

# SPEED X

*the dx radio magazine  
for active shortwave listeners*

IN MEMORIAM...

**BOB DONLY**

QSL REPORTS EDITOR.....

**October 1980**

**vol. x no. x**



## EUROPE & QSL COLUMN EDITORS NEEDED

Ralph Famularo's college studies make it vital that he give up the Europe column ASAP. Qualifications for an editorship are as stated in the September bulletin. A member through schooling is preferred. If interested contact: LARRY TALBOT, N84 W15119 Knoll Terrace, Menomonee Falls WI 53051. Please include your phone number and best times to call if needed.

## NEW A/O EDITOR APPOINTED...BY JIM...LO TOM

Tom Scott, 221 North 12th, Fairview, OK 73737 has been appointed editor of the Asia/Oceania column. Tom begins with the November issue so let's dig out that DX and swamp him with loggings.

A big thanks goes to retiring editor Jim Mayer. Jim not only edited the A/O section for a year in good style, but did the Europe column before that and, even filled in on SKEDS when needed. We'll miss you Jim! Best of luck with your studies.

## "JINGLE BELLS, JINGLE BELLS..."

Yes folks, it's that time again. For the 9th year in a row SPEEDX will present its annual HAP XMAS PAGE to raise funds for the Handicapped Aid Program. Each year, in the December issue, we present our "Christmas Card" to HAP in the form of an attractively designed page listing all who send in at least one dollar as a donation. HAP receives 100% of the funds raised. In lieu of sending hobby friends cards, why not send a donation and have your name listed on the HAP XMAS PAGE? A very nice way to say "Merry Christmas" to your friends and help the handicapped in our hobby at the same time.

To meet our December deadline we ask that all donations arrive at club HQS by the 12th of November. That's not far off so why not sit down today and make out that check or dig out that spare greenback and slip it into an envelope addressed to club HQS. Peggy Thompson will design our HAP XMAS PAGE this year. Please mark on your check "HAP" or include a note. Thanks!

## LIST OF TIME SIGNAL STATIONS...9TH EDITION

Gerd Klawitter, D-4430 Steinfurt, Ochtrup Str. 138, West Germany has just released the 9th edition of the LIST OF TIME SIGNAL STATIONS. This is the biggest yet, running 52 pages of detailed info about time stations around the world. Cost is just 7 IRC's or, 6.-DM if you live in Germany. The book gives times of operation, power, format, QTHs, frequencies, QSL policy, etc.

## NEW ADDRESSES...HAP...GRAM

New QTH for HAP is: Wayne Davis, 102 Colonial Avenue, Trenton NJ 08610.

SPEEDXGRAM: Robert Bodell, 9118 S.E. Mason Hill Drive, Portland OR 97222.

## 1981 WRTH...UP, UP AND AWAY!

Some good news and bad news. First the good news. The 1981 WRTH will be published in the USA this year which means you MAY get you copy sooner. The bad news is that rumor has it the dang thing will cost near \$17.00! This editor will have to do without a copy...I can buy a 1/2 tank of gas for that!

## HELP NEEDED....A/O PENNANT INFO

SPEEDXer Daniel Sampson (RR #1, Box 36, Black River Falls, WI 54615) recently became A/O editor for Pennant Collectors International (see March 1980, pg 3) and would like info on what pennants you have from the A/O area, what do they look like, how did you obtain them, etc. Drop Dan a line.

## MORE HELP NEEDED...HOW MANY SWLs ARE THERE?

Alan Korwin (750 Kappock Street, Riverdale NY 10463) is undertaking a very ambitious project. He seeks an answer to that long asked, and never answered question, "How many shortwave listeners are there?". 25? 25 million? 37 zillion? If you have any facts and figures or know where such might be researched, drop Alan a line. Do you know of a station that claims "x" number of listeners? Let Alan know. Do you know how many SW sets a certain manufacture has produced in the past few years? Let Alan know. All help is appreciated.

## MINT STAMPS OF FOREIGN COUNTRIES

Having trouble getting a QSL from that country that never heard of IRCs? Then the DX STAMP SERVICE is for you. They offer mint stamps for most of the countries in the world. Send a #10 SASE to: DX Stamp Service, 7661 Roder Parkway, Ontario, NY 14519 for a flyer on what is available and what is cost. Phone is: 315-524-8806. No collect calls please.

## YOUR OWN QSL CARDS

Member Michael McKinstry sends along the info of one place to have custom QSL cards made. Mail Order Express, 1601 East Center Street, P.O. Box 703, Lexington NC 27292. You might send them a SASE and see what they have to offer.

## HOBBY GET TOGETHER...CANADA

The University of Manitoba DX Shortwave Listeners Club (UMDX) will hold a hobby meet October 9th at 7:00 PM in the University Centre Building at the University of Manitoba. This is in South Winnipeg. All hobbyists are welcome. If you are in the area give them a call at 474-8233. No collect calls please.

## BUMPER STICKERS/PENNANTS/DECALS/ETC/FOR SALE-BID

1980 HAP MAN of the YEAR Sam Barto (460 Emmett Street, #B-19, Bristol, CT 06010) has an on-going fund raising project for HAP. He collects items from radio stations and offers them for sale/bid to all hobbyists. Do you want to add to your collection and help HAP at the same time? Then send Sam some SASE's and receive a monthly offering of items. All profits go directly to the HAP chapter from where the purchase comes.

## INTERNATIONAL FELLOWSHIP OF CHRISTIAN DXERS(IFCDX)

The IFCDX (569 Cane Run Road, Lexington, KY 40505) is a new club, just in the forming stage. Its purpose is to provide a DX club for those interested in tuning the Christian broadcast stations. Many special services are in the planning stages for this specialized club. You are invited to write in for additional info or, with your suggestions.

## YAESU FRG-7700 UPDATE

I mentioned this new offering from Yaesu in this column last month. There may be other info in this issue and for sure, in future issues on this set. My personal opinion is, go and buy a Kenwood R-1000 for your dollar value. The FRG-7700 is almost the same in specs and performance as the R-1000. It costs a hundred smackers more though. Since last month, I have had the FRG-7700 sitting on the old desk for a short time. Thanks Ruff! In looks, features and actual 'on-the-air' testing, it looks like Yaesu copied the Kenwood R-1000 quite a bit. The Yaesu does have an optional (for another \$150) memory unit available. It can store and recall up to 12 freqs. Big deal! Who needs it? In five seconds, you can tune in the station without it. The FRG-7700 is a good set for sure. But no better than the R-1000 for a hundred bucks less. Maybe Yaesu blew it this time?.....dj

## SELL - SEEK - SWAP

TRADE Grundig TK-45 reel-to-reel recorder and \$45.00 for a top condition RF-2800. Joe Howell, 2636 Miller Avenue, Escondido, CA 92025.

FOR SALE FRG-7 w/Radio West mod for 2.9 Collins filter & AVC selectivity. \$350.00 plus shipping. Original carton & manual. Wade Smith, 1239 San Moritz Drive, San Jose, CA 95132. 408-272-3789. No collect calls.

FOR SALE DX-160. One year old in very good condition. XC-100 crystal calibrator (10/100/1000 kHz markers) brand new. Both for \$125.00 postpaid. Ted Van Beurden, PSC Box 863, McClellan AFB, CA 95652.

# PROGRAM

OCTOBER 1980

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

# PANORAMA

AUSTRALIA...Here's the schedule for VLH, a 10kW shortwave relay from Lyndhurst: Mon-Fri 1900 NEWS 1910 MUSIC 2010 READINGS FROM THE BIBLE 2015 NEWS 2030 WORLD ROUNDUP 2040 MUSIC 2130 FOR THE MUSIC LOVER 2300 NEWS IN BRIEF 2302 SPEAKING PERSONALLY (autobiography series) 2320 BY THE WAY (religious talk) 2335 KINDERGARTEN 2350 ABOUT CHILDREN 0000 FOR SCHOOLS 0100 COUNTRY HOUR (rural information) 0130 NEWS 0145 WEATHER REPORT 0150 NATIONAL FARM REPORT 0200 SERIAL 0215 STOCK EXCHANGE REPORT 0223 NOTES ON THE NEWS 0230 NEWS 0245 PROGRAM INFO 0248 WEATHER REPORT 0300 MUSIC 0310 FOR SCHOOLS 0400 AFTERNOON CONCERT 0600 NEWSVOICE 0615 ROUNDOABOUT 0658 STOCK EXCHANGE REPORT 0700 NEWS 0705 WEATHER REPORT AND MUSIC 0730 EVENING MUSIC 0755 NEWS COMMENTARY 0800 NEWS 0815 BROADBAND 0915 CONCERT MUSIC (on Wed, INVESTIGATIONS) 1100 NEWS 1115 Mon BOOKS & WRITING, Tue THE SCIENCE SHOW, Wed FEATURE, Thu FEATURE, Fri CROSSWAYS (religious talk) 1200 NEWS 1210 EVENING MEDITATION 1215 MUSIC 1300 A LITTLE NIGHT MUSIC 1400 SIGN OFF. 1900-2115 on 11880, 2115-0715 on 15230, 0715-1400 on 9680. Saturday sked next month. (Paul Brewer, TN)

CANADA...Radio Canada International is planning to change its English program schedule to Europe and Africa on Saturdays and Sundays. There will be a one-hour program to each target area on these days rather than the present two half-hour programs. To Africa, the broadcast will be heard at 1800 GMT and will feature Canada A La Carte, a Review of the Week and music on Saturday and Bonsoir Africa with DX Digest and Mailbag on Sunday. The European broadcast will follow at 1900 GMT, with news features on Saturday and Mailbag, DX Digest on Sunday. The transmissions in English on weekdays remain unchanged. (Direct)

GREAT BRITAIN...Here are some regular programs from BBC World Service: WORLD NEWS is broadcast 17 times a day---0000, 0200, 0300, 0400, 0500, 0600, 0700, 0800, 0900, 1100, 1300, 1600, 1700, 1800, 2000, 2200, 2300. ....NEWSDESK, a half-hour program including World News, dispatches from overseas and UK correspondents, and a Press Review, can be heard daily at 0400 and 0600 GMT. TWENTY-FOUR HOURS, an analysis of the main news of the day, plus a press review is heard Mon-Fri 0509, 0709, 1309, 2009.....THE WORLD TODAY examines thoroughly one topical aspect of the international scene. Tune in Mon-Fri 1645, 2209; Tue-Fri 0145; Tue-Sat 0315, 0545, 0915.....COMMENTARY from a wide range of specialists Daily 1609, 2309; Sat, Sun 1309, 2009.....RADIO NEWSREEL presents news of events as they happen and features dispatches from BBC correspondents all over the world. Listen Daily 0015, 0215, 1200, 1500, 1815. All times GMT. More regular programs next month. Thanks to Bob Zilmer, now in NM, for forwarding London Calling, October 1980.

SIERRA LEONE...Radio Grenada isn't the only station to carry OBITUARIES! SLBS carries them daily @ 0714 GMT on 5980, following BBC NEWS @ 0700 and 5 minutes of ads and announcements. (Tim Hall, CA)

USSR...Radio Tashkent has the following English schedule for 1200 and 1400 GMT broadcasts daily: Mon MUSLIMS OF THE SOVIET EAST; Tue YOUTH PROGRAMME, MAILBAG; Wed LIFE IN THE VILLAGE; Thu MUSICAL PROGRAMME; Fri MUSLIMS OF THE SOVIET EAST (same as Mon); Sat MAILBAG (same as Tue); Sun MUSICAL PROGRAMME; also, MUSICAL REQUESTS (1st Sun of Month), DX CLUB (2nd Sun, repeated next Sat), SALOM ALEIKUM LISTENERS CLUB (last Sun) and MUSICAL PROGRAMME (last Sun, repeated next Sat). Best frequencies to try are 11785 and 15460 kHz. (Steve Heyman, NY)....."Radio Moscow NA Service carries a TOP 3 program Thu 0045 and 0545 GMT. 3 Russian songs are played and listeners are invited to vote for their favorite song. At the end of the year, those songs with the most votes will be made into a record album to be given away to regular listeners. Some of the songs are very good," says Tim Hall of CA. From RM to VOA!!!

## A TRIP TO THE VOICE OF AMERICA, WASHINGTON



While on vacation in the nation's capital recently, my wife Annette and I had the opportunity of visiting the studios and offices of the Voice of America. VOA is located in the Department of Health and Human Services (formerly HEW) Building at 330 Independence Avenue SW (the building is near the Smithsonian's Air and Space Museum).

TOUR... Upon arrival at the VOA, you should take one of the daily tours of the facilities. The tour will give you an overview of what is involved in the operation of an international broadcasting organization. While waiting for the next tour to begin, you can sit on a comfortable sofa and watch the master control center through a picture window. Our tour group consisted of approximately fifteen people. Only a third of the group had ever heard an international shortwave broadcast. Judging from the questions asked of our tour guide, George Berzins, many of the tour participants seemed destined to become regular shortwave listeners. Each tour is flexible in that visitors are able to observe two or three broadcasts in progress. Our group observed a Special English newscast, a Portuguese broadcast and a Russian broadcast. The impressive VOA newsroom was a stop on the tour, as was a display of the other activities of the International Communication Agency. The next time you are in Washington, drop by the VOA and take this most interesting tour.

THE BREAKFAST SHOW... After the tour, we were able to sit in on a taping of the VOA's popular morning program, THE BREAKFAST SHOW. It was a pleasure to meet the hosts of the program, Phil Irwin and Pat Gates. I had been in periodic communication with Phil Irwin about various SWL matters since 1973, but it was not until this summer that I was able to accept his long-standing invitation to visit the program. Sitting in at the taping was an interesting experience. We sat in the control room with engineer Don Rice and had a good conversation with Don and Pat Gates while Phil Irwin was taping the program. What impressed us about the taping was that everyone concerned seemed to thoroughly enjoy what they were doing. This attitude results in the interesting and entertaining program that THE BREAKFAST SHOW is. After the taping, we had a discussion with Phil Irwin and Dan Robinson, a NASWA member who works at VOA.

SOME RANDOM COMMENTS... Both Annette and I were impressed with the reception that we got at VOA. They genuinely enjoy visitors and are more than happy to answer any questions that you may have concerning VOA operations... One regret that we had was that time prevented us from looking up SPEEDXer Joel Rochow. Joel is Head of the VOA's Vietnamese Service... The big topics of conversation at VOA during our visit were the labor unrest in Poland and the Soviet jamming of VOA during its coverage of the unrest. English staffers were relieved that their broadcasts were not being jammed... For those SPEEDXers who have never heard THE BREAKFAST SHOW, reception is best in North America between 0300 and 0700 GMT. Presently, the first thirty minutes of each hour is devoted to news-oriented programming. The final thirty minutes of each hour is the music and features portion. This segment is hosted by Phil Irwin on Mon/Wed/Fri (GMT days), Pat Gates on Sun/Tue/Thu and by Alan Silverman on Sat. The entertainment segment heard at 0330 GMT is repeated at 0530 GMT, while the 0430 GMT segment is repeated at 0630 GMT. While several frequencies are in use at this time, 5995 kHz from Greenville is one of the better ones heard in North America... We learned that the present format of VOA's morning English programming may be changed in a few weeks. The new format would be: 1st Hour: NEWS (10 min.), THE BREAKFAST SHOW, Part 1 (20 min.), NEWS (10 min. on half-hour), THE BREAKFAST SHOW, Part 2 (20 min.). The entire 2nd Hour would be devoted to DAYBREAK, a news magazine program presently heard to East Asia and Pacific areas around 0000 GMT... THE BREAKFAST SHOW is presently taped three weeks in advance..... Woody Seymour, Jr. .... 9/20/80





# 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

ANTENNAS COMMERCIALY AVAILABLE for SWL/DXer use. Included in a late list in issue #17 of the Marketplace Report published by the ANARC DX Equipment Committee. Write to: Harold Sellers, Chairman; 3 Camrose Cres.; Scarborough, Ontario; Canada M1L 2B5. Enclose IRC or return postage please. Most of the active antennas, loops etc. are included along with addresses of manufacturers.

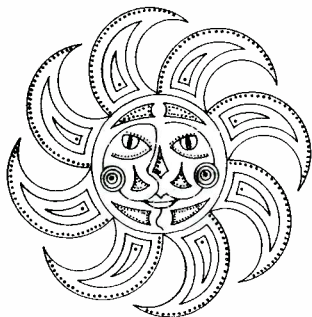
\*\*\*\*\*  
GROVE ENTERPRISES, INC., Brasstown, NC, 28902, recently sent a nice packet of information sheets on several items in stock of interest to DXers. Most UTE listeners have used Bob Grove's "Confidential Frequency List", the latest edition being edited by G. Perry Ferrell. Bob handles this, WRTVH, Guide to RTTY Frequencies and his own latest book: Federal Frequency Directory (4-420 MHz. inclusive). Also equipment such as some of the MFJ line, Kantronics Field Day 2, Don Nobles Descrambler etc. Write to him for his catalog packet. Please include return postage.

\*\*\*\*\*  
YAESU FRG-7700 RECEIVER information sent in by Ralph Sansarino. Coverage of 150 kHz. thru 29,999 MHz. Digital and analog frequency display. Three selectable bandwidths of 2.7, 6 and 12 khz. (6 db. down) Memory option available for storage and recall of up to 12 frequencies. Reception modes: AM, SSB, CW and FM. Selectable AGC (slow/fast). High performance noise BLANKER. Proposed price is \$715 with memory option, \$559 without. Available in October!?

\*\*\*\*\*  
RADIO WEST recently sent update to their catalog with quite a few new items. They have picked up the Grundig line and are offering the newest digital Satellit 1400 and 2400 models along with the Grundig "Ultimate" the 3400. Also offered is the Grundig KWV1000 AUTO radio CONVERTER at \$130. This unit makes a shortwave receiver out of your standard MW broadcast radio in your car. Allows reception of 90, 75, 60, 49, 41, 31, 25, 19, 16 and 13 meters. This editor has used one for quite a while and it is very nice. Best sensitivity is obtained with an external telescopic whip and NOT the very poor one built into the windshield on most current cars. Also in stock now are the two new SONY sets. CRF-1 at \$1250 postpaid and the ICF-2001 digital portable at \$300 postpaid. Send them a SASE for the "update". Address is: 3417 Purer Rd., Escondido, CA., 92025 or call: 714-741-2891.

\*\*\*\*\*  
This month has been a very busy month for me. Two trips to Milwaukee, Wisc. and a trip to the Gulf of Mexico off the coast of Ciudad Del Carmen, Mexico. Went down there to set up a short range SSB communications system. Wish I knew how to speak Spanish! Carmen is a backwards place, but the people are very friendly. A stark contrast to Mexico City where prices are out of sight! Try \$90-95 for a hotel room per night. That's "Gringo" Dollars and NOT Mexican Pesos! My DXing down there was mostly "BBC/AFRTS" oriented due to poor locations and lack of time etc. I hope to be able to return to two pages soon as I have some "educational material" typed up. I need some input from you the reader. What do you want to know more about?? Does your receiver have some quirk that puzzles you? Write to the Editor of this column. If you require a "personal" answer, please include SASE. Due to my schedule there may be 2-4 weeks delay before you get an answer. See you next month Good DXing!

73..... *Sandy*



## SPEEDX Western Hemisphere

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**Deadline: 12th**

All times and dates UTC. All qsgs in kHz

OCTOBER 1980

Well, here we are again. With the assassination today of former President Somoza of Nicaragua, we can expect quite a bit of activity on the bands tonight.

A FEW RANDOM NOTES: I was browsing in a B. Dalton's Bookstore this morning, and came across the "new" edition of the University of Chicago Spanish Dictionary, published in 1977. This edition is the third and is published by the University of Chicago Press, Chicago, IL 60637. The listed price is an incredible \$3.95. The book, 5 $\frac{1}{2}$ x8 $\frac{1}{2}$ " and a paperback, is the revised and enlarged edition of the second edition, about which I wrote several months ago. The enlargement consists basically of some new entries in the dictionary, plus a very valuable listing of English and Spanish idioms (with the Spanish idioms in both "Academy" Spanish and American Spanish). All of the outstanding features of the second edition have been kept, including the discussion of American Spanish dialects. I recommend this dictionary highly

SOME NOTES ON REPORTING: I have noticed a regrettable tendency for the penmanship of reporters to become somewhat illegible in the past few years. Not that one's Palmer is perfect when feverishly recording program details of a new catch -- not at all. However, I have had to regretfully edit out several (more than several, if truth be told) loggings in the last few months because I couldn't read them! So, for those whose penmanship was the scourge of Miss Story, your fifth-grade teacher (as mine was), I would ask that your submissions to W/H (and to all columns; I suppose other editors are also scratching their heads over some loggings) be printed or typed on SPEEDX forms (available from HQ for a stamp or stamps). And, if your loggings haven't appeared in SPEEDX W/H in the past few months, maybe a typewriter is in order?? Please?? Your overworked editor would appreciate it highly.

There are many reports this month, so am stowing SS for DXers (except for the note above) until next month. Remembering that a logging without a language designation was heard in Spanish, I present:

### SOUTH AMERICA

#### ARGENTINA

- 5882 0117 R. Rividavia, OMM, tlk (444; 8/26. Cohen, PA)  
6060 0917 R. Nacional, OM w/ full ID incl. call, TC (6:17), temperature (9°C looking for a high of 17)(That's 48°F for a high of 62°. ch)(444; 8/24. Hall, CA)(0731; 323 noise, 9/6. Lowe, TN)(0709; 333; 8/16. O'Brien, AUSTRALIA) HALL, CA)  
6120 0924 R. El Mundo, OM w/ ID, tlk on Argentine Army, TC and temperature (233; 8/24./  
t6180 0925 R. Nacional, Mendoza, Argentine-type mx, (tangos, guitars, etc.) OM anc'r mentioned Cordoba, heavy static (243; 8/31. Flynn, CA)

#### BOLIVIA

- t4817 0145 R. Nacional, Soccer match, Bolivian National Team vs. Europe, OM play-by-play. no positive ID but frequent mentions of Bolivia/LaPaz. KOed by return by Guatapurí @0210. (fair, 7/31. Parks, FL)  
4830 0015 R. Grigota, mx px, also public service anmt by OM, 0030\* but ID: "R. Grigota se despide de Uds. hasta las 5 y 30..." (333; 7/14. Faccioli, Uruguay)  
6035 1032 R. Panamericana, right after s/on, possibly call letters, "Buenos Dias, Bolivia, one phrase sounded like "nuevo format," ID of RP not heard, good sign, but overwhelmed by AFRTS 6030, also hrd 0035 9/6. (422; 9/3. Jones, MS)(0050; mx w/ possible IDs on the hour, then nx followed by a political speech; 323; 8/2. Dittrich, FL)

#### BRAZIL

- 2320 0018 R. Oito do Setembro, PP, crazy mix of mx, muzak, electric disco, ballads, 40's hotel orch mx, Andrews Sisters, 0018 ID, no ads (8/28. Novello, NY)



BRAZIL -- (Continued)

- 3205 2331 R. Ribeiro, PP, LAm mx, OM Dj/ancr; ID @2356 (323; 8/24. Cohen, PA)  
3375 0340 R. Nac. São Gabriel, PP, slow ballad, OM vocal, strongest signal on band, hi-fi sound, full ID w/ fays (9/5. Novello, NY)(0903; ID; 332; 9/6. Lowe, TN)(0904; 333; 8/31. Cohen, PA)(0947; 333; 8/21. Cucura, PA)(\*0901; s/on w/ typical Brazilian style accordian mx (no IS, by the way). Full PP ID by OM w/ fays @0907. More mx and IDs to 0955 f/out; poor w/ static. 9/4. Lobdell, MA)
- 4755 0300 Radiodifusora do Maranhão, PP, Braz. pops, ads, ID by OM @0315, slight het w/ UTE (fr; 8/28. Parks, FL)
- 4765 1002 R. Nacional Cruzeiro do Sul, PP, apparent s/on @1000, OM shouted ID as above and gave fays. bad het from CRE (I think) on 4767a (323, 9/6. Lowe, TN)(0149; PP, per tip de Bill Sparks, Braz. mx w/ ads, amnts by OM, ID @0200 w/ fays. 8/27. Lazarus, LA)
- t4785 0210 R. Ribamar, PP, deep-voiced OM, hard to ID, (222; 8/14. Cereghin, MD)(0215; 0235\* suddenly, slight RTTY QRM; good; 8/28. Parks, FL)
- 4795 0737 R. Tabajara, PP, OM echoing amnts, ad with electronic voice effects, OM ID sounded like "R. Tah-bah-rah," no sign of Aquiduaana this early (322; 9/6. Lowe, TN)
- 4825 0829 R. Educadora Bragança, PP, choppy open carrier, into IDs, mentioned Para province, gave fays, hrd best on LSB because of Reloj s/lop (322; 9/6. Lowe, TN)
- 4835 0212 R. Nacional de Boa Vista, PP, YL amnts, LAm mx, ID @0259, (333; 8/10. Cohen, PA)(0203; 222; 8/18. Cereghin, MD)
- 4995 0840 R. Clube do Pará, PP tlk by OM, TC/ID, Brazilian vocals, loud and clear on new fay (8/25. Lobdell, MA)(0805; 1940's mx, voice over IDs, 433; 9/6. Lowe, TN)
- 4895 0800 R. Baré, PP, open carrier, into choral/orchestral, NA, "R. Baré de Marfias," (343; 9/6. Lowe, TN)
- 4905 0023 R. Relogio Federal, PP, (353; 8/1. Viau, PQ)(2235; 232; 8/12. Toia, ITALY)
- 4915 2358 R. Anhanguera, PP, OM ancrs, into pop mx, "Anhanguera musica!" (332; 9/4. Lowe, TN)(333; pop mx, TC, "en Anhanguera," 8/15. Novello, NY)(0010; pop/disco mx w/ PP vocals, ID @0022, 433; 8/25. Jones, MS)(0043; R. Anhanguera, Goiania, Goias, " 333; 8/15. Cunningham, OH)(2320; exc. 9/3. Parks, FL)(0005; trnx to Perdue tip, Braz/US pop mx, few IDs (0022, 28, 46, 54) & TCs (GMT -8 hrs), "ZYH756 onda media, 1230 kHz, ZYF691, onda tropical, 4915, faixa 61,937 metros, R. Anhanguera, Goiania, Goias, exc. 8/26. Lazarus, LA)(Trnx for the call, Henry, but the noise from next door continued to swamp the signal. ch)
- 4985 0503 R. Brasil Central, PP, tuned in during ID but caught R. Brasil Central by OM. Soft voiced OM into mellow mx (343; 8/24. Cereghin, MD)(0537; 222; 8/3. Blaize, LA)(0200; 444; 9/3. Thompson, NM)(0400; "Emisoras da R. Brasil Central de Goiania," 444; 7/12. Faccioli, Uruguay)(0508, 322; 8/16. Palmer, WA)
- 5025 2342 R. Borborema, PP, mx/comedy px (353; 8/13. Viau, PQ)
- 5035 0100 R. Aparacida, PP, local mx, ID after 0100 (242; 8/24. Lentz, PA)(2306; 323; 8/17. Wallace, MA)
- 5965 0830 R. Guaiaba, PP, s/on w/ ID by YL. Then, mx px w/ varied themes, (\*0900 in WRTH) (But the WRTH is not infallible. ch)(333; 8/3. Faccioli, Uruguay)(2335; pr/fr; 9/2. Parks, FL)(2325; 333; 8/18. Wallace, MA)
- 6000 0038 R. Inconfidência, PP, ballads and vocals, ID @0038, (333; 9/4. Cereghin, MD)(0700; rlg. px. w/omt by OM (433; 8/2. Faccioli, Uruguay)(2328; 454; 8/22. Lentz, PA)(0145; nightly px of tangos??; 333; 8/17. Palmer, WA)(0820, uninterrupted guitar vocals, ID @0835, more mx, 333; 7/6. Lattemann, WA)
- 6015 2310 R. Clube de Pernambuco, PP, OM/YL heavy tlk between mx selections, trumpet fanfare followed by ID about every 5 minutes. Heavy splatter from RN Bonaire after 2330 (gd; 9/2. Parks, FL)
- 6165 2339 R. Cultura São Paulo, PP, long string of amnts by OM w/ mx interludes; radio drama 2344-2353 w/ hoofbeat sound effects, complete ID @2356; (322; 8/15. Cunningham, OH)
- 9675 0018 R. Marumbi Limitada, PP, Evangelical religious px w/ YL giving tlk. ID @ 0025 followed by rel. mx. (422; 8/15. Rocha, CA)
- 11780 1007 Radio Nacional de Brasília, PP, OM IDs, into ads (232; 8/24. Hall, CA)(2200; 444; Heyman, NY)(0947; 533; 8/16. Miller, CA)(0843; 555; 8/16. Palmer, WA)(0930; 8/11. Holland, NY)
- 11925 2219 R. Bandeirantes, PP, "A Voz do Brasil" px, OM/YL tlk w/ remote reports (9/5, 222; Lowe, TN)
- 15190 2335 R. Inconfidência, PP, no ID hrd, heavy QRM/QSB, ID @2339, (222; 8/10. Cereghin, MD)
- 15290 0305 R. Brás, EE, song by a group with frequent contact breaks. Talks about coordinated supply system for steel and metal (343; 8/27. Earhart, PA)(0221; Golden Age of Rubber Exports in Manaus, 544, 7/29. Hall, CA)(0241; 544; 8/18. Palmer, WA)(0300; 444; 8/28. Narva, MD)(0346; report on poaching of turtle eggs (by poachers)(I prefer my turtle eggs sunnyside up. ch) 444; 8/26. Huddleston, TX)(0217; good; 8/29. Cuppy, IN)(0300; 422; 8/3; Kopriva, CA)(0200; 454; 8/5. Fraser, MA)(0256; 333; 8/20. Sanderson, AZ)
- 15389 0200 RBrás, EE, nx, mx; (544; 8/28. Bledsoe, MO)
- 15445 2130 Radio Nacional, PP, YL echoing ID, mentioned other RN stations and I wish I could have copied the list (332; 9/4. Lowe, TN)(Farmer, TN)

BRAZIL -- (Continued, and concluded)

17815 0305 R. Cultura, São Paulo, PP, 0305: "Noticiario Cultural," then nx in PP w/ OM ID twice (243; 8/28. Rocha, CA)

CHILE

9750 2239 R. Minería, SS, mx, ID "Minería, La Radio de la Mayoría," (253; 8/2. Toia, / ITALY)  
15150 2330 R. Nacional de Chile, SS, ID @2332, then cmt (433; 8/14. Farmer, TN)  
(2252; futbol, "Union Española - Santiago," ID: "Nacional de Chile de Valparaiso," (353; 8/3. Toia, Italy))  
17715 0125 R. Nacional de Chile, General tlks, (pr; 8/12. Holland, NY)

COLOMBIA

4812 0425 R. Guatapurí, good IDs, LAM type mx, vocals, 2kHz high tonight (444; 9/2. Blaize, Mexico)(0130; effectively covered Galápagos, 333; 8/14. Cereghin, MD)  
(0435; 4814.4, fr; 6/28. Lattemann, WA)(0405; 322; 8/19. Farmer, TN)(0258; 343; 9/7. O'Dell, AR)(0440; 343; 8/22. Skora, ON)(0124; 433; 8/16. Cohen, PA)  
4845 0131 R. Bucaramanga, OMM/YL ancrs, ID @0130; ID: "Esta es R. Bucaramanga Internacional (322; 8/24. Cereghin, MD)  
4855 0120 R. Neiva, positive IDs of R. Neiva, and slogans before and after IDs (433; 8/14. Cereghin, MD)(0443; 444; 7/31. Huffaker, Mexico)(1008; 444; 8/22. Lentz, PA)  
4865 0301 LV del Cinaruco, ID, QTH, NA, 0303\* (333; 8/19. Cereghin, MD)  
4875 0342 LV del Norte, OM tlk, mx; ID (444; 8/18. Heyman, NY)(0411; 444; 7/10. Huffaker, Mexico)  
4875 0329 R. Super, Medellín, slow LAM vocal mx, many excited echoed IDs by OM (343; 8/18. Lentz, PA)(0603; 233; 7/31. Thall, CA)(0500; 444; 8/2. Blaize, LA)  
4885 0958 R. Centro Popular/Ondas del Meta, Bouncy mx, IDs as both R. Centro Popular and Ondas del Meta (444; 8/4. Lentz, PA)  
4945 1001 R. Colosal, ID, honko-tonk piano/slow vocals (344; 8/4. Lentz, PA)(0600; 433; 8/31. Barr, CA)(0719, 222; 8/16. O'Brien, Australia)(0520; "King Cotton" march, ID for TODELAR (434; 8/2. Blaize, LA)  
4965 0722 R. Santa Fe, LAM mx, ID (333; 8/24. Farmer, TN)(0609; 444; 7/31. Huffaker, Mexico)(0610; 433; 8/31. Barr, CA)  
4975 \*1016 Ondas del Orteguzza, NA, chimes, ID, greetings to listeners, campo mx, usual UTE QRM (322; 8/13. Jones, MS)  
5010 0358 R. Surcolombia, mx, OM IDs, more mx, nx (433; 8/14. Heyman, NY)(0435; hetted by Cameroun after 0445; fr; 9/6. Lobdell, MA)  
5035 0530 LV de Caquetá, LAM mx, TCs, IDs, full ID @0555; TCs were 3 minutes fast (333; 7/31. Huffaker, Mexico)(0115, fr; 8/27. Parks, FL)  
5050 0000 LV de Yopal, LAM mx, both vocal and instrumental, to 0010; full ID by OM @ 0010, NA, 0014\*, moderate RTTY QRM (fr; 8/23. Parks, FL)  
5075 1030 R. Sutatenza, LAM mx (534; 8/19. Miller, CA)(1054; 333; 8/18. Farmer, TN.)  
5095 0410 R. Sutatenza, OM DJ, world and national nx, ID @0416; 0420\* (434; 8/23. Curnell, OR)  
5955 1024 LV de Centauros, ID by OM, ads, llanos guitar ballads, nx by OM @1030, hetted by carrier after 1040 (fair; 9/5. Lobdell, MA)(0359; 323; 9/7. O'Dell, AR)  
6040 1020 LV del Tolima, Annms, tlks, TCs, by OMM between campesino mx selections. Taped IDs w/ echo 1026, 1032; good level, but fuzzy mod (333; 8/7. Cunningham, OH) (1040; lots of talk; fragments of ID; 422; 8/1. Blaize, LA)  
6085 0845 R. Super, pop mx, abrupt TC w/ R. Super and CARACOL IDs at 0850; more mx, then full ID @0900 w/ fqys (433; 7/6. Lattemann, WA)  
6125 1010 R. Super de Cali, tlks by OM, hyped ad for "R. Super, Super, Super..." LAM ballad, then nice ID by OM, ex-6085, excellent (8/7. Cunningham, OH)(1034; ID, TC, evidently a move from 6085; 444; 8/9. Jones, MS)  
6115 0757 LV del Llano, LAM mx, ID at 0759 (443; 8/24. Farmer, TN)(1040; 434; 8/20; Curnell, OR)(1045; 422; 8/1. Blaize, LA)(0456; 343; 8/24. Cereghin, MD)  
6150 0639 LV de Huila, LAM mx, TCs every 3 or 4 minutes, IDs: "La voz de Huila (toda la hora con Ud.) (es la mejor) (con sus favoritas) (con musica por Ud.) (pick one.ch) (444; 7/8. Huffaker, Mexico)(1004; ID: Servicios, noticias y la musica que la buena en LV del Huila," covered by UNID carrier @1010; fr; 9/3. Lobdell, MA)  
6160 0625 Emisora Nueva Grenada, mx, IDs, nx; (444; 7/12. Huffaker, Mexico)(0754; 443; 8/24. Farmer, TN)(0216; 433; 8/23. Dittrich, FL)(0800; 233; 8/20. Hall, CA)  
6251v 0330 R.dif. Nac. de Colombia, classical mx, fqy. seems to vary from night to night, audio quality rather low (332; 8/10. Baxter, KS)  
11792 0445 R.dif. Nac. de Colombia, 0445\*, ID, NA (544; 8/21. Baxter, KS)  
15335 2312 R.dif. Nac. de Colombia, OM w/ EZL LAM mx, IDs, //11790, QRM on both channels (232; 9/4. Hall, CA)  
15499.9 1630 R.dif. Nac. de Colombia, SSB, class. mx, very difficult to tune when not QRMed by UTE, but better than 15333.8 AM; usually 100-150 Hz. below 15500, rare ID (353; 8/28. Munster, GA)(2200; 243; 8/14. Toia, Italy)(SSB unit here usually provides better reception than other fqys; from px summaries just before 0500\*, I gleaned some good times to listen for Colombian mx (Mon-Fri??): 1530-1600, 2300-2330. Class. mx concerts are @1300-1500, 1800-2030; 0300-0430. "Rejo del Mundo," well done compilation of nx and cmt taped off (Spanish) SW bcs, is @0430 Hauser, TN)

