

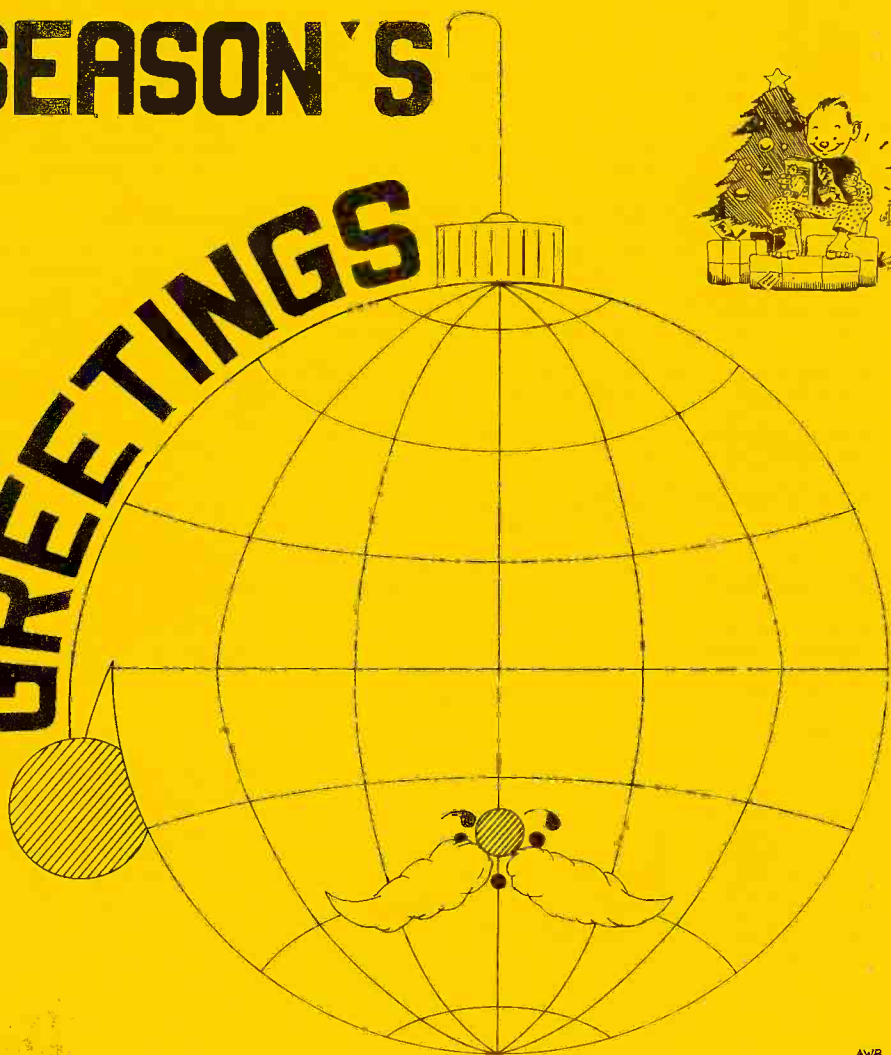
SPEEDX

the dx radio magazine for active shortwave listeners

SEASON'S



GREETINGS



AWB

DECEMBER 1976

Vol. VI No. XII



KEYNOTES



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

CONGRATULATIONS TO 9 NEW FULL MEMBERS



WILLIAM ARNOLD
STOCKTON, GA

JOHN GARNER
ONT., CANADA

JOSEPH PEGENKE
WHITING, IN

SKIP GROSS
NORFOLK, VA

ROBERT KUKAN
IRVINGTON, NJ

TONY ORR
COLO. SPRINGS, CO

OLEN RAIFORD
BARTOW, FL

WESLEY ROGERS
ONT., CANADA

JAMES WALLMAN
MINNEAPOLIS, MN



Certificates of Full Membership and a copy of the SPEEDX Constitution are being mailed concurrently herewith to each of the above new members.

SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

JAMES SPENCER
OKLAHOMA CITY, OK

WILLIAM RUDOLPH
BIRMINGHAM, AL

RICHARD MALONE
SPRINGFIELD, MA

JEAN-M. GAUVREAU
QUE, CANADA

JOHN ROBINETT
SEATTLE, WA

AKIRA OTAKA
JAPAN

JOHN ONKEN
METAMORA, IL

LYNDEN MORROW
MEXICO

VICTOR McWILLIAMS
LINCOLN, NE

KENT GORSON
DUBUQUE, IA

CHARLES KEILHOLZ
HAWTHORNE, CA

JOHN HATHAWAY
CHAMPAIGN, IL

GEORGE SLOVINSKI
TORRANCE, CA

JAY SELZER
ST LOUIS, MO

JAY GOLDEN
CHICAGO, IL

KENT BREITUNG
ADDISON, IL

PETER MISSENDEN
AUSTRALIA

WILFRED STONE
ONT., CANADA

PAUL GRANONE
ALBUQUERQUE, NM

THOMAS MILLER JR
LAUDERDALE, MS

J.A. STEFF
MIDWEST CITY, OK

WILLIAM GAGNON
JENNINGS, LA

JOSEPH JECHENTHAL
BROADVIEW, IL

We are certainly glad to have had you join the most active shortwave club in North America, I am sure you will find your magazine to be chock-full of DX related news and items. Please help us keep it that way with your support of the various editors. Welcome back Dennis Boyce.

CENTRAL DISTRIBUTION CENTER

Due to the growth of SPEEDX and the wonderful support of the membership, we have had to enlarge our editorial staff which has created an additional expense to the members when mailing loggings reports to the editors. To give some relief, a distribution center has been created. The editors deadline remains as the 15th of the month in order to keep DX material as current as possible, therefore we encourage loggings be mailed directly to the respective editors. However anyone wishing to take advantage of the mailing center, please feel free to send all your loggings to; Oliver Ellsworth 2043 W. 75th Street, Los Angeles, Calif. 90047. The reports must be cut & separated into areas, your name is to appear on each slip, and they must reach me by the 10th of the month to give me time to meet the editors deadline. Wishing you the best of DX.



*Best Wishes for the Holidays
and Happiness throughout the New Year*





PROPAGATION

SPEEDX Propagation editor, Doug Snyder has some good news and some bad news. The good news is that WWV is again broadcasting the Boulder, Colorado 'K Index', which is updated every three or four hours at 18 minutes past the hour on WWV only. The 'K Index' is a measure of current geomagnetic activity; a K of 0 means very quiet conditions and K of 9 is extremely disturbed conditions. The bad news is that he found a slight error in his winter propagation forecast for the west coast (only); on the chart 'The Middle East', the 'lowest useable frequency' curve begins an ascending node at 1600 hours; it is in error. The rise in the luf should occur beginning at 1500 hours as per the darkness pattern shown at the top of the chart. Again, all previous propagation information that was discontinued from WWV is now heard at 18 minutes past the hour. A well done, to all that wrote their protest letters.

DX PUBLICATIONS OF THE WORLD

Published by the European DX Council, PO Box 25-03 25, D-4630 Bochum 1, Federal Republic of Germany; a 22 page booklet listing about 600 publications of interest to DXers throughout the world. Price is 4 IRCs surface mail, 5 IRCs airmail.

DX TAPES & RECORDS

SPEEDXER Edward J Pyatt, is marketing for the Finland's DX Club, their new DX tape and record series, "WORLD ON THE AIR". The DX cassette containing 60 IDs of radio stations around the world, sells for \$7.00 surface mail & \$8.00 airmail. Contact Edward J. Pyatt, 510 Yorktown East, 1200 W. Columbia Ave. Philadelphia, PA 19122.

SPEEDX MAILING DATE

There have been questions as to why the arrival date of SPEEDX varies from month to month. The reason: SPEEDX tries to have a complete magazine each and every month. To do this the publisher must wait sometimes beyond the established deadline for material from a busy editor whose time has been demanded by his employer or has been sent out of town on business at an inopportune time. An editor may be a student whose semi and final examinations may have interfered with his free time. SPEEDX staff members give of their time without pay, therefore their work, studies and families come first. However the publishing committee will replace material if not received within a reasonable time after deadline, and will mail the bulletin within 3-4 days after the decision to go to press.

MONITORING THE VHF & UHF BANDS

Bill Britton, PO Box 707, Jensen Beach, Florida 33457, would like to hear from SPEEDXers in the Florida area and or elsewhere that are interested in monitoring the above mentioned bands. Drop Bill a note.

EDXC - SPEEDX COUNTRY LIST

Those of you that have received the country list will please note the updating information in this issue, and please correct your copies accordingly. We are trying to keep the list up to date as soon as possible. See page 54

WRTH 1977

Have you ordered your 1977 WRTH? They may be ordered from; Commtech Enterprises, 13754 Victory Blvd, Van Nuys, Calif. 91401. Send them your check or money order today for \$8.40. Tell them that SPEEDX sent you.

Those persons whose names appear on this page wish...

ROBERT YAJKO
IVAN GRISHIN
LOU LEISTNER
BILL CLEVELAND
GRANDMA GREENE
RICHARD PISTEK
MIKE HARDESTER
JOHN TRAUTSCHOLD

BOB BODELL
SKIP GROSS
BILL MILLER
KEN COMPTON
RONALD REDMAN
NIGEL PIMBLETT
BOB BUTTERFIELD

ROBERT KUKAN
W. C. KLONTZ
LARRY NEBRON
RALPH FAMULARO
GLENN THOMPSON
RICHARD MALONE
LELAND SWENSON
OLIVER ELLSWORTH
MARK BAKER



BILL SHAW
BILL TRUBEE
RONNIE SANN
VERA GRABLE
DOUG SNYDER
BARRY HARDING
WESLEY ROGERS
FRANK TERZICK
WOODY SEYMOUR

DON JOHNSON
LEN DAVIDONIS
EVELYN LARSON
RALPH SANSERINO
ELINOR LEISTNER
BRIAN BAUMGARTNER
ROBERT HECKENLIVELY

TONY ORR
KEN GROVE
CARL LEASE
JACK JONES
HENRY WARD
ART GETZEL
BOB ZILMER
WADE SMITH
JERRY McLEOD

...and in lieu of sending cards have contributed a total of \$135 to the
HANDICAPPED AID PROGRAM



DX MONTAGE

RESEARCH/COMPILATION/REDACTION by A. W. BROOKS

74 Massachusetts Road

Oakdale, Connecticut 06370



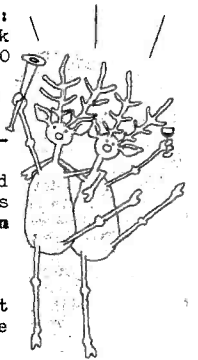
ALL I WANT FOR CHRISTMAS (or "A Holiday Produces Panda-Monium"):
 It shouldn't have surprised me. After all, I have a wife who has a pet rock that she teaches to do tricks...a daughter who walks her pet cactus to school...and a son who wants to grow up to be a baloney sandwich. It's only natural, therefore, that it should be considered normal when the other daughter developed a mania for pandas. Stories of pandas, pictures of pandas...all sorts of panda-phernalia...the inevitable stuffed pandas, panda postcards and calendars from Radio Peking. The panda-mania was further indulged through a family visit to Washington Zoo, home of Hsing-Hsing and Ling-Ling. In this light it surely should not seem out of place to purchase as a Christmas gift a small portable radio cleverly encased in the form of a panda. The speaker was in the mid-section...one eye was the volume control and on-off switch ...the other eye provided a frequency selection dial. When admitting that I did not know who manufactured this unique device, I was told by an office wag that it must be a "Panda-Sonic"!!!!!!



YOU'RE NOT LIKELY TO HEAR IT ON RADIO MOSCOW, BUT....Christmas is just another normal working day in the Soviet Union, where the Communists have suppressed religious holidays. According to Tass, the official Soviet news agency, the Russians citizens spent Christmas Day preparing for New Year's Day. How did they do it? By buying thousands of Chris...oops...fir trees at a couple dollars apiece... by decorating these trees with stars, toys, and snow maidens...by stringing lights in store fronts....by hanging up holly branches... by putting up pictures of jolly red-faced Grandfather Frost complete with sled and gifts. According to the news release forwarded by our ever wandering European representative, Steve d'Adolf, the holiday will culminate on New Year's Day with tree parties, including one at the Grand Kremlin Palace. The Russians don't mark Christmas? No, of course not! Because it was the KGB that came upon a midnight clear!

WHO HAS THAT MYSTERIOUS POWER TO CLOUD MEN'S AIRWAVES...THE SHADOW KNOWS:

Since mid-July high-powered radio signals thought to originate near Minsk or Kiev have disrupted maritime, telecommunications, aeronautical, and ARO channels. No less than eight SPEEDX contributors have forwarded information on this topic from as many as a dozen different sources...all agree that a super-powerful signal, believed to be part of a research project, has been fouling the high-frequency airwaves for nearly five months. Complaints from radio operators and shortwave listeners all over the world have been pouring into various control bodies...which have in turn issued protests to the ITU and Moscow's Ministry of Posts and Telecommunications ...so far, without reply. It was reported that the signals ceased at Noon on November 2nd, but Norway's coastal watchdog, Rogaland Radio, reported resumption of the signals early on 10 November. Precisely what is generating the signals, what they are carrying out, and what their purpose is are all still considered unanswered questions. Some reports indicate that there may be as many as three transmitters involved. Among suspicions are those which suspect experimental work by a new type of over-the-horizon radar. The pulsed signals have a repetition rate of 10/sec., but their bandwidth, which is extremely wide, changes from time to time. The signals have been monitored over almost all of the 3-30 MHz range. S.P.E.C.T.R.E.?



SON OF

DX MONTAGE

...IF YOU MUST BLAME SOMEONE FOR THIS CONTINUATION, MAKE IT ALAN W. BROOKS!

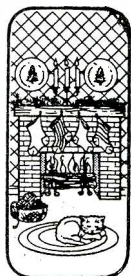


DEAR SANTA: Looking for that Christmas gift for the DXer who has everything? Have you considered a Panasonic RF8000? Advertisements seen during the past year call it the most advanced portable radio in the world. You are further promised that "it truly gives you the world" and that it "can pick up just about anything anybody anywhere is broadcasting". The RF8000 receives AM, FM, SSB, and CW in its 24 bands covering 150 kHz to 230 Mhz. It utilizes a 24-button selector, has a leather-covered cabinet, runs on either AC or battery, and weighs less than 50 pounds. Most ads call it "incredible" and close by telling you "you should see it"...which may well be all you do...so...you better watch out, you better not cry, you better not pout, I'm telling you why ...it only costs the paltry sum of \$2,500...Merry Christmas!!:

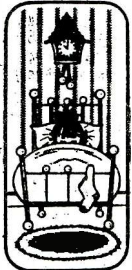


B.A.D. NEWS FOR THE HOLIDAY: In order to be certain that all the DXers in the Boston area were in shape for the up-coming holiday season, Mark Scannell hosted a November 14th social gathering in suburban Norwood for that region's radio enthusiasts. In memory of Mike Macken's DX career parts of the afternoon were spent viewing the Patriots' victory over Baltimore...Ken Compton commandeering the best seat on the basis of seniority...and the rest of the time in DX discussion or epicurean demonstration. Of course, there were brief respites to examine Chris Lobdell's interesting choice of socks, and to view the ultimately successful machinations to unlock the telephone circuits. Or to investigate Don Saklad's portable reference center, and to join in the standing ovation for Bob Butterfield's piece of actual DX news. Greg Galiri, without his SW-4, and Pete Schipelliti, courageously swallowing his previous air-hockey humiliations, were among the team of technical observers sent upstairs to investigate our host's listening post...their findings

were reportedly inconclusive due to the glut of visiting BG-221's scattered about the floor. Wade Smith and your editor found that those "Listen To The World On Shortwave Radio" bumper stickers provide an excellent means of locating other DXers...including each other. Thus another B.A.D. Guys gathering became history. What was it FDR said about a day that shall live in infamy?



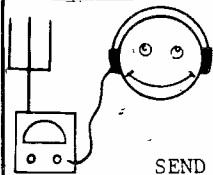
RADIO CLUB COMMEMORATED: Adding to the number of radio-oriented philatelic issues released during the past few years, the Dominican Republic issued a pair of commemorative postage stamps honoring the 50th Anniversary of the Radio Club Dominicano. The scheduled date of release was October 8th. The stamps feature an allegorical design of radio transmission elements including wave patterns, listener, text, and club emblem. Values are 6 and 10 centavos.



ACORNS FROM OAKDALE: A neighbor is someone who advises you what to get yourself for Christmas so that he can borrow it...

SAY "HALLELUJAH", SAY "AMIN": Uganda Radio reports President Idi Amin says he was responsible for Jimmy Carter's election. In an item sent in by Elinor and Lou Leistner, Amin said his endorsement of the Carter candidacy had ensured his victory and he was prepared to offer Carter a wide range of advice. Meanwhile, Bob Butterfield forwards an item which indicates Amin has commissioned a mobile MW and HF transmitter unit for use by the Uganda Broadcasting Corporation. The unit will be complete with generators, transmitters, tape machines, and a mobile studio. This mobile unit is expected to have SW capabilities, but there is no truth to the rumors that it is Deutsche Welle's next relay...





TECHNICAL TOPICS ?????

Editor

RALPH SANSEIRINO

TECHNICAL TOPICS
8422 CRANE CIRCLE
HUNTINGTON BEACH
CALIFORNIA 92646

SEND YOUR TECHNICAL QUESTIONS TO:

NAME CHANGE - Commtch Enterprises is now known as Ham Radio Outlet, they are still at the same location.

WRTH 77 - \$8.40 from Ham Radio Outlet 13754 Victory Blvd., Van Nuys, CA 91401. Scheduled for February delivery.

DISCOUNT PRICES - All prices + tax in CA, all prices include shipping via UPS in the 50 states. 1. Drake SPR4 list \$629.00 your price \$566.00. 2. Yaesu FR101 Digital list \$629.00 your price \$597.00. 3. Yaesu FR101S list \$489.00 your price \$465.00. 4. Drake SSR-1 list \$350.00 your price \$315.00. 5. Yaesu FRG-7 list \$299.00 your price \$270.00. 6. Kenwood R300 list \$239.00 your price \$215.00. 7. Yaesu 24 hour clock list \$30.00 your price \$25.00. These prices courtesy of Ham Radio Outlet 13754 Victory Blvd, Van Nuys, CA 91401. Please mention Speedx when ordering.

FRG-7 - Selectivity, AVC, Digital Readout and other mods. These mods are now being checked out and by the time you read this the info will be available from me, and it will also appear in the January issue of Speedx.

REPRINTS - Please order from Tech Topics - Ralph Sanserino 8422 Crane Cir Huntington Beach, CA 92646 USA. This change will shift a slight bit of the work load off HQ. Reprints available for .25¢ each in coin or stamps, overseas 4 IRCs each...1. SPR4 selectivity mod. 2. Barlow-Wadlow mods. 3. DX160 review and improvements. 4. SB310 and SB313 mods. 5. FRG-7 selectivity and other mods. 6. Sources for SWL supplies. 7. LM Freq Meter. 8. SX190 mods.

YAESU FR101S RECEIVER - The FR101S is identical to the FR101 Digital except for readout, the readout specs are still the same. All comments made in the November issue of Speedx also go for the FR101S, a fine piece of gear.

MORE ON THE FR101S - Some of you have been told that the FR101S will not cover the 49, 90 and 120 meter bands, this is not quite true, this editor has run test and found that the FR101S will cover almost all of the 49m band (6.040 - 6.500MHz), it will cover all of 90m (3.200 - 3.500MHz) and with a small change in the value of a capacitor it will tune 120m (2.000 - 2.500MHz). This receiver was designed for Ham use, if Yaesu had shifted the band pass tuning down 200kHz they would have had a better SW rig, now it misses tuning all of 49m by 90kHz. All in all it still is a fine rig. I'll have more on this when I finish testing and talking to the Yaesu people.

FOR SALE - Hallicrafters SX72, Hammarlund HQ180, BC 221AK Freq Meter, all with manuals, prefer pickup. Contact Paul Gunn 1396 S. 4th St., Aurora, IL 60538, phone (312) 851-2215 after 2300 GMT.

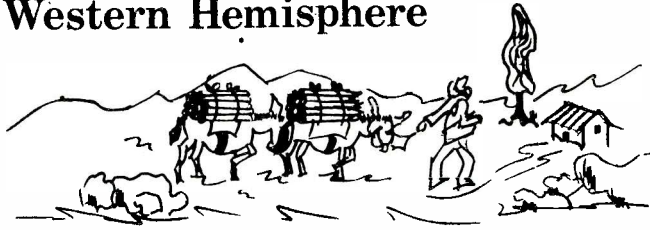
FOR SALE - R392/URR Receiver with power supply and manuals, price \$225.00 plus shipping, 3 of these available, contact this editor.

INFO WANTED - Operation/service manual, accessory equip for General Electronics VHF type 13B1A receiver 55-260MHz. Contact Paul Gunn 1396 S. 4th St., Aurora, IL 60538.

ANTENNA TUNING UNIT - This editor is testing a resonating device for short verticals and short longwires. I'm using it with a 4 foot whip which is sitting on my desk and I'm impressed with this unit so far, more on this device next month.

NOTE - NOTE - This editor recommends buying the FRG-7 over the FR101 for 2 or 3 reasons - price, more coverage and with a couple of mods better selectivity, also digital readout is on the way for the FRG-7. The FR101 is a fine rig but the selectivity cannot be changed from the 2 it comes with.

SWBC DX - Western Hemisphere



— EDITOR —

E.J. "Jim" Whitehead
177 Pine Ridge Road
Reading, Mass. 01867

PANORAMA LATINOAMERICANA

Well gang, once again I'll have to accept the blame for the late arrival of your bulletins. Seems four Argentine businessmen arrived on the 14-th to negotiate a contract and as I write this a week later we are still at it with no end in sight. I suppose it would help if the negotiations weren't all in Spanish but then again it is an extremely complex contract nearly 100 pages long.

For those who haven't noticed, Radio Clarín now has a daily broadcast in English on 11700 and 4850 khz from 2100 to 0100 GMT. Hosted by Rudy Espinal, this show features a tourist-news format by means of which Radio Clarín expects you "to get acquainted with this beautiful and still unspoilt half-island called the Dominican Republic". Comments received so far are pretty favorable. "I'm impressed with this new English program" writes Bob Butterfield and DX Montage editor Al Brooks agrees that "its not a bad show either".

Did you know that Cuiaba, Brazil, a former gold rush town of 100,000 souls, is located at the geodesic center of South America? Well, if you knew that I'll bet you didn't know that according to local legend the 7th daughter in every Cuiaba family is able to turn into a witch on Friday night provided she applies a special ointment to her armpits. With this in mind I'll think I'll try to log R. Cultura de Cuiaba, 5015, on Friday nights. There is likely to be a little magic in the air then!! Hi!!

New, according to the BBCMS, is a Bolivian station operating from Rurrenabaque, Beni Department on 5020 khz. This station has been active since 18 November according to reports monitored over Radio Fides, La Paz. Also new is the Paraguayan station, La Voz de Amambay operating on MW 570 and 5995 shortwave. Address of this station, according to SCDX bulletin 1404 is 14 de mayo # 475, Pedro Juan Caballero, Paraguay.

In the hot tips department this month one finds R. Belize heading the list with its move to 3285khz, a frequency it once used many moons ago. The early risers special this month is a duo comprised of R. Cuenca and R. Arequipa which have both been reported only a hairsbreath apart on or around 5951 khz. We also welcome back old friends R. Eco and R. Tesulutlán on 5010 and 4835 khz respectively and advise those who asked that the ID heard here on 4935 khz around 0100 is that of Radio Capixaba, Vitoria.

Before I jump into the loggings I'd like to mention that next month loggings relating to the operations of the BBC/DW relay on Antigua will join those relating to stations in the U.S.A. and Netherlands Antilles at the bottom of my priority list. Thus it would be appreciated by yours truly if you would confine your reporting of stations operating from any of those 3 areas to newsworthy items like frequency changes and, when reporting same, indicate the reason on your report. This will help me decide what to give priority to when space is available though lately its been a problem just to get in every station with 10 kw or less. But, enough of my space problems! On to the loggings with the usual reminder that all dates are in the month/day format, all times are GMT, and reception conditions are noted in the SIO code.

ANTIGUA

Faithful reporters Baumgartner-ONT, Kerrigan-IL, Trauttschold-WI, Smith-AL, Hauser-TN, Hansen-ID, Thompson-NM, Garner-ONT, Nebron-CA, Rogers-ME, Sapsford-OR, Zilmer-WI, Zimarowski-MA, Ellsworth-CA, Winslow-WI, Pierce-MA, Uerlings-UK, Smith-TN, Schipelliti-MA, and Fleming-TX report the following:

ANTIGUA (cont.)

