo - EE/NX - 66/425r (AM-UK)  
 7402 1431 JMG3- Tokyo Metro - WX b/c - 66/425r (MTC-AZ)

JPN: 12071 0535 JAL32- KYODO Tokyo - EE/NX- 66/850r (JEB-CA)  
 13366.4 2315 5YD9- Nairobi Air - wkg Adais Aaba-66/425n (IK-UK)  
 13366.6 2015 5YD9- Nairobi Air- RYs/WX - 66/425n (RMA-IA) (JEB-CA)

KEN.: 13366.4 2315 5YD9- Nairobi Air - wkg Adais Aaba-66/425n (IK-UK)  
 13366.6 2015 5YD9- Nairobi Air- RYs/WX - 66/425n (RMA-IA) (JEB-CA)

NOKO: 12176 0410 HMR23- KCNA Pyongyang- EE/NX- 66/425r (RMA-FRAN)  
 KWT: 15646.9 1755 KUNA Kuwait- AA/NX - 66/425r (RMA-FRAN)  
 LIBE: 15875 0035 5LA25- VO Monrovia- EE/NX- 100/425n (KGB-KS)  
 LYBA: 15461.5 1745 JANA Tripoli- FF/NX- 66/425r (RMA-FRAN)

MALT: 3595 2358 9HA- Luqa Air - WX b/c - 66/425r (AM-UK)  
 5106.5 2140 ZFP61- AFP Ft. de France- FF/NX- 66/425r (TYJ-MD)  
 MONG: 10334.1 1720 JTD29- MONTSAME Ulan Batov- EE/NX-66/850n (RMA-FR)  
 MRCC: 10972 2300 VOA Tangier - EE/NX - 100/425n (ME-MA)

PAKI: 13587.1 1600 MAP Rabat - FF/NX - 66/425r (CB-IL)  
 8074.2 0100 ARA- Karachi Air - WX b/c - 66/425n (AM-UK)  
 14460 1650 ARA- Karachi Air - RYs/FOX- 66/?? (PAC-UK)

PANA: 21859 1105 ASF32- MFA Islamabad msg EMB Cairo-66/425r (AM-UK)  
 13371.5 1250 NBA- NCS Balboa- RYs- 100/850r (RMA-IA)  
 13373.2 1615 NBA- NCS Balboa - war games-100/850r (CB-IL)

PABA: 12266.4 0650 ZPN- Asuncion Air- RYs- 66/850r (AM-UK)

POL.: 17600 1559 SOR266- PTP Warsaw- RYs - 66/425r (MTC-AZ)  
 18955.1 1120 SOT299- PAP Warsaw - POL/NX- 66/425r (AM-UK)  
 9994 0112 CSZ- Lisbon Air - RYs - 66/850n (KGB-KS)

TINN:	8444.0	C 1658	XSX- Keelung MARCO - CQ mkr (SF-CA)
	12866	C 1215	XSW- Kaohsiung MARCO - CQ/QSX mkr (MTC-AZ)
THAI:	U 1310		Bangkok Aero - VOLMET b/c (JDM-WN)
	8573.5	C 1153	HSA4- Bangkok MARCO - CQ mkr (FR-MO)
	8684	C 1619	HSA- Bangkok MARCO - CQ mkr (SF-CA)
	13896.5	L 2339	Bangkok Air wkg (apx) Singapore Air (IK-JK)
			**** PACIFIC OCEAN ****
AUST:	6428.5	C 1215	VHP- Canberra NAVRAD - V mkr (GLT-NM)
	6676	U var.	VLS- Sydney VOLMET - (JDM-WN) (DW-ALB) (CCP-CO)
	11387	U 1030	VLS- Sydney Aero - VOLMET b/c (JDM-WN)
	12290	U 2048	Radio Australia Melbourne Feeder (JPC-MD)
	12994	C 1228	VTP4- Perth MARCO - WX b/c (MTC-AZ)
	12986	C 0310	VHP7- Canberra NAVRAD - V/MC mkr (JEB-CA)
FJI:	8690	C 0544	JDF3- Suva MARCO - CQ mkr into t/c (SPH-CA)
	13300	U 0440	JDN- Nandi Aero wkg Clipper 312 (RBO-CA)
FFPO:	12664.5	C 0130	FUM- FF NAVRAD Papeete - V mkr (GLT-NM)
	17380	C 1225	FUM- FF NAVRAD Papeete - V mkr (GLT-NM)
GUAM:	5505	U 1242	Gum Aero wkg MAC 40619 (GCP-CO)
	22527	C 0105	NRV- CG Guam (Barrigada) CQ mkr (JEB-CA)
HI...:	5505	U 1223	Honolulu Aero wkg Clipper 842 (GCP-CO)
	5603	U 0833	Honolulu Aero wkg United 5515 (SK-CA)
	9051	C 0555	NMO- CG Honolulu - V mkr (JEB-CA)
	13300	U 0310	Honolulu Aero wkg Japan Air 692 (HCB-WA)
NCAL:	18960	C 0402	FUJ- FF NAVRAD Noumea - V mkr (SN-TX)
	22461	C var.	FUJ- FF NAVRAD Noumea - V mkr (GLT-NM) (JEB-CA)
NZEL:	5915	C 0501	ZL22g- Wellington Metro - CQ mkr (SPH-CA)
	8500	C 0525	ZL22z- Wellington Metro - CQ mkr (JEB-CA)
	8505	C 0635	ZLB4- Avarua MARCO - DE/QSX mkr (JEB-CA)
	8678	C 0610	ZLP2- Iirirangi NAVRAD - V mkr (JEB-CA)
	8903	U 1051	Auckland Aero - VOLMET b/c (RBC-CA)
	8997	U 0909	ZLK- Christchurch Aero wkg MAC 50230 (MTC-AZ)
	12546	C 0415	ZLB- Avarua MARCO - CQ mkr (JR-ND)
	12740	C 0515	ZLB5- Avarua MARCO - t/c with ?? (JEB-CA)
	12944	C 1226	ZLP5- Iirirangi NAVRAD - V/QSX mkr (MTC-AZ)
	13251	C 0357	ZLK- Christchurch Aero wkg MAC 59405 (GHS-IL)
	16875	C 0339	ZLO- Iirirangi NAVRAD - DE/QSX mkr (SN-TX)
	17000	C 0355	ZLP2- Iirirangi NAVRAD - V/QSX mkr (SN-TX)
			**** ANTARCTICA ****
	8690	C 1218	FJY4- St. Paul & Amsterdian MARCO - V mkr (RF-MO)
	8997	U 1034	NFX- South Pole Sta wkg Xray Delta 04 (MTC-AZ)
	8997	U 0925	NQU- Siple Station wkg Mac Center (MTC-AZ)
	8997	U 0912	NZCW- McMurdo Center wkg South Pole (MTC-AZ)
	8997	U 1027	(a/c) Xray Delta 02 wkg Mac Center (MTC-AZ)
	8997	U 0958	(a/c) Xray Delta 04 wkg Mac Center (MTC-AZ)
PORT:	14497.5	0115	CSZ48- Lisbon Air - RYS - 66/850n (TP-OH)
SAUD:	13752	1915	Jeddah clg Addis Ababa - 66/425 (RVA-FRAN)
SENE:	10407.5	0415	6VI57- ASECHA Dakar - RYS - 66/425r (RVA-IA)
	10408	var.	6VI- Dakar Air - RYS - 66/425n (JEB-CA) (TJY-MD)
	11525	0400	6VI62- Dakar Air - RYS - 66/425r (RVA-IA)
SOMA:	12182.2	0410	6OW- Muqdisho Air - RYS - 66/850n (CB-IL)
SPAN:	2787.7	2335	EBA- Madrid NAVRAD - MC mkr- 100/850r (AM-UK)
	6842	0439	EBA- Madrid NAVRAD - RYS - 66/850r (KGB-KS)
	8442	var.	EBA- Madrid NAVRAD - RYS - 100/170n (PAC-UK) (TJY-MD)
SUDN:	15730.4	1800	SUNA Khartoum - AA/NX - 66/425r (RVA-FRAN)
	19463	1651	SUNA Khartoum - FF/NX - 66/425n (KCB-KS)
SURI:	12009	0030	PZP- Zanderji Air - RYS/WX bc 66/850n (AM-UK)
SWED:	20960	1200	SAM- MFA Stockholm - msg EMB Monrovia - 66/425r (AM)
TIMN:	7695	1416	3MA22- CNA Taipei - EE/NX - 66/425r (MTC-AZ)
URGY:	6993	2329	CVR69- AP Montevideo - SS/NX - 66/425r (IK-UK)
	20471.8	1600	CXR- Montevideo NAVRAD - DE mkr- 100/850r (AM-UK)
USA..:	6340.4	0455	NMN- CG Portsmouth wkg HZFI/HZET-100/170r (RMA-IA)
	8462	1915	NMC- CG San Francisco- AFRTS NX-100/425r (JEB-CA)
	13097.9	0213	WLO- Mobile MARCO- EE/NX (FECTOR) (FJO-OH)
	14853	1810	WBR7g- Miami Metro- wkg WMEY- 100/425n (JEB-CA)
	17207	2255	WCC- Chatham MARCO- EE/NX (ARCTOR) (FUJO-OH)
	23716.5	2147	WFG83- AFP New York- FF/NX - 60/425n (TJY-MD)
USSR:	8082.1	1840	ROM5- Tashkent Metro- WX - 66/425r (RVA-FRAN)
	13531	0600	RD275- TASS Moscow - RYS - 66/425r (JEB-CA)
	14630	1855	RF38- TASS Moscow - RYS - 66/?? (PAC-UK)
VIET:	7512	1426	XVI69- Hanoi Metro - RYS - 66/170r (MTC-AZ)
	10599	1514	VNA25- VNA Hanoi - EE/NX - 66/425r (MTC-AZ)
YUGO:	19440	1238	8481- Indian EMB Belgrade-clg New Delhi-66/850r (AM)
ZIRE:	10300	1730	AZAP KNCASA??- FF/NX - 66/425n (RVA-FRAN)
	6340	0140	NMK- CGC Confidence- NTM b/o- 100/425r (JEB-CA)
SHIP:	8945	0408	FNFC- Champagne- wkg WLO (ARCTOR) (FJO-OH)
	22200.7	1030	USUE- Kosmanavt- RYS - 66/170n (RVA-FRAN)
			**** VLF/VW/MW ****
	265	C 0924	"P" Rio Grande, Argentina (RF-MO)
	290	C 0204	"COG" Cayo Calman, Bahamas (RF-MO)
	319	C 1905	"LEC" Stavanger, Norway aero beacon (PAC-UK)
	353	C 0107	"FME" Tipton AAF, Fort Meade, MD beacon (TJY-MD)
	371	C 0127	"FND" Elliot, MD beacon (TJY-MD)
	381	C 1952	"SPY" Spij-Amsterdam, Holland aero beacon (PAC-UK)
	396	C 0344	"ZBB" Blmini, Bahamas aero beacon (RF-MO)
	399.5	C 2036	"ONO" Oostende-Midker, Belgium aero beacon (PAC-UK)
	500	C 1418	"GKZ" Humber MARCO, England - CQ mkr (PAC-UK)
	1613	M 0643	"RAB" Rabinal, Guatemala aero beacon (SN-TX)

19993 \*\*\* OUTER SPACE \*\*\*  
 C 2102 telemetry from possible Cosmos satellite (LVH-TX)  
 C 1429 believed part of Soviet space tracking net (LVH-TX)  
 C 1405 RUM4- probable Soviet ground sta wkg Salyut 7 (LVH-TX)  
 C 2025 believed from Salyut 7 station (LVH-TX)  
 C 0318 RSA- Soviet ANSAT beacon (FJO-OH)