ECUADOR -- HCJB

- 6130 1050 EE, rel. "Drama" bc; w/ organ mx "a la" circa 1940's-50's soap operas (333; 8/1. Blaize, LA)
- 11835 0618 GG, DX mx (ADDX Kurier)(NRD505 rcvr test)(444; 8/9. Berkholtz, MN)
- 15155 0230 EE, DXPL, ANARC 1980 (444; 8/6. Pettit, IA)(0110; mayonnaise as a hair conditioner, and lemon juice for the face (sounds like a head salad. ch); 444; 9/8. Davis, KY)
- 26020 0230 EE, DXPL, (333; 9/4. Grenier, CA)(1930; 8/23. Lobdell, MA)(0230; 243; 9/2. Nebron, CA)(2145; strong; 444; 9/4. Lowe, TN)(1537; 233; 8/13. Heyman, NY)+22
- 3252.2 0420 LV del Triunfo, ID @0421 by OM, went into something he called "Chicago," het, QRN and UTE in background (332; 9/6. Munster, GA)
- 3380 0104 R. Iris, OM sx event (322; 8/16. Cohen, PA)(0106; tentative; 211; 8/13. Cereghin, MD)(0308; 423; 8/16. Heyman, NY)
- t3985 1100 Escuelas Radiofónicas Populares, OM, lecture or lesson, theme mx (222; 8/2. Flynn, CA)
- 4680 0945 R. Nacional Espejo, Andean mx, ID (exc; 8/17. Holland, NY)(0413; 343; 8/18. Lentz, PA)(0630; 343; 8/15. Thompson, CA)(0157; 222; 8/10. Cohen, PA)(0200; 343; 8/13. Thompson, NM)(0318; 433; 3/16. Heyman, NY)(0445; 453; 8/20. Bledsoe, MO)
- 4765 0428 CRE, nx (sponsored by bank), ID foll. @0430, NA (444; 7/31. Huffaker, Mexico) (\*1041, QRN from Brazilian on low side of fq; 332; 8/30. Jones, MS)
- 4780 0942 R. Atahualpa, T0s, mx, ID as LV de Atahualpa (333; 7/25. Huffaker, Mexico)
- 4795 0411 LV de los Carás, LAM mx, OM DJ, IDs @0415, 0443, 0453 (333; 8/23. Huffaker, Mexico)
- 4800 1000 R. Popular Independiente, Andean mx, many IDs as "R. Popular, ///MEXICO UTE QRN & QRN (fr; 8/17. Holland, NY)(0520; full ID @0522; NA, 0529\*; 444; 7/31. Huffaker, Mexico)
- 4820 0932 R. Paz y Bien, LAM mx, ancm; (gd; 9/1. Brewer, TN)(0958; 444; 7/5. Huffaker, Mexico)
- 4950+ 0537 R. Luz y Vida, LAM mx, dedications, YL ID @0538, OM ID @0545, 0604; mentioned parroquias in dedications (frequency drifts)(343; 8/30. Huffaker, Mexico) (0205; Sister Amada ancr?; tlk of "la iglesia" 252; 9/3. Flynn, CA)
- 4920 0404 R. Quito, futbol, "Centro Comercial," "Coca-Cola," shoe ads; IDs (444; 7/31. Huffaker, Mexico)(1100; 333; 8/30. Curnell, OR)(0417; 343; 8/12. Heyman, NY)
- 4960 0235 R. Federación, px of class. mx, full ID @0258; 3 fqys. given, 0300\*; (gd; 8/23. Parks, FL)
- 5060 0338 E. Nacional Progreso, LAM mx, infrequent anmts, novelty records (433; 7/7. Huffaker, Mexico)(0445; 322; 9/2. Blaize, Mexico)(0448; 0454\*; 333; 8/16. Heyman, NY)

FRENCH GUIANA -- FR 3 - Cayenne

- 3384 0900 FF, s/on, IS, NA, ID: "Ici FR3, Société Nationale de Programmes, Cayenne," then pop/calypso mx; nx @0930 (333; 8/8. Faccioli, Uruguay)(0954; electric guitar IS, into NA, low modulation, plus, my mind was a bit foggy by this time in the AM and I kept trying to hear an ID for Papua...thank God for tape recorders; 332; 9/6. Lowe, TN)

GALAPAGOS ISLANDS -- LV de Galápagos

- 4810 0335 OM tlk, anmts interrupted every few seconds by mx, ID, clearly at 0347 (422; 9/3. Rocha, CA)

GUYANA -- GBS

- 5950 0728 EE, OM ancr by the name of Ishbei Singh: "We now invite our listeners everywhere to join us for this period of melody and wise thoughts reflective of the three great religions of our country...Join us now for 'GBS Inspirational Time.'" Read from Bible, Koran and Bhagavad-Gita. (333; 9/6. Lowe, TN)(0734; gd; 6/30. Lattemann, WA)(0910; 252; 8/22. Munster, GA)(0759; 333; 8/5. Dittrich, FL)(0740; IDed as "Guyana Broadcasting Corporation" 322; 8/2. Faccioli, Uruguay)(0909; 353; 8/4. Viau, Quebec)

PERU

- 4955 1059 R. Cultural Amauta, s/on, NA, ID, mx, QSB (343; 7/5. Huffaker, Mexico)
- 5015 0446 R. Moyobamba, mx, taped ID, taped s/off armt, NA @0455; (343; 8/29. Huffaker, Mexico)
- 5970 0450 R. El Sol, ads, px "Nuestros Guías," ID by YL, nx, 0500\* (343; 7/15. Faccioli, Uruguay)
- 6010 \*1054 R. América, apparent s/on w/ armt, ads, ID @1059, "R. América, la voz de nuevo mundo, Lima," QRN de Reloj 6006, especially when Reloj played loud, rhythmic mx (gd; 9/3. Lazarus, IA)
- 6020 1057 R. Victoria, choral NA, Beethoven theme mx, ID as "R. Victoria del Peru," calls, not s/on, hrd. 10 minutes earlier (444; 8/9. Jones, MS)
- 6115 1105 R. Unión, ID, Peruvian campo mx (much yipping), LV del LLano not on (453; 8/9. Jones, MS)
- t6140 1040 R. Huayllay, Peruvian-type campo mx, peaked around 1045, unable to say whether armt in SS or Indian language; not hrd since (242; 8/26. Jones, MS)

SURINAM

- 4750 \*0828 R. Apintie, s/on, NA, ID in Hindi, Hindi folk mx px to 0900 tune-out, another new fq, ex-4950 (stronger than before - power increase? 9/6. Lobdell, MA) (2359; soul/calypso, anmts; ID tentative, (243; 9/5-6. Novello, NY)

SURINAM -- (Continued)

4850 0910 SRS, lang; mx, cmts by OM mentioning Surinam (333; 7/13. Faccioli, Uruguay)  
(0100; 333; 8/20. Cereghin, MD)(0321; 434; 8/18. Heyman, NY)

URUGUAY

4910 2100 Dif. Soriano, local soccer match, w/ ads, ID as "Difusora Soriano, CW56.." this outlet is a link between the stadium and the studios; (343; 7/10. Faccioli,  
4945 2015 LV de Artigas, Soccer match, ads, ID "Llega a Ud. por La Voz //// Uruguay) de Artigas..." A link between the soccer field and the studios (454; 7/9. Faccioli, Uruguay)  
9515 2348 SODRE, YL ancr, amnts, 2350\* (222; 8/30. Bickel, CA)  
11885 0035 SODRE, EE/SS, mx, ID in EE by YL @0039, local bc times and fqys, nx items read by YL, 0100\* (433; 8/23. Kopriva, CA)(0035; 333; 8/27. Bickel, CA)(0007; 333; 8/21. Huffaker, Mexico)

VENEZUELA

3225 0329 R. Occidente, traditional Mexican-type tunes with "Ole!" repeated several times, clear ID @0330 by OM (333; 8/31. Cereghin, MD)(1020; 444; 8/28. Jones, MS) (0346; serious ID w/ calls & fqys @0400; 8/24. Novello, NY)(0132; 322; 8/25. Cohen, PA)  
3395 0345 R. Universidad, LAm songs, ballads, ID w/ chimes, bad het (322; 7/31. Blaize, LA)  
4770 0200 R. Bolívar, singing station ID, ads; mx; (232; 8/27. Stone, ON)(0304; 433; 8/12. Heyman, NY)(1005; 434; 8/19. Miller, CA)(0117; 433; 8/16. Cohen, PA)(0510; on late, usually s/off 0300; 443; 8/24. Flynn, CA)  
4780 0150 OM w/ screamed amnts, 4-note chimes (like R. Reloj), constant tlk (322; 8/18. McLean, NY)  
4800 0300 R. Lara, typical LAm mx, anmt by OM ancr; (454; 8/8. Raymond, MA)(0131; 433; 7/26. Huffaker, Mexico)  
4840 0250 R. Valera, ID by OM @0254, radio play, super signal (exc; 8/28. Parks, FL)  
t4870 0447 R. Tropical, could not catch ID, but amnts place in -4 GMT time zone; special Sunday px after 2400 local time, mentioned 'Domingo' at least 6 times in 10 mins. (333; 7/27. Huffaker, Mexico) Huffaker, Mexico)  
4880 0234 R. Universo, LAm mx, TCs every 2 or 3 minutes "en Universo..." (443; 7/10./  
4900 0306 R. Juventud, NA rock concert (recorded) with EE amnts, local ancr broke in @0323 w/ ID and at 0328 with "El Rock, la Evolución de Rock" (433; 7/26. Huffaker, Mexico)(0339; 0358\*; 252; 8/4. Brown, WA)(0317; 454; 9/7. O'Dell, AR)(0210; 433; 8/14. McLean, NY)(0121; 423; 8/12. Heyman, NY)(0140; 333; 8/14. Cereghin, MD) (0030; 444; 9/7. Thompson, NM) here in Mexico;  
4970 0438 R. Rumbos, usual LAm mx, they have UTE QRM down/ (433; 9/2. Blaize, Mexico) (0449; 0457\*; 434; 8/23. Curnell, OR)  
4980 0155 Ecos del Torbes, mx, OM w/ screaming ID @0157; followed by nx; (533; 8/14. McLean, NY)  
4990 0140 R. Barquisimeto, mx, tlks (9/6. Thompson, NM)(0235; IDs between numbers; 444; 7/26. Huffaker, Mexico)  
5030 0432 R. Continente, LAm mx, TCs; "En Continente,," (444; 7/8. Huffaker, Mexico) (0130; 444; 8/31. Thompson, NM)(0418; hrd. on ICF 5900 in Mexican offshore oil-field (444; 9/2. Blaize, Mexico)(0450; 433; 8/16. Palmer, WA)  
5040 0926 R. Maturin, IDs, mx (444; 7/5. Huffaker, Mexico) Mexico)  
6020 0549 R. Anzoategui, LAm mx, IDs as R. Anzoategui, NA, 0558\* (343; 7/15. Huffaker,  
9660 2123 R. Rumbos, mx w/ OM tlk, (232; 8/8. Heyman, NY)

NORTH AND CENTRAL AMERICAANTIGUA

6055 0140 DW, During Democratic convention, surprised to find DW here for EE to NAM, instead of 6040. Reason: VOA Woofferton 6040 extended sked earlier than usual \*0300 (Hauser, TN)  
6085 0200 DW, GG, fqy, nx (444; 9/1. Berkholtz, MN)  
6175 0500 BBC, EE, world nx, px "24 Hrs," (444; 8/4. Kopriva, CA)  
9510 0554 BBC, EE, OM, Polish party leader sacked, has heart attack (444; 9/6. Traver, CA)(0745; 444; 8/31. Whetzel, IN)(0555; 444; 8/22. Dittrich, FL)  
9545 0520 DW, EE, mx, ID (545; 9/2. Blaize, Mexico)  
9735 0455 DW, GG, cmt, mx, 100 anniversary of birth of Hans Moser, Viennese actor and singer (433; 8/9. Berkholtz, MN)  
11785 \*1200 DW, GG, nx "Frühprogramm für Südamerika" (early px for SAm) Polish developments, (/15275 454)(433; 8/22. Munster, GA)(0925; exc; 8/11. Holland, NY)  
15410 0039 DW, GG, ID, cmt on sports injuries (444; 8/5. Berkholtz, MN)

BELIZE -- Radio Belize

3285 0353 EE, disco mx, ad for Quail's Imperial Blended Brandy; ID (323; 8/30. Smith, FL)(0426; lower side band was in the clear; 322; 8/3. Moman, AB)(0510; 444; 8/5. Dittrich, FL)(0434; 323; 8/23. Cohen, PA)(0334; 232; 8/13. Heyman, NY)

When you show your broken radio to the repairman, it will work perfectly.

CANADA

4865

- Vancouver Marine Operator -- Mike asks whether this operation is legal. Well, I believe that not only is the tropical band assigned to various utility operations in the Northern and Southern Hemispheres -- but the communications authorities of each country, if they determine that broadcasting on a frequency is in that country's best interests, can authorize broadcasting on that freq. even if it is not assigned to that particular service by the ITU. This therefore means that so-called "out-of-band" operations are not "illegal" in the sense that they are not operating within the law. This would also cover the Soviet and U.S. over-the-horizon radar systems; and all sorts of operations heretofore called "out-of-band" operations are, strictly speaking, within the law. Oh, well; (Hardester, CA)
- 5960 0422 RCI, EE, OM, story about Montreal Film Festival, (444; 8/23. Traver, CA) (2205; 444; 8/22. Fournier, VA)+2
- 6005 1105 CFCX, Montreal, EE, rock mx, (fr; 8/17. Holland, NY)
- 6065 1120 CBCNQSWs, EE, author interview, mx (gd; 8/17. Holland, NY) IL
- 6070 0320 CKFX, Toronto, EE, football, (433; 8/7. Worman, WI)(2250; 222; 8/26. Sershon.
- 6080 0803 CKFX, Vancouver, EE, OM w/ country mx, wx report, barely audible -- //1130 kHz (CKWX) which was coming in much better (221; 9/1. Hall, CA)
- 6130 1125 CHNX, Halifax, EE, folk mx, ads (fr; 8/17. Holland, NY)
- 6160 2339 KZU, Vancouver, EE, pop mx, (333; 8/27. Curnell, OR)(1307; 333; 8/22. Famularo, CA)(0755; 0800\*; 222; 8/26. Hall, CA)
- 6195 0402 CBCNQSWs, EE, nx, sx, into FF @0417 (333; 9/3. Bickel, CA)
- 9625 0230 CBCNQSWs, EE, "Farce de Mte," (333\* 8/18. Sershon, IL)
- 9655 0239 RCI, SS, nx (444; 8/8. Berkholtz, MN)
- 9755 2200 CBC Domestic Service, "World at 6/As It Happens,(444; regular; Whetzel, IN)
- 11720 0230 CBCNQSWs, UNID; nx, mentions of Quebec (exc; 8/16. Holland, NY)+3
- 11940 0205 RCI, EE, nx, wx, sx (555; 8/6. Zehr, NV)
- 11955 \*1300 RCI, EE, "Sunday Morning" (544; regular; Whetzel, IN)+1
- 15190 0050 RCI, SS, mx (433; 8/8. Berkholtz, MN)
- 15260 1847 RCI, EE, DXD (444; 8/17. Berkholtz, MN)+2
- 15325 2150 CBC Domestic Service, "As It Happens," (444; 6/27. Kerrigan, IL)+5
- 17710 1515 CBC Domestic Service, EE "Sunday Morning" (544; 8/10. Cereghin, MD)
- 17820 1630 RCI, FF, nx to Europe (444; 8/16. Berkholtz, MN)
- 17830 1600 BBC Relay, EE, nx, //17880 (332; 8/21. Zilmer, NM)+1
- 17875 1916 RCI, EE, to Europe, 1929\* (333; 9/9. Marshall, AZ)+1

COSTA RICA

- 4832 0503 R. Reloj, nx, no ID hrd (444; 8/2. Blaize, LA)(0205; 534; 8/14. McLean, NY)+3
- 5055 0341 Faro del Caribe, EE, "Pastor Wright 'Bring Christ to the Nations'" closed w/ ID, address, anthem, //9645, 6175 ancd; (333; 8/18. Palmer, WA)+3
- 5955 1030 R. Casino, TIQ, martial mx, clear ID, fqy, into "Mexican" stype rancho mx (433; 8/1. Blaize, LA)
- 6075 0530 R. Rumbo, LAM mx, IDs, (444; 7/9. Huffaker, Mexico)
- 6105 0127 R. Universidad, ID, TC, pop mx from US, anniversary of the University, good sig (444; 8/25. Jones, MS)
- 9615 0300 R. Noticias del Continente, tlk, gave address: "Apartado 873, Centro Colón, San José, Costa Rica," (423; 8/30.Pettit, IA)(0232; 333; 8/16. Zilmer, NM)(2048; 242; 7/10. Huffaker, Mexico)

CUBA

- 5045 1000 RMWS still hrd here for 1 hr. only 1000-1100 (OC and tuneup tones for some minutes before 1000). Checking 1958 WRH, I see there was a private Cuban sta. on this fqy. before the revolution, COCW in Habana. So, the Cubans probably figure it's still their fqy, though certainly a higher-powered xmitter. Fortunately, no Cook Islands QRM as Arthur Cushen says they're signing off @0900 now (Hauser, TN)
- 9515 2305 RHC noted 8/21 in SS here; new fqy? (Hauser, TN) CA
- 9525 0705 RHC, EE, West Coast Service with "The Land of Mexico" (544; 8/16. Van Beurden,
- 9600 0030 RMWS, EE, History Club px (444; 8/12. Davenport, TN)
- 11740 1730 RHC, usual propaganda; QSB (gd; 8/16. Holland, NY)
- 11760.7 0510 RHC, ID in EE @0515; (222; 8/4. Traver, CA)+2
- 11930 0250 RHC, EE, OM, tlk on Cuban aid to countries (333; 8/23. Curnell, OR)
- 15155 2021 RHC, EE, nx (444; 8/22. Fournier, VA)+1
- 15230 0600\* RHC, closing anmts (thank goodness, I missed the program (444; 8/30. Pettit, IA)(2358; 333; 8/9. Traver, CA)

DOMINICAN REPUBLIC

- 4930 2350 ID by OM "Esta es H-I-B-E" Radio Mil jingle, into pops (333; 8/17. Fisher, MA) (0432; "Aqui es Ache-I-Bay-Eh"; 344; 9/2. Blaize, Mexico)(0535; 0600\* after NA; 433; 8/31. Barr, CA)(0456; 453; 8/17. Hardester, CA)(0147;433;8/25.Dittrich,FL)

EL SALVADOR -- R. Nacional de El Salvador (note: not DEL Salvador)

- 9552 0011 Disco mx, patriotic song, ID @0027; (423; 8/25. Cohen, PA)(0030; 444; 8/30 Thompson, NM)(2325; 444; 7/5. Huffaker, Mexico)(1115; four-note signature tune, NA; very difficult (222; 8/14. Greenwood, PA)(1045; 444; 8/27. Farmer, TN)(0427; 222; 8/23. Dittrich, FL)(Close to Cuba 9550, net; 8/16. 1240; Hauser, TN)

GRENADE -- Radio Free Grenada

15045 2208 EE, pop mx, ad for "Odor-Rolla" deodorant; (333; 8/12. Cereghin, MD) +13

GUATEMALA

2390 1110 LV de Atitlan, OM ancr w/ several IDs, ments. of Guatemala, no TCs noted (353; 8/8. Hardester, CA)

3300 0311 R. Cultural, EE, anmts, mx (322; 8/19. Bickel, CA)(0345; 233; 7/29. Hall, CA)+3

3360 0045 LA de Nahuala, mx, (444; 8/30. Thompson, NM) LA)+1

3380 0335 R. Chortis, ranchoero-type mx; nice signal in spite of QRN (433; 7/31. Blaize, t4825 0307\* R. Mam, OM w/ slow talks, saxophone mx in between tlks, signal gone @0311 (423; 9/3. McLean, NY)(0215; 444; 8/30. Thompson, NM)

4835 0015 R. Tezulutlan, intros, frequent IDs by OM, children's choir sang Red River Valley and other old US songs in SS; (gd; 9/4. Parks, FL; Relej weak this night)+1

6180 1021 LV de Guatemala, "Guate-Scope" EE px hrd 9/3 1021-1028 w/ hard-to-understand textbook background on various wire services. Closed w/ cliché of "same time, same station" tomorrow, but the time actually varies. The adjacent SS segments were much easier to follow -- one of them was quite critical of 'Mexican imperialism' (Hauser, TN)(0025; 444; 7/6. Huffaker, Mexico)(1055; end of EE px; gd; 8/28; Fisher, MA)(0835; 444; 8/23. Hall, CA)(1050; 433; 8/20. Curnell, OR)

HAITI -- 4VEH

11835 1130 EE, OM: "I want to help you develop a positive way of life," rel mx; (352; 8/22. Munster, GA)(1240; Family Altar of the Air; 333; 9/1. Whetzel, IN)+3

HONDURAS

4780 1100 R. Juticalpa, OM ID as above, into campesino wake-up vocals, which would certainly wake me up (444; 9/3. Lowe, TN)

4820 0335 LV Evangelica, EE, mx, "My Blue Heaven," (453; 8/1. Bledsoe, MO)+7

4890 0058 R. Lux, mx, ID w/ 5 minutes of ads @0100, children's program (333; 7/4. Huffaker, Mexico)

MEXICO

2390 2343 R. Huayacocotla, "15 años de R. Huayacocotla," interviews, history, local mx; reference to both calls XEJOC & XEJN until 0154\* (444; 8/23. Huffaker, Mexico)

6105 0453 XEQM, mx (Disco), long s/off anmt; complete ID including "LV Cultural," 30 secs. of Battle Hymn of the Republic in EE (444; 7/26. Huffaker, Mexico)

6115 0109 XEUDS, class.mx px (233; 7/29. Hall, CA)(1500; 454; 8/21. Thompson, NM)+1

6165 0200 LV de América Latina, OM with song dedications (444; 8/17. Dittrich, FL)

6185 0915-1102 XEEP, R. Educación, continuous mx & varied, pop, jazz, vocals in EE to rustic SS ranchoero folk, two brief voice over IDs by YL @0958 and 1040 (232; 8/14. Greenwood, PA)

9555 1520 XEQK, taped commercials with TC every minute (precise time signal obtained from the National Observatory)(444; 8/30. Huffaker, Mexico)

15430 2320 R. México, mx, tlks (222; 8/16. McLean, NY)

17765 0038 R. Mexico, OM tlk on Mexican mx (232; 8/5. Hall, CA)

NICARAGUA (NOTE: Netherlands Antilles is edited out this month - 22 loggings)

5950 0000 LV de Nicaragua, IS, sounded like a warped music box, news brief, into drum music (222; 8/25. Cereghin, MD)+14

6120 1134 R. Zinica, ID, fqy, marimba mx (444; 9/6. Jones, MS)(1130; IDs as both R. Zinica and/or Radio TV Zinica, (good; 8/30. Parks, FL))

UNITED STATES OF AMERICA

5985 0500\* WYFR's new so-called Canadian service was activated in mid-August, on this fqy 2200-0500 and wiping out R. Mexico, of course. Look for more and more QRM from WYFR as they keep adding xmitters. They tried to put on an FM station in Vancouver, but CRTC turned them down for being 'narrowly sectarian' rather than 'family-oriented' as claimed. No doubt they thank God for shortwave (Hauser, TN)

6240 0411 Voice of the Pyramids, EE, "Smoke on the Water," (seems to be this guy's favorite song), then ID, power as 100 W, (433; 8/17. Cunningham, OH)

6420 0640 KVHF, EE, ID, played rock mx (322; 9/1. Grenier, PA)(also heard by others 9/5-9/9 and 7/6.)

7345 0130 Syncom 41, EE, IS, ID by OM, pop & rock mx, reports via the FRC(fair, 8/24. Fisher, MA) Pettit, IA)

7355 0250 Radio VBR, EE, occasional IDs, 0353\* w/ NA, Burbank Radio?? (333; 9/2. /

7355 0500 R. Indiana, EE, ID @0502, asking for reports via FRC and SPEEDX (Oh, no they don't! ch)(533; 8/24. Pettit, IA) Baxter, KS)

7355 0400 R. VPR, EE, pop mx w/ frequent IDs, VPR, Voice of Pirate Radio??(433; 8/10/

7375 0603 R. Syncom, EE, rock mx, echo IDs, address of FRC given, (232; 8/9. Cunningham, OH)

7375 1811 R. Joy, EE, apparent pirate net w/ R. Joy talking to new pirate by call of WXTC or WXFC. Syncom later joined tyem and relayed IDs of R. Quadro and R. Telstar (454; 8/19. Wallace, MA)+40 other U.S. loggings.

THAT'S IT FOR THIS MONTH. THANKS FOR YOUR SUPPORT. AM ASKING FOR ANOTHER PAGE SO THAT ALL YOUR LOGGINGS CAN BE PRINTED.

73'S AND GOOD DX FROM CHRIS HANSEN AND ARKIE

# SWBC - EUROPE



EDITOR

Ralph Famularo

Please send loggings for Europe to our CDE, Peggy Thompson, addr. on back  
 Deadline: 12th  
 Times and Dates: GMT  
 Frequencies: kHz

## ALBANIA

- 7065 2217 Radio Tirana: YL comtry on Marxist-Leninist party, mx, CW QRM (322 9/1 Audette-MA)(444 2055 Kerrigan-UK)  
 7120 0232 RT: Usual propaganda, lots of CW QRM (322 8/19 Whetzel-IN)(333 8/26 Fournier-VA)(???) 8/13 Skora-ONT)  
 7300 0332 RT: YL economic tlk (222 8/11 Hall-CA)(443 Earhart-PA)(454 8/10 Cereghin-MD)(444 8/28 Fournier-VA)  
 9375 \*0430 RT: Lang? IS & S/on (332 8/30 Pettit-IA) Greek or Arabic?...rmf.  
 9480 1657 RT: YL tlk on Albanian revolution (433 Kerrigan-UK)(322 Fournier)  
 9750 0230 RT: YL w/ local nx (544 9/4 Davis-KY)(322 Ortega-CA)(422 Blaize-Mexico)(433 Curnell-OR)(322 8/28 Kern-CA)  
 9790 0158 RT: Albanian IS, "Ju flet Tirana" ID, nx (343 8/11 Heyman-NY)

## ANDORRA

- 6215 0445 Radio Andorra: FF; a huge suprise to find this here w/FF pops, only EE song was Rod Stewart's "Do Ya Think I'm Sexy." Played swing clarinet filler before IDs on hour & half-hour 0500 & 0530, OM nx 0500-08. Taped IDs echoing "Radio Andorre!" fade @0700... QRM de Vatican- 6210 kHz. (332 9/6 Lowe-TN) Similiar pgm plus AWR Lang broadcast w/EE ID @0630 "This is the Voice of Hope, Adventist World Radio" (322 9/7 Greenwood-PA) Nice job guys...rmf.

## AUSTRIA

- 5945 0130 Osterreichischer Rundfunk: Nx, wx, Austrian financial problems (433 8/14 Stone-ONT)(Heyman)(Holland)(Coleman)(Earhart)  
 9770 0130 ORF: ID, IS, nx, Special session of U.N. Assembly, severe Co-channel QRM (322 9/3 Blaize-MEXICO)(Cohen-PA)(Fraser-MA)(Johnson-IL)(Hodsdon-MN)(Smith-FL) GG pgm (0232 Berkholtz-MN)  
 12015 0430 ORF: IS, ID, Letter from Austria, mx, PO Box 700, @0454\* (343 8/4 Kopriva-CA)(Grenier)(Mappin)(Curnell)(Byron)(Berkholtz)(Miller-CA)(Nebron)(@2256 lost to QRM, 8/21 Cereghin-MD)  
 15440 0657 ORF: GG/EE tone, ID, anct, IS, CBC QRM (434 Kerrigan-UK)  
 15560 1837 ORF: Tlk on Danube River pollution clean-up efforts, 1841 sports (333 8/25 Fournier-VA)(Heyman)(Shepard-IL)(Hodsdon)(Thompson-CA) (in GG, 242+ 8/10 Berkholtz-MN)  
 21500 0600 ORF: GG YL nx, ID ( 434 8/17 O'Brien-AUSTRALIA)  
 21655 1235 ORF: Austrian Shortwave Panorama, G. Hauser w/FM DX tlk (232 8/24 Audette-MA) News (333 8/11 Drew-TX)

## BELGIUM

- 15135 0010 Belgische Radio en Televisie: Brussels Calling w/ nx, mx, ID (332 8/14 Smith-FL)  
 15175 0015 BRT: Orch. mx, vocals, cmtry, Belgian nx, IDs, freqs (444 8/24 Thompson-NM)(Cereghin-MD)(Kopriva)(Berkholtz)(Smith-FL)(Fournier)(O'Brien-AUSTRALIA)  
 15385 \*0015 BRT: Mx, interview w/ singer, DX Corner (433 8/18 Narva-MD)(444 8/12 Cohen-PA)(Byron)(Davenport-TN)(Gonzalez-NY)(Grenier)(Johnson)(Heyman)(McLean-NY)(Pettit-IA)  
 17740 1200 BRT: Dutch IS under Asian station, nx @1205 (222 Cereghin-MD)  
 21460 1540 ORU: YL tlk, mx, Afro drumming (544 Miller-CA)(444 Smith-FL)  
 21525 1605 BRT: IS, ID, "The Week That Was", covered by WYFR @1610 (332 8/16 Zilmer-NM)(232 Audette-MA)(Fournier-VA)(433 Pettit-IA)

## BULGARIA

- 11720 1935 Radio Sofia: OM nx, cmtry on Aid to Developing Nations, CBC QRM (222 8/29 Audette-MA) ID & Folk mx (222 8/24 Fournier-VA)  
 11735 2030 RS: African Service w/ YL nx @2033 (444 9/3 Raymond-MA)  
 11740 2130 RS: Nx, ID, "Roots of a Nation" #6, mx (354 8/23 Smith-FL)  
 11750 2231 RS: YL ID, nx, World Peace cmtry (433 Hodsdon-MN)(Audette)(433 Mappin-WA)(423 Skora-ONT)(322 9/8 Traver-CA)

BULGARIA (Continued)

11920 0910 Radio Moscow World Service Relay: Cmtry on Effect of Embargo Sanctions (fair 8/11 Holland-NY)  
 15135 2155 RS: Mailbag pgm, address, folk mx (455 9/4 Johnson-IL)(434 8/8 Heyman-NY)(Fournier)(Kopriva)  
 2318 RMWS: SS pgm to Latin America (333 9/1 Palmer-WA)  
 15310 2201 RS: PP OM/YL ID, OM nx (434 8/11 Heyman-NY)  
 15330 0030 RS: Pgm on Children's Conference in Sofia (444 8/20 Curnell-OR) (Davis-KY)(Stone-ONT) Bulgarian pgm (333 Berkholtz-MN)  
 17825 1847 RS: YL cmtry on Namibia (333 8/26 Fournier-VA) PP bcst to Brazil (333 0230 8/5 Stone-ONT)

CZECHOSLOVAKIA

5930 0125 Radio Prague: OM w/freqs & times, ID, hydroprojects in USSR // 7345 (543) (352 8/22 Munster-GA) SS pgm (222 Smith-FL)  
 6055 0037 RP: Lite classical mx, ID (444 8/21 Huffaker-MEXICO)  
 7345 0130 RP: OM cmtry on Hungarian Commonauts (544 8/29 RJ Coleman-MA) (Schliedermayer-WI)(Creamer-CO)(Sanderson-AZ)(Heyman)(Smith-FL)  
 9500 0751 RP: Reception Report Contest (343 Kerrigan-UK)  
 9740 0304 RP: OM nx, Sunday Magazine of the Air, listeners letters @0318 (422 8/24 Ortega-CA)  
 11990 0305 RP: Tlk on hydroelectric plant, mx (454 8/18 Earhart-PA)(333 8/8 Berkholtz-MN)(Hodsdon)(Curnell)(Blaiuze)(Kopriva)(Johnson)(Heyman)(Fournier)  
 21505 1558 RP: Tlk, 1601 YL ID, cmtrys on Non-Proliferation Treaty & racism in USA & S. Africa (333 Lucas-CA)(333 1730 8/24 Zilmer-NM)

DENMARK

15165 1759 Radio Denmark: IS, EE ID, Danish pgm (343 Heyman-NY)(Berkholtz)

FINLAND

11755 0506 Radio Finland: Finnish OM nx (333 9/8 Traver-CA)  
 15265 \*1930 RF: YL ID, freqs, "Northern Report" & "Compass North" (Audette-MA)  
 15400 1300 RF: "Sunday Beat" w/ cmtry on smoking (333 8/12 Davenport-TN) (Narva-MD)(Whetzel-IN)(Kopriva-CA)(Heyman-NY)(Marshall-AZ) (Earhart-PA)(Hodsdon-MN)(Skora-ONT)  
 15430 \*0330 RF: YL ID, freqs, report on Oil Workers Strike, wx, // 15400 (good) (433 8/14 Audette-MA)  
 21465 1435 RF: OM tlk on energy use among Finland, Norway & Sweden, ID (554 8/5 Schoeder-WI)  
 21475 1431 RF: "Northern Report" w/tlk on clothing in Finland (333 Grenier-CA) (444 Gonzalez-NY)(Kopriva)(Whetzel)(Fournier)(Holland)

FRANCE

11705 0423 Radio France International: FF w/electronic organ mx (Traver-CA)  
 15135 \*0400 RFI: FF IS, tlks (nx?) (544 8/25 Pettit-IA)  
 15180 0500 RFI: FF Language pgm (322 9/1 Sheperd-IL) Details?.....rmf.  
 15200 1758 RFI: FF mx, freqs, Moscow QRM (333 8/10 Berkholtz-MN)  
 15300 1350 RFI: FF YL, Louisiana Bayou tunes (444 8/8 RJ Coleman-MA)  
 17795 0052 RFI: Pop mx, OM anncr. (343 8/31 Traver-CA) That's FF also.  
 17850 1610 RFI: EE YL nx // 17860, 21520, 21580 (333 8/24 Fournier-VA)  
 21515 1633 RFI: PCA w/ world nx, sports (333 9/1 Whetzel-IN)(555 Zehr-NV)  
 21520 1615 RFI: PCA w/ nx, rock & vocal mx, interview, FF ID (333 Kopriva-CA) (354 1605 8/15 Van Beurden-CA)(FF, 434 1700 8/23 Pettit-IA)  
 21525 1603 RFI: World nx, ID, mx, African nx (353 8/30 Smith-FL)  
 21580 1605 RFI: "Paris Calling Africa" (343 Huddleston-TX)(Heyman)(Smith)  
 21595 1605 RFI: ID, Afro/French/World nx (333 Cucura-PA)(Huddleston)(Audette)  
 21620 1618 RFI: "PO Box 9516" // 25820 (333 8/24 Fournier-VA)(343 Audette-MA)  
 21645 1411 RFI: FF MOR mx, IDs into comedy program (344 8/29 Hall-CA)  
 21705 1504 RFI: GG nx, GG/FF ID - one of their home service foreign lang spots for tourists in France. Also in EE during the summer. (Hauser-TN)  
 25820 1620 RFI: PCA w/"Press in Africa" (253 9/1 Flynn-CA)(Johnson)(Zilmer)  
 25900 1400 RFI: EE nx in brief heard irregularly for 3-5 minutes @1400-05 (252 8/29 Zilmer-NM)

GERMAN DEMOCRATIC REPUBLIC

9730 0000 Radio Berlin International: IS, ID, freq into nx & nice instrumental mx (433 Davenport-TN)(GG pgm, 333 8/19 Berkholtz-MN)  
 11840 0248 RBI: OM tlk, mx, YL tlk- Bucharest QRM (332 Earhart-PA)(Fournier)  
 11890 0240 RBI: OM nx (222 8/11 Worman-WI)(Johnson-IL)(433 Cereghin-MD)  
 11975 0241 RBI: Talk on nuclear warfare & armaments (222 8/19 Skora-ONT)

FEDERAL GERMANY begins next page.....



