

SPEEDX SEASON'S

GREETINGS



AWB

THE DX RADIO MAGAZINE FOR ACTIVE SHORTWAVE LISTENERS.....

December, 1979

vol. ix no. xii



KEYNOTES



Editor: OLIVER ELLSWORTH
2043 West 75th Street, Los Angeles, California 90047

NO PHONE CALLS PLEASE---DUE TO A THROAT OPERATION, I AM UNABLE TO TALK.

CONGRATULATIONS TO 13 NEW FULL MEMBERS

PAUL BREWER
COLETEWA, TN

PETER CONWAY
LIMBE, MALAWI

KEN CUNNINGHAM
EL CAJON, CA

CHRIS HASSELKUS
MAUMEE, OH

GERALD HAYES
LANGLEY, B.C.

STEPHEN HEYMAN
KENMORE, NY

PAUL KORNEKE
WAYNESBORO, VA

TERESA PHILLIPS
MIDDLETOWN, CT

SCOTT McLEAN
TONAWANDA, NY

JAMES POGUE
SAN DIEGO, CA

KEN RICHARDSON
MESA, AZ

ROBERT WALLACE
HONOLULU, HI

DAVID WALCUTT
HOUSTON, TX



Certificates of Full Membership and a copy of the SPEEDX constitution were mailed to each of the above in November.

SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

ANDREW NEWTON
ATLANTA, GA

DAVID JENKINS
SANTA ROSA, CA

WESLEY CARROLL
BATON ROUGE, LA

GUY HILLMER
TORONTO, CANADA

MICHAEL MOONEY
FLUSHING, NY

CHRIS MESSINEO
LAWRENCE, MA

MARK HELFEN
LOS ANGELES, CA

DAVID PHELPS
SAN FRANCISCO, CA

MEGUMU KONDO
GLENDALE, CA

DON PACE
LIBERTY, SC

THOMAS ORLOWSKI
RACINE, WI

D.MUNOZ FACCIOLI
URUGUAY

JOHN RATHSBURG
DETROIT, MI

DON MOMAN
EDMONTON, CANADA

TOM & J FARLAND
CEDAR RAPIDS, IA

JOHN ANTHONY
GEORGETOWN, GUYANA

ARTHUR BURTON
SACRAMENTO, CA

JOHN BLACK
CAMARILLO, CA

JAMES BARRETT
CHULA VISTA, CA

STEWART ZELDIN
SANTA MONICA, CA

RAYMOND OLIVER
AUSTRALIA

SHIGEKI ARIDA
WAKAYAMA, JAPAN

ANTONIO FERNE
BOLOGNA, ITALY

MAX. GREENWOOD
DEVON, PA

RAYMOND REEVES
ENGLAND

ROBERT ROSS
LONDON, CANADA

RICHARD STECK
LAKE FOREST, IL

SHAUN CARRICK
WILLIAMSBURG, VA

We certainly are glad that you have joined the most active shortwave club in North America. I am sure you will find your bulletin to be chock-full of DX related news. Please help us keep it that way with your support to the various editors.

CENTRAL DISTRIBUTION EDITOR

For your convenience, and to help you keep expences down, Bob Zilmer, P.O. Box 697, Milwaukee, WI, is our designated CDE. He will forward your "good-ies" to the respective editors. However, keep in mind, his deadline is the 7th of the month, whereas the editors deadline is the 12th of each month.

STATION SKEDS EDITOR

Chris Lobdell, P.O.Box 146, Stoneham, MA, liked his November assignment so well, he has asked for a permanent assignment as a SPEEDX staff editor. Chris we are glad to have you back. You did not know what you were missing, until you returned as a temporary editor, Hi.

HAPPY HOLIDAYS TO EVERYONE

IMPORTANT NOTICE OF RATE INCREASE

The SPEEDX Board of Directors, on August 8 1979, adopted the following resolution: "We hereby approve of increasing the domestic rate of the monthly bulletin, from \$12.00 to \$14.00 per year. To take effect on Jan. 1 1980. A six month grace period to be offered to current members, to renew at \$12.00 per year. All members may renew prior to July 1 1980 regardless of their current expiration date, for a period of one year. This one year renewal to be added to their current subscription"

The last increase for the SPEEDX bulletin was April 1 1975, from \$10.00 to the present rate of \$12.00. The continued increase of printing, postage and supplies makes this increase necessary.

The Board of Directors deliberated for several months, studying monthly financial statements, before voting unanimously on August 8 to increase, as of January 1 1980.

QSL CARDS HERE TODAY GONE TOMORROW

Larry McKinney, 424 Grant Road, Adamstown, PA 19501, advises that he attended the EDXC convention in Austria this year. He states that you may not see QSL cards in the future. A subject that was mentioned at the last two EDXC conventions. Due to world wide inflation, the cost of producing QSL cards, the necessary salaries and the cost of mailing them, may cause them to become passe in the near future.

Larry calls our attention to Radio Finland's decision to cut back, they now send a confirmation card only. Swiss Radio International, will send a QSL card if you pay the postage. Radio Canada International, will forward you a card once a year, if you are on their mailing list. You then return the card to RCI for verification of your report.

Larry is seeking your views and opinions on the QSL policies of many of the International Radio stations.

EDXC is the European counterpart



of ANARC.

ANARC CONVENTION 1980

SOUTHERN CALIFORNIA AREA DXERS, the sponsor of ANARC '80, advises that the convention committee made a tour of the beautiful campus of the University of California at Irvine, on November 9th. They report; the facilities are excellent, with full and complete needs for full accommodations, meals, conference rooms and a large hall for manufacture set-ups. The University will provide for the holding of the banquet in their beautiful banquet room.

The various costs have not been finalized, but the committee assures everyone, that it will be half of what it would have cost you individually last year for lodging, meals, registration, banquet, etc.

Southern California area hobbyist are being asked to volunteer their help on the various committees. Contact Jim Young, SCADS Headquarters, P.O. Box 576, Wrightwood, CA 92397.

SPEEDX will keep you informed of ANARC '80 as the information becomes available. Make your plans now to visit Southern California this summer, convention will be held on July 18-20, 1980.

ANARC '80 IS 15TH ANNUAL CONVENTION

For the record, ANARC Conventions began in 1966 at Kansas City, MO., followed by 1967-Chicago, IL; 1968, Omaha, NE; 1969, Toronto, Ont. Canada; 1970, Chicago, IL; 1971, Indianapolis, IN; 1972, Boston, MA; 1973, San-Diego, CA; 1974, Bronxville, NY; 1975, Montreal, Que., Canada; 1976, Los-Angeles, CA; 1977, Palatine, IL; 1978, Montreal, Que., Canada; 1979, Minneapolis, MN, and 1980 Irvine, CA.

Season's Greetings

WORLD RADIO TV HANDBOOK

Jans Frost, Editor and Andy Sennitt, Assistant Editor, sends Greeting with their bulletin number 3, as follows: "WRTH to be published in January, promises to be a real value-for--money edition.

We have re-introduced "Listen to the World" as a 48-page section at the end of the book, and expanded some of the sections in the main Handbook.

Feature articles in "Listen to the World" will include: Another much-requested article by Larry Magne, reviewing recent SW receivers in depth, with full test reports. An article on older receivers for those who may not be able to obtain or afford the ones in Larry Magne's article.

A look at jamming and the facts behind it. Propagation paths to S.E. Australia. DX Clubs - another aid to your hobby. An objective assessment of recent trends in SW programing. Modern band-saving techniques for SW broadcasters. For the beginners, some signals you may hear which are "not in the WRTH".

The reference sections have been, as usual, thoroughly revised. The MW details will be a true reflection of the actual situation at deadline time and this differs considerably from the official plan. We have taken the opportunity to revise our texts for "How to use the WRTH" and the lists of abbreviations, in all four langues, and made a number of other improvements which we hope will enhance the usefulness of the various lists. We do not want to give away all our secrets, but we feel that we shall have met the wishes of a considerable number of our correspondents by some of the changes we have made. It is intended to implemnet further changes in the 1981 edition.

But, while the garnishing may be changed, the basic "meal" remains as always, the most comprehensive possible coverage of international radio and TV that has become the hallmark of the WRTH. Here, too, we feel that the "main course" this year will be especially appetizing, thanks to the help of some valued new collaborators. So, book your place now. Bon appetit."

Ed note: Before ordering your 1980 WRTH, contact Don Erickson, 6059 Essex St., Riverside, CA 92504 for a quote on WRTH-80 at a reduced price. All profits will be turned over to the Handicapped Aid Program. Be sure and send Don a SASE.

DSWCI-TROPICAL BAND SURVEY

The Danish Shortwave Clubs International, Greve Strandvej 144, DK-2670 Greve Strand, Denmark, have released the 7th edition of their famous Tropical Band Survey. This covers 2000 - 5900 kHz, with lots of good info, including data (by frequency) on the station name, location, power output, and schedule when known. An invaluable aid for the tropical band DXer. Cost is 7 IRCs by surface mail or 10 IRCs by airmail. Tell them that SPEEDX sent you.

Ed note: I have seen it, so I am ordering mine today.



SUBSCRIPTION EXPIRATION DATE POLICY

Beginning with the February 1980 issue, the renewal notices will be included every other month prior to expiration dates. Example: The notice will be in the February issue for subscriptions expiring March and April. May and June expirations will be notified by a notice in the April issue, and so on through out the year.

The expiration date is also shown on each mailing label. We suggest that you renew early to avoid a delay in your renewed subscription.



PROGRAM

DECEMBER 1979



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



PANORAMA

BULGARIA... (Terry A. Klasek, 9720 Vickie Place, St. Louis, MO 63136): "Who are these Bulgarians anyway? As far back as I can remember, Bulgarians have been referred to (when referred to at all) as ugly, stupid brutes with little or no intelligence. I believed this stereotype until I first heard Radio Sofia, Bulgaria on August 10, 1965...Radio Sofia has probably the best mailbag show that I have heard on shortwave. The show is heard on Sundays and repeated on Monday and Wednesdays of the same week. So that all egos are satisfied, you can hear your name on the radio 3 days in 1 week!..They first have letters from people writing to Radio Sofia for the first time. Letters from others are next, and they will read both good and bad comments. The best point is their verification corner, in which they announce the names of people who have had QSL cards mailed to them...Let's have your comments on Bulgaria." (Note that Terry's address is given in full above-WS)

CANADA... RCI has begun a regular weekly feature on the upcoming referendum on sovereignty association in Quebec. Listen each Friday to the English transmissions for this feature...Don't forget that As It Happens has a special "Holiday Theater" series the week between Christmas and New Year's Day. Listen at 0030 GMT on 5960 kHz. (WS)

CUBA... Radio Havana in English: Daily: TODAY IN HISTORY, NEWSCAST, EDITORIAL, SPOTLIGHT ON LATIN AMERICA, FROM THE LAND OF MUSIC; also (MON): CUBA AND THE WORLD, LATIN AMERICAN SONGS, SOCIALISM: THE NEW WORLD; (TUE): VOICES OF REVOLUTION, TEMPO, THE CUBAN STORY; (WED): CUBAN PROFILE, LATIN AMERICAN SONGS, SOCIALISM: THE NEW WORLD; (THUR): POST OFFICE BOX 7026, TEMPO, MARXIST REVIEW; (FRI): CUBA AND THE WORLD, LATIN AMERICAN SONGS, SOCIALISM: THE NEW WORLD; (SAT): CUBAN CULTURE, LATIN AMERICAN SONGS, SPORTS ROUND-UP; (Complete Sunday schedule): TODAY IN HISTORY, CUBAN PROFILE, THE CUBAN STORY, FROM THE LAND OF MUSIC, POST OFFICE BOX 7026, PHILATELY IN CUBA. (Ted Osage, OH)



ECUADOR... Here are some regular programs scheduled in English for HCJB: DX PARTY LINE can be heard to North America on GMT Tuesdays, Thursdays and Sundays @ 0230 GMT, to Europe on Mondays, Thursdays and Saturdays @ 0800 and 2130 GMT, to the South Pacific on the same days as to Europe @ 0900 GMT...The following programs are all to North America: MUSICAL MAILBAG GMT Thursdays @ 0230, PASSPORT GMT Tuesdays-Sundays @ 0100 and 0530 GMT, HAPPINESS IS heard GMT Tuesdays-Saturdays @ 0430 GMT, MUSICA DEL ECUADOR GMT Thursdays @ 0330 and 0500 GMT, and OLD FASHIONED MELODIES GMT Tuesdays @ 0515 and GMT Sundays @ 0145...HCJB has recently issued their latest pro-schedule which can be obtained upon request. It features a chart showing program lineups. For North America, 15115 can be heard nights with pretty good reception for listening.... Don't forget the SPEEDX Report with John Trauttschold on the Saturday edition of DX PARTY LINE.....HCJB will probably have an outstanding lineup of Christmas programming this month. (WS)

EGYPT (Arab Rep. of)... Radio Cairo in English to Europe from 2215-2345 GMT on 9805 kHz: Daily, 2215 NEWS HEADLINES, 2230 NEWS AND COMMENTARY and 2343 NEWS HEADLINES; other programs on various days--Mon 2218 ORIENTAL MUSIC 2220 GUIDE TO FOREIGN INVESTORS 2245 LISTENERS' CLUB 2315 RADIO GUEST 2330 EGYPTIAN MELODIES; Tue 2218 ORIENTAL MUSIC 2220 THOUGHTS AND VIEWS 2240 SPOTLIGHT ON THE MIDDLE EAST 2250 CAIRO MAGAZINE 2320 ARAB MUSIC GROUP 2335 WEATHER REPORT FROM CAIRO; Wed 2218 ARAB SONGS & MUSIC 2225 QUIZ TIME (Part I) 2240 PALESTINE THIS WEEK 2245 QUIZ TIME (Part II) 2250 WITH THE LISTENERS 2320 WHAT THE TOURIST SEES 2335 ORIENTAL MUSIC; Thur 2218 ARABIC SONGS & MUSIC 2225 FLASH BACK 2245 ARABIC SONG 2250 DIALOGUE FOR PEACE 2310 HERE AND THERE (More)



EGYPT(Con't)...2320 SCIENCE IN EGYPT 2325 SONGS AND MUSIC; Fri 2218 ARABIC SONGS AND MUSIC 2245 LISTENERS CLUB 2315 WORLD OF MINARETS 2325 DOWN MEMORY LANE; Sat 2218 ORIENTAL MUSIC 2220 MEETING IN CAIRO 2240 PRESS REVIEW 2250 MUSIC AROUND THE WORLD 2305 A SCENE FROM EGYPT 2320 STAMP COLLECTORS' CLUB 2330 CULTURAL TALK 2335 WEATHER REPORT FROM CAIRO; Sun 2218 ORIENTAL MUSIC 2220 THIS WEEK IN HISTORY 2245 WITH THE LISTENERS 2305 LAND MARK/FROM MY NOTE BOOK 2315 EGYPT FROM A TO Z 2325 VARIATIONS ON A THEME. Address is P.O. Box 566, Cairo. (Stephen Proom, ENGLAND)

BBC GREAT BRITAIN...According to a letter from First Secretary Peter Kemp of the British Embassy in Washington, DC, the "British Government's recent announcements on cuts in public expenditure excluded the BBC World Service which will continue unchanged." The letter was dated November 5, 1979. It appears that some language services of the BBC External Services could be affected, however. (WS).. Many international broadcasters schedule special programming for the Christmas season, but the BBC has always made late December a memorable time for shortwave programming. 1979 in no exception, and this year's special holiday programming feast includes: A CHRISTMAS CAROL is a Christmastime classic, and this year BBCWS has a musical version of the popular Dickens story. Tune in on the 24th of December at 0100 GMT and 1330 GMT, repeated Christmas Day at 1830 GMT...WHAT A WAY TO SPEND CHRISTMAS is a collection of reports from BBC news correspondents scattered all over the globe on the sights and sounds of Christmas from their various locations--India, Africa, China and the USA. Tune in on the 24th at 1630 GMT or on the 25th at 0315 or 0915 GMT...The BBC's most famous announcer, Queen Elizabeth, has her yearly CHRISTMAS DAY BROADCAST again this year. You can hear it live at 0930 GMT, repeated later at 1500 for those of us who don't want to risk running into Santa! ...FESTIVAL OF NINE LESSONS AND CAROLS can be heard on the 24th @ 1505, repeated on the 25th at 0030 and 0945 GMT...WORLD SERVICE PANTOMIME offers some BBCWS personalities in a wild and crazy party setting, scheduled for the 25th @ 0630, 1630 and 2209 GMT, repeated on the 26th @ 0915...TWO CHEERS FOR 1979 is satire at its best, 25th @ 0709, 26th @ 0509, 1309, 2009 GMT(those are the normal slots for 24 HOURS--WS)... CHRISTMAS SUNSHINE is a musical program that will light up some of the darker corners of 1979, 22nd @ 1130, 24th @ 2030 and 25th @ 0330 GMT... finally, CHRISTMAS BRIERS is a variety show featuring Richard Briers that can be heard on the 24th @ 1900, 26th @ 0215 & 1130 GMT. If you want some first class Christmas programs, tune in to some or all of these from BBCWS. (London Calling, December 1979)

GRENADA...Radio Free Grenada has the following English programs from 2130 GMT on 15045 kHz: Daily/ 2215 THIS MAN IS MINE (exc. Sat.) 2230 TWILIGHT MELODIES, with amnts. 2245 BBC SPORTS ROUNDUP, 2300 BBC NEWS 2309 OBITUARIES 2315 REFLECTIONS 2330 TONIGHT. Mon/ 2130 DEDICATIONS 2145 VOICE OF THE BIBLE 2200 YOUR RADIO DOCTOR. Tues/ 2130 DEDICATIONS 2200 TWM. Wed/ same. Thur/ 2130 AFTERNOON BREAK 2145 SPECTRUM 2200 TWM. Fri/ 2130 AFTERNOON BREAK 2145 SHOWERS OF BLESSING 2200 TWM. Sat/ 2130 DEDICATIONS 2200 TWM. Sun/ 2130 SOUL SEARCHERS 2200 TWM 2315 INSPECTOR WEST AT HOME(BBC serial) 2345 MUSIC. (Kenneth Clark, TN in October 1979 issue of "GO DX", published by the Middle Tennessee DX Association, P.O. Box 213, Alexandria, TN 37012)

POLAND...Polskie Radio's North American Service, when you can hear it, does have some worthwhile programs. The magazine format sometimes becomes bogged down with the mandatory Soviet bloc country material, but more often than not it overcomes this with some lively folk music, travelog blurbs, or some interesting cultural articles. Also, if you are interested, they have a Polish-by-Radio course, which is free. For a letter, they usually do a good job answering questions, either on the air, or with the abundant supply of publications they mail to listeners. Address: P.O. Box 46, 00-950 Warsaw, Poland. (David M. Piszczek, NY)

SWEDEN...Radio Sweden in English: M-F NEWS, PANORAMA; also Mon MUSIC FROM SWEDEN; Tue SWEDEN CALLING DXERS; Wed REPORTER'S CHOICE; Thur REPORTER'S CHOICE; Fri PANORAMA OF THE WEEK; Sat THE SATURDAY SHOW; Sun MAILBAG. (Bob Zilmer, WI) The new program schedule from RS has staff photos. (WS) See you in 1980! The best in this Christmas season to all SPEEDXers. Thanks for your help in 1979! *Monday 11/19/79*



TECHNICAL TOPICS

Editor

SANDY BLAIZE

AVC	?	SSB
AGC		LSB
GAIN		FADE
TUNER		NOISE
IMAGE		meter

Send Technical Questions & Technical Material To: ➡

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

****CORRECTION !!! *** This Editor reported last month that YAESU was the maker of the DX-300. This is INCORRECT!! This set and the DX160 is made by a Japanese firm: General Research and Electronics. This information was passed along by one of the technical writers at Radio Shack's head office in Ft. Worth. He was calling ME personally to set the record straight!! So this is NOT heresay information gents. If you DO have a problem with your DX-300, return it via the store where you purchased it. If you have lack of cooperation, contact the Radio Shack District Manager next and report the salesperson who gave you a hard time. I have been informed that Radio Shack DOES REALIZE that they have problems with this set and they are making every effort to turn around the problem and satisfy the customer.

KENWOOD R-1000....Brand-new receiver by Kenwood looks like it might be a real winner. Looks as though it might combine the best of lots on the market now and give them all a run for the money! Features include: Built-in digital clock/timer, Large easy to read "S" meter, BOTH digital readout to 1 khs and dial with readout every 10 kHz., 200kHz.-30 mhz. coverage, NO preselector to fiddle with!, TWO positions of AM selectivity, RF Attenuator with 4 steps of 20 db. each to tame strong signals, tone control, separate Mhz. set control. Looks like it might be a poor-man's NRD-505. List price \$499. Rumor has it that they might be discounted to about \$425. More to follow...

MORSE-RTTY VIDEO TERMINAL: New unit converts code (morse) and teletype to a video printout. Just the thing for you UTE buffs who want to be lazy!! Details too lengthy to go over here. Suggest you write direct to: MICROLOG Corp., 4 Professional Dr., Suite 119, Gaithersburg, MD., 20760. Ask for the info sheet on the Model AVR-2. Price is about \$499. (Thanks to Ralph Sanserino and Don Johnson for the last two items! Ed.)

RADIOS INTERNATIONAL, P. O. Box 6053, Richardson, TX, 75080 has a super special on the Grundig Satellit 3000. (This is the one with the digital readout, built-in SSB, LCD clock etc.) Price is \$799. This is a saving of almost \$400 off list price!! IDENTICAL with the newer 3400 in almost every respect and this set has VERY good SSB stability. Write to them for more information.

MOSLEY SW ANTENNAS have been unavailable for some time. They made a nice multiband dipole and a nice vertical just right for apartment dwellers. More in later issues if they once again become available.

JAMMING, what does it sound like? That question popped up twice lately. There has been a lot of different "sounding" jammers. Years ago there was one that sounded like a helicopter hovering. Some just make lots of "white-noise" or a "rushing" sound. Most current jammers (which are presumed by all to be 99.9% RUSSIAN!) rather sound like a twin-engined bomber with one engine that is "surging". This sound is interrupted at intervals with a morse code "identifier" of a letter and a number. When I was in England last year, I counted as many as 25 jammers going at one time on one band!! The Rusksy seem to have a preference for 25 meters for some reason. (As regards densest jammer population in Europe) Many other things are done to "jam" a broadcast. Radio Sandino was apparently jammed by the Nacionalistas with another signal very close by that was simply overmodulated causing "splash" or "splatter" that interfered with the Sandanista transmission. Unfortunately, in this case, it was rather unsuccessful. Don't confuse CO-CHANNEL interference (two stations attempting to use the same channel) with JAMMING. Usually the Jammer is a deliberate attempt by one government to blot out another's transmissions.

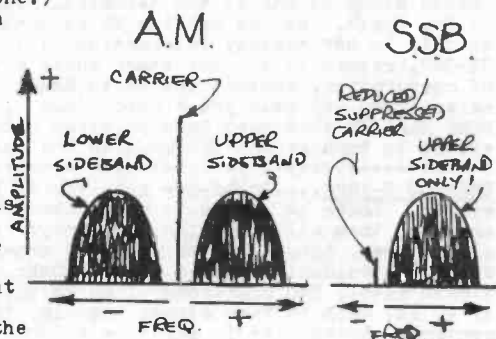
SSB VS. AM: You have heard a lot the past year about SSB (Single Side Band) transmissions on Short Wave Broadcasting bands. Sweden played around with it, and currently, Switzerland is having a go with it. Why all the fuss??

Perhaps we better talk about the "mother" of SSB: "AM" or amplitude modulation. This, of course, is the predominant mode of communication used by SWBC today.

In the AM transmitter, we transmit a "carrier", which is that signal you hear in the absence of any music or talk. The amplitude or "strength" of the carrier is varied or "modulated" by the program material. (Music etc.) This process generates two additional bands of signals called "sidebands", situated either side of the carrier. These sidebands (an upper and a lower one) are the signals that actually contain the intelligence being broadcast. BUT the carrier is required for these sidebands to "heterodyne" against in order for your receiver to decode them properly. Most of you know what "hets" are by now, you know: that signal next door causing the "whistle" interference!) In the SSB transmitter, we suppress or reduce the carrier, and eliminate one of the sidebands. (Usually the lower one.)

What is left is a Single Sideband with little or no carrier. Most "feeders" and Utility stations now use SSB as it is more efficient. (Some of these transmitters use some "carrier" for special circuitry to "lock" on there-by eliminating distortion.

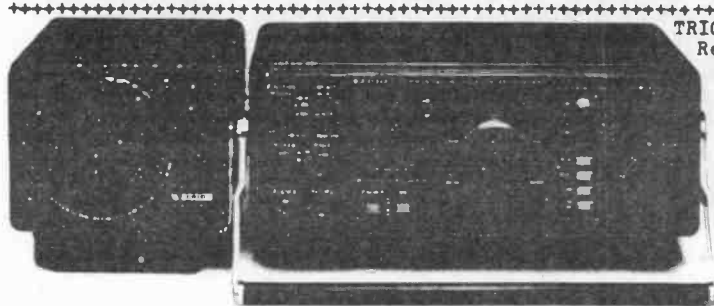
As you can see, duplicate information is contained in the sidebands, and this this allows us to "throw one away". We can generate the carrier within the receiver itself so this can be eliminated or reduced considerably, so that more power can be concentrated in the actual information being conveyed in the **SIDEBAND** itself!



RECEPTION: Aha! Now the tricky part. If your set has no BFO (Beat Frequency Oscillator), all you hear is a bunch of mush! If you have a BFO, turn it on and tune the "pitch" control or the receiver's tuning control. No doubt the voices will sound like Donald Duck or the Chipmunks, but keep trying until the signals sound normal. Some of the older sets having no SSB position will require you turn down the RF Gain or Sensitivity in order to prevent overload of the detector circuits. Lacking this, use less antenna.

ADVANTAGES: There are many. SSB signals take up less space, needed in today's crowded bands. If everyone used SSB there would be NO more annoying "hets", as all carriers would be at a low level. Also gone would be "selective fading" a phenomenon peculiar to AM broadcasting.

DISADVANTAGES: With such a rosy picture, are there any?? YOU BET! Frequency stability of the receiver must be VERY GOOD and "drift free". Stations are harder to tune-in correctly. Music sounds horrible and voices like Donald Duck, unless you are Exactly on frequency. Receivers for "hi-fi" or very good quality reproduction require special locking circuitry. This makes such a set complicated and difficult to manufacture. At present, it will be a long time before SSB is widespread in the SWBC bands, so don't throw away your old set yet!! (This is an abridged "repeat" of an earlier column for the benefit of newcomers. Starting with January 1980, Technical Topics will be TWO pages on an experimental basis. Thank you for past support and here's hoping!! - Ed.)



TRIO (Kenwood) R-1000
Receiver and optional
Matching loudspeaker

MERRY XMAS TO ALL!
See you all in 1980
HAPPY NEW YEAR!!
73 & DX....

"Sandy"

THOSE PERSONS WHOSE NAMES APPEAR ON THIS PAGE WISH YOU

SEASONS
GREETINGS

&

HAPPY
HOLIDAYS

AND IN LIEU OF SENDING CARDS HAVE CONTRIBUTED A TOTAL OF \$225.00 TO THE
HANDICAPPED AID PROGRAM

 1980 

JANUARY	FEBRUARY	MARCH
Clarence Maise Jr. Robert Yajko Ollie Ellsworth Frank Schlinke Ralf Munster	Merle McMahon Leslie Byron Don Johnson Lew Forbes D.C. Radey	Wesley Rogers Bob Scholl Paul Kowalski Darryl Holland Marjorie Witte
APRIL	MAY	JUNE
John Hesse Mike Hardester Wilf Stone Vera Crable Andy Newton	William Shaw Ralph Sanserino Frank Terzick Larry Talbot Bill Cleveland	Milo Getz Charley Hoffman John Fisher Clayton Stapleton Craig Mellinger
JULY	AUGUST	SEPTEMBER
Nigel Pimblett Leland Swenson Glenn Thompson Earl Wagner Rufus Jordan	Robert Zilmer Angel Hernandez Mark Eramo Woody Seymour Dan Carrier	Art Getzel Marjorie Oakley Serge Neumann Peggy Thompson Vladimir Jr.
OCTOBER	NOVEMBER	DECEMBER
Ruth Hesch Leonard Davidonis Teresa Phillips	Bill Miller Randy Lindsey John Walters	Ken Earhart Elio DiFranco Radio West

ARGENTINE ANTARCTIC -- LRA-36, R. Nacional Arcangel San Gabriel (continued)

6029 0000 putting it at Brown Base. Esperanza base is at the northern tip of the Palmer Peninsula across from the South Shetland Islands, at 63-24 S, 56-59 W., per map in April 1979 QST, p. 51. I monitored the fqy. 10/30 0100-0200, and toward the end of the period a station in SS occasionally peaked out of the noise, but I have no idea whether this was it. AFRTS was not coming up on 6030 until well after 0200, but for D79 will likely extend hours on this fqy, ironically, with Antarctica as one of its targets. LRA-36 is, of course, only the 2nd SWBC station on the continent.] (Hauser, TN)] (He adds as a postscript: "Hrd. 11/2 on 6029 with definite ID, taped") Bob Foxworth in Mineola, NY has also heard it and played a tape for me last week -- it's coming in quite well here in the U.S. Listen up, friends!!!