\*\*\* QSLs \*\*\*  
 AK..: NOJ- CG Kodiak - PFC in 22d for SASE - (LM-CA)  
 ANTH: KC4AAD- (HAM) Simple Station - card 10d via CA. 14275 kHz (GRW-OH)  
 ARCH: LOB9- SFTS Buenos Aires- Globe card-95d MS- 8167.5 kHz (TK-MO)  
 LOL- SFTS Buenos Aires - folder card-64d MS- 15000 kHz (TK-MO)  
 AUST: VNG- SFTS Lyndhurst- Melbourne card-?d - 2 IRCs- 4500 kHz (LM-CA)  
 BRZL: ??? ENBRATEU-??? card 31d for 2 IRCs - 4244 kHz (TK-MO)  
 CAN.: VAI- Vancouver CGR, Ltr/post card-23d- XRP- 8385 kHz (GO-WA)  
 CHU- SFTS Ottawa- Fleming card-15d- XRP- 7335 kHz (LM-VA)  
 CZEQ: OMA- SFTS Prague- Observatory card-36d- 2 IRCs- 2500 kHz (TK-MO)  
 ENG.: GYE- Whitehall NAVRAD- Ltr 4246.2 kHz (SB-CT)  
 KXA- 5- Portlandhead MARGO- World Map card-46d- 2 IRCs-13072 kHz (LM-CA)  
 FRG.: DAM- Norddeich MARGO- Compass card-43d- 2 IRCs- 12763.5 kHz (TK-MO)  
 HOLL: PCH- Scheveningen MARGO- card-23d- 2 IRCs- 17007.2 kHz (GO-WA)  
 ILLY: ICB- Genoa MARGO- Ltr (SB-CT)  
 IAR- Rome MARGO- Ltr in 97d - 2 IRCs - 8670 kHz (LM-CA)  
 JPAN: JCU- Choshi MARGO- card 12878 kHz (SB-CT)  
 NZEE: JYA- Matsudo MARGO- PFC/Ltr-45d- 2 IRCs- 17081.6 kHz (LM-CA)  
 NZEE: ZLB- Awarua MARGO- Ltr- 36d- 3 IRCs- 12740 kHz (GO-WA)  
 NOR.: LFI- Rogaland MARGO- PFC- 16d- 2 IRCs- 12961.5 kHz (LM-CA)  
 PANA: AGAHO- USAF MARS Howard APB- MARS GRAM-19d-13976.4 kHz (GRW-OH)  
 P.R.: NWR- CG San Juan Ltr 12700 kHz (SB-CT)  
 SAUD: HZN<sup>50</sup>- Jeddah Metro- PFC/Ltr-29d- IRC- 23370 kHzRTTY (PAG-UK)  
 SWED: SAG4- Göteborg MARGO- SAG car-31d- 2 IRCs- 8498 kHz (LM-CA)  
 TITW: BSF- SFTS - Chung Li- Bldg card- 24d- 2 IRCs- 5000 kHz (TK-MO)  
 USA.: WWV- SFTS Ft. Collins CO- card- 06d- 10000 kHz (JAM-FL)  
 WHH- Baltimore MARGO- Ltr-03d - XRP- 12952.9 kHz (LM-VA)  
 WNN- CG Portsmouth VA - card/ltr - 8090 kHz (SB-CT)  
 WOM- Ft. Lauderdale MARGO- card - 17263.9 kHz (SB-CT)  
 WCG- Chatham MARGO- Ltr - 4331 kHz (SB-CT)  
 SHIP: NNV<sup>0</sup>XO- USNS HARKNESS- familygram-43d-MS- 144487 kHz (GRW-OH)  
 NNV<sup>0</sup>GVK- USS HARKVILLE- Ltr/pic-36d-MS- 144467 kHz (GRW-OH)  
 LIZA- SUN VIKING- PFC/pic- 42d- 2 IRCs- 8762.3 kHz (LM-CA)

Following all from (HH-WD) freqs 12320 to 12540 kHz:  
 GXTH- GULF KRESTREN... WTA 9563- LAURA... PFFS- SOLIMOBES...  
 WQZ4042- MISTY BRILEY... ZTSS- S.A. SEDERBERG... WHGJ- PENROD 72.  
 LKEH- HOEGH FAVOUR... ZFUH- MOMBKA... KDBG- PRESIDENT LINCOLN...  
 SVPT- AEGIAS BLAZE... (sorry Hank needed the space...)

NHG- Palmer Station wkg ??? (DM-ALB)  
 RUZU- Molodzhayna Base clg G 8 T (RAC-VT)  
 UCE2- Bellingshausen Base clg RUZU (RAC-VT)  
 NNV<sup>0</sup>NWB- USN MARS South Pole wkg NNV<sup>0</sup>ICE (DM-ALB)

\*\*\*\* SHIPS \*\*\*\*  
 NBDB- USS DUNCAN clg San Pedro MAROP (JR-JMS)  
 4410 U 1251 BEVERLY ANN wkg St. Louis MO IWMAR (CCP-CO)  
 4637.5 U 0070 WRB669- LEKINGTON (drill rig) clg Rig 27 (RUJ-CA)  
 5680 U 0073 NNGR- CG TAMARA p/p Ops Center via NNN (BLA-PA)  
 5680 U 0807 m/v CORNERBROOK wkg NMY (with survivors from a ditched aircraft) (BLA-PA)  
 5680 U 1550 NIEK- USS GUADACANAL wkg CG 1496, 1501 (BLA-PA)  
 5680 U 1639 STAR SHIP 466 wkg USS Guadacanal (BLA-PA)  
 5680 U 1658 NLKJ- CGC WESTWIND wkg CGC Tamara (BLA-PA)  
 6218 U 2216 WTR9192- SUE EARL wkg WTB7499 Apache (EFF-TX)  
 6292 U 1335 JHED- SEKIROKAO wkg VCS Halifax MARCO (RAC-VT)  
 6292.5 U 1830 CGBP- (GANG) MARWAL wkg VCS Halifax (RAC-VT)  
 6292.5 U 1835 CGCI- (GANG) BAFFIN wkg VCS Halifax (RAC-VT)  
 6292.5 U 1947 JEOF- SANDVIKEN wkg VCS Halifax (RAC-VT)  
 6200 U 0255 KCD8- BROOKLYN wkg CG Boston MA (JR-ND)  
 6200 U 0319 NBVC- CGC UNIMAK clg CG Boston MA (JR-ND)  
 6200 U 0233 HMS BARROW wkg CG Portsmouth VA (JR-ND)  
 6200 U 0151 HMS POTTER wkg CG Portsmouth VA (JR-ND)  
 6200 U 0616 NLKJ- CGC WESTWIND wkg CG New Orleans LA (GRW-OH)  
 6200 U 0545 m/v AMBASSADOR wkg CG Miami FL (GRW-OH)  
 6506.4 U 1245 HMS BANNER wkg CG Portsmouth VA (JDW-MN)  
 6506.4 U var. CGCS: BASSWOOD, MALLOW, BOUTWELL, wkg NVO (JR-ND) (JDW)  
 6506.4 U var. CGCS: CAPE ROMAIN, IRONWOOD, POLAR SEA, FIREBUSH, SEDGE, wkg NOJ (JR-ND)  
 6506.4 U var. CGCS: SHERMAN, CLOVER, MONRO, CONFIDENCE, POLAR STAR, YAGONA, wkg NMC (JR-ND)  
 NOAA: TOWNSEND CROMWELL, MELVILLE wkg NMO (JDW-MN)  
 NOAA: DISCOVERER, RESEARCHER, SURVEYOR clg/wkg NMC (JR-ND) (JDW-MN)

Tug ELAINE G. wkg WCM Pittsburgh PA (JDW-MN)  
 8207.4 U 0500 GUNN- CUNARD PRINCESS wkg CG San Juan via WOM (GRW-OH)  
 8269.4 U 0004 GUNT- CUNARD PRINCESS p/p via WOM (RUJ-CA)  
 12429.2 U 1331 KTSQ- SAN PEDRO wkg WRF Houston TX (RMA-IA)  
 12429.2 U 1329 KSHF- GUADALUPE clg KYY Port Arthur TX (RMA-IA)  
 12429.2 U 2050 KWAH- JACKSONVILLE wkg WRF Houston TX (JPC-MD)  
 12546 C 2238 JBMV- ACE ENTERPRISE - Cq mkr (JR-ND)  
 12648a C 0058 ESRF- DEMIANE KOROTCHENKO- call up to UDK2 (RMA-IA)  
 13113.2 U 2350 m/v JOHN WAYNE wkg CG San Francisco CA (JR-ND)  
 CGCS: POLAR SEA wkg NOJ.. BOUTWELL, CLOVER, CONFIDENCE wkg NMC (JR-ND)

CGGs: JARVIS, MALLOW wkg WMO (JR-ND)  
 NOAA: TOWNSEND CROWWELL, RESEARCHER, RAINIER wkg  
 WMO/WMC (JR-ND)

13113.2 U var.  
 13113.2 U var.  
 13974 U 2224 NNN0CVU- USS SAGINAW wkg NNN0KRQ (JR-ND)  
 13974 U 2227 NNN0VK- USS NASHVILLE wkg NNN0KRQ (JR-ND)  
 13974 U 2229 NNN0VL- USS SHREVEPORT wkg NNN0KRQ (JR-ND)  
 14470 U 0149 NNN0UP- USS NIMITZ p/p via NNN0LXV (CRW-OH)  
 16460 U 1228 PJAL- name ?? c/g Rogaland MARCO (JDW-MN)  
 16472 U 2020 HO2379- J. RAY McDERMOTT c/g WOO (JRJ-MS)  
 16491 U 2022 m/v TROPICAL c/g WOM (JRJ-MS)  
 16587.1 U 1704 KRRH- SEALAND DEVELOPER c/g KSW Oakland CA (HCB-WA)  
 16587.1 U 1423 KTSQ- SAN PEDRO wkg WRF Houston TX (RMA-IA)  
 16587.1 U 1405 KRGP- MISSOURI wkg KHT Cedar Rapids IA (RMA-IA)  
 16590.2 U 0000 KEDF- MOMAX STAR wkg WHD576 Baltimore MD (JDW-MN)  
 16690A C 4070 SZLT- POLYCHRONIS - ZLB DE SZLT mkr (SN-TX)  
 22046 U 1614 KGD8- BROOKLYN c/g WOM (JRJ-MS)  
 22124 U 1910 WMCK- OVERSEAS NEW YORK wkg KHT Cedar Rapids IA (HCB-WA)