GERMAN FEDERAL REPUBLIC

3995 0425 Deutsche Welle: OM tlk, freqs & ID (323 8/13 Heyman-NY)  
GG programming (McLean-NY)(Cohen-PA)(Cereghin-MD)  
5960 0530 DW: IS, ID, nx, magazine pgm (434 Blaize-MEXICO)(333 Cereghin-MD)  
(433 8/24 Audette-MA)  
6145 0144 DW: Mx, freq listings (444 8/10 Berkholtz-MN)  
6185 0541 DW: News, site checked at 0550\* (433- 9/7 Munster-GA)  
7190 0257 Radio Free Europe: Polish open carrier til 0300, tried to strike  
up anthem but got off two notes before being smeared by jamming  
(333 to 111 8/28 Lowe-TN)  
7285 0900 DW: GG world nx, ID (444 Kerrigan-UK)  
9765 0510 DW: African Service w/ tlk on Rural Development // 11765, 0515\*  
(433 8/24 Audette-MA)  
11765 0600 DW: Nx, press reports (333 8/31 Zilmer-NM)  
11785 1720 DW: Asian Service w/nx, DX program, cmtry, freqs (333 Kopriya-CA)  
11905 0545 DW: Pop mx, sked & 0550\* (444 8/31 Zilmer-NM)(333 Audette-MA)  
15135 1754 DW: Tlk on Party coalitions in the GFR (222 8/25 Fournier-VA)  
17895 2115 Radio Liberty: Ukranian cmtry, severe jamming (222 Audette-MA)  
21600 \*1715 DW: ID, nx, "Window on the World" (444 9/1 Huddleston-TX)  
(322 Cereghin-MD)(333 9/2 Zilmer-NM)

GREECE

7125 0400 Voice of Greece: Greek IS, YL ID (533 7/28 Lecuona-ARGENTINA)  
9515 0340 VOG: Mx, EE nx, back into Greek (322 Whetzel-IN)(353 Earhart-PA)  
9615 2320 VOG: SS YL ID, nx, heavy Vatican QRM (411 Lecuona-ARGENTINA)  
9650 0310 VOG: Greek mx & comments, 0340 EE nx, Grk s/off 0352 (453 7/14  
Faccioli-URUGUAY)  
11730 0138 VOG: OM nxcst into pgm of Greek mx @0140 (233 8/19 Hall-CA)  
(0330 Kopriya-CA)(Currell-OR)(Blaize-MEXICO)(Skora-ONT)  
11760 2002 VOA Kavala Relay: Democratic Convention coverage (343 Heyman-NY)  
11860 1927 VOG: Nx, YL ID into FF @1930 (434 8/13 Heyman-NY)

HUNGARY

9835 0230 Radio Budapest: Hungarian w/Swedish-Hungarian soccer match  
(?? 8/20 Byron-NY)(Berkholtz-MN)EE pgm (343 0202 8/28 Smith-FL)  
11910 0108 RB: Nx, comment // 9835 & 17710 (433 Blaize-MEXICO)(Heyman-NY)  
15220 0108 RB: Tlk on Vietnam's Independence Day (444 9/3 Drew-TX)(333 8/28  
Smith-FL)(Fournier-VA)(Miller-CA)(Zilmer-NM)  
17710 0100 RB: IS, IDs, nx, comments, tlks (454 9/3 Thompson-NM)(343 Skora-ONT)  
(333 Berkholtz)(333 Kopriya)(333 Kern-CA)(343 Smith)

ITALY

9575 0116 Radiotelevisione Italiana: Pop mx, YL ID @0118 (excellent 8/26  
Cuppy-IN)(544 0115 8/29 RJ Coleman-MA)  
11800 0100 RAI: Mx, nx (555 7/28 Creamer-CO)(Kopriya) Italian (433 Rocha-CA)  
15330 0354 RAI: YL cmtry on Italian Parliament, ID, address, wx, nx  
(332 8/18 Lucas-CA)(433 0430 8/24 Zilmer-NM)  
21690 \*1640 RAI: Somali OM ID, nx, mx, 1655\* (333 9/2 Audette-MA)

LUXEMBOURG

6090 2330 Radio Luxembourg: ID, brief nx, mx (353 8/16 Gonzalez-NY)(Heyman)  
(242 Huddleston)(333 Whetzel)(343 Skora-ONT)  
15350 2047 RL: FF w/"Fool on the Hill" by Lennon & McCartney into Supertramp's  
"Long Way Home" (433 9/4 Lowe-TN)(333 Berkholtz) GG ID, "Hier ist  
Radio Luxembourg" (444 Faccioli-URUGUAY)

MALTA

6100 0118 DW Cyclops Relay: IS, ID, freqs, nx, comments (444 Thompson-NM)  
9565 0220 DW: Nx, ID, Cmtry (322 8/28 Smith-FL)(434 Blaize-MEXICO)  
11865 0120 DW: Nx, current affairs, VOA QRM (333 8/1 Kopriya-CA)  
15105 0140 DW: Commentary (444 Berkholtz-MN) Talk on Polish strikes (343  
8/22 Audette-MA)(454 8/19 Thompson-NM)

MONACO

9495 0728 Trans World Radio: IS, ID, still announcing 9.500, religious pgm  
(333 8/9 Moman-ALBERTA)(343 Farmer-TN)(McLean-NY)(Whetzel)  
(544 Pettit-IA)(443 8/19 Heyman-NY)  
9615 0805 TWR: IS, EE ID, GG nx (434 Kerrigan-UK)

NETHERLANDS

9770 0756 Radio Nederland: EE w/ jazz mx (444 8/17 O'Brien-AUSTRALIA)  
17605 1852 RN: ID, DX nx w/ Arthur Cushen, mx, tlk on ANARC (333 Hodsdon)  
(433 1333 8/26 Fournier-VA)(\*2030 Happy Station (343) 8/31  
Pettit-IA) AA cmtry & mx (242+ Berkholtz-MN)

NORWAY

9610 0201 Radio Norway: "Northern Report" (434 8/25 Farmer-TN)  
 11860 0322 RN: EE ID into Lang. (544 Mappin-WA)(322 0405 Audette-MA)  
 15175 2005 RN: YL nx, OM interview, nx of Jazz Festival (322 8/3 Brown-??)  
 (444 Berkholtz)(Audette-MA)(Kerrigan-UK)(434 Fournier-VA)  
 15345 \*2200 RN: Discussion of American politics, interview (323 Narva-MD)++  
 17795 2200 RN: "This Week in Norway" (Huddleston-TX)(Smith-FL)(Berkholtz)  
 17830 1612 RN: OM tkl on Polish workers' strike (333 8/24 Audette-MA)  
 17840 \*1400 RN: NA, ID, local nx, Moscow QRM (fair-good 8/24 Holland-NY)  
 21730 1357 RN: Mx into 1400 EE pgm // 17840 (232 8/31 Hall-CA)  
 25730 1655 RN: IS, EE s/on into Norwegian pgm (254 9/1 Flynn-CA)

POLAND

7270 0300 Radio Polonia: EE pgm - 7270 not announced (222 Cereghin-MD)  
 Mx, news in brief (343 8/11 Smith-FL)  
 9525 0210 RP: OM ID, nx, comtry (333 Berkholtz-MN)(Mappin)(Audette)(Smith)  
 9675 0630 RP: OM report on Giereck's TV & radio address (322 Munster-GA)  
 11635 0225 RP: IDs between classical mx (444 Johnson-IL) NF or what?...rmf.  
 11815 0220 RP: Short tkl, mx, DX news w/reports from USA (353 Earhart-PA)  
 (Farmer-TN)(Berkholtz)(Cucura)(Coleman)(Huddleston)(Smith)  
 (Kopriva)(Cereghin)  
 15120 0320 RP: Historical tkl, mx, ID, s/off (433 Smith-FL)(Kern-CA)  
 (333 Berkholtz-MN)(343 8/10 Earhart-PA)

PORTUGAL

9575 0515 Radio Portugal: Nx, ID, sked, mx (555 Johnson-IL)(444 Audette-MA)  
 9670 0747 AWR:FF? religious pgm & singing (343 8/24 Farmer-TN)  
 1900 Radio Renascenca: ID, nx, "Aqui Portugal programa da Radio  
 Renascenca..." (354 8/14 Toia-ITALY)  
 11925 0305 RP: OM nx // 15125 (434 Worman-WI)(Heyman)(Whetzel)(Narva)  
 (Skora-ONT)(Berkholtz-MN)  
 15115 0550 Radio Free Europe: Bulgarian comments re; Bulgaria, 0600 mx & ID  
 "Tuc eat Radio Svobodna Evropa" 0610\* w/ IS (422 Faccioli-  
 URUGUAY) Hungarian is listed.....rmf.  
 15125 0300 RP: Nx, main events of the week, mx, 0330\* (444 8/9 Sershon-IL)+++  
 15145 2150 RFE: Polish OM cmtry, Czech @2200 Severe QRM (322 Audette-MA)  
 15170 0020 RP: PP OM continuous tkl & mx (444 Stone-ONT)  
 2300 Radio Japan Relay: EE/JJ IS, ID, time/freq, nx, ID, commentary,  
 tkl on Bank interest (444 8/19 Smith-FL)  
 15180 2210 RJ Sines: OM cmtry (fair 8/14 Lobdell-MA)(322 Whetzel-IN)  
 17880 \*1800 RP: OM ID, sked, tkl on history, mx (232 9/3 Audette-MA)  
 21530 1800 RP: ID, nx (353 Huddleston-TX)(Smith-FL)(in PP, 1550 Rocha-CA)  
 21665 2325 RFE: Czech OM/YL cmtry, discussion (242 Audette-MA)(Berkholtz)  
 21730 1850 Radio Liberty: RR w/ mx, nx, OM/YL ID (333 Berkholtz-MN)

ROMANIA

9570 0215 Radio Bucharest: Mailbag & DX program (333 8/29 Maise-LA)  
 (433 Rocha-CA)(Worman)(Gonzalez)(Skora)(Berkholtz)  
 9690 2115 RB: Tlks, ID, sports roundup (443 8/25 Smith-FL)(333 Audette)  
 11840 0250 RB: Mailbag, comtry on Disarmament, flutter-fade (433 Audette)  
 11940 \*0400 RB: IS, s/on, ID, YL nx (222 8/31 Marshall-AZ)(433 Fournier-VA)  
 (Ortega-CA)(Heyman)(Blaize)(Kopriva)(Pettit)

SPAIN

7840 2140 Spanish Foreign Radio: World nx (333 Kerrigan-UK) stran ge freq.  
 9630 0542 SFR: OM/YL nx of sit-in demonstration in Basque area (444 9/7  
 Traver-CA)(Heyman)(Worman)(Kopriva)(Blaize)(Davenport-TN)  
 (Skora-ONT)(Zehr-NV)  
 11840 \*2010 SFR: OM TC/ID, address, Spanish folk mx (333 8/23 Audette-MA)  
 11880 0002 SFR: SS/EE w/ awful vocal, guitar IS, OM/YL ID/freq, IS, 0005  
 EE OM/YL w/ address, TC, rundown (544 8/25 Thompson-CA)(545  
 Johnson-IL)(Kopriva)(GRENIER)(Smith)(Berkholtz)(Zehr-NV)  
 (Cohen-PA)

SWEDEN

11705 0240 Radio Sweden: SCDXers pgm (444 8/13 Schiedermayer-WI)(Curnell)  
 (Flynn-CA)(Kannry-NY)(Berkholtz-MN)(353 Earhart-PA)  
 15315 0231 RS: Nx and "Panorama", tkl on Swedish Trade Fair (433 Grenier-CA)  
 (Kopriva)(Coleman)(Berkholtz)(Earhart)(Heyman)(Audette)  
 15380 2315 RS: "Stamp Corner" pgm (544 Davis-KY)(433 Kopriva-CA)(444 9/1  
 Grenier-CA)(433 Berkholtz-MN)  
 21615 1418 RS: OM nx, census in Sweden (323 Fournier-VA)(Audette)  
 (Cereghin)(Hall-CA)(Grenier)(Whetzel-IN)  
 21645 2000 RS: Swedish nx & comment w/ some EE, 2035\* - This is in USB  
 mode - relay of Home Service from Varberg (343 9/1 Zilmer-NM)

SWITZERLAND

6140 0145 Swiss Radio International: NF? w/ "Dateline", nx about Poland. QRM from UNIDED LAm stn. (222 9/4 Cereghin-MD)  
 7210 \*0600 Red Cross Broadcasting Service: EE w/ SRI IS til 0605 trumpet fanfare, freq & sked, tlk about Red Cross work. Some ARO QRM. (433 8/25 Pettit-IA)  
 9725 0430 SRI: Swiss nx, DX pgm (444 Whetzel-IN)(Heyman)(Schiedermayer)(Johnson)(Berkholtz)(Cohen)  
 11715 0429 SRI: IS, ID, TPs, nx, "Dateline" (433 Kopriya-CA)(Sanderson-AZ)(GG pgm, 433 0253 8/5 Berkholtz-MN)  
 15305 \*0145 SRI: Nx, mx, QRM after 0200 (543 8/21 Narva-MD)(Whetzel)(Blaize)(Pettit)(GG pgm, 333 2331 8/31 Berkholtz-MN)  
 17830 1528 SRI: IS/ID, YL nx, "Dateline" (444 9/1 Grenier-CA)(Audette)(Huddleston-TX)(Italian & SS, 0043 Huffaker-MEXICO)  
 21570 1532 SRI: Nx, "Merry-Go-Round" (444 8/23 Zehr-NV)(Hall)(Whetzel)++++  
 21585 1819 SRI: OM World nx (333 8/24 Fournier-VA)(PP, 343 2255 Berkholtz)

UNION OF SOVIET SOCIALIST REPUBLICS

9560 2014 Radio Kiev: "Kiev Mailbag", Ukranian mx (232 8/23 Audette-MA)  
 9610 0333 Raddio Moscow: ex-11920 // 9685 (ex-12030) to ECNA w/ Vladimir Pozner. At @0400 9610 goes into World Service while 9685 goes into Russian pgm (444 9/8 Munster-GA)  
 11720 2300 RM: Nx, cmtrys, "Sidelights of Soviet Life" (454 8/14 Fraser-MA)  
 11735 0440 RK: EE OM, RR mx (343 9/8 Traver-CA)(Heyman)(Munster-GA)  
 2319 Radio Vilnius: Classical mx pgm, 2328\* // 15180/15275/15405/ and 17870 (343 8/24 Cereghin-MD)  
 11840 2010 RM World Service: OM World nx (444 Schroeder-WI)(Zehr-NV)++++  
 11880 2015 RK: Tlk on musical instrument restoration (333 Audette-MA)  
 12030 2345 RM: ID, literary review (444 8/13 Skora-ONT)  
 12050 0456 RM: Tlk on dangers of Atomic waste (454 8/21 Curnell-OR)  
 15240 1900 RMWS: Nx, @1905 ID, "Moscow Mailbag" (545 9/3 Raymond-MA)  
 15275 0420 Domestic Program: RR YL playing western records for Soviet listeners, ID @0430 (322 9/7 Traver-CA) Radiostansiya Rodina?  
 15435 0220 Radio Magallanes: SS Magallanes tape until 0230, then Moscow IS & ID followed by "Escucha Chile" (444 9/2 Huffaker-MEXICO)  
 15455 2240 RM: Balinka mx, folk mx (454 8/30 Smith-FL)  
 15500 1346 Radio Station Peace & Progress: OM ID, tlk on Russian & American relations w/ China (333 8/27 Heyman-NY)  
 15515 1315 P&P: ID, OM tlk on Chinese aggression (322 8/16 Hodsdon-MN)  
 15540 0500 MAYAK: RR OM/YL nx, mx (333 9/7 Traver-CA)  
 1303 RM: Nx, tlk on lengthy space exploration (433 8/22 Smith-FL)  
 15550 \*0330 Magallanes: SS ID, tlk on Chilean youth (544 8/1 Pettit-IA)  
 17795 1350 P&P: OM ID, tlk on Israeli govt. (232 McLean-NY)(Fournier-VA)  
 17860 0028 RK: IS, ID, nx, Olympic results, interview (333 8/3 Kopriya-CA)  
 17870 0034 RK: OM nx of Brezhnev's Alma Ata speech (444 8/31 Traver-CA)  
 1300 P&P: Nx, tlk on Chinese/Pakistani aggression (443 Smith-FL)  
 21490 0425 RM: Mx, YL ID, nx in brief (344 8/30 Heyman-NY)  
 21495 0600 RM: OM nx (444 8/17 O'Brien-AUSTRALIA)  
 21740 0530 RMWS: Soviet Pop & semi-classical mx, ID, 0600\* (534 Miller-CA)

\*\*\*NOTE: Many more USSR freqs were reported this month. Please check other sources for those not listed above.

VATICAN CITY STATE

6015 0107 Vatican Radio: Speech by Pope Jean-Paul II, // 9605 & 11845 FF @0115 (444 8/21 Cereghin-MD)  
 15120 \*2210 VR: YL ID, excerpts from Pope's Mass in Ireland (433 Audette)  
 17825 1504 VR: Cmtry on Pope Jean-Paul's talk (433 8/25 Fournier-VA)  
 17900 1605 VR: ID, OM/YL religious pgm, @1614\* (??? ?? ?????????-??)

YUGOSLAVIA

9620 \*2213 Radio Yugoslavia: IS, YL ID, freqs, nx (222 Huddleston-TX)  
 Italian pgm (433 8/13 Toia-ITALY)  
 15240 1525 RY: IS, YL ID & nx (222 Moman-ALB)(McLean) FF pgm (Hardeste<sup>CA</sup>)

UNIDENTIFIED

24460 2015 Slavic-sounding bits of talk; 6115 the most likely fundamental by far, but that is listed for Radio Free Europe Romanian and this was not // 15215 (8/30 Hauser-TN)

Well, that's the October issue. I had to omit a large number of non-English loggings in order to fit what is contained in these five pages.

*Ralph Samular* 9/14/80

# SWBC DX

## AFRICA



Editor: WAYNE OLIVER  
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### FEBIA

Seychelles

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

### Radio Television Kaduna

Hope everyone had a fine summer! By the looks of the number of loggings, seems everyone has returned in full force for the Fall DX season !!! Lot's of good logs this month, will probably have to cut a few common ones, will try to use all though...times/dates are GMT....frequencies are in kilohertz!!!

#### ALGERIA

15313 2110 Radio Algiers:YL w/AA mx pgm, FF/AA/EE ID (322 8/9 Cucura-PA)  
(Het noted against RN on 8/30 //21635 Hauser-TN)  
21635 2000 RA: EE nx by OM, YL ID (??? 8/22 Munster-GA)(Cohen)(Lindley)

#### ANGOLA

3375 0450 Radio Nacional: PP polt tlks, ID 0500 (433 7/5 Faccioli-URUGUAY)  
9535 1533 RN: Vern afro tlks, mx, mentions of Angola (343 8/12 Thompson-CA)

#### ASCENSION ISLAND

9580 0200 BBC-Atlantic Relay: TP's,TC, ID, nx (444 8/27 Thompson-NM)  
15105 1844 BBC: FF to Africa, pop mx (242 8/16 Traver-CA)  
15260 0042 BBC: EE mx comedy (433 8/8/ Berkholtz-MN)(Heyman-NY)(Lindley-AL)  
15400 0630 BBC: EE "Baker's Half Dozen" Musical pgm, nx (333 8/22 Dittrich)  
17880 1615 BBC: EE OM interview on hearing aids (444 8/31 Traver-CA)  
21660 1600 BBC: EE ID, world news (343 9/1 Huddleston-TX)

#### BENIN

4870 0543 ORTB:FF OM tlks, ID 0543 (233 8/19 Heyman-NY)(Faccioli)(Thompson CA)

#### BOTSWANA

4845 0351 Radio Botswana:IS, 0400 NA, EE ID (322 8/15 Faccioli)(Newton-GA)

#### CAMEROON

4000 0429 R.Bafoussam: FF s/on, ID,OM nx (322 9/5 Lowe-TN)(Lobdell)(Ditt-rich)  
4850 0504 R. Yaounde: EE ID, AM pgm (333 8/27 Huffaker-Mexico)  
(Thompson-CA)(Cereghin-MD)(Viau-QUEBEC)  
5010 0500 R. Garoua: EE/FF tlks,nx, ID (434 9/3 McLean-NY)(453 8/11 2232 Vern Viau-QUEBEC)(242 8/25 0500 FF tent. Flynn-CA)

#### CANARY ISLANDS

15365 2030 REE: IS till 2044 ID in SS (322 8/10 Cereghin-MD)

#### EGYPT

7225 0420 Radio Cairo: AA ID, chants, mx (434 8/16 Heyman-NY)  
9475 0314 RC: EE nx by YL, Palestine nx (454 8/16 Earhart-PA)(Kopriva-CA)(RJ Coleman-MA)(Schroeder-WI)(Heyman-NY)(Lindley-AL)  
9805 2327 RC: EE cmnty, mx, ID (444 8/30 Huffaker-MEXICO)  
12050 0307 RC: EE tlk on new stamp issues (433 8/10 Berkholtz-MN)(Whetzel-IN)(Sanderson-AZ)(Heyman-NY)(Lindley-AL)(Blaize-MEXICO)  
15475 1750 RC: AA chants, OM ID, mx (444 8/13 Heyman-NY)  
17920 1345 RC: EE ID, OM cmnty, mx (222 7/24 Hodson-MN)  
21670 1800\* RC: AA home service s/off (454 8/29 Palmer-WA)

By any chance if your logs don't appear this month....I have already had to cut 10 logs because they were illegible or missing info...please proofread!

#### EQUATORIAL GUINEA

4926 0510 Radio Ecuatorial: SS ID at 0515 (444 8/21 Huffaker-Mexico)  
5005v 0424 R. Ecuatorial: EZL mx, ID not clear (454 7/5 Earhart-PA)  
(Huffaker-Mexico)(Viau-Quebec)

GABON  
4777 2231 RTVG: FF ID's, afro vocals (343 8/19 Cereghin-MD)(Lowe-TN)  
(Newton-GA)(Cohen-PA)(Huffaker-Mexico)(Lentz-PA)(Fisher-MA)  
(McLean-NY)(Heyman-NY)

GHANA  
3350 0530 GBC 1: EE pop mx, Vern tlks (333 8/7 Faccioli-URUGUAY)  
4915 0605 GBC: EE OM nx, ID (433 8/23 Cohen-PA)(McLean-NY)(Heyman-NY)  
(Viau-QUEBEC)(Traver-CA)(Blaize-LA)(Oliver-NJ)

GUINEA  
9650 0622 Rdiff. Nationale: FF ID,nx at 0631 (243 8/18 Heyman-NY)(Faccioli)

IVORY COAST  
4940 2320 RTVI: FF class. mx, ID (433 8/24 Cohen-PA)(VIAU)(Lowe-TN)  
7215 0605 RTVI: FF nx by OM, mx 0606 (333 8/18 Heyman-NY)

LIBERIA  
3255 2310 ELBC: EE African nx, mx (433 8/29 Cohen-PA)(Cucura-PA)(Cereghin)  
4765 2231 ELWA: EE rlg cmnty, ID w/freq (222 8/29 Cohen-PA)(McLean)  
(Famularo-CA)(Newton-GA)  
11830 0655 ELWA: EE ID,IS at 0658 (333 8/11 Faccioli-Uruguay)  
11930 0620 ELWA: EE/vern ID's (333 8/19 Kopriva-CA)  
VOA reported on 7175/15329.7/17870/21660.....by 14 reporters.....

LIBYA  
11825 0122 SPLAJBC: OM w/AA nx, mx (544 8/21 Newton-GA)(Lobdell)(Oliver)  
(Huddleston-TX)  
17930 1650 SPLAJBC: Chants, instrumentals, AA Anns (444 8/23 Creamer-CO)

MADAGASCAR  
6020 1830 Radio Nederland: EE nx, "Newslines" (454 7/10 Faccioli)-  
15220 \*2030 RN:EE YL news (332 7/21 Earhart-PA)(Kopriva-CA)(Schroeder-WI)  
17810 1147 RN: Indonesian (listed) tlks, ID (232 8/18 Palmer-WA)  
21480 1450 RN: EE "The Monday Program" (354 8/25 Van Beurden-CA)  
21640 2143 RN: End of EE "Newslines" (333 8/15 Johnson)

MALAWI  
3380 0245 MBC: Vern tlks, clear channel reception (444 8/21 Creamer-CO)

MALI  
5995 0605 Radiodiffusion Nationale: FF nx by OM (432 7/17 Faccioli)

MAURITANIA  
4845 0558 RNM: IS, AA ID, chants (343 8/27 Huffaker-Mexico)(Cohen-PA)  
(Viau-Quebec)(Heyman-NY)(McLean-NY)

MOROCCO  
15245 0550 VOA: EE "Breakfast Show" (333 8/31 Maise-LA)  
15305 0430 VOA: Romanian (listed) ID, nx (343 8/19 Heyman-NY)  
21735 1755 RTVM: AA tlks, ID (343 8/13 Heyman-NY)(333 8/9 Lentz-PA)

MOZAMBIQUE  
3208.4T 0424 RCM: MX, some PP tlks (222 8/3 Moman-Alberta)  
4925 2149 RCM: Afro mx, PP ID, NA, s/off at 2202 (352 8/12 Viau)(Thompson)

NIGER  
5020 0551 ORTN: MX, IS, FF nx, ID (342 8/31 Huffaker-Mexico)

NIGERIA  
4990 0550 FRC-IAGOS: EE OM tlks, TC (232 9/6 Thompson-CA)(Lentz-PA)  
(Cereghin-MD)  
6050 2231 FRC-Ibadan: EE/vern news, programs (222 8/23 Dittrich-FL)  
(232 8/12 2250 EE/vern Cunningham-OH)  
7255 0507 Voice of Nigeria: Afro mx, EE YL announcements, "This is the  
West African Service of the Voice of Nigeria" (8/18 Kopriva)  
(333 9/3 0545 EE tlks on coal industry, to Waf (McLean-  
NY)  
15120 0600 Voice of Nigeria: EE "Music Panorama" ID, into "Retrospect"  
(322 8/15 Thompson-CA)(fair 8/19 2150 EE Lobdell-MA)  
(233 8/18 0615 EE Heyman-NY)

RWANDA

6055 0525 Radiodiffusion Nationale: FF/vern cmnty, ID in FF (322 8/12 Faccioli-Uruguay)  
 11965 0312 DW: SS nx items, ID at 0313 (444 8/28 Heyman-NY)  
 17765 1226 DW: EE (details???) (poor 8/23 Holland-NY)

SEYCHELLES

15325 1210 FEBA: IS,EE ID at 1214 (433 8/15 Faccioli-Uruguay)(T. Hall-CA)(Van Beurden-CA)  
 15400 \*0305 FEBA: Farsi s/on, into pgms (444 8/21 Newton-GA)(Skora-Ontario)(T. Hall-CA)(Lentz-PA)(Kopriva-CA)(Heyman-NY)(Lindley-AL)(Huddleston-TX)

SIERRA LEONE

5980 0650 SLBS: EE/vern pgms, local nx ,BBCWS nx, ID (344 8/1 Faccioli-Uruguay)(Cohen-PA)(Rocha-CA)(T. Hall-CA)(Palmer-WA)(Dittrich-FL)(Cereghin-MD)(Heyman-NY)(Huddleston-TX)(Oliver-VA)

SOUTH AFRICA

3250 0422 SABC: EE/Afr ads, mx (433 8/23 Cohen-PA)(443 8/28 0425 EE Rocha-CA)(333 8/3 0405 EE Moman-Alberta)(444 7/3 0525 Faccioli-Uruguay)  
 4810t 0513 RSA: Afrikaans tlks, Dixieland jazz (433 8/2 Blaize-IA)  
 4835 0421 SABC: EE tlks w/government official (222 8/22 Cereghin-MD)  
 4880 0349 SABC: EE ID, tlks (433 8/26 Huffaker-Mexico)  
 4990 0400 RSA: EE nx (333 9/2 Nebron-CA)(433 8/26 0404 EE Huffaker-Mexico)(222 8/9 0307 EE Moman-Alberta)(333 8/9 0404 EE Heyman)  
 5980 0222 RSA: Tlks in EE on psychiatric care (323 Kanny-NY)(443 7/22 0208 EE Earhart-PA)(444 9/2 0220 EE Van Beurden-CA)(422 8/20 0200 EE Lindley-AL)(444 8/24 0158 EE Thompson-NM)  
 7270 1452 RSA: IS noted, via Long Path reception, under R. Malaysia Sarawak, steady but weak signal (222 8/17 Hardester-CA)  
 9560 0526 RSA: Afrikaans classical mx pgm (333 9/7 Traver-CA)  
 9585 0215 RSA:S/on at 0157 w/NA, IS, nx (544 8/14 Skora-Ontario)(444 9/3 0215 EE Berkholtz-MN)(343 8/11 1531 Lozi Thompson-CA)(422 8/17 0200 EE Kopriva-CA)(555 9/3 0240 EE Mappin-WA)  
 9610 0200 RSA: EE nx, "Saturday Night RSA" (433 8/3 Kopriva-CA)(545 9/4 2106 EE Johnson-IL)  
 11790 0545 RSA: EE nx about elephants (433 8/27 Valentine -CA)(Oliver-VA)  
 11900 0238 RSA: EE "Saturday Night RSA" (433 8/17 Berkholtz-MN)(322 8/18 0155 EE Lindley-AL)(534 9/8 0159 EE Somers-CA)  
 15220 0604 RSA: EE nx, moderate QRM (433 8/9 Berkholtz-MN)  
 21535 1555 RSA: OM ID in EE into Swahili (343 8/10 Berkholtz-MN)(353 8/2 1730 Dutch EARHART-PA)(333 9/1 1530 EE Maise-IA)(444 8/17 0600 EE O'Brien-Australia)(434 8/12 1758 GG Johnson-IL)  
 25790 1426 RSA: EE OM tlks //21535/15220 (333 8/29 T. Hall-CA)(232 8/13 1500 EE Sershon-IL)