ARGENTINA

5880 0100 R. Rividavia, OM narrating details of auto races (gd; 10/29. Barr, CA)
 9690 0308 RAE, EE, flamenco mx, joint OM/YL ancrs, tlk on world markets for natural resources, (322; 10/10. Cook, CA) ([0100]gd; 11/4. Coomler, CA) ([0204]433; 10/8. Dilk, NJ)
 11710 2330 RAE, EE, OM/YL, cmt, Argentine folk mx, (322; 10/25. Audette, MA)

BOLIVIA

4775 0320 R. Riberalta, LAm mx, OM ancr, ID #0328 w/ chimes after each selection of mx and ID, bubbling mx w/ waterfall sound effects (433; 10/8. Streiker, WA)

BRAZIL

2490 0148 R. Educ. Rural de Coarí, PP, ID, DJ px, 0200 nx, 0231* -- some QRM from Miami marine operator on same fqy; (232; 10/13. Dobbins, MD)
 3205 0125 R. Clube Ribeirão Preto, PP, sporting event (fr; 11/11. Neumann, AZ) (This and Serge's other loggings were filed by phone -- clearly DXing above and beyond the call of duty -- thanks, Sergel cpjh) Tannenwald, NY)
 4755 0140 R. Difusor do Maranhão, PP, soccer game, Brazil vs. Paraguay (222; 10/25./
 4785 0815 R. Ribamar, PP, anmts, OM ancr, ID, mx; (444; 10/28. Alexander, PA)
 4835 0150 R. Nac. de Boa Vista, mx, theme from "Chitty-Chitty-Bang-Bang" (333; 10/7. Connell, CA)
 4905 2241 R. Relogio Federal, PP, tlk w/ OM/YL w/ TC each minute (343; 10/14. Yajko, PA)
 4985 0112 R. Brasil Central, PP, Canciones Populares, 0114 Siren, then ID (333; 10/9. Connell, CA)
 5025 0135 R. Borborema, PP, Brazilian pop mx, ads, OM DJ, ID (343; 10/20. Alexander, PA)
 5045 0105 R. Cultura do Pará, PP, pop mx, anmts, ID; (343; 10/20. Alexander, PA) ([0040] 333; 10/24. Tannenwald, NY) ([0145] 333; 10/28. Thompson, NM)
 5965 2306 R. Guaíba, PP, sx event, ID (344; 10/14. Yajko, PA) Zavatsky, CT)
 6000 2345 R. Inconfidência, PP, ballads, ads, IDs (433; 10/23. Ray, PA) ([0102]gd; 10/24 /
 6035 2300 R. Globo, PP, sx event w/ many gooooaals! (434; 10/14. Yajko, PA)
 t9585 2125 R. Excelsior, PP, sx cmt hrd under ORF bc; no definite ID hrd so tentative (212; 11/3. Yajko, PA) Zilmer, WI)
 9695 2300 R. Diário da Manhã, PP, tlk, local mx, ads, pop mx fqy. ancd; (332; 10/22. /
 11780 0225 R. Nacional de Brasília, PP, Amazon service (per R. Bras 10/12) OM w/ PP pop mx; singing ID #0233, mx; (333; 10/13. Streiker, WA) ([0045] 444; 10/24. Thompson, NM)
 15145 2015 R. Jornal do Comercio, PP, futbol, (333; 11/4. Zilmer, WI)
 15290 0300 Radiobrás, EE, OM mx between features on stock market, frequent ID -- this OM's voice is most interesting, pleasant to monitor (433; 10/7. Streiker, WA) ([0305] 444; 10/29. Audette, MA)

CHILE

6150 0115 R. Nacional de Chile, OM, mx of Julio Iglesias, ads from 0125 to 0135, then ID (fr; 10/23. Barr, CA)
 9630 1000 R. Agricultura, tlk, ID, mx, nx; (322; 10/19. Zilmer, WI)
 15135 0130 LVCH, EE, Chilean mx, cmt on coming international fair in Santiago (444; 10/15. Stone, ON) ([0140] 444; 10/22. Duran, NJ)
 15138m 0240 LVCH, EE, mx, YL, mailing address: Box 244V, Santiago, Chile; (333; date?; Dunn, CA) ([0200] news, seems to be slightly off fqy; 333; 10/8. Gaede, CA)
 15140 0427 LVCH, EE, mx, ID #0430, tones, mx, Headlines and comment, foreign investments in Chile (444; 10/8. Beeman, OH) ([0000] EE, 533; 10/30. Dilk, NJ) ([0005] EE, 555; 10/17. McLean, NY) ([0050] SS, gd; 10/26. Zavatsky, CT) ([0009] EE; 444; 10/15. Crosby, NJ) ([0045] SS, ex; 10/26. Forbes, TX) ([0330] 534; 10/22. Rosewarne, CA)
 15145 0445 LVCH, EE, vocals, Christopher Columbus' effect on modern world (If Columbus hadn't discovered America, all our globes would still be flat and Isabella would still have her pearls, hi! cpjh) (433; 10/13. Streiker, WA)
 15150 0314 LVCH, long OM cmt on Chile (333; 10/14. Mosier, CA)
 15195 0300 LVCH, OM ancr, mx, nx; (544; 10/16. Streiker, WA)

COLOMBIA

4755 0500 Emis. Nuevo Mundo, ID #0500, (433; 10/7. Pettit, IA)
 4815 0145 R. Guatapurí, ID #0145, LA vocals (343; 11/4. Yajko, PA) (443; 10/21. Dobbins, MD) ([0145] 333; 10/20. Audette, MA) ([0220] 353; 10/20. Earhart, PA) ([2255] 353; 11/3. Moore, PA)

COLOMBIA -- continued

- 4865 0210 LV del Cinaruco, ballad w/ poor modulation and varying S-meter intensity, but no ID (343; 10/20. Earhart, PA)
- 4875 0510 R. Super de Medellín, ID, LAm mx, OM DJ, TC (444; 10/21. Alexander, PA)
- 4945 0704 R. Colosal, mx, OM ID, echo ID @0705 (433; 10/13. Streiker, WA)+6
- 4965 0610 R. Santa Fe, lively musical selections (333; 10/13. Hackney, TN)[0620] 444; 10/6. Streiker; WA) WA)
- 5040 0555 R. Cinco, LAm mx, (222 w/ QSB; 11/3. Pettit, IA)[0640] 333; 10/6. Streiker, 5075 0045 R. Sutatenza, OM/YL ancr, LAm mx, ID, not // 5095; (444; 10/27. Alexander, PA)[0105] 333; 10/24. Audette, MA)
- 5095 0340 R. Sutatenza, music, OM IDs, world nx, NA, 0400* (544; 10/20. Heyman, NY) (0340] 555; 10/24. Connell, CA)
- 5955 1030 LV de los Centauros, Buenos Dias Colombia, mx, ID (322; 10/20. Tannenwald, NY) ([1008] 444; 10/24. Audette, MA)
- 6030 0816 R. Nacional, vocal mx, ID @0818 (444; 10/8. Crosby, NJ) Stone, ON)
- 6040 0115 LV del Tolina, ID, YL/OM tlc, LAm mx, clobbered by DW @0125; (333; 10/17.
- 6045 0540 R. Melodía, LAm mx, (323; 11/3. Pettit, IA)[0730] ID: "R. Melodia, Numero Uno en las Americas"] 434; 10/14. Connell, CA)[0100]343;11/3.Ray, PA) +3
- 6065 0601 R. Super, "Esta es R. Super de Bogotá," mx; (343; 10/7. Mosier, CA)
- 6115 0745 LV del LLano, LAm mx, ID, anmts, OM DJ (343; 10/28. Alexander, PA)
- 6150 0558 LV del Huila, SS, LAm mx, ID (333; 10/17. Munster, GA)[0552] 10/7. Mosier, CA)[0635] 333; 11/1. Alexander, PA)[0630; pop LAm mx, @0730 call was made for Fire Department to respond to fire location!] 425; 10/13. Barr, CA)
- 6160 1045 Emis, Nueva Granada, tx, mx, ID (333; 10/25. Tannenwald, NY)
- 11792 1145 R. Nacional, SS/EE @1205, YL tlc, mx, ID a few times, nx @1155, then "Calling All Beginners" (must be EE lessons. cpjh)(gd; 10/22. Forbes, TX)[0200] 434; 10/24 Yajko, PA)
- 15333 0133 R. Nacional, YL w/ ID, OM w/ jazz px, nx; (433; 10/8. Cucura, PA)[0300, breaking my S-meter] 454; 10/30. Worrel, ND)[0250] 444; 10/11. Cook, CA)[0155] 444; 10/15. Alexander, PA)[0235] 444; 10/27. Audette, MA)

ECUADOR -- HCJB

- 3220 0050 Quechua, tlc (232; 10/15. Yajko, PA)
- 6095 0500 EE, Música del Ecuador, Psychology for Living @0515 (555; 10/12. Streiker, WA)
- 9545 0240 EE, DXPL, item about History of Radio, tlc about SW in WW II (433; 10/21. Curtis, TN)
- 9745 0230 EE, DXPL, SPEEDX, Technical Topics (Atsa way, Sandy! cpjh) very weak (323; 10/7. Streiker, WA)(I've found that RS Peace and Progress often overpowers 9745 at 0230, just when DXPL is coming on. cpjh)[0155] 544; 10/17. Blaize, LA)[0030] 322; 10/16. Rudolph, AL)
- 11835 0712 EE, rel. message, Guidelines, ID, "Happiness is..." (555; 10/15. Smith, FL) ([0720] 434; 10/13. Streiker, WA)
- 11910 0030 EE, mx, encounters, (443; 11/5. Zilmer, WI) UK)
- 15405 2137 EE, DXPL, is this a new fqy? Ad for 1980 HCJB Calendar (232; 10/13. Calver, 17890 1245 EE, fair in Guayaquil, other chit-chat, (444; 10/14. Earhart, PA)
- 3252 0115 LV del Triunfo, ballads, (fr; 11/11. Neumann, AZ)[0440, rock mx, frequent IDs, 0455*] 332; 11/3. Ray, PA)
- 3380 1047 R. Iris, LAm mx, ID @1050 by OM/YL, into more mx, tremendous het 1058 as R. Chortís s/on knocked Iris out. Some UTE QRM (322; 10/12. Cunningham, OH)
- 3390 1030 R. Zaracay, flute mx, many IDs (353; 10/28. Ray, PA)
- 4680 0530 R. Nacional Espejo, Andean mx, ID, TC (343; 10/21. Alexander, PA)
- 4797 0436 LV de los Caras, LAm "Yip, yip, yip" country mx, anmts, ID by OM @0443; definitely off fqy w/ usual obnoxious het (322; 10/14. Cunningham, OH)
- 4820 0935 R. Paz y Bien, native mx, tlc, anmts, ID (323; ---; Tannenwald, NY)
- 4850 1005 R. Luz y Vida, string mx, anmts, ID (333; 10/13. Tannenwald, NY)
- 4920 0055 R. Quito, Ecuadorian mx, anmts, ID (322; 10/14. Tannenwald, NY)

FALKLAND ISLANDS - FIBS

- 2370 2332-0130, DJ program to 0000 (w/ OM DJ and BBC mentions). @0000 BBC time pips and nx. 0015 BBC chimes and "BBC World Service." Station ID @0015 "BBC Correspondents' Report" program (0017-0022) logged 5 continuous minutes of programming. 0030-Religious px; 0100 -- Classical mx. 0122-0130 power line buzz covered FIBS and continued past 0200 GMT. (no FIBS station ID heard to confirm this reception (222; 11/4. Dobbins, MD)

GALAPAGOS ISLANDS - La Voz de Galápagos

- 4810 0100 Orchestral mx, LAm mx, YL ancr, tlc (232; 10/28. Alexander, PA)[0258; no QRM but plenty of QRN (You'll find the noise levels increasing to a deafening peak as the sunspot cycle moves toward its peak. That accounts for the lower turnout of reports this time, I suppose. cpjh)] 252; 10/23. Smith, CA)[0400; 0405*] 322; 11/2. Pettit, IA)

NO ROOM TO BEGIN GUYANA. JUST A NOTE HERE -- PLEASE USE REPORT FORMS FOR REPORTING -- IT MAKES MY JOB MUCH EASIER (I DON'T HAVE TO TRANSCRIBE YOUR REPORTS BEFORE I USE THEM). TNX.

GUYANA GBS

5950 0210 GBS, EE, "GBS, Georgetown," OM ancr, ID, pop mx, oldies; (pr; 10/16. Zavatsky, CT)([0930; ID: "The GBC"] 444; 11/3. Audette, MA)([0249*] 10/24. Uerling, OR)
 ([0105] 222; 10/11. Alexander, PA)([*0845; early church service] 342; 10/14. Jones, MS)([0250*] 333; 10/29. Durnavich, IL) +2

PERU

3240 0115 R. América, ID, U.S. pop mx; RTTY @0115 (weak; 11/11. Neumann, AZ)
 3330 0220 Ondas del Huallaga, LAM mx, OM ancr, over CHU (333; 10/27. Howell, CA)([0735; presumed one under CHU playing US MOR/orch. pieces] very weak, 11/8. Neumann, AZ)
 4860 0634 R. Chinchaycocha, Lively LAM mx, ID @0646 by OM ancr, tlk, references to "La Voz de Junín," 0652* w/ flute/guitar mx, 0657 pulled plug (332; 10/13. Lattemann, WA)
 ([*1058] ID, NA; 332; 10/9. Jones, MS) Alexander, PA
 5010 1040 R. Eco, Peruvian mx, YL w/ TC (332; 10/10. Jones, MS)([0030] 242; 10/9. /
 5040 0755* R. Libertad de Junín, mx, "Happy Birthday" in EE, ID, NA, s/off (343; 10/9. Jones, MS)
 9509.7 *1042 R. América, mx following open carrier, 1047 full series of IDs: "Esta es OAX4U, 1010 kHz, onda media; 94.1 MHz frecuencia modulada; OAX4V 6010 kHz, banda de 49 metros; OAX4W,..." Nearly overwhelmed by BBC open carrier at BBC's s/on @1050. Hearing this seems to depend on the station signing on before the BBC xmitter comes up; perhaps only audible occasionally on Sundays (10/23. Walcutt, ??)

SURINAM — SRS

4850 0925 EE/DD, EE C&W mx, ID @0930 (433; 9/15. Olson, CA)([0415] show mx; 434; 10/11. Connell, CA)([0919] 433; 10/31. Lattemann, WA)

URUGUAY — S.O.D.R.E.

11885 2330 EE, ID, YL reading SAM mx, development of LAM countries (222; 9/25. Hodsdon, MN)([2350] poor; 10/16. Zavatsky, CT)

VENEZUELA

3255 0115 LV del Tigre, ID, (weak; 11/11. Neumann, AZ)([0055; "It's Impossible"] 242; 10/13. Alexander, PA)([0243; Rumbos station list] 232; 10/27. Blaize, LA)
 3275 0015 R. Mara, EZL mx, ID by YL, tlk (242; 10/27. Alexander, PA)
 3355 0728 R. Impacto, 11/8 hot w/ US disco mx and SS DJ. Awful QRM from 3356.5 kHz UTE. Fair level though very tough copy (Neumann, AZ)
 3395 2350 R. Universidad, LAM mx, anmts; (242; 10/26. Alexander, PA)([0222] fr; 10/12. Zavatsky, CT)
 4770 0034 R. Bolívar, Lively LAM vocals, polka-like (333; 10/29. Yajko, PA)([0249] 434; 10/21. McLean, NY)([0244] —; 10/13. Holland, NY)
 4800 0200 R. Lara, ID, Venezuelan mx; (444; 10/16. Thompson, NM)
 4840 *0922 R. Valera, NA, ID, calls, fqys. (343; 10/26. Jones, MS)([2357; disco mx, SS ballads, ID w/ mention of San Cristobal 0025] exc; 10/9. Cunningham, OH) +2
 4850 0140 R. Capital, mx, "That's that," ID @0142; (333; 10/7. Connell, CA)
 4880 0130 R. Universo, Ballad: "Every Moment is Like an Hour," IDed @0134; ad for Torres Fish Co. @0135 (333; 10/9. Connell, CA)([0313] fr; 10/30. Shockley, NY)
 ([1040] 433; 10/31. Lattemann, WA)([0240] 344; 10/22. Duran, NJ) +3
 4900 0220 R. Juventud, mx by Earth, Wind and Fire, Pablo Cruise, and local SS mx; (443; 10/8. McLean, NY)([2300] 242; 10/30. Alexander, PA)([0245] 444; 10/22. Duran, NJ)([0205] 322; 10/23. Stone, ON)([0345] 333; 10/13. Hackney, TN)([0150] 444; 10/24. Ray, PA)
 4940 0320 R. Yaracuy, Up-tempo tropical mx, ran an ad (553; 10/24. Rosewarne, CA)
 ([0235] gd; 10/26. Forbes, TX)([fqy 4939m; 0122] 333; 10/9. Connell, CA)([2235; ad for Banco de los Trabajadores and General Motores] 353; 11/3. Moore, PA)
 4970 0442 R. Rumbos, tlk, LAM mx, many IDs; (434; 9/22. Kneaskern, NY)([0118] 333; 10/9. Connell, CA)([0905] 433; 10/31. Lattemann, WA)([0002] fr; 10/13. Cereghin, MD) +3
 4980 0204 Ecos del Torbes, TVOC mentioned, DJ px w/ ads, 0227 Pepsi (422; 10/26. Dobbins, MD)([0116] 333; 10/9. Connell, CA) +3
 4990 0335 R. Barquisimeto, vocals, many IDs; (343; 10/20. Earhart, PA)([0030, often mentioned an International Service] fr; 11/5. Cereghin, MD)
 5030 0927 R. Reloj Continente, happy singing by OM, tlk, (433; 10/31. Lattemann, WA)
 ([0112] gd; 11/5. Cereghin, MD)([0440] 343; 10/13. Earhart, PA)([0445] gd; 10/18. Cook, CA)([0216] 343; 10/29. Yajko, PA)([0010] 343; 10/9. Alexander, PA)([2352] 332; 10/25. Dilk, NJ)
 5050 0739 R. Mundial, Lively vocal mx, ads, ID jingles @0748 and 0800 "Radio Cadena," talk and mentions of Venezuela (333; 10/24. Lattemann, WA)([0703] 242; 11/2. Mosier, CA)
 6010 1004 R. Los Andes, mx, YL w/ usual "R. 1040" (322; 10/26. Jones, MS)
 6120 0950 R. Angostura, OM anmts, ads, tlk to 1000, w/ net list? (333; 10/24. Audette, MA)([*0925; NA, march mx, ID as "R. Angostura Internacional," calls, fqys, "Buenos Dias Amigos," sung to time of familiar college fight song] 323; 10/16. Jones, MS)
 6180 *0923 R. Turismo, NA, martial mx, ID, "—La mejor en Radio—" (353; 10/22. Jones, MS)
 9660 0200 R. Rumbos, AM ancr, door chimes, (433; 10/9. Stone, ON)
 9751+ 2338 R. Occidente, OM ballad, hets all over (222; 11/4. Lowe, AR)

I would like to interpose here a plea for timely mailing of loggings. Since the 12th was a mail holiday this month, I hoped many of you would get your loggings in early. Unfortunately, many loggings arrived on Tuesday, after I had typed three pages of the column. I am interposing as many of the good loggings as I can, but bear in mind that if the 12th of the month falls on a Sunday or a mail holiday, it is helpful if you could mail your loggings a day early -- in fact, they thusly have a better chance of appearing in these humble pages. Those loggings (many) which arrived on Wednesday are not going to be printed because I was too far along to sort them and enter them on the magnetic cards. Sorry.

NORTH AND CENTRAL AMERICA

ANTIGUA

- 6040 0130 DW Relay, EE, world nx, cmt on Nobel Peace Prize winner Mother Teresa (544; 10/17. Stone, ON)
- 6175 2315 BBC, EE, jazz mx, nx; (---; 10/13. Holland, NY)([0442] ---; 10/22. Smith, CA) ([2315] 333; 10/3. Willis, PA)
- 9510 0507 BBC, EE, world service nx (544; 11/4. Mappin, WA)([0625] 555; 10/5. Streiker, WA)([0726] ---; 10/14. Holland, NY)
- 9690 0823 DW, GG, tlk by YL (---; 10/14. Holland, NY)

IT IS APPROPRIATE HERE TO GIVE THREE CHEERS TO THE BRITISH HOUSE OF COMMONS, WHICH FORCED THE TORY GOVERNMENT TO BACK DOWN ON THE BBC CUTS. THERE WILL BE (THE NEW YORK TIMES INFORMED US YESTERDAY, 11/15) NO CUTS OF LANGUAGES OR SERVICES. INSTEAD, THE COSTS OF UP-GRADING THE TRANSMITTERS AND RELAYS WILL BE SPREAD OVER FIVE YEARS RATHER THAN FOUR. NINE-TENTHS OF A LOAF IS ALMOST AS GOOD AS THE ENTIRE LOAF!!! OUR THANKS ARE HEARTFELT!!!

BELIZE - Radio Belize

- 13285 0120 EE, very poor signal, nx, static and QSB, no ID hrd (very pr; 10/24. Zavatsky, CT)([1105] 253; 11/3. Moore, PA)

CANADA

- 5960 0400 RCI, EE, Gerard Raiskind w/ nx; (555; 10/31. Dunn, CA)([0020] 555; 10/14. Curtis, TN)([0014] 544; 10/15. Davenport, TN)
- 6005 1248 CFCX, Montréal, EE, ads, Q&A session (433; 10/30. Dilk, NJ)([0828] 323; 11/3. Lowe, AR)([1201] 544; 10/8. Crosby, NJ)
- 6065 1119 CBCNS, mx, sx nx, Lake Placid; (544; 10/27. Dilk, NJ)([1048] 454; 10/25. Audette, MA)([1143; mailbag w/ birthday greetings for people over 90] 444; 10/8. Crosby, NJ)
- 6070 0822 CFRX, Toronto, EE, "You're So Good," Thanksgiving Prayer (I believe that Canadian Thanksgiving is the first Monday in October. cpjh) 423; 10/8. Crosby, NJ) ([0905 353; 10/14. Rosewarne, CA)([0825] 222; 10/21. Cucura, PA)([0900] 122; 10/28. Alexander, PA) WI)
- 6080 0847 CKFX, Vancouver, EE, C&W mx, ID as "Super Country CKWX" (322; 11/1. Kowalski, 6130 2328 CHNX, Halifax, EE, C&W mx, "Radio 96, CHNS" (333; 11/4. Lowe, AR)([0735] 333; 10/27. Witte, CA)([2250] 422; 10/24. Ray, PA)([1040] 444; 10/25. Audette, MA) ([1152] 233; 11/1. Shaffer, IN)([0943] 323; 10/8. Crosby, NJ) mann, WA)
- 6160 0111 CKZU, Vancouver, EE, CBC Evening Nx, ID, "As It Happens" (444; 10/26. Latte- 6195 2310 RCI, EE, nx magazine, (---; 10/13. Holland, NY)([0420] 444; 10/22. Smith, CA) 9560 0300 RCI, EE, YL regional nx, wx, sx; (444; 10/15. Hensley, TX)
- 9625 0250 CBCNS, FF, mx, QRM, flutter fading, (v. poor, 312; 10/21. Blaize, LA)
- 9755 2332 RCI, EE, "Eureka" w/ telephone interviews about hypertension and computer games (555; 10/18. Heyman, NY)([2325] 555; 10/24. Connell, CA)
- 11720 1920 CBCNS, FF, tlk, mx; (---; 10/14. Holland, NY)([1400] 555; 10/27. Mellinger, NJ)
- 11845 0220 RCI, EE, DXD (444; 11/5. Zilmer, WI)([0415] 544; 11/4. Witte, CA)
- 11945 2155 RCI, EE, tlk (10/14. Holland, NY)
- 15190 0256 RCI, EZL mx, nx; (10/11. Holland, NY)
- 15260 2000 RCI, FF, nx, mx; (10/16. Holland, NY)
- 17750 2030 RCI, FF, nx; (444; 10/18. McKinney, PA)([2015] 555; 10/18. Schroeder, WI)
- 17820 0103 RCI, EE, nx, sx, politics, tlk on the geese heading south (Just in time for roast goose on Txngiving! cpjh)(333; 10/27. Dilk, NJ)([0101] 444; 10/15. Lattemann, WA)
- 17845 0315 RCI, EE, DXD, w/ interview w/ Dr. David Meisel on the sun (Hope he wasn't too warm, hi! cpjh)(433; 10/15. Lattemann, WA)
- 21695 1555 RCI, EE, report on the James Bay [Hydroelectric] Project.(555; 10/27. Curtis, TN)

COSTA RICA

- 4832 2247 R. Reloj, ID by OM, vocals, into nx; (gd; 10/26. Zavatsky, CT)([0220] 433; 10/21. McLean, NY)([0308] 444; 10/24. Connell, CA)([0240] 333; 10/21. Alexander, PA) ([0445] 343; 10/13. Hackney, TN)([0258] 10/13. Holland, NY)([0615] 544; 10/7. Streiker, WA)([0755] 453; 10/17. Munster, GA)
- 5055 0140 Faro del Caribe, EE, "Voice of Salvation" (pr; 11/5. Cereghin, MD)([0055; SS] 333; 10/24. Tannenwald, NY)([0350; EE] gd; 10/12. Zavatsky, CT)([0043; SS] 343; 10/29. Yajko, PA)([0300; EE] 332; 10/20. Johnson, MN)([0330; EE] 333; 10/30. Ray, PA)
- 5955 0522 R. Casino, EE, The Music You Want When You Want It, TC #0534 "25 min. until midnight." ID #0539: "R. Casino in Costa Rica." 0600* (333; 10/26. Lattemann, WA)

COSTA RICA — continued

- 5955 1200 R. Casino, ID, fqys, "— su favorito de siempre, R. Casino..." fading fast (232; 11/3. Jones, MS)
- 6006 0900 R. Reloj, SS, variety of mx, IDs, TCs, station promos (444; 10/13. Davenport, IA)([0625] 333; 10/13. Streiker, WA)([0800] 333; 10/6. Streiker, WA)([1007] 444; 10/8. Crosby, NJ)
- 6082a 0000 R. Victoria, on tip from H. Lazarus. Tentative. Big-Ben-sounding chimes, ID, tlk, many mentions Costa Rica, Heredia, later Lazarus almost sure of "R. Nueva Victoria (333; 11/7. Jones, MS)
- 9615 0430 LV de la Victor (sic), nx of the world, significant QRM (222; 11/1. Dunn, CA) (Is this R. Noticias del Continente in a new incarnation?? cpjh)

CUBA

- 5965 0953* RHC, PP, end of nx,cmt.; carrier on to about 1000 (544; 10/26. Jones, MS)
- 6115 *0000 Radio Moscow North American Svce. now here ex-9600 from Cuba evenings, noted 10/31 *0000, and 10/30 continuing past 0400 w/ World Service; usual cruddy mod and hum, but should come in handy during ionospheric disturbances (Hauser, TN)
- 9525 0720 RHC, EE, nx; (444; 10/6. Streiker, WA)([0635; U.S. President James Carter] (444; 10/5. Streiker, WA)
- 9550 1227 RHC, good SS mx; (543; 10/22. Dilk, NJ)
- 9600 1500* RMWS, new season sked has extended this relay in the mornings to 1500*, ex-1300*, noted 10/28; bad mix w/ R. Tashkent to 1230. Not sure when this one starts up now. As before, takes a 30-min. break and then comes up on 25m, now 11860 (Hauser, TN)([1000] 555; 10/26. Davenport, TN)
- 11710 0515 RHC, EE, OM script reader on CIA station chiefs around the Caribbean; (444; 10/19. Streiker, WA)
- 11760 0356 RHC, EE, propaganda about how "capitalist" countries don't help underdeveloped countries (444; 10/19. Blaize, LA)([0127] 353; 10/22. Smith, CA)([1330] 333; 10/26. Leeman, RI)([0414] 333; 10/18. Crosby, NJ)([1530] 433; 10/23. Smith, FL)
- 11860 1635 RMWS, EE, class mx being played. A slight move from 11840. No tech problems (555; 10/27. Curtis, TN)([*1530; The Blob, RMWS, here ex-11840 for reasons unknown; doesn't seem as strong as before; sked changed to 1530-2200; checked 10/28 and 29.] Hauser, TN)
- 11920 2033 RHC, EE, Spotlight on LAm, (433; 10/25. Audette, MA)([2137; RHC closing EE mission on this new fqy w/ NA, 10/25; don't know whether still on 16m too or not] Hauser, TN)
- 11930 0420 RHC, EE, History of Cuba in Progress "The Cuban Story," (545; 10/8. Streiker, WA)([0312] 10/18. Holland, NY)([0220] 444; 10/12. Hensley, TX)
- 17855 2000 RHC, EE, nx,cmt.; (433; 10/18. McKinney, PA)([2030] 555; 10/18. Schroeder, WI)

DOMINICAN REPUBLIC — ??

- 4825 1205 SS, keeps mentioning Santo Domingo — organ mx. between talks (343; 10/10. Forbes, TX)(Perhaps LV de las Fuerzas Armadas w/ after-David pxx? cpjh)

GRENADA - R. Free Grenada

- 15045 2148 EE, preacher reading passages from the Bible, pointing out their significance to Grenada at this time. "Now is the accepted time" seems to be the theme of the program. Hymn in background. (332; 10/11. Earhart, PA)([2220; px on germs] 433; 10/8. Streiker, WA)([2325] 444; 10/22. McLean, NY)([2130] 433; 10/6. Connell, CA)([2320] 545; 10/4. Curtis, TN)([2300; obituaries] 343; 11/3. Dunn, CA)([2145] 333; 10/6. Streiker, WA)([2300] 353; 10/12. Cook, CA)([2340] 554; 10/17. Rosewarne, CA)([2245] gd; 9/29. Newton, CA)([2201] 343; 10/14. Calver, UK)([2232; mushy audio] 433; 10/17. Blaize, LA)([2310] 323; 11/4. Shockley, NV)

GUATEMALA

- 3300 0410 R. Cultural, EE, tlk, fair sig, overwhelmed by high QRM (fr; 11/5. Shockley, NV)([0425; 0433*] 444; 11/1. Ray, PA)([0301] 444; 10/27. Thompson, NM)([0400] 444; 10/21. Ossege, OH)
- 3325 1034 R. Maya, Indian, ID, TC, tlk (echoed) over marimba mx; (454; 11/2. Jones, MS)([0745; Maya presumed the one w/ ranchera mx. Weak w/ RTTY QRM — presuming that Ondas Quevedenas doesn't play ranchera though the time fits them more than R. Maya] 11/8. Neumann, AZ)([0313] fr; 10/27. Coomler, CA)
- 3360 0120 LV de Nahualá, LAm mx in progress, "La Programa Mexicali," ID: "La una con treinta minutos de La Voz de Nahualá." then "Programa de Mi Tierra" (533; 10/9 Boehm, TX)
- 3380 1058 R. Chortis, Marimba mx, IS, s/on stuff w/ ID, mention of Guatemala, strong (423; 10/12. Cunningham, OH)([0132; ID: "R. Chortis Jocotañ con música por toda la familia,"] 433; 10/7. Boehm, TX)([0230] 444; 10/28. Thompson, NM) son, NM)
- 4825 0200 R. Mam, marimba mx, ID (333; 10/18. Alexander, PA)([0030] 444; 10/26. Thomp- /
- 4835 0130 R. Tezulutián, mx: "Torn Between Two Lovers" (423; 10/6. Pettit, IA)([0100] 454; 10/26. Thompson, NM)([2345] 333; 10/24. Durnavich, IL)

ONE MORE PAGE TO GO!!! R. NACIONAL NEXT.

GUATEMALA — continued

6180 1105 R. Nacional, SS, mx, tlk, TCs, ID (333; 10/20. Tannenwald, NY)([0200] gd; 10/29. Barr, CA)([0555] 323; 10/28. Pettit, IA)([1215] 343; 10/24. Forbes, TX)([0030] fr w/ BBC QRM on 6175; 11/4. Shockley, NV)

HAITI — R. Station 4VEH

9770 2145 EE, OM/YL ancrs, IS, mx; (343; 10/16. Howell, IA)
11835 2345 EE, rel px/mx; 0000* (v. poor; 10/13. Zavatsky, CT)([1140; sig. fade/QRM by 1147] 444; 10/8. Cunningham, OH) +6

HONDURAS

4820 0447 LV Evangélica, EE, "Night Sound," 0500* (434; 9/22. Kneaskern, NY) +5 CA)
4840 0315 R. San Isidro, Play-by-play ancrmt of dog races, ID @0320 (233; 10/24. Connell, OH)
4890 0130 R. Lux, IDs, tlks, mx; (444; 10/26. Thompson, NM)([0033] 353; 11/4. Moore, PA)([0155] 433; 11/4. Yajko, PA)
4965 0325 R. Landia, ballad-type mx, slow speaking ancr: "music for the quiet time of the night" (343; 10/24. Connell, CA)

MEXICO

2390 0111 R. Huayacocotla, LAM ballads, tlk by OM, complete ID by YL @0205 using echo effects. Exc. signal when not in deep fade (433; 10/14. Cunningham, OH)
5985 0208 R. México, LAM MOR mx, anmts; IDs (333; 10/22. Cunningham, OH)
6105 0441 Su Pantera, Disco Mx (Ugh!) (I agree. cpjh)(232; 10/14. Mosier, CA)
6115 2200 R. Univ. de Sonora, ½ hr. of class. mx (Ah! cpjh)(454; 10/27. Thompson, CA)([0145*] gd; 10/23. Barr, CA)
6165 1100 XEWW, SS, many IDs, tlk; (333; 10/16. Zilmer, WI)
15340 0310 R. México, tlk by OM/YL, fqy. now clear (545; 10/24. Rosewarne, CA)

MONTSERAT — DW Relay

9545 0132 EE, nx, into Current Events Magazine (gd; 10/22. Zavatsky, CT)

NETHERLANDS ANTILLES

6165 0458 RN, Dutch, OM, nx? (444; 10/22. Smith, CA) +5
9575 0749 TWR, PP, rel. mx, ID; (10/14. Holland, NY)
9590 0247 RN, EE, DXJ, technical questions (433; 10/26. Rudolph, AL)
9715 *0830 RN, EE, Happy Station (10/14. Holland, NY) +2
9770 0842 RN, Dutch, nx; (10/14. Holland, NY)
11925 0115 TWR, EE, rel. px; (422; 9/27. Beeman, OH) +3
21640 2100 RN, EE, His & Hers, for Africa (444; 10/2. Stone, ON)

NICARAGUA — La Voz de Nicaragua

5950 0441 Music from Mexico, ID: "The Voice of Nicaragua, the Voice of Reconstruction." other IDs, TC @0511, "Hora Oficial," foll. by Chick Corea and disco mx; 0558* (443; 10/15. Lattemann, WA)(0422; "Transmite LV de Nicaragua, LV Oficial del Gobierno de Reconstrucción Nacional, en el año de la liberación," (gd; 9/21. Muñoz Faccioli, Uruguay)([0451] 434; 10/14. Cunningham, OH)([0338] 444; 10/14. Streiker, WA)([*0445] gd; 10/18. Barr, CA)([0540] 444; 10/13. Connell, CA)([0434] 343; 10/14. Mosier, CA)
11845 0427 OM tlk, ID @0428, hrd. more clearly after Canada off(333;10/15.Lattemann,WA)

UNITED STATES OF AMERICA

6208 0555 WDAB, EE, IDs, 60s mx, professional-sounding DJ (He is! cpjh) (232; 10/21. Alexander, CA)([2125] 131; 10/21. Audette, MA)
6405 0600 KVHF, EE, Moody Blues mx, first time on this fqy; (434; 11/4. Mosier, CA)
6415a 0630* KVHM, EE, nonstop oldies, off @0630 w/ "Good night and good morning, KVHM." carrier promptly off. (gd; 10/27. Coowler, CA)
6420 0530 KVHF, EE, "From the Pacific to the Atlantic, this is KVHF." A little overconfident, aren't they? (no, I've heard them here. cpjh) Also hrd. on 10/20 and 22. (454; 10/17. Mosier, CA)
7355 0523 R. Radio or R. Stereo, EE, old 60s pop mx, ID as R. Radio or R. Stereo, weak, 0535* (121; 10/7. Mosier, CA)
Tom Smith took a trip through the Far East, to Japan and China. He sends many AFRTS loggings, for which I haven't enough room, but I heartily agree with his sentiments: "A wonderful service." I have never traveled far from the U.S., but if I had, I am sure that I would appreciate AFRTS news, etc. He also was listening with either a Sony ICF 5900 or a 7600, alternately, both of which are very portable -- very good for traveling.
7360 0508 R. USA, EE, tlk on Y-match for antenna, ID as "This is Radio USA, located somewhere in the western half of the U.S." Talked some more on Y-match, gave ID, then gave a review of 2 rock albums. ID, and gave a P.O. Box address for letters, located in Sacramento. IDed again, 0522* (333; 9/8. Olson, CA)

This is a perfect example of the ham-related pirate broadcaster. These people are probably either hams, or connected with hams. They are unusual in that they IDed.