\*\*\*\* AIRCRAFT \*\*\*\*

5505 U var. AIREVAC 70018 & CLIPPER 841 wkg Honolulu Aero (JDW-MN)  
 5505 U var. CLIPPER 10 & JAPAN AIR 943 wkg Tokyo Aero (JDW-MN)  
 5603 U var. CLIPPER 851, SINGAPORE 1, UNITED 182, UNITED 198,  
 WESTERN 566 wkg San Francisco AERO (JDW-MN) (GCP-Co)  
 5624 U 0404 EXPRESS 374 wkg Churchill Aero (JR-ND)  
 5624 U 0402 LUFTHANSA 455 wkg Frobiisher Bay Aero (JR-ND)  
 5624 U 0358 MAC 40624 wkg Gander Aero (CHS-II)  
 5673 U 0142 LUFTHANSA 515 p/p via Santa Maria Aero (JDW-MN)  
 5696 U 1953 CG 02 wkg CG Boston MA (BCW-VA)  
 5696 U 0623 CG 2102 wkg CGAS Mobile AL (BLA-PA)  
 5696 U 0130 CG 2107 wkg CG New Orleans LA (CHS-II)  
 5696 U 2234 CG 2111 wkg CG Miami FL (BLA-PA)  
 5696 U 2230 CG 1347 wkg CGC Hamilton (BLA-PA)  
 5696 U 0144 CG 1479 wkg CG New Orleans LA (CHS-II)  
 5696 U 0130 CG 0785 wkg CG New Orleans LA (WJS-ONT)  
 5696 U 1930 CG 7250 wkg CG Boston MA (BCW-VA)  
 6540 U var. EASTERN 538, AIR CANADA 904, CLIPPER 60, AMERICAN 676  
 wkg New York Aero (JDW-MN) (LJT-IL)  
 6750 U 0250 MAC 50232 p/p Phantom via Loring AW's (RAL-OH)  
 8826 U 0311 CALEDONIAN 366 wkg Niamey Aero (PAG-NC)  
 8854 U var. SOUTH PACIFIC 410, JAPAN AIR 943 wkg Guam (JDW-MN)  
 8889 U 2330 FF AF- FOKTROT ALFA 996 wkg Canarias Aero (IK-UK)  
 8910 U var. N.40X.Y. & TWA 761 wkg Frobiisher Bay Aero (JR-ND)  
 8910 U var. SABENA 262, SPEEDBEIRD 006, JAPAN AIR 433 wkg  
 Cambridge Bay Aero (JR-ND)  
 8910 U var. LUFTHANSA 650, JAPAN AIR 624, TANGSO LIMA 330, KLM 868,  
 SCANDINAVIAN 980, JAPAN AIR 423 wkg Reykjavik (JR-ND)

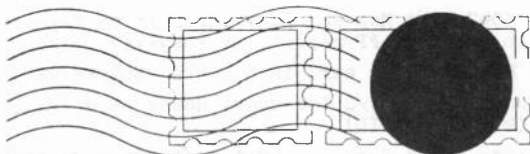
\*\*\* 71 contributors this month. Forced to drop @ 200 loggings.....

(RMA-FRAN)	Roger Aked	(RAL-OH)	Michael Leary
(BLA-PA)	Brian Alexander	(ML-ME)	Robert Lewallyn
(RMA-IA)	Rodney Alexander	(RJL-GA)	Terry Lindley
(JHA-LA)	James Andrew	(TML-AL)	James Marlin
(SB-CT)	Sam Barto	(JAM-FL)	Robert Marshall
(KGB-KS)	Kirk Baxter	(RM-AZ)	Lohr McKinstry
(HCB-WA)	Hobaert Beal	(LM-VA)	Lois McLain
(JEB-CA)	Jason Berrri	(JM-CA)	James Mitcham
(DKB-MA)	Donald Black	(JM-ME)	Don Moman
(CB-IL)	Clif Brown	(DM-ALB)	Alex Moore
(RBC-CA)	Roy Carlson	(AN-UK)	Sam Neal
(JPC-MD)	John Cereghin	(SN-TX)	Carl Olson
(MTC-AZ)	Mike Chabak	(CCO-MD)	Fred Osterman
(RJC-MA)	Robert Coleman	(FJO-OH)	Greg Overton
(PAC-UK)	Peter Conway	(GO-WA)	Morris Pfeffer
(BAC-VT)	Robert Curtis	(MP-NY)	Charles Pringle
(JLD-PA)	John Demmitt	(CCP-CO)	Terry Provanice
(GLD-NC)	Greg Duncan	(TP-OH)	Robert Rankin
(ME-MA)	Mark Eramo	(RLR-KS)	John Reisenauer
(RF-MO)	Robert Flick	(JR-ND)	Thomas Sable
(FER-SC)	Phillip Forrester	(TFS-NY)	Greg Shepherd
(SF-CA)	S. Forsman	(CHS-IL)	Steven Stenick
(RF-MA)	Robert Fraser	(SS-NJ)	Leonard Stock
(PAG-NC)	Paul Gllster	(LJS-CO)	Wilf Stone
(DCH-GA)	Dan Halbert	(WJS-ONT)	Glenn Thompson
(RMT-NY)	Ruth Hesch	(GLT-NM)	Loren Thompson
(HH-MD)	Hank Holbrook	(LJT-IL)	Peggy Thompson
(HGJ-TX)	Howard Johnson	(PAT-CA)	Larry Van Horn
(MWJ-ID)	Mark Johnson	(LVH-TX)	Gene Vallega
(JRW-ID)	Jack Jones	(CFW-OH)	John Williams
(EFK-TX)	Emil Kasprzyk	(JDM-MN)	David Wilson
(IK-UK)	Ian Kerr	(DLW-PA)	Bernie Wimmers
(SK-CA)	Steven Kidd	(BGW-VA)	Thomas Yingling
(TK-MO)	Terry Klasek	(TJY-MD)	
(KWK-VA)	Kraig Krist		

\*\*\* To ONE AND ALL, Merry Christmas, Happy Hanukkah, or Bah Humbug!!  
 Have a safe and sound New Year's Eve... See you all in 1983.

MC





**EDITOR:**  
JOHN KAPINOS  
86 S. QUINSIGAMOND AVE.  
SHREWSBURY, MA 01545

Deadline: 12th of the month

## QSL REPORTS

Bon Bini - Welcome - to the final edition of QSL reports for 1982. T'is been a pretty good year, with several former non-verifiers starting to answer reports and no major defections from the ranks of regular QSLers. Now on to the business at hand .....

### AFRICA

- ANGOLA: Radio Nacional, 11955, f/d personal letter in 31 days for PP report and 2 IRC, v/s Miguel Da C. Bras, Chief, Department of Exchange and Public Opinion (Wilkins-CO). Super job, John, first report I've seen from this one in my tenure as editor (kap).
- BENIN: ORTB, 4870, p/d cards in 71 days, IRC (Jones-VA), in 48 days for 2 IRC (Kanon-NY).
- CAMEROUN: Radio Bertoua, 4750, f/d form letter in 44 days for EE/FF report and 2 IRC (Wilczek-IL). They do request 2 IRC (kap).
- CANARY ISLANDS: Radio Nacional Espana Tenerife Relay, 15365, f/d Diaz Art card in 29 days for IRC (returned) (Hosmer-MI).
- KENYA: Voice of Kenya, 4934, f/d aerogramme in 15 days (Sharp-FL).
- LESOTHO: BBC Relay, 9515, n/d Thames cd in 55 days (Wilczek-IL).
- LIBERIA: ELBC, 3255, f/d "Sound of Progress" card in 30 days, IRC (Ross-ONT); ELWA, 11830, f/d Antenna Farm card and pennant in 54 days, 3 IRC (Ledford-NJ), f/d Broadcasting House cd in 153 days, 2 IRC (Marin-FL); United Nations Radio via Monrovia, 15240, f/d UN Building card in 18 days along with sked (Schulsinger-OH).
- NIGERIA: FRCN-Kaduna, 4770, f/d form letter in 97 days, 2 IRC (Moore-TX); Radio Kwara, 7145, f/d form letter in 61 days, IRC (Wilczek-IL); Voice of Nigeria, 7255, f/d Remeberence Arcade card in 280 days (Ross-ONT), 15120, same in 195 days, \$1. US (Hesch-NY), in 80 days, 2 IRC (Thompson-NM), in 239 days, 3 IRC (Christopher-NJ).
- SENEGAL: Radio Nationale Du Senegal, 7210, blue/white logo card in 388 days, IRC (Wilczek-IL). I don't know what the story is on the "Senegambia" merger. My understanding is that it is (was) to be only a partial merger and that Senegal and Gambia would otherwise remain autonomous (kap).
- SOUTH AFRICA: SABC, 4835, f/d cd in 20 days (Kanon-NY); RADIO RSA, 3230, 5980, 9585, 9615, 9616, 15155, 17745, f/d cards in 26 days (Ross-ONT), in 23 days (Thompson-NM), in 24 days (Kanon-NY), in 15 days (Miller-CA), in 27 days (Ledford-NJ), in 16 days (Muzyka-NY), 79 days (Smith-FL)
- SWAZILAND: Radio Paralelo 27 (SCR), 6155, f/d Swazi Warrior card in 6 weeks for IRC (Howard-CA); f/d cd in 54 days, 2 IRC (Speer-CA); Trans World Radio - Manzini, 5055, f/d Station House card in 25 days, IRC (Van Horn-TX); 11965, same in 44 days, 2 IRC (Welch-MA).

TOGO: Radio Togo, 5047, f/d Map and Logo cards in 65 days, FF report, IRC (Wilczek-IL), in 40 days, FF report, ms (Lay-VA)

TRANSKEI: Capital Radio, 3930, card in 6 weeks (Sparks-CA).

UGANDA: Radio Uganda, 15325, f/d Broadcast House card in 197 days for EE report, 2 IRC (M. Johnson-ID).

ZAMBIA: Zambia Broadcasting Service, 4911, f/d "On Government Service" card in 35 days, 2 IRC (Wilczek-IL)

ZIMBABWE: RZ-3396, large p/d map card in 50 days, 2 IRC (Lay-VA). This map card has lasted a long time, going back to days when the nation was known as Southern Rhodesia.

#### ANTARCTICA

LRA-36, Radio National del San Gabriel, 15474v, f/d logo card in 97 days, SS report, 2 IRC. (Klasek-MO).

#### ASIA

BURMA: Burma Broadcasting Service, 5985, f/d Logo card in 120 days for 2 IRC (O'Riordan-ID).

CHINA: Xingjiang PBS, 4735, f/d cd via Peking in 21 days (Wilczek-IL); Guangxi PBS, 4915, f/d cd via Peking in 26 days (Wilkins-CO); Nei Menggu PPBS, 7105, f/d cd in 27 days (Hall-CA); Radio Peking, 15165, 17855, 17680, f/d cards in 14 days (Radtke-CA), 26 days (Wilkins-CO), 27 days (Kapinos-??), 34 days (Ulmer-LA), 35 days (Ledford-NJ). Pennants skeds and brochures were also received.

INDIA: All India Radio, 11620, f/d Chitragupta Temple cards in 40 days, IRC (Hosmer-MI), in 32 days, IRC (Kapinos-Aruba).

INDONESIA: RSPKDT2, Gresik, 2907, II letter in 1 month for II report and ms, v/s Avhmad Santoso (Sparks-CA); RRI Fak-Fak, 4790, II letter in 33 days for II report, IRC (Wilczek-IL), RRI Ternate, 3345, II form letter in 34 days, II report, IRC, v/s Rusby Bachmic (Wilczek); RRI Kendari, 4000, II letter in 22 days, II report, IRC (Wilczek); RRI Palanekaraya, 3325, f/d letter in 20 days, II report, ms, v/s Djoko Suryanto (Wilkins-CO). Note that all replies were received for Indonesian reports. Radio Netherlands has a rather neat II reporting form with appropriate EE translations available for the asking. A nice note to Jonathan Marks at RN in Hilversum will get you a copy (kap).

JAPAN: Radio Tampa (Domestic Service), 9595, f/d card in 30 days (Lord-CA); NHK-Radio Japan, 15195, 21610, 21640, cards in 20 days (Speer-CA), 6 weeks (Wilkins-CO), 21 days (Preston-CA), 21 days (Hamer-MI), 23 days (Thompson-NM), 35 days (Kanon-NY)

KAMPUCHEA: Voice of the People of Kampuchea, 9695, f/d form card in 360 days (Radtke-CA), same in 13 months (Lobdell-MA).

KOREA, REPUBLIC OF: Radio Korea, 11830, f/d card and pennant in 15 days (Miller-CA), same in 15 days, 2 IRC (Thompson-NM).