SWAZILAND

3223t 0240 Swazi Comm. Radio: EE+, 3 note IS, Ads, no ID (252 8/6 Flynn)  
 3240 0349 TWR: Bell IS, EE ID, rlg pgms (322 8/3 Moman-Alberta)  
 5055 0400\* TWR: EE s/off (233 9/2 Nebron-CA)  
 6155 0537 SCR: PP Ads, ID's at 0500 (323v 8/20 Faccioli-Uruguay)

TANZANIA

3339t 0408 Radio Zanzibar: ??? lang, very weak (111 8/3 Moman-Alberta)  
 4785 0400 Radio Tanzania: Swahili ID, pgms (333 8/8 Faccioli)(Huffaker)

TOGO

5047 0525 RTT: FF S/on, ID, NA (322 8/3 Moman-Alberta)(Huffaker)(Newton)(Blaize)(Traver-CA)(McLean-NY)(Heyman-NY)(Pettit-IA)

TUNISIA

7225 0405 RTVT: AA chants, mx //11970/15225 (433 8/28 Cucura-PA)

UGANDA

15325 0300 Radio Uganda: EE ID, afro mx, nx, poor audio (433 9/1 Sershon)

Upper Volta

4815 2244 RTVT: FF OM tlks, ID's (222 8/28 Cohen-PA)

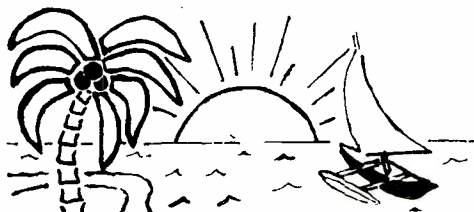


# ASIA-OCEANIA

## NEW EDITOR:

TOM SCOTT  
221 North 12th  
Fairview, OK 73737

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



## ASIA

### AFGHANISTAN

- 17745 1910 R. Afghanistan: EE OM w/ nx to 1912, vocalist mx, cmty, AA mx, QSB (232 8/31 Audette-MA)  
19637 1828 RA: Pushto or Dari domestic svce; supposedly this is a feeder from Kabul to the Soviet sites which have been relaying the RA DX back to Afghanistan for several months (8/30 Hauser-TN)

### BURMA

- 4725 1214 BBS: Lang. w/ OM/YL tlk, chants (353 9/2 Howell-CA)

### CHINA

- 2340 1229 Fuzhou: CC YL/OM tlk, ID @ 1230, CC mx (222 9/1 Palmer-WA)  
2476 1240 Hangzhou: CC tlk by OM (252 8/18 Howell-CA)  
3360 1255 CPBS: CC opera, UTE QRM, to Taiwan (422 9/1 Palmer-WA)  
3400 1245 FFS 2: CC magical play, folk mx, OM/YL tlk (333 8/22 Famularo-CA)(Palmer-WA)  
4045 1200 FFS 1: CC tlk by OM/YL, vocals, choral singing (353 9/1 Thompson-NM)  
4940 2215 Xining: CC OM/YL tlks (333 8/17 Howell-CA)  
5145 1245 R. Peking: CC w/ choral mx (332 8/17 Zilmer-NM)  
5240 1230 FFS 1: CC w/ YL tlk, mx, // 5265, 5900, 7850, 6763 (343 8/28 Zilmer-NM)  
5261 \*0955 Xizang: CC/Tibetan carrier, "East is Red" IS @ 0958, YL ID, OM tlk in Tibetan (242 8/13 Howell-CA)  
5880 1220 Beijing 1: CC chorus, vocals, YL/OM tlk, // 6750, 6665 (333 8/23 Zilmer-NM)  
5900 1200 FFS 1: CC tlk, mx, local vocals (343 8/22 Zilmer-NM)  
5960t 1233 Kunming: CC DS w/ CC mx, rock-type mx @ 1257, no break @ 1300, nx by YL @ 1330 (333 8/18 Palmer-WA)  
5975 1138 RP: KK w/ OM/YL tlk, classical mx (454 8/18 Palmer-WA)  
6665 1405 Beijing 1: CC mx, YL annrc, nx by OM, 12 // 's heard (343 8/18 Palmer-WA)  
9020 1200 Beijing 2: CC drama or play, // 11040, 11505, 11575 (333 8/25 Zilmer-NM)  
9064 1230 Beijing 1: CC IS, YL w/ pgm, organ mx (333 9/3 Palmer-WA)(Zilmer-NM)  
9080 1230 Beijing 1: CC OM/YL tlk, chorus, vocals (343 8/26 Zilmer-NM)  
9470 1130 RP: Lang. w/ CC mx (8/17 Holland-NY)  
9775 1457 Beijing 2: CC YL annrc w/ pgm of CC songs, // 11505, 8320, 7770 (433 9/2 T. Hall-CA)  
9860 1858 RP: FF OM w/ pgm of CC mx & songs (343 8/16 Smith-CA)  
9900 1516 RP: Nepali w/ 2 OM's, nx, CC mx, to SEA, // 11675 (232 8/18 Palmer-WA)  
9920 1921 RP: AA w/ CC mx, IS/ID @ 1930, OM w/ nx (343 8/16 Smith-CA)(Palmer-WA)  
10245 1300 RP: CC w/ classical/march mx (343 8/27 Zilmer-NM)  
11000 1446 RP: Turkish pgm w/ ME style mx, YL ID's, // 15520 (444 9/2 T. Hall-CA)  
11040 1428 Beijing 2: Kazakh to China, Asian mx, off abruptly @ 1456, nx?, // 11375 (444 8/18 Palmer-WA)(Zilmer-NM)  
11290 1100 Beijing 1: CC OM/YL tlk, vocal mx (232 8/26 Zilmer-NM)  
11330 1100 Beijing 1: CC w/ OM/YL tlk, mx (343 8/26 Zilmer-NM)  
11375 1454 RP: KK pgm of songs, YL ID @ 1455, // 11040 (444 9/2 T. Hall-CA)  
11445 1443 RP: Tagalog ID's by YL, cmty (343 9/2 T. Hall-CA)  
11505 1424 Beijing 2: CC OM/YL w/ tlk, mx (322 8/18 Palmer-WA)  
11600 2119 RP: EE w/ OM/YL tlk, folk story, mx, ID's, 2125\* (232 9/1 Audette-MA)(Fournier)  
11610 1501 Beijing 1: CC OM/YL w/ nx (343 9/2 T. Hall-CA)(Zilmer-NM)  
11650 1512 RP: EE/YL w/ cmty on the CC Constitution, to SEA (322 8/31 Palmer-WA)  
15100 1740 RP: CC YL w/ classical mx, CC mx to 1757\* (444 8/22 Thompson-CA)  
15120 1606 RP: EE YL w/ wild. nx, CC mx, ID (333 8/13 Rocha-CA)(Smith-FL)(Picarelli-CA)  
15165 1500 RP: EE ID, nx by YL, cmty on the USSR, CC mx, "Listener's Letterbox", to SEA (333 8/3 Kopriva-CA)  
15520 1226 RP: EE pgm on culture in CC (333 8/15 Newton-CA)(Cuppy-IND)(Smith-FL)

## RADIO AFGHANISTAN



CHINA (continued)

15550 0506 RP: CC w/ YL/OM tlk, drama? (242 9/7 Smith-CA)  
 15790 1510 VO Malayab Rev.: EE nx by YL, mx @ 1516, ID (222 8/13 Heyman-NY)(Lucas-CA)  
 (T. Hall-CA)(Van Beurden-CA)(Lentz-PA)  
 17650 1338 RP: CC tlk by YL, classical mx, OM tlk (333 8/20 Smith-FL)  
 17680 0100 RP: EE nx by YL (444 9/5 Davis-KY)(Stone-ONT)  
 17855 0100 RP: EE IS, ID, nx on sugar production (433 8/21 Davenport-IN)(Smith-CA)  
 (Smith-FL)(Worman-WI)(McLean-NY)(Heyman-NY)



CYPRUS

~~18695~~ 2210 CBC: Greek IS to 2215, mx, tlk, 2244\* (322 8/10 Pettit-IA)  
 15420 2310 BBC relay: EE nx, cmt, "World Radio Club" pgm, co-channel QRM (433 9/3  
 Blaize-MEXICO)(Dittrich-FL)(Newton-GA)(Heyman-NY)

INDIA  
 11620 2200 AIR: EE ID, nx, YL w/ interview (353 8/17 Gonzalez-NY)(Newton-GA)(YaJko-PA)  
 15350 1050 AIR: EE wld. nx by YL, ID, 1100\* w/ freq. info (444 8/16 Faccioli-URUGUAY)

INDONESIA

3000t 1152 RKPDT1 Jawa Timur: Indo? w/ ments of "Jawa", OM annor drum mx (fair 8/11  
 Moman-ALB)  
 3155t 1250 RKPDT2 Sampang: Indo? w/ OM tlk, bad QSB (242 9/1 Howell-CA)  
 3205t 1130 RRI Bandung: Indo w/ South Seas mx, tlk, no ID hrd. (322 8/20 Blaize-LA)  
 3215t 1140 RRI Manado: Indo tlk, pop mx, QSB (322 8/20 Blaize-LA)  
 3346t 1343 RRI Pontianak: Indo w/ OM annor, vocal mx, ID?, nx @ 1400, // 3995 (343  
 8/17 Hardester-CA)  
 3427 1109 RRI Manokwar: Indo OM w/ Jayapura nx, cmt, (342 9/1 Howell-CA)  
 3445t 1253 RRI Sorong: Indo local mx, r/out before ID hrd. (342 8/19 Howell-CA)  
 4000 1315 RRI Kendari: Indo OM/YL annors, interview. mx, no "Kendari" hrd. (322 8/6  
 Flynn-CA)  
 4003 1305 RRI Padang: Indo w/ slow-speaking YL to 1313, believe is relay of Nusantara 1  
 to Sumatra (322 9/1 Palmer-WA)  
 4719 1230 RRI Ujung Pandang: Indo tlk by OM/YL, vocals (343 9/1 Thompson-NM)(Palmer)  
 4845 1045 RRI Ambon: Indo w/ YL annor to 1100, ID by OM, tlk, bells @ 1059, presumed  
 ID w/ only "Republik Ind..." hrd., mx varied (322 8/13 Hardester-CA)(Palmer)  
 4875 1320 RRI Sorong: Indo OM w/ nx pgm, // 4719, 4845 (433 8/16 Palmer-WA)(Howell-CA)  
 4885 1223 RRI Bukittinggi: Indo tlks by OM, vocals (242 9/2 Howell-CA)  
 11790 1458 VOI: EE w/ MOR mx, terrible net. & distortion (322 7/26 Moman-ALB)(Heyman)  
 15200 1440 VOI: BE "All About Indonesia" pgm, folk mx, // 11790 (433 8/25 Van Beurden-CA)  
 (Grenier-CA)(Zilmer-NM)

IRAN

9022 0219 VOIRI: Lang. w/ OM tlk, AA mx (544 8/20 Newton-GA)(Thompson-NM)(Palmer-WA)  
 15084 2238 VOIRI: Farsi w/ OM tlk, nx?, ID, excellent reception (544 8/10 Heyman-NY)  
 (Holland-NY)(Newton-GA)(Raymond-MA)(Curnell-OR)

IRAQ

7180t 0515 Voice of the Masses: AA w/ slow chants, ID, dogmatic-sounding OM tlk, slight  
 ARO QRM (444 8/27 Famularo-CA)  
 9745 2220 R. Baghdad: EE tlk by YL, mx closing ancmt w/ freqs. & QTH, anthem, 2228\*  
 (455 8/18 Toia-ITALY)(Maise-LA)(Skora-ONT)



● רשות השידור

ISRAEL

9815 0230 IBA: SS w/ YL ID, nx, cmt, 0255\* (554 7/1 Lecuona-ARGENTINA)(Audette-MA)  
 (Heyman-NY)(Johnson-IL)(Thompson-NM)  
 11610 \*1900 IBA: EE ID, freqs. given, wld. nx, "C.A.L." (343 8/31 Audette-MA)  
 11637 0010 IBA: EE OM/YL tlk on water & agriculture, ID (545 8/2 Schroeder-WI)(Cohen-PA)  
 O'Brien-AUS)(Newton-GA)(Zehr-NV)(Cereghin-MD)(YaJko-PA)(Smith-CA)(Farmer-TN)  
 11655 2300 IBA: EE nx pgm & "TGIF" w/ YL annor (545 8/29 Davis-KY)(Munster-GA)  
 15105 0414 IBA: EE nx, sports, wx by YL, ID, freq. info, into FF (544 8/30 Heyman-NY)  
 15200 \*0300 IBA: Hebreu s/on, RR jamming @ 0400 (555 to 0400, 9/1 Levin-NJ)(Smith-CA)  
 15584 0007 IBA: EE nx by OM, ID, "Forum" w/ interview (444 8/28 Curnell-OR)(Miller-CA)  
 (Cereghin-MD)(Somers-CA)(Smith-CA)(Worman-WI)(Smith-FL)(Berkholtz-MN)(Lindley)  
 17630 0447 IBA: Hebreu mx, OM ID, many ads, nx by YL (344 8/29 Heyman-NY)(Palmer-WA)(444  
 Levin-NJ)  
 17685 0405 IBA: EE YL w/ wld. nx, ID, QSB (242 9/1 Audette-MA)  
 17815 1922 IBA: EE "C.A.L.", nx @ 1927 by OM (444 8/24 Fournier-VA)(Audette-MA)  
 21495 2138 IBA: EE YL/OM w/ nx, "Israel Mosaic" (232 9/1 Audette-MA)  
 21675 1906 IBA: EE nx, // 17815, 11610 (444 8/26 Fournier-VA)  
 21710 0015 IBA: EE OM/YL annors w/ "DX Corner", 0025\* (333 8/18 Lindley-AL)(Cereghin-MD)  
 (O'Brien-AUS)(Berkholtz-MN)(Kopriva-CA)(Lecuona-ARGENTINA)

JAPAN:

3607 1119 NHK Hiroshima: JJ w/ OM/YL tlks (333 9/1 Howell-CA)  
 3910 1135 FEN: EE OM anncr, mx (333 9/7 Lecuona-ARGENTINA)  
 3925 1217 NSB: JJ 2 OM's w/ sports pgm (444 8/31 T. Hall-CA)  
 6155 0926 FEN: EE OM w/ sports report (233 8/24 T. Hall-CA)  
 9505 1810 R. Japan: EE OM anncr w/ wld. nx, cmty on windmills (344 8/16 Lindley-AL)  
 (Blaize-MEXICO)(Clark-KS)(Huddleston-TX)(Whetzel-IN)(Van Beurden-CA)  
 9595 1355 NSB: JJ tlk by OM/YL w/ some lite mx, ads for Honda and Japan Airlines, ID  
 (353 8/27 Donly-SC)(Pettit-IA)(Heyman-NY)  
 9675 1100 RJ: EE w/ "Tokyo Chilling", DX nx (544 8/17 Miller-CA)  
 9760 0605 NSB: JJ tlk by OM (333 8/17 Palmer-WA)  
 11815 \*1200 RJ: EE OM/YL w/ ID's, freqs. given, nx by OM (143 8/13 Heyman-NY)(Smith-CA)  
 11855 1921 RJ: RR? w/ YL tlk, mx (242 8/31 Smith-CA)  
 15270 2004 RJ: EE ID, OM w/ Asian nx (333 8/2 Hodsdon-MN)(Smith-CA)(McLean-NY)(Pettit-IA)  
 (Berkholtz-MN)(Kopriva-CA)(Van Beurden-CA)  
 15310 1608 RJ: EE w/ end of nx, ID, cmty (333 8/19 Newton-GA)(Somers-CA)(Heyman-NY)  
 15430 0707 RJ: EE wld. nx, cmty (444 6/39 Kerrigan-IL)  
 17755 2300 RJ: EE IS, ID, nx (322 8/12 Huddleston-TX)(Zehr-NV)(Lindley-AL)(Smith-CA)  
 17810 1105 RJ: EE OM w/ wld. nx, ID's, cmty (232 8/23 Audette-MA)(Miller-CA)  
 17825 0215 RJ: EE w/ "One in a Hundred Million" (555 8/12 Van Beurden-CA)(Kannry-NY)

**Tokyo Report**JORDAN

7155t 2258 HKBS: AA song, pips, possible ID, nx, 2330\*, under ARO's (222 8/19 Dittrich)  
 (Newton-GA)  
 11920 0435 HKBS: AA tlk by YL/OM, AA folk mx, ID, time pips, nx by YL (242 Donly-SC)

KAMPUCHEA

9695 1200 VOKP: EE anthem, ID/freqs. by YL, severe QRM (322 8/25 Van Beurden-CA)(Moman)

DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA

2671 1235 KCBS Sariwon: KK tlk by OM (252 8/18 Howell-CA) P. O. Box 909  
 2766 1230 KCBS: KK tlk by OM, // 2850 (232 8/18 Howell-CA) Amman-Jordan  
 2850 1235 KCBS: KK tlk by OM (333 9/1 Palmer-WA)(Thompson-NM)  
 3187 2254 UNID: KK w/ tlk, very strong, chanting (343 9/1 Howell-CA)  
 3320 1248 RP: KK w/ OM/YL tlk, KK mx, relay of KCBS HS (333 9/1 Palmer-WA)  
 3560 1221 RP: CC w/ cmty by OM (232 8/31 T. Hall-CA)  
 6539 1433 UNID: KK w/ tlks by YL (253 8/17 Hardester-CA) I would guess RP Mike.....jwm  
 9420 1220 RP: SS w/ many ID's, tlk, vocal mx, tlk on KK (454 9/2 Thompson-NM)(Van Beurden)  
 9977 1302 RP: EE ID, OM tlk, freqs. given, nx (222 8/16 Hodsdon-MN)(Leeman-RI)(Heyman-NY)  
 (Kopriva-CA)(Thompson-NM)(Zehr-NV)(Bickel-CA)(T. Hall-CA)  
 11350 1502 KCBS: KK OM w/ nx (444 8/31 Palmer-WA)  
 11895 1550 RP: EE tlk on KK workers and nationalized industries (344 8/10 Famularo-CA)

REPUBLIC OF KOREA

3930 1238 KBS: KK OM/YL tlk, no mx, ARO QRM (322 9/1 Palmer-WA)  
 7275 0937 RK: SS YL w/ weekly nx review, march mx (233 8/24 T. Hall-CA)  
 9570 1047 RK: EE YL cmty abt. mx and the theater (343 8/25 Farmer-TN)(Clark-KS)(Curnell)  
 9870 0800 RK: EE YL anncr w/ nx, political tlk (455 8/24 Creamer-CO)  
 9720 1600 RK: EE ID's, mx, nx, tlk on KK people (454 8/14 Thompson-NM)  
 11725 1050 RK: EE nx, new Constitution proposals (444 8/8 RJ Coleman-MA)(T. Hall-CA)  
 11830 1332 RK: EE nx, mx breaks, ID's (443 9/1 Huffaker-MEXICO)(McLean-NY)(Schroeder-WI)  
 (Curnell-OR)(Thompson-CA)(Gaede-CA)(Grenier-CA)(Van Beurden-CA)(Kopriva-CA)  
 15570 1955 RK: EE ID. nx by OM, freqs. pgm sked, IS, FF @ 2100 (222 8/2 Hodsdon-MN)(444  
 Coleman-MA)(Miller-CA)(Curnell-OR)(Grenier-CA)(McLean-NY)(Whetzel-IN)(Smith-FL)

KUWAIT

11665 \*1800 R. Kuwait: EE YL w/ ID, listeners greetings (422 8/15 McLean-NY)(Newton-GA)  
 21545 0518 RK: EE w/ Western pop mx (444 8/17 O'Brien-AUS)(Howell-CA)  
 21685 1420 RK: AA w/ AA mx, OM/YL singing, clear signal (454 8/16 Farmer-TN)

LAOS

6130 1224 Vientiane: Lao cmty on the "imperialistic" old regime, wx report, ID (443  
 9/1 Rocha-CA)

LEBANON

11890 2320 R. Lebanon: PF/AA pgm of lite and Latin mx, ID & s/off of PP svce. @ 2334,  
 to AA svce. (333 8/28 Donly-SC)  
 15170 0131 RL: FF anthem, s/on by YL, nx, lite mx, s/off w/ FF @ 0159, new freq. for  
 NAM (444 9/8 Donly-SC)  
 15375 \*0230 RL: EE YL w/ nx, mx to 0258, ID, into SS pgm (322 8/16 Cohen-PA)(Lindley-AL)  
 (Huffaker-MEXICO)(Blaize-MEXICO)(Flynn-CA)(Brown-WA)(McLean-NY)(Bickel-CA)



MALAYSIA (Peninsular)

9515 1300 RTM Kuala Lumpur: BM YL/OM tlk, some modern pop mx, // 9665 (433 8/21 Zilmer)  
11900 1205 V. of Malaysia: Mandarin YL w/ tlk, 1230\* (444 7/16 Lecuona-ARGENTINA)  
15295 0823 WOM: EE YL w/ organ mx, local TC's, nx by OM, pop mx (232 8/31 Cucura-PA)  
(Cohen-PA)(Toia-ITALY)(Lentz-PA)

Sarawak

4835 1330 RTMS Kuching: Lang. w/ ID by OM, mx w/ YL anncr (433 9/1 Grenier-CA)  
4895 1312 RTMSK: Lang. w/ native mx, ID, short ancmnt in Malay, then back into native  
dialect (333 8/19 Palmer-WA)(Thompson-NM)  
4950 1430 RTMSK: EE OM w/ local nx to 1438, lite mx pgm (354 8/31 Van Beurden-CA)(433  
Palmer-WA)(Thompson-NM)(Zilmer-NM)  
5030 1318 RTMSK: Lang. w/ song by Barry Manilow, OM w/ ID, nx (333 8/30 Palmer-WA)  
7160 1203 RTMSK: EE w/ soft mx pgm, YL w/ discussion, ID @ 1215 (444 8/14 Rocha-CA)  
9605 1450 RTMSK: EE nx, ID, mx, freq. sked (322 8/21 Zilmer-NM)

MONGOLIA

4995 1150 UBRF1: Mongolian HS to 1200 then relay of RM's Mongolian svce, RM IS, began  
own pgm @ 1245q // 4762 (322 8/19 Palmer-WA) EXCELLENT!!!!!!.....jwm  
6383 \*1221 R. Ulan Bator: EE IS, anthem, OM/YL w/ nx?, nothing on 12070, CW QRM (211  
8/16 Palmer-WA)

NEPAL

3425 1245 R. Nepal: Nepali local mx, OM anncr (343 9/2 Howell-CA)(O'Brien-AUS)

PAKISTAN

6210 0839 PBC Quetta: Urdu? OM/YL tlk, long pauses, SSB QRM (232 8/16 Howell-CA)  
11680 1700 R. Pakistan: EE nx, cmty by OM, ID, pgm of folk mx (242 9/7 Donly-SC)  
15485 1710 RP: EE replaces 15470 w/ nx by OM to 1715, ID/beam given, cmty, Islamic mx  
(454 8/28 Palmer-WA)  
17660 2220 RP: EE mx featuring coronet solos, TC (222 8/16 Creamer-CO)  
17830 0043 RP: Lang. w/ ID by OM, chants (444 8/16 O'Brien-AUS)  
17910 1600 RP: EE nx after IS, ID, // 21755, 21485 (252 8/21 Zilmer-NM)(Miller-CA)  
21485 1609 RP: EE OM w/ slo-speed nx, ID, 1615\* (232 8/31 Audette-MA)(Donly-SC)(Zilmer)  
21590 0230 RP: EE YL ID, freqs. given, nx items, very weak (142 8/31 Heyman-NY)(O'Brien)  
21605 1630 RP: Turkish IS @ 1625, chanting style vocals, Tlk (222 9/2 Zilmer-NM)  
21755 1611 RP: EE nx, ID, s/off (343 8/22 Smith-FL)(Fournier-VA)(Whetzel-IN)

OMAN

17770 1303 BBC relay: EE nx, tlk on Poland, Review of British Press (232 8/22 Dittrich-FL)

PHILIPPINES

9580 1010 R. Pilipinas: EE w/ "Philippine News" pgm, poor modulation (454 8/25 Van  
Beurden-CA)(Miller-CA)(Zilmer-NM)  
9605 1430 RVA: EE IS, ID, freq./pgm sked, story, mx, nx, // 11955 (232 8/28 Zilmer-NM)  
9615 0940 RVA: KK tlk by YL, under KGEL, concert mx (333 8/10 Miller-CA)  
11775 0930 RVA: KK tlk by YL, good signal always (454 8/19 Miller-CA)  
11855 \*1000 FEBC: Lang. w/ IS, YL ID, into mx, OM tlk (333 8/31 Heyman-NY)  
11890 0835 FEBC: EE OM w/ nx, ID, "Operation Friendship" (232 8/13 Cucura-PA)(Skora-ONT)  
11955 1430 RVA: EE TC @ 1430, ID, story, cmty, nx @ 1449, mx (343 8/21 Kopriva-CA)(444  
T. Hall-CA)(Zilmer-NM)  
15160 1312 VOA relay: EE "New Products" w/ OM anncr, ID (232 8/24 Audette-MA)  
15180 1600 VOA relay: EE w/ pgm on wordsand their origins (333 8/10 Cereghin-MD)  
15385 1630 FEBC: CC/EE YL w/ CC tlk, EZL mx to 1645, OM w/ CC ancmnt, mx, ID in EE @ 1647\*  
(222 8/12 McLean-NY)(Heyman-NY)(Hodsdon-MN)  
17785 0302 RVA: EE ID, mx pgm, nx (544 8/14 Miller-CA)  
17810 0011 FEBC: EE OM w/ sermon, hymns (343 8/31 Smith-CA)(O'Brien-AUS)



SAUDI ARABIA

25060 2232 BSKSA: AA nx by OM, OM ID @ 2235, more nx (434 8/10 Heyman-NY)(Newton-CA)  
21600 2244 BSKSA: AA slow chants w/ flute, OM ancmts (152 8/17 Famularo-CA)(Audette-MA)

SINGAPORE

3915 1340 BBC relay: Lang./Burmese to 1344, OM w/ EE ID then: "Next lang. is Burmese."  
(332 8/19 Lucas-CA)  
5052 1323 R. Singapore: EE YL anncr w/ mx pgm, nx @ 1330 by OM (434 8/30 Palmer-WA)(322  
Zilmer-NM)  
11750 0940 BBC relay: EE w/ pgmning details (excellent 8/11 Holland-NY)  
11940 1527 RS: EE YL w/ mx, local TC, OM ID, nx (333 8/18 Thompson-CA)(Curnell-OR)(444  
Huffaker-MEXICO)(Van Beurden-CA)(Kopriva-CA)  
11955 0732 BBC relay: EE w/ "Country Style" mx pgm (333 8/4 Whetzel-IN)  
15200 1640 RS: EE pgm of lite mx, s/off w/ "Billboard" for next tx (322 8/26 Donly-SC)

SRI LANKA

9720 \*1229 SLBC: EE w/ drum IS, 6 time pips, ID, EZL vocal mx, QRN (232 8/11 Cunningham-OH)  
 11835 1146 SLBC: EE OM w/ rel. tlk, mx (322 9/2 Howell-CA)(Audette-MA)(RJ Coleman-MA)  
 15120 1130 SLBC: EE mx, YL ID, freqs. given, 1132\* (252 8/25 Ortega-CA)(Faccioli)

TAIWAN

3230 1305 BCC: CC w/ tlks, brief band mx, ments of Taipei, f/out by 1320 (232 8/20 Famularo-CA)  
 5980 1130 V. of Asia: EE w/ many ID's, nx, modern/local mx (333 9/1 Zilmer-NM)  
 11745 \*0858 VOFC: CC IS, ID's, OM w/ CC mx, YL nx (343 8/30 Palmer-WA)  
 11860t\*0857 VOFC: CC IS, ID, anthem, OM/YL w/ CC mx, fits WRTH sked '80 for Amoy dialect (322 8/16 Palmer-WA)  
 15270 2157 VOFC: EE w/ OM cmtly on U.S. politics (444 8/9 Brown-WA)(Bickel-CA)(Smith-CA)(Kopriva-CA)(Famularo-CA)(Van Beurden-CA)

**ANKARA**THAILAND

11905 1235 R. Thailand: Cambodian YL w/ Asian mx, QRM de RM (444 7/16 Lecuona-ARGENTINA)

TURKEY

7215 2153 VOT: EE IS to 2200, sked given, into nx, ARO QRM (222 8/14 Cereghin-MD)  
 11885 2110 VOT: EE OM w/ "DX Corner", overmodulated (444 8/16 Newton-CA)(Heyman-NY)(343 Raymond-MA)(Lecuona-ARGENTINA)  
 15250 2218 VOT: EE YL/OM tlk on Turkish folk dancing, // 15360, 9515, 7215 (222 9/1 Audette-MA)(Fournier-VA)  
 15360 \*2200 VOT: EE IS, OM ID, freqs. given, YL nx (322 8/24 Ortega-CA)(Heyman-NY)(445 Hohnson-IL)(Fraser-MA)(Kopriva-CA)(Fournier-VA)(Kerrigan-IL)  
 15405 0428 VOT: Turkish? w/ ME mx, YL ID, co-channel QRM de RM/FEEA (333v 8/20 Famularo)

UNION OF SOVIET SOCIALIST REPUBLICS

4030 0932 RM/Anadyr: RR relay of RM 1A to FE, RR mx, OM/YL tlk (333 8/16 Palmer-WA)  
 4040 1155 Mayak/Vladivostok: RR w/ Mayak IS, nx pgm, // 5015 (343 8/16 Palmer-WA)  
 4485 1100 RTO/Petropavlovsk: RR time pips, OM ID, lite mx, tlk (354 8/25 Van Beurden-CA)  
 4610 1210 RM/Khabarovsk: RR w/ lite mx, OM ancmts (354 8/24 Van Beurden-CA)  
 5015 1209 RTO/Vladivostok: RR tlk by OM/YL, some mx (444 8/20 Bickel-CA)(Van Beurden)  
 5940 0835 RTO/Magadan: RR lite mx, tlk, // 7320 (354 8/9 Van Beurden-CA)  
 7200 1225 RM/Yakutsk: RR w/ soap opera type pgm (454 8/24 Van Beurden-CA)  
 7320 0852 RTO/Magadan: RR classical mx (444 8/30 Palmer-WA)(Van Beurden-CA)  
 9500 0608 RTO/Magadan: RR OM w/ telephone interviews, ancmts (333 8/17 Palmer-WA)  
 9590 0610 RM/Khabarovsk: EE OM w/ nx items (322 9/6 Smith-CA)  
 9600 0613 RM/Okhotsk: RR tlk by 2 OM's (444 9/6 Smith-CA)  
 9620 0822 RM/Vladivostok: RR w/ drama, // 9600 (444 8/30 Palmer-WA)  
 9655 1329 RM/Komsomolsk: EE "DX Pgm", OM ID, nx @ 1330 (444 8/31 T. Hall-CA)  
 9810 1331 Mayak/Khabarovsk: OM/YL w/ nx, varied mx (454 9/4 Palmer-WA)  
 11810 1909 RM/Komsomolsk: RR OM/YL tlk, interview? (333 8/31 Smith-CA)  
 11990 1426 Mayak/Vladivostok: RR mx, YL nx, great signal (544 8/16 Palmer-WA)(Smith-CA)  
 12030 1500 RM/Petropavlovsk: EE ID, IS, YL nx (322 7/24 Hodsdon-MN)(Palmer-WA)  
 15265 0407 RM/Kenga: EE OM/YL tlk on workers wages (343 9/7 Smith-CA)  
 15405 0438 RM/Khabarovsk: EE OM anner w/ interviews (322 9/7 Smith-CA)  
 15425 2140 RM/Petropavlovsk: EE w/ chorus, ancmts (444 8/28 Mappin-WA)(Plotnick-CT)  
 21530 0230 RMWS/Irkutsk: EE YL nx, pop ms pgm ID (252 8/26 Huddleston-TX)(Flynn-CA)

Armenian S. S. R.