There were 25 other loggings of various U.S. stations.

A pretty complete column this month. Report early and often next month, as the holiday rush will make an early mailing of the columns desirable. Thanks and 73's. Chris Hansen

SWBC - EUROPE



EDITOR

TIM McCURDY
4375 Ocean View
Montrose CA 91020

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

ALBANIA

- 5057 0510 Gjirokaster; Albanian flute mx folk dance mx (222 10/
Uerlings-OR)
- 6210 0145 RT; EE excerpts from the diary of Enver Hoxha (332 11/3
Ray-PA)
- 7065 0510 RT; FF nx and commentary (434 10/14 Hackney-TN)
- 7095v 0515 RT; Crotian cmty (333 10/14 Hachney-TN)
- 7120 0230 RT; EE yl w/ cmty nx CW-QRM (333 10/27 Dilk-NJ)(Forbes-
TX)(Blaize-LA)
- 7300 0355* RT; EE end of transmission (333 10/24 Smith-CA)(Cook-CA)
- 9480 1836 RT; EE political cmty ID's mx (232 10/27 Audette-MA)
- 9750 0001 RT; EE reading from "Reflections on China" by Enver Hoxha
(433 10/15 Latteman-WA)

AUSTRIA

- 5945 2307 ORF; EE Austrian SW Panorama (333 10/28 Yajko-PA)
(Smith-CA)(Cereghin-MD)(Coleman-MA)(Blom-NY)
- 9770 0157 ORF; EE IS ID under many co-channel stations (211 10/17
Blaize-LA)(Shockley-NV)(Davenport-TN)(Smith-FL)(Klasek)
- 12015 0335 ORF; SS mx w/ Zither and orchestra (555 10/28 Hesch-NY)
- 15260 0515 ORF; GG Austrian contemporary mx (443 10/28 Witte-CA)
(Sgreiker-WA)
- 15560 1848 ORF; EE ID tx on composers and mx events (433 10/10
Hodson-MN)
- 17860 1235 ORF; EE tx about Austrian mx (333 10/28 Audette-MO)
- 21470 1310 ORF; GG mx of Mozart (433 9/26 Smith-P.R. CHINA)
- 21580 *0400 ORF; GG IS GG pgm (355 7/3 Newell-BC)
- 21670 1240 ORF; EE "Report from Austria" tx about Czechoslovakia
(322 10/26 Audette-MA)

BELGIUM

- 9685 0015 BRT; EE mx and DX show (222 10/30 Streiker-WA)
- 11715 0015 BRT; EE tlk about discrimination against the weaker sex
(554 10/11 Byron-NY)(Audette-MA)(Alexander-PA)
- 21460 1200 BRT; FF classical mx selections (333 9/9 Duran-NJ)
(Thompson-CA)

BULGARIA

- 9665 2150 RS; EE om w/ ID and DX prgm (544 10/26 Cucura-PA)
- 9700 0120 RS; EE tlk abt Bulgaria (332 10/26 Smith-FL)(Holland-NY)
(Audette-MA)
- 9765 2138 RS; EE nx ID DX-prgm (444 10/28 Audette-MA)(Olson-CA)
(Rosewarne-CA)
- 9835 0418 RS; Greek om w/ tlk (243 10/23 Smith-FL)
- 11750 0432 RS; EE nx of Europe (333 10/8 Uerlings-OR)(Shockley-NY)
(Lucas-CA)(Witte-CA)(Yajko-PA)(Connell-CA)(Cucura-PA)
- 11850 2130 RS; nx ID "View Point" (343 10/15 Smith-FL)(Holland-NY)
- 15310 1936 RS; FF tlk disco mx (422 10/11 Latteman-WA)
- 15330 0030 RS; EE Bulgarian short stories (444 10/17 Rudolph-AL)
(Cucura-PA)(Klasek-MO)
- 17825 1835 RS; EE nx MOR (423 10/19 Rosewarne-CA)

CZECHOSLOVAKIA

- 5930 *0300 RP; nx Czech economy was discussed (433 10/10 Coleman-MA)
- 6055 2135 RP; EE nx mx tlk abt mx (333 10/21 Audette-MA)

CZECHOSLOVAKIA cont.

7345 0331 R. Prague; EE czech disco mx (343 10/12 Lucas-CA)
 (Trummel-IL)(Bratlie-MN)
 9540 *0300 R. Prague; EE ID freq's nx (333 11/5 Shockley-NV)
 9740 *0100 R. Prague; EE IS trumpets ID into nx (433 10/20 Cook-CA)
 11855 0730 R. Prague; EE TC mx (322 10/31 Rosewarne-CA)(Smith-FL)
 11990 0110 R. Prague; EE ID sked mx (555 10/20 Klasek-MO)(Yajko-PA)

DENMARK

15165 *2200 RD; Danish IS anncr w/ ID in EE (322 10/5 Pettit-IA)

FINLAND

9575 0330 RF; EE "Off the Cuff" and "Stores of our Times" prgms
 (433 11/4 Zilmer-WI)
 11755 0330 RF; EE nx ID "Spotlight" (433 10/11 Cook-CA)(Rosewarne-CA)
 15400 *1447 RF; EE om w/ nx IS ID followed by info on next xmsn
 (422 10/25 Thompson-CA)(McKinney-PA)(Hesch-NY)(Crosby-NJ)
 21475 1440 RF; EE tx about developing countries (333 10/6 Newton-GA)

FRANCE

9550 0740 RFI; FF rel service (? 10/14 Holland-NY)
 11805 2040 RFI; FF tlk (? 10/14 Holland-NY)
 15155 0518 RFI; FF rock mx (333 10/22 Smith-MA)
 15300 0745 RFI; FF tlk pop mx (343 10/21 Alexander-PA)(Holland-NY)
 17720 1600 RFI; EE "PCA" (545 7/29 Puchett-OH)
 17850 1749 RFI; EE end of "PCA" prgm mx (334 10/20 Olson-CA)(Klasek-
 MO)(Connell-CA)
 17860 1605 RFI; EE African nx (333 10/26 Audette-MA)
 21530 1200 RFI; FF ID req's mx (333 10/11 Forbes-TX)
 21580 0633 RFI; FF om w/ tlk (554 7/3 Newell-BC) Try to keep it up-to-
 date. This is much to old. ed
 21620 1720 RFI; EE "PCA" nx interviews (433 10/20 Thompson-CA)
 21645 1438 RFI; FF DJ rock and pop mx (454 9/4 Smith-P.R. CHINA)
 25820 1230 RFI; FF pop mx (555 10/31 Mellinger-NJ)
 25910 1515 RFI; FF ID followed by news (333 11/2 Dunn-CA)

GERMANY (FED REP)

3995 0549 DW; GG s-off ARO QRM (323 10/2 Blaize-LA)
 5960 0530 DW; EE ID nx tlk abt Syria (333 8/28 Blom-NY)
 9735 0836 DW; GG tlk (? 10/4 Holland-NY)
 9765 0430 DW; EE "Good Morning Africa" (433 10/10 Cook-CA)
 17875 1217 DW; EE om w/ tlk on O.A.U. (333 10/26 Audette-MA)
 21600 1230 DW; EE cmtly on Political situation in Afganistan (444 11/1
 Mellinger-NJ)

GERMANY (DEM REP)

6040 0105 RBI; SS ID cmtly (343 10/17 Stone-ONT)(Pettit-IA)
 9730 0130 RBI; EE tlk about 30th anniversary of the end of WWII
 (433 10/1 Cook-CA)(Rosewarne-CA)(Connell-CA)(Blaize-LA)
 11890 0350 RBI; EE cmtly ID into mailbag prgm (333 11/5 Shockley-NV)
 11975 0105 RBI; EE "World and Home News" ID interview of the week
 (444 10/20 Audette-MA)(Smith-FL)(Stone-ONT)(Yajko-PA)
 21610 0355 RBI; SS wld nx (554 7/3 Newell-BC) Much too late. ed

GREECE

9515 0215 VOG; EE nx by om ID (544 10/5 Heyman-NY)
 9605 0630 VOG; GG IS NA ID tlk (222 11/3 Shockley-NV)
 11730 0015 VOG; EE nx by om prgm into Greek (454 10/3 Klasek-MO)

HUNGARY

9585 0215 RB; EE cmtly interviews by y1 (545 9/5 Trummel-IL)
 9835 0200 RB; EE nx cmtly (555 10/1 Klasek-MO)(Heyman-NY)(Streiker-WA)
 15220v 2125 RB; EE nx mx tlk abt sx (333 10/15 Smith-FL)(Kowalski-WI)
 (Audette-MA)(MCCurdy-AZ)

ITALY

9575 0115* RAI; EE s-off ancmts (433 10/1 Cook-CA) (Rudolph-AL) (Coleman-MA) (Hodson-MN) (Yajko-PA) (Earhart-PA)
 11800 0100 RAI; EE nx Italian lite mx (322 10/16 Rudolph-AL) (Hodson-MN) (McCurdy-AZ)
 15315 0040 RAI; EE nx cmt y (444 10/18 Bratisl-MN)
 15340 0345 RAI; EE mx abt Maria nx abt gas pipeline (443 10/11 Byron-NY)
 17795 0352 RAI; EE IS into middle of nx by yl (434 10/19 Bialze-LA)

LUXEMBOURG

6090 2355 RL; GG/EE mx GG till 0000 then EE nx (333 9/27 Beeman-OH) (Haskett-IN) (Uerlings-OR) (Smith-FL) (Lucas-CA) (Johnson-MN) (Boehm-TX)
 15350 0120 RL; FF R&R mx (333 10/28 Stone-ONT) (Alexander-PA)

MALTA

9565 0130 DW; EE nx to MA/Canada tlk abt college (443 10/8 Forbes-TX) (Thompson-MN)
 11765 0621 DW; EE/Huasa tlk abt Lybian power plants (343 10/8 Smith-FL)

MONACO

7105 0630 TWR; FF/EE nx by om/yl ID (433 10/24 Witte-CA)
 9495 0659 TWR; EE ID address (443 10/26 Olson-CA) (Klasek-MO) (Crosby-NJ) (Alexander-PA)
 11705 0450* TWR; EE s-off ancmts (333 10/14 Cook-CA)

NETHERLANDS

17605 1910 RN; EE "Happy Station" prgm (444 11/4 Donly-SC) (Streiker-WA)
 21640 1720* RN; AA Far Eastern mx cmt y (343 11/4 Dunn-CA)

NORWAY

9550 0328 RN; EE ID (222 10/30 Shockley-NV)
 9590 0200 RN; EE plane mx ID's QRM de RSA (444 10/15 Streiker-WA)
 9645 0610 RN; EE tlg abt building for the handicapped (433 ? Munster-GA) (Pettit-IA)
 11850 0805 RN; EE nx abt Norway (333 10/28 Alexander-PA)
 11860 1922 RN; NN ID's nx (333 10/11 Streiker-WA)
 15175 *2200 RN; EE s-on into Norway This Week (344 10/21 Yajko-PA) (Blom-NY) (Alexander-PA)
 21730 1400 RN; EE "Never too old to learn" part LL (444 10/8 Crosby-NJ) (Fraser-MA)
 25730 1215 RN; EE yl w/ tx on Norway's artists (354 10/21 Audette-MA)

POLAND

6435 2233 PR; EE om/nx ID's "This Week in Poland" (333 10/21 Audette-MA)
 7145 2229 PR; SS IS ID s-on (322 10/24 Donly-SC)
 7270 0645 PR; EE; om w/ tx on Poland's energy needs (444 10/26 Audette-MA)
 9525 0330 PR; EE ID prgm ancmts (314 11/7 Shockley-NV) (Klasek-MO)
 9675 0635 PR; EE nx (343 10/28 Alexander-PA) (McCurdy-AZ) (McLean-NY)
 11815 0200 PR; EE cmt y by om on UN General Assembly (424 10/13 Heyman-NY) (Byron-NY)

PORTUGAL

6025 0500 RP; EE nx by yl atts prgm (534 11/3 Pettit-IA) (Blom-NY) (Streiker-WA)
 11935 0500 RP; EE nx (433 10/16 Cook-CA) (Holland-NY) (Barr-CA)
 15175v 1824 RP; EE yl w/ tlk on Portugal's peoples and customs (422 10/8 Dilk-NJ)
 15305 2200 RP; EE ID nx cmt y (333 10/6 Alexander-PA) (Fraser-MA) Sorry this R. Japan. ed

ROMANIA

5990 *0130 RB; EE nx by om cmt y by om/yl (423 10/21 McLean-NY) (Zaïmer-WI)
 9570 0205 RB; EE Modern folk mx (333 10/17 NO NAME)
 11940 0410 RB; EE yl w/ nx of Romanian Communist Party (333 10/24 Smith-CA) (Pettit-IA) (Alexander-PA)

SPAIN

7105 2136 SFR; EE nx abt Spain ID mx (444 10/20 Calver-GB)
 9360 0100 SFR; SS TC ID's tlk mx (454 10/27 Thompson-NM) (Forbes-TX)
 9630 0005* SFR; EE tlk on the history of SS mx (433 10/28 Moss-CA) (Rudolph-AL) (Blaise-LA)
 11880 0050 SFR; EE DX-prgm yl/om anncr (444 10/28 Maise-LA) (Shockley-NV) (Smith-FL)

SWEDEN

9695 0230 RS; EE nx abt Danish election (545,10/23 Rosewarne-CA) (Audette-MA)
 11705 2304 RS; EE Panorama "Sweden Calling DX-ers" (544 9/4 Trummel-IL) (Streiker)
 (Blalze-LA) (Coleman-MA) (Shridharani-NY)
 11905 0030 RS; EE nx "Panorama" Swedish mx (544 10/30 Rosewarne-CA) (Barr-CA)
 15240 *2130 RS; SS s-on mx (422 8/26 Blom-NY)
 15275 2303 RS; EE om w/ nx ID (232 10/24 Audette-MA) (Yajko-PA) (Witte-CA) (Ray-PA)
 21570 1530 RS; EE wld nx "Talkback" mx (533 10/20 Dilk-NJ)
 21615 1400 RS; EE wld nx (533 10/8 Dilk-NJ) (Audette-MA) (Forbes-TX) (Rudolph-AL)

SWITZERLAND

7210 *0600 RCBS; EE IS interviews focused on RC's work in Asia (433 10/29 Pettit-IA)
 9535 1832 SRI; EE "Swiss Shoetwave Merry-Go-Round" (343 10/27 Audette-MA)
 9560 0659 SRI; EE mx ID TC "Dateline" (343 10/22 Smith-FL)
 9725 0430 SRI; EE nx w/ "Jazz Panorama" (544 7/23 Newell-BC)
 11710w 0430 SRI; EE "Dateline" (333 10/16 Streiker-WA) (Maise-LA) (Klasek-MO) (Witte-CA)
 15125v 1830 SRI; EE DX-prgm (343 10/27 Yajko-PA) (Audette-MA)
 15305 . 0145 SRI; EE IS nx BX-prgm (444 10/28 Alexander-PA) (Cereghin-MD) (Coleman-MA)
 (Holland-NY) (Pettit-IA) (Streiker-WA) (Shockley-NV) (Smith-CA) (Duran-NJ)
 15430 *1030 SRI; EE om ID TC mx (333 11/3 Audette-MA) (Rosewarne-CA)
 21520 1120 SRI; EE "Sunday Supplement" (343 10/21 Audette-MA)
 21585 1815 SRI; EE nx rpt on Swiss auto's (333 10/5 Streiker-WA) (Forrester-JAPAN)

UNION OF SOVIET SOCIALISTIC REPUBLICSRADIO KIEV

7215 0033 EE; yl w/ nx ID's "Ukrainian Panorama" (444 10/30 Audette-MA)
 9610 0307 EE; "Ukrainian Panorama" (444 10/16 Crosby-NJ)
 9655 0300 EE; nx "DX Corner" (444 10/17 McKinney-PA)
 9800 0055 EE; Mailbag prgm (444 10/14 Yajko-PA)
 11735 *0030 EE; nx (10/15 Holland-NY) (Cereghin-MD)
 11920 *0300 EE; Mailbag prgm (555 10/21 Newton-GA) (Klasek-MO)
 12060 0030 EE; mx from the Ukraine (444 10/15 Rudolph-AL) (Stone-ONT)
 17870 0325 EE; s-off ancmts invitation to write questions sked (423 ? Dunn-CA)

RADIO MOSCOW

4485 0635 RR; opera mx duets w/ full orch (333 10/7 Streiker-WA)
 5910v 1400 EE; nx followed by an economic discussion (322 11/3 Dunn-CA)
 5970 0705 RR; mx to ID and chimes @ 0730 (333 10/10 Streiker-WA)
 6020 1818 EE; DX-prgm and tx on SSB (545 11/2 Forrester-JAPAN)
 7390 2204 EE; nx ID "Guest Speaker" (333 10/22 Smith-FL) 1/2
 9450 1315 EE tik on inflation in the US and the dollar (422 10/11 Forbes@TX)
 9600 1103 EE; wld nx cmtly to 1130 (543 10/10 Dilk@NJ)
 9755 0303 RR; Mayak prgm tik and mx (222 11/7 Shockley-NV)
 11715 2220 EE; letterbox prgm mx (343 10/10 Smith-FL)
 11745 2220 EE; DX-prgm and comtest info ID (343 10/10 Smith-FL)
 11810 1240 EE; orch mx ID's nx cmtly (454 10/27 Thompson-NH)
 11840a 1900 EE; nx ID (10/14 Holland-NY) (Barr-CA)
 11855 1242 RR; yl w/ classical mx prgm (444 9/19 Smith-P.R. CHINA)
 11890 2152 RR; tik Russian mx (10/14 Holland-NY)
 12005 2310 ??; non-stop mx no ancmts (454 10/5 Smith-P.R. CHINA)
 12030 2328 EE; summary of nx (423 10/16 Blaize-LA)
 12050 0030 EE; DX-prgm mx nx (544 10/7 Pettie-IA)
 12060 0320 RR; mx ID follwed by Kiev (444 10/5 Stone-ONT) Sorry, this is Rodina. ed
 12100 1456 RR; yl w/ mx prgm (333 10/5 Smith-P.R. CHINA)
 15050 *0330 RR; IS ID s-on QRM de overmodulated jammer (232 10/30 Shockley-NV)
 15140 1530 EE; nx cmtly (322 11/4 Zilmer-WI)
 15150 1920 EE; "Soviet Panorama" (444 10/20 Ray-PA)
 15210 0300 SS; nx cmtly (10/11 Holland-NY) (Smith-P.R. CHINA)
 15350 *0330 SS; s-on to Africa nx off at 0345 (353 10/4 Boehm-TX)
 15395 1500 EE; nx cmtly (322 11/4 Zilmer-WI)
 15480 0605 RR; yl w/ nx (553 9/28 Smith-P.R. CHINA)
 15490 0609 RR; om anncr w/ mx (253 9/28 Smith-P.R. CHINA)
 15540 1303 EE; nx ID mx (433 10/20 Smith-FL)
 17700 0145 EE; tik abt smoking among teenagers (434 10/13 Streiker-WA)
 17730 1200 EE; nx listners letters (333 11/3 Zilmer-WI)
 77749v 0521 EE; om w/ cmtly on Chinese w/ propaganda (454 9/26 Smith-P.R. CHINA)
 17845 0015 RR; mx ID (433 10/7 Stone-ONT) Sorry, this is Kiev again.ed

UNION OF SOVIET SOCIALISTIC REPUBLICS cont.

RADIO MOSCOW cont.

21490 0513 EE; cmtly tlk on Warsaw Treaty (343 10/22 Smith-FK)
 21500 1304 EE; om/ rpt on Presidents speech at UN (443 9/26 Smith-P.R. CHINA)
 21565 0115 EE; cmtly on Vietnam (544 10/15 Stone-ONT)
 21615 1544 RR; Walter Cronkite was discussed by R. Moscow (333 9/22 Smith-P.R. CHINA)

RADIO STATION PEACE & PROGRESS

11925 1515 EE; om anncr ID cmtly (433 10/24 Lorenc-CA)
 15490 *1630 EE; IS sked nx (444 10/20 Connell-CA)

RADIO TASHKENT

11730 1217 EE; tlk abt the Soviet constitution (344 10/8 Crosby-NJ)
 15460 1206 EE; nx tlk abt troop levels, and German Democratic Rep. vs Peace
 (323 10/8 Crosby-NJ)

RADIO VILNIUS

7150 2338 EE; yl w/ Lithuanian mx sked (343 11/4 Audette-MA)
 11735 2322 EE; mx ID address (434 10/18 Beeman-?) (Wook-CA)
 15100 2317 EE; tx mx ID's (333 11/4 Shockley-NV)
 15240 2330* EE; ID s-off anmts by yl (222 19/30 Alexander-PA)
 17870 2300 EE; nx by yl/om mx (333 10/6 Streiker-WA)

UNITED KINGDOM

5975 0045 BBC; EE cmtly on the problem in Northern Ireland (444 9/24 Scott-OK)
 7280 1025 BBC; EE Big Band mx (343 11/3 Wittw-CA)
 7325 0138 BBC; EE ID nx (545 9/8 Trummel-IL) (Thompson-NM) (Blaize-LA)
 9825 0645 BBC; EE tlk abt labors (333 10/6 Streiker-WA)
 9915 0732 BBC; EE "English by Radio" (333 10/15 Smith-FL) (Cook-CA)
 11750 2115 BBC; EE cmtly on Northern Ireland (353 10/11 Fraser-MA)
 11780 2015 BBC; Polish tlk (10/14 Holland-NY)
 11945 0528 BBC; EE IS "English by Radio" (433 10/12 Latteman-WA)
 12995 0941 BBC; EE cmtly QRM (222 9/27 Scott-OK) (Latteman-WA)
 18080 1300 BBC; Cantonese tlk (353 10/28 Zilmer-WI) (AA 1652 Audette-MA)
 21695 1245 BBC; EE om/yl "English by Radio" (333 10/26 Audette-MA) (Zilmer-WI)
 21710 1510 BBC; EE rpt on excessive use of the death penalty (333 9/26 Smith-P.R.
 CHINA) (Smith-FL) (Rudolph-AL) (Newell-BC)
 25650 1605 BBC; EE om w/ WS nx (10/20 Uerlings -OR) (Audette-MA) (Smith-FL)

VATICAN CITY

6015 0144 VR; EE rel tlk (434 10/14 Yajko-PA)
 9645 2040 VR; EE tlk abt art (343 11/3 Yajko-PA)
 11845 0105 VR; EE tlk abt the Pope (444 10/15 Yajko-PA)

And now this special announcement off the AP wire and forwarded by Serge Neumann:

"The BBC is being forced to cut back some of its broadcast services. All the British Broadcasting Corporations overseas radio broadcasts in French, Italian, Greek, Turkish, Maltese, Burmese, and Spanish for Europe will come to an end under financial cuts announced today by the British government.

The BBC World Service in English and BBC External Service broadcasts in 31 other languages will not, however be affected by the cutback"

Well it appears that DX-ers have once again saved the BBC WS broadcasts once again. You are to be commended for your efforts.

And now for the following from the BBCMS.

USSR

In the DX-program broadcast on 5th August, Radio Moscow World Service stated that the regular listeners might have noticed considerable changes in the RMWS format. Some 99 percent of the talks and features had been withdrawn from the second half hour, which was now given over entirely to mx, and transformed to the first half hour. Therefore, all feature program including the one for DX-ers, now begins after the news bulletin.

Since the RMWS printed schedules were now "of little use", listeners were invited to tune onto the "Guide to our Programs" transmitted on Fridays at 0410, 1010, 1610, and 2010. The DX-prgm airs 5 times a week on Saturday 0810, Sunday 1210, Tuesday 1610 Thursday 2210, and Friday at 1810 GMT. Well that's it for this month. 73's

SWBC DX

AFRICA



Editor: WAYNE OLIVER
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BRADFORD MA 01830



FEBA

Seyohelles

Radio Television Kaduna

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

Hope everyone is enjoying some fine DX! As the Christmas season approaches I know there must be a few people out there who will receive new rigs, I hope this means some more good loggings!!! This month I would like to welcome to SPEEDX, three new sources (for this column at least) of info on African DX.... the first is "The South African Shortwave Listener" the publication of the South African DX club, second is Richard Ginbey's African DX report, which can be heard over Radio Nederland's DX Jukebox. Listen to the next broadcast for which week it will be featured, as I have been informed it will be moved shortly. And last but not least "Sweden Calling DX'ers" bulletins are also now being received by your editor, in the hope that I can give you the most and the best information on African DX.....Thanks to all 70 reporters this month and once again Merry Christmas and Happy New Year to all!!! Lots of loggings this month, so sorry if yours is cut....times/dates are GMT....frequencies are in kilohertz.....

ALGERIA

- 9610 2003 Radio Algiers: EE nx, disco mx ID as "The int'l service of Radio Algiers" (343 10/21 Johnson-MN)(10/8 0205 AA McLean-NY)(10/16 2010 Zavatsky-CT)(10/8 2000 Dilk NJ)(10/9 1957 EE //11810 Famularo-NJ)(10/7 2023 Cunningham-OH)(10/16 *2000 Coleman-MA)(10/25 *2000 Audette-MA)
- 11810 2010 Radio Algiers: Regional nx, EE pgms 2030* (433 10/25 Audette)(10/17 2018 Calver-United Kingdom)
- 15367v 0140 Radio Algiers: AA mx, anns (343 10/15 Alexander-PA)(10/18 0300 AA Holland-NY)

ANGOLA

- 7245 0416 Radio Nacional: PP/vern political tlks (444 10/26 Faccioli-URUGUAY)

ASCENSION ISLAND

- 11820 2030 BBC-Atlantic Relay: EE nx pgm, report on Iran (433 10/25 Audette-MA)(Curtis-TN)(10/26 *2145 PP Thompson-CA)
- 15260 0120 BBC: World Service play on Outer Space(555 10/21 Curtis-TN)(10/8 0210 EE tlks on Iran Gaede-CA)
- 15400 1807 BBC: EE world nx (454 10/11 Mosier-CA)(10/22 1030 EE Zilmer)

BENIN

- 4870 2200 ORTB: vern/FF pgms, mx, ID's (433 10/5 Cunningham-OH)(Earhart-PA)(10/27 2030 FF Zavatsky-CT)(Dilk-NJ)

CAMEROON

- 4750 2200 Radio Bertoua: Relay of FF nx from Yaounde by OM, then EE nx, football scores 2206 local FF ID, 2208* (353 11/4 Vranes)(352 10/23 2150 FF/EE Cucura-PA)
- 4850 2155 Radio Yaounde: FF/EE nx broadcast (344 10/25 Audette-MA) (Zavatsky-CT)(Durnavich-IL)(Alexander-PA)
- 4972 2205 Radio Yaounde: FF tlks, 2207* (322 10/31 Kowalski-WI)
- 5010 0500 Radio Garoua: EE nx at 0508 (444 11/4 Johnson-MN)(0530 FF witte-CA)(10/27 0435 FF Dobbins-MD)

CANARY ISLANDS

- 11815 *2045 SFR-Tenerife Relay: SS s/on, ID, nx,mx (10/14 Holland-NY)
- 15365 2118 SFR-TR: SS ID from "las islas Canarias" (444 11/4 Durnavich-IL)(Uerlings-OR //11815)

BEST WISHES FOR THE NEW YEAR

EGYPT

9475 0200 Radio Cairo: EE pgm to NAM begins at 0330 also (555 10/18 Connell-CA)(Crosby-NJ)(Schroeder-WI)(Blaize-LA //12050) (10/7 0035 SS Stone-Ontario)
 11915 2330 Radio Cairo: w/General Arabic Service (444 9/24 Donly-SC)
 12050 0200 Radio Cairo: EE pgm (444 10/23 Zavatsky-CT)(10/22 1810 AA Dilk-NJ)(Blaize-LA)(Audette-MA)
 15375 2030 Radio Cairo: EE to WAF, 'Voice of Africa' pgm (333 11/4 Donly)
 17920 1256 Radio Cairo: EE id, AA Lang. lessons (322 10/9 Hodson-MN)

EQUATORIAL GUINEA

4926 2132* Radio Ecuatorial: SS ID's, anns, NA, s/off (343 11/6 Vranes)
 5005 0434 Radio Ecuatorial: non-stop afro mx, SS ID (222 10/23 Cucura)

GABON

3350 1832 RTVG-Franceville: FF tlks, strong CW QRM (141 9/29 Calver-UK)
 4777 2300 RTVG: FF ID, nx (343 10/27 Audette-MA)(2139 FF Yajko-PA) (Cunningham-OH)(Alexander-PA)(Beeman-OH)
 11755 1715 Africa #1: FF OM ID..test format..no// found f/out by 1730 (242 10/23 Lucas-CA)
 11910/ 0605 Africa #1: Heard on both of these freqs at same time but
 15200 11910 in SS, 15200 in FF (10/4 Donly-SC)
 11945 0525 Africa #1: FF/EE pgms (444 10/14 Witte-CA)
 15125 0603 Africa #1: EE w/listeners letters (222 10/12 Streiker-WA)
 15200 *1500 Africa #1: EE s/on, classical mx, ID's (444 10/27 Curtis-TN) (1545 ??? lang Durnavich-IL)(0523 FF/EE Cunningham-OH)(0730 ??? lang //11945 Cook-CA)(1845 FF Byron-NY) This seems like it will be one of there main freqs...wlo
 17755 2032 Africa #1: FF tlks, EZL mx (333 10/12 Streiker-WA)
 17820 1305 Africa #1: EE ID, address (333 10/12 Hodson-MN)
 21635 1625 Africa #1: EE ID, mx, request for reports (433 10/8 Dilk-NJ)
 21640 1505 Africa #1: Dutch/SS tx (343 10/11 Forbes-TX)

GHANA

3350 2212 GBC-Ejura: vern tlks //4915 2225* (222 10/23 Cucura-PA)
 3366 2340 GBC: EE rlg tlks, ID's, ute QRM (222 10/12 Zavatsky-CT)
 4915 2240 GBC: Vern songs, EE nx at 2245 (433 10/7 McLean-NY)(Reese-KS) (Zavatsky-CT)
 4979m 2206 GBC-Ejura: EE nx broadcast, mx (333 10/23 Yajko-PA)

GUINEA

4910 2215 R. Nationale: FF tlks, pop mx (343 11/6 Durnavich-IL)
 7125 0700 RN: Very long afro songs, FF tlks (333 10/26 Audette-MA)
 15310 1938 RN: FF tlks by OM/YL, very weak (242 9/29 Calver-UK)

IVORY COAST

11920 2113 RTVI: FF tlks, mx (432 10/15 Dilk-NJ)(Zavatsky)(Cook)(Streiker)

LIBERIA

3227 2217 ELWA: Vern tlks, afro mx, 2220* (233 10/28 Yajko-PA)
 4770 2200 ELWA: EE YL w/VOA nx (222 10/24 Audette-MA)(Yajko-PA)(0620 Reese-KS)(Durnavich-IL)
 7195 2230 VOA: EE w/"Jazz Hour" //26040 ARO QRM (333 10/27 Audette-MA)
 11830 0700 ELWA: EE Bible readings (433 10/13 Connell-CA)(Shockley-NV)
 11860 2037 ELWA: EE/vern rlg pgms, EE ID (333 10/16 Zavatsky-CT)
 11925 0530 VOA: EE "Breakfast Show" 0600 * (353 11/3 Mosier-CA)
 17870 2100 VOA: EE nx pgm (232 10/25 Audette-MA)(1658 Curtis-TN)
 21610 1848 VOA: EE African nx, and mx pgm (545 11/2 Forrester-Okinawa)

LIBYA

9500 2058 SPLAJBC: AA chants, 2100 ID (343 10/16 Zavatsky-CT)
 17930 2046 SPLAJBC: AA nx, 2050 ID (544 11/4 Donly-SC)(10/19 2130 Zilmer)

MADAGASCAR

11730 1830 Radio Nederland: EE "Happy Station" pgm //17605 (11/4 Zilmer)
 21480 1340 RN: Dutch ID at 1350, tlks, sports report (10/11 Forbes-TX)

MALI

5995 2235 Radio Nationale: FF nx, tlks (10/3 Donly)(2329 Zavatsky) (0717 Shockley-NV)

Merry
Christmas

MAURITANIA

4845 2245 RNM: AA YL tlks, chants, 2300 ID (323 10/24 Zavatsky)(9/30 1908 EE Calver-United Kingdom)

MOROCCO

7295 0650 VOA-Tangiers: EE "Breakfast Show" (343 10/11 Lucas-CA)
 11760 1855 VOA: EE "Country Music USA", nx (454 11/2 Forrester-OKI)
 15155 0045 RTVM: AA speech, chants (444 11/5 Duran-NJ)
 21735 0005 RTVM: AA chants/tlks(Ray-PA)(Curtis-TN)(Cook-CA)

NIGERIA

4990 2232 FRC-Lagos: EE rlg tlks (333 10/23 Yajko)(Zavatsky)(Ray)(Proom) (Brewer-TN)
 7255 0600 Voice of Nigeria: EE nx, cmnty (322 10/20 McKinney-PA)
 11900 0500 VON: Vern OM tlks, poor reception lately (323 10/16 Witte)
 15120 0630 VON: EE ID, TC's (232 10/26 Audette-MA)(Rosewarne-CA)

RWANDA

11965 *1515 Deutsche Welle: FF s/on, QRM de Peking/ute (523 10/26 Thompson)
 21600 1750 DW: EE mx show, address, Asian nx, ID (343 10/4 Forbes-TX)

SAO TOME e PRINCIPE

4807 2205 Radio Nacional: PP tlks, pop mx (Alexander-PA)(Yajko-PA)

SENEGAL

4890 2229 Rdiff. du Senegal: FF tlks, mx (323 10/23 Yajko-PA)(Audette)

SEYCHELLES

11860 1605 FEBA: EE "Back to the Bible" (332 10/19 Johnson-MN)
 15160 *1700 FEBA: u/lang tlks (423 11/3 Pettit-IA)(1743 AA Mosier-CA)
 15285 1745 FEBA: rapid AA tlk by OM 1759* (353 10/7 Donly)(Pettit-IA)
 15405 *0305 FEBA: long IS, Farsi s/on (343 10/14 Mosier)(Coleman-MA)

Sierra Leone

5979mt 0625 SLBC: Vern/EE tlks on UN, comms (232 10/29 Lucas-CA)

SOMALIA

9585 0750 Radio Mogadishu: AA mx, chants (10/14 Holland-NY)

SOUTH AFRICA

Once again not enough room for the SA loggings...new sked is out...our sked editor will probably publish this month...if not send a SASE to me for copy Freqs used this month for RSA/SABC xmsns are: 3250/4835/4880/4990/9585/9610 11900/11935/15155/15220/17780/21535/21555(?)/25790 among others.....