MONGOLIA: Radio Ulan Bator, 12070, f/d cards in 191 days (Grishin-ONT), in 105 days, IRC (Hesch-NY), in 6½ months, IRC (Jones-VA), (Hensley-TX).

MALAYSIA: Radio Malaysia - Penang, 7295, p/d aerogramme in 20 days, IRC (Wilkins-CO); Voice of Malaysia - Kuala Lumpur, 15295, f/d Bowl Drum card in 72 days (Sharp-FL).

PHILIPPINES: Radio Veritas Asia, 9670, card in 63 days (Miller-CA); 11955, f/d Tamil Program Staff cd in 53 days, 2 IRC (Speer-CA).

SINGAPORE: Singapore Broadcasting Corporation, 11940, f/d Singapore Skyline card in 71 days (Zolla-CA).

SRI LANKA: Adventist World Radio via SLBC, 11835, Special HAP-India card in 23 days for \$1. U.S. (Hesch-NY) Hope space permits us to illustrate this one, a first as far as I know (kap); Sri Lanka B. C., 11835; f/d card in 36 days, 2 IRC (Welch-MA). Nice to see gh pick up our item on the difficulty of getting SLBC QSLs direct in the latest R.I.B. (kap).

THAILAND: Radio Thailand, 9655, f/d card in 6 months (Cleveley-NY).

TIBET: Xizang PBS, 7170, f/d cd in 39 days via Peking (Ward-PQ).

TURKEY: Voice of Turkey, 15125, f/d card, pennant and sked in 26 days, (Van Horn-TX).

VIETNAM: Voice of Vietnam, 10040, f/d cd in 357 days (Hahn-CA), 15012, same in 22 weeks (lay-VA).

and.....one missort.....

CHINA: Hunan PBS, 4990, f/d card in 21 days via Peking (Wilczek-IL).

#### EUROPE

ALBANIA: Radio Tirana, 7120, f/d Revolutionary Spirit cd in 4½ mos (Burke-VA).

AUSTRIA: ORF, 12105, f/d Austrian Art card in 58 days, IRC (Preston-CA), f/d Mountain Scene card in 45 days, 3 IRC (English-TX).

BELGIUM: BRT, 11695, f/d Lace Maker card in 27 days (Miller-CA); f/d form letter in 21 days (Sharp-FL), f/d "Adoration de l'Agneau Mystique" cd in 44 days (Smith-FL); 17595/21810, f/d cards and pennant in 91 days (Jones-VA); La Voix de l'Amitie - ORU, 11982 and 21460, f/d cards showing antenna and harmonic filet in 14 and 21 days for FF reports (Hesch-NY).

BULGARIA: Radio Sofia, 11750, no data card in 34 days (Ledford-NJ); 15135 f/d card in 76 days (Sharp-FL).

CZECHOSLOVAKIA: Radio Prague, various freq, f/d cards in 110 days (Ulmer-LA).

ENGLAND: Radio Australia relay via BBC (Commonwealth Games), 21590, f/d R.A. card in 16 days, IRC (Welch-MA); BBC, 15070, n/d cd in 30 days (Muzyka-NY); VOA Wooferton Relay, 7170, 7200, f/d VOA 40th Anniversary cards in 18 days (Hosmer-MI), in 28 days (Ledford-NJ).

FINLAND: Radio Finalnd, 21475, n/d Finlandia Hall cd in 29 days (Tate-WV).

GREECE: Voice of Greece, 9865, f/d Chios cd in 3 months (Ulmer-LA); 12045, f/d Rhodes card in 54 days (Hensley-TX). Now.....the contest..... first copy of a Voice of Greece QSL on 15050 wins my pick of the pennant box, maybe a couple of nice pins too..... duplicate prizes in case of ties....but....deadline for U.S.A. readers is 20 December, for our overseas readers the dealine will be 10 January 1983 (kap).

GERMANY, DEMOCRATIC REPUBLIC: Radio Berlin International, 9560, f/d Ernst Thalman Platz card in 21 days (Speer-CA); 9620, f/d scenes card in 35 days (Kapinos-back in Mass.).

GERMANY, FEDERAL REPUBLIC: Deutsche Welle, 11865, n/d Broadcasting Center cd in 25 days along with pennant and sticker (Hensley-TX); Sudwesfunk Baden-Baden, 7265, card in 53 days (J. Miller-GA).

HUNGARY: Radio Budapest, 9585, f/d Buildings card in 23 days (Ledford-NJ), 11910, f/d National Costumes card in 56 days (Smith-FL); 17710, f/d Radio Budapest Short Wave Club card in 101 days (Ulmer-LA).

ITALY: RAI, 9575, f/d Bernini Sculpture card in 72 days (Schulsiner-OH); 11800, f/d Renato Guttuso art card in 62 days (Hensley-TX); Radio Pace, 15465, n/d personal verie letter in 92 days, 2 IRC (Wilczek-IL).

LUXEMBOURG: Radio Luxembourg, 6090, f/d Coat of Arms and Antenna card in 39 weeks after follow up, 79 weeks total, IRC (Wilkins-CO). RL used to be one of the quickest and reliable QSLers around, today QSLs are issued on a "hit or miss" basis" (kap).

MALTA: D.W. Relay, 11865, cd in 9 days (Thompson-NM). Looks like we won't be seeing too many more DW-Malta QSLs, as for whatever reason the Cyclops transmitter is no longer available to D.W. Best bet for a full data Malta QSL is via International Christian Radio. Check Terry Lindley's Europe section in this issue for the latest information (kap).

MONACO: Trans World Radio Monte Carlo, 9495, f/d Cyprus MW antenna card in 28 days for IRC and donation (Ledford-NJ); 11655, f/d card, pennant and sked in 70 days (Jones-VA).

NORWAY: Radio Norway, 21705, f/d card, logo sticker and newsletter in 34 days, IRC (Preston-CA).

POLAND: Radio Polonia, 9525, f/d Lazienki Park card in 50 days (Pfeffer-NY); 15120, same in 57 days (Speer-CA). Am still looking for a few Polskie Radio pennants to complete my collection. Write for details and maybe a deal can be struck (kap).

PORTUGAL: Radio Renascenca, 11730, p/d card and letter in 6 months, 2 months after follow up, 2 IRC (Lazarus-LA); Radio Portugal, 17880, f/d Seal card in 21 days (Ledford-NJ).

ROMANIA: Radio Bucharest, 11830, f/d card in 74 days (Ulmer-LA); 11940, f/d card in 131 days (Sharp-FL); 15255, f/d cards in 91 days (Speer-CA), in 101 days (Ulmer).

SPAIN: Spanish Foreign Radio, 9630, 11880, f/d cards in an average 6 weeks (Cleveley-NY, McCants-AL, Muzyka-NY, Thompson-NM, Smith-FL, Mills-VA).

SWEDEN: Radio Sweden International, 11705, f/d Logo card in 21 days, IRC (Moore-TX); 15270, f/d Logo cd in 12 days, IRC (Preston-CA); 21615 same card in 11 days (Hosmer-MI).

SWITZERLAND: Swiss Radio International, 9725, 11715, f/d cards in an average 4 weeks (Cleveley-NY, Kanon-NY, Hensley-TX, Thompson-NM, Preston-CA, Zolla-CA).

VATICAN CITY: Radio Vaticana, 6105, f/d Antenna Farm card in 14 days, IRC (Ledford-NJ); 11845, same card in 15 days (Muzyka-NY), same in 10 days IRC (Thompson-NM); 15120, f/d 50th Anniversary card in 20 days, no rp (Jones-VA).

#### MIDDLE EAST

EGYPT: Radio Cairo, 9475, f/d card in 166 days, 2 IRC (Reinecker-PA), same in 51 days (Wilczek-IL).

ISRAEL: IBA, 11640, f/d map card in 36 days (Kanon-NY).

OMAN: Radio Oman, 9510, f/d "Date Palm" folder card in 35 days, 2 IRC (Sharp-FL); 11890, same card in 666"" days (Demmitt-PA), same in 15 weeks after follow up, ms (Howard-CA). Looks like this toughie has got a new batch of cards in and is ready and willing to QSL. Log em and report em....(kap).

SAUDI ARABIA: BSKSA, 15060, f/d card in 53 days, w IRC (Kanon-NY).

QATAR: Q.B.S., 15505, f/d cd in 40 days (Jones-VA), in 40 days, IRC (Wilczek-IL), in 30 days (Welch-MA), in 36 days (Sharp-FL).

UNITED ARAB EMIRATES: Radio Dubai (UAE Radio), 15320, f/d map and logo card and pennant in 47 days (Wilczek-IL), same in 52 days, IRC (Kap), f/d card in 48 days (Ledford-NJ); 17775, f/d card, pennant and sked in 31 days, IRC (Preston-CA).

iran: no reports again this month. tell you a little secret, ye olde kap one did send them a report a month of so ago. time will tell if the imam's spy system gets SPEEDX. If so, kap will never ever get a QSL from them. As a matter of information, only one reader has ever complained about my comments regarding iran and that person has never been listed in the Contributors page of the bulletin (kap).

## OCEANIA

- AUSTRALIA: ABC - Brisbane, 4920, f/d Map card in 17 days (Lord-CA); ABC - Perth, 9610, f/d Western Australia Map card in 16 days (lord); Radio Australia, 9580, 15115, 15160, 17795, 21740, f/d cards in an average 30 days (Muzyka-NY, Ledford-NJ, Fama-CA, Pfeffer-NY, Latko-AZ, Smith-FL).
- GUAM: KTWR, 11840, f/d Programmable Routing Switcher card in 85 days, U.S. ms (Latko-AZ); 11920, same in 54 days, ms (Speer-CA).
- NEW CALEDONIA: Radio Noumea, 7170, p/d form letter with map of island in 120 days, FF report and IRC (Hesch-NY), in 24 days, 2 IRC (Kanon-NY).
- NEW ZEALAND: Radio New Zealand, 17705, f/d card in 16 days along with pennant, 3 IRC (Preston-CA), same in 12 days, 3 IRC (Ledford-NJ). Radio New Zealand QSLs and postage costs are not paid for by the government, but rather by the staff themselves. That is why they request 4 IRC now, to help keep the drain on their personal pockets a bit low (kap).
- PAPUA NEW GUINEA: Radio West New Britain, 2340, f/d Map card in 11 weeks, ms (Wilkins-CO); Radio West Sepik, 3205, n/d personal letter in 7 weeks after 2nd f/u, 80 weeks total, ms, v/s Raka Saini, Stn. Mgr. (Wilkins); Radio Morobe, 3220, f/d map card 24 days after 2nd f/u, ms/ v/s Robin Wainetti, Prov. Mgr. (Wilkins); Radio Milne Bay, 3360, f/d map card and personal letter 7 weeks after 2nd f/u, 73 weeks total, ms, v/s J. W. Duigu, Stn. Mgr. (Wilkins). Nice group here, John (kap); Radio New Ireland, 3905, f/d personal letter in 24 days, IRC, v/s J. Malisa, Prov. Stn. Mgr., who says that they are most anxious to receive reports (Wilczek-IL).
- SOLOMON ISLANDS: SIBC, 9545, f/d Logo card in 21 days, 2 IRC (McLain-CA).
- TAHITI: Radio Tahiti - FR3, 11825, f/d man blowing conch shell card in 33 days, FF report, IRC (Drollinger-WI).
- VANUATU: Radio Vanuatu, 7260, f/d Slit Gong cd in 103 days, IRC (Garrett-CA).