15180 0355 R. Yerevan: EE OM w/ nx, ID, 0358\* (343 8/23 McLean-NY)(Huffaker-MEXICO)  
 17870 0352 RY: EE/Armen.: ID by OM, pgm summary, freqs., QTH (454 8/23 Curnell-OR)(244 Heyman-NY)(McLean-NY)

**MOCKBO**Uzbek S. S. R.

11785 1210 R. Tashkent: EE Asian mx, ID, cmtly (222 8/23 Audette-MA)  
 15460 1222 RT: EE "DX Club" pgm, unstable signal (232 8/10 Cereghin-MD)

UNITED ARAB EMIRATES

17775 0125 RCTV Dubai: EE ID by OM, mx pgm (444 8/9 Lindley-AL)  
 21700 0305 RCTV Dubai: EE pgm w/ request for listeners reports (444 6/20 Plotnick-CT)(Lobdell-MA)(Cunningham-OH)(Hauser-IN)

VIETNAM

5601t 1209 Hoang Lien Son: Lang. OM/YL tlk, SEA mx (522 9/1 Howell-CA)  
 6330t 1200 Son La: Lang. w/ OM tlk, CC mx, weak signal (222 9/1 Howell-CA)  
 10040 1546 VOV: EE YL cmtly on Thailand, mx (222 9/5 T. Hall-CA)(Cohen-PA)(Lecuona)  
 10060 1100 Hanoi 1: Viet. w/ time pips, ID, ments of Vietnam and Hanoi (344 8/22 Lentz-PA)(Palmer-WA)

Vietnam (continued)

- 10080 1124 VOV: EE OM ID, rec. reports read, 1128\* (352 8/24 Ortega-CA)(Zilmer-NM)(333 Greenwood-PA)  
 12030 1150 VOV: EE YL w/ mx of Cambodia and SEA, native mx, // 10080 (333 8/7 RJ Coleman-MA)(Zilmer-NM)  
 15012 1842 VOV: EE YL w/ Viet. mx, into FF @ 1900 (444 8/30 Curnell-OR)(Fournier-VA)(Newton-GA)(Van Beurden-CA)(McLean-NY)(Rocha-CA)(Thompson-NM)(O'Brien-AUS)

YEMEN

- 9780 0333 R. San'a: AA tlk by OM, ID, AA mx (443 9/2 Skora-ONT)(Newton-GA)(Heyman-NY)(Raymond-MA)(Huddleston-TX)(Dittrich-FL)

PEOPLE'S DEMOCRATIC REPUBLIC OF YEMEN

- 7190 2140 DYBS: AA chants, YL giving s/off w/ ID @ 2159\*, ments of Yemen and Aden, anthem, off (322 8/22 Greenwood-PA)

# OCEANIA

AUSTRALIA

- 4920 1106 ABC Brisbane: EE w/ OM tlk on agriculture in Aussie (233 8/13 Heyman-NY)(333 (Cohen-PA)(Lecuona-ARGENTINA)  
 5995 1050 RA/Lyndhurst: EE ID, IS, freqs. given, pop mx, nx @ 1101 (232 8/12 Cereghin)(Thompson-NM)  
 6045 1115 RA/Lyndhurst: EE pop mx, QRM (fair 8/17 Holland-NY)  
 6060 1440 RA/Shepparton: EE w/ local TC, rock mx (444 8/15 Thompson-CA)  
 9570 0717 RA/S: EE pop mx by Ambrosia, OM ID, more mx (433 8/31 Heyman-NY)  
 9580 1203 RA/S: EE nx, ID, TC, Aussie nx in brief (454 8/16 Smith-FL)(Holland-NY)(544 Newton-GA)(Zehr-NV)(Thompson-NM)(Earhart-PA)(Fraser-MA)(Hodsdon-MN)(Grenier)  
 9610 1345 ABC Wanneroo: EE w/ pop mx, OM anncr (343 8/30 Maise-LA)(Davenport-TN)(good Holland-NY)(Heyman-NY)(Van Beurden-CA)  
 9660 0720 ABC Brisbane: EE OM w/ football scores (343 8/16 Van Beurden-CA)  
 9680 0750 ABC Melbourne: EE jazz to 0800, nx w/ sports, QSB (443 8/31 Palmer-WA)(333 Cohen-PA)(Van Beurden-CA)(Heyman-NY)  
 9760 0831 RA/S: EE YL w/ nx to PNG, // 11790 (333 8/31 Palmer-WA)  
 9770 1705 RA/S: EE w/ wld. nx (434 6/17 Kerrigan-IL)  
 11705 1247 RA/S: EE w/ "Mailbag" pgm (444 8/10 Grenler-CA)  
 11725 1902 RA/S: EE OM w/ nx, sounds like BBC accent! (252 8/31 Smith-CA)  
 11740 0703 RA/S: EE wld. nx, Aussie nx (333 8/3 Whetzel-IN)(Holland-NY)  
 11790 1005 RA/S: EE OM w/ wld. nx, TC, Aussie nx, mx pgm (322 8/16 Audette-MA)(Heyman)  
 11800 1824 RA/Carnarvon: EE cmty abt. OPEC, stock market report, ID (333 8/25 Bickel)  
 11865 1457 RA/C: EE IS, \*1459 by OM, time pips, wld. nx (333 8/27 Donly-SG)  
 11925 1255 RA/? : JJ IS @ 1257, ID (333 8/15 O'Brien-AUS) nf????.....jwm  
 11935 1405 RA/S: EE OM w/ Philippine nx report, ID, wx, TC (443 8/8 Schroeder-WI)  
 15115 0840 RA/S: EE w/ "Australia Today" pgm, tlk on cattle quarantine, // 17725, 21570, 21680 (555 8/8 Creamer-CO)(Holland-NY)(Clark-KS)  
 15160 0612 RA/L: EE nx on Poland's strike w/ reports (444 8/29 Heyman-NY)(Berkholtz-MN)  
 15230 0800 ABC Lyndhurst: EE ID, time pips, "National News" by OM, Cuba QRM (322 8/26 Van Beurden-CA)(Smith-CA)  
 15240 0700 RA/L: EE wld./Aussie nx, mx, 0730\* (444 8/4 Whetzel-IN)(Maise-LA)(Heyman)  
 15320 0400 RA/S: EE TC by OM, ID, nx headlines, wld. nx (243 8/18 Heyman-NY)  
 15425 0923 ABC Wanneroo: EE OM/YL w/ TC, R&R records (444 8/8 Creamer-CO)(T. Hall-CA)(Van Beurden-CA)  
 17795 0121 RA/S: EE editorial, pop mx, distorted (333 8/21 Newton-GA)(Holland-NY)(243 Lindley-AL)(Heyman-NY)(McLean-NY)(Berkholtz-MN)(Whetzel-IN)  
 17870 0405 RA/C: EE YL w/ wld. nx, ID (233 9/3 McLean-NY)  
 17890 0308 RA/S: EE nx by YL, OM ID & TC, cmty by OM (243 8/18 Heyman-NY)  
 21525 0400 RA/S: EE nx by OM, // 17795 (454 8/11 Worman-WI)  
 21630 1755 RA/C: EE IS, \*1759 w/ "Billboard", time pips @ 1800, wld. nx by OM (252 9/7 Donly-SC)  
 21650 2254 RA/S: EE pop mx, ID, nx, birthday greetings (353 8/17 Famularo-CA)(Heyman-NY)(Hauser-TN)(Creamer-CO)  
 21660 1130 RA/S: EE nx by OM, BBC QRM (333 8/17 Fraser-MA)  
 21680 0106 RA/S: EE OM w/ wld. nx, local nx, heavy QRM (233 8/8 Lindley-AL)(Miller-CA)(O'Brien-AUS)(Huddleston-TX)  
 21740 0200 RA/S: EE pop mx, ID, wld. nx (good 8/12 Holland-NY)(McLean-NY)(Smith-FL)(243 Lindley-AL)(Hauser-TN)(Heyman-NY)(Sanderson-AZ)(Huddleston-TX)(Kopriva-CA)



GUAM

- 11735 0830 KTWR: Mandarin/EE YL/OM tlk in EE, then translation into Mandarin, ID @ 0900 (322 Greenwood-PA)  
 11840 \*0745 KTWR: EE IS, ID, freq. info, EZL mx to 0800 (322 8/21 Newton-GA)(T. Hall-CA)

GUAM (continued)

15350 1058 KTWR: GC IS hrd. below AIR, ID, mx (333 8/16 Faccioli-URUGUAY)  
15365 1453 KTWR: EE "Family Bible Hour", ID @ 1500 (322 8/14 Rocha-CA)(Kopriva-CA)(333 Hodsdon-MN)

NEW CALEDONIA

7170 0750 R. Noumea: FF local mx, ID @ 0758, nx @ 0800, wx rpts. (322 8/11 Faccioli) (O'Brien-AUS)(Smith-CA)(Cucura-PA)(Van Beurden-CA)  
11710 0750 RN: FF w/ American pops, OM DJ, // 7170 (343 8/26 Van Beurden-CA)(Smith-CA) (Rocha-CA)(T. Hall-CA)

NEW ZEALAND

6105 0751 RNZ: EE opera, classical mx (432 8/16 O'Brien-AUS)(Lecuona-ARGENTINA)  
11945 1010 RNZ: EE OM w/ nx, wx report (434 8/25 RJ Coleman-MA)(Lecuona-ARGENTINA)(444 Farmer-TN)(Leeman-RI)(Holland-NY)  
15345 0550 RNZ: EE "Roundabout" pgm, local events, waltz medley, Maori nx @ 0555 (534 8/15 Thompson-CA)  
15485 0544 RNZ: EE tlk on U.S. politics, mx interlude, Maori nx @ 0555, EE TC for 6 pm, wx (444 8/27 Famularo-CA)(Lucas-CA)(Hauser-TN)(Shepherd-IL)(Munster-CA)  
17860 0402 RNZ: EE wx, TC by OM, "Appointment" w/ John Gordon, mx (243 8/18 Heyman-NY) (Holland-NY)(Newton-CA)(Skora-ONT)(Sereshon-IL)(Johnson-IL)(Kopriva-CA)(McLean)

**PAPUA NEW GUINEA**

PAPUA NEW GUINEA

3205 1114 R. West Sepik: Pid/EE w/ long cmty by OM (322 8/23 Farmer-TN)  
3220 0921 R. Morobe: Pid w/ local mx, OM tlk w/ ID, more mx to 0929, time pips (422 8/31 Heyman-NY)  
3385 1014 R. East New Britain: Pid island mx, church choral mx, OM annrc (222 8/31 Cohen-PA)(Cucura-PA)(Farmer-TN)  
4890 0800 NBC Port Moresby: EE nx, ID, wx, sports, interview w/ Aussie diver (333 9/11 Moss-CA)(Cohen-PA)(Rocha-CA)(Smith-CA)

SOCIETY ISLANDS

6135 0645 R. Tahiti: Tah/FF w/ Tahitian mx, OM ancmts, wx report by OM, ID in FF (444 7/2 Faccioli-URUGUAY)  
9750 0750 RT: FF/Tah w/ non-stop Tahitian mx, OM ancmts, pop mx to 0756, s/off w/ ID's (433 7/13 Faccioli-URUGUAY)  
11825 0530 RT: FF/Lang. island mx, essay in native lang., ments of Tahiti (444 8/19 RJ Coleman-MA)(Thompson-CA)(Moman-ALB)(Van Beurden-CA)(Smith-CA)  
15170 0449 RT: Tah/FF local mx, ancmts (322 w/ het 8/20 Newton-CA)(Rocha-CA)(Smith-CA) (Holland-NY)

SOLOMON ISLANDS

5020 1100 SIBC: EE mx, YL ID, nx by YL (233 8/13 Heyman-NY)(O'Brien-AUS)(Lecuona)  
9545 0739 SIBC: Pid/EE rock mx, ad by OM in Pid for supermarket chain, PNG nx in EE, clear ID by OM (222 9/1 Cunningham-OH)(Smith-CA)(T. Hall-CA)(Heyman-NY)(333 Kopriva-CA)(Famularo-CA)(Thompson-CA)

VANUATU

3945 0832 R. Vanuatu: EE/FF w/ OM nx in EE, mx, FF tlk @ 0845, // 7260 (322 8/13 Howell-CA)(Hardester-CA)(Lecuona-ARGENTINA)(Faccioli-URUGUAY)  
7260 0745 RV: EE island mx to 0800, nx in EE by OM, pop mx, hymns in EE and lang., hets, ARO QRM (322 8/17 Lucas-CA)(Cohen-PA)(Smith-CA)(Cucura-PA)(Van Beurden-CA) (Lecuona-ARGENTINA)

\*\*\*\*\*

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DATELINE

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Afghanistan-The current sked from Kabul is: EE (1530-1600) 4775; (1900-1930) 17745. Urdu (1330-1530) 4775. RR (1630-1700) 11805. AA (1700-1730) 11805. Pashto/Dari (1730-1830) 17745. GG (1830-1900) 17745.....

China-RP's broadcasts in EE to Europe (2030-2130 and 2130-2230) are observed on 9530 instead of 7470. This channel is in addition to 12450, 11600, and 8660.....

United Arab Emirates-UAE radio in Dubai appears to have discontinued the relays of its EE svce on 21700. The local AA svce has been carrying the channel for the past ten days or so from 0700-1316. The 17775 channel continues to relay the AA svce and is in // w/ 21700.....

Well, that's abt. it for me, folks. I was forced to do 7 pages this month due to an absolute flooding of reports. I will be attending UCSB this fall where my major will be Electrical Engineering. I hope to back later as an editor. Support Tom just as well..

735  
Jim

# WORLD SERVICE STATION SKEDS

## PROGRAMMI

BULLETIN DE PROGRAMMES

ENGLISH SERVICE

PROGRAMME SCHEDULE

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

Deadline: 12th

EMISSIONS

TRASMISSIONI

PROGRAMS

SERVIZIO

COMUNICATI NEL CORSO

All schedules, unless otherwise indicated, are for English programs, and all times are in Greenwich Mean Time (GMT). Also, schedules credited to the "BBCMS" are courtesy of the BBC Monitoring Service, and are used by permission. The current transmission period is the "S80" which will be in effect until November 2, 1980.

AUSTRIA. Correction. The GRF to North America at 0130-0200 is on the 49 mb frequency of 5945 kHz, not 6155 kHz as was listed last month. Sorry!

CANADA. Radio Canada International, S80.

0000-0030	5960	North/Central Amer.
	9755	" " "
0100-0130	5960	" " "
	9755	" " "
0200-0230	5960	" " "
	9560	" " "
0300-0330	5960	" " "
	9535	" " "
	9560	" " "
	11845	" " "
0400-0430	5960	" " "
	9535	" " "
	9560	" " "
	11845	" " "
1300-1600	11955	North America (Sunday)
1300-1400	17860	Caribbean (Sun. only)
1400-1600	17710	" " "
2200-0000	5960	N. America (Mon-Fri)
	9755	N. America (Mon-Fri)

(L. Petit, R. Whetzel)

FRANCE. Radio France International, This will be valid from Sept. 28 to the 1st of November.

PARIS CALLING AFRICA IN ENGLISH

TIME: 1700 - 1800 GMT.

11845	- Northwest Africa
15200	- North Central Africa
15360	- NW Africa, Indian Ocean
15425	- Northwest Africa
17720	- NW Africa, Indian Ocean
17850	- Central Africa, Indian Ocean (Sunday Only)
17860	- NE Africa, Indian Ocean
21515	- West Africa, Indian Ocean (Sunday only)
21580	- Central Africa, Indian Ocean
21620	- East Africa, Indian Ocean (W. Pickard II, P. Thompson-CA)

GERMANY (FEDERAL REPUBLIC). Here is Deutsche Welle's S80 sked to NA.

0120-0150	6040, 6085, 6100, 6145, 9545, 9565, 11865, 15105
0530-0550	5960, 6100, 6185, 9545, 9650, 11705, 11905.

(D. Carrier)

GUAM. KTWR in Agana sent this tentative S80 sked.

0000-0140	17770	India
0745-0930	11840	Japan
1430-1500	11880	India (Wed/Thurs.) (P. Marshall)

HUNGARY. Radio Budapest, valid from Sept. 28 to November 1, 1980.

0200-0230a	6000, 9585, 9835, 11910, 15220, 17710 (not Monday)
0300-0330a	6000, 9585, 9835, 11910, 15220, 17710
0400-0415a	6000, 9585, 9835, 11910, 15220, 17710 (Wed. & Sat.)
1030-1100b	9835, 11910, 15160, 17710, 17785, 21525
1200-1220c	6025, 7155, 9585, 9835, 11910, 15160 (not Sat. or Sunday)
1430-1500d	9835, 11910, 15160, 15220, 17710, 17785 (not Sat. or Sun.)
1515-1530c	6025, 7200, 9585, 9835, 11910, 15160 (Tues. & Fri. only)
2100-2130c	6025, 7165, 7200, 9585, 9835, 11910

a = North America

b = Australia, New Zealand & Japan

c = Europe & Scandinavia

d = Asia

(L. Dekeyser, T. Smith)

ISRAEL. Israel Radio (Kol Yisrael) effective from Sept. 14 until Nov. 2, 1980.

0000-0030	9815	N. America, Europe, Latin America
	11637	N. America, Latin America.
	15584	N. America, Europe, Latin America
0100-0125	9815	Latin America
	11637	N. America, Europe, Latin America
	15584	N. America, Europe, Latin America
0200-0225	9815	N. America, Europe
	11637	" "
	15584	" "

ISRAEL (continued):

0500-0515	7465	Eastern Europe
	11637	N. America, Europe, Australia, N. Zeal.
	12025	Eastern Europe
	15105	N. America, Europe
	15200	" "
	15405	Eastern Europe
	15584	N. America, Europe, Australia, N. Zeal.
	17685	Eastern Europe
	21710	SE Asia, Aust./NZ
1200-1230	7465	Eastern Europe
	11620	N. America, Europe
	15405	Eastern Europe
	17685	" "
	17710	" "
	15605	SE Asia, Aust./NZ
	17612	Europe, N. America
	21675	Europe, N. America
	25640	Europe, N. America
	27790	Eastern Europe
2000-2030	9009	Africa
	9815	West Africa
	11610	Europe, N. America
	15405	Eastern Europe
	17685	Africa
	17710	Europe, N. America
	17815	Eastern Europe
2230-2300	9815	Europe, N. America
	11637	Europe, N. America, Latin America
	12025	Latin America
	15200	Eastern Europe
	15405	" "
	15584	Europe, N. America, Latin America
	17685	Eastern Europe
	17710	Europe, N. America

(F. Johnson, R. Munster)

ITALY. RAI in Rome has this S80 sked.

0100-0120	9575	North America
	11800	" "
0350-0410	11905	South Asia
	15330	" "
	17795	" "
0425-0440	5990	Mediterranean Area
	7275	" "
1935-1955	7275	Great Britain
	9710	" "
	11800	" "
2025-2045	7235	Near East
	9575	" "
	11800	" "
2200-2225	9710	Japan
	15330	" "
	11800	" "

(C. Aucoin, K. Baxter, E. Fournier,  
A. Imamura, L. Kopriva)KOREA (NORTH). Here is the current  
schedule of Radio Pyongyang.

0600-0750	9420	Europe
	11905	" "
0800-0950	3560	Southeast Asia
	9977	" "
	11780	" "
1100-1250	9977	The Americas
1300-1450	9977	Southeast Asia

KOREA (NORTH) (continued):

1500-1650	3840	Middle East, Africa
	9977	" "
	11895	" "
1700-1850	3840	Middle East, Africa
	9977	" "
	11895	" "
2000-2150	3560	Europe
	6575	" "
	9420	" "
2300-0050 (BBCMS)	9977	The Americas

NIGERIA. The Voice of Nigeria in  
Lagos, external service schedule.

0500-0600	7253	West Africa
0600-0800	15120	North Africa
	15185	" "
0800-0900	7255	West Africa
0830-1000	15120	North Africa
	15185	" "
1600-1700	7255	West Africa
1800-1900	15120	North Africa
	15185	" "
1800-1930	11770	Central/South Africa
1900-2030	7255	West Africa
2030-2200	11770	Central & Southern Africa
2100-2200	15120	North Africa
	15185	" "

NOTE: Transmissions to North Africa  
are also beamed "overseas".  
(BBCMS)PHILIPPINES. The Voice Of The  
Philippines in Manila. Current schedule

0657-0955	9580	Japan, Korea, Taiwan
0957-1155	9580	Southeast Asia
1357-1555	9580	West Coast N. America
1657-1855	9580	Europe (not Sunday) (direct)

PORTUGAL. Radio Portugal schedule,  
undated.

0300-0330	11925	ECNA
	15125	" "
0500-0530	9575	WCNA
	11925	" "
1600-1630	21530	India, Middle East (not Sunday)
1800-1830	17880	Africa
	21530	" "
1700-1730	17880	Africa (Sunday only)
2030-2100	15125	Europe
	11800	" "
	6025	" "

(T. Smith)

PORTUGAL. Radio Japan (NHK) via Sines  
relay of General Service. S80 sked.

0700-0715	15130	Middle East, Europe
2200-2215	15305	" "

(R. Munster)

SWEDEN. Radio Sweden in Stockholm has  
this S80 schedule.

0230-0300	9695	North America
	11705	" "
1100-1130	9630	Europe
	21690	Australia, NZ



**SWEDEN(continued):**

1230-1300	15225	East Asia
	21690	Africa
1400-1430	21615	North America
	21700	South Asia
1700-1730	6065	Europe
	17845	S. Asia, Middle East
1830-1900	6065	Europe
	15240	Africa
2100-2130	15240	"
	15320	Middle East
2300-2330	11705	North America
	15270	"

(R. Zilmer)

**SWITZERLAND.** Here is the schedule of Swiss Radio International, valid until November 1st.

0145-0215	6135	North America
	9725	" "
	11715	" "
	15305	" "
0430-0500	9725	Western NA
	11715	" "
0700-0730*	9560	Australasia
	15305	"
	21520	"
	21695	Asia
0900-0930	9560	Australasia
	15305	"
	21520	"
	21695	Asia
1100-1130*	15430	Africa
	17795	"
	21520	"
	21630	East Africa
1315-1345*	15305	Australasia
	17735	"
	17830	"
	21520	"
	21570	North America
1530-1600*	15125	West Africa
	17830	East Africa
	21570	"
	21585	South America
1815-1845*	15170	East Africa
	17760	South Africa
	17830	West Africa
	21585	South America

\* Also carried on the omni-directional frequencies for Europe 3985, 6165, 9535 kHz. (T. Smith)

**TURKEY.** The Voice Of Turkey (TRT) in Ankara. Sked is valid until December 31st.

1200-1300	15185	North America
	17860	Southeast Asia
1330-1430	17860	" "
2030-2130	11885	North Africa
	11895	Western Europe
2200-2300	7215	Western Europe
	9515	" "
	15250	Southeast Asia
	15360	Northeast America

(W. Pickard II, R. Whetzel)

**USA. WYFR (Family Radio) in Florida (Studios in Oakland, CA) has this S80 schedule.**

1230-1600	17785*	Europe, N. Africa
	21525*	" "
1705-1800	15440	" "
	17845	" "
	21465	" "
	21615	" "
1800-2005	17845	" "
	21615	" "
2005-2100	17845	" "
	21525	West Africa
	21615	Europe, N. Africa
2100-2305	11875	" "
	17845	" "
	21525	West Africa
2305-0000	21525	" "
0005-0105	17845	Americas
0105-0505	9715	"
0505-0600	9705	"

\*=Saturday & Sunday only (Direct.)

**UKRAINE.** Radio Kiev, valid as of September 7th.

0030-0100	11735	North America
	12060	" "
	15180	" "
	17845	" "
	17870	" "
0300-0330	9655	" "
	11715	" "
	11735	" "
	15180	" "
	17870	" "
2000-2030	7175	Europe
	9560	"
	9655	"

Editor's Note: Transmitters used for these transmissions are located throughout the USSR, not just the Ukranian SSR. (T. Smith)

**UZBEK SSR.** Radio Tashkent summer schedule. Probably outdated by now.

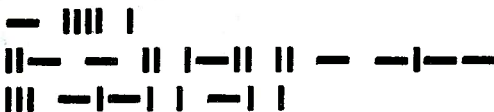
1200-1230	5985, 9715, 9750, 11785,
	15460
1400-1430	5985, 9715, 9750, 11785,
	15460

(M. Hardester, S. Heyman)

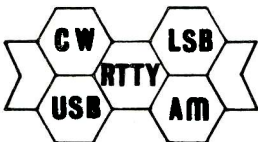
Well gents, that wraps up the column for October. Thanks for your support. Don't forget to put your name on the sked and print on one side of the paper only. Don't forget that the new period for schedule changes takes effect during the first Sunday in November. Let's get those new skeds in ASAP.

Just a reminder that the BAD GUYS meeting in Burlington was changed to October 12th. See page 3 of Sept. SPEEDX for details. I'll be there.

73 & Good DX, *Ops*



# THE UTILITY SCENE



EDITOR:

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

DEADLINE:

12th of  
Month

To emphasize the resuscitation of the Speedx utility column, we have designed and implemented a new ute masthead... If nothing else, it's something different to look at.....

Well gang, here are some odds and ends:- In late August, USN Antarctic support aircraft were monitored deploying to Williams Field, outside McMurdo. This means that another research season, down on the ice, has begun. The Navy LC-130 aircraft utilize an XRAY DELTA callsign prefix, and can be heard primarily on 8.997 & 13.251 Khz USB, wkg such ground stas as: Mac Center (McMurdo), South Pole, Siple, etc, plus Christchurch. From previous seasons the best times to tune in are between 0500 to 1000 GMT for 8.997 khz and 0200 to 0500 GMT for 13.251 khz. Right now comms are weak, but as we get into the winter months, comms will be much easier to hear. Both freqs are active USN circuits. So you may well hear USN tac callsigns, not connected with Antarctic operations on them. Also, 8.997 khz is sometimes heavily QRMed by USN RTTY traffic. For you QSL buffs, here are some mailing addresses:

Aircraft - Xray Delta ## c/o	McMurdo ARTCC USNAVSUPFFOR Antarctica Code 30	South Pole Station USNAVSUPFFOR Antarctica FPO San Fran, CA 96692
ANTDEVRON-VXE 6 USNAVSUPFFOR Antarctica Williams Field FPO San Francisco, CA 96601	FPO San Francisco, CA 96601	

USARP - Siple Station USNAVSUPFFOR Antarctica FPO San Fran, CA 96692	Christchurch acts as the northern leg guard station for aircraft flying in and out of McMurdo. It is actually RNZAF base Wigram... New Zealand military regulations are tight, and (if at all) will give you only a no data veri for your efforts. For this reason, no mailing address will be given.
--	---

\* In late August there was a large scale USN war game exercise held off the southern California coast, 7.895 khz USB was active with simulated gun, missile and torpedo attacks, involving warships, aircraft and shore installations. Some of the colorful tactical callsigns used were: POOL SHARK \* ROAD RUNNER \* TOGA TOM \* MUNCHKIN MIKE \* BRONCO BILLY \* COLD STEEL \* FARMER JOE \* STEW BURNER \* DOG HOUSE \* BIG CREEK \* PENNHOUSE PET \* WILD WILLY \* SHOAL WATER \* PAPA BEAR \* PISTOL PETE \* SPIRIT OF 76 \* MISTER GOOD WRENCH \* BIG BREAK \* ARMADILLO SLIM \* CAPTAIN AMERICA \* BIG JOHN \* PIG PEN \* FELT KNAPSACK \* GREAT SCOTT & FUNNY CIGARETTES....The damage assessment/exercise coordinator call was : BOSTON COMMON...

\* Old/new additions to the column: During the period from Feb 76 to Sept 76 and again from Jan 77 until Aug 78, long wave loggings were included in the ute column. Lack of space forced them to be eliminated. As of this issue, long wave will once again be accepted, along with VLF and medium wave. (loggings, QSLs, etc) Therefore the Speedx utility coverage will encompass the entire freq spectrum from 10 khz up to 30 mhz.

Now onto the loggings

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

ALASKA:	2182	---	1216	NOJ- CS Kodiak wkg Exxon New Orleans (Moman-Alberta)
	2182	---	1235	NMJ1- CG Juneau wkg Exxon New Orleans (Moman- ALB)
	13344	A3H	2226	KIS70- Anchorage Volmet - WX b/c (P. Thompson-GA)
	15018	USB	0353	AKA- Elmendorf APB wkg MAC 60412 (Russell-KN)
BERMUDA:	9909	---	0905	ZFD44- C&W Devonshire - EE/VM (Munster-GA)
CANADA:	5409a	USB	0452	Vancouver R. Operator-p/p for Dean River (Chabak-AZ)
	5675	USB	0244	VFG-Gander Aeradio wkg Clipper 110 (Fournier-VA)
	6427	CW	0346	CFH- RCN Ellerhouse NS - V mkr (Ducos-France)
	6753	USB	0520	VXA- Edmonton Military - Aero WX (Narva-MD)
	7953a	USB	0420	Vancouver R. Operator-p/p for Silver Grizzly (Chabak)
	8662a	CW	0350	CFH- Halifax Military V mkr (Hackney-TN)
	9316a	USB	0340	Vancouver R. Operator-p/p for Artic Night (Chabak)
	13272	AM	0728	VFG- Gander Aeradio - Volmet b/c (Hackney-TN)
	15035	USB	2042	CJX- St. Johns Military - Aero WX (Fournier-VA)

GREENLAND:	8967	USB	1140	XPH- Thule AFB - p/p for MAC 40622 to Thule metro (Chabak)
	13201	USB	1817	XPH- Thule AFB wkg MAC 50220 (Stock-CO)
MEXICO:	12829.5	CW	2241	XFM- Manzanillo Radio - CQ mkr (P. Thompson-CA)
U.S.A.:	4433.2	USB	1005	NMA- CS Miami Radio - NTM b/c (B. Miller-CA)
	4835	USB	0200	Shipyard Control-USN wkg USS Guam (Stone-Ontario)
	5014	LSB	1329	WUH5- USACE- Kansas City wkg WUH510 (Stock-CO)
	5320	USB	0104	NMG- CS New Orleans wkg CG Port Isabel TX (Stock-CO)
	5400	USB	1345	WUD6- USACE- St. Paul MN wkg WUD642 (Stock-CO)
	5924	LSB	1341	KHB24- (need help) wkg KHB24 mobile (Stock-CO)
	5924	LSB	1332	KME57- (in IDING) wkg KGD55 (Stock-CO)
	5924	LSB	1340	KUP61- (agency &) wkg KUP61 mobile (Stock-CO)
	5925	USB	1309	KGD69- (QTH for) wkg KHP24 (Stock-CO)
	5935	LSB	1413	KEC21- (these stas) wkg KEC21 mobile (Stock-CO)
	6506.4	USB	0905	NMF- CS Boston clg CGC Northwind (Coleman-MA)
	6506.4	USB	2158	NMN- CS Portsmouth VA- offshore forecast (Carson-WV)
	6540	USB	0250	WSY70 - New York Aeradio wkg Houston 131 (Ricciuto-NY)
	6659	USB	1107	Navy 173-Relco Flight Test Service-xmtr test(Alexander-IA)
	8086	USB	2137	AFA- Andrews AFB MD wkg SAM 86970 (Stock-CO)
	8218a	USB	1545	KMI- ATT Long Beach CA wkg m/v Viking Star(P. Thompson-CA)
	8248a	USB	1812	IGSB San Diego CA wkg USS Yellowstone (P. Thompson-CA)
	8486a	CW	0320	WOE- Lantana R. FL - CQ mkr (Hackney-TN)
	8765.4	USB	0410	NMG- CS New Orleans LA wkg CGC Henlopen (Hackney-TN)
	8765.4	USB	var.	NMC- CS San Fran CA- high seas WX (Hackney-TN)(Clark-KS)
	8765.4	USB	0613	NMF- CS Boston clg CGC Northwind (Hackney-TN)
	8765.4	USB	var.	NMN- CS Portsmouth-offshore forecast (Clark-KS)(Hackney-TN)
	8765.4	USB	0351	NMN- CS Portsmouth VA wkg CGC Chase (Shepherd-IL)
	8989	USB	0834	AFE8- MacDill AFB FL clg Gator 54 (Coleman-MA)
	8993	SSB	0435	AFE8- MacDill AFB p/p for Gull 25 to Miami (Blaize-LA)
	8993	USB	0945	AFE8- MacDill AFB clg Teal 11 (Coleman-MA)
	8993	USB	0200	AFE8- MacDill AFB wkg Gull 20 (Rankin-KS)
	9048	LSB	0119	AFA- Andrews AFB MD p/p for SAM 24127 (Stock-CO)
	10305	USB	1447	Vandenberg AFB CA wkg Sweat 31 (Stock-CO)
	11246	USB	0650	AFI- McClellan AFB CA wkg unid a/c (Howell-CA)
	11396	USB	2230	KJY74- Nat'l Hurricane Ctr Miami clg NOAA 42 (Rankin-KS)
	12972	CW	0640	WOE- RCA Lantana Radio FL V mkr (Ducos-France)
	12995	CW	0423	WCC- Chatham Radio V mkr (Ducos-France)
	13112	SSB	2330	NMN- CS Portsmouth - NTM b/c (Blaize-Mexico)
	13125.6	USB	2232	WOM- ATT Miami FL - WX hurricane warnings (P. Thompson-CA)
	13224a	USB	1935	AFE- MacDill AFB FL test counts (Russell-KS)
	13260	USB	1744	KJY74- Nat'l Hurricane Ctr Miami wkg NOAA 41 & 43 (Russell)
	13272	USB	var.	WSY70- New York Aeradio - Volmet (Kerrihan-GB)(Carson-WV)
	13626	USB	1919	WHF20- FAA _____ wkg KKJ73 (Stock-CO)
	14470.4	---	0235	AAJ- Ft. Leavenworth KS wkg CUC (Moman- Alberta)
	16185	CW	1528	NAM- NGS Norfolk VA CQ mkr (P. Thompson-CA)
	16587.1	USB	0030	KED- New Orleans R. clg KHT Cedar Rapids (P. Thompson-CA)
	16976	CW	2205	NMN- CS Portsmouth VA CQ mkr (Moman- Alberta)
	17356.9	USB	0011	WLO- Mobile Marine R.-hurricane warnings (P. Thompson-CA)
	17901	USB	1740	KJY74-Nat'l Hurricane Ctr Miami wkg NOAA 43 (Rankin-KS)
	20608	LSB	2048	KCW21- Smithsonian-Cambridge MA wkg KEP78 (Stock-CO)
	23974.8	CW	1515	KKN50- US Embassy Wash DC CQ mkr (P. Thompson-CA)

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

CANAL ZONE:	20885	LSB	0150	AHF4- Albrook AFB clg T12USA (Chabak-AZ)
HONDURAS:	13950	LSB	0132	AHF-1 Bravo (USMAG) p/p via AHF4 Albrook (Chabak-AZ)
PANAMA:	8959	SSB	0632	Panama Aeradio EE/OM wkg Chilean 141 (T. Hall-CA)
**** CARIBBEAN ****				
BARBADOS:	16948	CW	1625	SPO- C&W Bridgetown DE mkr (G. Thompson-NM)
CUBA:	8959	SSB	0524	Boyeros Aeradio EE/SS/OM-r/c with San Juan (T. Hall-CA)
	17605	CW	1635	CLN572- IRTS Havana clg UCA Odessa USSR (Chinsky-NY)
	22396	CW	1245	CLA50- Havana Radio QSX mkr (Ricciuto-NY)
MARTINIQUE:	8478.5	CW	0228	FUF- French Naval R.-Fort de France- V mkr(Moman-Alberta)
	13031.2	CW	2330	FUF- Fr. Naval R.-Ft. de France - V mkr (Moman-Alberta)
	16961.5	CW	1100	FUF- Fr. Naval R.-Ft de France- V mkr (H. Miller-VA)
	22390	CW	2039	FUF- Fr. Naval R. - Ft. de France- V mkr (Ducos-France)
HAITI:	13950	LSB	0108	ACH54- (USMAG) wkg AHF4 Albrook (Chabak-AZ)
NET. ANTILLES:	8693.9	CW	0245	PJC- Curacao Radio CQ/QSX mkr (Moman-Alberta)
TRINIDAD:	8847	SSB	0529	Piarco Aeradio - OM/EE clg Paramaribo (T. Hall-CA)