SWAZILAND

3300 0310 Trans World Radio:EE rlg programs (333 10/18 Crosby-NJ)
 11920 1924 TWR: FF tlks, devotional mx (343 10/8 Wallace-HI) nf??? wlo not listed in new sked here!!!

TANZANIA

4785t 0315 Radio Tanzania: Swahili tlks, afro mx, must list as tent. no ID heard, ute QRM (333 10/12 Zavatsky-CT)

TOGO

5047 2204 Rdiff. du Togolaise: FF OM w/nx (333 10/21 Audette-MA)(Oliver) (Alexander-PA)(Zavatsky-CT)(Shockley-NV)

TUNISIA

15225 2325 RTT: AA mx/tlk, Koran readings at 2345 (333 11/3 Maise-LA) //7225

UGANDA

15250 1845 Radio Uganda: Afro mx, YL EE ID, KO'd by VOA s/on at 1857 (333 10/27 Zavatsky-CT)
 15325 0315 Radio Uganda: mx, EE tlks on Ugandan economy, abrupt off at 0409 (343 11/10 Oliver-MA)(Audette-MA)(Lucas-CA)(Blaize-LA) (Rosewarne-CA)(Holland-NY)(Worrel-ND)

ZAIRE

15350 2125 La Voix du Zaire: FF tlks, ID, pop mx (444 11/4 Maise-LA)

ZAMBIA

7250 *0615 Radio Zambia:EE s/on, ID (322 10/21 Stone-NC)

AFRICAN DRUMBEAT

A very special (HI!!!) Christmas present for you all....a special full page edition of "Drumbeat" . The following material is from Richard Ginbey's African Report which comes direct from Radio Nederland. Richard's report is aired monthly.....ANGOLA- Radio Nacional de Angola is back on 3355 kHz 0400-0800 and 1500-2400. English at 1130 on 7245/9535 and 11955 kHz, now lasts between 15 and 20 minutes instead of the previous 30.....The Spanish language broadcast to Cubans in Angola, from a location somewhere in Southern Africa can now be heard from 1900-1950 on 7180 kHz. There are now two transmitters at this unknown site, the other operates on 4950 kHz.

EQUATORIAL GUINEA- Radio Ecuatorial, Bata, announces four shortwave freqs. at sign off which can be anywhere between 2100 and 2300. The freqs are 4926/5005, an unidentified 49 meterband freq and 11715. A new sign on time is also given as 0400....Radio Malabo on 6250 kHz can also be heard at 2100 until s/off between 2255-2300 in Spanish.

GABON- The frequencies so far observed from Moyabia are: 7125/7145/7160/7250/7290/9525/9695/11800/15135/15200/15265/15365/15385/15435/17730/17810/ and 21690. PIRATE RADIO- Radio Big Daddy, apparently South Africa's first hooby pirate, made a two day appearance in three parallel in-band frequencies 4770/5020 and 5950, from 1600-2000 playing MOR music.

LESOTHO; Radio Lesotho is once again inactive on the shortwave frequency of 4800 kHz. This is fast becoming an annual event at this time of the year. MOZAMBIQUE- Radio Mocambique is drifting on more channels...Maputo 4925 kHz is now on 4917 and Nampula had dropped from 4938 to 4931 kHz.....

TANZANIA; Radio Tanzania has dropped 15435 kHz in favor of 9685 for their external service broadcasts at 0330-0500 and 1530-1945....UGANDA; Radio Uganda's external service is more off than on these days. During the first few weeks of October 6030 kHz was noted at 1420 s/off and at 2100 relaying the home service from Kampala. In mid-month 9515 kHz was noted 1610-1800 with mainly continuous tapes of music, originating at the xmtr aite at Soroti....Zambia; After a further period of inactivity on shortwave, Radio Zambia has three transmitters back on the air, 6060 kHz for the Home Service, 6165 and 7250 kHz for the General Service, all operating 0355-2105, Fri/Sat to 2205.... Thanks go to Richard Ginbey and Radio Nederland for permission to use the preceding information.... The following items are from "Sweden Calling DX'ers" bulletin #1555 and 1556.....

SOUTH AFRICA: Radio Thohoyandou in the Venda Homelands plans a worldwide foreign service on shortwave (R. Ginbey)MAURITANIA: Nouakchott has an unlisted French newscast at 0700 On 4845 kHz (Jean Jacques-Bloch)....ETHIOPIA: English is heard from the voice of Revolutionary Ethiopia 1800-1845 on the old freq of 9615. (Ralf Kux)MADAGASCAR: Radio Madagascar has been heard with the "Zimbabwe People's Revolutionary Voice" program 1715-1800 on 6135 kHz. Programs with this title are also broadcast from Radio Zambia and Radio Nacional de Angola. Programs called "Revolutionary Voice of Zimbabwe" are broadcast by Radio Tanzania and the Revolutionary Voice of Ethiopia, while Radio Mocambique carries a program called "Voice of Zimbabwe". Radio Madagascar has been also carrying the "Radio Freedom" program of the African National Congress of South Africa 1800-1905 also on 6135 kHz.....

The following items are from the BBC Monitoring Service and as such cannot be used/reproduced without their permission.....LIBYA: The Overseas Broadcasting Service of the Socialist Libyan Arab Jamahiriya was observed on 9/30 broadcasting a program in English from 1000-1045 on 5960 kHz from Malta...the address for reports is P.O. Box 4677, Tripoli, Libya or P.O. Box 17, Hamrun, Malta.....MOZAMBIQUE: The "Voice of Zimbabwe" program broadcast through facilities provided by Radio Mozambique is now on 4855 and 3265 kHz from 1800-1830 on M/W/TR/ and Sundays in English and on other days from 1800-1910 in English and vernaculars.....LIBERIA: According to Radio ELWA: The Liberian Broadcasting Corporation (ELBC) announced that it would begin transmitting on 10/24 from its new 50 kW transmitter. An additional 10 kW transmitter is expected to be operational soon to boost ELBC transmissions. *MERRY XMAS + 73's Wagne*



That's all this month for loggings and information.....I would like to say a big "THANK YOU" to those who have supported this column in the last twelve months and hope that I may continue to hear from all of you in the next year.....Just a quick glance at the last year reveals a new International Service from Algeria and also the long awaited inauguration of the Gabon transmitters....It looks like the third world is finally catching up with the rest of the world.....73's and once again I wish you a very Merry Christmas and a Happy New Year!!!!

ASIA-OCEANIA

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DEADLINE: 12th of each month
FREQUENCIES IN KILOHERTZ
TIMES ARE IN GMT

0000=sign on 0000=sign off



ASIA

AFGHANISTAN

4775 1530 RA: EE ID, YL nx, orch. and local mx (232 11/2 Norcross-HI)
15075 1900 RA: EE ID, mx by YL on the Afghan revolution (222 10/27 Fisher-MA)(Kana-GA)
(Curtis-TN)(Alexander-PA)(Zavatsky-CT)

BAHAMA

11765 1835 RB: EE ID as "G.O.S. of RB", tlk, mx, also EE nx, 1915* (232 10/31 Norcross-HI)
15285 1227 RB: EE IS, abrupt 1230*, ID, nx, 1300* (343 10/30 Norcross-HI)

BURMA

4725 1120 BBS: Lang. w/ tlk, local mx, f/out @ 1128 (252 10/23 Cucura-PA)(Connell-GA)
5040 1535 BBS: EE mx until 1600* (332 10/10 Constantinides-S. AFRICA)

CHINA

4915 1345 Nanning: EE OM/YL w/ EE lessons--good quality EE for a HS (Uerlings-OR)
5040 0950 FFS 1: CC drums and flute mx (343 10/28 Witte-GA)
5170 1226 FFS 2: CC w/ OM tlk, mx (232 10/30 Shaffer-IN)
5240 1222 FFS 1: CC w/ chanting-type mx, // 5265, poor signal (222 10/30 Shaffer-IN)
5265 1400 FFS 1: CC OM w/ long tlk, excited YL tlk (555 10/20 Connell-GA)(Shaffer-IN)
5860 1503 R. Peking: CC OM/YL tlk (454 10/2 Smith-CHINA)
5880 1507 RP: CC OM/YL tlk, //5860 (454 10/2 Smith-CHINA)
6225 1436 RP: EE OM/YL in radio play, QRM (433 10/5 Smith-CHINA)
6840 1102 Wei Menggu: CC OM/YL w/ nx, CC mx (252 10/10 Cucura-PA)(Smith-CHINA)
7130 1010 RP: CC mx, YL tlk (333 10/29 Witte-GA)
7465 1015 RP: CC OM ancmt, CC mx (443 11/3 Witte-GA)
7516 1017 RP: CC YL w/ singing (444 11/3 Witte-GA)
7770 0830 RP: CC OM/YL tlk, CC mx (444 11/2 Witte-GA)
7850 1020 FFS 1: CC OM/YL w/ interview (434 11/3 Witte-GA)
9170 1622 RP: CC YL w/ story (454 9/22 Smith-CHINA)
9820a 1210 RP: EE w/ nx by OM, CC mx, echo (343 11/3 Ray-PA)(Hauser-TN)
11505 0645 RP: CC w/ mx, OM tlk (343 10/2 Witte-GA)
11515 0948 RP: CC nx (232 9/27 Scott-OK) More details please.....jwm
11845 1254 RP: CC OM/YL annrcs, mx pgm (434 9/19 Smith-CHINA)
15115 0003 RP: EE nx, // 17680, 17865 (232 10/17 Blaise-LA)(Audette-MA)(Moss-GA)(Davenport)
15125 0020 RP: EE w/ cnty by OM, CC mx (454 10/11 Ray-PA)
15270 0550 RP: CC YL w/ mx pgm, 0555*, RJ immediately on (333 9/26 Smith-CHINA)
15285 0403 RP: EE to NA, // 17680, ex-15300? (10/25 Hauser-TN)(Audette-MA)
15520 1215 RP: EE nx on CC problems, OM/YL tlk on France/CC (343 10/8 Forbes-TX)
15600 0220 RP: EE OM/YL w/ musical selections (333 10/22 Duran-NJ)
17680 0250 RP: EE w/ SS mx, YL w/ ID, s/off (333 10/21 Blaise-LA)(McKinney-PA)(Fallows-ONT)
(Harrington-CO)(Klasek-MO)(Munster-GA)
17855 0138 RP: EE tlk on rice growing, 0155* (422 10/12 Dilk-NJ)(Byron-NY)(Rudolph-AL)
(Zavatsky-CT)(Stone-ONT)(Duran-NJ)(Earhart-PA)(Cook-GA)



CYPRUS

6180 2020 BBC relay: EE "People and Politics", ID (232 10/27 Audette-MA)
9605 *2215 CBC: Greek guitar IS, OM tlk, Greek mx (222 10/28 Alexander-MA)
9740 *0900 BBC relay: EE w/ s/on, wld svc nx (333 10/25 Thompson-GA)
15420 0020 BBC relay: EE tlk on Kampuchea by OM, nx (444 10/12 Zavatsky-CT)
17885 0740 BBC relay: EE w/ African nx, interview w/ Senegal leader (453 10/6 Munster-GA)
21660 1500 BBC relay: EE OM w/ wld nx, ID, cnty (222 10/13 Zavatsky-CT)

HAVE A MERRY XMAS!

INDIA

4820t 1630 AIR Calcutta: EE tlk, mx (222 10/13 Norcross-HI)
 7280 1535 AIR: EE w/ YL tlk on CC invasion of India, cmty (333 10/21 Norcross-HI)
 11620 2230* AIR: EE w/ ID, sked, freqs. (333 10/17 Blaise-LA)(Streiker-WA)(Bratlie-MN)
 (Hodsdon-MN)(Cunningham-OH)(Dilk-NJ)(Smith-FL)(Zavatsky-CT)(YaJko-PA)(Norcross)+
 11735 2025 AIR: EE w/ nx, cmty abt. Begin, mx (433 10/24 Hesch-NY)
 11755 2015 AIR: EE "Persons, Places, and Things" until 2030, mx, ID @ 2045 (433 Newton-GA)
 11815 2300 AIR: EE OM w/ nx (454 9/27 Smith-CHINA)
 11830 0554 AIR Bombay: Lang. w/ long tlk, nx, Indian mx (333 10/9 Smith-HONG KONG)
 11850 1135 AIR: EE w/ nx, // 9705, 15250 (322 11/7 Zilmer-WI)
 15110 2220 AIR: EE w/ YL tlk on fasting, ID @ 2225, mx, freqs. (333 11/4 Audette-MA)
 15250 1135 AIR: EE w/ 5 minutes of EE nx, // 9705, 11850 (322 11/7 Zilmer-WI)
 15335 1415 AIR: EE OM/YL w/ request pgm, ID, sx (322 10/4 Forbes-TX)(Constantinides)++

INDONESIA

3539t 1345 Sampit?: Indo w/ oriental chanting mx (10/15 Uerlings-OR)
 4719 1259 RRI Ujung Pandang: Indo ID, ancats, RRI nx @ 1300 (312 11/8 Shockley-NV)(Witte)
 11790 1448 Voice of Indonesia: EE w/ Indo folk songs, YL ancr, wld nx, time pipe, lang @
 1500 (454 10/20 Worrel-ND)(Mosier-CA)(Ray-PA)(Zavatsky-CT)(Heyman-NY)(McLean-NY)
 15200 1300 VOI: FF ID, nx (333 10/7 Constantinides-S. AFRICA)

IRAN

9022 1945 VOIR: EE YL w/ nx, AA mx, ID's, UTE QRM (333 10/22 Audette-MA)(Kern-CA)(10/17
 Zavatsky-CT)(Stone-NC)(McLean-NY)(Stone-ONT)
 15084 1620 VOIR: Farsi w/ march mx, YL w/ ID @ 1630, nx (444 10/14 Zavatsky-CT)(Smith-CA)

IRAQ

9745 2225 R. Baghdad: EE w/ ME mx, YL w/ ID, request for reports, anthem (333 10/17
 Blaise-LA)(Uerlings-OR)(Reese-KS)(Heyman-NY)(Hesch-NY)
 11925 0347 RB: EE "Press Newsreel" pgm, ID @ 0352, 0354* w/ sked & anthem (333 10/27
 Donly-SC)(Klasek-MO)

ISRAEL

9009 2214 IBA: Hebrew w/ OM tlk, mx, cmtly (333 10/13 Smith-FL)
 9425 2005 IBA: EE tlk on Israeli occupied lands, "This Week" (333 10/27 Audette-MA)(YaJko)
 9815 2240 IBA: EE "Spectrum" pgm, interviews, // 17815, 11655 (444 10/22 Zavatsky-CT)
 (Thompson-NM)(Sershon-IL)(Willis-PA)
 11655 2230 IBA: EE nx, "Studio 3" w/ the Israel Philharmonic, // 9815, 15300, 17685, 17815
 (454 10/11 Fraser-MA)(Hodsdon-MN)(Rudolph-AL)(Reese-KS)(Stone-ONT)(Smith-CA)++
 11985 2230 IBA: EE w/ "C.A.L." and "DX Corner" (444 10/19 Rudolph-AL)(Audette-MA)(Olson)
 15105 2235 IBA: EE w/ YL nx, ID, "C.A.L.", tlk, // 15300 (322 11/4 Audette-MA)
 15300 2245 IBA: EE tlk on Israeli Parliament (544 10/24 Audette-MA)(Hesch-NY)(Sanderson-AZ)
 15485 *0500 IBA: EE nx on settlements in Arab land (454 10/23 Smith-CA)
 17560 1200 IBA: EE w/ nx, cmt, ads, wx, replaces 17565 (342 10/27 Zilmer-WI)
 17645 2000 IBA: EE nx, sx, "Forum" (533 10/10 Dilk-NJ)(McKinney-PA)
 25640 1430 IBA: Lang. w/ "Shalom" from Israel, Israeli nx (322 10/8 Forbes-TX)
 29705 1350 IBA: XX noted here putting a nice signal in with tone, // 25640 (10/27 Hauser)
 (Zilmer-WI) This is not, I repeat not, a harmonic. According to Bob Zilmer, this
 is the only freq. not jammed.....jwm

JAPAN

3910 1552 FEN: EE w/ pop mx, military service ads (444 9/22 Smith-CHINA)
 3945 0930 NSB: JJ OM w/ classical mx pgm (444 11/3 Witte-CA)
 6055 1611 NSB: EE OM/YL small tlk, pop mx, ads (444 9/22 Smith-CHINA)
 9505 1028 RJ: EE/JJ w/ ID, times/freqs., nx, cmty (323 10/13 Smith-FL)(Zavatsky-CT)
 9585 1200 RJ: EE w/ nx, // 9505 (322 11/5 Zilmer-WI)
 11750 1450 FEN: EE OM w/ R&R records (333 10/5 Smith-CHINA)
 11780 0547 RJ: JJ w/ nx from Japan (444 9/20 Smith-CHINA)
 11815 *1200 RJ: EE OM w/ nx on CC delegations in Moscow (454 9/19 Smith-CHINA)
 11855 1855 RJ: EE mx, AA chants to Europe (444 10/9 Streiker-WA)(Zavatsky-CT)
 15235 0130 RJ: EE nx, // 21640, 17825, 17725 (222 11/4 Zilmer-WI)
 15270 0220 RJ: EE w/ nx by OM, ID, // 17725, 17825, 21640 (333 10/28 Alexander-PA)(Smith)+
 17725 0210 RJ: EE w/ OM tlk on Market crash of '29, ID (343 10/26 Audette-MA)(YaJko-PA)
 17755 0100 RJ: EE IS, ID, nx, GS to NAM (232 10/11 Alexander-PA)(Smith-FL)(Moss-CA)+++
 17825 0040 RJ: EE ID, OM w/ Asian nx, 0045* (333 10/7 Hodsdon-MN)(Blaise-LA)(Cucura-PA)+
 17880 0315 RJ: EE w/ "Current Topics", ID, into JJ (333 11/4 Shockley-NV)(Audette-MA)
 21640 0130 RJ: EE nx and tlk abt. a wx satellite (444 10/17 Bratlie-MN)(Hodsdon-MN)(555
 Worrel-ND)(Dilk-NJ)(Audette-MA)(Zavatsky-CT)(YaJko-PA)(Stone-ONT)(Fallows-ONT)

JORDAN

9560t 1545 R. Jordan: Lang. w/ Disco mx, heard FF YL in background (232 7/10 Calver-ENG)

KAMPUCHEA

9695t 1200 VOKP: EE/?? YL/OM w/ Asian nx, ments of Kampuchean People w/ Communist line, same ancmts on 11940, lang. @ 1215 (422 10/26 Forbes-TX)(Forrester-OKI)
 11938 2358 VOKP: EE w/ carrier, s/on by YL: "This is the VOKP from Phnon Penh", nx by YL until signal was torn apart by jamming tx which came on suddenly @ 0005 on 11937kHz (331 10/28 Donly-SC) Excellent Bob.....jwm

DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA

9420 1323 RP: SS w/ cmt, ID @ 1325, KK mx (333 10/13 Zavatsky-CT)
 9977 1325 RP: EE YL w/ usual line, OM tlk @ 1330 on S. Korean Idealism, ID by YL @ 1335 (333 10/29 Forbes-TX)(Hodsdon-MN)(Cunningham-OH)(Earhart-PA)(Cook-GA)(Dilk-NJ)(Crosby-NJ)(Heyman-NY)(Catey-IL)
 11780 0804 RP: EE OM w/ sked details, YL w/ nx (322 10/26 Reese-KS)(Witte-GA)(Smith-CHINA)

REPUBLIC OF KOREA

2745t 1335 KBS Sinuiju: KK OM w/ long tlk (10/2 Uerlings-OR)
 5975 1010 RK: EE OM w/ nx of Korea (444 10/13 Smith-JAPAN)
 7550 1245 RK: EE nx, cmt on assassination of S. Korean President, // 12090, 15570 (332 10/27 Zilmer-WI)(Lucas-GA)
 9525 1002 RK: EE OM w/ nx, ID's, editorial (343 10/24 Audette-MA)(Stone-ONT)
 9720 1620 RK: EE YL w/ ID, history of KK/CC relations, mx, freqs./times (543 10/19 Schroeder-WI)(Harrington-CO)(Thompson-NM)
 11725 1020 RK: EE YL w/ feature on KK cultural events (444 10/14 Coomler-GA)
 11830 1602 RK: EE OM w/ nx, ID @ 1604 (222 10/20 Stone-NC)(Dilk-NJ)(Zavatsky-CT)(Thompson)+
 12090 1318 RK: EE ID, YL w/ KK pop mx, "News Magazine", cmt (333 10/21 Hodsdon-MN)(222 Fisher-MA)(Forbes-TX)(Streiker-WA)
 14572m 2300 RK: EE w/ nx broadcast, editorial, mx of KK (333 10/7 Dunn-GA) nf?.....jwm
 15350 *0230 RK: EE w/ lots of hymns (343 10/27 Norcross-HI)
 15385 2300 RK: EE nx, editorial, traditional mx (322 10/18 Zilmer-WI)
 15570 2315 RK: EE mx, ID, QTH, freqs./times, request for reports (343 10/25 Forbes-TX)(Hodsdon-MN)(Zilmer-WI)(Calver-ENG)(Constantinides-S, AFRICA)(Audette-MA)+++

KUWAIT

15345t 1935 RK: EE w/ R&R mx, ID, nx by YL, freq. anncd (443 10/5 Miller-GA)
 21545 0459 RK: EE YL w/ ID & freqs., review of daily pgr, lite mx (353 10/20 Collins-OR)(Cook-GA)(Coomler-GA)
 21685 1505 RK: AA w/ OM tlk, nx (343 9/26 Smith-CHINA)(Thompson-NM)

LEBANON

6550 1640 Voice of Lebanon: EE w/ lots of ME nx, ments of Iran/Kuwait (252 Calver-ENG)
 15440 0242 RL: EE OM w/ nx, rock mx, tlk, co-channel QRM de TWR (322 10/27 Audette-MA)

MALAYSIA (Peninsular)

9665 1625 RM Kuala Lumpur: ??/EE w/ Johann Strauss mx, mx, ID (333 10/23 Witte-GA)
 9740 1450 BBC relay: EE w/ assorted mx by George Gershwin (333 10/9 Gaede-GA)(Lucas-GA)
 15380 0045 BBC relay: EE w/ drama show (252 10/17 Holland-NY)

Sarawak

4895 1358 RMS Kuching: Malay w/ EZL mx, time pips, ID, nx (333 10/30 Lattemann-WA)
 4950 1440 RMS Kuching: EE w/ local mx, ID (333 11/3 Shockley-NV)(Mosler-GA)(Thompson-NM)
 7145 1300 RMS Kuching: Bahasa Malay? w/ tlk, "Bahasa..." @ 1330 (232 10/14 Norcross-HI)

MONGOLIA

7262 0956 R. Ulan Bator: Mongolian HS w/ OM/YL tlk, // 11855 (353 9/28 Smith-CHINA)
 11855 0953 RUB: Mongolian HS w/ nx by OM/YL (252 9/28 Smith-CHINA)
 12070 *1220 RUB: EE w/ tones, IS, ID by OM, intro by YL, nx, OM tlk (poor w/ muffled audio 11/6-7 Lobdell-MA)(Vranes-PA)

NEPAL

3425 1452 R. Nepal: EE/?? w/ YL nx, ID @ 1458, cmt, local mx (222 11/2 Norcross-HI)

PAKISTAN

7135 1700 PBC Karachi: EE w/ OM nx, mx @ 1715, // 5060 (332 11/3 Norcross-HI)
 15470 1700 RP: EE OM/YL w/ nx, cmt (10/6 Uerlings-OR)(Dobbins-MD)(Norcross-HI)(Curtis-TN)
 17630 0230 RP: EE nx to 0245, // 21590 (333 10/28 Zilmer-WI)
 21590 0230 RP: EE OM w/ ID @ 0230, slo-speed nx (433 10/22 Streiker-WA)(Bratlie-MN)+++
 21605 *1630 RP: Turkish tlk and local mx to 1730, EE nx was from 1650-1655 (343 Zilmer-WI)
 21755 1605 RP: EE w/ slo-speed nx by OM, ID, off @ 1615 (232 10/26 Audette-MA)(Forbes-TX)++

PHILIPPINES

9578 1018 R. Pilipinas: EE w/ tlk abt. the Philippines, marimba mx, ID (10/26 Walcutt-TX)(Miller-GA)

PHILIPPINES (continued)

9590 1530 RVA: EE ID, freqs., sked, s/off (443 10/19 Worrel-ND)
 11765 0953 FEBC: EE w/ sermon by OM, ID by YL (454 10/5 Smith-CHINA)
 11835 0526 VOA relay: EE editorial on currency, QRM (433 10/23 Smith-GA)
 11955 1305 RVA: EE w/ nx by YL, oriental mx, CW QRM (333 10/13 Zavatsky-CT)
 15215 1430 RVA: EE w/ Gospel pgm (223 10/7 Constantines-S. AFRICA)(Miller-GA)
 15290 0036 VOA relay: EE "Breakfast Show", mx by Julie Andrews (343 9/22 Smith-CHINA)
 15440 1545 FEBC: EE "Hour of Freedom" pgm (444 10/20 Bratlie-MN)(Smith-CHINA)
 17740 0050 VOA relay: EE "Breakfast Show", 0100*, // 15290 (444 10/26 Audette-MA)(Mosier)
 17810t 0030 FEBC: EE OM w/ rel. pgm, mx, no ID hrd, QRM de WYFR (222 10/13 Zavatsky-CT)++

SAUDI ARABIA

11685 2032 BSKSA: AA chanting, OM tlk @ 2035 (333 10/11 Lattemann-WA)
 11855 2000 BSKSA: EE nx, country western mx (232 11/3 Durnavich-IL)
 15060 0330 BSKSA: AA mx, ancmts (555 11/1 Brewer-TN)(Forbes-TX)(Zavatsky-CT)(Thompson-NM)++
 15370 0309 BSKSA: AA w/ long chanting (243 10/14 Mosier-CA)
 21550 1340 BSKSA: Indo w/ YL/OM nx (433 9/26 Smith-CHINA)
 21590 1405 Ridyadh HS: AA w/ mx, clear reception (444 9/26 Smith-CHINA)
 21640 1412 Ridyadh HS: AA w/ OM tlk (333 9/26 Smith-CHINA)

SINGAPORE

5052 1300 R. Singapore: EE w/ classical mx, ancmts, time pips, ID, nx (323 11/8 Shockley)
 (Constantines-S. AFRICA)
 6195 1351 BBC relay: EE story abt. an engineer (454 10/5 Smith-CHINA)
 9740 1115 BBC relay: EE "News About Britain", Big Ben chimes, ID, cmty (233 10/7
 Cunningham-OH)(Audette-MA)
 11955 0410 BBC relay: EE w/ wld nx by OM annrc, ID (433 10/27 Zavatsky-CT)

SRI LANKA

9720 1230 SLBC: EE w/ rel. pgm, offer for correspondence course (343 10/20 Johnson-MN)
 (Forbes-TX)(Smith-CHINA)(McLean-NY)
 11800 1415 SLBC: Lang. w/ Hindi type mx, ID (534 10/15 Miller-CA)
 15425 0115 SLBC: EE w/ Birthday greetings, mx (422 10/11 Bratlie-MN)(Audette-MA)(Ray-PA)
 (Donly-SC)(YaJko-PA)
 17850 1845 SLBC: EE w/ pop mx, request pgm, ID @ 1858, RHC QRM (333 10/5 Streiker-WA)

TAIWAN

5980 1114 Voice of Asia: EE "Let's Learn Chinese", mx, nx, QTH as V. of Asia, P.O. Box
 880, Kaohsiung, Taiwan (545 10/27 Forrester-OKI)
 11745 1335 VOF: CC OM/YL annrcs w/ CC pgm, ments Taiwan, CW QRM (333 10/28 Zavatsky-CT)
 (Gaede-CA)(Miller-GA)
 15125 2300 VOF: SS IS, s/on w/ NA, ancmts, ID, CC mx (333 11/4 Shockley-NV)(Miller-CA)
 15345 0315 VOF: EE mx, wld nx, "Economics in China" (333 10/29 Cunningham-CA)
 17770 0540 VOF: AA w/ OM tlk, ID in EE @ 0542 (433 9/20 Smith-CHINA)

TURKEY

9515 2253 VOT: EE mx, ID by OM, freqs., nx, 2258* (212 9/17 Beeman-OH)(Crosby-NJ)(Serahon)
 (YaJko-PA)(Davenport-TN)(Blaise-LA)(Fraser-MA)(Earhart-PA)
 11955 2240 VOT: EE w/ Turkish pop mx, OM annrc, ID as "The Sunshine Station", mx, nx
 (433 10/25 Lattemann-WA)(Shridharani-NY)(Miller-CA)(Olson-CA)(Shockley-NV)+++

UNION OF SOVIET SOCIALIST REPUBLICS

7210 0600 Radiostantsiya Tikhy Okean: RR w/ R&R mx, ID @ 0602 (555 10/31 Collins-OR)
 9490 0120 RM/Nikolayev: EE "Younger Generation" w/ tlk on actors (555 10/26 Zavatsky-CT)
 9530 0127 RM/Simferopol: EE OM/YL ancmts, tlk on defense plans, ID (444 Zavatsky-CT)
 9710 0536 RM/Petrovavlovsk: EE OM w/ wx (444 10/23 Smith-GA)
 11960 1845 RM/Kenga: EE nx, cmty, to Australia/New Zealand (233 10/13 Trommel-IL)
 12050 *2300 RM/Khabarovsk: EE w/ OM tlk, Soviet propositions (454 10/5 Smith-CHINA)
 15140 0522 RM/Petrovavlovsk: EE w/ Soviet nx (422 10/22 Smith-CA)
 15470 1615 RM/?: EE sked by YL, OM ID, nx, mx pgm (343 10/26 Zavatsky-CT)
 17760 0353 RM/Khabarovsk: EE OM/YL w/ lesson, interview (434 9/20 Smith-CHINA)
 17870 *0351 RM/Khabarovsk: EE pgm on Armenian composer, announced as from Yerevan, Armenia
 but Roger Legge says it is via Khabarovsk for WNA coverage (242 Munster-GA)
 17890 0523 RM/Chita: RR YL w/ mx pgm (454 9/20 Smith-CHINA)
 21565 0035 RM/Petrovavlovsk: EE pgm on Latvian churches, mx, ID, IS @ 0100 for RMWS
 (353 10/9 Munster-GA)

Azerbaijan S. S. R.