5960	0530	- 0550	DW EE Svc.	9590	2130	- 0105	DW PP & SS Svc.
6040	0130	- 0150	DW EE Svc.	9605	1300	- 1320	DW GG Svc.
6175	0430	- 0730	BBC World Svc.	9640	0228	- 0405	DW PP & SS Svc.
6195	2000	- 2115	BBC World Svc.	9690	0005	-	DW PP
6195	1100	- 1330	BBC World Svc.	9765	2200	- 0415	BBC PP & SS Svc.
9545	0330	- 0430	DW GG Svc.	15185	0130	- 0150	DW GG Svc.

ARGENTINA

6060	0850	<u>LRA31 R. Nacional:</u> SS vocals, ID, tlk (232 10/31 Wakisaka-JAPAN) (443 0844 11/4 Junqua-JAPAN)(343 0925 10/27 Jones-MS)
6120	0747	<u>LRX1 R. El Mundo:</u> Pop & LA mx, severe QRM de VOA after s/on on 6125 (333 10/12 Junqua-JAPAN)(232 0842 11/3 Wakisaka-JAPAN)
6179	0930	<u>LRA34 R. Nacional, Mendoza:</u> SS nxcst, ID, guitar & SS vocals to 1000, then Max (353 10/31 Sparks-CA)
9690	0337	<u>LRA 32 RAE:</u> EE DX pgm (422 11/18 Dutkowski-BG)(Bryan-CA)(Redman-IL)(Trautschold-WI)(Famularo-NJ)(Earhart-PA)(Miller-CA)
9740	2350	<u>LRS1 R. Splendid:</u> spts nx, then "inform6 Splendid", followed by pips & ID (333 10/20 Fleming-TX)(322 2209 10/16 Junqua-JAPAN)
11710	2319	<u>LRA35 RAE:</u> EE tlk on maritime subjects (333 10/21 Stuart-OK) (Schipelliti-MA)(Cawthorne-UK)(Batson-KS)(Brookwell-CA)(Rafe-NY)(Yajko-PA)(Crabbe-ID)(Sapsford-UK)(Dutkowski-BC)(Pecenkalin)(Redman-IL)
11880	2355	<u>LRS R. Splendid:</u> OM ID, tlk mentions Argentina(322 11/5 Bixby-CA)
15290	2000	<u>LRU R. El Mundo:</u> LA mx, IDs, jingles (333 10/23 Sapsford-UK)
15345	*1259	<u>LRA33 R. Nacional:</u> ID, s/on anmts, pop mx (433 10/17 Zilmer-WI)

BELIZE

3285	0400	<u>R. Belize:</u> "Saturday Night Special" pgm, ads for Caribbean rum, Trafalgar gin, Grant's Whiskey (433 11/7 Redman-IL)(333 0445 11/11 Sparks-CA)(454 0030 11/2 Smith-AL)(422 0413 11/6 Jones-MS)
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BOLIVIA

4720T	1038	<u>CP117 R. Riberalta:</u> SS tlk, apparently nx (232 10/17 Yajko-PA) Bob, latest fgy I have for CP 117 is 4701v. Maybe R. Via.
4738	0310	<u>CP136 R. Abaroa:</u> Lively Bolivian mx (333 10/24 Young-CA)
5007	2358	<u>CP48 R. Universo:</u> OM ID w/ theme mx (232 10/17 Bixby-CA) Mark, R. Eco also active in this vicinity. You 100% sure this CP48?
5045	0750	<u>CP38 R. Altiplano:</u> w/ LA DJ pgm, ads (222 11/5 Brookwell-CA)

BRAZIL

4755	0332	<u>ZYF23 R. Dif. do Maranhão:</u> Brazilian mx, IDs/TCs (333 11/9 Zimarowski-MA)(433 0158 10/27 Miklejewski-MN)(333 Redman-IL)
4805	0122	<u>ZYS8 R. Dif. do Amazonas:</u> OM nx, ads (222 10/20 Fleming-TX) (222 0205 w/ mx, tlk, mentions of Brazil 10/29 Breeden-MS)
4835	0248	<u>ZY08 R. Dif. Teresina:</u> non-stop mx, ID (322 10/17 Baumgartner-ONT)
4839T	0220	<u>ZYA1 R. Dif. Roraima:</u> Brazilian mx, OM(322 10/23 Baumgartner-ONT)
4855	0318	<u>PRC5 R. Clube do Pará:</u> ads, ID (433 10/18 Earhart-PA)(Fleming-TX) (Miklejewski-MN)(Breeden-MS)(Miller-OH)(Yajko-PA)(Redman-IL)
4895	0920	<u>PRF6 R. Baré:</u> Vocal DJ w/ wake-up mx, ID (433 10/25 Fleming-TX)
4985	0426	<u>ZYF208 R. Brasil Central:</u> Brazilian mx, OM DJ, ads (333 10/12 Bryan-CA)(Tannenwald-NY)(Bixby-CA)(Redman-IL)(Earhart-PA)
5016	0015	<u>ZYG26 R. Pioneira de Teresina:</u> OM tlk (322 11/1 Young-CA)
5025	0235	<u>ZYJ 21 R. Borborema:</u> Brazilian vocals, nx headlines, ID 0302 (322 10/27 Miklejewski-MN)(344 0300 11/9 Rogers-ME)
5045	2315	<u>ZYE63 R. Dif. Presidente Prudente:</u> OM spinning Brazilian vocals & U.S. pops, several IDs (222 10/30 Baumgartner-ONT)
5965	0905	<u>ZYU60 R. Guaiba:</u> PP tlk, LA mx, QRM de RM 222 11/4 Wakisaka- JAPAN)(333 2315 10/16 Redman-IL)(212 0010 10/19 Fleming-TX)
6000	0110	<u>PRK25 R. Inconfidência:</u> Soccer match cmntry (333 10/17 Yajko-PA) (433 0149 10/12 Bryan-CA)
6045	0015	<u>ZYS33 R. Clube Paranaense:</u> tlk, ads jingles (433 11/4 Zilmer-WI) (322 0031 10/27 Baumgartner-ONT)
6095	2215	<u>ZYB7 R. Tupi, São Paulo:</u> PP tlk (322 10/27 Zilmer-WI)
6135	1255	<u>PRC21 R. Gaúcha:</u> Brazilian mx, ads, march mx (444 11/5 Miller-CA) (333 0810 10/14 Wakisaka-JAPAN)
6155	2245	<u>ZYN30 R. Cultura da Bahia:</u> mx, ads, ID, tlk (322 10/17 Estes-MS)
6165	2345	<u>ZYE419 R. Cultura, São Paulo:</u> IS, ID, march mx, pop mx, PP tlk (422 10/26 Zilmer-WI)

BRAZIL (cont.)

- 6175 0845 ZYV74 R. Guarani: Brazilian mx, tlk (222 10/6 Tannenwald-NY)
 6185 0815 ZYR77 R. Bandeirantes: tlk, Brazilian pop mx (232 11/2 Wakisaka-Japan)(322 2325 11/4 Zilmer-WI)(322 0850 10/14 Tannenwald-NY)
 9595 0028 ZYN29 R. Cultura da Bahia: PP OM ID, ads, pop mx (322 11/7 Orr-CO)(433 0048 10/17 Yajko-PA)(422 0020 11/8 Bryan-CA)(Rafe-NY)
 9635 0030 ZYE236 R. Aparecida: PP ID, ads, pop mx (433 11/8 Bryan-CA)(433 0055 w/ Brazilian ballads, ID 10/17 Yajko-PA)
 9645 2255 ZYR78 R. Bandeirantes: Rapid fire OM tlk by 2 OM, IDs (333 11/7 Redman-IL)(433 0057 10/17 Yajko-PA)(433 0037 11/8 Bryan-CA)
 9665 0042 PRL8 R. Nacional de Brasília: U.S. pop mx (444 11/8 Bryan-CA) ??
 9685 0100 ZYR227 R. Gazeta: Ads, PP tlk (323 10/17 Yajko-PA)
 *9745 0005 ZYE419 R. Cultura, São Paulo: ID giving São Paulo QTH, mx, QRM de LRS1 (322 10/21 Fleming-TX)
 11785 0026 ZYU61 R. Guaíba: ads, IDs, pgm of inst. mx (242 10/25 Miklejewski-MN)(322 2230 11/8 Gross-VA)(353 0052 11/5 Famularo-NJ)
 11805 2355 ZY265 R. Globo: ID "R. Globo, Brazil", tlk (333 10/27 Famularo-NJ)(333 2330 10/16 Redman-IL)(433 0058 10/22 Yajko-PA)
 11865 0233 ZYB85 R. Clube de Pernambuco: PP tlk, ID, mx (333 10/24 Famularo-NJ)(333 0026 10/17 Yajko-PA)(--3 0153 10/11 Bryan-CA)
 11880 0100 ZYC40 R. Sociedade da Bahia: ID, spts (343 10/17 Miklejewski-MN)
 11885 2125 ZYZ25 R. Maua: IDs, Brazilian mx, ads (444 10/30 Sapsford-UK)
 11915 0235 PRC23 R. Gaúcha:w/ mx, PP anmts (232 10/25 Perry-QUE)(Yajko-PA)
 11925 0215 ZYR78 R. Bandeirantes: spts event cmntry (211 10/31 Kaufman-NY) (333 0230 10/25 Perry-QUE)(333 0230 10/25 Sapsford-UK)
 11935v 2330 ZYS35 R. Clube Paranaense: PP ads, mx, IDs (233 10/29 Hall-CA) (333 2110 11/29 Sapsford-UK)(222 2144 10/31 Kaufman-NY)
 11950 0035 ZYD3 R. Ministerio da Educação: cl. mx (433 10/17 Yajko-PA)
 11965T 0030 PRB24 R. Record: spts event cmntry, ads (242 10/17 Yajko-PA)
 15190 0022 PRK9 R. Inconfidência: spts event cmntry (222 10/17 Miklejewski-MN)(343 0123 10/17 Yajko-PA)
 15135 2137 PRB22 R. Record: PP tlk, mx, some ads (333 10/18 Estes-MS)
 15145 2114 ZYB87 R. Jornal do Comércio: ID, OM spts event cmntry, weird noises (333 10/17 Orr-CO)(434 2335 10/13 Yajko-PA)
 15165 2045 ZYN7 Ceara R. Clube: PP spts event coverage (343 10/16 Yajko-PA) Any ID this one Bob? if not should be marked TENTATIVE.
 15245 *2100 PRL8 R. Nacional de Brasília: EE nx summary, cmntry, mx, ID "Literature Review" (545 10/25 Schipelliti-MA)(Famularo-NJ) (Breed-MS)(Zilmer-WI)(Orr-CO)(Eaton-WI)(Estes-MS)(Earhart-PA)(Cawthorne-UK)(Perry-QUE)(Smith-AL)(Sapsford-UK)(Pecenka-IN)(Yajko-PA)(Rafe-NY)(Hall-CA)

CANADA

- 5960 0145 CBC NS: EE Gameshow (333 10/19 Stuart-OK)(332 0149 w/ comedy pgm 10/29 Zink-CA)(444 0500 11/7 Estes-MS)
 5960 2319 RCI: presumed to be the one testing w/ Dixieland & other mx 11/7 in anticipation of use this fgy for HS relay 2257-0200 weekdays beginning 8/11 (Hauser-TN)
 6005 2010 CFCX, Montreal: ads, pop mx (433 10/24 Worman-WI)(Garner-ONT) (Davidonis-MA)(Schipelliti-MA)(Famularo-NJ)
 6070 0310 CFRX, Toronto: relay CFRB, nxcst (232 10/21 Burke-VA)(Famularo-NJ)(Davidonis-MA)(Lordo-SC)(Hall-CA)(Miklejewski-MN)(Garner-ONT)(Redman-IL)(Lull-MI)
 9625 1245 CBC NS: "Today" pgm (444 daily Winslow-WI)(44 1600 11/11 Davidonis-MA)(544 1922 11/2 Famularo-NJ)
 11720 2010 CBC NS: "Perspectives" pgm (343 10/25 Cawthorne-UK)(444 0319 11/14 Dutkowski-BC)
 15290 2002 RCI: South Pacific Svc. now here w/ 50kw @ 227° // 15325 where 250 kw @ 232° --2 11/7 Hauser-TN)(554 2000 11/7 Zilmer-WI) (443 2000 11/7 Arnold-CA)

CHILE

- 6135 1015 CE613 R. Universidad de Concepción: "Panorama Informativa del Banco de Concepción" nxcst, TCs, bank ads (333 10/13 Jones-MS)
 6195 0919 CE619 R. Nacional de Chile: SS pop mx pgm (332 10/27 Jones-MS)
 9565 0115 CE956 R. Nacional de Chile: EE YL w/ mx & ID, tlk on Chilean city (433 10/31 Verlings-OR)(Yajko-PA)(Dutkowski-BC)(Bryan-CA)(Garner-ONT)(433 2310 w/ SS nxcst 10/31 Redman-IL)
 9590 0135 CE959 R. Presidente Balmaceda: U.S. election returns "minuto a minuto" (--- 11/3 Hauser-TN)(433 0025 11/1 Bryan-CA)
 9750 1120 CE975 R. Minería:w/ ads, station promos (333 10/24 Miklejewski-MN)(344 1010 10/19 Fleming-TX)(433 1100 10/25 Zilmer-WI)

CHILE (cont.)

- 11810 1310 CE1181 R. Nacional de Chile: "La Voz de Chile" pgm giving times for EE as 1030, 1150, 1310, 1430, 2030, 2250, 0010, 0210 & 0310 (332 10/17 Zilmer-WI)
- 15150 2255 CE1515 R. Nacional de Chile: EE nxcst (243 10/22 Rafe-NY)(Yajko-PA)(Miklejewski-MN)(Schipelliti-MA)(Grenier-CA)(Fleming-TX)

COLOMBIA

- 4755 1105 HJKC Emisora Nuevo Mundo: CARACOL plugs, nxcst, ads (222 10/13 Fleming-TX)(343 0540 11/7 Earhart-PA)
- 4815 0245 HJSG R. Guatapuri: TODELAR promos, "Los Politicos" pgm, ID (433 10/25 Redman-IL)(Bixby-CA)(Burke-VA)(Brookwell-CA)(Breedon-MS)(Miklejewski-MN)(Fleming-TX)(Sparks-CA)(Jones-MS)(Earhart-PA)
- 4845 0413 HJGF R. Bucaramanga: YL spins LA vocals (211 10/21 Trautschold-WI)
- 4875 0430 HJLW Ecos del Combeima: LA mx, many IDs w/ chimes & "Super Radio" plug (434 11/2 Grenier-CA)(Baumgartner-ONT)(Yajko-PA)(Redman-IL)(Brookwell-CA)(Miklejewski-MN)(Fleming-TX)(Breedon-MS)(Orr-CO)(Zimarowski-MA)(Uerlings-OR)
- 4885 0337 HJIG Ondas del Meta: w/ ID, tlk, LA mx (333 10/28 Breedon-MS)(444 0452 11/7 Estes-MS)
- 4895 0355 HJOT Brisas del Citará: LA vocals, SS ID, TC (433 10/20 Zimarowski-MA)(242 0522 10/17 Bryan-CA)(353 0500 10/13 Sparks-CA)
- 4925 0123 HJJU Emisora Meridiano 70: LA, LA pop mx, mentions of Colombia (322 10/20 Yajko-PA)(443 0241* 11/10 Jones-MS)
- 4945 0600 HJDH R. Colosal: many IDs, pop LA mx (433 11/5 Arneson-WO)(Bryan-CA)(Yajko-PA)(Redman-IL)(Brookwell-CA)(Famularo-NJ)(Breedon-MS)
- 4965 0531 HJAE R. Santa Fé: Tropical mx, IDs (322 11/8 Zink-CA)(Yajko-PA)(Famularo-NJ)(Redman-IL)(Junqua-JAPAN)(Grenier-CA)(Bryan-CA)
- 5010 0234 HJOX R. Surcolombiana: LA mx, tlk (333 11/9 Smith-TN) You sure this isn't R. Eco which is also active on 5010??
- 5020 1135 HJCP Ecos del Atrato: nx, TCs "en Ecos del Atrato, la hora para Colombia..." (243 10/8 Fleming-TX)(332 10/15 Tannenwald-NY)
- 5040 0545 HJSB R. Cinco: romantic mx & ID after each selection. ID @ 0630 "R. Cinco de CARACOL...Colombiana, R. Cinco.. onda corta... kcs HJSB, CARACOL...Colombia" (353 11/7 Sparks-CA)(333 0035 10/26 Yajko-PA)(333 0508 11/7 Smith-TN)(333 0630 11/7 Redman)
- 5075 0320 HJGC R. Sutatenza: "Frecuencia Internacional" pen pal pgm with surprise EE ID as "This is A.C.P.O., R. Sutatenza transmitting from Bogotá, Colombia, on 810 khz A.M., 88.1 Mhz F.M., 5095 khz (sic) tropical band. A.C.P.O., R. Sutatenza--the largest educational radio network in South America". New DX pgm from La Salle DX Clube noted 0319 10/23 (GMT Sat.) after tip over RCI "DXismo en Marcha" (--- 10/22 Hauser-TN)(Famularo-NJ)(Malone-MA)(Yajko-PA)(Pecenk-IN)(Redman-IL)(Worman-WI)
- 5095 0200 HJGG R. Sutatenza: Alka Seltzer ads, SS nxcst (433 11/6 Redman-IL)(444 0105 11/9 Rogers-WE)(433 0000 11/6 Rafe-NY)
- 6034T 2329 HJZJ R. Nacional: TENTATIVE w/ cl. mx pgm "Concierto Dominical" bad het w/ Brazilian (--- 11/7 Hauser-TN)
- 6065 1100 HJAX R. Super: ID, SS nxcst (333 10/30 Yajko-PA)(Tannenwald-NY)
- 6075 1103 HJID R. Sutatenza: ad, ID, tlk (344 10/26 Breedon-MS)
- 6115 *0929 HJIE LV del Llano: NA, ID, call, fqys, early morning wake-up pgm (443 10/27 Jones-MS)(333 0215 11/6 Redman-IL)
- 6150 0125 HJJT LV del Huila: pop mx, few ads, ID "En todo Huila, LV del Huila" (323 11/1 Miklejewski-MN)(Redman-IL)(Worman-WI)(Sparks-CA)(Breedon-MS)
- 6160 0810 HJKT Emisora Nueva Granada: Colombian mx, ads, ID (322 11/4 Junqua-JAPAN)(Redman-IL)(Hall-CA)(Breedon-MS)(Jones-MS)
- 6170 1026 HJBJ LV de la Selva: Ads, TC/ID, nxcst (333 10/28 Breedon-MS)(242 1132 10/29 Miklejewski-MN)(433 1120 10/16 Fleming-TX)
- 6190 1033 HJ?? LV de los Centauros: "Buenos Dias Colombia" pgm ID (333 10/28 Breedon-MS)(322 1054 10/27 Jones-MS)
- 9682v 2330 HJZK R. Nacional: nxcst w/ 2 OM, into cl. mx pgm (443 10/19 Redman-IL)(444 0447 11/2 Dutkowski-BC)

COSTA RICA

- 4832 0625 TIHB Emisoras R. Reloj: "R. Reloj, numero uno en Costa Rica" ID (434 11/6 Worman-WI)(redman-IL)(Trautschold-WI)(Famularo-NJ)(Orr-CO)
- 6006 1119 TIHB Emisoras R. Reloj: SS mx, ID (544 11/11 Schipelliti-MA)(242 10/14 Wakisaka-JAPAN)(332 0734 11/5 Bixby-CA)
- 6175 1109 TIPC Faro del Caribe: NA, SS ID, tlk (222 10/25 Breedon-MS)

COSTA RICA (cont.)

9645 1230 TIFC Faro del Caribe: SS ID "Transmite Faro del Caribe, en el jardín de las Américas", folklore mx (233 10/16 Miklejewski-MN)(344 1245 10/16 Fleming-TX)(332 0400 10/9 Earhart-PA)

CUBA

4720 1105 R. Rebelde: RR lesson in SS w/ cuckoos, etc. Noted // 5310 & 590. This is 8x 590 (Hauser-TN)
 9595 0700 RHC: EE mailbag pgm, Cuban mx (554 10/22 Miller-CA)
 9685 0330 RHC: EE mx, cmntry "Cuban Story" (444 11/10 Malone-MA)
 9770 1550 RHC: SS tlk, Cuban pop mx (322 11/11 Davidonis-MA)(444 0614 11/13 Dutkowski-BC)
 11725 1450 RHC: EE pgm of Cuban mx (444 11/16 Dutkowski-BC)(Garner-UNT)
 11760 2229 RHC: SS ID, speech (443 10/24 Crable-ID)(Grenier-CA)(Earhart-PA)
 11865 2105 RHC: EE cmntry (344 10/16 Yajko-PA)(444 0000 SS 10/26 Arnold-CA)
 11930 2257 RHC: SS pop mx (433 11/15 Dutkowski-BC)(333 0358 EE w/ "The Cuban Story" 10/20 Zink-CA)
 11960 2315 RHC: SS soccer match cmntry (434 10/9 Hall-CA) You sure this???
 11970 2220 RHC: SS LA mx (333 10/30 Grenier-CA)
 15230 2107 RHC: AA tlk & mx (433 10/31 Kaufman-NY)
 17750 2125 RHC: EE tlk on Cuban investments // 17885 (433 10/21 Yajko-PA) (454 1331 10/16 Famularo-NJ)(343 1659 10/17 Bryan-CA)
 17885 2115 RHC: EE "Philately in Cuba" pgm (444 11/7 Malone-MA)(333 2100 11/7 Arneson-MO)(443 2028 10/26 Bixby-CA)

DOMINICAN REPUBLIC

4825 0035 HIFA LV de las Fuerzas Armadas: real pretty LA mx, ID @ 0058 (422 11/4 Miller-OH)(433 0330 10/12 Redman-IL)(Earhart-PA)
 4850 2330 HILR R. Clarín: EE cultural & tourist pgm, ID "R. Clarín, the intl. bcsting stn of the Dom. Rep. ... a daily Mon-Fri best of R. Clarín" (322 11/8 Butterfield-MA)(343 11/7 Earhart-PA)
 4881 0405 HIJP R. Comercial: Dominican pop mx, Ibs/TCS (444 10/23 Watts-IN)(Redman-IL)(Sparks-CA)(Miller-OH)(Whitehead-MA)
 11770 2301 HILR R. Clarín: EE pgm incl. plugs for tourism, mx (343 11/11 Rafe-NY)(Bixby-CA)(Famularo-NJ)(Zilmer-WI)(444 1055 w/ OM reading lottery numbers till past 1826 10/31 Orr-CO)(Garner-ONT)(Schipelliti-MA)(Breedon-MS)(Grenier-CA)(Cawthorne-UK)(Yajko-PA)(Zink-CA)(Redman-IL)

ECUADOR

3260 0237 HCOS4 LV del Rio Carrizal: OM ID, YL tlk (242 11/14 Simson-GFR)
 3280 1025 HCVN7 LV del Napo: QC tlk, ID, Andean vocals (222 10/11 Baumgartner-ONT)(222 1022 11/1 Fleming-TX)(232 0317 11/17 simson)
 3380 1114 HCDY4 R. Iris: Ecuadorian mx, ID/TC, ads (232 10/10 Miklejewski-MN)(322 0005 10/9 Baumgartner-ONT)(332 0304 10/12 Bryan-CA)
 3390 0411 HCOT1 R. Zaracay: Ecuadorian folk & pop mx (232 11/7 Pecenka-IN)(Redman-IL)(Yajko-PA)(Fleming-TX)(Brayn-CA)(Orr-CO)(Jones-MS)
 4680 0545 HCWE1 R. Nacional Espejo: pop mx, ID, ads, (333 10/29 Smith-FL)(Pecenka-IN)(Redman-IL)(Brookwell-CA)(Thompson-NM)(Earhart-PA)
 4765 1044 HCAJ2 R. C.R.E.: inst mx, ID as "Emisora nacional, R. C.R.E." (222 10/11 Baumgartner-ONT)(322 1050 10/18 Fleming-TX)(222 0100 10/13 Trautschold-WI)(322 *1044 10/21 Jones-MS)
 4790 0450 HCV2 Emisoras R. Atalaya: MOR mx, OM anc (343 11/7 Earhart-PA)
 4795 0130 HCAS4 LV de las Caras: SS mx, OM anmts (242 10/13 Trautschold-WI)(443 0450 w/ non-stop mx, 1 ID in 20 min 11/1 Miller-OH)
 4825 0928 HCLV3 R. Luz y Vida: SS LA mx, ID after each disc (333 10/30 Brookwell-CA)
 4910 *1100 HCMJ1 Emisoras Gran Colombia: NA, ID "Desde quito....." into nx (443 11/6 Jones-MS)(222 0413 10/23 Breedon-MS)
 4923 0015 HCRQ1 R. Quito: MOR mx, tlk, ads (322 10/9 Tannenwald-NY)(323 0455 10/23 Uerlings-OR)
 4960 0045 HCSE7 R. Federación: YL tlk, ID, Ecuadorian campesino mx (443 11/18 Simson-GFR)(233 1104 w/ mx,tlk, ID 10/28 Breedon-MS)
 5060 1047 HCEH3 R. Nacional Progreso: Ecuadorian mx, anmts "Somos Progreso" (434 10/8 Miklejewski-MN)(243 1055 10/28 Breedon-MS)(333 0258 11/6 Uerlings-OR)(343 1106 10/16 Jones-MS)(Whitehead-MA)
 5950 1058 HCDP5 R. Cuenca: ID, pop LA mx, ads, heavy VOA splatter @ 1100 (322 11/2 Miller-OH)