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

ARGENTINA:	2980	AM	0300	Ezeiza Aeradio-SS/OM/YL - WX b/c (Faccioli-Uruguay)
	5498	AM	0200	Cordoba Aeradio- SS/OM - WX b/c (Faccioli-Uruguay)
	8847	SSB	0716	Buenos Aires Aeradio- SS/OM wkg unid a/c (T. Hall-CA)
ASCENSION IS:	8993	USB	0410	AAF- Ascension AFB wkg MAC 50220 (Ricciuto-NY)

BRAZIL:	8502	CW	0024	PPL- Belem Radio	V mkr	(Blaize-IA)
	8520.1	CW	0011	PP0- Olinda Radio	CQ mkr	(Moman-Alberta)
	8847	SSB	0639	Brazilia Aeradio-PP/OM	wkg Belem/Manaus Aero	(T. Hall-CA)
	14855	LSB	1017	PSR- EMBRATEL- Rio-	EE/PP/OM-VM	(Hardester-CA)
	22422	CW	1910	PPR- Radio Rio -	CQ mkr	(Ducos-France)
CHILE:	6419a	CW	0957	CCS- Naval R. Santiago	DE mkr	(Cunningham-OH)
	17418.5	CW	2251	CCS- Naval R. Santiago	V mkr	(Devendorf-CA)
COLOMBIA:	8574	CW	0859	HKC3- ENTEL- Buenaventura	DE mkr	(Forsman-CA)
ECUADOR:	3810	AM	var.	HD216A- INOCAR-time sta-	SS/OM&pips	(Flynn-CA)(Thompson-CA)
PERU:	13950	USB	0204	OAE21- (USMAG) wkg	AHF4 Albrook	(Ghabak-AZ)
SURINAM:	8847	SSB	0653	Paramaribo Aeradio	EE/OM wkg Braniff	8000 (T. Hall-CA)
URUGUAY:	5800	AM	1000	CXF-Montevideo-Metro-	SS/OM-WX&time	(Faccioli-Uruguay)
VENEZUELA:	8847	SSB	0630	Maiquetia Aeradio	SS/OM wkg Clipper	4400 (T. Hall-CA)
	8847	USB	0415	Maiquetia Aeradio	SS/OM wkg Manaus Aeradio	(Fitzgerald-RI)
**** EUROPE ****						
AZORES:	5673	SSB	0438	Santa Maria Aeradio	EE/OM clg Gander	(Shanwick (T. Hall-CA)
BELGIUM:	13063	CW	0722	OST- Ostende Radio	V mkr	(Ducos-France)
	22351	CW	1500	OST5- Ostende Radio	V mkr	(G. Thompson-NM)
BULGARIA:	8532	CW	0330	LZWA2 - Varna Radio	DE mkr	(Osterman-KY)
	12839	CW	0425	LZW - Varna Radio	DE mkr	(Ducos-France)
ENGLAND:	4722	SSB	2352	MVU- RAF West Drayton	Volmet	(Kerrigan-England)
	11200	USB	var.	MVU-RAF W. Drayton	Volmet	(Narva-MD)(Moman-Alberta)
	12787	CW	0631	GKD- Portishead Radio	CQ mkr	(Ducos-France)
	13100.8	USB	2214	GKT51-Portishead R.	wkg Texaco Singapore	(Fitzgerald-RI)
	16974.6	CW	2222	GKD- Portishead Radio	CQ mkr	(Moman-Alberta)
	22467	CW	0804	GKA- Portishead Radio	V mkr	(Ducos-France)
	22612	USB	1830	GRT- Portishead R.	wkg vessel Antrim	(Stone-Ontario)
FRANCE:	6348	CW	0833	HWN- French Naval Radio	Paris V mkr	(Ducos-France)
	6351	CW	0829	FUG- La Regine- Fr.	Naval Radio V mkr	(Ducos-France)
	8454	CW	0734	HWN- French Naval Radio	Paris V mkr	(Ducos-France)
	13316.6	USB	1740	FFL81- St. Lys R.	FF/OM/YL with tfc	(P. Thompson-CA)
	17180	CW	1935	HWN- French Naval Radio	Paris V mkr	(G. Thompson-NM)
GERMANY, EAST:	8445	CW	0407	Y5M- Rugen Radio	V mkr	(Ducos-France)
	12700	CW	0442	Y5M- Rugen Radio	V mkr	(Ducos-France)
	22481	CW	1440	Y5M- Rugen Radio	V/CQ mkr	(G. Thompson-NM)
GERMANY, WEST:	6995	USB	0410	R. Free Europe Feeder	-Holzkirchen	(Hackney-TN)
	8484a	CW	0340	DAN- Norddeich Radio	CQ mkr	(Hackney-TN)
	12900	CW	2020	DAN- Norddeich Radio	CQ mkr	(Ducos-France)
	17143.6	CW	var.	DAN- Norddeich R.	CQ mkr	(Moman-Alberta)(Ducos-France)
GIBRALTAR:	8625.2	CW	0320	GYU- Royal Navy	Q5X mkr	(Hardester-CA)
GREECE:	12708	CW	0142	SVA- Athens Radio	ID mkr	(Howell-CA)
	16965	CW	0457	SVD- Athens Radio	DE mkr	(Ducos-France)
	16981.5	CW	2232	SVG- Athens Radio	CQ mkr	(Moman-Alberta)
	17194	CW	1950	SVB5- Athens Radio	DE mkr	(G. Thompson-NM)
IRELAND:	5533	AM	var.	EIP- Shannon Volmet	(Faccioli-Uruguay)	(Kerrigan-England)
	8833	AM	var.	EIP- Shannon Volmet	(Moman-Alberta)	(Kerrigan-England)
	13312	AM	2034	EIP- Shannon Volmet	(Shepherd-IL)	
ITALY:	7300	CW	1751	IDR3- Naval Radio	Rome V mkr	(Ducos-France)
	8647	CW	0639	ICB- Genoa Radio	V mkr	(Ducos-France)
	22525.9	CW	2028	IRM7- C.I.R.M. Rome	V mkr	(Alexander-IA)
LITHUANIA:	8701	CW	0303	UNM2- Klaipeda Marine	R. ID mkr	(Osterman-KY)
NORWAY:	12727.6	CW	0313	LGJ- Rogaland Radio	CQ mkr	(Moman-Alberta)
	22473	CW	1520	LFG- Rogaland Radio	CQ mkr	(G. Thompson-NM)
POLAND:	16862	CW	1645	SPB4- Szczecin Radio	V mkr	(G. Thompson-NM)
PORTUGAL:	8703.1	CW	0135	CTV- Monsanto	V mkr	(Moman-Alberta)
	8945	SSB	0757	Lisbon Aeradio	EE/OM wkg Santa Maria Aero	(T. Hall-CA)
SCOTLAND:	11176	USB	1018	AJE- USAF Croughton	WX for a/c 806	(Kerrigan-England)
SPAIN:	6381	CW	1845	EAD- Aranjuez Radio	CQ mkr	(Ducos-France)
SWEDEN:	22412	CW	1515	SAG4- Goteborg Radio	CQ mkr	(G. Thompson-NM)
SWITZERLAND:	8599	CW	0642	HEB - Berne Radio	CQ mkr	(Ducos-France)
	17204	CW	1930	HEC- Berne Radio	ID mkr	(G. Thompson-NM)
USSR:	11138a	CW	1050	RJS-umid QTH-coded	tfc to ROD	(Chinsky-NY)
	13977.3	SSB	1545	Moscow Radiotelephone	OM/??-VM	(Moman-Alberta)
	13067	CW	0516	UDH - Riga Radio	V mkr	(Ducos-France)
	16190	LSB	0152	Radio Moscow Feeder	EE/OM	(N. Brown-WA)
	16397a	CW	2159	RIW- Naval Radio	Khiva clg RMLQ	(Fitzgerald-RI)
	16996	CW	1027	UDH- Riga Radio	V mkr	(Ducos-France)
	17116	CW	0703	URD- Leningrad Radio	CQ mkr	(Ducos-France)
	18170	USB	0351	Moscow Radiotelephone	EE/?? -VM	(Carson-WV)
	22314	CW	1620	UJY- Kaliningrad Radio	CQ mkr	(G. Thompson-NM)
YUGOSLAVIA:	16942.5	CW	1640	YUR- Rijeka Radio	V mkr	(G. Thompson-NM)

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

BAHRAIN: 12708 CW 1858 A9M- Bahrain Coastal Radio-CQ mkr (Ducos-France)  
 CONGO: 6617 AM 0352 Brazzaville Volmet FF/OM (Faccioli-Uruguay)  
 DJIBOUTI: 16905 CW 1100 FUV- French Naval Radio V mkr (H. Miller-VA)  
 IRAQ: 16906 CW 1935 YIR- Basrah Port Control V mkr (Alexander-IA)  
 ISRAEL: 12985 CW var. 4XZ- Haifa Naval R. Vmkr (Coleman-MA)(Ducos-France)  
 22490 CW 1545 4XO- Haifa Radio CQ mkr (G. Thompson-NM)  
 IVORY COAST: 4577 SSB 0522 TUP43-Telcom- Abidjan FF/EE/YL -VM (Pickard-IL)  
 LIBERIA: 11474 CW var. KKN44-US Embassy Monrovia-DEmkr (Chinsky-NY)(Ricciuto-NY)  
 MALI: 9177.7 LSB 0638 T.I.M. Bamako FF/YL -VM (Moman-Alberta)  
 12255 USB 0706 TZA512- T.I.M. Bamako-EE/FF/YL -VM (Howell-CA)  
 MAURITANIA: 10918a SSB 0040 5TN-OFIPOSTEL Nouakchott-FF/AA/OM-VM (Chinsky-NY)  
 SENEGAL: 8992.5 CW 0445 6WW- Dakar Naval Radio V mkr (Coleman-MA)  
 16951 CW var. 6WW- Dakar Naval R. Vmkr (G.Thompson-NM)(H.Miller-VA)  
 REUNION IS.: 16915 CW 1100 FUX- French Naval Radio V mkr (H. Miller-VA)  
 17061 CW 1350 FUX- French Naval Radio V mkr (G. Thompson-NM)  
 SOUTH AFRICA: 8470 CW 0226 ZRQ - Simonstown Naval R. V mkr (Moman-Alberta)  
 8604.3 CW 0029 ZRH- Fisantekrael R. DE mkr (Moman-Alberta)  
 8688.5 CW 0125 ZSC- Capetown Radio V mkr (Moman-Alberta)

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

CHINA, PRC: 8546 CW 1235 XST- Tsingtao Radio CQ mkr (G. Thompson-NM)  
 8694 CW 1420 XSZ- Dairen Radio CQ mkr (G. Thompson-NM)  
 17103.2 CW 1945 XSG- Shanghai Radio CQ mkr (G. Thompson-NM)  
 22312.5 CW 0139 XSG- Shanghai Radio CQ mkr (Walters-NJ)  
 COCOS ISLAND: 11234 SSB 1300 Cocos Is. Aeradio - clg tfc on freq (T. Hall-CA)  
 11234 USB 1214 Cocos Is. Aeradio wkg MAC 50268 (Chabak-AZ)  
 11234 USB 1400 Cocos Is. Aeradio wkg Diego Tower (Howell-CA)  
 DIEGO GARCIA: 11234 USB 1321 NKW- Diego Tower wkg a/c Uniform Alfa 520 (Chabak-AZ)  
 HONG KONG: 8539 CW 1230 VPS35- Cape D'Aguilar R. DE mkr (G. Thompson-NM)  
 13020 CW 1235 VPS60- Cape D'Aguilar R. DE mkr (G. Thompson-NM)  
 INDONESIA: 8436 CW 1230 PKC- Palembang Radio CQ mkr (G. Thompson-NM)  
 8868 SSB 1316 Jakarta Aeradio EE/YL wkg Speedbird 12 (T. Hall-CA)  
 JAPAN: 8547.5 CW 0843 JFA- Matsudo Radio CQ mkr (Forsman-CA)  
 8854 SSB 1345 Tokyo Aeradio EE/OM wkg Japan 78 & 941 (T. Hall-CA)  
 12675 CW 1050 JOU- Nagasaki Radio CQ mkr (Coleman-MA)  
 12788 CW 1340 JFA- Matsudo Radio CQ/DE mkr (Ricciuto-NY)  
 12877.8 CW 1100 JGU- Choshi Radio CQ mkr (Coleman-MA)  
 13069.5 CW 1425 JOS- Nagasaki Radio CQ mkr (Flynn-CA)  
 15000 AM 0220 JJY- Time Sta Tokyo JJ/YL (B. Miller-CA)  
 16883 CW 0147 JOU- Nagasaki Radio CQ mkr (Walters-NJ)  
 22386 CW 0124 JGT- Choshi Radio CQ mkr (Walters-NJ)  
 22398a CW 2315 JNA- Kaijo Hoan Cho-QTH??? V mkr (Walters-NJ)  
 22524 CW 2329 JFA- Matsudo Radio CQ mkr (Walters-NJ)  
 KOREA, SOUTH: 22482 CW 0132 HLG- MinCom - Seoul Radio CQ mkr (Walters-NJ)  
 OKINAWA: 10523.6 USB 1258 NRT2- USCG Gesashi Loran wkg Yokota Monitor (Chabak-AZ)  
 PHILIPPINES: 8556 CW 1240 DZP- Manila Radio CQ mkr (G. Thompson-NM)  
 8568 CW 0855 DZR- Bulacan R.-RCA Global DE/CQ mkr (Forsman-CA)  
 8580 CW 0902 DZO- Bulacan R. RCA Global CQ mkr (Forsman-CA)  
 8840 SSB 1247 Manila Aeradio EE/OM wkg Japan 613 (T. Hall-CA)  
 SINGAPORE: 8709 CW 1350 9VG78- Singapore Radio CQ mkr (G. Thompson-NM)  
 8718 USB 1246 9VG20- Singapore R. EE/YL - tfc list (Chabak-AZ)  
 8868 SSB 1218 Singapore Aeradio EE/OM wkg flight 790 (T. Hall-CA)  
 13071.5 CW 1415 9VG80- Singapore Radio CQ mkr (Flynn-CA)  
 22428 CW 0115 9VG59- Singapore Radio CQ mkr (Walters-NJ)  
 SRI LANKA: 8882 SSB 1323 Colombo Aeradio EE/OM wkg India 404 (T. Hall-CA)  
 TAIWAN: 8600a CW 0910 XSX- Keelung Radio CQ mkr (Forsman-CA)  
 VIETNAM: 8590 CW 1225 XSV8- Ho Chi Minh City CQ mkr (G. Thompson-NM)  
 VOLCANO IS.: 10523.6 USB 1257 NRT3- USCG Iwo Jima Loran wkg Marcus Loran (Chabak-AZ)

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

AUSTRALIA: 4286 CW 1345 VIS- Sydney Radio V mkr (G. Thompson-NM)  
 6428 CW 1225 VHP- RAN Canberra V mkr (G. Thompson-NM)  
 8478 CW 0830 VHP- RAN Canberra V mkr (Forsman-CA)  
 8597 CW 1425 VIP03- Perth Radio V mkr (G. Thompson-NM)  
 12000 AM var. VNG-Lyndhurst Time sta(Hackney-TN)(Bledsoe-MO)(Faccioli)  
 12907.5 CW 1110 VHP- RAN Canberra coded tfc (Coleman-MA)  
 13205 USB 0520 AXF- Air Force Sydney wkg 9 Papa Whiskey Lima (Chabak-AZ)  
 16915 CW 0648 VHP- RAN Canberra V mkr (Ducos-France)  
 16919 CW 0730 VHP- RAN Canberra V mkr (Ducos-France)  
 16947.5 CW 0115 VIP- AOTC Perth Radio V mkr (Walters-NJ)  
 22485 CW 0107 VIX- RAN Canberra CQ mkr (Walters-NJ)  
 CAROLINE IS.: 10523.6 USB 1401 NRV7- USCG Yap Loran wkg Saipan Monitor (Chabak-AZ)

FIJI IS.:	5638	SSB	1253	Nandi Aeradio	EE/OM	wkg	Quantas 11	(T. Hall-CA)
	5638	USB	1227	Nandi Aeradio	OM/EE	wkg	Clipper 812	(Chabak-AZ)
HAWAIIAN IS.:	7195	LSB	0555	NMO-CS Honolulu	wkg	(ham)	W6ELU & N6RC	regarding distress signal heard on freq. (Pickard-IL)
	8765.4	USB	0549	NMO- CS Honolulu				high seas forecast (Hackney-TN)
	13336	SSB	2325	Honolulu Aeradio	wkg	Western 569	(T. Hall-CA)	
	15000	AM	0329	WVWH- Time sta	Kauai	EE/YL		(Bledsoe-MO)
MARCUS IS.:	10523.6	USB	1403	NRV6- USCG	Marcus Loran	wkg	Saipan Monitor	(Chabak-AZ)
MARIANA IS.:	8855	USB	1446	Guam Radio	(aeradio)	wkg	Phillippine 106	(Moman-Alberta)
	10523.6	USB	1238	NRV2- Saipan	Monitor	wkg	USCG Guam Radio	(Chabak-AZ)
NEW CALEDONIA:	8645	CW	var.	FUJ-Pr. Naval R.	Noumea	V/ID	mkr	(G/P Thompson-NM/CA)
NEW ZEALAND:	4276	CW	1215	ZLB- Awarua	Coastal Radio	CQ	mkr	(G. Thompson-NM)
	8504	CW	1502	ZLB4- Awarua	Coastal R.	CQ	mkr	(P. Thompson-CA)
	8598.4	CW	1025	ZLO- RNZN	Radio-Waiouru	DE/QSX	mkr	(Coleman-MA)
	12943.5	CW	var.	ZLP2-RNZN	Waiouru- V	mkr		(Coleman-MA) (Ducos-France) (Moman)
	17125	CW	0427	ZLP3-RNZN	Waiouru	V	mkr	(Ducos-France)
	17172	CW	0440	ZLB- Awarua	Coastal Radio	DE	mkr	(Ducos-France)
	22533	CW	2309	ZLB- Awarua	Coastal Radio	ID	mkr	(Walters-NJ)

\*\*\*\* ANTARCTICA \*\*\*\*

8997	USB	0453	NZCM- Mac Center	(McMurdo)	wkg	a/c	Xray Delta 02	(Chabak-AZ)
13251	USB	0324	NZCM- Mac Center	(McMurdo)	wkg	a/c	Xray Delta 01	(Chabak-AZ)
13975	SSB	0014	NNN0KMR(MARS)	Palmer Sta	wkg	(MARS)	NNN0ICE & NNN0NWB	(Osterman-KY)
14415	---	0525	VNJ- Casey Base	VM	prior to	wkg	VNM Melbourne	(Moman-Alberta)

\*\*\*\* SHIPS \*\*\*\*

5680	USB	0630	NRPZ- CGC PAPA	wkg	SEARON			(Devendorf-CA)
5696	USB	0544	USS NIMITZ	wkg	USCG CS	Portsmouth		(Coleman-MA)
6506.4	USB	0642	NLPM- CGC CHASE	wkg	USCG CS	Boston		(Gaede-CA)
6506.4	USB	0905	WTEF- NOAA	RAINIER	wkg	USCG CS	Kodiak	(Gaede-CA)
6506.4	USB	0521	KFSJ- ATTICAN	PASS	p/p	via	NMC to RCC San Fran	CA regarding their picking up of survivors from sunken vessel (Chabak-AZ)
6506.4	USB	0802	CGC HENLOPEN	wkg	USCG CS	New Orleans		(Gaede-CA)
6506.4	USB	0510	WTEK- NOAA	DAVIDSON	wkg	USCG CS	San Francisco	(Gaede-CA)
6506.4	USB	1150	NRUO- CGC	POLAR SEA	wkg	USCG CS	Kodiak	(Chabak-AZ)
6518.8	USB	0512	WTEK- NOAA	DAVIDSON	p/p	via	USCG CS San Francisco	(Gaede-CA)
8241.5	USB	0320	NRFJ- CGC	NORTHWIND	clg	USCG CS	Boston	(Shepherd-IL)
8765.4	USB	var.	CGC TANEY, CGC	ALERT, CGC	DEPENDABLE	wkg	CS	Portsmouth (Hackney-TN)
16590.2	USB	1433	KEAG- EXXON	CHESTER	wkg	KHT	Ceader Rapids	IA (Fitzgerald-RI)

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

5484	USB	0505	SPLEPPER	471	wkg	San Juan Aeradio	(M. Holmes-IL)
5610	USB	0431	SLREDBIRD	250	wkg	Santa Maria Aeradio	(M. Holmes-IL)
5673	USB	0348	AIR CANADA	870	wkg	Gander Aeradio	(M. Holmes-IL)
5683	USB	0700	TEAL	20	wkg	MacDill AFB	(was in eye of hurricane Allen) (Devendorf-CA)
5718	USB	0550	(Canadian) RESCUE	803	wkg	RCC	Victoria BC (Chabak-AZ)
6540	USB	0924	CLIPPER	202	wkg	New York Aeradio	(Gaede-CA)
8840	USB	0032	EASTERN	914	wkg	New York Aeradio	(M. Holmes-IL)
8889	USB	0158	IBERIA	976	wkg	New York Aeradio	(Hackney-TN)
8889	USB	0424	NATIONAL	80	wkg	Shanwick Aeradio	(Fitzgerald-RI)
8945	SSB	0812	AIR CANADA	0770	wkg	Santa Maria Aeradio	(T. Hall-CA)
8945	SSB	0636	TAP	195	wkg	Santa Maria Aeradio	(T. Hall-CA)
8945	SSB	0334	AEROFLOT	335	wkg	New York Aeradio	(T. Hall-CA)
8945	USB	0154	AVIANCA	740	wkg	San Juan Aeradio	(M. Holmes-IL)
8945	USB	2143	AIR BAHAMA	803	wkg	New York Aeradio	(Fitzgerald-RI)
8947	SSB	0650	QUANTAS	92	wkg	Sydney Aeradio	(T. Hall-CA)
8947	SSB	0630	ARGENTINA	310	SS/EE/OM	wkg	Manaus Aeradio (T. Hall-CA)
8947	SSB	0602	PARAGUAY	1702	SS/OM	clg	Bogota Aeradio (T. Hall-CA)
8910	SSB	0431	WORLD AIR	20	wkg	Gander Aeradio	(T. Hall-CA)
8910	SSB	0503	CALEDONIAN	268	wkg	Gander Aeradio	(T. Hall-CA)
8938	SSB	1250	LUFTHANSA	651	wkg	Tokyo Aeradio	(T. Hall-CA)
8959	USB	0431	CLIPPER	201	wkg	San Juan Aeradio	(Fitzgerald-RI)
8959	SSB	0603	CUBANA	478	SS/OM	wkg	Boyeros Aeradio (T. Hall-CA)
8967	USB	1348	SWAN	42	p/p	to	Swan Monitor via Andersen AFB (Chabak-AZ)
8989	USB	0312	GULL	20	p/p	to	Miami Monitor via MacDill AFB (Russell-KS)
8993	SSB	0437	GULL	25	p/p	to	Miami Monitor- in eye of Allen (Blaize-LA)
8993	USB	0240	TEAL	45	p/p	to	Mather Monitor via MacDill AFB (Chabak-AZ)
8993	USB	0200	GULL	20	wkg	MacDill AFB	(Rankin-KS)
10093	USB	2355	BRANIFF	915	wkg	New York Aeradio	(M. Holmes-IL)
11179	USB	0607	ASCOT	2193	(RAF)	p/p	to Hickam metro via Hickam AFB (Chabak-AZ)
11226	USB	2000	AIR FORCE ONE	p/p	to	Crown via	Andrews AFB (Russell-KS)
11228	LSB	1551	TEAL	11	p/p	to	Miami Monitor via MacDill AFB (Russell-KS)
11233	USB	1355	(Canadian) RESCUE	328	p/p	to	RCC Trenton via Trenton Military (Chabak)

(Sorry gang for the out of order jumble I made on the 8MHz aircraft loggings.....)

11246 USB 0456 GULL Ø8 wkg Miami Monitor via MacDill p/p (Shepherd-IL)  
 11367 USB 0045 LAKER 74 wkg New York Aeradio (M. Holmes-IL)  
 13210 USB 0003 NOAA 43 clg MacDill (no joy) (Rankin-KS)  
 13215 LSB 1307 MARINE 28427 (VIP a/c) p/p via Andrews AFB (Chabak-AZ)  
 13260 USB 1744 NOAA 41 wkg NOAA 43 (Russell-KS)  
 13288 USB 1518 AIR JAMAICA 2 wkg New York Aeradio (M. Holmes-IL)  
 13320 USB 1813 CAYMAN 62 wkg New York Aeradio (M. Holmes-IL)  
 13356 USB 2044 TRANS AMERICA 1Ø wkg New York Aeradio (Shepherd-IL)  
 17941 USB 1943 AMERICAN 679 wkg New York Aeradio (M. Holmes-IL)

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

3237 USB 2305 PLEAD CONTROL(USN Pt. Mugu) wkg Quebec 3 (Devendorf-CA)  
 4565 USB 1335 HDQTRS 137th wkg HDQTRS 1st BN (Stock-CO)  
 5696 USB 0415 a/c November Whiskey 5Ø4 p/p to Alameda Metro via NMC (Shepherd-IL)  
 6683 LSB 0258 a/c SAM 24126 (VIP) wkg Andrews AFB (Devendorf-CA)  
 6697 USB 0057 ECHO 1 VICTOR clg NOVEMBER 2 XRAY (no joy) (Alexander-IA)  
 6723 USB 0130 VICTOR 9 KILO wkg XRAY 3 HOTEL (Chinsky-NY)  
 6761 USB 0430 ABOLISH with coded tfc (Hackney-TN)  
 6779 USB 1327 UNBUCKLE OSCAR 2 wkg UNBUCKLE NOVEMBER 5 (Stock-CO)  
 6900 USB 0242 CAMEL BASE (MCAS Cherry Pt.) wkg CAMEL MOBILE (Stock-CO)  
 8771 USB 0350 QUEENSLAND (NCS Key West) wkg SPARTAN (USS Lexington) (Stock-CO)  
 9023 USB 0105 DRAGNET CHARLIE wkg FERTILE SURVEILLANCE (Stock-CO)  
 9023 USB 0124 TOPSOIL FORMAT TEAM wkg APPEND (Chabak-AZ)  
 9027 LSB 2205 SUM Ø5, GLOVER wkg GREENSKY with WX info (Pettit-IA)  
 9510a USB 0955 QUEBEC 9 CHARLIE wkg HOTEL 5 KILO (Alexander-IA)  
 11176 USB 0029 INKY 23 wkg Raymond Ø9 via Albrook AFB p/p (Chinsky-NY)  
 11233 USB 1346 SIERRA 4 JULIET GOLF xmtr checks with Trenton Military (Chabak-AZ)  
 11234 USB 1337 a/c FOXTROT CHARLIE 858 wkg Diego Tower (Chabak-AZ)  
 11234 USB 1400 SIERRA 9 (a/c carrier in Indian Ocean) wkg Diego Tower (Chabak-AZ)  
 11239 USB 1808 DRIP 7Ø (B-52) wkg McClellan AFB (Russell-KS)  
 11243 USB 1841 DEVELOPE wkg Green Pine Sites via Compress (Russell-KS)  
 11243 SSB 1449 EVOLUTION with Skyking b/c (T. Hall-CA)  
 11243 USB 0140 FLAVOR wkg DETERGENT (Chinsky-NY)  
 11250 USB 1137 EAGLE 2 wkg MacDill AFB (Narva-MD)  
 13251 USB 0242 LIBERTY LADY (NAS Moffett) wkg 6 UNIFORM (Chabak-AZ)  
 15015 USB 1827 SPICE 53 wkg Scott AFB (Chinsky-NY)  
 15041 USB 0145 FULLBACK with coded tfc (Hackney-TN)  
 15747 LSB 1952 13 ECHO BRAVO wkg Ø4 ALFA HOTEL (Stock-CO)

\*\*\*\* NUMBERS/BEACON \*\*\*\*

3416 AM 0420 SS/YL 5dgps -19July80 (Nida-MN)  
 5812 AM 0001 EE/YL 4dgps "174-1Ø" -20July80 "End" (Nida-MN)  
 6450 AM 0724 GG/YL 5dgps -16June80 Tone IS s/off(Kerrigan-England)  
 6784.9 AM 0932-0933 SS/YL 5dgps -22Aug80 Final X 2 (Munster-GA)  
 7404 AM 0014 GG/YL 5dgps -24June80 (Kerrigan-England)  
 8411 AM 0400 SS/YL 5dgps "ATT ØØ1-9Ø" -17July80 Final X 2 (Nida-MN)  
 9130 AM 0300 SS/YL 5dgps "ATT 324-75" -18July80 (Nida-MN)  
 9435 -- 0205-0210 EE/YL ---- 3 8 3 rpted -18July80 (Nida-MN)  
 9450 USB 0209-0217 EE/-- 5dgps -24Aug80 End of Info (Cunningham-OH)  
 10460 AM 0739 GG/YL 5dgps -27June80 (Kerrigan-England)  
 11110 AM 0637 GG/YL 5dgps -03July80 (Kerrigan-England)  
 11530 AM 0814 EE/YL 5dgps -27June80 (Kerrigan-England)  
 11540 AM 0746 GG/YL 5dgps -16June80 (Kerrigan-England)  
 11615 AM 0802 GG/YL 5dgps Lima Infirm -01July80 (Kerrigan-England)  
 11630 AM 0613 SS/YL 5dgps "ATT 34Ø-11Ø"- (Pettit-IA)  
 14729 AM 2202-2218 EE/YL 5dgps Sierra Foxtrot-16July80 End of Info (Nida-MN)  
 15580 AM 1402-1408 SS/YL 5dgps "ATT - -- -27Aug80 Final X 2 (Fournier-VA)  
 17650 USB 1735-1750 GG/YL dbl 5dgps "Achtung 91Ø-8Ø-1Aug80 (Munster-GA)

\*\*\*\* UNIDENTIFIED \*\*\*\*

521 CW 1051 Beacon "INE" (Moman-Alberta)  
 4700a PSK 0700 Phase Shift Keyed - repeat bursts 6sec duration/18 characters(Hackney)  
 8025a PSK 0715 Phase Shift Keyed-repeat bursts 4sec duration/12 characters(Hackney-TN)  
 8350a PSK 0717 Phase Shift Keyed-repeat bursts 6sec duration/18 characters(Hackney)  
 11142 CW 1945 DRHØ QRA mkr (Ducos-France)  
 12689 CW 0433 VKD V mkr (Ducos-France)  
 14950 CW 1845 LSO QRU mkr (Chinsky-NY)  
 19245a CW 0020 LFK coded tfc (Chinsky-NY)  
 20660 --- 1550 Melody repeated with discontinuous carrier (Munster-GA)

\*\*\*\* RADIOTELETYPE \*\*\*\*

CANADA: 6330 0836 CFH- Halifax Metro- 100/850 - WX b/c (Alexander-IA)  
 13510 2158 CFH- Halifax - 100/850r - WX b/c (Devendorf-CA)  
 GIBALTAR: 17467a 1900 GYU- RN 100/850r Fox test (Osterman-KY)

PUERTO RICO: 10710 0645 NAU- USN Ponce- 66/850 - wkg ZRH (Duplex) (Devendorf-GA)  
 SHIP: 12514a 2023 UUAR- USSR vessel TRAKAI-66/170r clg URB2 (Osterman-KY)  
 SOUTH AFRICA: 10296 0645 ZRH- SA Navy Capetown- 66/850- AMVER tfc with NAU (Devendorf)

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

CANADA: 500 CW ---- WCF- Mont Joli wkg vessel YTKL ROSANKA (Ricciuto-NY)  
 SHIP: 500 CW 0105 H3QB EVERJUST clg WCL Roger-City MN (Ricciuto-NY)  
 U.S.A.: 332 AM 1736 morse "DC" over aero WX b/c- Washington DC (Fournier-VA)

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

From Juergen Trochimczyk, W. Germany comes the following long wave beacon & time sta QSL returns. All in 14 to 35 days. Czech. & England were card, all others were PFCs.