11805 0205 R. Baku: SS w/ OM cmty on SAM, many ID's (333 10/13 Hensley-TX)
 17825 0515 RMWS/Frunze: EE cmty on armaments in Europe, Brezhnev proposal, "News and
 Views", "News in Brief", disco mx, // 17880, 17835 (fair 10/11 Munster-GA)

MERRY CHRISTMAS! MERRY CHRISTMAS! MERRY CHRISTMAS! MERRY CHRISTMAS! MERRY CHRISTMAS!

GUAM

17705 2259 KTWR: Mandarin IS, ID @ 2300, "The Workshop" (353 10/28 Donly-SC)

NEW CALEDONIA

7170 0844 R. Noumea: FF w/ island mx, ID by YL, mx pgm (444 10/25 Thompson-CA)(354 Brewer-TN)(Streiker-WA)(McLean-NY)

NEW ZEALAND

6105 0713 RNZ: EE ancmts, instr. mx (fair 11/3 Shockley-NV)
17860 0400 RNZ: EE nx, local wx, classical mx (444 10/21 Mellinger-NJ)(Johnson-MN)(Witte)+

PAPUA NEW GUINEA

3220 1000 R. Morobe: Pid ancmts by OM/YL, mx (243 9/27 Scott-OK)
3322t 1150 R. North Solomons: Pid? w/ mx, country mx, clear (343 10/9 Forbes-TX)
3385 1140 R. East New Britain: Pid w/ CAM mx, tlk by OM, anthem?, ID by OM (322 10/29 Gunningham-OM)
4890 0805 NBC Port Moresby: EE OM w/ local nx of PNG (343 10/30 Mosier-CA)(Duran-NJ)(Hensley-TX)(Dilk-NJ)(Reese-KS)(Witte-CA)(Lattemann-WA)(Zavatsky-CT)(Dobbins-MD)+

SOCIETY ISLANDS

6135 0556 R. Tahiti: Tahitian/FF w/ EZL mx, OM tlk (343 10/7 Mosier-CA)
9748 0838 R. Tahiti: Tahitian/FF w/ EE rock mx, Marseillaise @ 0859, London Bow Bells s/on (11/4 Walcutt-TX)
11825 0550 R. Tahiti: Tahitian island mx, cmty, more mx, // 15170 (444 Coleman-MA)(343 Streiker-WA)(Mosier-CA)(Smith-CA)
15170 0505 R. Tahiti: Tahitian w/ Polynesian songs (322 10/22 Smith-CA)(Gaede-CA)(Lucas-CA)+

SOLOMON ISLANDS

5020 1130 SIBC: Pid/EE mx, ID @ 1249, nx in Pid @ 1200 by OM/YL (222 10/8 McLean-NY)

BBCMS copyrighted

DATELINE

BBCMS copyrighted

Argentina/Antarctica-In a report from Brown Base in the Argentine Antarctic, Radio Nacional (Buenos Aires) stated on 5th October that LRA36 Radio Nacional Arcangel San Gabriel had begun test transmissions there on 6030 kHz.....

Bangladesh-Radio Bangladesh reported on 7th October that the Information and Broadcasting Minister had announced that a 100 kW transmitter was being set up in the northern zone for the use of Radio Bangladesh's Rajshahi station.....

Cyprus-The external service transmissions in Greek from the Cyprus Broadcasting Corporation, on the air from 2215-2230 on Fridays, Saturdays and Sundays only, are currently broadcast on 9605 and 7230 kHz. The programmes are relayed through facilities provided by the BBC at its East Mediterranean relay station.....

Iran-The following external service transmissions have been confirmed from the Voice of the Islamic Republic of Iran: AA from 0530-0830 (15315, 1116, 612, 576 kHz) and from 1730-2130 (7230, 1116, 1080 kHz); RR from 1530-1615 on 9765 kHz; and, Kurdish from 1730-2030 on 557 kHz.

The external service programmes in Pushtu and Urdu on 11735 kHz have been broadcast since 30th September from 1415-1515 and 1315-1415 respectively.....

Sri Lanka-The Yugoslav news agency Tanjug reported in a pool item from Colombo on 29th September that the Sri Lanka Broadcasting Corporation (SLBC) would soon have a fourth domestic programme. According to SLBC's chairman the new service would broadcast serious cultural programmes and would be similar to the BBC's Radio 3.....

Vietnam-The domestic services of the regional centers of Vietnam broadcast as follows: Bac Thai from 0330-0530, 1030-1100, 1130-1330 on 6910-6915 (variable); Cao Bang from 0200-0330, 1330-1430 on 6910-6915; Ha Tuyen from 2330-0100, 1000-1400 on 4822; Hoang Lien Son from 0001-0030, 0330-0530, 0900-1015, 1200-1350 on 5604; Lai Chau from 1130-1330, 2230-2300 on 6006 and 4674; Lang Son from 1130-1230 on 5950; Son La from 0300-0500, 1030-1100, 1130-1230, 1300-1400 on 6330 and 4770; and, Thanh Hoa from 1030-1100, 2130-2200 on 4884.....

"First August Radio"-This radio station, which broadcasts material hostile to the Chinese Vice Premier, was observed again on 12120 kHz on 15th October. Commentaries in Chinese were heard from 1230-1232 and 1258-1302. "First August Radio" was observed also on 16th October with four-minute transmissions at 1430 and 1504.....

That's it for this month. A Merry Christmas and a Happy New Year is extended to all!

FB's
AIM
31

WORLD SERVICE STATION SKEDS

EMISSIONS

PROGRAMMI

Editor:

TRASMISSIONI

BULLETIN DE PROGRAMMES

CHRIS LOBDELL

P.O. Box 146

PROGRAMS

ENGLISH SERVICE

Stoneham, MA 02180

SERVIZIO

PROGRAMME SCHEDULE

Deadline: 12th

COMUNICATI NEL CORSO

All schedules, unless otherwise indicated, are for English programs, and all times are in G.M.T. Lots of information this month. Let's get going.

AUSTRIA The ORF in Vienna sked valid till March 2, 1980

1230 - 1300 17860 ECNA

0130 - 0200 5945, 9770 ECNA

0330 - 0400 5945, 9770 ECNA

0430 - 0500 15260 WCNA

SUNDAY ONLY 2305 - 2320 5945 and 9770 with Austrian Shortwave

Panorama px.

(Ossege, McWherter, Munster, Smith, Zilmer)

FRANCE R. France International's Paris Calling Africa px, directed to Africa. Valid thru March 1st.

1700 - 1800 15300, 17710,

21675 to West Africa

" " 17850, 21580 to

" " Central & South Africa

" " 17795, 17860, 21620

" " to Ea. Africa, Indian Oc.

" " 11845, 15300, 15360 to

" " North Africa.

(Ossege)

BULGARIA R. Sofia, valid from Oct. 23, 1979

0000 - 0100 9705 ECNA

0430 - 0500 9765 WCNA

(Ossege, Fraser, Smith)

BRAZIL R. Nacional "Radiobras" current off air sked.

0300 - 0400 15290 NA

(Hook, Smith, Thurman, Trummel)

CANADA RCI sked valid till March 2nd

2300 - 0100 5960, 11710 (Mon.-Fri.)

0100 - 0130 5960, 11830

0200 - 0230 5960, 11845

0300 - 0330 5960, 11845, 9535, 11770

0400 - 0430 5960, 11845, 11770

(Beeman, Buhagiar, Dalrymple, Eramo, McWherter, Smith)

CHINA R. Peking, sked dated as valid from August 20th.

0000 - 0300 15115, 17680, 17855 ECNA

0300 - 0500 11685, 12055, 15300,

17680 WCNA

1200 - 1300 15520 ECNA

(Byron, Newton, Smith)

CZECHOSLOVAKIA R. Prague, undated sked.

0100 - 0157 5930, 7345, 9540, 9630.

0300 - 0357 11990 (All freqs used dur-

both time slots.)

(Fournier, Trummel)

EGYPT R. Cairo, undated sked.

0200 - 0330 9475, 12050 NA

(Smith)

FINLAND R. Finland, sked valid until March 1st.

0330 - 0400 9645 (changed from 9575)

1300 - 1330 15400

1330 - 1430 15400 SUNDAY ONLY

1430 - 1500 15400, 21475

(Hesch, McWherter)

GERMANY R. Deutsche Welle, current valid till March 2nd.

0130 - 0150 6040, 6085, 6100, 6145,

9545, 9565, 9605,

11865 to ECNA

0530 - 0550 5960, 6100, 6185, 9545,

11705 to WCNA

(Beeman, Boehm, Carrier, Munster)

GREAT BRITAIN BBC World Service to the Americas, valid till 1st March.

0030 - 0330 11750 via Greenville

0445 - 0915 9510 Antigua

0900 - 0915 6195 Antigua

1100 - 1330 6195 Antigua

" " 9510 Sackville

" " 11775 Antigua

" " 15215 UK

" " 21550 UK

1330 - 1615 11750 Singapore

1330 - 1745 15070 UK

1500 - 1600 15260 Sat/Sun Sackville

1600 - 1715 15260 Sackville

1715 - 1745 15260 Sat/Sun Sackville

1430 - 1615 15400 UK

1500 - 1600 17830 Sat/Sun Sackville

1600 - 1715 17830 Sackville

1715 - 1745 17830 Sat/Sun Sackville

1200 - 1745 21710 UK

2000 - 0730 6175 Antigua

2000 - 0330 9510 UK

2000 - 0030 11750 UK

2000 - 0230 15260 Ascension Is.

2000 - 2115 17840 Antigua

2200 - 0630 5975 UK

2200 - 0330 6120 Sackville

2200 - 0030 9590 Sackville

2300 - 0330 7325 UK

2300 - 0230 11910 UK

SAT/SUN - Means on those days only

(Zilmer)

GREECE ERT-Athens, sked valid until March 2, 1979
 0015 - 0030 9515, 9655, 11730 NA
 0215 - 0230 9515, 9650, 11730 NA
 1215 - 1230 15125, 17710, 11730 NA
 1515 - 1530 11730 (not Tuesday)
 " " 17710 (not Tuesday),
 " " 15125
 (Hesch, Forsman)

HAITI R. Station 4VEH, Cap Haitien valid for the rest of 79.
 1100 - 1400 3345, 9770, 11835
 2300 - 0000 " " "
SATURDAY
 1100 - 1300 " " "
 2300 - 0000 " " "
SUNDAY
 1100 - 1400 " " "
 1700 - 1945 " " "
 2300 - 0000 " " "
 (Oakley, Smith)

HOLLAND R. Nederland, effective Nov. 4th.
MONDAY THRU SATURDAY (Local date)
 0230 - 0325 6165, 9590 ECNA
 0530 - 0625 9715, 6165 WCNA
SUNDAY
 Happy Station program with Tom Meyer on same sked as weekday transmission. All broadcasts to NA via Bonaire relay.
 (Compton, Oakley, Smith, Zilmer)

ITALY RAI-Rome, to North America; valid until the last day of February.
 0100 - 0120 9575, 11800
 (Eramo, Munster, Trummel, Somers)

INDONESIA Voice Of Indonesia, current operating schedule.
 0100 - 0155 11790, 15200
 0800 - 0855 " " "
 1400 - 1455 " " "
 (Heyman)

JAPAN R. Japan in Tokyo. Valid until March.
 2345 - 0045 15270, 17825 ECNA
 0130 - 0230 15235, 17725, 17825, 21640 WCNA, Hawaii & Latin America

GENERAL SERVICE
 0000 - 0030 17755 1200 - 1230 9505
 0100 - 0130 " 1300 - 1330 "
 0200 - 0230 " 1400 - 1500 "
 0300 - 0330 " 1500 - 1530 "
 0400 - 0430 " 1600 - 1630 "
 0500 - 0530 15270 1700 - 1730 "
 0600 - 0630 " 1800 - 1830 "
 0700 - 0730 " 1900 - 1930 15270
 0800 - 0830 9505 2000 - 2030 "
 0900 - 0930 " 2100 - 2130 "
 1000 - 1100 " 2200 - 2230 17755
 1100 - 1130 " 2300 - 0000 "
 First half of each broadcast is in English, the second half in Japanese.
 (Zilmer)

MONGOLIA R. Ulan Bator's current undated sked.
 1220 - 1250 9575, 12070 (Ex. Sunday)
 1715 - 1745 8890, 15115, 17785 (Ex. Sunday)
 Noted by your editor on 12070 at 1220 GMT! (Buhagiar)

NORWAY R. Norway's current sked. valid until March 2, 1979.
 0100 - 0230 6005 EE 0200-0230
 9590 NA MONDAY GMT
 11870 WCNA
 0300 - 0430 6185 ECNA EE 0400-0430
 9550 WCNA MONDAY GMT
 9610 WCNA
 0500 - 0630 9645 WCNA EE 0600-0630
 MONDAY GMT
 1300 - 1430 17840 ECNA EE 1400-1430
 SUNDAY
 1500 - 1630 15175 WCNA EE 1600-1630
 SUNDAY
 1700 - 1830 11895 NA EE 1800-1830
 SUNDAY
 2100 - 2230 9590 ECNA EE 2200-2230
 11850 NA SUNDAY
 15175 NA
 2300 - 0030 6005 ECNA EE 0000-0030
 MONDAY GMT
 (Buhagiar) All programs in Norwegian except where EE indicated.

OMAN R. Oman, received recently with QSL by fellow editor Bob Donly.
 0200 - 0715 11890 Arabic
 0900 - 1100 " English
 1100 - 2015 " Arabic.
 (Donly)

PHILIPPINES FEBC-Manila, undated but hopefully current EE sked.
 0000 - 0100 11855, 17810, 21515
 0100 - 0445 15395, 17810, 21515
 0800 - 0945 11765
 1245 - 1530 15440
 2300 - 2345 11890, 15450, 21515
 2345 - 0000 11890, 17810, 21515
 FEBC does not beam to NA, but some of these can be heard here.
 (Heyman)

SOUTH AFRICA R. RSA, complete EE sked valid till March.
 0200 - 0250 11900, 15155 NA
 15220, 17780
 0300 - 0426 7270, 9585, Ea Af.
 11900, 15220, 17780
 0600 - 0700 17780, 21535, West
 25790 Africa
 1100 - 1156 15220, 21535 Africa,
 25790 Europe
 1300 - 1550 15220, 21535, Africa,
 (Not Sunday) 25790 Europe
 1300 - 1430 15220, 17780, Caprivi?
 (Sun. Only) 21535, 25790
 1500 - 1550 *15220, 21535, Afr, ME,
 (Sunday Only) 25790 Europe
 2100 - 2150 15155, 17780, We. Africa
 21535 Europe
 *15220 begins at 1452 GMT.
 (Schipelliti, Seymour)

SWEDEN R. Sweden's complete English

schedule of broadcasts, valid until
 0100 March 2, 1980.
 0030 - 0100 11905 North America
 0230 - 0300 9695 " "
 11705 " "
 1100 - 1130 9630 Europe
 21690 Australia/N.Z.
 1230 - 1300 15240 East Asia
 21690 Africa
 1400 - 1430 21615 North America
 21700 South Asia
 1600 - 1630 6065 Europe
 15240 South Asia, ME
 1830 - 1900 6065 Europe
 15240 Africa
 2100 - 2130 11845 "
 11955 Middle East
 2300 - 2330 9695 North America
 11705 " "

(Eramo, Rogers, Zilmer)

USA WDAB-Daytona Beach (pirate).

Here is a tentative sked. They only
 broadcast during the listing below,
 but don't always appear every day.
 Frequency is 6215 kHz.
 Dates are local (USA) dates, times are
 GMT.

SUNDAY 0600-0730, 0130-0300
 MONDAY 0130-0300
 TUESDAY " "
 WEDNESDAY 0600-0730, 0900-1030
 THURSDAY 0130-0300
 FRIDAY " " 0300-0430
 SATURDAY 0600-0730, 0900-1030,
 0300-0430.

Address for reception reports is
 via the Free Radio Campaign, RD #2,
 P.O. Box 542, Wescosville, PA 18106.
 (Durnavich)

USA As promised last month, here's
 WYFR's schedule for the Americas, valid
 till March 1980, of course.
 0100 - 0500 9715 (short and sweet!)
 (Klasek)

VATICAN STATE Vatican Radio's English
 schedule as listed in their November
 program schedule.

0100 - 0115 6015 North America
 9605 " "
 11845 " "
 1115 - 1130 17840 East Africa
 21485 " "
 1445 - 1500 6190 Europe
 7250 " "
 9645 " "
 11740 " "
 1200 - 1215 17840 Africa (Weekdays)
 17900 " "
 21485 " "
 1500 - 1515 11810 Australia/N.Z.
 15120 " "
 17825 " "
 (Weekdays)
 1700 - 1715 11830 East Africa
 15120 " "
 17900 " "

(continued)

VATICAN (continued)

2030 - 2045 6190 Central/West Eur.
 7250 " " "
 9645 " " "
 2045 - 2100 9625 Central/South Afr.
 11705 " " "
 15120 " " "
 2115 - 2130 9625 West Africa
 11705 " " "
 15120 " " "
 2210 - 2230 9615 Asia/Australia/NZ
 11830 " " "
 15120 " " "

(Trummel, Yajko)

URUGUAY Just in from our reporter in
 Montevideo is the current S.O.D.R.E.
 English schedule.

2145 - 2230 11885 All broadcasts
 2315 - 0000 11885 are
 0045 - 0130 9515 non-directional.
 0215 - 0300 9515
 (Faccioli)

YUGOSLAVIA R. Yugoslavia (formerly
 called R. Belgrade. Undated English
 schedule.

1530 - 1600 9620, 11735, 15240
 1830 - 1900 6100, 7240, 9620
 2000 - 2030 " " "
 2200 - 2215 " " "
 (Klasek)

LATE ARRIVAL

ECUADOR The latest HCJB schedule
 has just arrived, valid until March.
 NORTH AMERICAN SERVICE

1200 - 1430 11740, 15115, 17890
 1430 - 1600 15115, 17890 (at 1300)
 0035 - 0230 9745, 11910
 0230 - 0500 9745, 11910, 15115
 0500 - 0600 6095, 9745, 11910 &
 15115
 0600 - 0700 6095, 9745, 11910
 SOUTH PACIFIC SERVICE
 0600 - 0700 6130, 11900
 0700 - 1030 6130, 9745, 11900
 1030 - 1130 6130, 11900

EUROPEAN SERVICE
 0700 - 0830 9760, 11835
 1700 - 1800 17890, 21480
 1900 - 2000 15295, 17885, 21480
 2130 - 2200 " " "

(Direct & from R.I.B. #33, pg. 20,
 by Glenn Hauser, November 1979)

I would like to thank those who
 contributed this month. Don't
 forget to send in any late changes
 made as stations switch some
 frequencies to avoid QRM, etc.

Please bear with me as I learn to
 standardize the format. It would
 seem that I'm a little rusty, hi.

HAPPY HOLIDAYS TO ALL

73 Chris

Editor:

KEN COMPTON
7 Mount Vernon Street
Brighton, MA 02135

Deadline: 12th



All freqs in kilohertz QSLs

AUSTRALIA: VNG OTC Lyndhurst 12000 f/d foto cd 120d for IRC(Klasek-MO)
Melbourne skyline cd in 3 months for 1 IRC (Proom-ENGLAND)

BARBADOS: SPO C&W 12709 f/d cd in 85d for 2 IRGs (Proom-ENGLAND)

BELGIUM: OST RTT Ostend R. 12781 f/d cd in 3m for IRC (Proom-ENGLAND)

CANADA: CHU Ottawa 3330 31r Sanford Fleming cd in 1m no rp (Stone-NC)
Saskatchewan Telecom, Northern R/T Svc, Prince Albert 5814 ltr, pc's,
& brochures in 35d for IRC (Chabak-AZ) ADDRESS: Saskatchewan Telecom-
communications Manager, Operator Services 47-12th Street East Prince
Albert, Saskatchewan Canada S6V 1B4

Operating frequencies are:

Channel 1 - 4571 khz Channel 2 - 2672 Channel 3 - 5814 khz
Channel 4 - 5015.5 khz Channel 5 - 7479 khz Channel 6 - 9212 khz

CHU N.R.C. Ottawa 7335 date&freq only cd in 24d air, no rp(Proom-ENG)

Frobisher Aeradio 8910 PFC + handwritten QSL ltr f/d, map of HF seradio
net & list of airline callsigns in 18d for ms (Chinsky-NY)

CYPRUS: 5BA62 C.T.A. Nicosia 17239.1 f/d mimeo ltr 81d for IRC(Proom-ENG)

DIEGO GARCIA: NKW USN 11235.5 PFC in 28d air for ms (Chinsky-NY) 11262.5
f/d ltr in 7w air for ms. VS: CWO3 B. G. Hatcher (Osterman-OH)

N
K
W

Mark Chinsky
108-05 58th ROAD
FLUSHING, NEW YORK 11355

This will acknowledge/confirm
your reception of our radio
transmission on 11235.5 Khz
on the 11 of SEPT. 1979
at 0140-0201 GMT. The
station you heard was:
DIEGO TOWER, DIEGO GARCIA, BERT.

Remarks:

CWO. 3 B. G. Hatcher

Technical Control/Satellite Communications

Signature & Title *Officer*

(over)

ECUADOR: HD21QA INCOAR 7600 date/freq only color cd 100d ms(Durnavich-IL)

ENGLAND: Plymouth Rescue RAF 5630 PFC<r(below) 49d for ms(Proom-ENG)

VERIFICATION OF RECEPTION.

This card is verification of reception by S. Proom.
from Plymouth Rescue(Call letters?)
on a frequency of 5680kHz at 0645GMT on the 14 July
1979 with a power of 2.5 (558) kW

SIMULTANEOUS BROADCAST ON 503 and CW

HEADQUARTERS

31 AUG 1979

SOUTHERN MARITIME

AIR REGION stamp

E. G. Coia
signature

E. G. Coia

*Regional Communications
OFFICER, HR SOUTMAR*

HQ SOUTHERN MARITIME AIR REGION,
RAF MOUNT BATTEN, PLYMOUTH DEVON

From Squadron Leader E G Coia RAF



HEADQUARTERS
SOUTHERN MARITIME AIR REGION
ROYAL AIR FORCE
MOUNT BATTEN
PLYMOUTH
DEVON
Telephone: Plymouth 4222 ext. 202

Mr S Proom
19 Crosshill
Cotgrave
Nottingham

31 August 1979

Dear Mr Proom,

Thank you for your letter of the 18th July. The letter has been re directed from Culdrose and this explains the long delay in answering.

I was interested to note your reception details and I have pleasure in confirming the broadcast. I have completed your QSL card and have included the detail of a simultaneous CW broadcast. Plymouth Rescue has no call sign letters as such and station identification is by name.

I wish you happy listening and many more successful QSLs.

Sincerely,
E G Coia

GYC Whitehall Naval R. 6413.735 f/d ltr in 19d air for IRC(Chinsky-NY)
GYA Whitehall Naval R. 12740.235 f/d ltr 23d ms (Kasprzyk-TX)
GKC BPO Portishead R. 13019.5 f/d cd in 10d air for 2 IRGs (Chinsky-NY)
IRELAND: CHU NRC Ottawa Sir Sanford Fleming cd in 1m for no RP(Stone-NC)
HOLLAND: PC862 Scheveningen PTT R. 17104.2 f/d cd+brochures 76d(Ewing-IL)
HONGKONG: HongKong VOLMET 13344 date only form ltr 32d 2 IRGs(Durnavich)
IVORY COAST: TUP38 INTELGI Abidjan 13862.5 date only ltr 29d IRC(Coleman)
MEXICO: XFM Manzanillo R. 4225 PFC+ltr in 86d air for 2 IRGs (Foreman-GA)
NEW ZEALAND: ZLO RNZN Irirangi 8598.4 PFC 183d IRC(Conway)12943.5 2d(Chinsky)
SPAIN: EAD6 CINE Aranjuez R. 22446 date-freq only ltr 162d IRC(Conway-MWI)
SWITZERLAND: HEB13 Berne R. 13023.7 f/d color cd 16d 2 IRGs(rtnd)(Ewing-IL)
U.S.A.: NMM USCG Portsmouth VA 8465 PFC in 130d for IRC (Conway-MALAWI)
WOO Ocean Gate R. NJ 8749.9 date-only cd in 26d air for IRC(Conway-MWI)
AFES 11246 freq-only AFCS cd in 31d air for ms (Mellinger-NJ)
WOE RCA Lantana R. FL 12970.5 f/d ltr in 21d for ms (Chinsky-NY)3m(Proom)
APG37 Scott AFB IL 15015 f/d ltr in 14d air for ms (Chinsky-NY)
VENEZUELA: YVTO Obs. Cagigal Gaf2cas 6100 date-freq only cd 28d(Heyman-NY)
SHIPS: GUCM HMS Avenger 2182 PFC in 38d surface for ms (Proom-ENGLAND)
WFDN NOAA Miller Freeman R-223 PFC in 26d for ms 6508khz 1kw(Chabak-AZ)
WTEB NOAA Surveyor S-132 PFC in 13d for ms 6508 khz 1kw (Chabak-AZ)
WLEC SS Worth tanker 16587 QTH:Gibraltar PFC+ltr 25d ms 4.5kw(A. Mason)
GULF MV Southgate cargo 16713.6 PFC 40d air for ms. 1.2kw(A. Mason-ONT)
GKDU La Chacra cargo 16720a ltr+ship photo in 36d for IRC(Holbrook-MD)
GMIC British Hazel tanker 16720a PFC in 24d for IRC (Holbrook-MD)
GUEP Scandia Team oil/bulk 16720a f/d ltr in 37d for IRC 1.4kw(Holbrook)
LIZB "Fabian" tanker 16720a PFC+ship photo 57d IRC 1.5kw(Holbrook-MD)
3FRK "Twin Joy" Cargo 37-22W 131-58W 16720a PFC 56d IRC. 1kw(Holbrook)
5JLX "Stolt Spirit" chem tanker 16720a ltr in 46d IRC. 1.5kw(Holbrook)
GUJR Garthenwydd bulk carrier 16724 ltr 26d for IRC. 1.5kw(Holbrook-MD)

ATNK Jane Priya bulk carrier 16727 ltr in 35d for IRC. 1kw. (Holbrook-MD)
 LEVH Hoegh Musketeer containers 16727.2 ltr in 32d IRC. 1.2kw (Holbrook)
 GRUN Lindfield cargo 16728 PFC in 41d for ms. 400w. (Holbrook-MD)
 PJWL MV Coral Isia LNG carrier 22012.4 PFC 38d air IRC 1.4kw (A. Mason)
 GTIA MV Ivybank cargo 22236.5 PFC in 126d air for IRC 1kw (A. Mason-ONT)
 WSRP Brooks Range VLGC tanker 22240 PFC in 42d for ms. 750w (Holbrook-MD)
 PJQY Nedlloyd Nile 22250a PFC in 17d air for IRC. 1.5kw (Holbrook-MD)
 WZJA SS Genevieve Lykes cargo 22256 PFC in 182d air ms. 1kw (A. Mason)
AIRCRAFT: TWA8752 "Shepherd One" Pope John Paul II aboard 5673 PFC & ltr
 in 19d air for ms (returned) (French-MD)

TWA

P. O. BOX 20126, KANSAS CITY INTERNATIONAL AIRPORT, KANSAS CITY, MISSOURI, U.S.A. 64195

Mr. Robert H. French
 1919 Rochelle Avenue, Apt. 1831
 District Heights, Maryland 20028

October 24, 1979

Dear Mr. French:

We are pleased to confirm that the transmission monitored on your shortwave radio was originated by TWA Aircraft N93109 about two hours after takeoff from Andrews Air Force Base on a non-stop flight to Rome. This flight has historic significance since "Shepherd One" was the designated code name for the 747 chartered for the return leg of TWA Special Flight 8752 which completed the American visit of Pope John Paul II.

We note with interest your shortwave hobby and commend your impressive verified station record. Several members of our staff are "Ham's" and we are happy to aid fellow shortwave listeners.

Attached is an executed QSL card for your records. We appreciate your interest in TWA and hope we will have the opportunity of serving you aboard one of our many TWA flights serving the Washington area.

Very truly yours,



L. S. Gallemore
 Manager - Aircraft Data
 Acquisition and Communications Engineering

RBS:ps
 Attachment

TRANS WORLD AIRLINES, INC.

TWA 8752
 SHEPHERD I

To: Robert H. French

This confirms reception of the signals from this station on frequency 5673 kHz heard at 0837 GMT on the date OCTOBER, 1979.