FRENCH GUYANA

3385 *0900 FR3, Cayenne: pips, guitar IS, "La Marseillaise", YL anmt, mx (232 10/25 Fleming-TX)

GALAPAGOS ISLANDS

4810 0200 HCVG8 LV de los Galápagos: SS ID as "Rdif. LV de los Galápagos" into pop mx (433 11/6 Bixby-CA)(Zink-CA)(Redman-IL)(Crabble-ID)(Trautschold-WI)(Miklejewski-MN)(Fleming-TX)(Breedon-MS)(Somers-CA)(Nebron-CA)(Zimarowski-MA)(Uerlings-OR)(Jones-MS)(Earhart-PA)

GREENLAND

3999 2246 Gronlands Radio: Danish w/ pop mx, YL intros, tlk by OM @ 2317 (222 11/5 Corson-IA)(433 0050 10/27 Young-CA)

GRENADA

15105 2131 Radio Grenada: EE mx request show (122 10/23 Garner-ONT)(444 , 2000 11/6 Sapsford-UK)(242 2035 10/4 Cawthorne-UK)(Yajko-PA)

GUATEMALA

2040a 0220 TGRX LV del Ejército: SS TCs/ID, marimba mx, notes fqy in 49 mb and AM (332 10/24 Fleming-TX)
 2360 1110 TGBA R. Maya: rel. mx, OM tlk (322 10/31 Yajko-PA)(Miklejewski-MN)(Zilmer-WI)(Estes-MS)
 2390 0145 TGDS LV de Atitlán: SS tlks, marimba mx (333 11/5 Thompson-NM)(Miklejewski-MN)(Zilmer-WI)(Yajko-PA)
 2300 0307 TGNC R. Cultural: EE "Back to the Bible"(252 11/7 Pecenka-IN)(Redman-IL)(Stuart-OK)(Smith-AL)(Simson-GFR)(Thompson-NM)(Garner-ONT)(Somers-CA)(Rogers-ME)(Pierce-MA)
 3325 0150 TGBA R. Maya: mx, SS ID (232 11/6 Nebron-CA)(Thompson-NM)(Redman-IL)
 3360 0330 TGVN LV de Nahuálá: pgm of Mex. mx, off @ 0405 w/ NA (433 10/14 Redman-IL)(Pecenka-IN)(Thompson-NM)(Bryan-CA)
 3380 0258 TGCH R. Chortis: SS tlk, marimba mx, 0300* (422 10/14 Jones-MS)
 4825 2318 TGMN R. Mam: SS pop mx, ID (422 11/5 Miller-OH)(Redman-IL)(Breedon-MS)(Fleming-TX)
 4835 0014 TGTZ R. Tesulutlán: ID, tlk, marimba mx (433 10/26 Jones-MS)
 6180 0330 TGWB R. Nacional: 2 OM covering baseball game (433 11/3 Worman-WI)(Watts-IN)(Redman-IL)(Hall-CA)

GUYANA

3290 0850 GBS Action Radio: EE OM DJ show, lvs, pop mx (322 11/9 Gross-VA)

HAITI

3345 1240 4VSO R. 4VEH: FF or Creole, rel. mx (211 11/2 Estes-MS)
 6155 1124 4VWA R. Citadelle: FF mx, YL DJ (222 10/18 Breedon-MS)(322 1045 10/27 Zilmer-WI)
 11835 1915 4VEJ R. 4VEH: EE "Moody Presents" // 9770 (323 10/17 Lordo-SC)(Breedon-MS)(Famularo-NJ)(Seltzer-MO)(Pecenka-IN)

HONDURAS

4820 0302 HRVC LV Evangélica: EE "Children's Bible Hour", ID @ 0305 (454 11/1 Smith-AL)(Tammenwald-NY)(Pecenka-IN)(Trautschold-WI)(Orr-CO)(Brookwell-CA)(Redman-IL)(Thompson-NM)(Arneson-MO)(Breedon-MS)
 4920 2330 HRPL3 R. Progreso: SS IDs, LA pop mx (333 10/24 Rogers-ME)(Redman-IL)(Fleming-TX)(Breedon-MS)(Butterfield-MA)
 6075 1240 HRMH5 LV del Junco: SS IDs, pop LA mx (232 10/31 Miller-OH)

MARTINIQUE

3315 0025 FR3, Fort de France: FF mx, anmts (222 11/10 Pierce-MA)(433 *1000 11/9 Gross-VA)(232 0200 10/10 Rogers-ME)

MEXICO

5980 0115 XERMX R. México: LA mx, ID @ 0120 (333 10/19 Naylor-CA)
 6105 1205 XEQM Su Pantera: "Voces del Campo" pgm, ads, lots of IDs (322 10/31 Miklejewski-MN)(Fleming-TX)(Zilmer-WI)(Jones-MS)
 6115 1945 XEUDS R. Univ. de Sonora: cl. mx, ID (454 10/25 Thompson-NM)
 6165 1156 XEWV LV de América Latina: mx, ID w/ call XEWV, train whistle (343 10/11 Breedon-MS)(233 1216 10/17 Miklejewski-MN)
 9515 0525 XEWV LV de América Latina: YL tlk (332 11/6 Bixby-CA)
 9705 0340 XERMX R. México: semi-pop mx (322 10/9 Earhart-PA)(322 0340 11/2 Redman-IL)(333 0030 10/14 Trautschold-WI)
 15175 2240 XEWV LV de América Latina: ads, ID (233 11/5 Hall-CA)(Zilmer-WI)
 15385 2130 XERMX R. México: SS musical pgm (444 10/10 Rudolph-AL)(Junqua-JAPAN)(Crabble-ID)(Yajko-PA)(Orr-CO)(Estes-MS)

PERU

- 4790 0210 OAX8F R. Atlántida: non-stop LA mx to 0255 ID (232 11/8 Rogers-ME)(Tannenwald-NY)(Yajko-PA)(Fleming-TX)(Famularo-NJ)(Bryan-CA)(Hauser-TN)(Breedon-MS)(Uerlings-OR)
- 4860 0535 OBZ4Z R. Chinchaycocha: OM DJ, ID, Andean mx (332 10/17 Bryan-CA)
- 4995 0442 OAZ4C R. Andina: ID, Peruvian music (232 10/12 Bryan-CA)
- 5010 0220 OAX8V R. Eco: spts cmntry, TC/ID, mx (323 10/25 Miklejewski-MN)
(Baumgartner-ONT)(Rogers-ME)(Breedon-MS)(Sparks-CA)(Estes-MS)
- 5025 0006 OAX7Q R. Quillabamba: ID, fgy, pop mx (322 10/26 Jones-MS)
- 5040 0730 OCY4Y R. Libertad: LA DJ pgm, off w/ID (222 11/2 Brookwell-CA)
- 5951 *1035 OAX6A R. Arequipa: SS s/on anmts, ID, LA mx, ads (242 11/2 Miller-OH)(242 1035 11/10 Jones-MS)
- 5980 0440 OBX4M R. Panamericana: many ads incl Pepsi & VW, pop mx pgm
(333 11/2 Grenier-CA)(322 0520 10/28 Zink-CA)
- 6082 0716 OAX4Z R. Nacional: LA mx pgm (333 10/19 Junqua-JAPAN)(Breedon-MS)
- 9505 1125 OAX4V R. América: ID, fgy, ad string incl Mennen, Mejoral, etc.
(433 10/16 Jones-MS)(242 0644 10/20 Junqua-JAPAN)
- .9675 1220 OAZ4L R. del Pacifico: church anmts, "La Biblia dice", IDs
(343 10/16 Fleming-TX)(443 1145 10/16 Jones-MS)

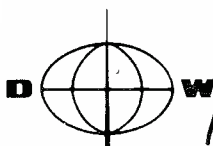
URUGUAY

- 11835 2345 CXA19 R. El Espectador: ads, ID "Desde la Republica del Uruguay"
(444 10/20 Hall-CA)(Orr-CO)(Bryan-CA)(Crabble-ID)

VENEZUELA

- 3215 0150 YVZV Ondas Panamericanas: SS ID, ads (242 11/12 Simson-GFR)
- 3245 0120 YVKT R. Libertador: SS mx, tlk, ID (222 10/24 Tannenwald-NY)
(Miklejewski-MN)(Breedon-MS)(Rogers-ME)(Yajko-PA)
- 3255 2255 YVQL LV de El Tigre: fgy, ID LA pop mx (333 11/8 Gross-VA)(Simson-GFR)(Butterfield-MA)(Yajko-PA)(Earhart-PA)
- 3295 1025 YVOG R. Trujillo: SS ads, TCs, ID "R. Trujillo, super-r-r potente"
(333 10/19 Fleming-TX)
- 3325 *1000 YVRA R. Monagas: s/on w/ NA, ID (433 11/10 Rogers-ME)(343 0600 w/ special late pgm of mx 11/6 Sparks-CA)(323 0120 Yajko-PA)
- 3355 1036 YVLC R. Impacto: ad string, mx, ID as "para Venezuela, Impacto"
(211 10/20 Fleming-TX)(232 0050 11/7 Simson-GFR)
- 3395 0152 YVOJ R. Universidad: LA mx, many IDs (333 10/20 Yajko-PA)(322 0200 10/20 Redman-IL)
- 4770 1035 YVNW R. Bolívar: pop mx, OM DJ (333 11/4 Famularo-NJ)(Fleming-TX)
(343 1020 10/21 Breedon-MS)(333 0018 10/17 Yajko-PA)
- 4780 0130 YVLA LV de Carabobo: nx w/ Rumbos chimes, ads (322 10/13 Fleming-TX)(Miklejewski-MN)(Tannenwald-NY)(Sparks-CA)(Breedon-MS)
- 4800 2315 YVMO R. Lara: SS mx, ID (333 10/17 Burke-VA)(Tannenwald-NY)(Redman-IL)(Earhart-PA)(Famularo-NJ)(Fleming-TX)(Breedon-MS)
- 4820 0600 YVWJ R. Tricolor: pop mx, ads, singing ID (353 11/8 Sparks-CA)
- 4840 0330 YVOI R. Valera: "R. Valera uno supremo" ID, lively promos (423 11/12 Butterfield-MA)(343 1003 w/ country mx 10/14 Jones-MS)
- 4850 0310 YVKX R. Capital: clear ID, U.S. pop mx (232 10/31 Rogers-ME)
(Breedon-MS)(Sparks-CA)(Miller-OH)
- 4860 0216 YVQE R. Maracaibo: ID, mx (233 10/12 Breedon-MS)(222 0910 10/27 Fleming-TX)(343 0340 11/6 Sparks-CA)(333 0245 11/7 Redman-IL)
- 4880 2218 YVMS R. Universo: OM SS tlk, ads, ID (243 11/5 Famularo-NJ)(222 2250 w/ mx, ID @ 2300, tlk on spts 10/13 Tannenwald-NY)
- 4890 1045 YVKB Rdif. Venezuela: "Trabajadores Campesinos" pgm (222 10/16 Tannenwald-NY)(Famularo-NJ)(Redman-IL)(Burke-VA)
- 4900 0210 YVNK R. Juventud: U.S. rock mx (333 11/8 Arneson-MO)(Fleming-TX)
(Famularo-NJ)(Orr-CO)(Redman-IL)
- 4940 1035 YVPA R. Yaracuy: SS mx, tlk, ads (322 10/11 Tannenwald-NY)(Yajko-PA)(Thompson-NM)(Bixby-CA)
- 4970 0437 YVLK R. Rumbos: SS tlk, LA MOR m (544 10/30 Somers-CA)(Redman-IL)(Thompson-NM)(Bryan-CA)(Trautschold-WI)
- 4980 0029 YVOC Ecos del Torbes: ads, ID, MOR mx (433 11/4 Rafe-NY)(Redman-IL)(Thompson-NM)(Trautschold-WI)(Tannenwald-NY)(Brookwell-CA)
(Fleming-TX)(Breedon-MS)
- 5030 0125 YVMK R. Reloj Continente: LA pop mx, ads (444 11/9 Thompson-NM)
(Fleming-TX)(Breedon-MS)(Bryan-CA)(Butterfield-MA)
- 5040 1030 YVQH R. Maturín: ads, lottery results (332 10/16 Fleming-TX)
(Rogers-ME)(Breedon-MS)(Baumgartner-ONT)(Bixby-CA)(Redman-IL)
- 5050 0532 YVKD R. Mundial: LA & US pop mx, IDs (433 10/16 Zimarowski-MA)
(333 0840 10/13 Tannenwald-NY)(322 0500 10/12 Bryan-CA)
- 6119v 1044 YVXS R. Angostura: Rumbos net nx, tlk, mx (222 10/28 Breedon-MS)
- 6170 0417* YVKO R. Nacional: s/off anmts, NA (322 10/16 Zimarowski-MA)

SWBC DX EUROPE



RADIO NEDERLAND

PO BOX 222
HILVERSUM
HOLLAND

Editor:
WADE SMITH
59 Benoit Street
Westport, MA 02790

Deadline: 15th
Times and Dates: GMT
Frequencies: kHz

ALBANIA

5057	0504	R. Gjirokaster: Piano mx, Albanian w/om Hx (322 10/30 Young-CA)
5960	*2228	R. Tirana: IS, ?LL talks (322 10/22 Zilmer-WI)
6200	0130	R. Tirana: s/on EE ID, Sked., nx, comnty also 0230 & 0330 (7 reports)
7065	*2030	R. Tirana: EE nx & comnty (544 10/30 Spencer-OK) 0025 444 10/13 Redman-IL)
7120	0300	R. Peking via R. Tirana: EE comnty & lyrics of 3 great revolutionary songs(544 Watts)(Schipelliti-MA) (Spencer-OK)(Redman-IL)
7300	0230	R. Tirana: EE nx (433 11/8 Schipelliti-MA)
9430	2110	R. Tirana: SS nx (Fair 11/7 Bryan-CA)
9480	1845	R. Tirana: EE comnty on Economy (434 10/30 Cohen-NJ)
9780	*0300	R. Peking via R. Tirana: IS EE ID nx (555 Schipelliti-MA) (Bryan-CA)(Stuart-MA)(Redman-IL)
9790	*2330	R. Tirana: IS SS ID nx to LA (545 11/8 Schipelliti-MA)
11985	1115	R. Tirana: EE comnty & mx (323 10/17 Yajko-PA)

AUSTRIA

6015	0430	R. Austria (ORF): EE mx & sports (444 10/23 Pollard-RI)
6155	0150	R. Austria (ORF): EE "Report from Austria" (333 10/30 Yajko-PA)
15305	1459	R. Austria (ORF): IS GG ID, nx, classical mx (444 11/7 Pecenka-IN)
15335	1850	R. Austria (ORF): EE Tlks (433 Miller-OH)(GG *1700 Cohen-NJ)
17765	*1330	R. Austria (ORF): GG Tlks (322 11/6 Zilmer-WI)

BELGIUM

9725	*0015	RTB/BRT-4: EE s/on, ID, "International Sunday" (322 11/1 Smith-AL)
11940	1745	RTB/BRT-4: EE Beetles mx, letterbox, nx (333 11/5 Hall-CA)
21460	*1500	RTB/BRT: drum IS, ID, nx (454 10/30 Cohen-NJ)(10/9 Fleming-TX)

BULGARIA

5915	0430	R. Sofia (Plovdiv): SS to LA (343 Legge-VA)
7115	0430	R. Sofia (Plovdiv): EE to LA (343 Legge-VA)
7135	2350	R. Moscow via Plovdiv: SS Tlks (222 10/10 Brookwell-CA)
9560	2205	R. Sofia: EE nx, comnty s/off 2230 (422 10/16 Zilmer)
9700	2130	R. Sofia: EE nx, Dx pgm (7 reporters)

CZECHOSLOVAKIA

5930	*0100	R. Prague: EE IS "Report of Week & Armchair Travel Pgm" also at 0300 (453 Smith-AL)(Davidonis-MA)(Malone-MA) (Schipelliti-MA)(Willis-PA)
7345	0130	R. Prague: EE Dx Pgm also at 0330 (6 reports)
9505	0945	R. Prague: EE nx (322 10/26 Flemming-TX)
9540	*0100	R. Prague: EE nx, comnty & Folk mx--repeated @0300 (333 10/9 Garner-ONT)(Naylor-CA)(Stuart-CA)
11990	*1730	R. Prague: EE "Review of the Week" (322 11/7 Rafe-NY) (Bryan-CA)(2040 Kukan-NJ)
17840	1400	R. Prague: EE nx (322 10/24 Zilmer-WI)

DENMARK

15165	*1900	R. Denmark: Danish/EE ID Danish pgm (455 10/24 Schipelliti-MA)(344 11/7 Pecenka-IN)
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FINLAND

9550 2100 R. Finland: EE "It's Saturday" to W. Eur. (222 10/30 Zilmer-WI)
 11755 *1330 R. Finland: IS EE pgm to NA (433 11/7 Zilmer-WI) (1427 222 11/7 Hauser-TN)
 15110 *1330 R. Finland: EE to NA nx (333 9 reporters)
 15265 *1900 R. Finland: EE to Afr. (322 10/24 Cohen-NJ)

FRANCE

11705 *1700 R. France International: EE "Paris Calling Africa" also heard on 11890, 11930, 15200, 15210, 15300, 15425) (13 reporters--Yajko, Hauser, Naylor, Smith-AL), Arneson, Willis, Grenier, Watts, Fowler, Kukan, Schipelliti, Lull, Smith-FL)
 15155 1345 RFI:FF pgm (444 10/24 Naylor-CA)
 15315 1142 RFI:FF pgm // 15300 (352 10/20 Jones-MI)
 15440 1310 RFI:FF pgm to NA // 15265, 17780 (454 10/16 Earhart-PA) (454 10/27 Pecenka-IN)
 21580 *1515 RFI:FF/EE pgm // 21580 (443 10/24 Zilmer-WI)(Fair 10/10 Bryan-CA)(353 10/12 Famularo-NJ)

GERMANY-EAST

6040 0226 R. Berlin International: SS pgm to LA (343 10/14 Jones)
 11700 1530 R.B.I.: EE nx (433 10/31 Famularo-NJ)
 15115 1210 R.B.I.: EE nx for S. E. Asia (242 11/11 Schipelliti-MA)

GERMANY-WEST

6010 *0130 Deutsche Welle: EE s/on then nx // 6040 (Antigua), 6075, 6100 (Malta) (433 10/17 Yajko-PA)(Lull-MI)(Watts-IN) (Spencer-OK)
 6075 *0130 DW:EE s/on nx, current affairs magazine (555 11/1 Smith-AL)(Lull-MI)(Thompson-NM)
 6085 *0155 DW:GG s/on (Hauser-TN)
 6145 2305 DW:GG pgm (433 10/17 Estes-MS)(0218 Bryan-CA)
 6185 *0530 DW:EE nx & views (433 10/14 Redman-IL)
 7265 0100 Sudwestfunk: GG nx, WRP, TC (333 10/31 Schwartz) (0755 Gross-VA)(0340 White-FL)
 9565 0430 DW:EE nx (433 10/20 Dutkowski-BC)(0130 353 Lull-MI)
 9605 0310 DW:EE nx (444 10/15 Stuart)
 9650 1025 DW:EE nx (242 10/26 Fleming-TX)
 9700 0015 DW:GG pgm (544 Heckenlively-SD)(10/21 Grenier-CA)
 9765 2120 DW:EE contest talk to Africa (333 10/24 Yajko-PA)
 11795 1735 DW:GG pgm (11/7 Bryan-CA)
 11810 0030 DW:SS pgm (333 10/27 Burks-VA)
 11865 0130 DW:EE nx (454 10/24 Lull-MI)
 11905 2000k DW:EE nx to Africa // 15150 (333 Famularo-NJ) (QRMRSA 11900 Cohen-NJ)
 15150 1935 DW:EE nx & press review to W. Africa (555 10/25 Schipelliti-MA)(Estes-MS)(Earhart-PA)
 15245 *1330 DW:GG (555 10/24 Schipelliti-MA)

GREECE

9760 *0015 Voice of Greece: 15 min. nx to NA (433 10/20 Lordo-SC) (Famularo-NJ)(Cralle-ID)(Watts-IN)(Earhart-PA)(Rafe-NY)(0215 Dutkowski-BC)
 11875 0220 VOG:EE nx (434 10/27 Yerlings-OR)(422 10/31 Famularo-NJ)
 15345 1220 VOG:EE string mx, ID @ 1230 (343 10/8 Earhart-PA) (Greek @ 1200 White-FL)

HUNGARY

5965 *2130 R. Budapest: EE nx to Eur. (433 10/23 Lordo-SC) (444 10/26 Famularo-NJ)(333 10/25 Yajko-PA)
 6000 0200 R. Budapest: EE nx (Zink, Lordo, Davidonis, Kukan, Spencer, Watts)
 7215 *0300 R. Budapest: EE nx (434 11/11 Schipelliti-MA)(333 10/9 Garner-ONT)(433 10/15 Redman-IL)
 9833 *0200 R. Budapest: EE nx (333 10/1 Garner-ONT)(311 10/30 Yerlings-OR)
 15160 1218 R. Budapest: EE ID, Dx pgm (545 11/11 Schipelliti-MA)
 17715 1200 R. Budapest: EE to Europe // 15160 (232 11/11 Legge-VA)

ICELAND

12175 1248 R. Reykjavik: Icelandic Y1 talks the local mx (544 10/26 Young-CA)

ITALY

6010 0120* Radiotelevisione Italiana (RAI): EE mx, comtry ID Sked. (323 Schwartz)(211 Spencer-OK)(333 Arneson-MO) (322 Yajko-PA)(444 Schipelliti-MA)