HOLLAND: TWN-335.5 khz-Twenthe:: ZL-340 khz-Zuid Limburg:: WDT-345 khz-Woensrecht::  
 LAK-347.5 khz-Lake:: ROT-350 khz-Rotterdam:: GV-364 khz-Scheveningen::  
 NW-374 khz-Zuid Limburg:: SPY-381 khz-Spykerboor:: GUL-383.5 khz-Gulpen:: TGE-391-Teuge  
 EHV-397 khz-Eindhoven:: THN-514 khz-Thorn::  
CZECHOSLOVAKIA: OMA-50 khz-Time sta-Liblice:: ENGLAND: MSF-60 khz- Time sta- Rugby::  
LUXEMBOURG: DIK-307 khz-Diekirch:: WLU-346 khz-Luxembourg:: ELU-368.5 khz-Luxembourg

ARGENTINA: LQB9- Instituto Geografico Militar -f/d card for 1 IRC SSrpt in 34 days  
 8167.5 khz vs Carlos A. Kurtz (Chinsky-NY)  
 BARBADOS: SPX- C&W Ltd Bridgetown - f/d QSL Folder for MS-EErpt in 24 days  
 10115 khz vs C.A. Hinds (Chinsky-NY)  
 BRAZIL: EMBRATEL Santa Cruz sta - f/d card in 30 days no rp 14605 khz  
 vs Leibrich Cruzman (Haskett-IN)  
 GUAM: AIE- Andersen AFB freq only ltr in 60 days for MS EErpt 13201 khz  
 vs. Donald W. Hudson Jr TSgt (Chinsky-NY)  
 IRELAND: EIP-Shannon Aeradio- date/freq ltr in 30 days for 1 IRC EErpt 8833 khz  
 vs. Bill Sullivan (Cuppy-IN)  
 ITALY: ICB- Genoa - ltr in 40 days for 2 IRCs EErpt 17182 khz (Walters-NJ)  
 NEW ZEALAND: ZLO-RNZN Waiouru f/d ltr in 23 days for 2 IRCs EErpt 8598 khz  
 vs J.R. Still (Coleman-MA)  
 SWITZERLAND: HEC17- Radio Suisse f/d card in 17 days for 2 IRCs EErpt 17203.5 (Walters-NJ)  
 BEACONS: WI- 185 khz Owings MD-HAM (W3WI) card & ltr in 5 days (Holbrook-MD)  
 AAW- 212 khz Randolph County Airport, IN PFC in 134 days (Holbrook-MD)  
 HZP- 248 khz Zionsville IN airport PFC in 137 days (Holbrook-MD)  
 CTC- 293 khz Man, WV PFC in 45 days (Holbrook-MD)  
 UT- 323 khz Calcasieu C.G. Sta LA PFC in 150 days (Holbrook-MD)  
 LQX- 339 khz Leighten, PA PFC in 7 days (Holbrook-MD)  
 TBG- 311 khz USAF Tobago Panama PFC in 227 days (Holbrook-MD)  
 BSD-323 khz St. Davids Head, Bermuda ltr in 70 days (Holbrook-MD)  
 FLS- 385 khz Flores Aerodrome Guatemala PFC in 82 days (Holbrook-MD)  
 SHIPS: WGRS Monticello Victory (Tanker) ltr in 70 days 500khz (Holbrook-MD)  
 A8GI Asia Industry (Car carrier) PFC in 70 days 500khz (Holbrook-MD)  
 HOPA Concorde Fuji (Cargo) ltr & photo in 51 days 500khz (Holbrook-MD)  
 KNFN Mason Lykes (Cargo/Passenger) ltr in 89 days 500khz (Holbrook-MD)  
 WVFZ President McKinley (Container) ltr in 30 days 8370khz (Holbrook-MD)  
 KRDH President Fillmore (Container) ltr in 62 days 8370khz (Holbrook-MD)  
 ELXG Galini (Petro coke) ltr in 49 days 16721.6khz (Holbrook-MD)  
 GSAU Alva Bay (Ore/Bulk/Oil) PFC in 270 days 16734khz (Holbrook-MD)  
 GUIP Lembulus (Tanker) ltr & photo in 41 days 22230khz (Holbrook-MD)

\* Another hint of a disturbing trend in USAF QSLing policy - RE: AFCS Reg #100-83.....  
 Recent QSL return from SWAN 12 (54th WRS Guam) was on the AFCS Form 2 card, giving only the a/c tactical call sign & freq. Card was signed by the Base Frequency Manager. Along with the returned blank PFC was a notation from the a/c commander of SWAN 12. He stated that regulations required the use of the AFCS card instead of the submitted f/d PFC. If this trend becomes widespread, then for USAF a/c buffs, the Form 2 card, from a practical information standpoint, is but a useless minimal data QSL.....

\* From Rodney Alexander comes info on these Sept column unidentifieds.. (Your editor missed this one in a Big way, for I even typed it up in the Europe sub-section no less!!)  
 LZW on 12840a was of course, LZW5 Varna, Bulgaria. Rod also advises that the station on 9427a could be what was once called, "RGA" (Russian Commercial Administrative) It was active in the 1960s in CW, RTTY, and USB modes.....

To Novice Utes: Your logging date & times MUST BE to GMT standards. Not your local time!!!

A note about using "clg" & "wkg"..clg (calling) should only be used if a sta hails, but DOES NOT make contact...wkg (working) is to denote that it was a completed 2-way comm...  
 To those who type or handwrite loggings: please space it, so in strip form, the logging will be no narrower than 1/2 inch. Anything smaller is very difficult to work with.....

\* This month we had a total of 46 contributors.. Let's go for 50 next month...

That's it for now.... 73s everyone....



It is our sad duty to inform you that Bob Donly passed away a few days after completing this column. Bob had been with us for quite some time now and it was a complete shock to hear of his untimely death. Please send loggings for this column to HQ's until a new editor can be found. Let's all also say a small prayer for Bob and his family. (jt)



Editor: Bob Donly

October, and there is not much "going down" except the leaves from trees. It's still pretty hot and dry here in the Southeastern portion of The States, and there does not seem to be any immediate relief in sight.

Congratulations are extended to Charles Dobbins who is the fourth SPEEDXer to receive a QSL from The Falkland Islands Broadcasting Station. Charles' card carries the number 54.

SPEEDXer, Chris Lobdell, found that The Deutsche Welle relay sites will not verify via letter as some of the BBC relay sites have been doing. Chris sent a taped report direct to the site, but received only a nice letter from the Chief Engineer saying that he must send the report to Cologne.

Carl Huffaker passes on the information to members who are active in the engineering profession, that the Latin American custom is to use the title "Ing." in front of their name for even social correspondence. He finds that it creates a good relationship to use it on reports to Central, and South America.

On a post card from Radio Australia, received by Steve Heyman, the following policy is provided. "We are sorry to have to tell you that owing to staff, and financial restrictions, we are, at present, unable to continue The Listeners Club, verify reception reports, or maintain a mailing list. We hope we may be able to re-introduce these services at a later date". Another major broadcaster feeling the pinch of world inflation.

William Parks checks in with QSLs from The Cape Verde Islands, and from The Democratic Yemen Broadcasting Service from the country of The People's Democratic Republic of Yemen. This station is seldom heard, and it has been a long time since a SPEEDXer has received a QSL.

Zambia is now being heard, at some locations, around 03 hours 30 on 4911kHz, and Chris Lobdell managed to get one of their rare QSLs - see The Africa Section.

A fair number of reporters (60) reporting this month, 6 for the first time. Keep it up - it's your club and I can only report what you send in.

Away we go !

#### Europe

AUSTRIA: ORF, 9770, 12015, 15410. F/d cds in 38-129ds air, for 2 IRCs no rp. "Contemporary Austrian Art" cds. (SILVA CA)(HEYMAN NY)(SMITH FL)(FISCHER GERMANY)(MILLER CA)

BELGIUM: BRT/ORU, 11380, 15210, 15385. F/d cds in 20-108ds air, no rp. "The Halls and the Tower of the Belfrey", "B. F. Modulator", Market Square" etc. (SMITH FL)(SERSHON IL)(HEYMAN NY)(WHETZEL IN)(AUCOIN LA), + pennant (FACCIOLI URUGUAY)

BULGARIA: R. Sofia, 11750, f/d "Soviet Army Monument" cd in 78d air, for 1 IRC (CUNNINGHAM CA)

CZECHOSLOVAKIA: R. Prague, 5930, f/d "Banska Bystrica" cd in 98d sfc, no rp (SMITH FL), 7345, same cd in 96d sfc, no rp (SMITH FL), 11990, f/d no desc. cd in 68d air, no rp (DITTRICH FL)

DENMARK: R. Denmark, 15165, f/d "Radiohouse Aerial Tower" cd in 14d air, no rp (CURNELL OR)

FINLAND: R. Finland, 15400, no/data "Summer in Finland" cd in 34d air, no rp (BICKEL CA), same cd in 61d air, no rp (HEYMAN NY), 21475, same cd in 24d air, for 2 IRCs (GONZALEZ NY)

FRANCE: R. France International, 17795, 21520, 21580, 25900. F/d "Tour Eiffel" cds in 15-34ds air, no rp. (VIAU QUE)(FLYNN CA), + pennant (MILLER CA)(CURNELL OR)

GERMANY(Democratic Rep.): RBI, 9600, 9730, 11890, 11975, 15420, 21540. F/d cds in 23-195 ds air, for MS no rp. "Anniversary 30th", Clock Tower, Map of East Germany etc. (SMITH FL)(FACCIOLI URUGUAY)(DOBBINS MD)(HUFFAKER MEXICO)(HEYMAN NY)(O'BRIEN AUSTRALIA), + pennant (ERAMO MA)

GERMANY(Federal Rep.): Deutsche Welle, 3995, no/data Logo cd in 35d, no rp (VIAU QUE), 15105, same cd in 36d, no rp (VIAU QUE), freq ?, same cd in 22d air, no rp (SCHIEDER-MAYER WI)

GREECE: V. of Greece, 9515, f/d "Rhodes Beach" cd in 29d air, no rp (SMITH FL), 11730, f/d "View of Vrontados" cd in 63d sfc, no rp (BLEDSOE MO), f/d "View of Vrontados" cd in 29d air, for 2 IRCs (SERSHON IL)

.. Many people who say they're fit as a fiddle look more like a bass drum ..

HOLLAND: R. Nederland, 6165, 9590, 17605, 17610. F/d "Special Queen Beatrix" and "Authentic Costumes" cds in 21-79ds air and sfc, no rp. (MUNSTER GA)(FACCIOLI URUGUAY)(VIAU QUE)(WHETZEL IN)

HUNGARY: R. Budapest, 9835, 11910, 17710. F/d cds in 42-91ds air and sfc, for 1-2 IRCs no rp. "Drawing of Budapest", Spiral Logo Cd. etc. (SMITH FL)(CURNELL OR)(SILVA CA)(T. HALL CA)

ITALY: RAI, 9575, f/d "Giorgione Castle" cd in 108d sfc, no rp (BICKEL CA), f/d Painting of a Lady cd in 83d air, no rp. (WHETZEL IN)

LUXEMBOURG: R. Luxembourg, 6090. F/d Antenna Tower Logo cds in 45-210ds air, for 1-2 IRCs, and in 93-241ds air and sfc no rp. (ERAMO MA)(SERSHON IL)(FARMER TN)(ROCHA CA)(HUDDLESTON TX)(JOHNSON IL)(HEYMAN NY)

MALTA: IBRA, 9510, f/d "IBRA Radio Reaching Africa" cd in 67d sfc, no rp (PARKS FL)

MONACO: TWR, 7250, 9495. F/d "Monte Carlo by the Sea" cds in 20-76ds air, for 1-2 IRCs no rp. (SMITH FL)(CUPPY IN)(FARMER TN)(BLEDSOE MO)

NORWAY: R. Norway, 15175, f/d "Ferry Kaupanger" cd in 32d air, no rp (FACCIOLI URUGUAY), f/d Village with Lake at the Mountains cd in 60d air, no rp (WHETZEL IN)

POLAND: Polskie R./R. Polonia, 7270, 9525, 15120. F/d cds in 35-130ds air, for 1 IRC no rp. "Lazienki Park", "Royal Castle" etc. (AUDETTE MA)(SMITH FL)(GONZALEZ NY)(CURNELL OR)(CUNNINGHAM CA)(HUFFAKER MEXICO)

PORTUGAL: R. Portugal, 11925, 15125, 21530. F/d cds in 31-46ds air, for 1-2 IRCs no rp. "Candlestick", "Massacre Painting", "Museu Calo-uste Gulbenkian" etc. (VAN BEURDEN CA)(SLOVINSKI CA)(HOLBROOK MD)

R. Free Europe, 17735, freq/only Map cd in 35d air, no rp (HUFFAKER MEXICO)

R. Japan via Sines, 15180, f/d "Straw Horse" cd in 19d air, no rp. (TOIA ITALY)

ROMANIA: R. Bucharest, 5990, f/d "Calimahesti SPA" cd in 130d air, no rp (SLOVINSKI CA), 9570, f/d "Vidraru Dam" cd in 118d air, no rp (HEYMAN NY), 11940, f/d "Borsa Mountain Resort" cd in 82d air, no rp (BICKEL CA)

SPAIN: R. Exterior Espana, 9630, 11880. F/d cds in 32-48ds air, no rp. "Sierra Nevada", "Formentera Baleares" etc. (VIAU QUE)(SMITH FL)(HEYMAN NY)(THOMPSON NM)

SWEDEN: R. Sweden, 15290, no/data Map cd in 23d air, for 1 IRC (HOLBROOK MD), 15315, same in 21d air, for 2 IRCs (SILVA CA)

SWITZERLAND: Swiss R. International, 9725, f/d "Rouges-Terres" cd in ?d sfc, no rp (SMITH FL), same cd in 51d sfc, no rp (SMITH FL), Mountain Countryside f/d cd + stickers in 49d air, no rp (WHETZEL IN), 11715, f/d "Fribourg Switzerland" cd in 40d sfc, for 1 IRC (McCURDY CA), f/d "Rouges-Terres" cd in 19d air, for 1 IRC (THOMPSON NM), 17840, part/data(?) "Rouges-Terres" cd in 28d, no rp (VIAU QUE)

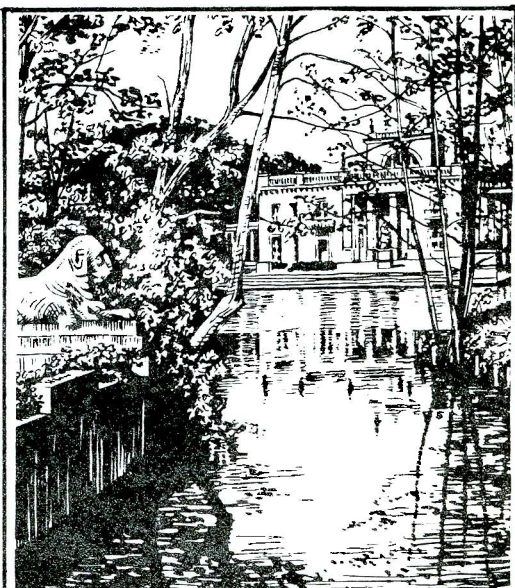
USSR: R. Moscow, 9660(Ivano-Frankovsk), 9785(Zhigulevsk), 11720(Moscow), 11720(Lvov), 11745(Minsk), 11780(Tbilisi), 12030, 12030(Moscow), 12050(Khabarovsk), 12060(Vinnitsa), 15150(Minsk), 15240(Petr.-Kam.), 15320(Kingisepp), 15535(Frunze), 15540(Minsk), 15520(Simperopol), 21490(Irkutsk), 21530(Irkutsk), 21615(Riga), 21740(Erevan), 21750(Vinnitsa).

F/d cds in 22-64ds air, no rp. "Olympic Bear", "Old Theatre", "Kremlin and Red Square" etc. (DITTRICH FL)(CUPPY IN)(SMITH FL)(MAISE LA)(HEYMAN NY)(O'RIORDAN ID)(D'ANGELO PA)(S. HALL CA)(HOLBROOK MD)

R. Baku, 4785. F/d black/white cds + post cards in 87-117ds air and sfc, no rp (PARKS FL)(DITTRICH FL)

R. Kiev, 12060, f/d Five Scenes cd + pennant in 300d air, no rp (STONE ONT), 15100, f/d "View of the Dnieper River" cd in 119d air, no rp (BICKEL CA), 15180, f/d "Rusanivka, New Residential District" cd in 92d air, no rp (BLEDSOE MO)

.. Why Can't life's big problems come when we are twenty and know everything ..



Warsaw - Lazienki Park

## RADIO POLONIA

Thanks to: David Audette

USSR(continued): R. Station Peace and Progress, 19metres, f/d yellow Logo cd in 58d air, no rp (SMITH FL), f/d "Red Square" cd in 49d air, no rp (HUDDLESTON TX)  
 R. Riga, 5935, f/d Roof Tops cd in 90d, no rp (O'RIORDAN ID)  
 R. Rodina, 15260, f/d Moscow cd with Rodina acknowledgement in 50d air, for 1 IRC (HEYMAN NY)  
 R. Tashkent, 15460. F/d cds in 38-47ds air, for 1 IRC no rp. Map Design (HEYMAN NY), "Old and New Buildings" (AUDETTE MA), "Mosque" (BICKEL CA)  
 R. Vilnius, 7215, f/d folder Logo cd in 91d air, no rp (TOIA ITALY), 15245, f/d "Lietovs Televizija ir Radijas" cd in 74d sfc, no rp (JOHNSON IL)  
 R. Yerevan, 15120, f/d Schedule folder with QSL inserted in 141d sfc, for 1 IRC, rptd. in RR (S. HALL CA), 17870, same in 72d air, no rp (PARKS FL) (Ed. note: Please do not indicate USSR sites unless so indicated on your QSL.  
 VATICAN CITY STATE: R. Vaticana, 9605, f/d Antenna cd in 22d air, for 1 IRC (HOLBROOK MD), 9615, f/d Religious Painting cd in 102d air, for MS (O'BRIEN AUSTRALIA), 11845, f/d Rotating Antenna cd in 18d air, for 1 IRC (HOLBROOK MD)

### Africa

BENIN(People's Rep.): ORTB, 4870, f/d Multi-scenes cd in 95d air, no rp (TOIA ITALY)  
 CAMEROON(United Rep.): R. Garoua, 5010, f/d no desc. ltr. in 144d sfc, for 1 IRC, rptd. in FF, v/s S. Ngoura (DITTRICH FL), f/d form ltr. with info. on station in 303d sfc, for 2 IRCs, rptd. in EE (HASSELKUS OH)  
 CAPE VERDE(Rep.): Voz Do Sao Vicente, 4930, date/only white Logo cd in 28d air, for 3 IRCs (PARKS FL) Very good Bill. bd  
 EGYPT(Arab Rep.): R. Cairo, 9805, f/d "Scene of the Nile" cd + calendar, schedule and personal ltr. from Rita in 36d air, for 2 IRCs (DONLY SC), 12050, f/d "Sphinx" cd in 95d air after second rpt. for 1 IRC, v/s Rita (HASSELKUS OH)  
 GABON: Rdif. TV Gabonaise, 4777, f/d Map folder cd in 55d air, for 1 IRC, rptd. in FF (DITTRICH FL)  
 GHANA: GBC, 4915, f/d green/yellow/red striped cd in 138d air, no rp (T HALL CA)  
 IVORY COAST: Rdif. Ivorienne, 7215, date/freq. Antenna Map cd in 55d air, for 2 IRCs (AUDETTE MA)  
 Kenya: V. of Kenya, 4915, f/d blue Aerogramme in 23d air, for 2 IRCs, v/s Indrajit Kaura (PARKS FL)  
 LIBERIA: VOA Relay, 21660, f/d "Satellite Americom" cd in 9d sfc no rp (HOLBROOK MD)  
 MADAGASCAR(Democratic Rep.): R. Nederland Relay, 11735, f/d "Authentic Costumes" cd in 16d air, for 2 IRCs (SLOVINSKI CA)  
 NIGERIA: V. of Nigeria, 7255, f/d "Balewa Square" cd in 29d air, for 1 IRC (ROCHA CA), 15120, f/d "Remembrance Arcade" cd in 153d air, no rp (HEYMAN NY)  
 FRC Lagos, 4990, f/d "Traditional Costumes" cd in 142d sfc, no rp (TOIA ITALY)  
 FRC Kaduna, 4770, f/d Ltr. with station info. in 55d sfc no rp (AUDETTE MA)  
 SEYCHELLES: FEBA, 15160, no/data globe cd in 215d sfc, for 3 IRCs (EVANS TN), freq.?, f/d Yellow Map cd in 121d air, for MS (O'BRIEN AUSTRALIA)  
 SIERRA LEONE: SLBS, 5980, F/d form ltrs. in 39-75ds air, for 2 IRCs. (DOBBINS MD)(PARKS FL)(O'RIORDAN ID)  
 SOUTH AFRICA: RSA, 17780, 21535. F/d cds in 24-28ds air, for 2 IRCs no rp. (HOLBROOK MD) + pennant (VAN BEURDEN CA)  
 TOGO: Rdif TV Togolaise/Lama-Kara, 3222, date/time cd with schedule in 240d air after registered follow-up, for FF rpt. and MS (LOBDELL MA), f/d cd with red/green/yellow/purple lettering in 240d, for FF rpt. and 2 IRCs (DOBBINS MD)

ZAMBIA: ZBS, 4911, f/d plain white cd in 30d air, for MS, v/s Peter Musuba, earlier rpts. and follow-ups never answered. Note said J. C. Onken heard same broadcast (LOBDELL MA)  
 ZIMBABWE: ZBC, 3396, f/d very large Map cd in 87d air, for 2 IRCs, v/s R. Oiren (HASSELKUS OH)

### CONFIRMATION

We thank you for your reception report and have pleasure in confirming that this is in accordance with our scheduled programme

Date: JULY 16, 1986

Time: 0330-0433 GMT

Frequency: 4911 kHz

Programme: Asvrytel

Remarks: Mr. J.C. Onken of 113 South Central Ave

Koanaka 14, 10/15/86

had similar rpt.

PETER MUSUBA  
 for Chief Engineer,  
 Zambia Broadcasting Services.

Thanks to: Chris  
 Lobdell for ZBS  
 reproduction

Asia

AFGHANISTAN: R. Afghanistan, 15075, "Bamyan Buddha" cd in 35d air, for 1 IRC (HASSELKUS OH)

CHINA(People's Rep.): R. Peking, 9460, 15100, 15120, 15520, 17680, 17855. F/d and date/freq. cds in 14-60ds air, fpr 2 IRCs no rp. "Night View of Broadcast Building", "Tze-ming", Girl and Giraffe etc. (SILVA CA)(CURNELL OR)(HOLBROOK MD)(AUDETTE MA)(TOIA ITALY)(SMITH FL)(MILLER CA)(HUDDLESTON TX)(O'RIORDAN ID)

CPBS, 9470, f/d Ships Crain and Railroad Engine cd in 18d air, no rp (HOLBROOK MD)

CYPRUS: CBC, f/d Peasant Girl + Venus on Island cd in 64d air, for 2 IRCs (PARKS FL)

INDIA: AIR, 11620, f/d "City Palace Udaipur Rajasthan" cd in 190d sfc, no rp (SMITH FL), f/d "Palace Mandir Amber" cd in 164d sfc, no rp (SMITH FL), f/d "Painted Storks" cd in 105d air, for 1 IRC (ERAMO MA), f/d "Kangra Temple" cd in 183d sfc, for 1 IRC (DITTRICH FL), f/d Street Scene in Hyderabad cd in 142d sfc, no rp (JOHNSON IL), 15190, f/d "Tarnadevi Temple" cd in 298d air, no rp (FACCIOLI URUGUAY)

INDONESIA: V. of INDONESIA, 11790, f/d Wedding Ceremony in Central Java cd in 152d air, no rp (D'ANGELO PA), 15200, f/d "Girl from Northern Sumatra" cd in 163d air, for 1 IRC (AUDETTE MA)

IRAQ: R. Baghdad, 9745, f/d Large Map cd in 71d air, for 3 IRCs (SERSHON IL)

ISRAEL: IBA/Kol Israel, 9815, 11610, 11638, 15105, 15582. F/d cds in 21-67ds air, for 1-3 IRCs no rp. "Tel Aviv", "Dead Sea Scrolls", "Agricultural Pioneers" etc. (ERAMO MA) (FALLOWS ONT)(WHETZEL IN)(STONE ONT)(CURNELL OR)(HUFFAKER MEXICO) (MAISE LA)(NARVA MD)

JAPAN: R. Japan, 9505, 11875, 15270, 15310, 17755. F/d and date/freq. cds in 20-62ds air, for MS no rp. "Bamboo Grove", "Water Lilies", R Japan Studios etc. (MUNSTER GA) (O'BRIEN AUSTRALIA)(WHETZEL IN) (VAN BEURDEN CA)(CURNELL OR)(MILLER CA)(THOMPSON NM)

NSB, 3925, 9595. F/d "1980 Globe and Satellite" cds in 143-450ds air, for 1-2 IRCs and in 80-212ds air no rp. (OAKLEY OR)(BICKEL CA) (HUDDLESTON TX)(SAVAGE CA)(MAISE LA)(CUNNINGHAM CA)(HASSELKUS OH)

JORDAN: R. Jordan, 9530, f/d old purple Mimeo ltr. in 46d air, for 2 IRCs (WITTE CA)

KOREA(Dem. People's Rep.): R. Pyongyang, 9977, Korean Play cd + greetings cd in 139d, for 2 IRCs (HASSELKUS OH)

KOREA(Republic): R. Korea, 15375, f/d "KBS Building" cd in 25d air, no rp (CURNELL OR)

KUWAIT: R. Kuwait, 11665, f/d Folder cd in 174d air, for 2 IRCs (S HALL CA), 21545, f/d "Temple" cd in 67d air, for MS (O'BRIEN AUSTRALIA)

MALAYSIA: V. of Malaysia, 15295, f/d "Garden City-Kuala Lumpur" cd in 58d air, for 3 IRCs (HEYMAN NY) R. Malaysia Penang, 4985, f/d "Garden City- Kuala Lumpur" cd in 140d air, no rp (SAVAGE CA)

R. Kuching Sarawak, 7160, f/d "Broadcasting House" cd in 21d air, for 2 IRCs (Rocha Ca) R. Malaysia Penang, 7295, no/data aerogramme stating that QSL will come from Kuala Lumpur, this in 60d air, v/s Ooi Ban Seng (LOBDELL MA)

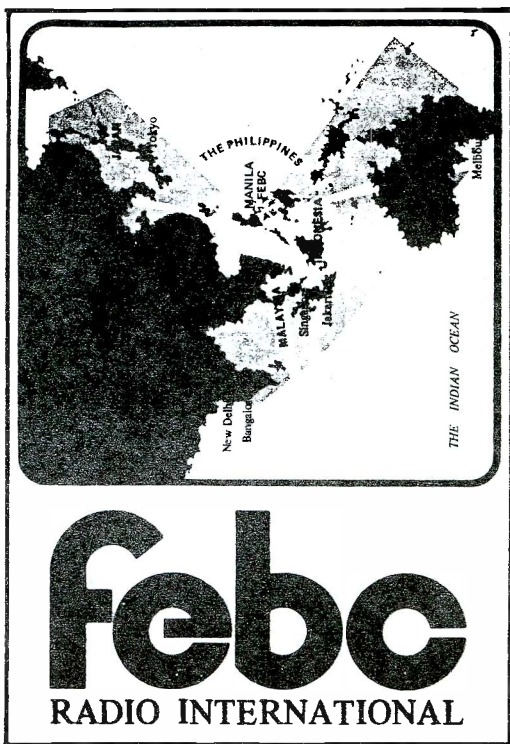
R. Malaysia Sabah, 4970, f/d yellow/black Map cd in 127d sfc, for 2 IRCs (SAVAGE CA)

MONGOLIA: R. Ulan Bator, 12070. F/d "Mongol Horseman" and one blue folder cds in 75-92ds air, for 1-3 IRCs, and in 82-102ds air, no rp.(DOBBINS MD)(BICKEL CA)(MAISE LA)(PARKS FL)(D'ANGELO PA)(DITTRICH FL)

PHILIPPINES: FEBC, 11890. F/d cds in 34-41ds air, for 2 IRCs no rp. Island at Sundown (D'ANGELO PA), Logo and Hut (MARSHALL AZ)

R. Veritas Asia, 15215, Philippines Tourist info. + monitor forms (MILLER CA), 17785, f/d EE Programme Staff cd in 83d air, no rp (MARSHALL AZ)

VOA, 11965, f/d "Satellite Americom" cd in 10d sfc no rp (HOLBROOK MD)



**febc**  
RADIO INTERNATIONAL

Thanks to: Steve Kern

PHILIPPINES(continued): V. of Philippines, 9579, f/d Logo cd + schedule and ltr. apologizing for delay in 135d air, for 2 IRCs, v/s Julie Paderon (LOBDELL MA)

SAUDI ARABIA: BSKSA, 11685, f/d "Crossed Swords" cd in 51d registered air, for no rp (AUDETTE MA), 11855, same cd + post cd and Bedouin Necklace in 84d air, for 1 IRC (FALLOWS ONT) Wow John, you hit the Jackpot! bd

SINGAPORE: R. Singapore, 11940, f/d new blue/yellow Logo cd in 175d air, for 1 IRC (DITTRICH FL), same cd in 36d air, for 2 IRCs (ROCHA CA)

TAIWAN: V. of Free China, 15270. F/d cds in 16-93ds air, for 1-3 IRCs. "Ming Dynasty Vase (SILVA CA), same cd + pennant (VAN BEURDEN CA), "Horse Painting" + pennant (HASSELKUS OH)

TURKEY: V. of Turkey, 15360, f/d Seven Women Dancing" cd + pennant in 36d air, for 2 IRCs (SERSHON IL)

UNITED ARAB EMIRATES: R. Colour TV Dubai, 21485, 21700. F/d Map-Logo cds and f/d form ltrs. in 34-47ds air, for 1 IRC, and in 32-48ds air no rp. Cards (HOLBROOK MD)(FACCIOLI URUGUAY), Letters (DITTRICH FL)(FLYNN CA)(MARSHALL AZ)(HILLIKER CA)(AUDETTE MA)

VIETNAM(Socialist Rep.): V. of Vietnam, 10040, 12035, 15012. F/d ltrs with Greetings from Vietnam in 91-302ds air, for 1 IRC no rp. (HASSELKUS OH), + Map cd (DOBBINS MD), + pennant (FACCIOLI URUGUAY)

YEMEN(Arab Rep.): R. San'a, 9780, date/freq. form ltr. in 245d sfc, for 1 IRC (KASPRZYK TX), same ltr. in 227d sfc, no rp (BERES CT)

YEMEN(People's Democratic Rep.): Democratic Yemen Broadcasting Service, 7190, date/freq. pink Antenna Logo cd in 104d air, for 2 IRCs (PARKS FL) A good one! bd

### Oceania

AUSTRALIA: ABC/VL16, 6090, f/d Map cd in 14d air, for 2 IRCs (WITTE CA)

GUAM: TWR/KTWR, 11735, 11840, 15365. F/d cds in 22-44ds air, for 1-2 IRCs no rp. Globe Logo (D'ANGELO PA), Commemorative Listeners Log (ROCHA CA)(FACCIOLI URUGUAY)

NEW CALEDONIA: FR-3/Nooumea, 7170, f/d Map ltr. in 42d air, for 2 IRCs (DOBBINS MD)

New Zealand: R. New Zealand, 15345, f/d Mountain Scene cd in 14d air, for 3 IRCs (SLOVINSKI CA), f/d "New Zealand Calling" cd + pennant in 42d air, for 3 IRCs (SILVA CA), 17860, f/d Lake with Fog cd in 23d air, for 3 IRCs (BLEDSOE MO), f/d "New Zealand Calling" cd + pennant in 25d air, for 3 IRCs (CURNELL OR)

PAPUA NEW GUINEA: R. Central, 3290, date/freq. ltr. + packet of programme schedules in 61d air, for 3 IRCs (OAKLEY OR)

R. East Sepik, 3335, f/d Map cd in 67d air, for 1 IRC, this via Boroko (DITTRICH FL)

R. Madang, 3260, f/d Map cd in 67d air, for 1 IRC (DITTRICH FL)

R. Milne Bay, 3360, f/d NBC Map cd in 138d air, for 1 IRC (S HALL CA)

R. Southern Highlands, 3275, f/d NBC Map cd in 39d sfc, via Boroko, for MS (FLYNN CA)

SOCIETY ISLANDS: FR-3/Tahiti, 15170, f/d Island Girl cd in 35d air, for 1 IRC (DOBBINS MD)

SOLOMON Islands: SIBC, 5020, f/d black/white Logo cd in ?d, for ?postage (DOBBINS MD), 9545, same cd in 40d air, no rp (HUFFAKER MEXICO)

VANUATU: R. Vanuatu, 7260. F/d "Tam Tam - Head of Split Gong" cds in 20-61ds air, for 1-3 IRCs, and in 23-39ds air, no rp. v/s I. J. Irving (MARSHALL AZ)(HILLIKER CA)(PARKS FL)(HIDDLESTON TX)(VAN BEURDEN CA)(VIAU QUE)(FACCIOLI URUGUAY)(FLYNN CA)(HEYMAN NY)

Mr. Irving's pen must be nearly out of ink by now, he really has sent a number of cds during the last 5 months bd

### South America

ARGENTINA: R. Nacional, 6060, f/d blue Logo cd + form ltr. and post card in 29d air, for 1 IRC (CURNELL OR)

R. El Mundo, 11755, f/d long blue/white Logo cd in 30d sfc, for SS rpt. and MS, v/s Amelia Ferreras (FLYNN CA)

BRAZIL: Radio Nacional/Radio Bras, 15290, f/d no desc. cd + stickers in 122d air, no rp (FARMER TN), f/d "Modern Building at Night" cd in 127d air, no rp (JOHNSON IL)

R. Clube Do Para, 4855, f/d no desc. cd in 36d air, no rp (TOIA ITALY)

R. Marumbi Limitada, 9675, no/data personal ltr. + post cards and stamps in 15d air, for PP rpt. and 2 IRCs (ROCHA CA)

R. Ribeiro Prato, 3205, date/only Aerial View of City cd in 18d air, for PP rpt. no rp, v/s Octavio De Souza Silveira DG (FLYNN CA)

R. Tabajara, 4795, f/d printed on inside of post card packet in 1 year air, for PP rpt. and MS, v/s Roberto Carlos A. De Oliveira (LAZARUS LA)

R. Televisao Cultura, 17815, no/data PP ltr. + transmitter cd and decal in 90d sfc, for PP rpt. and 2 IRCs, v/s Olimpico Franco (ROCHA CA)

COLOMBIA: Emisora Nueva Granada, 6160, date/only Photo of Cadena Nacional Mobile Equipment cd in 24d air, for SS rpt. and no rp, v/s Carlos Lulle Borda (HUFFAKER MEXICO)

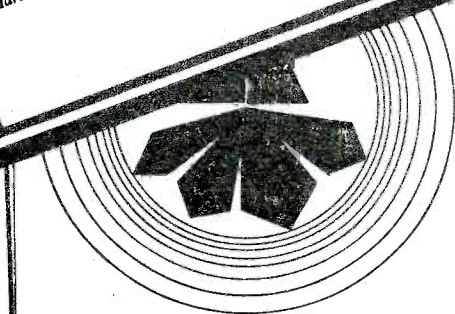
La Voz del Cinaruco, 4865, date/freq. large Logo cd in 339d sfc, for SS rpt. and MS (AUDETTE MA)

R. Super de Cali, 6085, date/freq. personal SS ltr. listing power as 1000 watts + colour post card in 90d air, for SS rpt. and MS, v/s Josue Francisco Hernandez - Depto. Tecnico (LOBDELL MA)



Honoring of the Philippines  
 Office of the President  
 NATIONAL MEDIA  
 PRODUCTION CENTER  
 RADIO PHELMINAS  
 VOP  
 Head Office  
 1000 Legaspi Street, Manila  
 1000 Legaspi Street, Manila  
 1000 Legaspi Street, Manila  
 1000 Legaspi Street, Manila  
 1000 Legaspi Street, Manila  
 1000 Legaspi Street, Manila

Date: 7 August 1980  
 Your reception report of 25 March 1980 on  
 freq. 9.580 MHZ <sup>was</sup> at 1003-1030 GMT  
 has  
 been verified against our log and found to be correct.  
 Maraming salamat!  
*J. K.*  
 Radyo Pilipinas



*Pagik Kuib*

**H**  
**C**  
**J**  
**B**  
 GREAT CIRCLE MAP

**qsl**  
**POTPOURRI**

# Tips and Topics

The Feature Section of SPEEDX

EDITOR: ARTHUR S. GETZEL - 70-29 KISSENA BLVD - FLUSHING - NY 11367

## BBC FAR EASTERN RELAY

by Adrian M. Peterson

During the past 35 years, the BBC Far Eastern Relay Station has utilized a total of at least 9 different locations for its transmitters, receivers and studios. These varied sites are located on Singapore island, and at the southern end of the Malay peninsula.