Power Output: 200 WATTS PEP

Position of plane at time heard: 44°50'N 56°50'W

Registry Number: N95109

Remarks:

TWA SPECIAL FLIGHT 8752 (747)
 RETURN INTERCONTINENTAL FLIGHT WITH
 POPE JOHN PAUL II ABOARD

ANDREWS CNT 0043






CF 0049

ROME CN 0730

IN 0830



signature

	All times GMT	LOGGINGS	All freqs in kilohertz
ALASKA:	6506.4	0215 USCG Kodiak OM EE marine wx USB (Gaede-CA)	
	8628.5	0731 NOJ USCG Kodiak OM EE wkg GCG Mallow USB(Jones-CA)	
	8903	0232 NOJ USCGAS Kodiak OQ mkr CW (Gilbert-NY)(Coomler-CA)	
	11176	0600* KIS70 Anchorage VOLMET YL EE aero wx USB(Pettit-IA)	
	13344	0213 AKA Elmendorf AFB OM EE wkg MM530 USB (Chabak-AZ)	
CANADA:	5673	0325 KIS70 Anchorage VOLMET OM EE aero wx USB(Stone-NC)	
	6351.5	0245 VFG Gander Aeradio OM EE wkg Can. Mil acft(Coleman)	
	13272	0200 VAI Vancouver CG R. OM EE announcement of withdrawal of all avcs except urgency, safety & aerovac(French)	
	15035	0420 VFG Gander Aeradio OM EE aero wx AM (Carroll-LA)	
		2220 WSY70 NY VolMet OM EE aero wx AM (Stone-NC)	
		2025 VXA Edmonton Mil OM EE aero wx USB(Lani Pettit-IA)	
		2120 (Streiber-WA)	
	15038	2130 GHR Trenton Military OM EE aero wx USB (Klasek-MO)	
MEXICO:	4250	2030 CJX St. Johns Military YL EE aero wx USB(Klasek-MO)	
U.S.A.:	2506	0341 XPL D.G.T. Mazatlan de Sinaloa R. CW mkr CW(Dunn-CA)	
	4382.2	0206 KOE Pac NW Bell Eureka CA Marine Op tfeUSB(Jones-CA)	
	5696	0501 WLC Central R/T Rogers City MI OM EE wx USB(Gilbert)	
	6506.4	0427 NMA USCG Miami OM wkg CG#5783 USB (Alexander-IA)	
	6519	0522 NMA USCG Miami OM wkg USCGC Chilula USB(Gaede-CA)	
	6521.9	0635 WFN AMSCOM Jeffersonville IN OM barge tfc(Ireland-TN)	
	8291.1	0141 KFB Palm Beach FL OM wkg "Nairobi" USB (Stock-NY)	
	8686	0319 WDJ Morgan City LA OM wkg WYQ2646 USB (Franch-MD)	
	8765.4	1042 WMH RCA Baltimore R. V mkr CW (Coomler-CA)	
		0055 HMM USCG Portsmouth VA OM wkg GCG Madrona(Kneaskern)	
	12022.5	2335 HMM USCG Portsmouth VA OM EE marine wx USB(Yajko-PA)	
	12216	1533 KKN50 State Dept Intell Svc QRA mkr CW(Kneaskern-NY)	
	13272	1550 KPA72 DCPA Olney MD OM EE wkg KPA65 USB(Russell-IL)	
	13993	0415 WSY70 NYC VOLMET OM EE wx AM(Carroll-LA)(Crosby-NJ)	
	15492.5	1746 AGA3HQ Scott AFB OM BEERCAN propagation USB(Ireland)	
	15540	2351 KKN50 State Dept Intell Svc DG KJB22 call mkr (Dunn)	
	15750a	2010 KKN50 SDIS Washington DC QRA mkr CW (Brown-IL)	
	16064	2146 WFI27 PREWI NYC multicall QRA mkr CW(Osterman-OH)	
	16591a	1656 KBW49 DOE Las Vegas NV OM wkg E.R.S. net USB(Russell)	
	17408.6	1658 KMU77 DOE San Francisco OM wkg KAY20 USB(Russell-IL)	
	18027	2251 KHT Cedar Rapids IA wkg Exxon Florence(Fitzgerald-RI)	
	18100a	2132 WWD BuFisheries La Jolla CA OM tence count(Ireland)	
	24112a	2251 APA Andrews AFB MD OM EE wkg AF24 LSB (Stock-NY)	
		1845 WEE ATT Manahawkin NJ OM EE vm USB (Newton-GA)	
		0042 WKK ATT Manahawkin NJ OM EE vm USB (Dunn-CA)	
CARIBBEAN			
BARBADOS:	8449.3	1008 8PO C&WI CQ mkr CW (Alexander-IA)1053(Coomler-CA)	
CUBA:	17175.5	1400 CLS Navy Havana CQ mkr CW (Dunn-CA)	
GRENADA:	8722	0441 J3R G.T.A. St. George's V mkr CW (Osterman-OH)	
MARTINIQUE:	4263	0543 FFP2 PTT Fort de France R. CQ mkr CW (Blaise-LA)	
	13030a	0304 FUF French Navy Fort de France V mkr CW(Forsman-CA)	
CENTRAL AMERICA			
COSTA RICA:	16956a	2328 TIM R.C.R. Limon R. V mkr CW (Walters-NJ)	
EL SALVADOR:	13950	1923 AHP1A USMAGTSan Salvador OM wkg AHP4 LSB(Russell-IL)	
		1924 YS1HUKE USMAG San Salvador OM EE wkg AHP4 (Russell)	
SOUTH AMERICA			
ARGENTINA:	8456	0215 LSA E.I.M.A. Boca R. V mkr CW (Thompson-NM)	
BRAZIL:	16918	1821 PPJ EMBRATEL Juncao V mkr CW (Conway-MALAWI)	
	17160	2356 PMZ Navy Rio de Janeiro V mkr CW (Walters-NJ)	
CHILE:	7424	0609 CCS Navy Santiago V mkr CW (Blaise-LA)	
	20885	1503 CEP5UI USMAG Santiago OM EE wkg AHP4 LSB(Russell-IL)	
COLOMBIA:	13950	0051 5K0255 USMAG Bogota OM EE wkg Albrook AFB (Russell)	
URUGUAY:	16870a	2310 CWA O.G.T. Cerrito R. V mkr CW (Walters-NJ)	
VENEZUELA:	6100	0640 YVTO Caracas SS time AM(Ireland)(Crosby-NJ)(Brewer)	
	17590	2213 YVM Maracaibo Naval R. clg CPF2 CW (Alexander-IA)	
EUROPE			
BELGIUM:	8652	0650 OST RTT Ostend R. V mkr CW (Coomler-CA)	
BULGARIA:	8532	0447 LZW Varna R. ID mkr CW(Blaise-LA) 2345 (Vranes-PA)	
DENMARK:	25262	1600 OXZ D.G.P.T. Lyngby R. tfc list CW (Dunn-CA)	
ENGLAND:	4301	0431 GYA RBN London ID mkr CW (Blaise-LA)	
	4310	0557 MTI RBN Plymouth V mkr CW (Proom-ENGLAND)	
	5000	0250 MSF N.P.L. Teddington time tick CW (Gilbert-NY)	
	8569	0452 GKD4 BPO Portishead R. ID mkr CW (Blaise-LA)	
	13201	0911 AJE USAF Croughton YL EE wkg MAC40624 USB(Chabak-AZ)	
FRANCE:	7805.5	0750 FDY6 Air Force Orleans V mkr CW (Proom-ENGLAND)	
	13296	0020 Paris Aeradio OM EE wkg AirFrance flt USB(Russell)	
	17316.6	2214 FFL81 PTT S. Lys R. OM FF/mm vm USB (French-MD)	
GERMANY, E.:	6703	0540 DBT/DBU5 ForMin Berlin V-QRA mkr CW (Proom-ENG)	

GERMANY, E.:	8584	0458	DHZ M.P.F. Ruegen R. V mkr CW (Blaize-LA)
GERMANY, W.:	7727	0240	KRH50 US Embassy Bonn QRA mkr CW (French-MD)
GIBRALTAR:	4221a	0445	GYU BRN ID mkr CW (Blaize-LA)
HOLLAND:	8439.1	0336	PBC3 Navy Goeree V mkr CW (Blaize-LA)
ICELAND:	5167	0500	NRK USN Grindjavik V mkr CW (Proom-ENGLAND)
IRELAND:	8833	0051	EIP Shannon VOLMET OM EE aero wx AM (Yajko-PA)
	13312	1052	EIP Shannon VOLMET wx AM (Duran-NJ) 1300 (Crosby-NJ)
ITALY:	4280	0437	IDQ2 Navy Rome callsign mkr CW (Blaize-LA)
	25098a	1930	IDR6/7 Navy Air Defense Rome V mkr CW (Coleman-MA)
LATVIAN SSR:	16997	1828	UDH MinCom Riga V mkr CW (Conway-MALAWI)
NORWAY:	16928.4	0140	LFX N.T.A. Rogaland R. CQ mkr CW (Blaize-LA) (Walters-NJ)
PORTUGAL:	4325	0426	CTV4 Monsanto Naval R. V mkr CW (Blaize-LA)
ROMANIA:	17037	1519	YQ14 NAVROM Constanta R. CQ mkr CW (Conway-MWI)
SCOTLAND:	2767	0545	MQJ RBN Faslane V mkr CW (Proom-ENGLAND)
	7504.5	0605	GXH USN Thurso NAM NUKO multicall V mkr CW (Blaize)
SPAIN:	22533	1650	EDZ7 Aranjuez R. CQ mkr CW (Thompson-NM)
SWEDEN:	12880.5	0230	SAG A.C.T. Göteborg R. CQ mkr CW (Boehm-TX)
USSR:	8687.6	0223	URD MinCom Leningrad R. ID mkr CW (Coomler-CA)
	12797	1403	UDK2 MinCom Murmansk R. ID mkr CW (Osterman-OH)
<u>AFRICA</u>			
ANGOLA:	20535.4	1514	D2J35 EMPUTEL Luanda OM FF/YL EE vm USB (Russell-IL)
DJIBOUTI:	13042.6	0312	FUV French Navy Djib City V mkr CW (Blaize-LA)
EGYPT:	8578	0455	SUH TelOrg Alexandria R. CQ mkr CW (Blaize-LA)
	14853a	2100	4UE UN Gaza encrypted tfc CW (Chinsky-NY)
LIBERIA:	4886	0439	KKN44 US Embassy Monrovia QRA mkr CW (Alexander-IA)
MADEIRA:	6393.5	0120	CUB CPRM CQ mkr CW (Thompson-NM) 0144 (French-MD)
MALI:	12255	0715	TZA512 TelInt Bamako YL FF/FF vm USB (Ireland-TN)
REUNION IS.:	8475	1400	FUX French Navy S. Denis V mkr CW (Thompson-NM)
SENEGAL:	11115.2	0705	6VK311 PTT Dakar YL FF/EE vm USB (Ireland-TN)
SO.AFRICA:	4291	0433	ZSC46 PMG Capetown R. CQ mkr CW (Blaize-LA)
	6337	0208	ZRQ2/3/4/5 Cape Naval R. Simonstown CQ mkr CW (French)
<u>ASIA</u>			
CHINA:	8450	1350	XSQ MinCom Shanghai R. CQ mkr CW (Thompson-NM)
	8514	1520	XSQ MinCom Canton R. CQ mkr CW (Dunn-CA)
	15000	1300	BFV Z1-ka-wei Obs. Shanghai Time Tick CW (Kowalski-WI)
EGYPT:	12970.5	1508	SUH4 TelOrg Alexandria CQ mkr tfc list CW (Conway-M)
ISRAEL:	12985	0308	4XZ Navy Haifa V mkr CW (Blaize-LA)
HONGKONG:	13344	1045	Hong Kong VOLMET OM EE aero wx AM (Duran-NJ)
INDIA:	8634	1345	VTG Bombay Naval R. V mkr CW (Thompson-NM)
INDONESIA:	8457	1340	PKP DJPL Dumai R. CQ mkr CW (Thompson-NM)
JAPAN:	4332.5	1135	JCK NT&T Kobe R. CQ mkr CW (Coomler-CA)
	8000	0555	JJY M.P.T. Tokyo YL EE time sigs AM (Marge Witte-CA)
	8547.5	0700	JFA Central Fisheries R. Chiba CQ mkr CW (Blaize-LA)
	12673.5	0340	JOU NT&T Nagasaki R. CQ mkr CW (Dunn-CA)
	12788	1356	JFA Central Fisheries R. Chiba CQ mkr CW (Osterman)
	13054	0306	JDC NT&T Choshi R. CQ mkr CW (Forsman-CA)
	13201	0908	AIF Yokota AFB CM EE wkg HM532 USB (Chabak-AZ)
	13069.5	1915	JOS NT&T Nagasaki R. CQ mkr CW (Proom-ENGLAND)
	13344	1042	JMA Tokyo VOLMET OM EE aero wx AM (Duran-NJ)
	15000	1309	JJY M.P.T. Tokyo YL EE & Morse time tick (Kowalski-WI)
	19230	0258	K.D.D. Tokyo YL EE/JJ vm, tfc LSB (Russell-IL)
	22391.5	0938	JFM Muroto Fishery R. manual CQ, clg JPRB CW (Conway)
KOREA, S.:	8498a	1129	HFL MinCom Seoul CQ mkr CW. Not on this freq according to ITU Coast List! (Blaize-LA)
	8577	1118	HLO MinCom Seoul CQ mkr CW (Blaize-LA)
	8636.1	1350	HLW MinCom Seoul CQ mkr CW (Thompson-NM)
	16990	0149	HLO MinCom Seoul R. CQ mkr CW (Dunn-CA)
	17118	2348	HLG MinCom Seoul R. CQ mkr CW (Walters-NJ)
MALAYSIA:	8698	1155	9MG2 D.G.T. Penang R. CQ mkr CW (Coomler-CA)
PHILIPPINES:	8568	1121	DZR Phil. Global Bulacan R. CQ mkr CW (Blaize-LA)
	8580	1116	DZO Luastre Inc. Bulacan R. CQ mkr CW (Blaize-LA)
	8588	1546	DZG Globe Mackay Las Pinas R. V mkr CW (Dunn-CA)
	8592	1340	DZK A.L.O. Bulacan R. CQ mkr CW (Thompson-NM)
	8993	1144	AIC Clark AFB OM EE wkg PARDO 40 USB (Chabak-AZ)
	11176	1556	AIC Clark AFB OM EE wkg AMBER Ops USB (Peg Thompson)
SAUDI ARABIA:	8959	0257	HJZ Jeddah Aeradio OM EE clg Aden USB (Fitzgerald-RI)
SINGAPORE:	8709	1335	9VG T.A.S. CQ mkr CW (Thompson-NM)
SYRIA:	13974	2310	VXV9 Canadian Forces Golan Heights (part of UN Peace Force) OM EE wkg NNØNIK & NNØAJN USB (Chabak-AZ)
USSR:	13170	0243	ULY44 MinCom Aleksandrovsk R. wkg UIJ2 CW (Gilbert)
YEMEN, P.D.R.:	13060.5	1427	70A Y.T.C. Aden ID mkr CW (Conway-MALAWI)
<u>OCEANIA</u>			
AUSTRALIA:	7500	1035	VNG OTC Melbourne time tick CQ (Brewer-TN)

AUSTRALIA: 10017 0701 VLS Sydney VOLMET OM Aero wx AM (Ireland-TN) 1100
 (Brewer-TN) 1202 (Cunningham-OH) 1203 (Crosby-TN)
 14945 0730 VKS80 OTC Sydney OM EE vm USB (Ireland-TN)
 16918.5 2335 VHP RAN Canberra V mkr CW (Walters-NJ)
 17200 0920 VIP35 AOTC Perth CQ "QSX RTTY 16663" mkr CW (Boehm-TX)
GUAM: 6738 1001 AIE Andersen AFB OM EE patching AMBERLY to Guam SAC
 CP USB (Chabak-AZ)
HAWAII: 6521.9 0633 USCG Honolulu Rescue wkg "101" w/med info (Quinn-OH)
 2980 1133 KVM70 Honolulu VOLMET YL EE aero wx AM (Coomler-CA)
 6506.4 0545 NMO USCG Honolulu OM EE marine wx USB (Blaine-LA)
 8650 1615 NMO USCG Honolulu R. V-CQ mkr CW (Dunn-CA)
 8765.4 0548 NMO USCG Honolulu w/Pac wx OM EE USB (Gaede-HI)
KERMADEC IS.: 9950 1319 ZME3 NZ Metro Raoul Is. OM wkg ZLZ51 AM (Russell-IL)
NEW CALEDONIA: 8645 1319 FUJ Fr. Navy Noumea V mkr CW (Osterman-OH) 1340
 (Thompson-NM) 1610 (Dunn-CA)
NEW ZEALAND: 8997 0658 Christchurch R. OM EE test count USB (Russell-IL)
 11130 0500 ZLX22 Himatangi Meteo CQ coded wx CW (Fitzgerald-RI)
HAWAII: 11179 0303 AGA Hickam AFB OM EE wkg Sky 21 USB (Jones-CA)
NEW ZEALAND: 13251 0645 ZLK USN Christchurch OM EE wkg NZCM USB (Osterman-OH)
ANTARCTICA
 8997 0358 NZCM USN Williams Field McMurdo ("MAC Center") OM EE wkg
 MAC04645 USB (Russell-IL)
 13251 0408 NZCM USN Williams Fld McMurdo OM EE wkg XD05&XD01 (Osterman-OH)
UNIDENTIFIED
 1619a 0309 "SBT" beacon CW (Osterman-OH)
 3197a 1132 D9K QRA mkr CW (Blaise-LA)
 7553a 0406 8K3 V mkr CW (Blaise-LA)
 8740a 1622 TRD CQ mkr CW (Dunn-CA)
 13116a 1920 "Uganda R." OM EE tfc USB (Gilbert-NY)
 14412a 0110 DTD36 QRA mkr CW (Osterman-OH)
 16590a 1450 KXI98 OM EE clg the "Robert M. Kaysen" USB (Gilbert-NY)
 12235a 2000 B3Q: "VVV(3x) B3Q(3x) QRU" CW (Compton-MA)
SHIPS
 2142 0056 USS Corey OM EE clg Norfolk Marine Op AM (Yajko-PA)
 0320 NUSA USS America CVW-11 OM EE clg KCC USB (Russell-IL)
 4067.5 0326 USS Constellation OM EE wkg ICSB1 San Diego USB (Chabak-AZ)
 0340 USS Ranger OM EE wkg ICSB-1 USB (Chabak-AZ)
 0355 USS Cook DE-1083 OM EE wkg ICSB-1 USB (Chabak-AZ)
 6506.4 0230 NRPQ USCG Citrus OM EE wkg NMC (Gaede-CA)
 0234 USCGC Mobile Bay OM EE wkg MNM USB (Gaede-CA)
 0508 USCGC Polar Sea OM EE wkg USCG Kodiak AK USB (Gaede-CA)
 0650 WTEP "Oceanographer" NOAA R101 wkg NMC USB (Gaede-CA)
 8270.7 0227 PPFW "Tocantim" OM EE clg Natal R. USB (French-MD)
 8294.2 0253 "Natalia 2" OM EE wkg NMG New Orleans USB (French-MD)
 0634 "Arctic Wind" OM EE wkg KVP366 USB (Jones-CA)
 8765.4 0613 Research Ship "Westwood" OM EE wkg MNM USB (Gaede-CA)
 12429 2021 Gulf Oil WYT7324 OM EE clg WJD Tampa USB (Gilbert-NY)
 13185 1816 GBT Queen Elizabeth II OM wkg NYC Marine Op USB (Ireland-TN)
AIRCRAFT
 6756 2050 Lean 22 OM EE wkg Andrews AFB USB (Stone-ONTARIO)
 8854 0716 Singapore 912 OM EE wkg Guam Center USB (Russell-IL)
 8875 0505 Western 500 OM EE wkg SanFran Aeradio USB (Lani Pettit-IA)
 8882 0245 Alitalia 569 OM EE wkg Dakar Aeradio USB (Vranes-PA)
 8945 0113 Tiger 4001 OM EE wkg NY Aeradio USB (Duran-NJ)
 8959 0147 Lufthansa 535 OM EE wkg Khartoum Aeradio USB (Fitzgerald-RI)
 8989 0125 Gull 07 OM wkg Mather Monitor via MacDill USB (Compton-MA)
 0132 Delta 69 OM EE clg "any sta for R. ck" USB (Compton-MA)
 0143 CG#1453 OM EE wkg McGlellan AFB USB (Compton-MA)
 0516 Lark 71 OM wkg Elison Metro via Elmendorf USB (Chabak-AZ)
 2158 Pallet 951 OM EE wkg MacDill AFB USB (Compton-MA)
 8993 0227 Gull 18 OM wkg MacDill patch to Mather Monitor USB (Chabak)
 8997 0741 Medevac XD01 OM EE wkg McMurdo Ctr USB (Russell-IL)
 11182 0250 Tailpipe Flexor OM EE wkg Scott phone patch USB (Chabak-AZ)
 1516 RAF600 OM EE wkg Scott Metro via Scott AFB USB (Russell-IL)
 1801 Rip 97 OM EE wkg RAYMOND ONE via Scott patch USB (Stock-NY)
 2024 Alrevac 1614 OM EE wkg Scott CP via Scott USB (Russell-IL)
 11236 1143 SAM 86971 OM EE wkg Andrews via Yokota patch USB (Chabak-AZ)
 11246 1743 AG705 OM EE wkg HORN BASE NAS Cecil Field via MacDill (Russell)
 13215 1626 SAM27000 on ground Chicago OM wkg SAM86970 USB (Russell-IL)
TACTICAL
 4755a 0239 BRESTSTONE OM EE wkg CHALICE 02 LSB (Chabak-AZ)
 5814a 1238 AH7U OM EE wkg 55FE USB (Stock-NY)
 6904a 0258 INCOGNITO 6 OM EE wkg SENECA 5 re air refuel USB (Stock-NY)
 7538a 0242 BIGBIRD OM EE passing tfc to SUNSHINE USB (Blaise-FL)

8611a 1100 CCNDOR 6 OM wkg CONDORs 2,4&9(land vehicles)USB(Chinsky-NY)
 8967 0728 HEAD DANGER 3 OM wkg RAYMOND 1 via MacDill USB(Devendorf-CA)
 11180 1950 JUNCTION OM EE wkg Elmendorf AFB via Andrews USB(Russell-IL)
 11182 0015 MUSIC 52 OM wkg MUSIC BASE(VMGR-234 NAS Glenview (Russell)
 11191 0421 BIG FIVE OM EE clg MIKE YANKEE USB (Blaitze-LA)
 1045 HERSHEY OM EE radio check w/G6L USB (Chinsky-NY)
 11243 0135 GASHOUSE OM EE wkg GOOD NEWS(acft) USB (Chinsky-NY)
 1030 DIPOLE OM EE scheduled best to SKYKING USB (Chinsky-NY)
 1945 BRIMSTONE(USAF) OM EE wkg ENGRAVE ø2 USB (Chinsky-NY)
 11267 2314 D4N(MTCC Norfolk VA) OM EE test count // 6697 USB(Chinsky)
 13195a 0155 ARIZONA PETE OM EE wkg DRAGNET(Nellis AFB NV) USB(Chabak-AZ)
 14690a 1842 BIG BIRD OM EE wkg ATLAS(US Customs DC) USB (Stock-NY)
 17307a 2045 BUCKY BEAVER OM EE wkg ANOKA OPS ø5 USB (Gilbert-NY)
 2125 ANOKA CONTROL OM EE wkg ANOKA ø5 USB (Gilbert-NY)
 2255 ANOKA ø4 OM wkg ANOKA OPS, "Time of target?" USB(Gilbert-NY)
 19667 1420 ZERO OM EE wkg THREE SEVEN USB (Stock-NY)

SPY NUMBERS STATIONS

3818a 0510 YL SS 5-digit groups AM 10/8/79 (Cunningham-OH)
 4310a *0300 YL SS "54 5" repeated to 0310* AM //4670a 10/18/79(Nida-MN)
 0314 YL SS 4-d groups "Fin" 0330* 11/5 & 11/6/79 (Nida-MN)
 4670 0400 YL SS "54 5" repeated to 0410* AM 11/5/79 (Carroll-LA)
 4685a 0545 YL GG 5-digit groups USB 8/27/79 (Proom-ENGLAND)
 5670a *0158 YL SS "54 5" to 0216 14' tone* AM 10/12 Same at 0300-0310.
 Same at 0400-0410* // 4670 (Nida-MN)
 5820a 0600 YL SS "Atención 642 60" 5-d "Final" 0608* AM 10/23/79(Nida)
 5920a 1029 YL EE "038 749" AM 10/3/79 (Trommel-IL)
 6454a 0811 YL GG 5-d gr ea gr rptd "Ende" 0828* AM 10/29/79(Munster-GA)
 6508a 0607 YL GG 5d ea gr rotd "Ende" 0636* AM 11/4/79 (Nida-MN)
 6709a 0612 YL GG 5-d groups "Ende" 0620* AM 10/27/79 (Munster-GA)
 6770a 0615* YL SS 5-d "Final Final" AM 10/26/79 (Ireland-TN) (Gadsden-GA)
 0700 YL SS "Atención 341 19" 19 5-d grs "Final" 2x 0704 10/28/79
 6773a *0610 YL SS "Atención 168 16" 5-d "Final" 0614* 10/29/79(Nida-MN)
 "Atención 698 40" 10/20/79. "Atención 390 40" 11/4 (Nida)
 0700 YL SS "Atención 658 16" 5d "Final" 0704 AM 10/23/79(Nida-MN)
 6776a *0610 YL SS "Atención 600 25" 5d "Final" 0616* AM 10/28(Nida-Munster)
 6790a *0700 YL SS "Atención 909 16" 5d "Final" 0704* AM 10/21/79(Nida-MN)
 0704 YL SS "909 18" 5-d "Final" 0708 10/28 (Munster-GA)(Nida-MN)
 6835a *0700 YL SS "Atención 865 50" 5-d "Final" 0707* 10/18/79 (Nida-MN)
 0707 YL SS "Atención 142 55" 5-d "Final" 0711 10/25/79(Munster)
 6841a *1023 YL EE "345 285 946 835" rptd to 1035* AM 11/5/79(Munster-GA)
 7241a 0803 YL SS YL SS "Atención 047 60" 5-d AM 10/16/79(Devendorf-CA)
 7404a 0600 YL GG "Papa November" tfc list, 6 msgs "Ende" 0613* AM,
 rebroadcast at 0630 USB 11/5/79 (Nida-MN)10/26&30(Munster)
 7527a *0706 YL SS "Atención 801" no msg "Final" 0710* 10/21/79(Nida-MN)
 7634a 0601 YL SS "Atención 657 40" 5-d AM 11/6/79 (Nida-MN)
 7845a 0621 YL SS "Atención 178 21" 5-d "Final" 0624 AM 11/5/79(Nida-MN)
 0710 YL SS "Atención 341 15" no msg AM 10/27/79 (Munster-GA)
 7887a 0716 YL SS repeat of 6835 *0707. 0720* 10/25/79 (Munster-GA)
 7908 0600 YL SS "390 40" 5d "Final" 0606* AM 11/4/79 (Nida-MN)
 11034a 2229 YL EE 5-d groups AM 10/16/79 (Pettit-IA)
 11108a 0604 YL GG "Papa November" w/ mm background, 5-d AM=8/27(Proom-E)
 11340a 0313 YL SS 5-digit groups(Not same as 11515) AM 10/15(Thompson-CA)
 11430a 0830 YL SS 5-digit groups AM 10/14/79 (McKinney-PA)
 11515a 0808 YL SS 5-digit //11432 but clearer 10/15 AM (Thompson-CA)

Both Ralf Munster & Jon Nida noticed greatly increased numbers station activity since the early part of October.

25 unused # sta loggings available for SASE & 12¢ in U.S. or Canadian

RADIOTELETYPE

CANADA:11500 1345 GKN Vancouver Mil fox test 100wpm/170Hz (Alexander)
 CHINA:15703 1447 BZG45 Peking QRA mkr 66/170R (Alexander-IA)
 CONGO: 10137 0116 TNL97 Brazzaville RY mkr 66/--- (French-MD)
 CUBA: 18193 2206 CLN 603 Havan Fox/RX test 66/--- (French-MD)
 CYPRUS:14670 0220 MKD RAF Akrotiri Fox/RX test 66/--- (French-MD)
 ENGLAND:18123a 1709 MKG RAF London RY Fox tests 66/425R (Stein-NJ)
 FRANCE:17545 1539 FTR54 France Presse Lyon RY test 66/170 (Alexander-IA)
 KOREA,N.:15633 0355 HMH21 KCNA Pyongyang press 66/425 (Osterman-OH)
 LIBERIA:15875 0258 VOA Monrovia Fox/RX test 100/--- (French-MD)
 PANAMA:17450 1750 NBA USN Balboa RY test 60/??? (alexander-IA)
 19616.5 2147 NBA USN Summit clg OBC 66/--- (French-MD)
 PERU: 6707 0817 OBC Navy, City? SS tfe to OBF 66/850R (Devendorf-CA)
 U.S.A.:20233a 1308 KNY24 Wash DC(Thai Embassy?) tfe 66/--- (French-MD)
 USSR: 14700 1552 RBNF Moscow Aero clg SUC, Congo 66/850(Conway-MALAWI)
 14 unused RTTY loggings available for SASE & 12¢ in U.S. or Can. ms.

QSL REPORTS

Editor: Bob Donly 7208 Sunview Dr. Columbia, South Carolina 29209
(deadline 12 th of the month)



December, tis the Season to be Jolly! A very MERRY CHRISTMAS to you and yours.

A number of QSLs were reported this month from Brunei. It makes one wonder if their shortwave service is really off the air. In any event, I am sure that those of you who received their QSL were pleased.

Since QSL news is a little slow this month, I might take this opportunity to remind you of the "ground rules". All QSL reports should be sent on our club reporting form. These forms are available from Club Headquarters. The use of these forms means that I can do a much more accurate job for you. For ONE month only, I'll make you the following offer. If you will send me a SASE, I will supply you with copies of the club QSL report form. In this way, perhaps I can encourage you to start using these forms. Please CUT ALL OF YOUR LOGGINGS in to sections before mailing. You might be surprised at the amount of time

I spend each month just cutting your loggings. I'm not saying that I will refuse loggings sent otherwise. however your corporation in this matter will make for a better column.

Don't forget to keep sending copies of your QSLs. Try to find a duplicating machine that will reproduce good copies. Poor quality reproduction just will not come out well in the printing process. A lot of you do comply with the above, and I thank you for your indulgence.

A goodly number of reporters (73) reporting this month, 5 for the first time. Let's keep the reports flowing, and a reminder to some of the older members that I haven't received any reports from some of you for a while.

Away we go.

Europe

- ALBANIA: R. Tirana, 7120, f/d "Haut Leve L'esprit Revolutionaire" cd in 102d sfc, for 2 IRCs (SCOTT OK), same cd in 88d air, no rp (KLASEK MO), 9750, same cd in 71d air, for 1 IRC (SEMESKY IN), same cd in 70d air, no rp (FOURNIER VA)
- ANDORRA: R. Andorra, 6215, Mountain Scene with Antennas cd in 21d air, no rp (KLASEK MO) AWR, 6215, Globe with Hands cd in 30d air, no rp (FISCHER GERMANY)
- AUSTRIA:ORF; 5945, 6000, 9585, 9770, 15260, 21530. F/d cds in 17-89ds air, for 1-2 IRCs no rp. (HASKETT IN)(KLASEK MO)(HEYMAN NY)(MOORE PA)(SCOTT OK)(FRASER MA)(MCLEAN NY) (SEMESKY IN)(HOWARTH WA)(OLSON CA)(LOREN CA)(SOMERS CA)
- BELGIUM: BRT/ORU, 11715, 15175, 15210, 21460. F/D ltrs. and cds in 14-55ds air, for 1 IRC no rp. Map/Logo, Sous-Station D'alimentation etc. (SAKIYAMA JAPAN)(BYRON NY) (MELLINGER NJ)(HEYMAN NY)(SMITH FL)(SERSHON IL)(STONE NC)(KLASEK MO)(OLSON CA)(AUDETTE MA)(DURNAVICH IL)
- BULGARIA: R. Sofia, 9705, 11750, 15135, 15330. F/D cds in 26-120ds air, no rp. "Bachkove Monestary", "Vue de Zlatni Pjassatzji", "Kukery" etc. (OSSEGE OH)(KLASEK MO)(DURNAVICH IL)(FOURNIER VA)(WITTE CA)(FALLOWS ONT)
- CZECHOSLOVAKIA: R. Prague, 5930, 7345, 9630, 9740, 11990. F/D cds in 62-160ds air, for 1-2 IRCs no rp. "Orva Castle", "Bratislava Castle", "Lipno Dam" etc. (KLASEK MO) (MUNSTER GA)(AUDETTE MA)(HESCH NY)(CUNNINGHAM CA)(BEEMAN OH)(HEYMAN NY)(DURNAVICH IL)
- DENMARK: R. Denmark, 15165, f/d "Radiohouse Aerial Tower" cd in 22d air, for 1 MS (DURNAVICH IL), same cd in 37d air, no rp (KLASEK MO)
- FINLAND: R. Findland, 9675, no/data "Finnish Industry" cd in 35d air, for 1 IRC (SERSHON IL), 15270, no/data "Summer in Finland" cd in 56d air, no rp (SCOTT OK), same cd + sked. in 32d air, no rp (KLASEK MO), 15400, no/data "Finnish Architecture" cd in 36d air, no rp (BINAU MD), 21465, no/data "Finnish Architecture" cd in 15d air, no rp (TSUKAMOTO JAPAN)

.. Just because the singer is off key, it doesn't make the song bad ..