## NORTH AMERICA

- ANTIGUA: BBC Relay, 6175, n/d Thames cd in 25 days (Sienicki-NJ).
- BELIZE: Radio Belize, 3285, f/d Map card in 25 days (Van Horn-TX), same in 40 days (Ross-ONT).
- BONAIRE: Trans World Radio, 9755, f/d TWR Building card in 29 days, 2 IRC (Sienicki); Radio Netherlands Relay, 6165, f/d Authentic Costumes card in 7 weeks, IRC (Wilkins-CO); 21685, f/d "The Sower" painting card in 13 days, IRC (Thompson-NM).
- CANADA: CFCX-Montreal, 6005, Montreal view card in 15 days, ms (Sienicki); CFRX-Toronto, 6070, Marine Mobile card in 17 days, ms (Sienicki); CFVP-Calgary, 6030, Downtown Calgary cards in 85 days, ms (Schulsinger-OH), in 21 days (Speer-CA), in 11 days, ms (Hall-CA); CHNX-Halifax, f/d Canada's Ocean Playground card in 23 days, ms (Sienicki); Radio Canada International, 9755, f/d DIY card in 42 days (Thompson-NM).
- COSTA RICA: TIFC, 5055, f/d card in 3 months, 2 IRC (Burke-VA); Radio Reloj, 4832, p/d Broadcasting card in 21 days after numerous f/u, SS report, ms (Klasek-MO).
- CUBA: Radio Moscow Havana Relay, 9600, f/d cd in 32 days (Ulmer-CA); 11840, f/d card in 2 months, also received ambiguous 31 meter band card for report on 10000 report (Wilczek-IL), f/d card in 32 days (Ulmer-LA); Radio Habana Cuba, 11930, f/d card in 105 days (Grishin-ONT); 17750, f/d card in 180 days, IRC (Hosmer-MI).
- GUATEMALA: Union Radio - TGMUA, 5980, f/d AWR-Latin America card in a total 15 months. QSL received through the efforts of Mr. Tulio R. Haylock of AWR Washington, DC HQ (Parks-FL).
- HAITI: Radio Citadelle-4VWA, 6155, partial data letter in 33 days, FF rpt, #1. US (Parks-FL), same in 25 days, FF report, 2 IRC, v/s Emmanuel C. Eugene (Klasek-MO).

HAITI: (continued); 4VEH, 11835, f/d Studio cards in 37 days, 2 IRC (McLain-CA), in 53 days, 2 IRC (Speer-CA), in 32 days, IRC (Moore-TX).

HONDURAS: HRVC, 4820, f/d Logo card in 40 days (Jones-VA); Radio Variedades-6000, full data personal letter and prepared card in 5 weeks, v/s Alex R. Lanza Guzman, SS report, ms (Lazarus-LA).

MEXICO: Radio Universidad SLP, 61045, personal letter in 49 days for SS report, v/s Manuel Carillo Grageda, Director (Wilczek-IL); Radio Mexico, f/d card in 45 days, IRC (Ross-ONT).

MONTERRAT: DW Relay, 11705, f/d EDXC Contest card in 106 days (Kanon-NY).

U. S. A.: WRNO - New Orleans, various frequencies, p/d cards in an average 30 days (Smith-FL, Ward-PQ, McCants-AL, Klasek-MO, Sienciki-NJ); WYFR-Okeechobee, 11830, f/d card in 12 days (Muzyka-NY), 15 days (Ward-PQ); 15365, f/d card in 20 days (Taylor-MO).

#### SOUTH AMERICA

ARGENTINA: Radio Belgrano, 6090, f/d card in 14 days, SS report, IRC, v/s Ing. Felix A. Argota Salinas (Parks-FL); Radio El Mundo, 11755, blue/white card in 123 days, EE report (Ross-ONT); R A E, 9690, 11710, 15345, cards in 120 days (Ross-ONT), in 23 days, IRC (Preston-CA), in 32 days (Hahn-CA), in 29 days, 2 IRC (Kanon-NY), in 33 days (Sugai-JAPAN), in 20 days (Pfeffer-NY), in 22 days (Drollinger-WI). RAE has a nice blue and white pennant, usually available for the asking (kap). I'm still waiting for the "March of the Malvinas" tape they promised me back in June (kap).

BOLIVIA: Radio Stentor, 6185v, date/freq personal letter in 33 days for SS report, 2 IRC, v/s Fernando Chappe Z. (Parks-FL); Radio Abaroa, 4710v, f/d pink "Palm Tree and Hut" card in 109 days, SS report, IRC, v/s Rolman Medina M. QSL Manager (Parks).

BRAZIL: R. Educacao Rural De Coari, 2490, p/d personal letter in 29 days PP report, ms, v/s Padre Martin James Lauman (Parks-FL); R. Cultura da Bahia, 9595, p/d personal letter in 28 days, PP report, ms, v/s Djalma Costa Lino (Parks); R. Rio Mar, 9695, p/d PP/EE Map card in 54 days for PP report (Wilczek-IL); R. Nacional de Cruzeiro do Sul, 4765, f/d prepared card in 3 weeks after 2nd f/u, 72 weeks total, PP report, ms, v/s Maria De Oliveira Da Silva, Gerente (Wilkins-CO); Radio Anhanguera, 4915, p/d card in 6 months along with photo and cards for PP report, ms, v/s Jose Carlos Silva, Director Artistico (Lobdell-MA); Radio TV Cultura Sao Paulo, 6165, personal letter, brochure and sticker in 98 days for PP report, IRC, v/s Olimpio Jose Franco (Parks); Radio Marumby, 9675, f/d scene card in 25 days, PP report, ms, v/s Claudio R. Moraes (Kivell-NM); Radio Bras, 15290, f/d Water Fall card, sked and sticker in 105 days (Bartsch-MN). Nice turnout here folks. Note that all the regionals took a PP report and ms (kap).

CHILE: Rdif. Patagonia Chilena, 6080, SS letter in 1 month after f/u for SS report and ms, v/s Luis A Ojeda Ojeda, Dir. (Sparks-CA); Radio Agricultura, 9630, f/d personal letter in 28 days on third try, SS report, IRC, v/s Carlos Toldeo Verdugo, Editor DX (Wilczek-IL).

COLOMBIA: Radio Santa Fe, 4965, n/d form letter in 50 days, SS report, IRC (Moore-TX), same along with pennant in 26 days, SS rpt, IRC (Drollinger); Radio Bucaramanga, 4845, blue/white logo card in 35 days, SS report, IRC (Moore-TX); Radio Guatapuri, 4815, p/d personal letter in 41 days along with pennant, SS report, ms (Klasek-MO); Radio Transamazonica, 6035, SS handwritten letter in 10 months, SS report, ms, v/s Guillermo Pulido, who advises that reports may be sent to either Apartado Aereo 16555, Bogoto or to Sr. Pulido at Box 1861, Melbourne, FL 32901 (Lobdell-MA).

ECUADOR: Radio La Voz de Triunfo, 3252, f/d prepared card and personal letter 6 weeks after f/u, 3 yrs total, SS report, ms, v/s Edison Yanez B. (Lazarus-LA); Emissora Gran Colombia, 4910, n/d Thank You letter in 27 days, SS report, 2 IRC, v/s Nancy Cevallos Castro (Marin-FL); HCJB, 21477.5, f/d card in 21 days (Mills-VA).

FRENCH GUIANA FR3-Cayenne, 3385/5055, f/d Map and Logo card in 51 days for EE report, IRC, also received sticker (Sharp-FL).

GUYANA: Guyana B.C., 5950, f/d form letter in 28 days (Wilczek-IL).

NICARAGUA: LVN, 5950, n/d personal letter in 98 days, IRC (Moore-TX).

PARAGUAY: R. Nacional, 11915, p/d form letter and travel brochures in 90 days, SS report, IRC (Ross-ONT), in 17 days, 2 IRC (Hosmer-MI).

PERU: R. Cultural Amauta, 4955, f/d prepared card and personal letter in 20 days after f/u SS rpt, ms (Lazarus-LA); Radio Moderna, 4300, same in 6 weeks, ms, SS report, (Lazarus); R. Huancayo, 5955, SS letter in 3 mos after f/u, SS rpt, ms (Sparks-CA); R. Oriente, 6190, SS letter in 6 mos after f/u, SS rpt, ms (Sparks-CA); R. Atlantida, 4790, p/d letters in 147 days, SS rpt, IRC (Parks-FL), in 48 days, SS report, ms (Klasek-MO).

SURINAME: R. Apintie, 4996, f/d letter and pennant in 26 days (Jones-VA), same in 110 days, IRC (Ross-ONT).

VENEZUELA: R. Carora, 4909v, p/d personal letter in 21 days, SS rpt (Parks); R. Tachira, 4830, multicolored cloth pennants only in 1 month (Wilczek-IL), same in 46 days, IRC (Parks). Don't think that we can call these actual QSLs (kap); R. Frontera, 4760, card in 1 yr after f/u (Sparks-CA), R. Rumbos, 4970, f/d Cracas Airport view card in 139 days (Sharp-FL).

#### USSR

Radio Moscow Sites: (all f/d cards)

ASHKHABAD, 15295, 2 months (Wilczek-IL)

FRUNZE, 15500, 45 days (Smith-FL)

IRKUTSK, 21530, 55 days (McLain-CA)

MOSCOW, 9600, 32 days (Ulmer-LA)

RYAZAN, 9725, 30 days (Schulsinger-OH)

Radio Station Peace and Progress, 15280, cd in 45 days (Hahn-CA).

Radio Kiev, 11730, 11735, 17870, (Smith-FL, Kanon-NY, Speer-CA).

Radio Tashkent, 15460, 62 days (Grishin-ONT).

Radio Vilnius, 12020, 73 days (McCants-AL).

Radio Yerevan, 17870, 90 days (Van Horn-TX).

KAP'S KORNER::: As the year 1982 draws to a close, thanks to the 150 some odd different contributors who supported this column. Without you, there would be an awful lot of white space in this bulletin. All reports are most gratefully accepted, whether from the more common stations or from the great rarities. Once in a while space considerations will necessitate some judicious pruning, but often is the case that all reports received are used. A goal for next year is having 100+ contributors for a single issue. You can do it, folks.

All comments, both critical and favorable are appreciated. While we know that we can not please all of the people all of the time, we do try to please most of the people all of the time. Constructive criticism makes this a better column for everyone. Anyone befuddled by some of the much needed abbreviations used here can just drop us a card and we'll send you the magic code sheet. As always, return postage is not required for an answer to any correspondence.

I would prefer that you not send me your original QSLs, especially some of the rare ones, as there is always the possibility that a loss may occur somewhere along the line. Crisp photocopies are fine.

And now, prior to my slinking up to the den to sip a few much needed Amstels, may I take this opportunity to wish on my and Muriel's behalf a most Merry Christmas and Happy Chanuckah as well as a most Prosperous and Happy New Year to everyone.

*BEST, Kap* 11.17.82

# Tips and Topics

THE FEATURE SECTION OF SPEEDX

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## TECHNICAL ROUNDUP

EQUIPMENT, ANTENNAS, RECEIVERS,  
ASSESSORIES, AND NEW IDEAS

### COMPARISON OF THE MFJ SHORTWAVE/LONGWAVE ANTENNA TUNER AND THE GROVE MINI TUNER, TUN 3

by Bob Flick, MO

to 30 MHz. This unit did, indeed, tune from 10 kHz to 412 kHz in the longwave range. However, not in the ranges indicated on their dial settings. The tuning condenser is one of those miniature Japanese jobs with plastic dielectric and had such a "sloppy feel" that it gave me the impression I was playing with a 10 year old kids toy.