When the BBC Far Eastern Relay Station commenced broadcasting back in 1945, existing equipment in Singapore was pressed into service. This included the transmitter base at Jurong and the studio complex on Caldecott Hill.

Before World War II, the British Malaya Broadcasting Service had established two transmitters in Singapore, known as ZHL and ZHI. Radio Malaya Singapore operated a limited service on SW and MW, from these low powered outlets.

During World War II, the Japanese Administration established a larger radio base at Jurong, quite close to the now famous and beautiful Jurong Bird Park. Several SW and MW transmitters of 7½ kW and 10 kW were installed. Some of these transmitters had been previously operating at Kuala Lumpur and Penang, and were removed for service in Singapore.

On September 3, 1945, the British Far Eastern Broadcasting Service was set up. Studios and offices were located at Caldecott Hill off Thomson Road just opposite the large estate which forms the Far East headquarters of the Seventh-Day Adventist Church. At this stage, three transmitters of 7½ kW, located at Jurong were used for the British broadcasting service. The 35 kW transmitters of 10 kW each were used by Radio Malaya for their service in 3 languages. At the time Singapore was the capital of Malaya and the headquarters for Radio Malaya. Programming consisted of relays from the BBC, local and London productions in Asian languages, and special programs for Commonwealth and American servicemen.

In 1946, when the civil government in Singapore took over from the military government, the control of the British interests in the Singapore radio station passed fully to the BBC. At this time also, there came a clear separation between the BBC and the British Forces Broadcasting Service. In the early days, VOA and AFRTS were intermingled, and later, there came a clear line of distinction between the broadcasts of the two organizations. Likewise, BBC and BFBS were at first intermingled, and in 1946, the two organizations in Singapore were set up separately.

The first radio broadcasts from the newly independent BFBS were made from one of the original 7½ kW transmitters located at Jurong. Later, the 5 kW FM outlet was established at Tanglin. However, when the BFBS was no longer required in Singapore, the FM outlet was handed over to the BBC, and the SW outlet was handed over to Radio TV Singapore.

In the early 1950s, the power of some of the 7½ kW transmitters at Jurong was increased to 15 kW, and two transmitters of 100 kW were installed.

Meanwhile, work had commenced on a large estate at Tebrau for the construction of a BBC relay base. Tebrau is an outer suburb of Johore Bahru, just across the causeway from Singapore island. The large BBC estate of several hundred acres was situated in verdant undulating country just outside Tebrau. The original equipment at Tebrau consisted of 6 SW transmitters. Four of these were new 7½ kW units, and two of these were 100 kW units removed from the radio base at Jurong in Singapore. However, later, additional higher powered transmitters were added, and the smaller units were withdrawn from service. This modernization plan was implemented in the 1960's. At the height of its electronic greatness, the BBC Tebrau had 6 transmitters of 100 kW and four transmitters of 250 kW.

Announcements over the years from the BBC station in the Far East have been as follows:

This is the British Forces Broadcasting Service  
This is the BBC Far Eastern Station, Singapore  
This is the BBC Far Eastern Relay Station



More recently, when it became clear that the Malaysian authorities would not permit the renewal of the lease to broadcast from Tebrau (though a temporary extension was granted) arrangements were made for the BBC Far Eastern Relay Station to return to Singapore island. A new site of some 4 swampy acres was chosen at Kranji on the northern edge of the island. After extensive filling, construction work was commenced, and ultimately a beautiful new relay station was established. There is a large two storey transmitter building, and 18 self supporting antenna masts. There are now 8 transmitters in the building, four of 100 kW and 4 of 250 kW, all of which were transferred over from Tebrau. The 2 old transmitters of 100 kW at Tebrau (which were earlier located at Jurong Singapore) have been abandoned. The 22 antenna systems are mainly slewable and reversible wide-band curtains, though there are 2 or 3 special antennas developed by BBC engineering.

The first two transmitters at Kranji became operational on February 1, 1973. The third on July 1 and the fourth on August 1. The last broadcasts from the BBC base at Tebrau were made on March 18, 1979, and the 8 transmitters at Kranji became fully operational on March 19, this year.

Although extensive programming was earlier produced in the Caldecott Hill studios of the BBC, this activity became unnecessary with improved facilities and centralized production facilities in London. The Caldecott studios were handed over to Radio TV Singapore, and a small emergency and announcement studio was installed at Tebrau.

The first receiver base was located at Kranji, quite close to where the new transmitter base is now situated. This was intended to be a temporary installation, and when Tebrau was established, a larger and more efficient receiver station was installed in Malaysia some miles from the transmitter base.

The new receiver base is located at Polong on the SW edge of Singapore, and two of the receiver masts are actually off shore in the shallow ocean. Programs are fed to Kranji by FM micro-wave link or by multiple channel cable. For several months last year, a satellite relay from London to Singapore was used. The dish antenna and receiver are located on the holiday island of Sentosa.

The least known transmitter operated by the BBC Far Eastern Relay Station is the FM outlet located at Tanglin. This 5 kW station was erected by the BFBS in the Singapore camp of the British Army. This transmitter was placed on the air in the mid-1960's, and was in constant tandem relay with the 10 kW SW outlet on 5010 kHz. The FM service was handed over to the BBC in early 1976 and carries the WS in parallel to the SW outlets from Kranji. The Singapore FM service of the BBC is intended to give coverage of Singapore city. Local announcements are inserted into the FM transmitter circuit on cartridge at opening and close of transmission.

## SONY ICF-2001

by Norman W. Hill

I started searching for an ICF-2001 in February, 1980. Several of my DX friends had no idea where to find one. Even a reputable Sony dealer could not locate the radio. Then a DX friend told me Gilfer had several models they were tinkering around with. Apparently they were Japanese local models of the ICF-2001. I called them and one was sent to me. My only delay was because I sent a personal cheque.

When I received my set, I found out how Japanese the radio was! The instructions and a radio frequency guide were in Japanese and the FM frequency book was for 76-90 MHz. The aero beacons and Mediumwave outlets were for Japan. I found the documents a novelty. This is sort of chique to me.

Technically, the ICF-2001 is number one. Sensitivity is the best of all features. The advert on the last page of the 1980 WRTH is true. "IF IT IS ON THE AIR, YOU'LL RECEIVE IT." I have logged Togo, Cairo (17670), and Iran (15084) without any trouble at all. On FM, this unit outperforms even the ICF-5900W. In my area we now can receive 60-70 stations on FM. Many of these are low powered educational or from an area where Pennsylvania, Virginia, West Virginia, and Maryland meet. Even Philadelphia is possible from here, on the ICF-5900W or ICF-2001. On MW, this receiver does not perform too well. Even WABC - 770 is barely heard. However, LW (150-390 kHz) does provide excellent reception of aero-beacons.

Selectivity is fairly good and you can separate one station from another. However, the 2001 may receive a clearer signal 1 kHz below your RF frequency. Such is the case on 1310, my local. The signal is strongest on 1310 kHz, but audio is clearer on 1309 kHz. However, the receiver does have drawbacks. It seems that the telescoping antenna serves all frequency bands. There is no built in Ferrite antenna. Direction on MW is controlled by a switch. It is more of a RF control though.

Single Side Band it excellent on this receiver. I could unscramble a signal from Aeroflot base at Moscow Airport on 11312, with perfect normal voice. Yes, it is that good on SSB.

The ICF-2001 is portable and can be a touring model. I use it at college every day. The batteries, however, have to be alkaline. Also, there are two sets of batteries, one for the memory and tuning and one for the receiver. Speaking of tuning, this is the best feature of the receiver. Tuning can be done four ways. There is:

1. Programmable tuning (best method)
2. Memory recall (six channels)
3. Scanning (have not mastered yet)
4. Manual Tuning (very long process)

I like my ICF-2001 very much. It is an excellent general coverage receiver. I happily recommend it to any shortwave listener or DXer.

## WHY A WORLD ATLAS

by Terry Lindley

Last year before Christmas I casually mentioned to my daughters that I would like to have a world globe. I planned to use it for educational purposes as well as for DXing. Packed in the box with the globe was a copy of the '79 edition of the "Worldmaster World Atlas" by Rand McNally. This one book has proved to be one hundred times more useful than the globe, although the globe is fun to use to pinpoint locations and see where your station is.

The atlas has a world map and also a map of all the countries of the world. By far the most useful section of the atlas is the alphabetical listing of countries. In addition to the country list, the section gives area in square miles, estimated population, population per square mile, form of government, capital city and predominant languages in use.

Another interesting section, although short (4 pages), is World Facts and Comparisons. This section gives some interesting world facts.

The last section and the longest which is 100 pages is an alphabetical listing of all cities, towns, states, provinces, countries, and parishes in the entire world.

This book is especially helpful to the novice DXer, although the pros may find it helpful also. Have you ever taped the ID of a faint station and then played it back 6 times? Then to think that you have the spelling of the country right you search on a map or a globe in vain. Though many seasoned pros recognize IDs and identify countries right off, unless you are a real "whiz" sooner or later you will find one that will give you trouble.

The 80 edition of the Rand McNally World Atlas is sold at retail for \$6.95 and is available in most bookstores.

## PCIM -161 LCD CLOCK MODULE

by Scott Silva

For people who need a 24-hour clock and are running out of unused wall sockets, the PCIM-161 LCD Clock Module is ideal. The module is small, measuring approximately 1 1/4" x 3/4" x 1/2", yet has a full 1/2" high display. The module itself contains almost all required parts as, in addition to the module, all you need is 1.5 volts DC and two switches to have a fully functioning 24 hour clock. The addition of another switch will provide illumination for the LCD display, and another switch and a buzzer turns the module into a 24 hour alarm clock. The module is available at Radio Shack.

The display continuously shows the time during normal operation. Momentarily pressing the set button results in the date being displayed followed by the day of the week. Pressing the set button twice will cause the seconds to be displayed. Depending on where two solder jumpers are placed, you have the choice of a 12 hour display with AM/FM indicators or a 24 hour display, and you can choose between a month/day display or a day/month (European style) display.

Construction of the 24 hour clock will be simple for anyone who has ever used a soldering iron as all you do is solder hook-up wires between the module, battery holder and the switches. I spent more time cutting the holes in the cabinet which houses my module than I actually did hooking it up.

I am pleased to add that after one month of continuous operation, the module is working fine and has lost only six seconds of time. Remember that a person without a 24 hour clock is a person who is always tuning in WWV!

## DX LOG FILE

by Steve Kennedy

Over the years, a DXer can hear a lot of DX catches, and the ole log can become a huge volume of pages which will become a hassle when you want to look for something you heard over 5 years ago. Why not forget the hassle, and keep your log on file cards?

I keep 2 logs. One is the usual logbook which each entry is logged as it is heard. The other is a file index of DX I have logged. Making the files are a lot simpler than you may think...unless you have over 500 or more stations logged. If you are only a beginner, start on this method immediately!

Obtain from your local stationary store or where you can find paper supplies the following: Several packages of ruled index cards, alphabetical index card separators, and a box or try to keep your files within. I prefer to log my stations by country, but if you prefer, you may file them according to frequency, and you will have an instant WRTH!

Format:

Top line:	Country	Continent		
Line 2	Station Name	Frequency	Date heard	Time GMT
Line 3	Skip			
Line 4	Station Location	Station Call (if any)		
Line 5	QSL signer (if any)	Type of QSL		
Line 6	Skip			
Line 7	Transmitter power	Beam heading if known		
Line 8	Skip			
Line 9	Program info (language, content, etc.)			

The nice thing about a DX file is that all the usual log info can be retrieved quickly if there is a question as to whether the station has been heard before, or has a QSL been received for it. Try it, you'll like it!

## DX-300 HASSLE - THE END

by Hugh R. McSkimming

I purchased a Radio Shack DX-300 Communications Receiver last January and subscribed to SPEEDX shortly thereafter. I am making no attempt to defend the DX-300 here. I, too, experienced the many problems with my set that I read about in SPEEDX and other publications. In my layman's opinion, the set does not perform and has many problems.

Because I live relatively close to Radio Shack's Garden Grove California repair facility, I took my set in to have the MHz Tuning Dial re-aligned to "dead center" and to see if anything could be done about the excessive frequency drift. Nothing could be done for the stability, but the MHz Tuning Dial was re-aligned to my satisfaction. However, this tuning dial worked itself into a state of disrepair within three short weeks.

Today, after almost six months of ownership, I decided that I fell into the category of an unhappy customer. I simply returned the set to the store where I purchased it, explained its shortcomings and my displeasure to the manager and he returned my money, in full. No fuss, no muss.

The article published by SPEEDX in the April issue by C.S. Davis would leave the reader to believe that Radio Shack has a customer policy like that of a back alley used car lot when in fact it does not. Their policy is: "We Service What We Sell"...and they do just that. They also stand behind what they sell with "customer satisfaction" above all else. Their sales Slip explains what to do when dissatisfied with the merchandise. The policy does not change with stores, so if one store closes, merely take the merchandise to another store.

While I would advise anybody who is serious about SWLing (as I have become) against the purchase of a DX-300, I will continue to do business with Radio Shack.... as usual.

Anyone out there want to sell an NRD 505 for about \$379.95????

**TIDBITS** BELGISCHE RADIO EN TELEVISIE: There are two Shortwave Networks completely independent of each other working in the same huge Radio and Television building in Brussels. RTBF is for the French Speaking Community in Belgium and broadcasts only in French. BRT is for the Dutch speaking Community in Belgium, and also broadcasts in English, Spanish, and as of September 1, 1980 in Portuguese for the international audience. The S.E. Asia service of BRT was tried recently on 21475 kHz at 1330-1345 GMT in English. However, R. Nederland Madagascar on 21480 kHz interfered with BRT. Then 21470 kHz was tried but that interfered with the BBC on 21470 kHz. 21465 kHz was then tried but received a lot of interference from RBI German Democratic Republic and Egypt's Foreign Service which are both on 21465 kHz also. (Lena Cocquyt via Bob Zilmer)

VATICAN RADIO'S NEW HUGE TRANSMITTER: When Catholics in mainland China tuned their radios to the Vatican's broadcast of Easter Sunday mass in Chinese last April, they were among those hearing a precedent-setting transmission. The feast day liturgy marked the first such Catholic rite beamed to the continent in their native language since a 1952 papal decision to include the country as part of the radio station's listening audience. The special Chinese Mass concelebrated in Rome, was aired by Vatican Radio in response to a steady outpouring of written requests from China's faithful.

The ~~far~~-reaching broadcast - and other similar ones to distant parts of other continents - are possible through the high-technology marvel of Vatican Radio's 500-kilowatt rotating antenna a few kilometers outside Rome. With it, for example, the station can beam a 30-minute Mass in English to Australia and then, moments later, point its massive antenna toward Tokyo for a talk show in Japanese. The station transmits daily programs in 33 languages to 200 countries, adding to its regular religious airings broadcasts of classical music, cultural reports and the news in seven languages. Only the Vatican, the BBC, Switzerland and Iran possess this technological giant, and Vatican Radio owns the largest of them all.

The new addition to the Vatican's 1000-acre compound outside of Rome was completed 1½ years ago and is considered to be just emerging from its experimental phase. The project cost 225 million lire. Although the huge metal omni-directional antenna resembles an ordinary tower, it sits on a circular metal monorail enabling technicians in the control room to change its direction within minutes. The 200 ton structure takes 10 minutes to complete a 360 degree turn. At the entrance stands a lattice tower (specially designed in the shape of a cross) that holds a string of parabolic antennae catching the electromagnetic waves relayed from central control in St. Peter's.

Vatican Radio has served as the official "mouthpiece" for a half dozen popes in the last half century. Comparing the operation facilities and staff to other major broadcast powers such as the BBC and Radio Free Europe, Vatican Radio ranks near the top in frequency potential, technical sophistication and output of propaganda. Apart from attempts to block its signal years ago, the station has encountered little political harassment for its transmission to China, Russia and Eastern bloc nations. The station has 14 departments for Eastern Europe alone. The regular 24 hour radio programming consists of 20 percent strictly religious broadcasts interspersed among secular programs. One news show called "Four Voices" creates an international echo by announcing each line in four different languages in quick succession. Because it must be synchronized with world timetables, Vatican Radio is above all a radio of appointment. Its publicity department distributes 100,000 monthly schedules around the world. (The San Francisco Chronicle, August 12, 1980 via Joe Ehrlich)

BOO-BOO DEPARTMENT: Paul D. Saunders sends word that his article in the May 1980 edition of SPEEDX had two mistakes. In line six of the article, he said the area of the antenna farm of VOA in the Philippines was 2,000,000 acres. It should have read - 2000 acres. Also, the frequency coverage of the transmitters is from 3.65 MHz to 25 MHz.

THE SUN NEVER SETS ON THE BBC'S AIRWAVES: All day, all night and all year, a babble of voices hits the airwaves from London. The voices are in English and 38 other languages. It could be someone reading the news, commenting on the latest trouble spot in the world, reading a poem or performing in a play. The voices come from Bush House in central London, headquarters of the Overseas Radio Service of the British Broadcasting Corporation (BBC). In a week, the BBC broadcasts 711 hours from its 52 studios to the rest of the world. More than 100 journalists prepare 250 news broadcasts a day.

Britain is fourth after the Soviet Union, the United States and West Germany in the amount of time devoted to so-called external radio, that is, programs beamed abroad. Over the years, the BBC has built up a huge following, particularly in countries where the only radio voice is the official voice of the government. The voices from London reach at least 75 million regular listeners each week. There is no way the BBC can be sure of its general audience but radio executives take the 75 million figure as a guide.

The BBC says its aim is for "accuracy before speed." If a major event is flashed to the newsroom from only one news agency, that report is checked with at least one other

source. If there is no checking source immediately available, the major news item is put on the air, but credited to the particular news agency. The BBC receives 400,000 letters a year from abroad. Many writers say they listen to the London broadcasts because they can be trusted. The other main feeling at Dush House is that the news should be given as news, not propaganda. Any commentary on the news is given in a separate program. The BBC reports news from Britain, even if it's bad. The idea is to build up a reputation for fair reporting so that when there is good news about Britain, listeners will accept it as fact, not propaganda. The 950 persons working at Bush House come from all parts of the world. The BBC also calls on experts at British colleges and universities to make broadcasts on specialized subjects. (Philadelphia Inquirer, August 24, 1980 via Larry Wagner)

SOVIETS JAM WESTERN RADIO BROADCASTS: For the first time in almost seven years, the Soviet Union resumed jamming some major non-Communist radio broadcasts. Western radio officials and Soviet listeners reported. The Russian-language broadcasts are a key source of uncensored information, and some Western observers interpreted the jamming as an attempt to block information about Poland's strikes. Broadcasts by the Voice of America (VOA), the British Broadcasting Corp. (BBC) and West Germany's Deutsche Welle have been drowned out by loud buzzing and static. The interference did not appear entirely successful in the Moscow area. Checks of the seven frequencies used by the VOA found five thoroughly jammed, one marginally audible and one coming through clearly. A BBC spokesman said the two other times jamming had been used were in 1950, before the Soviet invasion of Hungary, and in 1968, before the invasion of Czechoslovakia. Deutsche Welle said it was the first time its broadcasts had been jammed since the invasion of Czechoslovakia. Habitual listeners asked foreign correspondents if there had been any developments in Poland or "down south," a reference to Afghanistan, to explain the sudden jamming. Gerard Mansell, director of BBC external services in London said: "The resumption of jamming can only be regarded as an admission of weakness by the Soviet authorities. There can be little doubt that they are deeply concerned about the possible contagious effect of news about events in Poland, details of which have been regularly covered by BBC broadcasts."

The BBC said that "an urgent search is being made to find other ways to reach the audience. Although it is impossible to specify the number of Soviets who listen regularly to Western radio broadcasts, the Russian-language programs have become an important source of information and a powerful influence over the past decade. Since the Soviet invasion of Afghanistan last year, the Soviet media have greatly escalated attacks on the foreign stations, regularly accusing them of "slandering" the Soviet Union and of waging "psychological war." Systematic jamming of Western broadcasts was relaxed somewhat in the 1960's, but resumed with the crackdown in Czechoslovakia. It was, for the most part, lifted from the VOA and BBC in 1973, although the US-financed Radio Liberty and Radio Free Europe have been continuously jammed. Under the Helsinki agreement of 1975, signed by the Soviet Union, 35 Eastern and Western governments pledged to work for the improvement of "the dissemination of filmed and broadcast information" among nations. Specialists say the jamming is very expensive. (Boston Globe, August 21 via Arthur Smith)

THE NEW RADIO SHACK DX-100: The DX-100 is the newest of Radio Shack's shortwave receiver line. The DX-100's frequency range is from 520 kHz to 30 MHz in four bands. It has a drum type tuning dial, a fine tuning dial, an automatic noise filter, a variable BFO, a ceramic IF filter, an illuminated field strength meter, and the main tuning dial is illuminated. The DX-100 uses an 1/2 inch headphone jack and a built-in speaker. It also has a standby switch. No further details or technical specifications are available as of now. It sells for \$99.95. (Paul D. Saunders.)

VIEW ON PIRATE STATIONS: SPEEDer Bob Zilmer is quoted in ANARC Newsletter, 8/80: "Pirate stations have sprung up all over since ANARC Clubs have been publicizing their activities. The more clubs publish information on them, the more they will increase in number. I think that we should take a stand against this illegal activity." (David K. Maxfield)

FEATURE ARTICLES: Tips and Topics desperately needs articles. Any topic will do. Manuscripts pertaining to new receivers, equipment reviews, and antennas are most welcome. In addition, articles about radio stations and the hobby in general are also wanted. It is best to type your manuscript double spaced on 8 1/2" x 11" paper. But if you must write, please be neat. In the last month, I received only a total of five articles. This is a club of over 1300 men and women.. There must be more than five people out there who have an interest in this club. So please contribute .

ODDS AND ENDS: Many members have sent letters to me in recent months. I must ask all of you to please send me a SASE if you wish a reply. I hate to do this but postage costs are very high at present. In addition, I wish to dedicate this column to Oliver Ellsworth whose passing I neglected to mention last month. I have worked closely with Ollie for many years and he was truly a wonderful person. He will be very much missed by the club. Have a nice month of Columbus. I remain,

*734  
Arthur*



# SPEEDX CONTRIBUTORS

compiled by  
**DON JOHNSON**

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NUMBERS PRECEDING EACH NAME INDICATE HOW MANY COLUMNS REPORTED TO. AN "\*" SIGNIFIES CREDITS GIVEN FOR A PRIOR MONTH. SECTIONS OTHER THAN SWBC/QSL/UTE & SKEDS ARE CREDITED DIRECTLY BY THE MEMBERSHIP CHAIRMAN.

1	ROD ALEXANDER	IA....SPR-4	1	TOM HASKETT	IN....FRG-7
2	CLAUDE AUCION	LA....DX-160	1	CHRIS HASSELKUS	OH.....?
3	DAVID AUDETTE	MA....DX-300	4	GLENN HAUSER	TN....FRG-7
1	JOSE BARR	CA..FRG-7000	6	STEVE HEYMAN	NY..FRG-7000
2	KIRKMAN BAXTER	KS.....R-4B	*1	NORMAN HILL	VA..ICF-2001
1	LOUIS BERES III	CT....DX-160	1	JIM HILLIKER	CA....XCR-30
*6	NICHOLAS BERKHOLTZ	MN....RF-2800	3	TOM HODSDON	MN....FRG-7
3	JOHN BICKEL	CA..RP-8880	2	HANK HOLBROOK	MD...HQ-129
*1	NAN BINAU	MD....RF-2900	3	DARRYL HOLLAND	NY..FRG-7000
5	SANDY BLAIZE	LA..ICF-5900	1	MARK HOLMES	IL....DR-33
1	BOB BODELL	OR....R-390A	2	JOE HOWELL	CA....DX-160
3	PAUL BREWER	TN....RF-2800	5	HOWARD HUDDLESTON	TX.....DR-7
4	NATHAN BROWN	WA..ICF-5900W	4	CARL HUFFAKER	MEXICO..HOMEBREW
*1	LESLIE BYRON	NY.....PAT-9	1	AKIRA IMAURA	JAPAN..ICF-5900
1	DAN CARRIER	VA....FRG-7	*1	DENNIS JARRETT	CT....SPR-4
1	ROBERT CARSON	WV....DX-302	*1	BENJAMIN JOHNSON	NM....RF-2900
4	JOHN CEREGHIN	MD....DX-160	6	FRED JOHNSON	IL....RF-2200
1	MIKE CHABAK	AZ....HQ-180	1	JACK JONES	MS...DX-150A
1	MARK CHINSKY	NY....RF-2800	4	JOE KANNRY	NY....XCR-30
2	GUY CLARK	KS.....FRG-7	1	EMIL KASPRZYK	TX.....R4C
4	LARRY COHEN	PA...RF-4900	4	STEVE KERN	CA..ICF-6700W
5	BOB COLEMAN	MA....FRG-7	4	PATRICK KERRIGAN	IL....FRG-7
3	JOHN CREAMER	CO.....SW4A	6	LARRY KOPRIVA	CA....FRG-7
4	VLADIMIR CUCURA	PA..FRG-7000	1	JACK LATTERMAN	WA....FRG-7
1	KEN CUNNINGHAM	CA....DX-160	2	HENRY LAZARUS	LA....SX-100
*5	LARRY CUNNINGHAM	OH..FRG-7000	3	ALBERTO LECUONA	ARGENTINA.FRG-7000
6	BRAD CUPPY	IN....RF-2600	3	HANK LENTZ	PA....R-1000
3	MARK CURNELL	OR....RP-8880	2	TERRY LINDLEY	AL....DX-300
1	RICHARD D'ANGELO	PA....NC-190	5	CHRIS LOBELLE	MA..FRG-7000
3	WILLIAM DAVENPORT	TN....DX-300	3	DEREK LOWE	TN....FRG-7
3	ALLAN DAVIS	KY....DX-160	2	RICHARD LUCAS	CA....R-1000
1	LUCIEN DEKEYSER	CA....FRG-7	4	CLARENCE MAISE	LA....FRG-7
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1	CHARLES DOBBINS	MD....DX-160	3	RON MARSHALL	AZ..FRG-7000
3	BOB DONLY	SC..EDDY-830	1	TIM MCCURDY	CA....FRG-7
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4	KEN EARHART	PA...NRD-505	5	BILL MILLER	CA....DX-300
1	MARK ERAMO	MA...RF-2600	1	HARRY MILLER	VA.....?
1	JIM EVANS	TN....RF-2200	5	DON MOMAN	ALB.....R-7
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1	JOHN FALLOWS	ONT..ICF-6700W	5	RALF MUNSTER	GA....R7/DR7
*4	RALPH FAMULARO	CA....RF-2800	3	MARSHALL NARVA	MD...BCR-101
3	BILL BARMER	TN....R-1000	5	LARRY NEBRON	CA....FRG-7
3	JOHN FISHER	MA...GPR-90	1	ANDY NEWTON	GA..RF-2200
1	MICHAEL FISCHER	GERMANY...RF-2900	1	JON NIDA	MN...RF-2800
1	JOHN FITZGERALD	RI....R-300	1	JAY NOVELLO	NY....XCR-30
5	BILL FLYNN	CA....SP-600	2	MARJORIE OAKLEY	OR....FRG-7
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1	STAN FORSMAN	CA....R-392	1	DAVID O'DELL	AR....DX-160
6	EDWARD FOURNIER	VA..FRG-7000	1	HUGH O'RIORDAN	ID.....SPR-4
3	BOB FRASER	MA....XCR-30	2	DAN ORTEGA	CA.....?
3	ALLAN GAEDE	CA....SPR-4	1	FRED OSTERMAN	KY.....R4B
1	CHARLES GEORGE	TX....SSR-1	4	BOB PALMER	WA....R-1000
2	FERNANDO GONZALEZ	NY....FRG-7	2	WILLIAM PARKS	FL...HRO-60
3	MAXFIELD GREENWOOD	PA...BCR-101	6	IANI PETTIT	IA...RF-2800
3	PETE GRENIER	CA....FRG-7	2	THOMAS PICARELLI	CA....FRG-7
1	NORMAN GROSVENOR	CA....DX-160	2	WILLARD PICKARD	IL.....R-7
1	RICHARD HACKNEY	TN...HQ-100A	2	ALAN PLOTNICK	CT...XCR-30
1	STUART HALL	CA....DX-300	*1	BEN RADCLIFF	IL....SB-310
5	TIM HALL	CA..ICF-2001	1	ROBERT RANKIN	KS.....R-7
6	MIKE HARDESTER	CA....R-1000	3	BOB RAYMOND	MA....SX-190

ERT RICCIUTO	NY....DR-22C	*1 ED STROH	IL....SPR-4
IG ROCHA	CA....FRG-7	1 NOBUAKI TAKAHASHI	JAPAN...NRD-515
Y RUSSELL	IL....SSR-1	6 GLEN THOMPSON	NM....FRG-7
N SANDERSON	AZ....R-1000	6 PEGGY THOMPSON	CA....FRG-7
ES SAVAGE	CA...RF-2800	3 AMELIO TOIA	ITALY...SAT-2100
VIN SCHIEDERMAYER	WI....DX-302	1 J TROCHIMCZYK	GERMANY.....?
SCHROEDER	WI....DX-160	3 FRED VALENTINE	CA...RF-4800
5 ED SERSHON	IL....DX-160	*5 TED VAN BEURDEN	CA....FRG-7
4 GREG SHEPHERD	IL....DX-300	2 ROBERT VIAU	QUE...HRO-50T
1 SCOTT SILVA	CA....DX-160	1 ANDREW WALLACE	MA...HRO-50T1
4 GREG SKORA	ONT.....?	1 JOHN WALTERS	NJ...R-1530
1 GEORGE SLOVINSKI	CA....FRG-7	*1 MICHAEL WAMPLER	VA.....R-4C
5 TOM SMITH	FL....XCR-30	*6 REX WHETZEL	IN...RF-2200
4 TRAVER SMITH	CA...NRD-505	1 MARJORIE WITTE	CA....FRG-7
*1 BEN SNOWDEN	CA....FRG-7	3 JEFF WORMAN	WI....FRG-7
3 JACK SOMERS	CA....R-1000	2 ROBERT YAJKO	PA....SPR-4
1 LEONARD STOCK	CO...FRG-7000	2 PAUL ZEHR	NV....DX-160
5 WILFRED STONE	ONT..FRG-7000	5 BOB ZILMER	AZ....R-1000

Thanks to 162 reporters who made this issue possible. Glad to note many of our new members are already reporting. If your receiver is not listed, or listed in error, please drop a post card to HQS so we can amend the listing. Thanks.

WANT ADS CONTINUED.....

FOR SALE WRTHs 1957, 1958, 1959, 1960, 1966, 1967, 1968, 1969, and summer supplements for 1959 & 1960. Owners manual, SW guide, dust cover for Sony CRF-320. Unmodified DX-160, matching speaker & owners manual. Very good shape. Make offers. Robert Palmer, E. 3908 Cleveland, Spokane, WA 99207. 509-484-1419 evenings. No collect calls.

FOR SALE DX-160. Mint condition w/original carton & manual. \$120.00 ppd. Scott McLean, 34 Jeanmoor Road, Tonawanda, NY 14150. 716-691-8541. 1800-2100 or 0000-0300 GMT, no collect calls.

FOR SALE DX-160. 1 year old. ex-condition w/speaker. \$100.00 ppd. Steve Heyman, 75 Princeton Blvd., Kenmore, NY 14217. 716-877-3242 after 2200 GMT. No collect calls.

WANTED Book titled DRY BATTERY RECEIVERS WITH MINIATURE VALVES by E. Rodenhuis, Philips Technical Library. Published about 1958 by N.V. Philips Gloeilampenfabrieken, Eindhoven, Holland. State price & condition. Mike Bittner, 221 - 36th Street, Manhattan Beach, CA 90266.

FOR SALE DX-300. Five months old. Mint condition. \$225.00 John Buffa, 2608 North 7th Street, McAllen, TX 78501.

FOR SALE FRG-7 w/Gilfer 4 kHz filter and jack for GAR-7 readout. Four months old in mint condition. \$300.00 ppd. David Mobley, 1601 South Fresno, #10, Fort Smith, AR 72901. 501-783-1032. No collect calls.

FOR SALE or TRADE HRO-500. Fair to good physical condition. Needs repairs. Make offer. USM-38 Oscilloscope & Heath HW-8 Amateur transceiver w/VSWR meter. What have you? Sandy Blaize, 417 Ridgewood Drive, Metairie, LA 70001

FOR SALE FRG-7 w/Gilfer 3 kHz filter, AGC & fine tune mods. MFJ-752 Dual Tunable Signal Enhancer II for AM/SSB/CW(\$65 seperately). Tenna Boost AM-BC preamp-antenna(\$25). YH-55 headphones(\$12). MFJ-901 antenna tuner(\$43). All mint shape. Whole works for \$500.00 ppd. Mike Feeley, 51 Pond Street, Natick MA 01760. 617-655-6859.

FOR SALE RF-2800. Digital readout on SW bands. AM/FM w/drum dial. Good condition. Must sell to meet future college costs. Jack Lattemann, 314 NE 56th Street, Seattle, WA 98105. 206-552-1017. No collect calls. \$145.00.

ALBERT  
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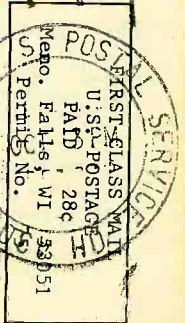
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