FRANCE: R. France International, 15300, 15360, 17720, 21580, 21620. F/D cds in 19-41ds air, no rp. Art and Culture Bldg. (KLAISEK MO), no desc. (CUCURA PA), "Palais de la Radio" + pennant (KLAISEK MO), no desc cd + pennant (MOORE PA), "Centre National d'Art" + pennant (SMITH FL), "La Gare Maine" + pennant (DURNAVICH IL), pennant (STONE NC)

GERMANY (Democratic Rep.): RBI, 9545, 9730, 11840, 11890, 11970. F/D cds in 30-123ds air, for 1 IRC, 1 MS, no rp. Clock Tower, Altes Museum etc. (FALLOWS ONT) (MASELLI RI) (MUNSTER GA) (KLAISEK MO) (HEYMAN NY) (SMITH FL) (SHAFFER IN) (SEMESKY IN)

GERMANY (Federal Rep.): Deutsche Welle, 9545, 11905, 17695. No/data Logo cd and stickers in 20-60ds air, no rp. + pennant (KLAISEK MO) (MARSHALL AZ) (MUNSTER GA) (FOURNIER VA) OK on your try to get EE Africa sked. Ralf bd Sender Freies Berlin, 6190, date/freq. Logo cd in 144d air, no rp (KLAISEK MO)

GREAT BRITAIN: BBC, no/data "Tower Bridge" cd in 43d air, no rp (KLAISEK MO) freq. was 9580. 15260, same cd in 42d, no rp (STONE NC), 15070, same cd in 55d air, no rp (AUDETTE MA), 15260, same cd in 44d air, no rp (MARSHALL AZ) VOA Relay, 6040, "Satellite Americom" cd in 13d sfc, no rp (FISCHER GERMANY)

GREECE: V. of Greece, 9515, f/d "Cephalonia Beach View" cd in 45d air, no rp (DURNAVICH IL), 9655, form ltr. in 35d sfc, for 1 IRC (HOLBROOK MD), 11730, f/d plain white cd in 85d air, no rp (KLAISEK MO)

HOLLAND: 6045, 6165, 6195, 9590, 21480. R. Nederland, F/D cds in 12-38ds air, no rp. Antenna Scene, Windmills etc. (TSUKAMOTO JAPAN) (KLAISEK MO)

HUNGARY: R. Budapest, 9585, 9835, 11910, 17710. F/D cds in 35-98ds air and sfc, for 2 IRC no rp. "Shortwave Club", "Geometric Design" etc. (SCOTT OK) (SEMESKY IN) (SAVAGE CA) (SERSHON IL) (KLAISEK MO) (DURNAVICH IL) (SMITH FL) (FISCHER GERMANY) (KERN CA) (FOURNIER VA)

ITALY: RAI, 11800, f/d "Vincenzo Gerrita" cd in 42d air, no rp (KLAISEK MO), "Bambino" cd in 34d air, for 1 IRC (KLAISEK MO), 15315, f/d "Giorgione" cd in 102d air, for 2 IRCs (SERSHON IL)

LEXEMBOURG: R. Luxembourg, 15350, f/d Antenna Logo cd in 96d air, no rp (KLAISEK MO)

MALTA: R. Mediterran, 5960, f/d Map of Mediterranean cd in 50d air, for 1 IRC, also post cd (SAKIYAMA JAPAN)

MONACO: TWR, 7105, 9490, 9495, 9510, 9610. F/D World Map cds in 11-110ds air and sfc, for 1-3 IRCs no rp. (KLAISEK MO), following also pennants (WALLACE HI) (WAGNER PA) (DURNAVICH IL) (HASKETT IN)

NORWAY: R. Norway, 9645, 11860, 15175, 21730. F/D cds in 28-122ds air and sfc, for 1 IRC no rp. "Autumn at Lake Gjennde", "Winter/Fall", "The Old Mill" etc. (YAJKO PA) (BROWN IL) (DOBBINS MD) (KLAISEK MO) (MASELLI RI) (OAKLEY OR) (STRETKER WA)

POLAND: Polskie R., 6135, 7270, 11815, 15120. F/D cds in 35-81ds air, for 1-2 IRCs no rp. "Sailboat", "Three Runners", "Warsaw Royal Castle" etc. (STONE NC) (KLAISEK MO) (DURNAVICH IL) (BEEMAN OH) (MARSHALL AZ) (DOBBINS MD) (FOURNIER VA) (FALLOWS ONT) (BYRON NY)

PORTUGAL: R. Portugal, 6025, 11935. F/D cds in 26-103ds air and sfc, for 1-2 IRCs no rp. "Autumn", "Sunflower", "Winter" etc. (TRUMMEL IL) (KLAISEK MO) (HOLBROOK MD) (SERSHON IL) (STONE NC) (LATTEMANN WA) (MASELLI RI)

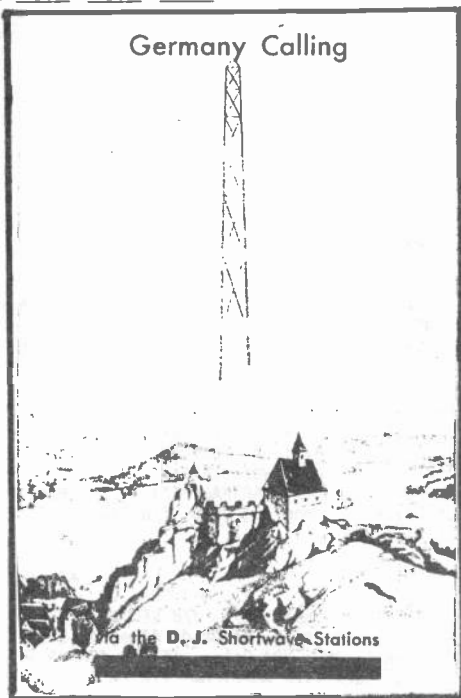
R. Japan Relay via Sines, 15305, f/d "Garden Scene" cd in 30d air, for 2 IRCs (DONLY SC) 15305, 17815, f/d "Straw Horse" and Bamboo Grove cds in 21d air, no rp (CUCURA PA)

ROMANIA: R. Bucharest, 9570, 9690, 11940. F/D cds in 31-110ds air and sfc, no rp.

"Bran Castle" (KLAISEK MO), "Tower of Sibiu" (KLAISEK MO), Map (DURNAVICH IL), "Mamaia Beach" (GEORGE TX) (SAVAGE CA)

SPAIN: R. Exterior de Espana, 9630, 11880. F/D cds in 20-50ds air, no rp. "Malaga, Mountain Town", "Espana", "Iglesia de San Miguel" etc. (STONE NC) (KLAISEK MO) (STONE ONT) (KNEASKERN NY) (JOHNSON MN) (BEEMAN OH) (DURNAVICH IL) (SMITH FL) (TRUMMEL IL) (HEYMAN NY) (McCOOL MS)

SWEDEN: R. Sweden, 9590, 11290, 15275, 15290, 21615, 21675, 21690, 21700. F/D Map cds in 10-79ds air, 1 IRC no rp. (STONE NC) (BINAU MD) (MAISE LA) (KLAISEK MO) (NEWTON GA) (MUNSTER GA) (FRASER MA) (TSUKAMOTO JAPAN) (DURNAVICH IL)



Antique circa 1930, thanks to: Bill Yohana

SWITZERLAND: Swiss R. International, 6135, 11715, 17730, 21570. F/D cds in 18-75ds air and sfc, for 2 IRCs no rp. Countryside near Berne, "Verbier Valais" etc. (BINAU MD) (SMITH FL)(KLAISEK MO)(STONE ONT)
 RCBS, 7210, freq/only "Earphones on Globe" cd in 16d air, for 1 IRC (FISCHER GERMANY), same cd, but with f/d in 34d air, no rp (KLAISEK MO)
 USSR: R. Moscow, 7260(Yuzhno-Sakhalinsk), 9550(Moscow), 9730(Nikolayevsk), 11750(Moscow) 11750(Luov), 11780(Luov), 12030(Petropavlovsk-Kamchatsky), 12030(Moscow), 12050, 12060, 15140(Petropavlovsk-Kamchatsky), 15155(Dushanbe), 15180(Petropavlovsk-Kamchatsky) 15180(Moscow). Date/time and f/d cds in 31-60ds air, no rp. "Birch Trees", "Old Red Square", "Clock Tower" etc. (OLSON CA)(KLAISEK MO)(McLEAN NY)(TRUMMEL IL)(GEORGE TX) (KERN CA)(SMITH FL)(FISCHER GERMANY)(DURNAVICH IL)(TSUKAMOTO JAPAN)(STREIKER WA) R. Kiev, 11735, f/d City Square cd in 26d air, no rp (STREIKER WA), 15525, f/d Economic Achievements cd in 108d air, no rp (FRASER MA), f/d "Lenin Museum" cd in 90d air, no rp (FISCHER GERMANY), no/data "Great Gate of Kiev" cd in 74d sfc, no rp (KLAISEK MO)
 R. Station Peace and Progress, 15230, f/d Red Picture cd in 19d air, no rp (TSUKAMOTO JAPAN), 15300, f/d "Green Forest" cd in 15d air, no rp (MAISE LA), 21500, f/d "Sketch of Moscow" cd in 34d air, no rp (SEMESKY IN)
 R. Tashkent, 11730, 15460. F/D cds in 29-56ds air, no rp. "Buildings", "Old and New Uzbekistan Architecture", Logo/Map etc. (KLAISEK MO)(DURNAVICH IL)(McLEAN NY)(BINAU MD) (SMITH FL)(HOLBROOK MD)
 R. Vilnius, 11735, 15100, 15525, 17870. F/D cds in 41-110ds air and sfc, no rp. "Kunas Town Hall", orange/white Flower, "Philharmonic Orchestra Bldg" etc. (OLSON CA) (FOURNIER VA)(DURNAVICH IL)(HEYMAN NY)(KLAISEK MO) (Ed. note: Please forgive, 5 R. Moscow reports were accidentally destroyed during cutting, also do not indicate sites on USSR QSLs unless they are designated on your cd.
 VATICAN CITY STATE: R. Vaticana, 6015, 6190, 9605, 11845. F/D cd in 15-56ds air, for 1-2 IRCs no rp. Power Station (FOURNIER VA)(FISCHER GERMANY), Antenna Site (SERSHON IL)(DURNAVICH IL)(MARSHALL AZ), "John Paul 2 cd (KLAISEK MO)
 YUGOSLAVIA: R. Beograd, 9620, f/d Seaside Castle folder cd + pennant in 71d air, no rp (KLAISEK MO)

Africa

ANGOLA: R. Nacional, 3375, f/d EE ltr via registered air in 7 wks. for 2 IRC, v/s Antonio Jose dos S. Ramos de Almeida (LOBDELL MA)
 ASCENSION ISLAND: VOA Relay, 15195, 15195, f/d "3 Scenes" cd in 13d sfc, no rp (KLAISEK MO), 21490, "Satellite Americom" f/d cd in 40d sfc, no rp (HOLBROOK MD)
 BENIN(People's Rep.): ORTB, 4870; f/d "5 Scenes" cd in 55d air, for 2 IRCs (SAVAGE CA), same cd in 55d air, for 1 IRC (AUDETTE MA)
 EGYPT(Arab Rep.): R. Cairo, 9475, 12050, Pyramids cds in 120d sfc, no rp (HOLBROOK MD), 9745, f/d statue cd + map in 180d air, no rp (KLAISEK MO), f/d Pyramids cd in 120d sfc, no rp (KERN CA)
 GABON: Rdif. TV Gabonaise, 4777, date/only Map cd with xmtr. sites in 45d air, for 1 IRC (AUDETTE MA)
 IVORY COAST: Rdif. Ivorienne, 7215, f/d Map with Tower cd in 110d sfc, for 2 IRCs (DURNAVICH IL)
 KENYA: V. of Kenya, 4804, f/d Aerogramme in 51d air, no rp (FACCIOLI URUGUAY)
 LIBERIA: VOA Relay, 15445, f/d Satellite Americom cd in 17d sfc, no rp (AUDETTE MA)
 MADAGASCAR(Democratic Rep.): R. Nederland Relay, 6045, 11730, 15220. F/D cds in 10-34ds air, for 1-2 IRCs no rp. "Amsterdam by Night", "Tom Meyer cd" etc. (KLAISEK MO) (FISCHER GERMANY)(SEMESKY IN)(MOSIER CA)
 NIGERIA: FRC Lagos, 4990, f/d ltr. in 58d air, no rp (AUDETTE MA)
 V. of Nigeria, 7255, f/d green/white Logo cd in 110d air, for 2 IRCs (DURNAVICH IL), 15120, same cd in 120d air, no rp (FISCHER GERMANY)
 RWANDA: Rdif. de la Republique Rwandaise, 3330, no/data QSL sked. cd + ltr. in 58d air, for 1 IRC, rptd. in FF, v/s Christophe Mfizit (SAKIYAMA JAPAN) very good Junichi, most of us can not even hear them. bd
 SEYCHELLES: FEBA, 15325, 15405. No/data Logo Map cds in 27-52ds air and sfc, for 3 IRCs no rp. (TSUKAMOTO JAPAN)(SAVAGE CA)(DOBBINS MD)
 SOUTH AFRICA: RSA, 9585, 9610, 11900, 15155, 15220, 17780, 21535. F/D cds in 14-30ds air, for 1 IRC no rp. "The Holiday City", "Table Mountain", "Joeburg at Night" etc. (CUNNINGHAM CA)(MOSIER CA)(TRUMMEL IL)(ERAMO MA)(KLAISEK MO)(THOMPSON NM)(KERN CA) (TSUKAMOTO JAPAN)(FOURNIER VA)(McCOOL MS) a few pennants were also received bd SABC, 9710, f/d "Industrial Scene" cd in 31d, no rp, also pennant (DOBBINS MD), R. 5. 3250, same cd in 20d air, no rp (DURNAVICH IL)
 SWAZILAND: TWR, f/d "Warrior" cd in 75d air, for 2 IRCs (DURNAVICH IL) freq. was 5055, 7280, same cd in 32d air, no rp (FACCIOLI URUGUAY)
 TOGO: Rdif. TV Togolaise, 5047, f/d Map and Globe cds in 25-103d air and sfc, for 1-2 IRCs no rp (HEYMAN NY)(McLEAN NY)(KNEASKERN NY)(AUDETTE MA)(KOWALSKI WI)(DURNAVICH IL)
 UGANDA: R. Uganda, 15325, f/d Studio Complex cd in 293d air, no rp (QUINN OH), same cd in 229d sfc, for 1 IRC (McLEAN NY)

Asia

AFGHANISTAN: R. Afghanistan, 15075, f/d "Bamyan Buddah" cd in 40d air, for 1 IRC (MCLEAN NY), same cd in 45d air, for 2 IRCs (FISHER MA), same in 39d air, for 1 IRC (HEYMAN NY)

BANGLADESH: R. Bangladesh, 21685, f/d cd with sked. in 197d air, no rp, v/s Mabzulul Hosain (SAKIYAMA JAPAN)

BRUNEI: R. Talivishen Brunei, 7215, date/freq. Map/City cds in 35-80ds air and sfc, for 1-2 IRCs. (DURNAVICH IL)(LOBDELL MA)(WALLACE HI)(LATTEMANN WA)(MAISE LA)(MOORE PA)

CHINA(People's Rep.): R. Peking, 6860, 9820, 15115, 15520, 17680. F/D, date/freq. and date/time cds in 16-150ds air, no rp. (HASKETT IN)(FISCHER GERMANY)(OLSON CA)(KUSALIK ONT)(FRASER MA)(DURNAVICH IL)(TSUKAMOTO JAPAN)

Fujian Front Station, 4840, Foundary Works cd in 19d air, no rp (KUSALIK ONT), 5240, Painted Bridge Scene f/d cd in 21d air, for 1 IRC (LAZARUS LA)

Inner Mongolia, 6840, f/d Bridge cd in 19d air, no rp (CUCURA PA)

People's Broadcasting Station, Harbin, 3340, f/d Bridge cd in 19d air, no rp (KUSALIK ONT)

CYPRUS: CBC, 9695, f/d Goddess cd in 60d air, for 2 IRCs (DURNAVICH IL)

INDIA: AIR, 11620, 15165, 15205. F/D and no/data cds in 35-229ds air and sfc,

for 1-2 IRCs no rp. "Konarak Sculpture", "Herd of Chital" etc. (KLASEK MO)(DURNAVICH IL)(RAY PA)(FOURNIER VA)(FISCHER GERMANY)(HOLBROOK MD)

INDONESIA: RRI Bengkulu, 3265, f/d prep. ltr. in 42d air, for MS,

v/s Adminis BcAn (KUSALIK ONT)

RRI Gorontalo, 3265, f/d ltrs. in 88d air, for MS, v/s

Saleh S. Thalib (KUSALIK ONT)

RRI Kendari, 4000, f/d prep. cd in 31d air, for

MS, v/s Hanafie Umar (KUSALIK ONT)

RRI Palangka Raya, 3325, f/d prep. cd

+ station cd in 46d air, for MS, v/s

Nagib Suparman, B. A. (KUSALIK ONT)

RRI Palanaka Raya, Kalimantan Tengah, 3326, f/d

prep. cd in 228d air, for MS (KUSALIK ONT)

RRI Pekanbaru, 5885, no/data Indo./EE ltr. veri. in

35d air, for MS, v/s Azil Azwar (LAXARUS LA)

RRI Semarang, 3935, f/d veri. ltr. in 37d air, for MS,

v/s Mardannon Kepala, Tehnik (KUSALIK ONT)

RRI Ternate, 3345, Indo. veri. ltr. in 25d air, for 1 IRC

(LAZARUS LA)

V. of Indonesia, 15200, f/d "Karapan Sadi" cd + pennant in 44d

air, no rp (KLASEK MO), 17790, f/d "Bull Races" cd in 27d air, no

rp (LOREN CA)

IRAN(Islamic Rep.): V. of Islamic Iran, 9022, f/d green/gold cd in 90d air,

no rp (FISCHER GERMANY), 15084, f/d "NIRT Broadcasting Centre" cd in 68d

air, no rp (SAVAGE CA)

IRAQ: R. Baghdad International, 9745, 11935. F/D cds in 67-158d air and sfc, no

rp. Map cds + pennants (KLASEK MO)(DOBBINS MD), just cds (FOURNIER VA)(MCLEAN NY)

ISRAEL: IBA, 9009, 9425, 11655, 17645, 21495, 21500, 21777. F/D cds in 35-68ds air,

for 1-2 IRCs no rp. "Flags of Israel", "Folkdancing" etc. (MCCOOL MS)(MUNSTER CA)

(TSUKAMOTO JAPAN)(YAJKO PA)(TRUMMEL IL)(FRASER MA)(SEMESKY IN)

JAPAN: R. Japan, 9505, 15270, 15310, 17755, 17825. F/D and date/freq. cds in 14-40ds air

no rp. "WaterLilies", "Straw Horse" etc. (MCCOOL MS)(KLASEK MO)(SMITH FL)(LOREN CA)

(OLSON CA)(DURNAVICH IL)

NSB, 6055, 9595. F/D cds in 45-49ds air, for 1 IRC no rp. Japanese Doll, SWR Cartoon

etc. (LOREN CA)(WITTE CA)(WALLACE HI)

KOREA(Democratic Rep.): R. Pyongyang, 6540, f/d Drama Scene cd in 45d air, no rp

(TSUKAMOTO JAPAN)

KOREA(Rep.): R. Korea, 6165, 7550, 9720, 11830, 15255. F/D cds, some with pennants, in

11-45ds air and sfc, for 1 IRC no rp. "Winter Scene", Stamp cd. etc. (PROOM ENGLAND)

(KLASEK MO)(DURNAVICH IL)(TSUKAMOTO JAPAN)(OLSON CA)(DOBBINS MD)(LOREN CA)

MALAYSIA: V. of Malaysia, 15295, Globe and Antenna cd in 140d sfc, for 2 IRCs (DURNAVICH

IL), Green Sura Malaysia cd in 14d air, no rp (KUSALIK ONT) both received pennants

R. Malaysia Sarawak, 4950, f/d "Broadcasting House" cd in 14d air, no rp (FORBES TX),

same cd in 17d air, for 2 IRCs (MOSIER CA)

MONGOLIA: R. Ulan Bator, 12070, time/freq. Blue/Red/Gold folder cd in 85d air, no rp

(KLASEK MO)

OMAN(Sultanate): R. Oman, 11890, f/d "View of Al-Kamil Fortress" cd in 68d air, for

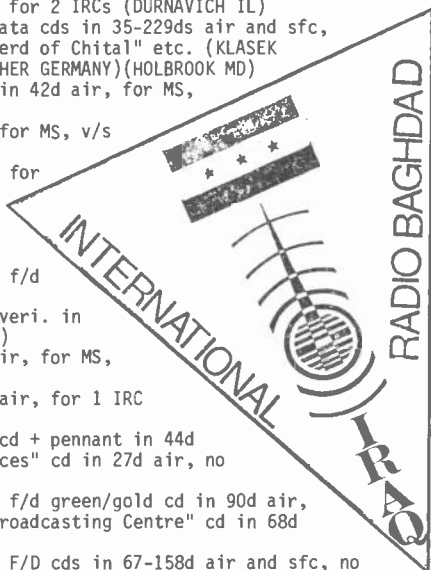
3 IRCs (DONLY SC)

PHILIPPINES: FEBC, 11765, 15440, 15450. F/D cds in 16-150d air and sfc, for 2 IRCs no

rp. (TSUKAMOTO JAPAN)(LOREN CA)(KERN CA)(SEMESKY IN)(KLASEK MO)

R. Veritas Asia, 9590, 11805, 11955, 15135. F/D cds in 23-65ds air, for MS, 1 IRC no

rp. (DURNAVICH IL)(FORSMAN CA)(FACCIOLI URUGUAY)(SAVAGE CA)(TSUKAMOTO JAPAN)



SAUDI ARABIA: BSKSA, 15060, f/d Logo cd + post cd in 68d air registd. for 2 IRCs (HENSLEY TX)
 SINGAPORE: R. Singapore, 9635, f/d "Singapore by Night" cd in 115d sfc, for 2 IRCs (LOBDELL MA), 11940, same cd in 35d air, for 2 IRCs (MOSIER CA), same cd in 110d air, for 1 IRC (WITTE CA)
 SRI LANKA: SLBC, 11835, f/d "Jeweled Girl" cd in 46d, for 1 IRC (DOBBINS MD)
 TAIWAN: VOFC, 9600, 11745, 15425, 17890. F/D cds in 18-96ds air, for 1 IRC no rp. "Horse Painting" etc. (TSUKAMOTO JAPAN), following + pennants (FISCHER GERMANY) (DOBBINS MD)(DURNAVICH IL)(KLASEK MO)
 THAILAND: R. Thailand, 9655, f/d "Thai Dancer" cd with personal ltr. veri. in 60d air, for IRCs, MS, used stamps, v/s Ramyong Sakornpan (KUSALIK ONT) Great! Ed. bd
 TURKEY: V. of Turkey, 9515, 11955. F/D cds in 26-88ds air, for 1-2 IRCs no rp. "Turkish Humor", "Fortress" etc. (SERSHON IL)(BINAU MD)(CUCURA PA)(BYRON NY)(FISCHER GERMANY) (KLASEK MO)(SEMESKY IN)(KNEASKERN NY)
 VIETNAM(Socialist Rep.): V. of Vietnam, 15012, f/d form ltr. + pennant in 74d air, no rp (KLASEK MO)

Oceania

AUSTRALIA: ABC, VL16, 6090 (CUCURA PA)(WALLACE HI), VLW9, 9610 (BROWN IL)(SEMESKY IN) R. Australia, 6045, 9580, 9670, 9770, 11880, 11940, 21525, 21740. (SMITH FL)(WILLIS PA)(MELLINGER NJ)(KLASEK MO)(KNEASKERN NY)(TSUKAMOTO JAPAN)(YAJKO PA)(TRUMMEL IL) (McCOOL MS)(DURNAVICH IL)(BEEMAN OH)(MOSIER CA)(THOMPSON NM)
 COOK ISLANDS: f/d Logo Shell cds in 21-133ds air and sfc, for 2 MS and 1-3 IRCs. freq. 5045 (OAKLEY OR)(WALLACE HI)(KUSALIK ONT)
 GUAM: TWR KTWR, 11840, f/d "Palm Trees" cd in 22d, for MS (DOBBINS MD) same cd in 31d sfc, for MS (OLSON CA)

PAPUA NEW GUINEA: NBC, 4890, f/d Map cds in 20-26ds air and sfc, for 2-3 IRCs no rp. (McCOOL MS)(TRUMMEL IL) (TSUKAMOTO JAPAN) Radio Central District, 3290, NBC cd from Boroko in 28d air, for MS (KUSALIK ONT) R. East New Britain, 3385, f/d Map cd in 120 d air, for 3 IRCs (DURNAVICH IL), R. New Ireland, 2428, f/d map cd in 35d air, for 2 IRCs (CUCURA PA) R. East Sepik, 3335, f/d Map cd in 127d, for 3 IRCs (OAKLEY OR), same cd in 44d air, for 1 IRC (MOORE PA), R. Eastern Highlands, 2410, Map cd via Boroko in 28d air, for 2 IRCs (KUSALIK ONT), R. Madang, 3260, f/d Map cd from Madang in 31d, for 2 IRCs, v/s J. K. Koniel (LOBDELL MA), R. Manus, 3905, f/d Map cd in 28d, for 2 IRCs (LAZARUS LA), R. New Ireland, 2428, date/freq. ltr. on NBC ltrhead. in 48d sfc, for 2 IRCs (FORSMAN CA), R. New Ireland Kavieng, 2428, personal ltr. with veri. statement in 28d air, for MS, v/s Otto Malatana (KUSALIK ONT), R. North Solomons, 3322.5, f/d personal ltr. from Kieta in 21d, for 2 IRCs, v/s Aloysius Sahoto (LOBDELL MA), R. Western Highlands Mount Hagen, 2450, f/d Map cd via Boroko in 28d air, for 2 MS (KUSALIK ONT)
 NEW ZEALAND: R. New Zealand, 15280, 15345, 17860. F/D cds in 12-62d air, for 2-3 IRCs no rp. Snow Covered Mountains, "Rugby Match", "Hot Springs" etc.(DOBBINS MD)(KLASEK MO)(KNEASKERN NY)(STREIKER WA)(BINAU MD)(BROWN IL)
 SOLOMON ISLANDS: SIBC, 5020, f/d black/white Logo cd in 70d air, for 2 IRCs (DURNAVICH IL), same cd in 36d air, for 2 IRCs (CUCURA PA), same cd in 31d air, for 2 IRCs (KUSALIK ONT)



Confirming your reception report of this station.
 Freq: 5045 kHz
 Date: 28. 5. 79
 Time: 0535 AMT.
 Pwr: 500 w.

Many thanks and best wishes.

COOK ISLANDS BROADCASTING AND NEWSPAPER CORPORATION

South America

ARGENTINA: RAE, 9690, f/d blue/white Logo cd in 42d air, no rp (KLASEK MO), same cd in 102d air, no rp (LATTEMANN WA), International Year of the Child cd + pennant in 32d air, for 1IRC (OLSON CA), 11710, Logo cd in 36d air, for 1 IRC (STREIKER WA) R. Belgrano, 11780, f/d "Soccer" cd in 79d air, no rp (KLASEK MO) R. El Mundo, 6120, date/only blue cd in 7 wks.air, for MS, v/s Jefe de Relaciones Publicas y Prensa (LOBDELL MA) R. Rivadavia, 5882, f/d cd + sticker in 6 wks. air, for 2 IRCs, SS rpt. v/s Jorge Falcone (LOBDELL MA), blue/white Logo cd in 51d, no rp (KLASEK MO)

.. If you build your house on a crack in the earth, it's your own fault ..

Tips and Topics

The Feature Section of SPEEDX

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

THE CLIFF DWELLING DXER

by Steve Kennedy

Fortunate indeed is the DXer who lives in a house located in a quiet area with a large lot to erect several antennas. However, there are many of us in this hobby who reside in apartments. Over the last five years this writer has lived in almost every dwelling possible, and through much trial-and-error have devised a few good tricks to make the hobby enjoyable. . . despite the restrictions imposed often on the cliff dwelling DXer.

ANTENNAS: It doesn't matter what type of receiver you own, the most important element in any DX setup is the antenna. If you should live in an apartment building, check with the landlord or apartment manager about restrictions on outside antennas. In many apartment buildings, the only antenna which the building will permit is the already existing master TV antenna, and many lease clauses will not permit outdoor antennas for individual apartments. A great many landlords take a dim view of having what would be envisioned as a monster CB antenna on the roof! Be diplomatic and explain what you wish to erect as an antenna. Be sure to explain that you are a listener, and your equipment will in no way interfere with TV sets within the building. With this in mind, some landlords will permit a small outdoor antenna.

If there are no restrictions on having a small antenna on a balcony, then by all means try some sort of simple whip antenna with an antenna tuner. There are several ways of putting up a simple balcony antenna, and we will not elaborate here.

If you cannot erect an outdoor antenna, then it is time to do a little planning and experimentation to find a good indoor antenna. First off, locate your equipment near an outside wall of the apartment. Many apartment buildings are built of concrete and steel, and this will absorb some of the signal as it arrives to your radio. In the case of an indoor antenna, you will need every precious microvolt of signal you can get!

There are several antennas which will work fairly well as indoor RF sniffers. One type I have found quite successful is a "Helicoil" antenna. I was using one of these several years before it was described about two years ago in the DX/SWL press. . . having gotten the idea from an old ham radio magazine in 1970. This particular antenna is small in size, and can be hid in the closet or under a bed. Performance wise it is amazing considering the size.

To build the Helicoil, obtain a 48" section of 4" PVC pipe, 100 feet of #22 insulated wire, and RG-174/U coax at any length needed. To make the antenna proper, wind the wire on the PVC tube as you would wind a coil. Space every turn approximately $\frac{1}{2}$ ". This may be the hard part, so take your time and wind carefully. Be sure the wire is wound tightly, and evenly. When done with the winding, give the whole works two coats of varnish. Be sure to leave about 6" of wire free at one end to connect to coax cable.

To connect the coax, strip back about 2" of insulation on the outer jacket, carefully cut off the shiny braid wire which is around the center conductor of the wire. All you will have left is the center conductor exposed to connect to the antenna. Do this to both ends of the cable. You should note that the braided shield is not really connected to the antenna or receiver. It is there to act as an electrostatic shield to reduce noise to some extent. If the shield were to be connected to the receiver chassis, a bad mismatch will occur, and performance will be very poor.

The Helicoil antenna as described is equal to a 60 meter $\frac{1}{4}$ wave antenna. . . and it works well on the 60 meter band. Coverage frequency-wise is the 60 to the 10 meter bands. It is a poor antenna on the lower frequency bands, and shortly we will discuss how to get these bands also.

One of the simplest antennas which could be used in an apartment, looks appealing to the eye, and is unobtrusive is a simple rod made like a pole lamp. . . Some readers may be familiar with the "Joystick" antenna. This type of antenna is a simple rod which is approximately 8' long and is supported by pressing it against the ceiling and floor.

If you wish to try one, purchase 2-5 or 6' sections of aluminum tubing - one section just large enough to slide the other section inside so it can be adjusted to the height of your ceiling. Mount it as near an outside wall as possible, and keep the element from making any contact with any other metal. If you have a concrete or tarazzo floor, put a rubber tip like those on chairs to insulate it from the floor and ceiling. Connect a single lead wire from the rod at the bottom of your receiver. . .this lead is part of the antenna. For maximum performance, use an antenna tuner to match it to your receiving equipment.

For the lower frequencies, the new ferrite antennas are probably the best type of antenna available. For the small amount of space they use, one of these little gems are hard to beat for the cliff dwelling SWL/DXer. The ferrite antennas made by Radio West and Palomar are capable of tuning .15 all the way to 5.0 MHz by changing coils. I use a Radio West model and it is as hot as a pistol!

ACCESSORIES: An indoor antenna is at best a compromise. Generally, there is a loss of about 2 or 3 S-units when using an indoor antenna over an outdoor antenna. Many of the newer breed of solid state receivers have enough sensitivity to live on small antennas, and often a large one will overload the set quite easily. However, if the signal is quite weak, a receiver preselector may be needed. At times a simple antenna tuner may do the trick. A wise choice would be to have both types handy to take care of any lack of sensitivity. When using this type of setup, be careful to use coax line to prevent stray RF pickup which could cause the preselector or preamp to go into self oscillation. Be careful and place the antenna far enough away to avoid this problem. . .about 6-8' away from the receiver.

Many times, an apartment is much smaller in area than a small house. . .and there isn't any possibility of having a room to devote entirely for a DX Den. Your wife or mother may not like the idea of having the living room made into a shack for your DX equipment. In most cases the equipment ends up in a bedroom, and the space for it must be shared with more domestic surroundings. By all means locate the DX equipment away from the living room area. . .especially that 23" color TV! Your family may not take too kindly to listening to growls, hets, squeals, teletype noises, and CW while trying to watch TV. The best place is a quiet corner in a quiet room. If you are those who live in a tiny 1 bedroom apartment, you can move the TV into the bedroom, or, if you can spare the space, set it up in the dining room for those late night DX sessions. . .and let your spouse sleep. . .don't forget the headphones! This writer has the majority of his DX equipment in the bedroom for listening during the day while the wife is at work. At night, I take a portable receiver and small cassette recorder and set up shop at the dining room table.