<u>ITALY (cont'd)</u>		
9575	*0100	RAI:EE nx to NA (Rogers, Dutkowski, Uerlings, Miller, Garner, Pecenka, Schipelliti, Bryan, Fowler, Hall, Smith-FL)
9710	*0100	RAI:EE IS YL-ID-nx (433 11/8 Bryan-CA)
11800	1940	RAI:EE nx // 9710 (353 10/31 Miller-OH)(434 10/16 Yajko-PA)(332 10/3 Smith-FL)
21510	1650	RAI: Italian pgm (good 10/10 Bryan-CA)(*1457 354 10/10 Famularo-NJ)
<u>LUXEMBOURG</u>		
6090	0000	R. Luxembourg: EE R&R mx, ID, TC, Wx (schipelliti, Kukan, Yajko, Schwartz, Redman, Smith-AL, Saxon, Rafe)
<u>MALTA</u>		
6080nf	*2045	R. Mediterran: EE "Malta Calling" Sat. only, moved from 6170, also IBRA and AWR using this frequency (333 11/13 Butterfield-MA)
6100	0130	Deutsche Welle: EE nx (353 10/24 Lull-MI)(444 10/15 Willis-PA)(0030 SS/PP pgm 333 10/19 Fleming-TX)
<u>NETHERLANDS</u>		
6025	*2300	R. Netherland: IS, ID(Dutch), SS pgm (433 10/13 Famularo-NJ)
9715	2300	R. Netherland: IS, SS, ID, Pop mx (Good 11/7 Bryan-CA)
11950	0300	R. Netherland: EE nx, stamp pgm (444 11/7 Malone-MA)
17700	1950*	R. Netherland: EE daily 80 min. pgm to Afr. (454 10/16 Lordo-SC)
21480	1400	R. Netherland: EE "Happy Station" pgm (342 10/24 Zilmer)
<u>NORWAY</u>		
9590	1400	R. Norway: EE nx to Eur. (322 10/24 Zilmer-WI)
11850	1800	R. Norway: EE "Norway This Week" to NA // 11860, 15175 (422 10/24 Zilmer-WI)(333 10/24 Fleming-TX)
11860	1800	R. Norway: EE nx to Eur. (322 10/31 Zilmer-WI)(333 10/24 Grenier-CA)
11870	2200	R. Norway: EE "Norway This Week" (433 10/17 Zilmer-WI)
11895	1200	R. Norway: EE nx (322 10/31 Zilmer-WI)(1700 NN 323 11/7 Seltzer-MO)
15175	1600	R. Norway: EE "Norway This Week", 1800, 1900, 2132 (Garner, Rafe, Pecenka, Bryan, Hall, Schipelliti, Willis, Naylor)
15345	1400	R. Norway: EE nx to E. Africa (433 10/24 Zilmer-WI) (1520 NN 544 11/7 Pecenka-IN)
17795	1600	R. Norway: EE nx to NA (433 10/24 Zilmer-WI)
21655	1400	R. Norway: EE nx to Afr. (343 10/24 Zilmer-WI)
21730	1500	R. Norway: NN nx (242 11/10 Legge-VA)
<u>POLAND</u>		
6095	1930	Polish Radio: Swedish pgm (222 11/4 Kukan-NJ)
6135	*2230	Polish Radio: EE nx (333 10/26 Yajko-PA)(333 11/2 Cohen-NJ)(0206 322 10/30 Zilmer-WI)
6183	0200	Polish Radio: EE pgm--announced freq. 15125, 11815, 9675, 6183, 6135, 6095 to NA (422 1/30 Zilmer-WI) (221 10/16 Kukan-NJ)(0109 Polish 11/8 Hauser-TN) (322 11/8 Fleming-TX)
7270	0200	Polish Radio: EE ID, Freq., nx (222 10/3 Fowler-ONT)
9540	*1600	Polish Radio: EE ID, Freq., nx (252 10/23 Famularo-NJ)
9675	*0200	Polish Radio: EE pgm (232 10/25 Burke-VA)
<u>PORTUGAL</u>		
5970	0600	R. Free Europe: Czech. pgm (353 11/7 Earhart-PA)
6025	0230	R. Portugal: EE nx, Dx Club, Listeners Mailbox (444 10/30 Malone-MA)(433 10/15 Famularo-NJ)(444 11/1 Smith-AL)(0520 PP 434 10/25 Worman-WI)
9565	2138*	R. Free Europe: Lisbon? Bulgarian ID "Tuk E Radio Svoboda Europa" Sundays (433 10/16 Butterfield-MA)
9670	2030	IBRA (SINES): EE "Rex Dunbar" Rel. Pgm. s/off 2200* (433 10/21 White-FL)(1800 RR 444 11/11 Schipelliti-MA)
11935	0245	R. Portugal: EE pgm to NA (333 10/25 Perry-QUE)(454 11/11 Schipelliti-MA)(0525 252 10/31 Earhart-PA)
15340	1700	R. Portugal: EE nx (233 10/31 Hall-CA)
17735	1520	R. Free Europe: Rumanian R&R show (344 10/24 Famularo)
21495	1354	R. Portugal: PP pgm (454 10/10 Famularo-NJ)
<u>ROMANIA</u>		
5990	0140	R. Bucharest: EE nx (322 11/10 Davidonis-MA)(433 10/30 Yajko-PA)(0223 343 10/14 Jones-MI)
6155	0415	R. Bucharest: EE "Radio Newsreel" (312 10/24 Willis-PA)



ROMANIA (cont'd)

9570 0130 R. Bucharest: EE nx (333 10/13 Garner-ONT)(333 10/30 Uerlings-OR)(544 10/1 Heckenlively)(433 10/30 Zilmer)
 R. Bucharest: EE ID, Romanian mx (343 11/6 Miller-OH) (343 10/31 Yajko-PA)
 R. Bucharest: EE interviews (433 10/13 Famularo-NJ)
 11790 1745 R. Bucharest: EE pgm to Afr. (243 11/9 Uerling-OR)
 11830 0540 R. Bucharest: EE sports & nx to Eur. (333 11/11 Rafe-NY)(343 10/2 Fowler-ONT)(443 10/31 Zilmer-WI) (1130 FF 444 11/11 Schipelliti-MA)
 11940 1315 R. Bucharest: EE nx (433 10/24 Famularo-NJ)(243 10/27 Pecenka-IN)(444 11/1 Smith-AL)(433 11/5 Seltzer-MO)

SPAIN

6065 0100 R. Nacional de Espana: EE "Panorama" pgm 443 (Malone, Kukan, Pollerd, Redman, Yajko, Davidonis)
 6100 *2030 RNE:IS EE pgm (232 10/26 Schipelliti-MA)
 6120 *0100 RNE:SS pgm w/ delightful mx (545 10/17 Fleming-TX) (0428 433 11/4 Jones-MI)
 6130nf 0050 RNE:IS & EE ID strong until 0100 when R.M. drowns it out (222 10/29 Brookwell-CA)
 9360 0435 RNE:SS pgm (342 11/7 Pecenka-IN)
 9505 1900 RNE:SS pgm (433 10/16 Redman-IL)
 9520 2330 RNE:SS pgm (333 10/19 Hall-CA)(0120 443 10/15 Miller)
 9530 1045 RNE:SS pgm w/ continuous mx (444 10/16 Earhart-PA)
 9570 1050 RNE:SS pgm to Eur. (545 11/11 Schipelliti-MA)
 9630 0200 RNE:SS pgm (544 Miller-CA)(2250 Good Bryan-CA)
 9640 0100 RNE:SS pgm (433 10/21 Grenier-CA)
 11775 0154 RNE:SS pgm (343 10/21 Naylor-CA)
 11880 0120 RNE:EE pgm to 0400 (434 10/27 Bethge-MO)(444 10/14 Redman-IL)(243 11/3 Seymour-NC)

SWEDEN

6035 0030 R. Sweden: nx, S. C. Dx'ers (333 10/27 Arneson-MO) (433 10/27 Yajko-PA)(2300 343 11/9 Vogel-PA)(*0230 FF 11/9 Zilmer-WI)(422 10/13 Redman-IL)
 6045 2315 R. Sweden: nx to NA // 6120 & 9695 (422 Zilmer-WI) 0246 FF 544 10/27 Schipelliti-MA)(0300 SS 523 10/20 Watts-IN)
 6065 2100 R. Sweden: EE "Panorama pgm" (444 10/25 Schipelliti-MA)(2100 422 10/26 Zilmer-WI)
 6115 0250 R. Sweden: EE pgm (322 10/29 Uerlings-OR)
 6120 *2300 R. Sweden: EE "Panorama" (433 11/1 Smith-AL)(433 10/27 Yajko-PA)(534 10/19 Lordo-SC)(343 10/26 Crable)
 9630 1100 R. Sweden: EE nx to Eur. (332 10/29 Zilmer-WI)
 9695 *0230 R. Sweden: EE "Panorama" (433 10/28 Uerlings-OR) (333 10/14 Miller-CA)(333 10/22 Dutkorski-BC)
 11735 *1600 R. Sweden: EE nx & "Panorama" (333 10/12 Famularo-NJ)
 11780 1730 R. Sweden: PP pgm (Poor 11/7 Bryan-CA)
 11870nf *1400 R. Sweden: EE nx, mailbag // 15305 (433 10/31 Zilmer)
 11920nf *1400 R. Sweden: EE nx, mailbag // 9750 (433 11/7 Zilmer-WI)
 11955 1130 R. Sweden: FF nx to Eur/Afr (444 11/11 Schipelliti-MA)
 15305 *1400 R. Sweden: EE "Panorama" (Eaton, Willis, Pecenka, Yajko, Fleming, Fowler, Rogers, Heckenlively and @ 1230 Sun. Saxon)
 17770 *1330 R. Sweden: FF mailbag (444 11/18 Perry-QUE)(433 11/7 Zilmer-WI)
 17790 *1800 R. Sweden: Swedish test pgm in USB to SA (322 10/24 Zilmer-WI)

**"TIS THE SEASON
 TO BE JOLLY
 "MERRY CHRISTMAS!"**

SWITZERLAND

3985 0640 Switzerland-SBC: EE pgm w/ Polkas (222 10/25 Hammer)
 5965 0145 SBC:EE nx (555 10/24 Lull-MI)
 6045 0435 SBC:EE "Switzerland-a-la-Carte" (544 11/7 Somers-CA) (322 11/16 Arneson-MO)
 6135 *0145 SBC:EE "Dateline" (Malone, Lull, Famularo, Rogers, Earhart, Kukan, Crable, Peters, Bryan)
 6165 2130 SBC:EE pgm (434 10/26 Schipelliti-MA)
 9565 0152 SBC:EE nx (322 10/29 Spencer-OK)
 9570 2110 SBC:EE nx (434 10/21 Yajko-PA)(2300 PP Earhart-PA)
 9725 *0145 SBC:EE pgm (444 10/24 Fowler-ONT)(354 10/25 Worman-WI) (544 10/24 Somer-CA)(10/24 Lull-MI)
 11715 0145 SBC:EE "Swiss Merry-Go-Round" (10/24 Lull-MI)
 11775 0900 SBC:EE pgm to Far East (444 10/27 Brookwell-CA)(1320 433 10/2 Fowler-ONT)(1320 433 Yajko-PA)
 15140 0115 SBC:EE nx (444 10/16 Willis-PA)
 15305 2115 SBC:EE commentary (222 10/4 Garner-ONT)

SWITZERLAND (cont'd)

15430 1530 SBC:EE nx // 17830 (433 10/24 Yajko-PA)
21585 1632 SBC:FF tx (Poor 10/10 Bryan-CA)

UNION OF SOVIET SOCIALIST REPUBLICS

AZERBAIJAN SSR

7335t 2250 R. Baker:SS nx (323 10/26 Yajko-PA)--not listed as having SS pgms, Zhigulevsk also listed here

BYELORUSSIAN SSR

11745 1130 R. M. via Minsk: EE to Great Britain // 11705, 11830 (232 11/10 Legge-VA)
11810 1230 R. M. via Minsk: Arabic pgm // 11800 (333 11/10 Legge)

LATVIAN SSR

5935 2128 Latvijas R. via Riga: IS, Latvian ID then into Swedish pgm with nx s/off 2200* (333 11/2 White-FL)
12020t 1422 "Radiostantsiya Atlantica" via Riga(?): RR talks // 15455 (343 11/7 White-FL)(1200 RM via Riga in RR 333 11/11 Legge-VA)

EUROPEAN SSR & Undetermined Sites

5930 0522 R. Murmansk: RR Local IS (433 10/24 Young-CA)
6183 0500 R. Moscow: EE pgm to WCNA (444 11/4 Hall-CA)
7150 0115 R. Vilnius: EE pgm (343 10/22 Famularo-NJ)
7215 0128 R. Vilnius: EE pgm @ 0130 into RR pgm "Golos Rodina" (Voice of the Homeland) (11/8 Hauser-TN)
7305 0020 Mayak pgm: RR talk then opera mx (222 10/9 Brookwell)
7310 2320 R. Vilnius: EE talks (434 11/6 Rafe-NY)
7360 1950 R. Kiev: EE pgm (333 10/25 Rogers-ONT)
7390 0308 R. Kiev: EE talks (343 10/3 Mercado-CA)
9600 *2000 R. Rodina: RR ID talks, soft mx (534 11/1 Cohen-NJ)
9610 2302 R. Vilnius: EE pgm ann. in part 11690 & 15100 and also heard on 7400, 7215, 7150 (Hauser-TN)
9710 1720 R. M.:RR mx, ID, Talks (453 10/14 Dawson-CA)
11690 2330 Radiostantsiya Rodina: IS RR s/on (444 11/7 Redman-IL)
17745 1200 R. M. via Kursk: RR pgm // 15240/15455 (222 11/11 Legge)
17765 1500 R. M. via Tula: EE to Africa (343 11/11 Legge-VA)

UKRAINIAN SSR

4920 2045 R. Moscow via Kiev: GG w/ clear ID @ 2100 (444 11/9 Butterfield-MA)
15455 1654 "Radiostantsiya Atlantica" via Simferopol: RR talks, ID @ 1657 (355 10/23 Watts-IN)

UNITED KINGDOM

3975 0640 BBC-Eur. Sce.: FF/EE lessons (Hammer, Cohen, Earhart)
6150 0000 DW relay via G.B.: GG nx (444 Brookwell)
18080 1350 BBC-W.S.: Bengali talks (Yajko-PA)

VATICAN

5995 *0100 Vatican R.: EE Rel. nx (444 10/26 Pollard)(433 10/30 Spencer-OK)
9605 *0100 Vatican R.: EE Rel nx (333 Hall, Pecenka, Bethge, Fowler; 544 Garner)
9645 2045 Vatican R.: EE Rel. tlks (Fair 11/7 Bryan-CA)
11700 0010 Vatican R.: EE Rel. pgm (252 10/24 Roger-ONT)(0010 SS 555 10/25 Fleming-TX)
11735 1450 Vatican R.: EE Rel. pgm (333 10/31 Famularo-NJ)
11740 1450 Vatican R.: EE Rel. pgm (322 11/2 Famularo-NJ)
15120 1700 Vatican R.: EE Rel. nx (344 10/23 Watts)

LOVE
JOY
PEACE

YUGOSLOVIA

9620 *2200 R. Belgrade: IS EE ID, nx (333 Gross, Bryan, Kukan, Schipelliti, Uerlings, Famularo)

CLANDESTINE

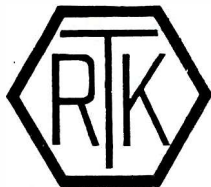
10110 *2200 R. Espana Independiente: IS, SS ID, tlks (333 10/30 Seymour-NC)(1800 333 10/13 Famularo-NJ)(2310 444 Perry)
11695 1630 Radio-Ye-Peyk-e Iran (Radio Courrer of Iran) believed from Bulgaria in Farsi with many ID's and some harp mx (444 10/12 Famularo-NJ)

Every "Christmas Season" many European broadcasters carry special Christmas shows of music, stories and folklore which are often overlooked by Dx hunters. Don't be among them, take some time out and listen to these specials.

That's all for this month except to thank the 65 reporters this month and to wish all happy holidays. 73. Wade

SWBC DX

AFRICA



Radio Television Kaduna

Editor:
RALPH FAMULARO
204 Olean Avenue
Jersey City, NJ 07306

Deadline: 15th
Times & Dates: GMT
Frequencies: kHz



FEBA
Seychelles

ALGERIA

17785 1200 Radiodiffusion Television Algerienne: AA pgm // 17735 ex-17790 (242 Legge-VA)

ANGOLA

5060t 2115 Radio Nacional de Angola, Huambo: PP? w/afro mx, native chants, NO ID heard so is tentative. RTTY QRM (222 11/9 Butterfield-MA)

ASCENSION ISLAND

6015 0259 BBC Relay: Big Ben into SS pgm (333 10/15 Stuart-OK)
9580 2318 BBC Relay: EE "World Radio Club", ID (555 11/10 Schipelliti-MA) (Grenier-CA)(Bryan-CA)(Thompson-NM) all in EE

BENIN

4870 2030 La Voix de la Revolution Beninoise: EE s/on w/ID into nx to 2037 then into FF. Seems regular at 2030 now (433 11/9+ Butterfield-MA)(Redman-IL)(Brookwell-CA)(Yajko-PA)(Fowler-ONT) (Famularo-NJ)(Schwartz-DE)(Bryan-CA)(Wakisaka-JAPAN)

BOTSWANA

4845 2140 Radio Botswana: Setswana tlk, native mx (343 10/17 Yajko-PA) (Bixby w/ Cowbell IS, 332 11/6 in CA)

CAMEROON

4972.5 *0428 Radio Yaounde: w/ balafon IS, EE ID, NA@ 0430 FF ID, freqs, FF?Vern mx pgm (323 10/31 Orr-CO)
5010 0425 Radio Garoua: IS to 0428 w/ IDs in EE & FF, into vern pgm (333 10/10 Rogers-ME)

CANARY ISLANDS

9560 2030 R. Nacional de Espana, Tenerife: SS to Middle East (232 11/11)
11800 2215 RNE, Tenerife: SS ID, tlks, mx (353 10/31 Dawson-CA) Legge-VA

CAPE VERDE ISLANDS

3885t 0043 R. Clube Cabo Verde: PP OM tlk severe ham QRM (121 11/7 Bixby-CA)
4721t 1000 R. Clube Mindelo CR4AB: PP announcer w/ S. Sea songs & w/drums & primitive zylophone. Same freq as SSB Andrews AF Base which clobbers ID w/wx on the hour (222 11/1 Brookwell-CA)

CENTRAL AFRICAN REPUBLIC

5038 0512 Radiodiffusion Nationale Centrafricaine: FF pop mx, annx (444 10/30 Young-CA)(Bixby-CA)(Bryan-CA)(Earhart-PA)(Rogers-ME) (Yajko-PA)

CHAD

4904.5 0430 Radiodiffusion Nationale Tchadienne: FF s/on w/NA, annx by YL into Afro mx (322 10/12 Redman-IL)(333 *0430 10/25 Seymour-NC) (433 2117 10/16 Yajko-PA)(323 2103 11/9 Butterfield-MA)

CONGO, PEOPLE'S REPUBLIC OF THE

4765 1850 Radiodiffusion Television Congolaise: FF tlk, ID (232 11/5 Wakisaka-JAPAN)(Brookwell-CA)(Bixby-CA)(Bryan-CA)
15190 1850 RTC: FF nx, ID, political diatribe against imperealists (444 11/2 Schwartz-DE)(Kaufman-NY)(Bryan-CA)(Earhart-PA) and in EE by (444 2127 10/16 Yajko-PA)(444 11/1 Thompson-NM)

EGYPT

7075 2247 R. Cairo: AA Home sve. w/chants (242 10/25 Yajko-PA)
 7225 0813 R. Cairo: AA Home sve. w/ mx, OM annx (333 11/9 Gross-VA)
 9475 *0200 R. Cairo: EE s/on by YL, nx, QRM from Moscow (322 10/25
 Crable-ID)(Yajko-PA)(Bryan-CA)(Famularo-NJ)(Redman-IL)
 (Pecenka-IN)(Somers-CA)(Earhart-PA)
 11785 0704 R. Cairo: AA nx by OM (353 10/28 Putney-NJ)

ETHIOPIA

11800 0530 ETLF: EE news (242 8/15 Dalrymple-AUSTRALIA)
 11830 1945 ETLF: EE ID, long tlk by YL (232 11/1 Burke-VA)(322 2012
 11/4 Famularo-NJ)
 11910 1945 ETLF: EE s/on, nx (322 11/11 Malone-MA)

GABON

4777 0524 Radiodiffusion Television Gabonaise: FF OM tlk, afro vocals
 (343 10/12 Bryan-CA)(322 2230 10/25 Yajko-PA)(221 2106 10/31
 Famularo-NJ)
 4830 2255 FTG: FF tlks by OM into mx pgm (333 10/19 Redman-IL)

GHANA

3366 0020 Ghana Broadcasting Corporation 2, Accra: EE OM annxing box-
 ing match, ID at 0115 w/TC (222 11/7 Fleming-TX)(333 2251
 10/21 Yajko-PA)(222 2240 11/1 Famularo-NJ)
 4915 0559 GBC 1, Accra: EE nx (141 11/6 Pecenka-IN)(??? 0600 11/10
 Butterfield-MA)(433 0611 11/2 Schwartz-DE)(444 0547 Bryan-CA)
 4980 2130 GBC 2, Ejura: EE rel tlk & mx (433 10/17 Yajko-PA)(323 0618
 11/10 Butterfield-MA)(322 0617 10/17 Bryan-CA)
 21720 1250 GBC, Ejura: Vern rel tlk & mx (243 10/24)WOE! - Yajko-PA

GUINEA REPUBLIC

4910 2140 Radiodiffusion Nationale: Vern tlk, afro mx (232 11/1 Famu-
 laro-NJ)(252 0259 10/11 White-FL)(131 0015 11/8 Fleming-TX)
 in FF by (222 0030 10/29 Rogers-ME)

IVORY COAST

4940 2359 Radiodiffusion Television Ivoirienne: FF OM tlk, rousing
 anthem, COO1* // 11920 (444) (322 11/5 Bixby-CA)(Yajko-PA)
 (Redman-IL)(Bryan-CA)(Schwartz-DE)
 11920 0645 RTVI: FF tlk, ID by YL @0645 (252 10/22 Zank-NE) (343 1920
 11/3 Wakisaka-JAPAN)(444 1915 11/6 Estes-MS) Last 2 in EE.

KENYA

4855t 1840 Voice of Kenya: Vern w/afro mx, tlk (333 11/5 Wakisaka-JAPAN)
 4885 1459 VO Kenya: Swahili mx, 1500 nx, march at 1510, ID + local
 pop mx (333 11/2 Junqua-JAPAN)(343 11/3 Wakisaka-JAPAN)

LIBERIA

4770 2145 ELWA: EE w/end of rel pop mx, ID, relay of VOA nx (222 10/17
 Burke-VA)(333 10/24 at 2209 in: EE Yajko-PA)
 11945 2045 ELWA: EE Liberian nx (252 10/20 Pecenka-IN)(333 10/16 Yajko-PA
 15445 1710 VOA relay, Monrovia: EE "Africana" pgm (333 10/9 Fowler-ONT)
 17870 1845 VOA relay, Monrovia: EE w/2 YLs commenting on Elvis Presley
 and playing some of his mx (--3 11/7 Bryan-CA)

LIBYA

6185 2200 People's Revolutionary Broadcasting: AA tlk, mx (422 10/27
 Zilmer-WI)

MALAGASY

11730 2050 Radio Nederland relay, Talata: EE w/ mx of Yugoslavia and
 Macedonia, IDs, off at 2120 (353 11/5 Thompson-NM)(454 2045
 10/27 Pecenka-IN)(--4 1958 11/7 Bryan-CA)
 15220 2012 Radio Nederland relay, Talata: FF songs, YL anncr. (353 10/9
 Earhart-PA)(333 11/6 Grenier-CA)

MALAWI

3380 0314 Malawi Broadcasting Corporation: DX has returned w/OM reading
 a calender of some sort in EE & Chichewa (333 11/6 Bixby-CA)

MALI

4783 *0600 Radiodiffusion du Mali: FF ID,sked,nx (333 11/2 Schwartz-DE)
 5995 2100 R. du Mali: FF w/afro-Islamic mx, ID,TC (343 11/9 Rogers-ME)
 9595 0708 R. du Mali: FF nx following marching band IS (222 10/26
 Brookwell-CA)

MAURITANIA

4845 2240 Radiodiffusion Nationale Mauritanie: AA w/2 OM tlking (433 11/8 Gross-VA)(Zilmer-WI)(Famularo-NJ)(Redman-IL)(Fowler-ONT) at 0605 by (Bryan-CA)(Orr-CO)(Schwartz-DE)

MOROCCO

6170 2236 Radiodiffusion Television Moracaine: AA chants (444 10/17 Estes-MS)(332 2336 10/30 Bixby-CA)
 7115 0159 VOA, Tangier: EE s/on into Urdu pgm under Moscow (312 10/24 White-FL)
 9615 2245 RTM: AA mx and chanting (--3 11/7 Bryan-CA)
 15360 1320 RTM: AA w/flute mx, chants // 15330 (323 (333 11/1 Famularo-NJ)

MOZAMBIQUE

4865 0617 R. Mozambique: Vern w/ songs (shouting), excited tlk, slow drum & dinner gong IS Bad QRN (212 10/25 Brookwell-CA)
 4917.5 0355 UNIDENTIFIED STATION w/IS, s/on, mx, tlks in PP (here only one day) (544 10/27 Young-CA) Any ideas? rmf.

NIGER

5020 *0530 Office de Radiodiffusion Television du Niger: FF w/anthem, flute IS, ID, AA chant // 3260 (343 10/10 Rogers-ME)(333 10/30 Young-CA)

NIGERIA

3396 *0430 Nigerian Broadcasting Corporation, Kaduna: EE/Hausa s/on w/NA, ID in EE into Koran chanting (??? 10/12 Corson-IA) (333 0510 10/16 in Vern Rogers-ME)
 4990 0437 NBC, Lagos: EE OM DJ, piano mx (332 10/12 Bryan-CA)
 6090 0531 NBC, Kaduna: EE nx, Afro mx (322 10/22 Young-CA)
 7275 0655 Voice of Nigeria (NBC): EE s/on, nx (333 11/12 Hammer-OH) (333 0715 10/22 Zank-NE)(243 0805 11/10 Putney-NJ)
 15120 1900 VON: EE mx, OM anncr. "From Lagos goodnite" 1928* (323 10/12 Hall-CA)

RHODESIA

3306 0341 Rhodesian Broadcasting Corporation: Vern w/EE ad, OM anncr, pop mx (333 11/6 Bixby-CA)
 3316 0400 RBC: EE nx (142 11/4 Seymour-NC) Uerlings-CA)
 5015t 1530 RBC: EE OM-YL tlk, & reading of numbers 1545* (211 10/30

RWANDA

15410 *2200 Deutsche Welle, Kigali: GG ID, OM nx after VOA s/off (444 10/17 Estes-MS)

SAO TOME E PRINCIPE

4806.8 0604 R. Sao Tome: PP nx by OM (222 10/30 Young-CA)

SENEGAL

4890 0612 Radiodiffusion du Senegal: AA chanting (333 10/12 Bryan-CA) (322 10/30 Uerlings-OR)(233 11/10 Butterfield-MA) in FF by (332 10/29 2245 Famularo-NJ)(232 10/16 2200 Rogers-ME)

SEYCHELLES

9510 1658 Far East Broadcasting Association: EE& Vern w/ IS, ID and vern nx to East Africa (323 11/6 Uerlings-OR)

SIERRA LEONE

3316 2353 Sierra Leone Broadcasting Service: EE mx, YL annx & freqs NA, off 0000 (222 11/7 Fleming-TX)(333 2356 10/17 White-FL) (322 0618 10/12 in Vern Bryan-CA)

SOMALIA

7121 1540 R. Mogadishu: Somali OM tlk // 9585 (333 11/5 Bixby-CA)
 9585 1823 R. Mogadishu: Somali w/aa mx, id, nx (433 10/20 Famularo-NJ)
 11644.6 1502 R. Hargeisa: Somali YL tlk, mx, ID, chanting // 7121 (433 10/30 Young-CA) Stations are // ? rmf.