The range between 412 and 500 kHz was so swamped with BC hash as to be unusable. The unit peaked SW radio signals to about 5 MHz. Above 6 MHz all signals were attenuated from 10 to 20 db! Completely worthless on shortwave.

I then purchased a Grove Mini-Tuner, TUN 3. This unit is solidly built and claims a tuning range from 100 kHz to 30 MHz. The unit tuned (in the longwave band) from 100 to 414 kHz. No signals above 414 to 500 kHz were audible, although I could hear CW signals when the tuning unit was by-passed. The Grove unit peaked signals up to 30 MHz. Unfortunately, when compared to my regular antenna tuner (an MFJ Model 944 designed for amateur use) all the signals peaked on the Grove unit were several db's lower in signal strength. The Grove unit tuned all signals within the frequencies indicated on their dial ranges.

As indicated, neither unit tuned between 414 kHz and the broadcast band. The Grove unit just didn't tune this range while the MFJ unit did tune to 500 kHz, but was swamped by BC signals. I rigged a little filter ahead of the MFJ unit and it then worked ok in this area.

As far as I know, these are the only two units available to the radio listener who might wish to tune the longwave bands. Both reflect the poor design considerations given to equipment offered to shortwave listeners. I paid \$79.95 for the MFJ-955 and \$54.95 for the minituner (TUN-3); both had an extra charge for shipping and handling. Therefore, as the Roman's said, "Let the buyer Beware." Experience is knowing you made a mistake the second time you do it!

### REVIEW OF THE MFJ-1070 PRESELECTOR

by Bill Williams, FL

I recently purchased an MFJ-1070 Preselector at a local amateur radio supply store. In conjunction with my FRG-7, the unit worked very well. I can highly recommend its use for the

following reasons: (1) The price. It was a modest \$59.95 (list 79.95). Despite this low price, as compared to other MFJ models, it features many features normally found only on higher-priced models. For example, it features matching RF Gain, Band Selection, and Fine Tuning controls, in addition to an on/off pilot light, and a noise suppressor. The latter is an exclusive feature on the 1070 model. (2) Its overall performance. When connected to my outdoor longwire of 150 feet, I made the following observations:

<u>STATION</u>	<u>FREQUENCY</u>	<u>SINPO w/o 1070</u>	<u>SINPO with 1070</u>
Radio South Africa	4880	32333	43434
Radio Cairo, Egypt	11665	22322	32322
Radio Moscow, USSR	17870	43333	44444
Radio Korea	9977	22222	32333
R. Rural Natal, Brazil	3335	21211	32322

If not a quantitative analysis, this will at least acquaint you qualitatively with its relative merits. As you can see, the unit improved not only selectivity, but also enhanced the sensitivity of my receiver in most of the above cases. Of course, your performance will depend upon your receiver, antenna, and location. (3) Its availability.



The dealer told me MFJ will highly promote this model, and it should be at your local MFJ supply store soon, if not already.

The tuning range of the MFJ-1070 preselector is 3-30 MHz. Listed average gain (3-22 MHz) is 26 dB. Image rejection at 15 MHz is 11 db. Judging by my experiences with this model, these specs seem accurate. The unit is a compact 7" x 4" x 3". It is relatively easy to operate. The knobs are large, and are easily tuned by even inexperienced DXers.

In conclusion, the MFJ-1070 is an excellent preselector, and would be a fine addition to any DX shack.

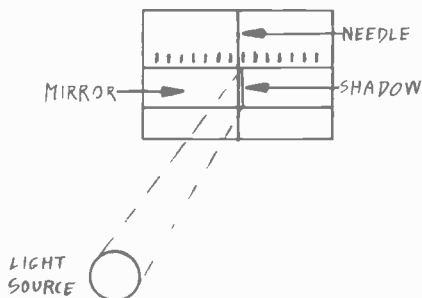
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A DIAL MODIFICATION FOR THE FRG-7 (That Didn't Work!)

by Mike Schulsinger, OH

Why, you might ask, would anyone want to read about a modification attempt that failed? Well, when I asked myself that question, I came up with two good reasons. First of all, many aspiring inventors give up after their first try, or even before. If things aren't perfect the first time around, they figure the basic idea must be at fault. Second, just because the idea bombed on my FRG-7 doesn't mean it won't work on someone else's receiver.

question, I came up with two good reasons. First of all, many aspiring inventors give up after their first try, or even before. If things aren't perfect the first time around, they figure the basic idea must be at fault. Second, just because the idea bombed on my FRG-7 doesn't mean it won't work on someone else's receiver.

The idea for the modification came from my work with precision analog meters. Before the spread of the digital meter, analog meters used to achieve improved accuracy using the trick shown in the accompanying figure. A mirror was placed on the meter face near the index markings. A light placed behind the person reading the meter would strike the meter needle, leaving a shadow on the mirror. The user would then line up the needle with its shadow and take the reading at that point.



The Yaesu FRG-7 has a wide space under it kiloHertz dial markings. I purchased a roll of recorder sensing tape (Radio Shack 44-1155 \$1.99), removed the Frog-7's cover and applied the aluminum tape around the base of the kiloHertz drum. I then reassembled the Frog and turned it on.

Well, it didn't work. The difficulty here is that the FRG-7 dial is illuminated from inside, not outside, the case, so there was no distinct shadow to get a fix on. The light outside must be greater than the light inside in order for the mirror to work. But I'm not giving up yet; unless, of course, someone sends me a digital readout dial kit for my birthday!

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**BOOK REVIEW**

MAN OF HIGH FIDELITY: A BOOK REVIEW. . .

by Dave Maxfield, MI

Chris Hansen's "Shortwave Center" recently advised us (FRENEX, 10/82, p. 3) to read Lawrence Lessing's biography of Edwin Howard Armstrong entitled Man of High Fidelity. This 320-page book was first published by the J.B. Lippincott Co. in 1956, and was reprinted as a paperback in 1969 by Bantam Books. Hopefully, it is still available in libraries; for it is "must" reading not only for SWL/DXers, but for radio amateurs, and for anyone else concerned with the electronic arts.

The words "high fidelity" in the title refer to Armstrong's life as well as to some of his achievements. While an engineering undergraduate in 1912, he took the hitherto misunderstood and misused vacuum tube, and invented regenerative (or feedback) circuits for both transmitting and receiving. As a World War I Signal Corps Major, he developed the invaluable superheterodyne. As Professor of Electrical Engineering at Columbia University in the 1930's, he perfected equipment for FM reception and transmission, incidentally discovering principles upon which Shannon (and others) based the modern information theory which has led to computers and the age of automation. His radar work, almost completed at the end of World War II, is still largely classified.

Armstrong's regenerative circuits ended the spark-gap era of wireless, and made possible the great broadcasting developments—and industries—of the 1920s and 1930s. His superheterodyne discoveries brought improvements not only to broadcasting, but to other forms of radio as well. His FM contributions gave the world static-free radio, and allowed TV to become a practical daily medium. Though his radar invention cannot, as yet, be fully assessed, they are basic to some of America's most important defense capabilities, while various implications of his theoretical discoveries continue to unfold.

For all of these incredible achievements he should be vastly rich, intensely happy and justly famous. Right? Wrong! A ruined man in 1954, he committed suicide, and is relatively unknown today. Ruthless little men (and their shyster lawyers) in the gigantic corporations that were built upon his inventions took advantage of him, misrepresented his work, infringed his patents, refused him royalties, and got rich by mass-producing inferior products. Whenever—zealous for his rights, concerned for scientific truth, and faithful to visions of optimum communications—he protested, they harassed him in multiple, ruinously expensive lawsuits that took whole decades from his creative life. The tactics and chicanery they employed were destructive in the extreme, and included disparaging, misleading and lying propaganda that was widely spread abroad.

Inasmuch as he stubbornly persisted against all odds in fighting for his rights and principles, litigation continued until much of his public reputation was destroyed. Finally, his personal and economic health was undermined, and his family life so disrupted, that—despite widespread acclaim from scientific societies and the academic world—he leaped from a 13th story window in despair, and few popular histories of radio currently give him his due. Lessing's book, therefore, depicts a true American tragedy. A great and good man was brought down by jealous enemies, who relentlessly destroyed him.

The author began writing only a few months after the inventor's death, had full access to all his archives, and was able to interview many of his relatives and associates. Thus the book is wholly authoritative. Its style, moreover, is so readable that one cannot put it down until the end. This is particularly true because Lessing relates Armstrong's life and personality to the rapidly-changing social and communications conditions of his times: the smugness of pre-war America, the idealistic excitement of World War I, the hyperactivity of the 1920's, the discouragements of the great depression, the grim activities of the second world war, and the unfairness of the McCarthy era of the 1950's. Not only does Armstrong come alive as a man, but so do years as far away as the early 1900s.

The book uses little technical jargon, employing the simple language that Armstrong always preferred, although no oversimplification of difficult material occurs. Eight pages of readily-grasped circuit diagrams are included, and the original edition contains a number of interesting half-tones. A three page bibliography of Armstrong's scientific papers—foundation stone classics of electronic progress—is provided as an appendix.

This volume not only merits frequent rereading, but constant reprinting. In telling radio history as it should be told, it offers fascinating insights into our past, and suggests many frightening things about the blindness, ruthlessness and cruelty of the "American Way" of capitalism. Get it and read it.

## STATION REVIEW

RADIO AUSTRALIA RELAYS OVER BBC FACILITIES

by Adrian M. Peterson, Director of AWR-Asia

For the first time in its more than 40 years of broadcasting, Radio Australia has specifically commissioned relay services outside the island continent. These new and temporary relay facilities were utilized during the Commonwealth Games in Brisbane.

Over the years, Radio Australia programming has been relayed in many overseas countries, but his has always been as a service to the listeners in the country involved, rather than as a specific outreach by Radio Australia itself. For example, cricket and tennis commentaries have been rebroadcast on relay from Radio Australia for the benefit of listeners in Great Britain, the Caribbean, India and Pakistan. The program "Americans Calling Home" was relayed during World War II by several hundred MW-AM stations in North America. The BBC and Radio Australia services in French were relayed by the AWA SW outlet in Suva, Fiji, station VPD2. Likewise, during World War II, and after, Radio Australia programs have been carried on relay by AFRTS, BFBS, and Australian Amenities stations located in New Guinea, Indonesia, Philippines, Jerusalem, Japan, and in the Pacific, as well as Korea and Vietnam. Also, large blocks of programming from Radio Australia have been rebroadcast from such stations as VLU2 Christmas Island, VKW Cocos Island, VL2NI Norfolk Island, and 2LH on Lord Howe, and the stations on Nauru and in the Maldiv Islands.

By specific request, Radio Australia has also acted as a feeder service on behalf of other large radio stations. For example, RA relayed the BBC service to the British Fleet in the Pacific in mid-1945, and the South East Asia command, SEAC, news commentaries to the US soon afterwards. One of the most significant feeder relays by Radio Australia some years ago was when the Voice of America program, "The Philippine Hour" was broadcast, on behalf of VOA to the Philippines. This relay, in 1944, was carried over the 50 kw VLC in Shepparton, which was a new RCA transmitter at the time.

In addition, Radio Australia has acted as a feeder service for Radio New Zealand, United Nations Radio, and the Canadian Broadcasting Corporation. Soon after the end of World

War II, Radio Australia relayed a daily news bulletin from the NZES to the NZ MW station WLKE, Kure in Japan. In 1950, RA relayed the UN broadcasts in Chinese from Lake Success to East Asia. And for 3 years, from October 1952 until September 1955, RA relayed a 15 minute daily program of news and commentaries from the CBC in Canada to Canadian troops in Japan and Korea.