If you can find that quiet corner away from it all. but space is at a premium. . .use your imagination. I have seen many DX shacks set up in a corner in a space occupied by a simple desk and shelves. There are available small space saver desks which are about 44" wide and 22" deep with 2 large drawers. These make nice DX desks in tight quarters. If you are handy with tools, you can make a simple shelf to raise your receivers up off the desk's surface, and provide space for your clock, tape recorder, preselector, and other goodies.

One of the handiest tools for any DX/SWL shack is a tape recorder. If space is at a premium, and you have not yet purchased a tape machine, I strongly recommend buying a cassette type machine. I use a stereo type deck which can play any type of tape. The nice thing about a stereo deck is the capability of recording separate receivers at the same time. If you are familiar with diversity reception, this is the ideal tool. Another nice feature is that cassettes are small, and require about one-fourth the space of comparable reel type recorder.

PRECAUTION: One of the most difficult problems the cliff dwelling DXer has to contend with is noise. By all means locate your equipment and antennas near an outside wall. Try several locations for the best signal. A move of antenna location may mean the difference of 2 or 3 S-units! Stay well enough away from TV sets because the horizontal oscillator in the set will radiate harmonics every 15.75 kHz all over the dial. This can be a serious problem in a multifamily apartment building. . .and can raise havoc on the low bands. It may be necessary to use battery operated equipment to overcome this problem to some degree. Check out every source of noise in your apartment, and fix it if possible.

THE NRD-505 VS THE FRG-7

by Traver Smith

While in Japan I bought Japan Radio Corporation's NRD-505 receiver. Since returning home I've had a few evenings to operate it and compare it with my FRG-7.

I got interested in shortwave about the time the FRG-7 was first introduced to the US and I bought an early model. I was disappointed to find that I couldn't read station frequencies very accurately. Ralph Sanserino, a former SPEEDX technical editor, was extremely helpful. He told me how to modify the dial to reduce parallax, add fine tuning, correct some circuit errors, install ceramic filters, put in a crystal calibrator, and finally he installed digital readout. In addition, I installed a switchable 2.9 kHz Collins mechanical filter with the help of Grant Manning of Radio West. Those changes made it a pretty respectable receiver and I've come to love it.

With the mechanical filter, the FRG-7 selectivity is about plus or minus 2 kHz off center frequency. The set gives a louder signal with the mechanical filter, but the wider bandwidth of the ceramic filter improves signal quality, unless there are interfering signals, of course. With the digital readout I can measure frequencies within plus or minus one kHz.

However, within the short time I've used it, I can see that the NRD-505 is a considerable advancement over the FRG-7 (as it should be). Selectivity is excellent. In the "AM Wide" position, a strong station like BBC Antigua will span about plus or minus 4 kHz off center frequency. However, two stations 5 kHz apart do not seem to overlap. In the "AM-Narrow" position, the same BBC station spans about plus or minus 2 kHz off center frequency, about the same as the FRG-7 with the mechanical filter. Signal quality is better in the wide position.

The analog VFO dial has a wide spread. It's one kHz markings are about the same spacing as the 10 kHz markings on the FRG-7 and it seems to be very accurate. The digital display reads to 0.1 kHz.

As an option I bought and installed the "CW-Narrow" 0.6 kHz mechanical filter, not because I'm interested in CW, but because I wanted to quickly and precisely measure the frequency of a received signal. It does that to plus or minus 0.1 kHz accuracy. In use, it reminds me of zero-beating with a crystal calibrator.

The first thing I heard on the new NRD-505 was an OM speaking an unknown language on a frequency that I measured as accurately as I could at 15084.0 kHz. With disappointment I thought the receiver was probably inaccurate by 1 kHz, but hopefully, the station was 1 kHz off frequency. So I looked it up in WRTH and was delighted to find I had Kalamabad, Iran, listed as 15084 kHz!

I also have the "Memory Option" on the NRD-505, which is 4 electronically set push buttons. Frankly I regarded push button tuning as being rather useless on shortwave, so I'm pleased to find that it's very useful for DXing. To hold any station in memory, it is only necessary to push a button. When the station is recalled, the frequency is digitally displayed.

When DXing, I am often impatiently listening to a musical program or a long dialogue in a language I cannot understand while waiting to get an ID. Now I can put that station in memory and continue my dial search, checking back from time to time to hear if the unknown station is about to give an ID. There is even a provision for fine tuning the stations held in the memory. The memory will hold 4 stations, so this multiplies my DXing capability 4 times.

Another fine feature is the automatic preselection, which eliminates the "double tuning" of the FRG-7. Besides saving time, this feature assures maximum gain at all dial positions. This receiver also includes a "Noise Blanker" (a suppressor for man made interference) that really works. The FRG-7 has a similar feature (ANL) but on my set at least, it never has been of much help in suppressing interference.

The NRD-505 is a very satisfying receiver and I'll be doing most of my DXing on it for some time. However, I have put so much effort and devotion into my modified and re-modified FRG-7 that I'll keep it and use it too. By the way, the FRG-7 operates on dry cells and the NRD-505 doesn't.

THE DX-300 - A NON-TECHNICAL REVIEW

by Mike Nikolich

A general-coverage, digital read-out communications receiver priced under \$400.00? When I heard about Radio Shack's DX-300, I was somewhat skeptical. Sure, Radio Shack had had considerable success with the DX-150 and its modified versions, but were they ready to produce a receiver that could come close to being that "dream receiver"?

After trying out the DX-300, I must say, "yes." Sure, the first DX-300s had problems, but if you are lucky enough to get a de-bugged model, you should be happy with it. For \$380.00, the DX-300 is a real bargain.

For the uninformed, here are some specs on the set:

FREQUENCY COVERAGE: 10-30,000 kHz
RECEIVING SYSTEM: Quartz controlled synthesizer, triple- conversion.
PRESELECTOR BANDS: 10-150 kHz, 150-500 kHz, 500-1,600 kHz, 1,600-4,500 kHz,
4,500-12,000 kHz, and 12,000-30,000 kHz.
FREQUENCY DISPLAY: Digital read-out in five 7-segment LEDs.
SENSITIVITY: AM - 100 kHz 20 microvolts
300 kHz 2 microvolts
900 kHz 1 microvolt
3,100 kHz-30,000 kHz 0.5 microvolts
SSB - 100 kHz 10 microvolts
300 kHz 1 microvolt
900 kHz 0.5 microvolt
3,100-30,000 kHz 0.3 microvolts
IMAGE RATIO: 100 kHz-900 kHz/80 dB
3,100+ kHz/70 dB
SELECTIVITY: plus or minus 3 kHz/-6 dB plus or minus 10 kHz/70 dB
FREQUENCY STABILITY: Within one kHz per hour after 60 minutes warm-up. Within
two kHz during 10 minutes after initial warm-up.
DIMENSIONS: 6x14 $\frac{1}{2}$ x10" H/W/D
WEIGHT: 13 1/5 pounds.

I tried the DX-300 in tandem with my Drake SPR-4. Both receivers used a 78 foot external end-fed antenna. Here's what I heard:

	<u>TIME</u>	<u>FREQ.</u>	<u>SIO/DX-300</u>	<u>SIO/SPR-4</u>
LV de las Galapagos	0322	4810	33223	43323
SRS, Surinam	0328	4850	33223	44333
R. Clube de Para, Braz.	0340	4855	34222	34222
Voice of Kenya	0346	4915	13221	23221
R. Chortis, Guate.	0350	3380	34333	34333
R. Australia	0428	17870	not heard	33333
CKFX, Vancouver	1000	6080	34322	44322
R. Occidente, Venez.	1010	3220	33333	43333
V. Kampuchean People	1212	9693	not heard	12321

Most of the stations heard on the Drake were also noted on the DX-300. Notice that all the stations (except for two) were slightly lower in signal strength. That is not too bad, if you consider the \$300.00 price difference between the two receivers. It is significant, however, that some stations could be heard on the Drake and not on the DX-300. What puzzled me the most, was Radio Australia on 17870 kHz. The only station I could hear on the DX-300 was the Voice of America. Something might have been wrong with the model I used. Sensitivity and selectivity seemed worse on frequencies above 11,000 kHz. On the lower frequencies, they were as good as the Drake.

STRENGTHS: The digital read-out is beautiful. When you set the dial to 10,000 kHz, WWV should be there. A built-in speaker comes with the DX-300, and it's fantastic. The tonal quality was superior to my Drake's. You can easily DX without using headphones when you use the DX-300 (this is difficult with the Drake.) Signal separation was excellent. CKFX was clear from Deutsche Welle on 6085 kHz, even though CKFX is only 10 watts!

FAULTS: Nobody said it was perfect! I found the attenuator control worthless, and the audio switch didn't seem to help much. The SSB worked well, but seemed quite sensitive to work with. Perhaps after more practice, the SSB would be easier to work. I noticed an oscillating tone on 4970 kHz. That made DXing on 4970 kHz worthless. On the high end of many bands (25, 19, and 16,) the receiver seemed to lose selectivity and sensitivity. Tuning frequencies on the DX-300 can be a chore. In essence, you must tune four different controls to hear a station clearly (the preselector, fine tune, MHz knob, and the kHz knob.) By the very nature of the DX-300's tuning system, you cannot "scan-DX", since you must constantly peak the frequency. By playing with the fine tuning knob, you could actually change the frequency read-out by as much as 2 kHz. Finally, I noticed a slight, but annoying, AC hum. It wasn't loud enough to affect serious DX but it could be bothersome.

Don't let my list of faults scare you away. I'm impressed with the DX-300 enough to buy one. The digital read-out and the decent selectivity is outstanding for a receiver in the \$400.00 price range. While tuning a shelf model at a Radio Shack (with an external antenna, I was able to clearly hear SODRE/Uruguay at 2330 GMT, in English on 11885 kHz. Even though Spain was on 11880 kHz, I had no trouble separating the two stations. What the receiver lacks, can probably be modified. One word of caution: CHECK OUT YOUR RECEIVER AT THE RADIO SHACK BEFORE YOU BUY IT!!! As long as your set is devoid of bugs, you'll be surprised. The DX-300 is a fine buy for \$380.00.

THE DX-300 SAGA - EPILOGUE

by Larry Cunningham

In the June, 1979 issue of FRENEX was published an article of mine regarding my experiences with the Radio Shack DX-300 shortwave receiver. At the time that article was written, I was in possession of a functioning DX-300, after having gone through four previous samples which all had serious problems. In that article, I gave a mini-review of the receiver which, in general, gave a positive view of the DX-300.

In the ensuing months, I have gained considerably more experience with the radio, and more awareness of the problems with the set.

To bring the reader up to date -

In March of this year I finally obtained a DX-300 which did not exhibit the "free-running oscillator" first IF stage frequency readout problems encountered previously. Based principally on my experiences DXing the tropical bands, I was generally satisfied with the receiver's performance. However, in late summer I began concentrating more on the international bands (the 49 meter band and above). At about the same time, I resumed using my DX-160 as a back-up receiver, which had been pretty much ignored since my purchase of the DX-300.

It was then that I discovered the problems which remained with the DX-300 receiver. I had previously noted a tendency of the set to overload on the international bands. Particularly strong stations within the band (for example, Radio Canada International, in my area) not only appeared at their actual frequencies, but pretty much throughout that band as well. When I attempted to dig out a weak station in the band, what I generally heard was spurious signals from strong stations elsewhere in the band. In addition, when I did manage to log a weak station, the audio was almost always distorted because of these weak but annoying spurious signals.

This problem was dramatically brought home by tuning in the same weak station with both my DX-300 and my DX-160. My shack set-up allows me to make direct "A-B" comparisons between two sets using the same pair of headphones. When I tuned to the same weak station using both radios, and peaked each radio separately for that station, the results were depressing indeed! In the tropical bands (below the 49 meter band), the DX-300 did generally outperform the old DX-160. However, in the international bands, in almost every case the station came through clearer and with less audio distortion with the DX-160 than with the DX-300. Almost always, spurious signals degraded the tuned station's signal on the DX-300/

So, in late September, I once again took the DX-300 back to the shop. Rather than attempt to repair this sample, the Radio Shack manager gave me a brand new, "corrected and modified" sample. When I ran this (my sixth!) sample through the same comparative tests, exactly the same problems were found. In addition, for some reason, the frequency readout was off by a constant 2 kHz (approximately) in this sample!

"That's all I can stand, I can't stand no more!" Popeye once said. On October 20, I returned this last sample to Radio Shack and obtained a refund. (Because I had purchased the original radio using my Master Charge, I was given a Master Charge credit slip.)

After I returned the DX-300, I ordered a modified Yaesu FRG-7000 from Radio West. I am currently anxiously awaiting the arrival of this new set.

As a result of the experiences outlined above, I can no longer recommend the Radio Shack DX-300 receiver. It is obvious to me that, although Radio Shack has solved the initial severe problem with frequency tracking, the DX-300 still has other basic design problems which must be resolved.

I encourage other owners and past owners of the DX-300 to write me or, even better, write articles to their respective shortwave associations, about their experiences with the radio, whether these experiences be positive or negative. Because of my own history concerning the DX-300, I am most interested in learning whether my experiences are unique, or whether others share my views.

P.S. A warning to others who may decide to obtain a refund for their DX-300: Whether you paid cash for the radio or used a charge card, the actual refund may not be quick in coming. Even though I obtained a credit slip for Master Charge immediately, the Radio Shack manager has not yet (a week later) submitted that credit slip to the bank for processing. This means that the credit may not be added to my Master Charge account for quite some time, and therefore I won't be able to use the actual money until then.

Tidbits

BBC CUT: At the end of October, came word about what exactly will be cut from the BBC's external service. According to the Thatcher government, most cuts will be from the European service. Foreign language broadcasts to France, Italy, Greece, Turkey, Spain,

Malta and Burma will be discontinued. This will result in an estimated loss of five million listeners. However, services to developing countries and those without free access to the West will be preserved as well as the renowned World Service in English.

VOA JAMMED AGAIN: According to an article in the September 6th Washington Post, Soviet authorities barred the VOA from covering the Second Moscow International Book Fair. The Soviet Government effectively barred the VOA by refusing to issue a visa to Ludmilla Foster, editor of the VOA's Russian service weekly program "The World of Books."

HEAD OF VOA RESIGNS: According to an October 15th Time magazine article, R. Peter Straus has resigned as director of the VOA. His stated reason was "incompatibility with the White House."

AWR NEWS: Adventist World Radio sends word that they plan to add programs in Bengali, Swahili, Malay, and Nepali over their Asian service. However, a tentative proposal for an AWR transmitter site in Liberia has not been approved by the Liberian government. AWR is now seeking an alternative site. (From Robert Zilmer)

ISRAEL POSPONES NEW NORTH AMERICAN EVENING SERVICE: Ku'l Yisrael announced at the end of October that they have postponed indefinitely their plan for the creation of an evening service to North America in English and several other languages. (Direct).

SWEDEN AUDIENCE CARD: Like Radio Finland, Radio Sweden is now issuing an audience card. The card is a blank QSL with an audience response questionnaire attached. What the listener should do is fill in the QSL part and questionnaire part of the card and send it to Radio Sweden. In return, R. Sweden will verify the QSL part of the card and return it to the listener. (Direct)

RADIO NEDERLAND DX INFORMATION SERVICE CATALOGUE: I'm sure most of you have heard of and/or used this service of Radio Nederland. For those of you who haven't, here is their list of items. *Technical data sheets.

Antenna Construction booklet
Transistorized Shortwave Converter*
Selectivity Improvement*
Q-multiplier*
Crystal Calibrator*
Product Detector*
Antenna Tuner*
BC-221 Frequency Meter*
Balun*
Radio Interference Suppression*
This is DXing
English-Spanish DX Vocabulary
Frequency to Wavelength Conversion
Etched Circuits (PC Boards)

Coils
Circuit Adjustment
Long-wire antennas
HAP
SW Buyer's Guide
All Round DX'er's Course
DX Antenna Course
Shortwave Propagation Course
Radio Components Course
Radio Spectrum Course
DX Receiver Course
Transistor Course

Write to: Radio Nederland, P.O. Box 222, 1200 JG Hilversum, "The Netherlands" for further information. (Brian Taussig)

POPULAR MECHANICS: An article about several popular shortwave receivers and DXing in general written by Harry Helms appeared in the October Popular Mechanics. In it, the author kindly mentioned SPEEDX.

CONTRIBUTIONS: Articles on receivers, antennas, accessories, radio stations and the hobby in general are being actively solicited by this editor. All I ask is that all articles be typed double spaced on 8½ x 11 inch paper. If you do not have access to a typewriter, please print the article as neatly as possible. Thank you.

SASE: If you want a reply to a question or confirmation that I have received an article from you, please be so kind as to enclose a self-addressed stamped envelop. Thank you.

HOLIDAY GREETINGS: This is the last holiday season we will be celebrating in the decade of the 1970's. These last ten years have been exciting years for SWLing. For me, personally, these ten years have been rewarding in other ways. For eight of these last ten years, I have been an editor in two major clubs and have gotten to know many of you - either personally or by correspondence. I wish I could send a card to every one of you, but I just can't. So, instead of a card, I wish all of you a very Merry Christmas and a Happy New Year. And to my Jewish friends, a very Happy Hanukkah. And may the 1980's bring nothing but happiness to all of you.

73's, Arthur J. Mitchell

DECEMBER CONTRIBUTORS

Each name is preceded by a number, indicating how many SPEEDX columns you contributed to this month. An * preceding a number indicates credits given for the previous month. PLEASE NOTE: Credits other than SWBC/QSL/UTE/SKEDS are NOT listed here, they are recorded in the permanent file of the member and added to their total. Inquiries regarding credit totals should be sent to Vera M. Crable, 5114 N. 17th St. Coeur d'Alene, Idaho USA.....PLEASE enclose a SASE for a SPEEDY reply.



MERRIE CHRISTMAS and HAPPY NEW YEAR TO ALL THE SPEEDX FAMILY



<p>4 ALEXANDER, BRIAN PA....RF-4900</p> <p>4 AUDETTE, DAVID MA....DX-300</p> <p>2 BARR, JOSE CA..... ?</p> <p>*2 BEAUREGARD, DENIS QUE....FRG-7</p> <p>5 BEEMAN, WILLIAM OH....RF-2800</p> <p>*1 BENJAMIN, LORENZO CA....SX-190</p> <p>1 BINAU, NAN MD....RF-2900</p> <p>4 BLAIZE, SANDY LA..EDY 830-7</p> <p>1 BLOM, GORDON NY.....DX-160</p> <p>4 BOEHM, JAMES TX.....R-4C</p> <p>3 BRATLIE, ALLEN MN....DX-160</p> <p>3 BREWER, PAUL TN.....DX-40</p> <p>*1 BROOKWELL, LARRY CA....DX-300</p> <p>1 BROWN, CLIF IL.....FRG-7</p> <p>*2 BROWN, NATHAN IL..ICF-5900W</p> <p>*2 BUHAGAIR, TONY ONT....SX-190</p> <p>*5 BYRON, LESLIE NY.....PTL-9</p> <p>3 CALVER, STEVE ENG....FRG-7000</p> <p>1 CARRIER, DAN VA.....FRG-7</p> <p>1 CARROLL, WESLEY LA.....DX-300</p> <p>1 CATEY, ROBERT IL SX-133</p> <p>1 CEREGHIN, JOHN MD.....AR-2</p> <p>1 CHABAK, MICHAEL AZ.....HQ-180</p> <p>1 CHINSKY, MARK NY....RF-2800</p> <p>3 COLEMAN, ROBERT MA....FRG-7</p> <p>1 COLLINS, JAN OR.....SPR-4</p> <p>2 COMPTON, KEN MA....DX-150A</p> <p>3 CONNELL, CHARLES CA....CRF-320</p> <p>1 CONSTANTINIDES C.S AFR.....XCR-30</p> <p>1 CONWAY, PETER MALAWI....51-J4</p> <p>3 COOK, DAVID CA.....FRG-7</p> <p>2 COOMLER, BOB CA.....FRG-7</p> <p>1 COSSABOON, WALTER NWT....DX-160</p> <p>4 CROSBY, CHRIS NJ.....FRG-7</p> <p>4 CUCURA, VLADIMIR PA....FRG-7000</p> <p>2 CUNNINGHAM, KEN CA....DX-160</p> <p>3 CUNNINGHAM, LARRY OH....DX-300</p> <p>2 CURTIS, FREDDY TN....RF-2800</p> <p>1 DALRYMPLE, MURRAY AUS.....?</p> <p>3 DAVENPORT, BILL TN....DX-160</p> <p>1 DEVENDORF, J.C. CA....SPR-4</p> <p>3 DILK, JOHN NJ....DX-160</p> <p>3 DOBBINS, CHARLES MD....DX-160</p> <p>5 DONLY, BOB SC..EDY-830-2</p> <p>4 DUNN, DUNCAN CA....FRG-7</p> <p>4 DURAN, RICHARD NJ....DX-300</p> <p>3 DURNAVICH, CARL IL...RF-2800</p> <p>3 EARHART, KEN PA....SX-190</p> <p>*3 ERAMO, MARK MA....RF-2200</p> <p>2 EWING, DAVID IL....FRG-7</p> <p>2 FALLOWS, JOHN ONT..ICF-6700W</p> <p>2 FISCHER, MIKE GER....RF-2900</p> <p>2 FISHER, JOHN MA....GPR-90</p> <p>1 FITZGERALD, JOHN RI.....R-300</p> <p>4 FORBES, LEWIS TX.....FRG-7</p> <p>3 FORRESTER, BOB OKI....FRG-7</p> <p>3 FORSMAN, STAN CA.....R-392</p> <p>2 FOURNIER, EDWARD VA...FRG-7000</p> <p>4 FRASER, ROBERT MA....XCR-30</p> <p>1 FRENCH, ROBERT MD.....S-108</p>	<p>*6 GAEDE, ALLAN CA.....R-390</p> <p>1 GEORGE, CHARLES TX.....SSR-1</p> <p>1 GILBERT, WILLIAM NY.....R-390</p> <p>1 GREENWOOD, MAX PA....BCR-101</p> <p>*1 GRENIER, PETE CA....FRG-7</p> <p>1 HACKNEY, RICHARD TN....HQ-100A</p> <p>2 HARRINGTON, ROB CO....DX-300</p> <p>2 HASKETT, THOMAS IN...RF-2200</p> <p>3 HAUSER, GLENN TN....FRG-7</p> <p>4 HENSLEY, BAXTER TX....FRG-7</p> <p>5 HESCH, RUTH NY..FR-6600JW</p> <p>6 HEYMAN, STEPHEN NY....DX-160</p> <p>3 HODSDON, THOMAS MN....FRG-7</p> <p>2 HOLBROOK, HANK MD....SP-600</p> <p>3 HOLLAND, DARRYL NY...FRG-7000</p> <p>1 HOOK, JERRY FL....DR-22</p> <p>1 IRELAND, JEROLD TN....FRG-7</p> <p>4 JOHNSON, KEVIN MN....FRG-7</p> <p>1 JONES, MICHAEL CA..CRF-330K</p> <p>2 KANA, JOHN GA....R-390A</p> <p>1 KASPRZYK, EMIL TX.....R-4C</p> <p>2 KERN, STEVE CA..ICF-6700W</p> <p>*6 KLASEK, TERRY MO....DX-160</p> <p>3 KNEASKERN, WILLIAM NY....DX-300</p> <p>*5 KOWALSKI, PAUL WI....SX-190</p> <p>1 KUSALIK, EDWARD ONT....R-388</p> <p>3 LATTEMANN, JACK WE....RF-2800</p> <p>1 LAZARUS, HENRY LA....SX-190</p> <p>1 LEEMAN, JOSEPH RI....FRG-7</p> <p>*1 LINDSEY, RANDY NJ....DX-160</p> <p>1 LOBDELL, CHRIS MA...FRG-7000</p> <p>1 LOREN, STEFAN CA....FRG-7000</p> <p>2 LUCAS, RICHARD CA....DX-300</p> <p>2 MAISE, CLARENCE LA....FRG-7</p> <p>1 MALONE, STEPHEN NJ....RF-2200</p> <p>1 MARSHALL, RONALD AZ...FRG-7000</p> <p>1 MASELLI, MARK RI....DX-160</p> <p>1 MASON, SANDY ONT....FRG-7</p> <p>1 MATTHEW, RICK BC....DXR-2</p> <p>1 MAYER, JIM CA....FRG-7</p> <p>2 MCCOOK, KEVIN MS....DX-160</p> <p>4 MCKINNEY, LARRY PA....RF-2800</p> <p>4 McLEAN, SCOTT NY....SW-717</p> <p>1 McWHERTER, IRVING MD....FRG-7</p> <p>5 MELLINGER, CRAIG NJ....FRG-7</p> <p>1 MILLER, BILL CA....DX-160</p> <p>*1 MONJURE, RICHARD LA....DX-160</p> <p>2 MOORE, DON PA....XCR-30</p> <p>3 MOSIER, DAVID CA....FRG-7</p> <p>2 MOSS, MARC CA....SW-717</p> <p>*6 MUNSTER, RALF MO..NOZ FACCIOLI, D.URUGUAY.ARC-28-70</p> <p>1 NEUMANN, SERGE GA....SPR-4</p> <p>6 NEWTON, ANDREW AZ....HQ-180A</p> <p>1 NORCROSS, DAVID GA....DX-40</p> <p>2 OAKLEY, MARJORIE KOREA.....R-300</p> <p>2 OALSON, JAMES OR....FRG-7</p> <p>3 OSSEGE, TED CA.....R-392</p> <p>1 OSTERMAN, FRED OH....DX-160</p> <p>4 PETTIT, LANI OH....HQ-129X</p> <p>IA....RF-2800</p>
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1	POGUE, JAMES	CA.....FRG-7	3	SMITH, TRAVER	CA...NRD-505
3	PROOM, STEPHEN	ENG....SAT-3000	*1	SNOWDEN, BEN	CA.....FRG-7
1	QUAGLIERI, AL	NY.....? ?	2	SOMERS, JACK	CA.....FRG-7
2	QUINN, THOMAS	OH...CRF-5100	1	STOCK, LEONARD	CO...FRG-7000
1	RANKIN, ROBERT	KS...FRG-7000	5	STONE, GARY	NC....DX-300
4	RAY, RICHARD	PA....DX-160	5	STONE, WILFRED	ONT...FRG-7000
*2	REESE, ORLA	KS....QR-666	5	STREIKER, SCOTT	WA.....FRG-7
*2	ROBERTS, ALLEN	NC....DX-160	1	TANNENWALD, LEON	NY.....SPR-4
1	ROGERS, WESLEY	ONT....SX-190	5	THOMPSON, GLENN	NM.....FRG-7
3	ROSEWARNE, ALLAN	CA.....FRG-7	3	THOMPSON, PEGGY	CA.....FRG-7
4	RUDOLPH, WILLIAM	AL....DX-300	1	THURMAN, SKIPPER	IL.....? ?
1	RUSSELL, GARY	IL.....SSR-1	5	TRUMMEL, KIRK	IL.....S-38E
1	SAKIYAMA, JUNICHI	JAP....FRG-7	1	TSUKAMOTO, MASATO	JAP..ICF-5900W
2	SANDERSON, JOHN	AZ....DX-160	3	UERINGS, JAMES	OR.....SPR-4
1	SAVAGE, JAMES	CA....RF-2800	1	VRANES, ALEX	PA.....FRG-7
3	SCHROEDER, ARTHUR	WI....DX-160	1	WAGNER, LAWRENCE	PA.....FRG-7
3	SCOTT, THOMAS	OK..ICF-6700W	*3	WALLACE, ROBERT	HI....CF-9505
2	SEMESKY, THOMAS	IN.....FRG-7	*2	WALTERS, JOHN	NJ....R-1530
2	SERSHON, ED	IL....DX-160	3	WILLIS, FRED	CA.....SPR-4
1	SEYMOUR, WOODY	NC....SPR-4	5	WITTE, MARJORIE	CA.....FRG-7
3	SHAFFER, STEVEN	IN.....FRG-7	4	WORREL, RICK	ND....DX-160
2	SHOCKLEY, MIKE	NV.....FRG-7	6	YAJKO, ROBERT	PA.....SPR-4
1	SHRIDHARANI, VASANT	NY....FRG-7	2	ZAVATSKY, MARK	CT....SPR-4
5	SMITH, THOMAS	FL....XCR-30	4	ZILMER, ROBERT	WI.....SPR-4

Will give credits for AFRICA next month, the list hasn't arrived at this QTH

WELCOME to 168 reporters this month, 16 of them reporting for the first time they are: TERRY KLAISEK...MO inadvertently left off the November list and JOSE BARR.....CA DARRYL HOLLAND...NY ALLEN ROBERTS.....NC WESLEY CARROLL.....LA KEVIN JOHNSON...MN JUNICHI SAKIYAMA.....JAP WALTER COSSABOON...NWT CAN STEPHEN MALONE...NJ GARY STONE.....NC CHRIS CROSBY.....NJ ANDREW NEWTON...GA KIRK TRUMMEL.....IL MAXFIELD GREENWOOD.....PA RICHARD RAY.....PA DANIEL F. MUNOZ...URUGUAY

I WANT TO THANK ALL THE MEMBERS WHO VOTED FOR ME IN THE RECENT BOD ELECTION, AND ASSURE EACH ONE THAT I WILL DO MY BEST TO DESERVE YOUR CONFIDENCE IN ME.

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ITEMS FOR SALE/TRADE/WANTED

PREPARED BY OLIVER ELLSWORTH

SWAP: Heath HO-13 Panaramic adaptor (Spectrum 4NA LYZER) in good shape; electrically/mechanically. A little worn looking, will trade for Polamar Engineers, Loop antenna for broadcast bands 0.5-1.5 MHz, with base. Sandy Blaize, 417 Ridgewood Dr. Metairie, LA 70001 504-834-8064. No collect calls.

FOR SALE: HCJB An dex club bulletins from Jan.75 to now. Oct. & Nov. 77, as well as Sept.78 issues are not included. \$5.00 takes it. Postage pre paid. Please write or call before sending money. Kevin Mikell, 1212 Varsity, Apt 522, DeKalb, IL 60115. 815-756-1347 during the week. No collect calls.

FOR SALE: Panasonic RF-2800 w/digital readout on sw bands, 3.2-30 MHz. Used one year, still under factory warranty. \$200.00 UPS pre paid. Jack Lattemann, 314 NE 56th St, Seattle, WA 98105. 206-522-1017. 0200-0600 GMT. No collect calls. Selling to buy FRG-7.

FOR SALE: Collins R-390A, retubed w/manual, Good to excellent. \$300.00. DX-160 General Coverage Receiver \$95.00 John P. Kana, 260 Huntington Ct. Fayetteville, GA 30214. 461-4847. No collect calls.

AN UNUSUAL OFFER: The Antenna Construction Handbook, by Rufus Twoner. The Radio Amateur Antenna Handbook, by William Orr & Stuart Cowan, and 80 meter DXing, by John Pevoldere. All FREE to the first one to ask and can use them. Mint condition & postage paid: Darryl Holland, 3215 Arlington Ave. Riverdale, NY 10463.

FOR SALE: Drake R4C, near mint cond.w/blanker, 4kHz AM filter, 15 xtals, accessory speaker. Excellent DX machine. \$450.00 you pay shipping. Jay Golden, 2043 W. Farwell, Chicago, IL 60645. 313-973-3465. No collect calls.

FOR SALE: New receivers, used briefly for receiver tests for 1980 WRTH. Sony ICF-6800W, not sold in US, Canadian version (single voltage only) is Can \$1,000. Price for WRTH (worldwide lulti-voltage version) is \$625. Also Sony ICF-5700W, US list \$439.95, is \$295. Yaesu SP-120 speaker (for FRG-7, FRG-7000, etc) List \$25. is \$18.50. Drake MS-7 speaker (for Drake R-7, DR7, TR-7, etc) list \$36. is \$27. Larry Magne, 15 N. Central Ave, Rockledge, PA 19111. 215-663-1179. No collect calls. Interestingly, the rare ICF-6800W is unusually good for ECSS tuning and is also quasi-portable for field Tropical Band DXing, or on trips.

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