SOUTH AFRICA, REPUBLIC OF

3250 0310 South African Broadcasting Corporation (Springbok); EE pop & variety mx, ads, ID (332 10/10 Earhart-PA)(252 11/3 2030 Dalrymple-AUSTRALIA)(343 0100 10/26 Thompson-NM)
 3285 0322 SABC: EE US pop mx, BBC nx (322 10/31 Schwartz-DE)
 3980 0305 SABC: EE/Afrikaans w/mx pgm, IDs (333 10/17 Orr-CO)(Bryan-CA)
 4875 0315 Radio R.S.A: EE "Good Morning Africa", mx (554 11/3 Miller-CA)
 9585 2250 Radio RSA: EE ID (444 11/7 Schipelliti-MA)(Eaton-WI)(Bryan-CA)

(Redman)(Warrenburg-WI)(Woltman-WI)(Craple-ID)(Dutkowski-BC)
(Malone-MA)(Famularo-NJ)

11800 2230 Radio RSA: NF w/EE pgm //11900, 9585, 5980 (322 11/7 Zilmer-
WI)(Orr-CO)(Schipelliti-MA)

21535 *1559 Radio RSA: EE IS,TC, ID, nx, "Saturday Night RSA" (332 10/23
Smith-FL)(Seymour-NC)(Yajko-PA)(Famularo-NJ)(Bryan-CA)

SUDAN

7200 0403 R. Omdurman: AA mx pgm under VOA (212 11/5 White-FL)
11835 1810 R. Omdurman: AA comment by OM, mx interludes (333 11/5 Hall-CA)

SWAZILAND

3240 0323 Trans World Radio: Vern OM anncr, afro choral mx (322 11/5
3275 2010 TWR: EE rel pgm (242 11/24 Dalrymple-AUSTRALIA) Bixby-CA)

TANZANIA

3339 0256 R. Tanzania: Swahili drum IS, annx, chanting (strongest ever
heard) (534 10/26 Young-CA)
4785 0305 R. Tanzania: Swahili drum beat, afro mx, speech, (suprisingly
strong signal)(??? 10/12 Corson-IA)(433 0306 10/28 Young-CA)
(322 1520 11/2 Junqua-JAPAN)

TOGO

5047 2250 R. Togo: FF OM DJ light pop mx (323 11/7 Gross-VA)(Yajko-PA)
(Bixby-CA)(Schwartz-DE)(Bryan-CA)(Redman-IL)

TUNISIA

7225 0759 Radiodiffusion Television Tunisienne: AA tlk by OM, replaces
7275? (353 11/10 Putney-NJ) Perhaps is R. Cairo (HS). rmf.
9580a 0114 RTVT: EE w/Italian mx competition results --as announced(232
10/24 Dutkowski-BC) You sure about this? rmf.
15225 1800 RTVT: AA OM tlk, ID(232 10/17 Bryan-CA)(443 11/1 Bixby-CA)

UGANDA

6130 2145 Uganda Broadcasting Corporation: Vern mx, under Ghana and
// 9730 (422 10/13 Zilmer-WI)
9730 2032 UBC: EE nx by OM (422 10/3 Fowler-ONT)(Hall-CA)(Bixby-CA)
(Bryan-CA)(Zilmer-WI)
15325 *1800 UBC: EE drum IS, ID, pop mx, nx at 1815 to 1830* into FF (333 10/16
Seymour-NC)(333 11/2 Schwartz-DE)(412 10/21 White-FL)

UPPER VOLTA

4815 2324 Radiodiffusion Television Voltaique: FF? tlk pgm (222 10/11 White-FL)

ZAIRE

4750t 0511 R. Lubumbashi: FF OM tlk, mentions of "Congolaise" (232 11/6
Bixby-CA)
15245 1837 La Voix du Zaire: FF YL anncr //15350 (253 11/7 Putney-NJ)
15350 1902 LV du Zaire: FF ID, nX (433 11/2 Schwartz-DE)(Putney-NJ)
(Fowler-ONT)(White-FL)(Peters-KY)(Bryan-CA)(Estes-MS)

ZAMBIA

9580 1720 R. Zambia: Vern tlk on Rhodesia by OM, EE tlk at 1740. At
1800 announced "One Zambia, one nation", into nx (444 11/5
Wakisaka-JAPAN)

Thanks to the 51 reporters this month, and a big welcome to
new reporters: Lynn Burke(VA), Kent Corson(IA), Bill Putney(NJ), report-
er Rudolph(AL)- whose report I omitted (BOO!), Tom Warrenburg (WI),
Ken Eaton(WI), Richard Malone(MA), and last but not least Peter
Schipelliti(MA). Keep up the good work- There was a total of 271
loggings.

AFRICAN DX NEWS

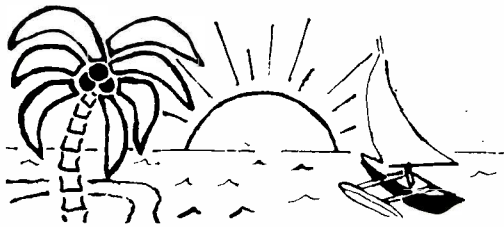
Central African Republic- The Algiers Press Service (APS)
reported on 30th September that the Central African Broadcasting Services
would henceforth be known as "La Voix de la Revolution Centrafricaine"....
.....via BBC Monitoring Service.....

SEASONS GREETINGS TO EVERYONE,
until 1977,

RX

ASIA-OCEANIA

BOB BODELL - EDITOR
5230 S.E. 48th AVE
PORTLAND, OR 97206



DEADLINE: 15th of the month

OCEANIA

RADIO AUSTRALIA

FREQ	TIME	SIO	LOCATION
AUSTRALIA			
4920	0910	333	ME ABC Brisbane: EE tlk, nx, wx, pop mx (Rogers 10/25) (Fleming TX @ 1306) (Yajko PA) (Grenier CA) (Naylor CA)
5995	1105	454	MA RA (L): EE ID, nx (Schipelliti 11/11) (Hammer OH) (Orr CO) (Rogers ONT) (Yajko PA) (Miller CA).....
6045nf	1155	332	MS RA (L): EE mx, // 5995, ex 6005 (Jones 10/31) (Gross)
6090	1105	323	PA ABC Sydney: EE sports nx (Yajko 10/30) (Birby CA @ 0730,
6140	1338	--1	CA ABC Perth: EE tlk by OM, pop mx (Cleveland 10/26)
6150	1244	322	OH ABC Melbourne: EE w/ jazz, ID, sports (Miller 11/7)
7220	1010	554	CA RA (S): EE w/ popular mx, Aust. nx (Miller 10/10)
7240	1500	333	ENG RA (C): EE IS, ID, nx (Sapsford 10/23) (Yajko PA)
9515	1044	333	MA RA (S): EE ID, nx (Schipelliti) (Woltman WI) (Orr CO)
9535	*2100	444	ENG RA (S): IS, ID, nx, cmtry, mx (Sapsford 1/26)
9540	2010	333	VA RA (S): EE w/ international nx (Burke 11/1) (Bryan CA @ 1630) (Earhart PA @ 1103) (Dutkowski BC) (Sapsford ENG)
9570	*0700	344	CO RA (S): EE ID, nx, cmtry (Orr 11/4) (Sapsford ENG)
9580	1133	444	CO RA (S): "Focus on Australia" (Orr) (Dutkowski) (Yajko)
9600	1330	333	ENG RA (S): Thai w/ IS, ID in EE (Sapsford 10/23)
9610	1444	444	WI ABC Perth: tlk, mx, National nx (Eaton 11/2) (Burke VA) (Keilholz CA) (Baumgartner ONT) (Pecena IN) (Yajko)
9660	0747	222	CA ABC Brisbane: WW w/ cricket match (Bixby 11/6)
9700	2258	333	CT RA (C): EE ID, TPs, Thai pgrm (Brooks 11/9) (Smith FL)
9760	0617	555	BC RA (S): EE w/ mx, sports nx (Dutkowski 11/6)
11740	0530	232	ME RA (S): EE nx (Hutchins 11/7) (Earhart PA) (Brookwell CA)
11760nf	1500	222	ENG RA (S): EE w/ IS, ID, ex, 11820, 11965 (Sapsford 11/6)
11820	2225	222	OH RA (S): IS, then into Indo pgrm (Hammer 10/23)
11825	1245	444	ENG RA (S): Chinese w/ ID, nx (Sapsford 10/31)
11845	0530	252	WI RA (S): Aust. nx in brief (Worman 10/30) (Owsley CA)
15160	0400	322	CO RA (L): EE w/ nx, ID, mx (Orr 10/25) (Bryan CA)
15320	0110	333	CA RA (S): EE nx, mx (Grenier 10/21) (Bryan CA) (Naylor CA)
17795	0100	444	NM RA (S): EE nx, IDs, cmtry (Thompson 1030) (Bryan CA)

COOK ISLANDS

5045 0803 322 JPN R. Cook Is: EE relay RA nx, IS, ID, // 5995 (Junqua 10/14) (Snyder CA on 10/17) (Young CA on 10/30).....

COOK ISLANDS

NEW ZEALAND

6015nf 1251* 433 WI RNZ: pop mx, nx, wx (Zilmer 10/24) (Jones MS)
6105 1034* 443 MS RNZ: EE w/ ID, IS (Jones 10/18) (Dalrymple AUST) CA
9540 0530 443 ID RNZ: EE tlk, Samoan nx @ 0555 (Crable 10/24) (Miller
11705 0503 232 ME RNZ: EE nx, wx, BBC pgrm (Hutchins 11/7) (Grenier CA) (Cohen NJ) (Dutkowski BC) (Miller CA) and (?????).....
11845 0630* 242 PA RNZ: EE w/ ID, gave freqs (Earhart 11/7)

Radio New Zealand

PAPUA NEW GUINEA

2376 1206* --- IA R. Chimu: Pidgin tlk by OM, anthem (Corson 10/14)
2450 1202* --- IA R. W. Highlands: Pidgin tlk, choral mx, anth (Corson)
3322 1202 333 CA R. Bougainville: Pidgin tlk, relig. mx (Mitchell 11/7)
3335t 1150 131 TX R. E. Sepik: pop & CW mx, anthem 1200* (Fleming 10/14)
3385 1154 242 OH R. E. New Britain: local mx, drums, anth. (Miller)
4890 1145 232 VA NBC: EE/Pidgin w/ nx, mx, 1300* (Burke 10/26) (Rogers ME) (Zink CA) (White FL) (Rogers ONT) (Famularo NJ) (Bixby)

SOCIETY ISLANDS

11825 & 1900 242 MA R. Tahiti/FR3: EE nx, sports (Schipelliti 10/25),
15170 in French/Tahitian w/ mx (Keilholz CA)(Earhart PA)
(White FL)(Bryan CA)(Seymour NC)(Grenier CA), etc...

SOLOMON ISLANDS

5020 0543 433 CA SIIBS: EE/Pidgin tlk (Young 10/30)(Junqua JPN)(Birby)

Travel the World!!

ASIA

Listen to Shortwave Radio!

BHUTAN

7041 1303 211 CA NYAB: EE w/ mx (TENT. Young 10/27)(Wakisaka 10/13,27)

BRUNEI

4865 1420 332 CA RB: AA relig. tlk, Malay ID, 1430* (Snyder 11/11)
7215 1348 --3 CA RB: EE w/ BB relay (Cleveland 10/28)(Dalrymple AUST)

BURMA

4725 1100 212 CA BBS: Burmese? tlk, mx (Brookwell 10/21)(Cleveland CA)
5038 1550 424 OR BBS: EE ID, pop mx, 1600* (Uerlings 10/30)White FL)

CAMBODIA

4907 1316 232 TX RDC: Khmer w/ mx, chants, ID (Fleming 10/24)(Cleveland)

CHINA

2340	1120	343	WA	Fuzhou 1: CC tlk by OM (Beal 11/9)
2375	1120	242	TX	Hangzhou 1: CC tlk by YL/OM (Fleming 11/8)
2430	1125	322	WA	PLA 2: CC w/ string mx, YL annx (Beal 11/9)
2475	1440	111	CA	Hangzhou 1: CC tlk, mx (Keilholz 11/8)(Beal WA)
2600	1135	322	WA	PLA 2: YL w/ CC tlk, // 2430? (Beal 11/9)(Keilholz CA)
3000	1440	--3	CA	PLA 1: YL w/ CC tlk (Cleveland 11/5)
3200	1425	111	CA	PLA 2: CC mx, nx, tlk (Keilholz 11/8)
3220	1425	111	CA	Beijing 1: CC tlk by YL (Keilholz 11/8) 10/31)
3400	1246	232	TX	PLA 2: CC choral & instrumental mx, YL tlk (Fleming
3450	1401	--2	CA	Beijing 1: OM/YL tlk (play?) (Cleveland 10/29)
3535	1400	433	OR	PLA 1: CC mx, // 3640, 4045 (Uerlings 10/23)
2640	1340	--3	CA	PLA 1: CC w/ tlk by OM (Cleveland 10/21)
3930	1150	323	CA	Chifeng: CC tlk (Young 10/30)
4045	1300	243	TX	PLA 1: CC w/ drama, mx (Fleming 10/31)(Cleveland CA)
4110	1145	333	WA	Wulumqi (or Wulumqi): CC w/ OM tlk (Beal 11/9)
4330	1249	343	CA	PLA 1: CC w/ YL tlk, mx (Naylor 10/14)
4380	1120	132	TX	PLA 2: end of opera, CC tlk (Fleming 11/2)(Cleveland)
4526	1352	232	CA	Xilinhaote: CC tlk (Young 10/29)
4800	1320	211	OR	Beijing 1: "Yellow Riv. Concert", IS (Uerlings 10/23)
4832	1357	433	CA	Shenyang: CC w/ anthem, tlk (Young 10/30)
4840	1200	221	ME	PLA 2: CC tlk (Rogers 11/11)(Miller OH)(Yajko PA)
4925	1350	--2	CA	Ha'erbin: CC w/ vocals by OM (Cleveland 10/22)
5075	1550	222	OR	Beijing 1: CC play, singing (Uerlings 10/30)
5125	2147	131	NJ	R. Peking: tlk in u/lang, lite QRM (Famularo 11/1)
5880	2212	322	NJ	Beijing 1: CC tlk, RTTY QRM (Putney 10/18) 11/3)
5950	0930	333	CA	"Changyong..." ID, TC, EIR, Ha'erbin listed (Brookwell
5960	2227*	332	WI	RP: u/lang tlk, IS, 2230 Tiramas/on (Zilmer) probably
6270	2200	332	WI	RP: EE nx, cmtry (Zilmer 10/29) Z Albania site..
6290	1222	333	PA	RP: CC tlk, // 6410 (Yajko 10/17)
6320	1425	444	CA	RP: CC tlk, "Internationale", s/off (Bryan ???)
6345	1454	--2	CA	RP: CC w/ martial mx, CW QRM (Cleveland 11/4)
6430	1420	333	CA	RP: CC w/ EE lessons (Bryan 11/7)
6750	1143	434	PA	Beijing 1: CC tlk (Yajko 10/24) unlisted, reb.
6765	1235	433	WA	PLA 1: YL in CC, vocals (Beal 11/9)
6955	1250	333	WA	RP: JJ tlk by YL (Beal 11/9)
7035	2241	333	PA	RP: CC tlk (Yajko 10/21)
7315	1508	333	CA	RP: EE tlk on Mao's struggle (Bryan 11/7)
7385	1515	333	CA	Wulumqi: OM w/ nx in u/lang (Bryan 11/7)
7470	1521	444	CA	RP: EE nx, patriotic mx (Bryan 11/7)
9020	1540	433	CA	Beijing 2: CC mx, tlk (Bryan 11/7)
9064	0800	454	CA	Beijing 1: CC tlk on Mao, TPs (Mercado 10/9) /10/24)
9365	1345	322	NJ	RP: CC w/ rally denouncing "Gang of 4", IS (Famularo
9380	1018	333	PA	RP: EE tlk, ID, freqs, "Internationale" (Earhart)
9390	1301	353	NJ	RP: Russian tlk, not jammed (Putney 10/13)
9455	1617	444	CA	RP: political tlk in u/lang, YL ID (Bryan 11/7)

Radio Peking



CHINA (continued)

9460	0320	333	FL	RP: EE cmtry, ID (Smith)(Bryan CA)(Zink CA)
9470	1205	222	WA	RP: EE cmtry on Japan (Beal 11/12)
9510t	1030	333	PA	Beijing 2: CC w/ orchestral mx, annx (Earhart 10/16)
9692	2324*	422	WI	RP: IS, ID, u/lang tlk, // 9880 (Zilmer 10/19)
9820	2348	242	PA	RP: tlk, mx in u/lang, 2355* (Earhart 11/3)
9860	0407	544	BC	RP: EE w/ cmtry (Dutkowski 10/26)
9940	2230	555	IN	RP: Cantonese? nx, cmtry, ID, anthem (Watts 10/24)
9965	0050	322	PA	RP: Portuguese tlk by YL (Yajko 10/20)
10260	0043	232	NJ	Beijing 2: CC w/ YL tlk, march mx (Putney 10/28)
11100	0038	233	IN	Beijing-Taiwan pgrm: CC tlk by YL (Putney 10/28)
11505	0045	242	PA	Beijing 2: CC w/ play (Yajko 10/20)
11515	0047	343	NJ	RP: Laotian w/ cmtry by YL (Putney 10/28)
11650	2030	544	BC	RP: EE nx (Dutkowski 10/24)(CC @ 1710 Bryan CA) / CA
11675	0030	444	MO	RP: EE nx, cmtry (Arneson)(Cohen NJ)(Rogers ME)(Zink
11685	1301	212	NJ	RP: Russian w/ Mayak jamming (Putney 10/11)(Yajko PA)
11720	2325*	332	WI	RP: u/lang tlk, "Internationale" (Zilmer)(Yajko PA)
11750	0251	333	CA	RP: CC, then 0300 Spanish w/ ID (Naylor 10/20)
11945	0000	433	MA	RP: EE nx, cmtry (Malone 10/30)(Burke VA)(Pollard RI) (Vogel PA)(Perry QUE)(Woltman WI)(@ 0215 Dawson CA)...
11980	0308	243	CA	RP: CC w/ YL tlk (Dawson 10/16)
12010	0215	243	PA	RP: EE nx (Yajko 10/30)
12055	2345	333	PA	RP: Spanish tlk on Mao (Yajko 10/27)
12120	2345	343	PA	Beijing 1: CC tlk on Mao (Yajko 10/24)
12420	2341	243	PA	Beijing 1: CC tlk by OM (Yajko 10/27)
15030	0133	253	CA	Beijing 2: CC w/ YL singing (Dawson 10/25)(Beal WA)
15060	0021	554	IN	RP: EE to ECNA, tlk on USSR (Watts)(Yajko PA)(Dawson)
15080	2348	443	NJ	RP: SS w/ CC mx (Famularo 10/27)(Yajko PA)(Watts IN)
15095	0105	243	CA	RP: CC tlk, mx (Dawson 10/20)(SS @ 0023 Watts IN)
15385	0105	344	TX	RP: SS tlk on Mao, // 15080 (Fleming 10/10)(Beal WA)

WORLD SERVICECYPRUS

21660	1100	444	ENG	BBC Limassol: EE w/ WS nx, now 20 KW (Sapsford 11/7)
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DODECANESE ISLANDS

7200	0628	333	FL	VOA Rhodes: EE w/ nx "Breakfast Show" (Smith 10/14)
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INDIA

3375	1540	232	JPN	AIR Gauhati: EE nx, // all 90mb reg. (Wakisaka 11/5)
3905	1445	222	OR	AIR Delhi: stringed inst. mx (Bodell 11/11)
4820	1504	242	OR	AIR Calcutta: Indian choral mx (Bodell 11/11)
7280	1520	222	JPN	AIR???, w/ EE cmtry, ID, unlisted (Wakisaka daily)
9525	2150	433	NJ	AIR Aligarh: EE ID, nx, cmtry, Indian mx (Cohen 10/24)(Uerlings OR)(Miller OH)(Perry QUE)(Yajko PA)..... WI)
9590	2300	454	AUST	AIR: EE nx (Dalrymple)
9705	1302	343	PA	AIR Aligarh: Tibetan w/ ID, 1135 EE (Yajko)(Zilmer
9912	2200	322	WI	AIR Delhi: EE nx, // 9525, 11740 (Zilmer)(Yajko PA)
11620	2041	131	IN	AIR Delhi: EE w/ Ind. mx (Pecenka)(Yajko)(Zilmer)
11740	2113	243	OR	AIR Delhi: Indian mx, EE tlk, ID (Bodell 10/26)
11775	1055	343	NC	AIR Aligarh: EE nx, ID, s/off (Seymour 10/31)
11810	1410	332	CA	AIR Aligarh: EE tlk, nx (Mitchell 10/22)(Putney NJ)
21660	*1115	444	ENG	AIR Delhi: EE w/ ID, IS, over BBC (Sapsford 10/30)

INDONESIA

3105	1531	232	OR	RPKD Brebes or Sumbawa: weak w/ Indo mx (Bodell 11/11)
3223	1402	--1	CA	RRR Mataram: EE w/ Jakarta nx relay (Cleveland 10/18)
3225nf	1250	222	JPN	RRR Tanungpinang: Indo pop mx, 1300 ID (Wakisaka 11/4)
3241t	1152	221	TX	RRR Ambon: YL w/ mx, IS, nx (Fleming 10/13)(Wakisaka)
3262v	1357	--1	CA	RKPKD Sumbawa: Indo w/ annx, ID, nx (Cleveland 10/20)
3265nf	1233	322	JPN	RRR Bengkulu: Indo tlk, mx (Junqua 10/24)(Bodell OR)
3275	1358	--2	CA	RRR Medan: OM vocalist, local mx, 1400 nx (Cleveland)
3325	1350	232	JPN	RRR Jayapura: Indo pop mx, ID, 1400* (Wakisaka 10/21)
3345a	1049	333	JPN	RRR Pontianak? w/ IS, nx, pop mx (Wakisaka 10/29)
3385	1300	323	TX	RRR Kupang: Indo tlk by OM/YL, mx (Fleming 10/9)
3550	1205	----	IA	RRR Kupang: Indo nx, mx, tlk, IS (Corson 10/13) 28)
3800t	1340	232	JPN	RKPKD Jember: Indo pop mx, tlk, lite mx (Wakisaka 10/19)
3935	1345	--1	CA	RRR Semarang: Indo tlk by OM, local mx (Cleveland)
3960	1348	--2	CA	RRR Padang: Indo pop mx, ARO QRM (Cleveland 10/18)
4690m	1302	322	JPN	RKIP Surabaya: Indo nx?, ID, tlk (Junqua 10/19)
4699	1310	343	CA	RKIP Surabaya: Indo vocals, tlk (Snyder 11/7)(Cleve.)