However the recent relays of RA over four different BBC facilities is a remarkable new development, which indicates a shift in Australian government policy, and which could herald the extension of regular RA programming on a much wider basis.

Beginning on Thursday September 30, and with little prior publicity, the familiar tuning signal from RA, Waltzing Matilda, was heard over transmitters located at the BBC relay stations on Masirah Island, Cyprus, Ascension Island, and from the United Kingdom itself. A special half hour summary of the days events at the Brisbane Commonwealth Games was compiled specifically for the purpose. The program was fed from Melbourne to London by Satellite. From London it was distributed to the BBC Overseas SW bases by the usual feeder distribution network. The 100 kW BBC SW transmitter on Masirah carried the service to Southern Asia, loud and clear on 9605, for a half hour beginning at 1300 GMT. The transmitters in the UK, Cyprus and Ascension Island, carried the service to Africa beginning at 1400. The three outlets for Africa were all heard here in India, but at a lower level and with some interference. This RA relay service from the BBC concluded at the end of the Commonwealth Games, on Saturday October 9.

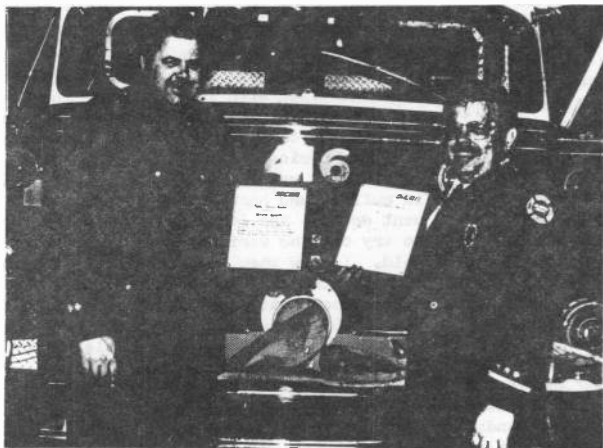
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## PUBLIC SERVICE

FIREFIIGHTS'S SCANNER MONITORING HALTS TYLENOL DEATHS  
by Mike Nikolich, IL

A "scanner" radio is not standard equipment for the Arlington Heights, Illinois, Fire Department. But Arlington Heights Fire Lieutenant Philip Cappitelli purchased one at his own expense, so he could monitor important area fire and police calls when he is at home.

His dedicated listening recently paid off in a big way. Cappitelli, along with fellow firefighter Richard Keyworth of Elk Grove Village, Illinois, were recently presented the "SCAN PUBLIC SERVICE AWARD" by the Scanner Association of North America. They



received this award for being the first to deduce that the deaths of several Chicago area residents were caused by the victims taking cyanide-laced Extra Strength Tylenol capsules.

Cappitelli's involvement in the case began Wednesday, September 29, 1982. While he was home from work, his mother-in-law phoned to inquire about the death of a 12-year-old Elk Grove Village girl. Cappitelli called Richard Keyworth of the Elk Grove Fire Department to see what he knew about the case. Keyworth reported that the girl had shown flu symptoms before she died, and that she had taken several of the pain-killing capsules earlier that day.

Later that evening, Cappitelli was listening to his "scanner," a radio which "scans" police, fire and other public service frequencies, when it locked on the Arlington Heights paramedic

Firefighters Richard Keyworth (left) and Philip Cappitelli pose with the "Public Service Awards" they recently received from the Scanner Association of North America. They received the awards for their actions in halting the string of Tylenol cyanide deaths in the Chicago area.

channel. Two brothers were being rushed to the hospital. . . and both were suffering from the same symptoms as the Elk Grove girl. In addition, both had taken the pain relief capsules before being stricken. Minutes later, a solemn transmission from the Arlington Heights Police Department announced that one of the brothers was dead and that the other was near death.

Armed with this news, Cappitelli immediately phoned Keyworth to compare notes. Out of

their conversation, the two fire-fighters realized that all three victims had taken extra-strength Tylenol that day. Cappitelli immediately phoned his mother-in-law who is a registered nurse, and asked her if there was any possibility that the over-the-counter drug might have caused the fatalities. When she agreed that Tylenol could be the cause, Cappitelli immediately contacted Arlington Heights Fire Station No. 3 to report his findings. Within minutes, medical authorities confirmed that all three of the victims did take the drug, and that their bottles were from the same lot number, and had the same expiration date.

Soon, millions of people were warned not to take the Extra Strength Tylenol capsules. The total time that had elapsed from Keyworth and Cappitelli's first phone conversation was 1½ hours. . .

Cappitelli, who has owned a Bearcat 210 scanner since 1976, listens to the radio when he is at home because it serves as a back-up warning system for monitoring important frequencies. But he never dreamed his listening would help save lives.

"If I hadn't been listening to my scanner," he says, "I don't think I would have followed up on the story. I guess the radio made me pay more attention to the details. . ."

## TIDBITS

### KANTRONICS SIGNAL ENFORCER AUDIO FILTER:

As you tune across the dial, you come across a station that you have never heard. Just as you go for pen and paper to get some details down, a strong station goes on the air only a few kHz away. You could just hit the roof and unless you have a great computerized filter on your RX, you could not do a thing about it. Ah, but the Kantronics signal enforcer helps tremendously. When connected in line with a speaker, you can do many things. This audio filter has 2 filters built in—one main and an aux. Both have the capacity to peak weak signals or strong signals can be notched out. You can even peak a weak signal and notch a strong one on the same frequency. It's also possible to use both filters to super-peak a weak station. Even if the Kantronics costs a little more, it is very well worth it. (Mark Eramo, MA)

MORE ON MINI-RECEIVERS: A couple of days after receiving the September, 1982 SPEEDX and reading about the new SONY miniature SW receivers, I had a chance to go into Boston. I had a chance to stop at the New England Radio & Television Company at 33 Stanhope Street, an authorized SONY dealer. (A free plug for putting them out.) Being only interested in the sizes and coverage of these new receivers, I glanced at the slick pages of the SONY catalog. The ICF-7600A is 4 5/8 inches x 7 1/8 inches x 1¼ inches and covers the 49, 41, 31, 25, 19, 16, and 13 meter bands. I did notice that the 25 meter band went all the way up to 12 MHz. The ICK-4800 (which should read ICR-4800) measures 2 15/16 inches by 5½ inches by 7/8 inch. This covers the 49, 31, 25, 19 and 16 meter bands. Both radios have only the regular BCB in addition, no FM. They also seem to be the ICF-7600 receiver of a few years ago reissued. In fact, both new radios and the older ICF-7600 very closely resembled each other. (Re reading about the ICF-7600 in the 1981 WRTH, it mentions that this receiver does cover the FM band. Admittedly, I only glanced at the pages in the catalog and it is possible that the ICF-7600A and

ICR-4800 both have FM.) Anyway, I was somewhat disappointed in these two new radios. SONY should have just continued on with the ICF-7600, upgraded it of course. What surprises me is no new small set has digital readout. Now I see little stick-on liquid crystal read-out clocks in department stores for about \$5 and even computers in the tops of ball-point pens. Why then can't any small radio be equipped with a read-out of liquid crystal or LEDs? The circuitry can't be all that difficult, especially as I am looking at a wrist watch which has a couple of those video games included in it. (I suppose this watch does everything but tell time.) (Robert Fraser, MA)

INEXPENSIVE EXTERNAL SPEAKERS: I recently bought a Kenwood R-600, and am generally very satisfied with it. However, the sound from the receiver's integral speaker is somewhat tinny and hard to listen to for long periods of time, and when the receiver is set for narrow bandwidth, voice is muffled and hard to understand. So I went down to the local amateur radio store to try out the various external speakers they sold. I knew they were expensive, but to my disappointment, they did not sound much better than that from the receiver itself. The SP-230 (about \$75) did sound better, and it comes with some switchable audio filters, but I was reluctant to spend that much money. I decided not to give up so easily, and went to Radio Shack. They sell a number of small speakers-in-a-box at low prices. I tried them out in the store, using a weak AM BCB station to test for voice intelligibility. I ended up buying a Minimus-3 for about \$13; it is a 4-inch speaker in a considerably larger box, and is meant for use with cheap stereos. It has the usual vinyl "walnut" case, which clashes nicely with the gray metal of the R-600. My R-600 sounds much better now. Even narrow bandwidth voice is quite intelligible, and SW broadcast music is finally pleasant to listen to. Listening is noticeably less fatiguing. The receiver has no trouble driving the larger speaker. I also discovered that all the clock radios

and other small radios around the house sound much better when this better speaker is plugged into their earphone or external speaker jacks. (Dan Halbert, CA)

VARIABLE ATTENUATOR: Have you ever had the problem of an extremely strong signal bending your S-meter around the pin? I've found very often that BBC, Radio Netherlands, and various other pumpers of megawatts have made their reception difficult at best. It usually helps to plug in 10 db of attenuation to reduce signal strength and the resulting distortion. My IC-720A has a built-in 10 db attenuator which makes life easy. On the other hand, my R-1000 has three rather unusable attenuation steps: 20 db, 40 db, and 60 db. Fortunately, the American Radio Relay League has come to the rescue. On page 11 of the September 1982 QST, the League's official journal, there is a very simple project which will ease attenuation problems. The article describes in detail how to construct a step attenuator that is variable in 1-db steps up to 81 db. According to the article, the attenuator can be fabricated from readily available parts. Otherwise, a kit is available from Circuit Board Specialists, P.O. Box 969, Pueblo, CO 81002. The price given for the kit is \$15.00 complete. You can probably find the September, 1982 QST in the library about now. If not, it is available for \$2.50 from: ARRL, Inc., 225 Main Street, Newington, CT 06111. For you technically-inclined R-1000 fans, it's a very easy thing to select three attenuation steps and plug them directly into the R-1000. I intend to modify my own by replacing R-10 through R-18 on the RX Unit circuit board with the appropriate resistor valves. Once I've done it and it works, I'll write a brief article describing the modification exactly. (Donald K. Black, MA)

NEW GE SHORTWAVE RECEIVER: SPEEDXer Larry Magne on RCI's DX Digest 9/18 recommended General Electrics new World Monitor II as a first receiver. It resembles Panasonics soon-to-be-discontinued RF-2600, and is comparable to the RF-2900 though cheaper. (A paper clip, however, must be used on the digital readout switch to keep it "on!") Larry did not say so, but it is already available in the USA for \$229 (plus \$5.50 UPS) from: The Sharper Image, 406 Jackson St., San Francisco, CA 94111. (Dave Maxfield, MI)

ATTENTION LW AND UTE FANS: Now that a subject index of chief articles 1974/81 (v.1-v.8) has appeared in its August 1982 number, the back files of The Lowdown (monthly organ of the Longwave Club of America) constitute a virtual encyclopedia of longwave listening and experimental transmitting. Almost all back issues happily are for sale; contact: W.R. McIntosh, P.O. Box 33188, Granada Hills, CA 91344. For current subscriptions apply to: W.E. Oliver, 46 Wildflower Rd., Levittown, PA 19057. (Dave Maxfield, MI)

RECEIVERS DROPPED FROM RADIO SHACK: Missing in Radio Shack's 1983 catalog is the DX-302 and DX-200. I contacted our local Radio Shack and was advised that these have been discontinued. At the present there is no replacement for these receivers. The dealer said that they may come out with a replacement model sometime next year, but he did not know. The DX-100 and two low cost portables, the DX-66 and the DX-55 are still available. (Sam Alexander, IIC)