INDONESIA (continued)

4719	1322	344	ID	RRI Ujung Pandang: Indo tlk, ID (Crable)(Fleming TX)
4764	1401	--2	CA	RRI Medan: IS, then nx in Indo (Cleveland 10/19)
4774	1209	232	OH	RRI Jakarta: Indo mx, w/ OM tlk (Miller 10/21)
4805	1229	---	IA	RRI Jakarta: chants, IS, Indo nx (Corson 10/14)
4871t	1338	343	TX	RRI Sorong: Indo tlk, TPs, ns (Fleming 10/9)
4875m	1243	---	IA	RRI Sorong: Indo pops, IS, nx, speech (Corson 11/3)
4885	1322	332	JPN	RRI Bukittinggi: Indo pop vocals, tlk (Junqua 10/19)
5886	1106	343	CA	RRI Pekanbaru: Indo tlk, mx (Young 10/27)(Cleveland)
5987	1400	--3	CA	RRI Menado: Indo tlk by OM, mx (Cleveland 10/26)
6045	1343	--2	CA	RRI Jakarta: Indo w/ local mx (Cleveland 10/28)
7110t	1315	343	ONT	RRI Yogyakarta: mx pgm (Rogers 10/29) details!
9710	1101	333	CA	V. of Indonesia: EE w/ lite mx, ID, nx (Naylor 10/17)
11789	1100	142	NC	VOI: EE nx, cmtry, folk mx of the islands (Seymour 10/31)(Rogers ME)(Somers CA)(Baumgartner ONT)(Fleming)

IRAN

9022	2002	141	IN	V. of Iran: EE nx (Pecenka)(Famularo)(@ 0125 Beal WA)
15084	0204	253	IN	VOI: Farsi? nxx, nx by OM (Watts 10/16)(Famularo NJ)
17730	1200	232	VA	VOI: Farsi pgm, // 15084 (Legge 11/10)

IRAQ

6155t	1630	232	OR	R. Baghdad (HS): AA inst. mx, QRM (Bodell 11/11)
9745	*1930	434	MA	RBI: EE w/ bird chirp IS, ID, nx, mx (Butterfield 11/10)(Gross VA)(Seymour NC)(Famularo NJ)(Yajko PA).....
11785	1456	322	OR	RB (HS): Qur'an, under R. Moscow (Bodell 10/29)

ISRAEL

5882*	0400	433	WI	IBA (HS): IS, Hebrew tlk, exercises (Zilmer 11/9)
5900	2230	443	WI	IBA: EE nx, "Calling All Listeners" (Zilmer 11/7)
7375nf	*1800	---	WI	IBA (HS): Heb. to 2305, // 5882*, 7460, 9355 (Zilmer)
7412	*2230	444	AL	IBA: EE pgm, "DX Corner", also @ 2000 (Rudolph 10/10)(Eaton WI)(Stuart OK)(Seymour NC)(Grenier CA)(Zink CA)(Woltman WI)(Pecenka IN)(Rogers ONT)(Mitchell CA),
7462* ³ m	*0400	221	WI	IBA (HS): Heb. to 0600, also 2000-2305 (Zilmer)(Cohen)
9009	2000	222	WI	IBA: EE to Africa, // 5900, 7412, 9425, 15540 (Zilmer)
9435	*2230	333	CA	IBA: IS, TPs, EE ID, nx (Bryan)(Pecenka IN)(Earhart)
9815	2230	433	AL	IBA: EE w/ Hasidic mx, part 1 (Rudolph 10/14)(Zink CA)(Pecenka IN)(Pollard RI)(Woltman WI)(Thompson)(Yajko)
11625	2230	343	WI	IBA: EE nx (Warrenburg), etc....freq. no longer used
11655	1200	322	WI	IBA: EE, // 12025, 15100, 15465, 15485 (Zilmer 11/8)
15485	1218	444	PA	IBA: EE tlk on Israel, wx (Earhart 10/18)(Rogers ONT)
17685	1533	344	PA	IBA: Yiddish lang. news bcst (Yajko 10/17)

JAPAN

3910	1351	--2	CA	FEN: EE w/ pop mx (Cleveland 10/21)
3925	1353	--3	CA	NSB: JJ tlk by YL (Cleveland 10/21)
5960nf	1047	333	MS	R. Japan: Spanish to LA, nx, mx, 1100* (Jones 11/9)
6055	1356	--3	CA	NSB: JJ w/ piano solo, tlk (Cleveland 10/26)
6155	0842	333	CA	FEN: EE mx, Mike Powell DJ (Brookwell 10/30)
9505	*0600	333	CO	RJ: EE nx, "Current Topics" (Orr 11/1)(Stuart OK)(Grenier CA)(@ 0149 Dutkowski BC)(Bryan CA).....
9525nf	2345	332	WI	RJ: EE to NA, // 11800, QRMD (Zilmer 11/7)
9585	1359	322	PA	RJ: EE nx, ID, IS (Earhart)(Thompson NM)(Bryan CA)
9595	0820	333	CA	RJ: JJ tlk, mx, ads (Miller 10/9)(Bryan CA)(Cleveland)
9670	1650	333	CA	RJ: EE tlk to 1700, then Fren. (Grenier 10/23)(Bryan)
9675	1158	333	CA	RJ: Malay tlk, JJ mx, 1215 EE ID (Naylor 10/12)
9760	0440	333	CA	NSB 2: JJ tlk by YL (Bryan 11/8)
11705	*2345	242	NC	RJ: EE to NA, (Seymour), etc....no longer used
11800	*2345	332	WI	RJ: EE to NA, // 9525 (Zilmer 11/8)(Bryan CA)
11815	1705	544	CA	RJ: EE nx (Somers 10/11)(Dutkowski BC)(Bryan CA)
15105	*2157	344	ME	RJ: IS, ID, EE nx, // 15195 (Hutchins 10/26)(Orr CO)(Schipellitl MA)(Pecenka IN)(Thompson NM)(Rogers ONT)
15195	0130	444	CA	RJ: EE cmtry (Grenier 10/28)(Bryan CA)(Miller CA)
15300	0001	343	PA	RJ: EE to NA (Earhart), etc....no longer in use
15420	0212	343	CA	RJ: EE to NA, tlk on Japan (Bryan 11/7)
17725	0150	554	CA	RJ: EE to NA (Miller), etc....now on 11840, etc.
17825	0133	444	CA	RJ: EE w/ world nx, tlk on US relations (Bryan 11/7)
17880	0130	343	CA	RJ: JJ tlk, ID, s/off (Bryan 11/7)

R. B. I.

RADIO JAPAN

JORDAN

9560 *1500 444 ENG RJ: IS, EE ID, nx, AA mx (Sapsford 10/30)(Beal WA)

D. P. R. KOREA

2850 1415 222 CA R. P'yongyang: KK nx, mx (Keilholz 11/8)(Brookwell)
 3015 1420 111 CA RP: JJ nx, mx (Keilholz 11/8)(Cleveland CA)
 3560 1205 332 TX RP: EE nx, freqs (Fleming 11/8)(Cleveland CA)
 4115 1345 --3 CA VRPR (Clandestine): KK mx, tlk, // 4553 (Cleveland)
 6540 0932 333 CA RP: JJ w/ classical mx, tlk (Brookwell 10/27)
 6600 0815 232 CA KCBS: KK tlk, military mx (Brookwell 10/26)
 7203 *1000 434 CO RP: EE w/ freqs, 1046* (Orr 10/7)(Pecenka IN)
 7580 1525 333 CA RP: KK tlk by YL (Bryan 11/7)
 9768 1000 322 ONT RP: IS, anth., EE nx, KK mx (Baumgartner)(Putney NJ)
 9820 1010 444 CA RP: EE nx, cmtry on US (Miller 10/20)
 9977 1700 433 CA RP: AA mx, IS, YL tlk, ID (Bryan 11/7)
 11350 0609 353 NJ KCBS: KK w/ drama (Putney 11/8)@ 0140 Beal WA)
 15650 2249* 243 NJ RP: KK tlk by OM/YL, anthem, s/off (Famularo 10/12)

REP. OF KOREA

2510 1135 333 TX KBC 1, Taegu: KK play, TC, 3 pips, nx (Fleming 11/8)
 6135 0820 444 JPN KBC 1: KK pop mx, // 750, suddenly off @ 0837, social educ. bcst, seemed to be mis-xmsn (Wakisaka 11/3).....
 7240 *1500 222 ENG R. Korea: IS, ID, EE, FF, etc, mix w/ RA (Sapsford)
 9600 1800 555 BC RK: EE w/ DX pgrm Mondays to 1830 (Dutkowski 11/1)
 9638^{pm} 1600 555 CA RK: 5 min. nx, ID, mx, letterbox, 1630* (Wilson 10/25) Somers CA)@ 0605 Grenier CA)(Dutkowski BC).....
 9665 1130 343 CT RK: EE nx, cmtry, mailbag, 1200* (Brooks various)
 9675 0600 544 BC RK: EE w/ cmtry, nx headlines (Dutkowski 10/23)
 9720 1805 444 CA RK: EE nx, Korean mx (Grenier 11/6)

RADIO KOREAKUWAIT

9555 1637 322 OR R. Kuwait: AA mx, w/ OM singing (Bodell 11/16)
 11845 1730 444 NC RK: EE nx, wx, pop mx (Seymour 10/31)(Famularo)(Yajko)

LAOS

4602 1254 333 JPN Xieng Khouang: Lao? tlk, local mx, ID (Junqua 11/4)
 4652 1310 333 JPN NRBS: Lao w/ local mx, chants (Junqua 11/4)
 6696 1320 333 CA Xieng Khouang: Lao mx, // 4602 (Young 10/23)

MALAYSIA

3915 1345 --2 CA BBC Tebrau: Burmese w/ nx, under AROs (Cleveland)
 15435 2310 343 PA BBC Tebrau: EE w/ election nx (Earhart 10/23)(Cohen NJ)
 17880 0000 432 WI BBC Tebrau: EE nx (Zilmer 10/13)(Beal WA)

MONGOLIA

4080^v 1450 --1 CA UBR (t): mx, tlk, // 4762, weak on both (Cleveland 11/1)
 5053 0811 131+ CA UBR: class. mx, RR or Mong tlk, 0831 "Ulan Bator..."
 6383 *1221 422 CA UBR: EE, anth, nx, mx (Yougn 10/23) Z (Birby 11/8)

NEPAL

3425 0053 142 FL R. Nepal: Nepali? w/ OM tlk, subcont. mx, 0100 ID (White 11/7)@ 1150 Miller OH)@ 1355 Cleveland CA)..

OMAN

11890 0222 242 CA OBS: Qur'an, Islamic tlk, AA mx (Snyder 11/9)(Mitchell CA 11/9)

PAKISTAN

3330.3 0127 232 CA PBC Peshawar: Urdu w/ subcont mx, under CHU (Snyder 11/7)(EE @ 1655 Wakisaka JPN)..... Z 11/3)
 3905t 1720 222 JPN RP? w/ tlk in u/lang, mentioned Kashmir (Wakisaka
 3915 1449 131 OR AKR via Rawalpindi: weak Pakistani mx (Bodell 11/11)
 7080 2146* 322 WI RP Karachi: EE w/ pop mx, // 9445 (Zilmer 10/29)
 9440 2115 433 NJ RP Karachi: EE w/ nx, cmtry, pop mx, ID (Cohen 10/24) (Earhart PA)(Perry QUE)(Yajko PA).....
 9460 1840 233 NJ RP Karachi: AA nx by OM (Putney 10/28)
 11672 1549 222 NJ RP Karachi: chants, tlk in u/lang (Famularo)(Beal WA)
 11750 2345 422 WI RP: IS, then tlk in u/lang, under BBC (Zilmer 10/12)
 15520 0650 242 CA RP Islamabad: Urcu tlk, ID, sc mx, // 15325 (Snyder 11/9)

PHILIPPINES

3286t 1225 311 TX PBS: EE w/ hymns, tlk by OM/YL (Fleming 10/31)

PHILIPPINES (continues)

9580 1630 444 NM VOP: EE IDs, "Let's Speak Filipino" (Thompson)(Grenier)
 11890 0900 222 CA FEBC: EE w/ relig pgm (Brookwell 10/14)
 11920 0845 333 TX FEBC: EE tlk, ID, relig. pgrms, // 11920 (Fleming)
 11965 0936 222 CA VOA Poro: Russian w/ nx (Brookwell 10/13)
 15235 0101 322 CA FEBC: EE w/ relig. pgm, ID, nx (Zink 10/24)
 15290 2345 353 PA VOA Tinang: EE w/ pop mx, nx (Earhart 10/10)
 15395 2335 333 PA VOA Tinang: EE/CC language lessons (Yajko 10/27)
 15440 0000* 232 ONT FEBC: EE nx, "Shortwave Mailbag" (Baumgartner 10/30)
 17790 0117 333 CA VOA Tinang: EE w/ "Breakfast Show" (Bryan 11/7)
 17810 0100 444 CA FEBC: EE w/ "Joyful Melodies" relig. pgm, ID, annx
 11890 closing, into 15235, 15390, 17870 (Brookwell)
 (Putney NJ)(Dalrymple AUST)(Beal WA).....



QATAR

9570 1505 231 CA QBS: AA tlk, mx, 1515 Qur'an, fades in/out (Snyder
 11/11)(Wakisaka JPN)(@ 1614 Bodell OR).....

RYUKYU ISLANDS

7165 1205 232 VA VOA Okinawa: EE ID, pop mx, nx (Burke 10/26)(Crabbe ID)

SABAH

4970 1358 --2 CA R. Malaysia Sabah: Malay w/ mx, ID, tlk (Cleveland)

SARAWAK

3385 1000 222 JPN RMS Miri: Kuching nx relay, 1500* (Wakisaka)(Cleveland)
 4835 1340 --2 CA RMS Kuching: Malay w/ local mx (Cleveland 10/27)
 4950 1350 242 TX RMS Kuching: CC tlk, ID, TPs, EE nx (Fleming 10/24)
 5030 1346 --3 CA RMS Kuching: Bidayuh w/ speech by YL (Cleveland 10/26)
 7160 1445* 222 CA RMS Kuching: pop mx, YL w/ s/off (Bryan 11/7)

SAUDI ARABIA

6130 2217 433 NJ BSKSA: AA tlk, mx, chants (Famularo 10/20)
 9670 1630 222 OR BSKSA: Qur'an, under NHK (Bodell 11/16)
 21590 1457 354 TX BSKSA: Islamic tlk, ads?, ID (Fleming)(Famularo NJ)

SINGAPORE

5052 1350 212 CA RS: EE mx, nx, ID (Leistener 10/21)(Beal WA)(Cleveland)
 11940 1148 222 FL RS: EE tlk, mx (White 11/6)(Somers CA)(Grenier CA)

SRI LANKA

9720 1940 222 WA SLBC: EE w/ YL giving freqs (Boyce 11/3)
 11800 *1855 423 MA SLBC: EE ID as Eve. Svce of SLBC, request pgm, nx
 (Butterfield 10/14)(Sapsford ENG)(Bixby CA)(Yajko PA)

SYRIA

9544 1908 343 OR R. Damascus: AA w/ Qur'an (Bodell 11/7)
 9585t 0743 232 CA RD: AA annx, AA contemporary mx, no ID (Bixby 11/6)

The Voice of Free China 25)

TAIWAN

9600t *1100 333 TX VOFC? w/ anth., CC tlk, mentions Taiwan (Fleming 10/25)
 11825 1820 333 CA VOFC: CC mx, tlk (Dawson 10/14)(@ 0200 Dalrymple AUST)
 11860 1920 444 OR VOFC: EE cmtry by YL (Uerlings 11/6)
 15125 0035 222 CA VOFC: Oriental mx, CC tlk, // 15225 (Brookwell 10/31)
 15345 0030 343 WA VOFC: CC tlk by YL, mx (Beal 11/10)
 15425 0107 333 CA VOFC: EE nx (Owsley 11/13)(Zink CA)(Crabbe ID)
 17800 0003 253 NJ VOFC: Indo, then 0100 CC (Putney 10/21)
 17890 0140 343 CA VOFC: EE nx, cmtry, CC mx (Bryan 11/7)(Dalrymple AUST)

THAILAND

7115 1602* 242 OR RT: pop inst. mx, TC, Thai annx, anth. (Bodell 10/29+)
 9655 1400 222 FL RT: Thai mx under DW (White 11/7)(Dalrymple AUST)

TURKEY

9515 & *2200 --- -- VOT: EE nx, TT mx (Vogel PA)(Schipelliti MA)(Dawson
 11880 CA)(Zink CA)(Arneson MO)(Rudolph AL)(Bryan CA), etc..



U. S. S. R.

3385 1430 333 JPN RM via ? w/ RR tlk, mx, // 4975, 5015 (Wakisaka 11/5)
 3995 1410 333 OR RM via Nikolayevsk: Mayak pgm (Uerlings 10/23)

U. S. S. R. (continued)

4030	0500	232	CA	Anadyr: HS IS, RR tlc by OM/YL (Young 10/26)
4485	0816	122	NJ	RM via Petro. Kam. w/ RR cmtry (Putney 10/31)(Fleming)
4520	0730	222	CA	Palana HS: RR tlc, songs (Brookwell 10/16)
4588	1250	322	JPN	RM via ? w/ RR mx, Mayak IS, TPs, ID? (Junqua 10/19)
4610	0841	233	CA	RM via Khabarovsk: cl. mx, // 4485 (Mercado)(Brookwell)
4975	1520	322	OR	RM via Blagoveschensk: Mayak w/ cl mx (Uerlings 10/30)
5015	0719	433	CA	RM via Vladivostok: RR songs (Bixby 11/5)(Brookwell)
5910	0900	222	CA	RM/Tikey Okean via Krasnoyarsk?, ID, IS (Brookwell)
5915	0100	444	ME	RM via ? w/ SS or PP w/ classical mx (Hutchins 10/22)
6020	2320	444	WI	RM via ? w/ EE nx, wx, letters (Woltman 1/25)
6070	0200	534	IN	RM via ? w/ EE nx, mx, cmtry to NA (Watts 11/6)
6130	0024	222	CA	RM via Novo. or Vlad. w/ EE cmtry, ID (Brookwell 10/29)
6150	0530	222	CA	RM Novosibirsk? w/ IS, // 6190 (Brookwell 10/28)
7115	0030	323	ME	RM via ? w/ EE ID, nx (Hutchins 11/3)(Watts IN)
7125	1100	232	VA	R. Peace & Prog. via Kenga: CC pgm (Legge 11/5)
7200	1500	433	CA	RM via Vladivostok: RR w/ IS, TPs (Bryan 11/7)
7310	0435	333	ID	RM via Khabarovsk: RR mx, ID, tlc (Crable)(Bryan ID)
7380	*1030	343	VA	RM via Krasnoyarsk: CC pgm (Legge 11/5)
9580	0330	111	CA	RM via ? w/ EE nx to Africa (Keilholz 11/9)
9665	1345	222	WA	R. Peace & Prog. via ? w/ EE cmtry (Beal 11/6)
9685	0000	232	VA	RM via Irkutsk: CC pgm (Legge 11/5)
9735	0324	344	OR	R. Yerevan/RM via Petro. Kam. in EE (Uerlings)(Bryan)
11755	0523	444	CA	RM via Vladivostok: EE nx (Brookwell 10/11)
11810	*0645	444	ME	RM via ? w/ IS, EE ID, Red Square cele. (Hutchins 11/7)
11890	1424	322	NJ	RM via Irkutsk? w/ CC chorus, anth., 1428* (Famularo)
11900	0605	212	NJ	RM via Nikolayevsk: RR w/ Mayak pgm (Putney 11/8)
11910	0607	253	NJ	RM via Novosibirsk: RR, // 11900, 11940, 1960 (Putney)
12020	1409	333	CA	R. Peace & Prog. via Petro. Kam. in CC (Naylor 10/19)
15100	0030	244	IN	R. Kiev, Yerevan, etc. via Vlad. in EE (Watts)
15140	0225	343	CA	RM/R. Kiev via Vladivostok in EE (Bryan)(Miller CA)
15180	0115	444	CA	RM via Petro. Kam., EE, 0115 CC (Naylor 10/24+)
15210	0130	454	TX	RM via Petro. Kam. w/ EE nx, Brezhnev interv.(Fleming)

Azerbaijan S. S. R.

21490	1330	232	VA	RM via Baku: EE pgm to Africa (Legge 10/30)
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Georgian S. S. R.

5980	2200	232	VA	RM via Tbilisi: RR, // 6125, 7115, 7185 (Legge 11/10)
7185	2300	232	VA	RM via Tbilisi: Span. to LA, to 0100* (Legge 11/8)

Kazakh S. S. R.

4545	0135	231	CA	Alma Ata HS 1: classical mx, YL tlc (Snyder 11/5)
5035	0045	443	OR	RM via Alma Ata: CC tlc, annx, RR mx (Bodell 11/13)
5260	0105	242	CA	Alma Ata HS 2: RR w/ class. mx (Mitchell 11/7)(Snyder)
9790	0759	253	NJ	Alma Ata: RR annx by OM, IS, 0800* (Putney 11/8)
11950	*0000	222	NJ	Alma Ata: RR/Kazakh w/ IS, anths, annx (Putney 10/29)
15210	1200	343	VA	RM via Alma Ata w/ SEA langs, 1300* (Legge 11/5)

Tadzhik S. S. R.

4635	0150	443	CA	Dushanbe: RR mx, TPs, ID, IS (Mitchell)(Young)(Snyder)
7135	0247	444	FL	RM via Dushanbe in SS, EE @ 2100 (White 10/30)(Legge)
7275	1600	222	JPN	Dushanbe: IS, ID, local mx (Wakisaka daily)

Turkmen S. S. R.

4930	0145	242	CA	RM via Ashkhabad: RR w/ Mayak mx, IS (Snyder 11/5)
15185	1256	433	FL	RM via Ashkhabad: Indo, etc. to SEA (White 11/3)

Uzbek S. S. R.

4850	0055	232	OR	Tashkent 2: RR tlc by YL, // 4635 (Bodell 11/13)
6025	*1200	342	MS	R. Tashkent: EE w/ IS, ID, nx (Jones 10/31)
9600	*1200	333	NC	RT: EE w/ mx, ID (Seymour 10/31)

VIETNAM

3999	1400	423	CA	R. Hanoi: Viet mx, ID, tlc (Young 10/26)
4993	1525	222	OR	RH: Viet tlc by OM (Uerlings 10/30) 10/23)
7470nf	1530	333	ENG	V. of Vietnam: EE ID, nx, // 10040, 12035 (Sapsford)
7510	1125	243	PA	HR: Viet tlc (Yajko 10/24)
10040	1810	333	CA	VOV: EE nx (Hall)(Owsley CA)(Bryan CA)(Beal WA)
10060	1210	333	PA	Hanoi 1: Viet tlc, mx (Yajko 10/24)

P. D. R. YEMEN

7190	2200*	333	NC	Democratic Yemen Broadcasting Service (Aden)
11770	2033	253	NJ	DYBS: Qur'an, anth. (Seymour)(Mitchell)(Famularo), etc. DYBS: AA mx, // 7190 (Putney)(Young CA)(Bodell OR)

YEMEN ARAB REPUBLIC

4852*	1423	222	CA	RS: AA tlc, chants, 2114* (Young 10/27)(Butterfield)
7265nf	1548	232	OR	RS: OM w/ AA tlc, // 4852*, 9780 (Bodell 10/26)
9780	2112*	433	PA	RS: Qur'an, anthem (Yajko)(Beal WA)(Young CA) 73, ext

Whew! Just enough room to thank 69 reporters, 12 new. Seasons Greetings to all

WORLD SERVICE STATION SKEDS

EMISSIONS

PROGRAMMI

Editor:

TRASMISSIONI

BULLETIN DE PROGRAMMES

LARRY TALBOT

PROGRAMS

ENGLISH SERVICE

N84 W15119 Knoll Terrace
Menomonee Falls, WI 53051

SERVIZIO

PROGRAMME SCHEDULE

Deadline: 15th

COMUNICATI NEL CORSO

ANTIGUA Confusion surrounding DWs new relay is starting to settle down. These are the changes . GG to SA 0600-0950 on 9690 (ex 6100). SS to SA 0230-0350 on 9640 (ex 11765) EE to NA 0530-0550 on 5960 (ex 6065) DW did not show a change for their 1300-1320 slot but several people report that GG not EE is being bdcst. Hechenlively, Davy Smith, Hansen & Hauser/Zilmer via SPEEDX-GRAM.

BELIZE has apparently moved from 3300 to 3285 to avoid QRM. Jones/Johnson/Sanserino via SPEEDX-GRAM.

BRAZIL R. Nac. Brasilia has moved from 11780 back to 15245, 1900-2000 in PP, 2000-2100 GG, 2100-2200 EE & 2200-2300 A Voz do Brasil to sign-off. Richard Wood.

R. Peking, CHINA has EE to NA (E Coast) 0000-0100 9940, 11945, 11675
0100-0200 7060 7120 9780 9940 11945
0200-0300 7060, 9940, 12055
0300-0400 7120, 9780
1200-1300 11685. And to W. coast
0300-0500 9460, 11650, 12055, 9960
Hoffmann.

R. Havana CUBA has this sked good to Mar. 6. EE to Eur 2010-2140 17885
EE to Americas :
2050-2150 on 11865 & 17750.
0100-0450 9685
0100-0600 11725
0330-0600 11760
0630-0800 9525 Benjamin.

R. Prague CZECHOSLOVAKIA broadcasts EE to NA *0100 on 5930, 7345 & 9540. *0300 on 9630 & 9740. EE segment on "Interprogramme" @ 0030 on 6005 9740. Famularo.

R. CANADA Int. has this EE to Afr. 1400-1430, 1800-1830 & 1900-1930 on 15325 & 17820 plus 9685 & 11830 in the last time segment. Ken Eaton.

Here's an interesting item from R. DENMARK via David Peters. As mentioned in in last mo. column, they are bdcsting only in Danish w/EE Annemt @ sign-on. They WILL QSL a report containing the text of that annemt. S/on times to NA are 1200 & 1600 & to SA @ 1830 all on 15165. S. Asia 0730. Afr 1400. E. Afr 0900. good to Apr. 30.

ARGENTINA Ken Earhart indicates RAE EE to NA 0300-0400 & 0600-0700 on 9690 is M-Fri only. Ditto for EE to Eur, Afr & M.East on 11710. Sorry this item got out of order. lt.

HCJB ECUADOR latest sked shows NA svc 1215-1615 on 11745
1230-1615 15115, 11745
0040-0445 11915, 9560, 6095
0500-0645 same.
Eur. Svc. 0700-0815 on 9760 & 6130.
1630-1745 15310, 11885
1900-2015 9650. Malone.

GREAT BRITAIN BBC sked from Nov. LC N. & C. Amer. & Caribbean:
1100-1330 15070, 11790W, 11750T
6195w, 5990S

1500-1615 17840A
1500-1745 15365S (M-F 1600-1700 only
1500-1830 9580S (M-F from 1600)
2000-0315 15260A
2000-2245 11750
2000-2115 9600W, 6195W
2000-0330 9580 (A after 2300)
2115-0430 5975
2245-0330 7325
2300-0330 9510S
2300-0730 6175 (S to 0430 then W)
A=Ascension, T=Tebrau, S=Sackville
W=Unexplained. Presumably Caribbean relay but from where? Compiled by LT

R. FINLAND good to Mar. 6. EE
0330-0400 to NA 6105 250kw
0930-1000 to Eur 9550 100kw
Afr 15270 250kw
1330-1400 to NA 11755 250kw
15110 100kw

1430-1500 same as 1330.
1900-1930 to Eur 11755 250kw
Afr 9720 100kw
2000-2030 to Eur 9550 100kw
Afr 6120 250kw
Still fighting WYFR for 15110 @1430 Earhart*

GREECE Athens to NA 0000-0150 & 0200-0350 roted on 9750, 9760 & 11875. (9760 seemed best) Wood.

R. Budapest HUNGARY has EE to NA 0200-0230 (except W) 6000, 7215, 9585, 9833, 11910 & 15220. 0300-0330 (everyday) same freq. DX pgm W & Sa 0400-0415 same freq. Galvan, Lordo.

HAPPY HOLIDAYS

HOLLAND R. Nederland All EE.

Time	Target	Frequencies
0630-0750	NZ	B9630
0800-0920	NZ/AU	B9715
0930-1050	Eur	L9660, L7240, L6045, L5955
1400-1520	st+seAS	L17810, L15185 L15120, M11740
	Eur	L5955, L6045
+1640-1650	NA	B17775, B15190
1830-1950	AF	L15375, L11730, M6020
	Eur	L6020
2000-2120	wEUR	M11730
W2130-2250	ECNA	L11730, L9715
0200-0320	ECNA	B6165
0500-0620	WCNA	B9715, B6165

+M-F. W=no Su. L=Lopik, B=Bonaire
M=Madagascar. Wilson, Benjamin.

IRAQ, R. Baghdad has EE on 9745 @ 1930-2030. Watts.

ISRAEL, IBA, using new freq & power.

2000-2030	EE to Eur	5900 & 7412.
2230-2300	EE to NA	5900 & 7412.
2000-2030	EE to Afr	9009
2000-2030	EE to Eur	9425
2230-2300	EE to NA	9435
1200-1230	EE to NA	12025

Zilmer via SPEEDX-GRAM.



NHK, JAPAN has this EE sked.
2015-2045 to Mid E & Afr 9700, 7250.
2345-0045 to NA 11800, 9525.
0130-0230 to NA, LA & Hawaii 17825,
15420, 15195, 11840.
0800-0830 to Eur 15325, 11960.
1830-1900 to Eur 9605, 7195.
0930-1030 to AU/NZ 15235, 11875.
1115-1145 to seAsia 11875, 9675.
1630-1700 to Sa/Afr 9670, 7250.
Arnold, Dutkowski, Watts, Wilson, Orr

Ibra R. bdcst over R. Meditterran from MALTA has moved from 6170 to 6080.
Here is the EE portions:
2030-2045 on Sa, Su, M. | **NOEL**
2045-2100 on Su, M, W.
2111-2115* on Su. Bob Butterfield.

Here are the times and frequencies used by R. NEW ZEALAND direct from Tony King @ the station.
To Pacific:
1800-1950 9770. 1800-0050 11960.
2000-0430 15130. 0100-0600 11705.
0440-0715 9540. 0610-var. 11780.
To *Australia: 0730-1030 6105.
Arthur Cushen's DX World 1st Su/mo.
Tony King's Mailbox 3rd Su/mo.
Both are heard @ 0915. Try 11780.
Sked good to Mar. 6.

NEPAL reportedly has an EE pgm @ 1435 on 3425. Johnson via SPEEDX-GRAM.

New sked from POLAND indicates Polskie Radio EE to NA 0200-0400 on possibly 5995, 6095, 6135, 6155, 9525, 9540, 9675, 11955, 11840, 11815, 11800, 15120, 15275. (Try 9540, LT.) Yajko.

R. SOUTH AFRICA now using new freq to NA & Eur/Afr. EE to NA 2230-2320 on 5980, 9585, 11800 & 11900. EE to Eur & W. Afr. 2100-2150 on 7270, 9585, 11800, 11900. Galvan. Orr.

SRI LANKA Broadcasting Corp. Eur. svc. in EE noted & anned. on 7190, 9720, & 11800 the latter replacing 15120 @ 1900-2008*. All 3 freq hrd good levels ECNA by Richard Wood.

Here is R. SWEDEN sked good to Mar 6 All EE.

To Eur: 1600-1630, 1830-1900, 2100-2130 on 6065K. 1100-1130 on 9630K. 1600-1630 on 9665H. To Africa: 1830-1900 on 9720H, 1030-1100 & 1230-1300 on 21690. 1830-1900 11780 2100-2130 on 11845. To Middle East: 1600-1630, 11735H. 2100-2130, 9605H To Asia: 1400-1430 on 9750K, 11920H 1230-1300 on 9745K. To AU/NZ: 1100-1130 on 15305H. To N. America: 0030-0100 on 6045H. 0230-0300 on 6045H & 9695K. 1230-1300, 1400-1430 on 15305H. 2300-2330 on 6120H, 6045H 9695K. H=Hoerby. K=Karlsborg. Skipper Thurmon & Greg Watts.

RS is also testing an experimental single sideband transmitter at Hoerby. They request reports to Swedish Telecommunications Admin. Broadcasting Division, S-123 86 FARASTA, Sweden indicating a special QSL available. Here is the EE part: 1100-1130, 1230-1300 on 17770. Both bdcst are to Med/seAsia/mEast. There is a Swedish bdcst to SA @ 1800-2130 but no EE our way. Transmitter is 30kw upper sideband. Watts & Sapsford via Wade Smith.

SBC SWITZERLAND EE to NA 0145-0215 5965, 6135, 9725, 11715. To WCNA 0430-0500 on 6045 & 9725. To Australasia: 0700-0730, 0900-0930 9560, 11775, 11950, 15305. To Africa 1100-1130 on 15140, 15430, 17830 & 21520. 2100-2130 on 9535, 9590, 11720 & 11870. To Mid-East & Africa 1530-1600 on 9590, 11870 & 15430. To seAsia @ 1315-1345 on 9730, 11745 11870 & 15430. To NA 1315-1345 on 15140. Hoffman & Watts.

USSR

R. Moscow now begins its EE to NA @ 2230 & goes thru to 0400 no break. Freq anned are 5940, 6120, 7110, 7200, 7350, 7440, 12050, 15140, 15180, 15450, 17720. WCNA svc is @ 0330-0730. Sked lists these freq not all necessarily used same time 6030, 6070, 6150, 6180, 7130, 7170, 9580, 9730, 9780. Good to Mar 6th.

R. Vilnius announces EE @ 2230-2300 on 6100 @ 2300-2330 on 7150, 7215, 7245, 7400, 9610, 11690, 15100 all on GMT Sa & Su.

USSR (cont)

R. Vilnius (cont)

@ GMT Su & M 0100-0130 on 7150, 7215
9610, 11690, 15100.

R. Kiev announces EE as follows:
To Eur 1930-2000 7360, 6020, 5920,
To NA 0030-0100 on 5980, 7150, 7215,
9610, 11690, 15100. @ 0300-0330 on
5980, 7215, 7245, 7400, 9580, 9780,
11860.

R. Riga has been heard in Fla by
John White. They bdcst in Latvian &
Swedish. Here is the Swedish sked.
Sa, Tu, Th @ 2120-2155 & 2230-2300
& Su @ 0900-0930 on 5935.

R. Rodina has RR to Amer 2330-0030
on 7310 & 7355, @ 0200-0300 on 7310.
Rodina is like RM, it may be bdcst
on many of the regionals so it is
hard to pin down a site.

Credits for USSR material go to Watts
Galvan, Famularo, Benjamin, Thurman
Hechenlively & Earhart.

USA

WINB, Red Lion PA, has this EE to
Eur sked. 1730-2000 on 17720.
2003-2245 on 15185.

WYFR, Oakland CA, has bdcsts in EE,
SS, GG, RR, AA, FF & use these freq.
5985, 6155, 6160, 9525, 9555, 9690,
9715, 9725, 11705, 11720, 11805,
11855, 11875, 11885, 15110, 15130,
15150, 15175, 15440, 17730, 17845,
17865.

Next time you hear one of those
unidentifieds, don't overlook the
possibility that it might be closer
to home than you think. Lordo, Watts.

VATICAN R. after tests on 6015 to
avoid QRM on 5995 has returned to
5995 in EE to NA 0100-0115 & FF
0115-0130 despite the QRM. 9605 &
11700 are //.

R. Nac de VENEZUELA has international
svc to NA, CA, SA, Carib, Eur & M/E.
From 2000-0100 they have 1 hr pgms
in this order: AA, FF, SS, EE, PP.
That makes EE 2300-0000. M-F. Watts.

Adventist World Radio broadcasts
from several countries. Here is EE:
0330-0400 from Sri Lanka, Su, on
9720 & 15425.
0700-0715 from Malta, Su, 6175.
0900-1000 from Sines Portugal, Su
on 9670.
1345-1400 and 1430-1445 from Sri Lanka
on Su on 7190, 9720 & 15425.
1330-1400 from SL, F, Sa, same.
Reports are requested. Addr: AWR-Asia
Box 15, Poona 411001, India for the
Sri Lanka reports. Adrian Peterson

##Forgot to give the freq for Ven-
ezuela above: 6170 & 15390.

Odds & Ends & This & That.

Radio Hanoi VIETNAM no longer
announces target areas. Here is EE
pgms according to BBC MS with tar-
gets assumed by the BBC people.
0900-0930 seAsia, 12035, 10040, 7470
1000-1030 same
1530-1600 ??? same freq
1800-1900 Eur, 15012, 10040.
2030-2130 same

BELGIUM, BRT-4, has the following
EE according to BBC MS.
0015-0045 to NA on 9725. DX pgm on
4th. Wed.
1730-1800 to Afr on 9745 & 11940.
DX pgm 4th Tue.
2245-2300 is SS to LA on 9730. *
DX pgm 4th Tue.

SOMALI Broadcasting Svc, Mogadishu,
has an EE segment @ 1100-1130 on
9585. BBC MS.

R. NORWAY reportedly using 11870
(ex 11850) for the 2100-2230 bdcst.
to Eur, FE, sAFR, Pac, & SA. BBC MS

AUSTRIA has been heard w/DX pgm on
15330 @ 1815. Schwartz via GRAM.

R. Clarin, DOMINICAN REPUBLIC, has
a new internat. svc. in EE 2330-
2355 on 4850 & 11700. Reports are
wanted. Fgm is M-F. Butterfield,
Sanserino, Zilmer via SPEEDX-GRAM.

R. Tashkent, USSR, has EE 1200-1230
on 6025, 9540 & 9600, 5975. 1st two
freq have been heard. Hauser via SG

That's all the skeds we have this mo
Wouldn't you know that when we have
the room VOA didn't come thru with
their winter sked yet. Should make
it next mo.

Any way this gives me some space to
ramble about a few things that have
been on my mind. A section such as
Station Skeds is geared primarily
as an aid to new & beginning DXers.
This is not to say that we cannot
be of svc to you DXperts but you
will see mostly EE skeds due to
space limitations. If anyone has a
particular need for other skeds or
languages please feel free to write
I usually have info on other lang.
& svc to other areas besides NA.

An IRC or stamps would be appreci-
ated.

Xerox copies of skeds are great but
please be sure the station is IDed
on it. I received two this mo with
no way of knowing broadcaster.
Please use only one side of paper
when writing out skeds as I cut them
up for sorting prior to the typing.
Best wishes for the Holidays & re-
member you can ID a lot of Christ-
mas music for reports to stns other-
wise unable to understand lang. LT

UTILITY REPORT



EDITOR:

KEN COMPTON
7 MOUNT VERNON STREET
BRIGHTON, MA 02135

Deadline: 15th of the month

Season's Greetings

PAP, the Polish Press Agency in Warsaw broadcasts V-CQ markers on the frequencies listed below through the courtesy of our Dutch reporter, Joost Denissen:

SOF47 5750	SOM21 12185	SOP55 15564
SCI30 8081	SON36 13616	SOV22 20288

Address: PAP Polska Agencja Prasowa A1 Jerozolimskie 7
Warsaw, Poland (Thanks a lot, Joost!)

Bob French, Bill Trubee, & Juergen Trochimczyk all sent in locations of JMC, CWC, & CWD (Tokyo, Cerrito, & Montevideo respectively) but what we really want to know is the agency operating these stations: for example, is CWD a Uruguay Navy station or an S/T coastal?

A number of coast stations with Japanese calls have been turning up lately with the only ID being a callbook listing of the QTH, that is, the town in which they're located. Among these are: JFA, Chuo Gyogyo; JMC, Tokyo; JMK, Ominato; and JHP, Atsugi. What company operates these stations, and where are Chuo Gyogyo and Ominato?

QSIS

All freqs in khz

ALASKA: NOX USCG Adak 8465. Ltr below in 10d for ms (Trochimczyk-DC)
ASCENSION IS.: Ascension Airways usaf 8993. PFC 23d for ms. (Chabak-CO)
Address: Ascension Airways Aero Station USAF COMFAC
Ascension AAF c/o Patrick AFB, Cocoa, FL 32925

AUSTRALIA: VIP3/4 OTC Perth 8587. Personal ltr in 20d for 2 IRCs. VS: Pat Gray, Manager. (MacLennan-ONT)
VNG APO Lyndhurst 7500. F/d form ltr in 59d air for no rp. (Schipelliti-MA)

BRAZIL: EMBRATTEL Rio 10640. F/d cd & info ltr 28d for 2 IRCs (Dulmage)

CANADA: VCS DCT Ketch Harbour NS 8440. PFC 4w for ms. (Dulmage-ONT)

CANARY IS.: EAT4 Tenerife R. 13092. PFC 35d for SS rpt & 2 IRCs (MacLennan-ONT)

ENGLAND: BPO London 9200. Cd in 8w for no rp (Dulmage-ONT)

FRANCE: FTS Paris 9200. No data FF ltr 6w for EE rpt & no rp (Dulmage)

GERMANY, W.: DHJ59 NATO Sengwarder 8647. PFC 44d for IRC (Denissen-HOL)

HOLLAND: PTT Kootwijk 10308. F/d cd 11w for no rp (Denissen-HOLLAND)

JAPAN: JOR Nagasaki R. 13008. Paper cd, sked & ltr in 15d for 2 IRCs. (MacLennan-ONT) JOU 16949.2 mimeo f/d 16d for EE rpt & IRC (Denissen-H)

MEXICO: XFU Veracruz R. 4250. F/d reg. SS ltr 45d for ms (Walters-NJ)

XFL Mazatlan R. 12778.5. F/d reg. SS ltr 46d air for ms (Walters-NJ)

PHILIPPINES: DZR RCA Manila 12852. F/d ltr 14d for IRC (Denissen-HOL)

PUERTO RICO: ITTC&R San Juan 10101.6. Date only PR Seal cd in 4d for ms (Wirrell-MA)

WVA3 San Juan Aeradio 5610. PFC in 4d for IRC (Wirrell-MA)

REUNION: FZS93 FTS S. Denis 19325. No data ltr 19d for IRC (Denissen-H)

SO. AFRICA: ZUD PTT Olifantsfontein 18810 f/d cd 145d IRC (Denissen-H)

SWEDEN: PTT Stockholm 13826 f/d color cd 50d for EE rpt & IRC (Denissen)

TURKEY: AJO USAF Adana 10768 f/d cd 366d for IRC (Denissen-HOL)

SHIPS: USS "Batfish" Nuke Atk Sub 2716. PFC 78d for ms. 75w. (Chabak-CO)

USS "Hawkins" DD873 2716. PFC & brochure 13d for ms. (Chabak-CO)

NFVC USS "Capodanno" 2716. PFC 6m for ms. 35w. (Holbrook-MD)

NXSF USS "Edenton" aux tug 2142. PFC & photo 20d for ms (Holbrook)

NSBL USS "Luce" 2716. PFC 33d for ms. 300w. (Chabak-CO)

USS "Orion" sub tender 2716. PFC 9d for ms. 150w. (Chabak-CO)

* NGMV USS "Semmes" 2716. PFC 11d for ms. 900w. (Chabak-CO)

Ocean Station Hotel (CGC "Taney" NRDT) 4393.5. PFC in 21 d for ms.

500w. QTH: 38N 71W. VS: D. R. Dull RM1. (Chabak-CO)

NFIN CGC "Chilula" 4396.4. PFC 77d for ms. 60w. (Chabak-CO)

NFDT USNS "Harkness" Ocean Survey Vessel 6521.8. PFC in 34d for ms.

100w. QTH: NE of Dominican Republic. (Chabak-CO)

NRTF CGC "Active" 6521.8. PFC in 41d for ms. 500w. (Chabak-CO)

NRDD CGC "Duane" 6521.8. PFC in 12d for ms. 300w. (Chabak-CO)

NHIC CGC "Vigilant" 6521.8. PFC 17d for ms. (Chabak-CO)

USCG RADIO STATION ADAK/NOX
BOX 47
FPO SEATTLE WA, 98777

1 NOV, 1976

DEAR MR. TROCHIMCZYK

WE WERE PLEASED TO HAVE RECEIVED YOUR LETTER AND ADVISING US OF OUR IRREGULAR "CQ" TRANSMISSION COPIED BY YOU ON 13 OCTOBER 1976 ON 8465 KHZ. IN THIS CASE YOUR TRANSMISSION REPORT HAS HELPED US TO CORRECT AND IMPROVE OUR COMMUNICATIONS FACILITY. BY LOOKING OVER YOUR REPORT, IT HAS MADE ALL OF US HERE AT "NOX" AWARE OF ONE SMALL BUT VERY IMPORTANT FALT IN OUR COMMUNICATIONS.

CORRECT CONTENTS OF "CQ" TRANSMISSION:

CQ CQ CQ DE NOX NOX NOX GD CRU AMVER ? QSX 500 KHZ AND 8 MHZ AND CHNLS 5 AND 6 HF CW DE NOX NOX NOX AR

TO SEND OUR OUR "CQ" TRANSMISSIONS ON 8465 KHZ WE USE A MODEL 660-B ELECTRONIC KEYER/CONVERTER WHICH CHANGES THE MARK-SPACE IMPULSES OF A 5 LEVEL REPERFERATED TELETYPE TAPE TO INTERNATIONAL MORSE CODE. IT HAS A CAPIBILITY OF SENDING PERFECT MORSE CODE FROM 3 WPM TO 300 WPM, AND OCCASIONALLY THE TAPE GETS BOUND UP AND RIPS WHILE GOING THE KEYER/CONVERTER CAUSING AN IRREGULAR TRANSMISSION OF LETTERS AND FIGURES.


JUDGING BY THE TRANSMISSION YOU RECEIVED, THAT IS WHAT HAPPENED. IF WE KEEP THE TAPE RUNNING ON THE KEYER FOR ANY LENGTH OF TIME IT WILL RIP AND SEND OUT THE IRREGULAR TRANSMISSIONS.

I WOULD LIKE TO THANKYOU SIR FOR TAKING THE TIME TO DROP US A NOTE AND PASSING US YOUR RECEPTION REPORT.

SINCERELY

Leonard W Sheltry
RM3 LEONARD W SHELTRY USCG

5MSQ "Eastern Spirit" ore/oil carrier 16716. PFC in 110d for IRC. Position: 32-24S 16-07E. 1kw. (Holbrook-MD)
GOXX "Cavendish" gas tanker off Curacao 16726. PFC returned in 62d.
1 IRC. 1.4kw. (Holbrook-MD)
AIRCRAFT: "SWAN 22" WC130E Typhoon Chaser out of Guam 6715. PFC in 16d air for ms. 10 watts. (Chabak-CO)
U.S.A.: NMF32 USCG Loran Nantucket MA 5314.5. PFC in 5d for ms. 1kw. (Chabak-CO)
WNU TRT Slidell R., Pearl River LA 6389.65 & 6495. F/d cd verifying 2 reports in 15d for ms. (Dulmage-ONT)
WOO Ocean Gate R. Manahawkin NJ 8100. Gd in 25d for ms. (Dulmage-ONT)
KLC IIT Galveston R. TX 8660. PFC in 15d for ms. 3000w. (Dulmage)
13038 f/d ltr in 20d for IRC. (Denissen-HOLLAND)
NMF USCG Boston 12934.5. F/d ltr 24d for IRC (Denissen-HOLLAND)
WOE RCA Lantana FL 12970.5. F/d ltr 39d for IRC (Denissen-HOLLAND)
NAM USN Norfolk VA 16180. F/d ltr in 42d for IRC (Denissen-HOLLAND)
Space does not permit the printing of ham reports or QSLs but this one is worth making an exception: ANTARCTICA: KC4USV McMurdo Station 7175 khz. F/d McMurdo photo cd 22d for ms. (Walters-NJ)