HAM ENCOURAGES SWLING: Mark Johnson in SPEEDX (9/82, p.55) states that "hams and SWLs can exist without conflict. . . by taking the time to understand. . . their respective hobbies." Reinforcing this view, Bill Welsh (S6DDB) has just concluded six installments entitled "Short-wave Listening" in the amateur monthly CQ (May-Oct., 1982). Even though these well-written articles condescendingly appear in the "Novice" section of the magazine, stress ham viewpoints, and sometimes fall short of what a true SWL/DX fanatic would write, they are technically very good and should help to improve our image in the amateur world. Hopefully, some equally illuminating articles dealing with ham radio sometime will appear in the SWL/DX press. (Dave Maxfield, MI)

MORE ON POPULAR COMMUNICATIONS: I was not impressed by the first issue I saw of the new Popular Communications magazine. It's an attractive, slick paper monthly but the information it contains is not much. Two pages of SPEEDX gives more info than all 8 pages of Popular Communications. It attempts to cover the whole spectrum of listening—Scanners, VHF/UHF, SWL, DXing, etc. But a disappointment to me—at least this first (October 1982) issue I've seen. It's available on New York City Newstands. (Roger H. Peterson)

COMPUTERS AND ELECTRONICS: To enjoy SPEEDXer Glenn Hauser's "DX Listening column," one must now find copies of Computers and Electronics; for as of Nov. 1982 this is the new name for Popular Electronics. (Dave Maxfield, MI)

DX TIPS BY AN OLD MASTER: 79 year old SPEEDXer Larry Brookwell operates the International DXer's Club of San Diego (1826 Cypress St., 92154) almost single-handedly. Usually, his interesting monthly Bulletins (\$10/yr in USA) chiefly contain announcements and evaluations of new receivers and SWL/DX accessories. These are later edited and collected into valuable Equipment Review booklets. From time to time, the IDXCSD Bulletin also contains articles of wide general interest. For example, the issue for 9/82 (i.e., No. 52) offers two pages (pp. 11-12) of "DXing Tips" that will be most helpful to newcomers to the hobby. (Dave Maxfield, MI)

Merry Christmas and Happy Hanukkah to everyone this holiday season.

73's  
Arthur

CONTRIBUTORS LIST:

DECEMBER 1982

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

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First, the GOOD NEWS: Merry Christmas!! Now, the bad: there were just 116 contributors this month, down considerably from last month's total of 164. This is probably due to the fact that 1) our CDE Peggy Thompson has moved back to her original QTH, no doubt delaying mail sent to her ex-East Coast address(back to CA after cleaning up on Greenland, CKZN, and Burundi, eh Peggy? hi!), and 2) direct contributors lists were received from only Western Hemisphere, Africa, and Europe editors as of 11/17/82, when time limitations due to an unexpected trip forced me to "go to press" a day early. Please be assured that any late credits received here will receive credit next year(month).

Occasionally, a credit line may be missed by our editors(we're human!) and you may not receive appropriate credit here. If it does not show up the next month in your total, please feel free to contact me directly and let me know what page/item in SPEEDX the unmentioned contribution appears in, and I will see that you receive proper credit.

Please remember that you receive 1 credit per column reported to, and that columns other than SWBC/QSL/UTES/SKEDS are not credited here, but directly by the membership chairman.

Contributions which include credit(s) from last month are marked with an asterisk.

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2	ADDISON, Joe	KS	R-600	4	HILL, Elaine	SC	FRG-7700
2*	ANDREW, Jim	LA	DX-302	1	HORVITZ, Robert	RI	?
3	BARRT, Jim	PA	?	6	HOSMER, Don	MI	RF-3100
1	BARTSCH, Eric	MN	R-1000	3	HOTALING, Stan	NV	RF-2800
4*	BEAL, Hobart	WA	R4C	1	HUFFAKER, Carl	MEX	Homebrew
1	BERRI, Jason	CA	RF-2900	3	JAMES, T.L.	NC	ICF-7600
2*	BLACK, Don	MA	IC-720A	10*	JOHNSON, Mark	ID	DX-302
2	BLAKE, Jerry	IN	FRG-7700	3*	JONES, David	VA	5-151-1A
3	BURKE, Lynn	VA	SPR-4	1	JONES, Jack	MS	R-600
3	CARLSON, Virgil	WA	SX-190	3	KERRIGAN, Pat	IL	R-1000
3	CEREGHIN, John	MD	DX-302	6	KLASEK, Terry	MO	HQ-180A
2	CLAYTOR, Dave	MI	R-1000	1	KOEHLE, Wayne	IL	?
1	CLEVELEY, Russel	NY	DX-160	6*	KRIST, Kraig	VA	FRG-7700
5*	COLEMAN, Bob	MA	FRG-7	1	KROLAK, Eugene	MI	FRG-7700
3	CRAIG, Cal	OH	SW4A	1	LEDFORD, John	NJ	?
1	CREAMER, John	CO	R-1000	1	LEEMAN, Fisher	RI	?
4	CUCURA, Vladimir	PA	R-7	4	LEONARD, Mike	ME	R-1000
1	CUPPY, Brad	IN	ICF-2001	3	LINDLEY, Terry	AL	DX-300
4	D'ANGELO, R.	PA	NC-190	7*	LORD, Earle	CA	FRG-7700
3	DEMMITT, John	PA	Homebrew	2	LUCAS, Richard	CA	R-1000
8*	DROLLINGER, Rick	WI	HQ-160	5*	MCCANTS, Don	AL	RF-2299
2	DUNCAN, Gregory	NC	DX-302	2	MCLAIN, Lois	CA	SPR-4
4	EARHART, Ken	PA	NRD-505	1	MARIN, James	FL	R-600
2	ENGLISH, Don	TX	DX-302	3	MARSHALL, Ron	AZ	FRG-7000
1	ERAMO, Mark	MA	RF-2200	1	MILLER, Bill	CA	DX-300
2	FAMA, L.	CA	ICF-2001	6*	MILLS, Craig	VA	DX-150
2	FAMULARO, Ralph	CA	RF-2800	4	MOMAN, Don	AB	R-7
2	FISHER, John	MA	GPR-90	2	MOORE, Michael	TX	DX-302
1	FORRESTER, Eric	SC	?	4	MOUNTAIN, Gerry	BC	FRG-7
3	FORSMAN, Stan	CA	R-392	2	MUNSTER, Ralf	GA	DR7/FRG7700
6*	FRASER, Robert	MA	XCR-30	4	MURFF, Nathan	NM	FRG-7
1	GALLAGHER, R.	MA	DX-302	3	MURPHY, Mark	NY	ICF-2001
3	GILSTER, Paul	NC	ICF-2001	2	MUZYKA, William	NY	RF-4900
2	GREENWALD, Jeff	WY	DX-100	1	NIKOLICH, Mike	IL	HQ-180
4	GRIJALVA, G.	AZ	SPR-4	1	NORCROSS, Robert	CA	?
5*	GRISHIN, Ivan	ON	?	1	ODOM, Frank	FL	DX-60
5*	GROSVENOR, Norm	CA	FRG-7	2	OLSON, Carl	MD	IC-R70
9*	HAHN, Jeff	CA	FRG-7	10*	PARKS, William	FL	HRO-60
4	HALBERT, Dan	CA	R-600	4	PFEFFER, Morris	NY	RF-2200
3*	HAMER, Mike	MN	ICF-2001	3	PICARELLI, Tom	CA	FRG-7
2	HARRELL, Rich	IL	RF-2900	3*	POTORTI, Bill	NV	?
2	HARRINGTON, Rob	CO	R-1000	2	PRESTON, Bill	CA	R-600
1	HECHT, Bob	PA	RF-4900	4	PROVANCE, Terry	OH	?
12*	HESCH, Ruth	NY	R-1000	2	RAY, Richard	PA	FRG-7700

4	ROBICHAUD, Ivan	NB	R-1000	5	THOMPSON, Peggy	CA	FRG-7
1	SABLE, Thomas	NY	FR-6600JW	5	UIMER, Doug	LA	R-1000
3	SANDERSON, John	AZ	R-1000	2	VAN HORN, G. & L.	TX	RF-3100
4*	SAUNDERS, Don	NJ	RF-4900	1	WALCUTT, David	NY	R7A
2	SCHLESINGER, M.	TX	FRG-7	3	WARD, Barry	NE	FRG-7700
2	SCHULSINGER, M.	OH	FRG7/R390A	1	WELCH, Frank	MA	ICF-6800W
2	SHAMBLIN, Bill	CA	RF-2200	1	WERTEPNY, Doug	MB	?
6	SIENICKI, Steve	NJ	DX-200	3	WIEBOLDT, Bonnie	FL	DX-300
1	SMITH, Tom	FL	ICR-30	7*	WILCZEK, Bob	IL	DX-160
1	SPARKS, Bill	CA	R4B	8*	WILKINS, John	CO	R-1000
1	STONE, Wilfred	ON	FRG-7000	1	WORMWOOD, Elwin	NY	FRG-7
3	SUGAI, Kazuhiro	JP	RF-1330	1	YOST, Scott	MI	FR101
4	TATE, Harold	WV	Sears 412	2	ZILMER, Bob	NM	R-1000
8*	TAYLOR, John	MO	DX-160	9*	ZOLLA, Rick	CA	FRG-7

\*\*\*\*\*

Thanks to the several reporters who sent in corrections to me for their name and receivers! Anyone else out there with a "?" for their rig or a misspelling in their name or QTH, please let either me or one of the other editors know so I can correct it on my main list.

By the way, I have been using these abbreviations for the provinces of our Canadian members: NB=New Brunswick, NS=Nova Scotia, ON=Ontario, PQ=Quebec, MB=Manitoba, SK=Saskatchewan, AB=Alberta, BC=British Columbia. Just to set the record straight for those who thought we picked up a few extra states, hi. Other country abbreviations include: JP=Japan, FRG=Federal Rep. of Germany, UK=United Kingdom, MEX=Mexico.

Once again, a merry and blessed Christmas to all, and a happy 1983! To those constructing indoor beverage antennas on New Years Eve, I've had best results with Labatt's Ale and Foster's.... and to all, a good night!

*73s, Mark W0XJTKU/W89FKP*

\*\*\*\*\*

ATTENTION CLASSIFIED AD SEEKERS: For this month only the ads have been moved to page 26. See also a note there concerning the A/O Section. (jrt)

→ TIME CONVERSION WITHIN THE US OF A ←

GMT	PST	MST/PDT	CST/MDT	EST/CDT	EDT	GMT
0000	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	0000
0100	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	0100
0200	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM	0200
0300	7:00 PM	8:00 PM	9:00 PM	10:00 PM	11:00 PM	0300
0400	8:00 PM	9:00 PM	10:00 PM	11:00 PM	MIDNIGHT	0400
0500	9:00 PM	10:00 PM	11:00 PM	MIDNIGHT	1:00 AM	0500
0600	10:00 PM	11:00 PM	MIDNIGHT	1:00 AM	2:00 AM	0600
0700	11:00 PM	MIDNIGHT	1:00 AM	2:00 AM	3:00 AM	0700
0800	MIDNIGHT	1:00 AM	2:00 AM	3:00 AM	4:00 AM	0800
0900	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	0900
1000	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	1000
1100	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	1100
1200	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	1200
1300	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	1300
1400	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	1400
1500	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	1500
1600	8:00 AM	9:00 AM	10:00 AM	11:00 AM	NOON	1600
1700	9:00 AM	10:00 AM	11:00 AM	NOON	1:00 PM	1700
1800	10:00 AM	11:00 AM	NOON	1:00 PM	2:00 PM	1800
1900	11:00 AM	NOON	1:00 PM	2:00 PM	3:00 PM	1900
2000	NOON	1:00 PM	2:00 PM	3:00 PM	4:00 PM	2000
2100	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	2100
2200	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	2200
2300	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	2300

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