	All times	GMT	LOGGINGS	All freqs in khz
ALASKA:	6738	0334	AKA Elmendorf AFB OM wkg Condor 79 USB (Cook-MN)	
CANADA:	4307	0253	CKN RCAF Vancouver BC V mkr CW (French-MD)	
	5652	0157	Gander VOLMET OM EE Aviation Wx AM (Cook-MN)	
	12726	1256	CFH CFS Ellerhouse NS V mkr CW (Kiyomiya-JAPAN)	
	13255	2020	CFH Halifax Military OM EE coded tfc USB(Beal-WA)	
	13272	1920	Gander VOLMET OM EE Aviation Wx AM (Pecenka-IL)	
	17175.2	2040	VAI DOT Vancouver BC CQ mkr CW (Thompson-NM)	
GREENLAND:	11440	1445	GTO Godthaab YL EE Greenland data vm USB(Hammer)	
	14900	1820	GTO Godthaab YL EE data vm LSB (Peters-KY)	
U.S.A.:	3405	0533	NMN USCG Portsmouth VA OM marine wx AM (Smith-FL)	
	4069.2	2215	WFN AMCOM Jeffersonville IN wkg tug on Ohio R. USB (Cook-MN)	
	4088.5	2315	WJG Memphis marine op OM w/river fcst USB (Cook)	
	4139.5	0031	KDL Houston marine op wkg "3 Jacks" USB (Cook-MN)	
		0100	KRU Houston TX OM EE wkg barges USB (Cook-MN)	
	4331	0249	WCC RCA Chatham MA QRA(1) mkr CW (French-MD)	
	4367.5	0000	WGK RCA St. Louis MO YL EE river tfc USB(Cook-MN)	
	4412.8	0338	WLO Mobile Marine AL wkg "Delta Queen"(Pecenka-IN)	
	4425	0512	WLC Central R/T Rogers City MI OM EE marine tfc USB (Pecenka-IN)	
	4467.5	0120	KCC93 Profile 77 NH CAP YL wkg Bob Cat 3ø USB (Cook-MN)	
		2230	KEC994 Zigzag 1 NJ CAP wkg Zigzag 10 USB(Cook-MN)	
		0130	KIG448 Blue Chip TN CAP wkg mobile USB (Cook-MN)	
		2351	KKI721 Mockingbird 59 MS CAP wkg Jaybird 613 USB (Cook-MN)	
	4387	0236	WCM RCA Pittsburgh PA wkg "Big John Jaeger" river tug USB (Cook-MN)	
	5000	0304	WVW NBS Ft Collins CO annmnt re discontinuing bcsts on 2.5 20 & 25 mhz 1 Feb 77 AM (French-MD)	
	5062	0704	NMC USCG SanFran clg HTWA, vessel Cambiosa? USB (Chabak-CO)	
	5696	0035	NMA USCG Miami FL OM EE tfc USB (Gauvreau-QUE)	
	6411	0045	KLB ITT Seattle WA wkg "Seabelle" CW (Cook-MN)	
	6521.8	2151	USCG Boston Rescue wkg GCG "Bibb" USB (Cook-MN)	
		2334	NMN USCG Portsmouth VA Hi-Seas Wx USB (Watts-IN)	
	6727	0203	AFG37 Scott AFB IL YL wkg NLSø3 USB (Cook-MN)	
	6750	0147	AFE8 MacDill AFB phone patch for Keeley 27(Cook)	
	6996a	1215	AFC USAF NYC OM EE tfc USB (Beal-WA)	
	6910a	2330	NGZ USNAS Alameda CA OM EE tfc USB (Beal-WA)	
	7651	0315	KIG61 VOA Greenville NC EE feeder LSB(Pecenka-IL)	
	8090	0100	NSS USN Annapolis MD w/NST multical V mkr LCMF NUKO fol by marine wx CW (Cook-MN)	
	8462a	1023	NMN USCG Portsmouth VA V-CQ mkr CW(Trochimczyk)	
	8574	0320	NMC USCG Pt Reyes CA CQ mkr CW (MacLennan-ONT)	
	8666	0154	KLC ITT Arcadia TX wkg "Golden Sabre" CW(Cook-MN)	
	8754.4	2236	KMI ATT Oakland CA OM EE tfc & wx USB(Gauvreau-Q)	
	8760.8	2230	NMC USCG Pt Reyes CA OM EE wx USB (Beal-WA) YL Hi-Seas Wx @ 2236 (Cook-MN) QRA = What is the name of your station (or ship)? Ed.	
	8808	2326	WOM ATT Ft Lauderdale FL wkg "Nordic Prince" USB (Cook-MN)	
	11182	2220	AFG37 Scott AFB IL OM EE acft tfc USB (Beal-WA)	
	12717a	1753	NMN USCG Portsmouth VA CQ mkr CW (Trochimczyk-DC)	
	13038	2358	KLC ITT Arcadia TX marine wx CW (Cook-MN)	
	17172.4	2035	WLO Mobile Marine AL V mkr CW (Thompson-NM)	
	19725	1650	VOA Greenville NC C ech feeder SSB(Pecenka-IL)	
MEXICO:	8514	1550	XFL Mazatlan de Sinaloa R. CQ mkr CW (Thompson-NM)	
	10565	1310	XDD229 PTT Mexico City SS YL vm & OM clg Havana SSB (Trochimczyk-DC)	
	12772.5	1807	XFL Mazatlan de Sinaloa R. CQ mkr CW(Trochimczyk-DC)	

CARIBBEAN

BERMUDA:	5314.5	0504	NOL USCG Bermuda Monitor wkg NMF32 USB (Chabak-CO)
	12710	2335	VRT C&W St. Georges V mkr CW (MacLennan-ONT)
CUBA:	8477a	0850	CLQ EMRAIN Havana CQ mkr CW (Trochimczyk-DC)
	17190a	2050	CLQ EMRAIN Havana V-CQ mkr CW (Thompson-NM)
	22396	2340	CLA50 EMRAIN Havana CQ mkr CW (Trubee-HI)
GUANTANAMO:	6886a	0133	AA&R overseas telephone tfc LSB (Cook-MN)
PUERTO RICO:	6540	2347	San Juan Aeradio OM EE acft tfc USB (Watts-IN)
	16300	2020	NAU USN Ft Allen OM EE tfc USB (Beal-WA)

CENTRAL AMERICA

PANAMA: 9132.5 1215 HPI TRT Panama City OM EE/SS vm SSB (Estes-MS)
 CANAL ZONE:15880 2005 ACA US Army Balboa YL EE tfc USB (Beal-WA)

SOUTH AMERICA

ARGENTINA:6862.5 0314 LQC41 Centro Intrncl YL SS vm SSB (French-MD)
 BRAZIL: 8502 0213 PPO PTT Olinda Pernambuco ID mkr CW (Watts-IN)
 8634 0226 PPR DPT Rio de Janeiro ID mkr CW (Cook-MN)
 14605 2017 PPQ7 EMBRATEL Rio YL EE/FF OM PP vm SSB(Denissen)
 CHILE: 4330 0642 CCS Navy Santiago V mkr CW (Trubee-HI)
 COLOMBIA:8574 0618 HKC EMNATEL Buenaventura V mkr CW(Trochimczyk-DG)
 URUGUAY: 8602 2125 CWA Gerrito R. CQ mkr CW (Koizumi-JAPAN)
 VENEZUELA:17141.6 2045 YV3 MinCom La Guaira V mkr CW (Thompson-NM)
 6100 0230 YVTO Observatorio Cagigal SS time AM(Schipelliti
 MA) 0943 (Pecenka-IN)
 6351.5 0111 YVG La Guaira R. CQ mkr CW (Watts-IN)

EUROPE

AUSTRIA:10089 1845 Vienna Aeradio OM EE wkg Nigeria 929 USB(Olsson-CT)
 AZORES: 6343.5 0030 CUG33 GPRM San Miguel CQ mkr CW (Compton-MA)
 BELGIUM: 6335a 0207 OSN44/46 Belfor Ostend R. V mkr CW (Watts-IN)
 6500a 2303 OSN46/412 Belfor Ostend R. V mkr CW (Compton-MA)
 CANARY IS.:13092 1645 EAT4 Tenerife R. CQ mkr CW (MacLennan-ONT)
 CZECHOSLOVAKIA:3170 0239 OLB5 Astronomical Institute Podebrady time tick
 long dash on minute CW (French-MD)
 DENMARK:17068.4 1505 OXZ8 D3PT Lyngby CQ mkr CW (Thompson-NM)
 ENGLAND: 4310 0254 MTI BRN London V mkr CW (French-MD)
 4456a 0306 GYN1/2 London ID mkr CW (French-MD)
 8975a 2146 MKL RAF Tynemouth Northumberland tfc CW(Compton-MA)
 15910 2012 BBC Daventry EE feeder to Cyprus USB (Beal-WA)
 FRANCE: 6780 0330 FPK9 FTS Paris YL FF/EE vm USB (Warrenburg-WI)
 18860 1700 Internatl Network Paris OM EE/FF "transport termi-
 nal" vm USB (Pecenka-IN)
 GERMANY,W.:4993a 2224 DHJ49 Navy Bonn V mkr CW (Denissen-HOLLAND)
 8647 1113 DHJ59 NATO Sengwarden V mkr CW (Denissen-HOLLAND)
 11039 1013 DDH4 Deutscher Wetterdienst Quickborn CQ mkr CW
 (Denissen-HOLLAND)
 11115 1425 AEA US Army Heidelberg OM EE vm SSB(Denissen-HOL)
 11575 1715 R. Free Europe Lang feeder to Lisbon LSB(Gauvreau)
 GREECE: 3186 0232 KWS78 US Embassy Athens QRA mkr CW (French-MD)
 HOLLAND: 9010a 2328 PBC92/94/96/98 Dutch Naval Tng Ctr Hollandsche
 Rading N13A V mkr CW (Compton-MA)
 ICELAND:13069.5 1940 TFA Reykjavik R. CQ mkr CW (Trochimczyk-DG)
 IRELAND: 4535 0407 EIP Shannon Aeradio OM EE wx AM (Smith-FL) 2042
 (Newell-BC)
 ITALY: 17100a 1500 IRM Rome Medical R. V mkr CW (Thompson-NM)
 MALTA: 14865 0943 9RC68 TELEMALTA St. Georges OM EE vm SSB(Denissen)
 NORWAY: 11007 1123 LBJ2 Harstad Military V mkr CW (Denissen-HOLLAND)
 9014 0005 LFP Rogaland R. Norw. Press CW (Olsson-CT)
 LATVIAN SSR:13069a 1535 UDH Riga R. CQ mkr CW (Thompson-NM)
 POLAND: 12185 2148 SOM21 PAP Warsaw V-CQ mkr CW (Denissen-HOLLAND)
 PORTUGAL:17170.5 2055 CTU2 Navy Monsanto ID mkr CW (Thompson-NM)
 SCOTLAND:3724 2222 GXH USN Thurso multical NST V mkr CW (Denissen-H)
 SPAIN: 8682 2205 EAD3 EMNATEL Aranjuez CQ mkr CW (Thompson-NM)
 17064 0911 EDZ6 EMNATEL Vallecas CQ mkr CW (Denissen-HOLLAND)
 SWEDEN: 13826 1728 SHG A.C.T. Stockholm OM EE vm SSB (Denissen-HOL)
 SWITZERLAND:19590 0845 HET6 PTT Bern YL EE/FF/SS vm SSB (Denissen-HOL)
 TURKEY: 7540a 0125 AJS USAF Diyarbakir YL EE wkg FA281 USB(Pecenka-IN)
 USSR: 13470 1940 Moscow R/T YL EE vm SSB (Estes-MS)
 16959 1520 UMV Murmansk R. V-CQ mkr CW (Thompson-NM)
 YUGOSLAVIA:12780.5 2155 YUR Rijeka R. V mkr CW (MacLennan-ONT)

AFRICA

AFARS&ISSAS:8570a 2035 FUV Fr. Navy Zjibouti V mkr CW (Koizumi-JAPAN)
 13042.5 2130 FUV Fr. Navy Zjibouti V mkr CW (Thompson-NM)
 ALGERIA:16050 0939 TUA5 PTT Algiers OM FF/AA vm SSB (Denissen-HOL)
 BURUNDI:20407a 0650 MinTel Bujumbura OM FF/EE vm SSB (Denissen-HOL)
 CAMEROON:15832 1740 TJF8 INTEL CAM Douala YL EE/FF vm SSB(Denissen-HOL)
 CAPE VERDE IS.:9111 0010 CQB Sal Aeradio V mkr CW (Olsson-CT)
 CHAD: 19290 0722 TT292 FCR N'djamena YL EE/FF vm SSB (Denissen-HOL)
 CONGO: 12125 2341 TNH21 FCR Brazzaville YL FF vm USB (Beal-WA)
 15745 1820 OTIC Brazzaville YL FF vm AM (Denissen-HOLLAND)

GAMBIA: 13797	0730	C5B64 C&W Bathurst OM EE vm SSB (Denissen-HOL)
GHANA: 19910	1626	93S22 ETS Accra OM EE/FF vm SSB (Denissen-HOL)
GUINEA: 15840	1645	PTT Conakry YL EE/FF vm SSB (Denissen-HOLLAND)
IVORY COAST: 7570	0039	TUP75 INTELGI Abidjan YL EE/FF vm SSB (Newell-BC) 0211 (French-MD)
MALAGASY: 10515	2205	5RY5 STIMAD Tananarive YL EE/FF vm USB (Olsson-CT) 2358 (Newell-BC)
	18079	5RY8a STIMAD Tananarive YL EE/FF vm USB (Olsson-CT)
MAURITANIA: 7500a	0807	OFIPOSTEL Nouakchott OM FF vm LSB (Chabak-GC)
RHODESIA: 19590	1728	ZEG27 RP&T Salisbury OM EE vm SSB (French-MD)
	20855A	PTT Salisbury OM EE vm SSB (Denissen-HOLLAND)
SENEGAL: 7557	0259	6VA97 TELESENEGAL Dakar YL EE/FF vm SSB (Newell-BC)
	4490a	0201 6WW French Navy Dakar V mkr CW (Watts-IN)
SOUTH AFRICA: 8576	0520	JSD PMG Durban CQ mkr CW (MacLennan-ONT)
	12692.7	1931 ZRQ5 Navy Simonstown V mkr CW (Denissen-HOLLAND)
UPPER VOLTA: 11095	2300	XTA9 FCR Ouagadougou YL FF/EE vm SSB (Koizumi-J)
	11120m	2109 XTA9 FCR Ouagadougou YL FF/EE vm SSB (Newell-BC)
	16386	0807 XTA63 FCR Ouagadougou YL EE/FF vm SSB (Denissen-H)

ASIA

JAPAN: 6390a	0748	JJK Ominato R.? (Anyone knowing the address of JJK please send it to "Utility Report"--TU!) CQ mkr & tfc CW (Trochimczyk-CO)
	12907.5	2305 JHP Narao V mkr CW (Trubee-HI) Address? - Ed.
	13008	2305 JOR KDD Nagasaki CQ mkr CW (MacLennan-ONT)
	13069.5	2125 JOS Nippon T&T Nagasaki CQ mkr CW (Thompson-NM)
	17043.2	2156 JCU Nippon T&T Choshi tfc (Cook-MX)
	22463	2329 JCS Nippon T&T Choshi CQ mkr CW (Trubee-HI)
KOREA: 17127a	0115	HLM MinCom Mokpo V mkr CW (Thompson-NM)
	22395a	2320 HLM MinCom Mokpo V mkr CW (Trubee-HI)
LEBANON: 8702	1433	ODR3 Societe Radio-Orient Beirut CQ mkr CW (Koizumi)
	13101	1213 ODR4 SRO Beirut CQ mkr CW (Denissen-HOL)
OKINAWA: 6370	0756	JCX Japan T&T Naha CQ mkr CW (Trochimczyk-CO)
SAUDI ARABIA: 9867	0139	HZP986 PTT Jeddah OM EE/AA vm USB (Brooker-MI)
SRI LANKA: 20635	0835	4Q098 OTS Colombo OM EE vm SSB (Denissen-HOL)
TURKEY: 16105	0800	TAE7 PTT Ankara YL EE/Turk & mx vm SSB (Denissen)
U.S.S.R. 14996	1508	RTA Novosibirsk time sigs CW (Gauvreau-QUE)

OCEANIA

AUSTRALIA: 4500	1044	VNG APO Lyndhurst time sigs AM (Schipelliti-MA)
	8521	0513 VIS26 CTC Sydney V mkr CW (Trochimczyk-CO)
	8597	0725 VIP3 CTC Perth V mkr CW (MacLennan-ONT)
	8847	0508 VLS Sydney Aeradio OM EE wkg Clipper 806 AM (Edwards-AUSTRALIA)
	10017	0810 VLS Sydney VOLMET OM EE wx AM (Arnold-CA) 2200 (Edwards-AUSTRALIA)
	12000	0027 VNG APO Lyndhurst time sigs CW (Gauvreau-QUE)
	12994.8	0225 VIP ACRTS Perth OM EE wkg LSQU (Cook-MX)
CAROLINES: 7581.5	0915	NRV7 USCG Loran Yap wkg NRV1 & NRV4 USB (Chabak-CO)
GUAM: 6738	1341	AIE Andersen AFB OM EE wkg MAC40468 (Edwards-AUS)
HAWAII: 4050	0955	NR07 USCG Loran Kure Is. wkg NRC & NRO4 (Chabak-CO)
	8542	0215 KHK RCA Honolulu V mkr s-l-o-w! CW (Watts-IN)
	8875	0128 KUA Honolulu Aeradio wkg Amer. 9963 USB (Cook-MX)
MARIANAS: 5320	1050	NRV2 Saipan OM EE wkg NRV7 Yap USB (Chabak-CO)
NEW ZEALAND: 7600	0840	ZLZ20 Wellington Meteorological CQ mkr CW (Trochimczyk-CO)
PHILIPPINES: 6738	1024	AIC Clark AFB OM EE wkg Carneta 1243 SSB (Edwards)
TAHITI: 19417.5	1840	FZP94 FTS Papeete YL FF/EE vm USB (Beal-WA)

UNIDENTIFIED

3090a	0029	"L" beacon CW (Olsson-CT)
4310a	1952	VJE5 V mkr CW (Koizumi-JAPAN)
5306a	0940	"K" beacon continuous repeat every 5 secs CW (Chabak-CO)
	0940	"W" beacon simultaneous w/"K" above CW (Chabak-CO)
6490a	0759	JJG3 Japanese, where? CQ mkr CW (Trochimczyk-CO)
6500a	1045	FJG CQ mkr CW. French Pac island? (Trochimczyk-OR)
6601	0155	K3N c1g K4Y CW (Olsson-CT) Calls of this type are intriguing ---ideas, anybody? - Ed.
6800a	0650	"W" beacon CW (Chabak-CO)
6810a	0500	WBK OM EE wkg KIA OM & WIN YL & ONE SAN DIEGO USB (Beal-WA)
7073a	1100	"AA" beacon CW (Trubee-HI)
6996a	1205	AIF3 OM EE tfc USAF Japan? Fuchu? USB (Beal-WA)

7767a 0215 VOA relay QTH? unknown language LSB (Dawson-CA)
 8285a 2250 KAE728 MATSON elg SS "Matsonia" OM USB (Beal-WA)
 8615a 0625 DDN V mkr CW (Trubee-HI)
 8625a 0852 HLG v mkr CW (Koizumi-JAPAN)
 8823a 0141 RMO clg UGT CW (Cook-MN)
 9045a 1055 "K" beacon CW (Chabak-CO)
 10063a 1025 "K" beacon CW (Chabak-CO)
 12240 0330 "Transoceanic Radiophone" SSB (Brookwell-CA)
 12424a 1315 WPM (QTH?) clg "Mar Freeze" SSB (French-MD)



SHIPS

2182 0301 YXPA "Mara" clg L.I. Pilot Sta OM (French-MD)
 2670 1005 NQSP CGC "Vigorous" wkg HMS "Walrus" SSB (Chabak-CO)
 2716 0440 USS "Kansas City" tfc USB (Chabak-CO)
 0820 USS "Bainbridge" OM EE tests USB (Chabak-30)
 6521.8 0243 NRFJ CGC "Northwind" wkg NMN USB (Chabak-CO)
 0121 Ocean WX Sta HOTEL wkg NMN & NMF USB (Cook-MN) *
 0554 NAOC USCGC "Glacier" wkg NMC USB (Chabak-CO)
 0609 NRXT USCGC "Hollyhook" wkg NMA Miami USB (Chabak-CO)
 0716 NLVS USCGC "Rush" WHEC724 wkg NMC San Francisco USB (Chabak)
 0744 NHKW USCGC "Confidence" OM EE wkg NMC USB (Chabak-CO)
 0840 NHWR USCGC "Midgett" OM EE wkg NOH Kodiak USB (Chabak-CO)
 0853 WCJI "President Harrison" cruise ship wkg NMC USB (Chabak)
 0911 NNGR USCGC "Tamaroa" wkg NMN Portsmouth USB (Chabak-CO)
 8204.4 0640 "Firebird" WY2045 OM EE wkg KMI USB (Trubee-HI)
 0641 GOZC "Cunard Adventurer" liner clg KMI USB (Trubee-HI)
 2305 "President Madison" @ 40N-139W OM EE wkg KMI USB (Beal-WA)
 8255.6 0810 UZLA "Fedor Chalapin" passenger ship wkg VIS USB (Trubee-HI)
 8300a 0030 SVQJ "Island Mariner" clg Athina I. SSB (Watts-IN)
 8730.4 2045 NMUD USCGC "Diligence" OM EE wkg NMA Miami USB (Olsson-CT)
 12121 1935 NRZH USCGC "Campbell" OM EE wkg NMC USB (Beal-WA)
 12425 2315 "Deep Sea Floor" OM EE wkg "Santa Maria" USB (Beal-WA)
 2335 "Santa Rosa" OM EE vlg KMI USB (Beal-WA)
 16512.5 2040 "Santiago" OM SS clg KMI USB (Beal-WA)



AIRCRAFT

5638 0915 New Zealand 74 OM EE clg Sydney Aeradio SSB (Edwards-AUS)
 5696 0015 AF Rescue acft wkg Kodiak re sinking ship USE (Beal-WA)
 0035 CG#1348 clg NOM & Cape Cod on rescue USB (Gauvreau-QUE)
 0040 CG#1433 clg San Diego OM EE USB (Beal-WA)
 6715 0902 ICON OM EE clg Andrews AFB LSB (Chabak-CO)
 8879.5 0154 Pan American 724 wkg Honolulu Aeradio USB (Dawson-CA)

TACTICAL

3095 0819 GOLF ROMEO OM EE wkg Victor Foxtrot on USN "Mike" net USB (Chabak-CO)
 4377 0527 TUGBOAT ANNIE OM EE wkg 78 Bravo Sierra USB (Cook-MN)
 6699.5 0902 ZULU 89 OM EE coded tfc to XRAY 76 USB (Chabak-CO)
 6723 0142 RV clg RASPBERRY NORFOLK & wkg RAWHIDE BASE SSB (Watts-IN)
 0155 RASPBERRY NORTH ISLAND wkg WARGHIEF USB (Cook-MN)
 0736 BIDDY ATSUGI NAS Japan wkg SCHOOL BOY USB (Chabak-CO)
 0807 ADELPHI (RNZAF) OM EE wkg Kiwi 282 USB (Chabak-CO)
 0815 RASPBERRY GUANTANAMO OM EE wkg WHISKEY ALPHA USB (Chabak-CO)
 9014 0143 RAYMOND 7 Cannon AFB NM OM EE wkg #8015 USB (Cook-MN)
 9027 2325 WANDA 47 OM EE wkg ANNIE OAKLEY USB (Cook-MN)
 16210 2130 FOXTROT 034 OM EE wkg BINGO USB (Pecenka-IN)

"SPY" NUMBERS STATIONS

3060 0100 YL SS 5-digit groups. 35 gr msg repeated AM (Olsson-CT)
 0300 "60 55 925" fol by 65 & 55 gr msg "AR VA" CW (Olsson-CT)
 3090 0015 "133 100 30" in letter transposition (see below) 5-digit groups, 100 gr msg CW (Olsson-CT) (Freq used by SS 5-digit YL - Ed.) The following is the numerical transposition of the "Spy" Letters Stations as decoded by Burton-OH, Wilson-OH, et al: A=1, N=2, D=3, U=4, W=5, R=6, I=7, G=8, M=9, T=0. This simple cipher has been unchanged for at least the last 2 years.
 3873.5m 2250 Presumed "Spy" #: "250" time pips 3-digit grs CW (Butterfield)
 5015m 0412 "Achtung 950" YL GG 5-digit "Ende" 0420 AM (Butterfield-MA)

*Merry
Christmas*

and HAPPY NEW YEAR! 73 & Good DX!

Ken

QSL REPORTS

Wishing you a
Merry Christmas
and a
Happy New Year



Editor: Bill Cleveland
2441 Fairview Drive
Visalia, Calif. 93277

Verified Countries -- 136

Deadline: 15th of month

* As I complete my second year on this job, let me once again express my appreciation to those who have supported this column with your reports through the past twelve months. After all, it is you DXers who make this column possible. And to you first time reporters -- many thanks and keep 'em coming. It is once again time to open the membership rolls (involuntary) to my "Faithful Twelve" club. This year we add Mike Hardester, who hasn't missed an issue in the last twelve months; and continuing in membership on a somewhat loftier plane are Barry Harding, Alan Mayer, Tom Smith, Glen Thompson, and Bob Yajko who haven't missed an issue in the past two years. As usual, fellows, no officers, no meetings, no constitution, no by-laws--and I'll decide on dues about April 15, hi!

In checking through the loggings for the year, I notice several that are conspicuous by their absence--some ten or a dozen from Africa that were reported in 1975 (perhaps due to the unsettled political situations), a few in Asia (Afghanistan, Burma, Lebanon, Sabah, etc), and, in the Western Hemisphere, El Salvador and Paraguay plus Antarctica at the bottom of the globe. On the plus side of the ledger, Oman and Mongolia were reported this year but not in 1975.

Europe

ALBANIA: R. Peking Relay, 7120, date/fqy cd "Beautiful Yao Mountains" in 26d air, no rp (SMITH FL)

R. Tirana, 9250, cd w/sketch of man carrying banner in 130d sfc for 1 IRC (SMITH MD)

AUSTRIA: ORF, 6015, f/d "Laxenburg mit Franzenburg" cd in 58d air, no rp (HOFFMAN PA);
9270, f/d "Salzburg--Harmony of Landscape and Culture" cd in 62d air, no rp (SMITH AL);
15305, f/d silver "QSL" cd in 70d air, no rp (MAKISHIMA JAPAN)

BELGIUM: ORU, 9225, f/d blue/white cd w/ORU printed on front, 32d air, no rp (SCHIPPELLITI MA); 9230, date/fqy gray cartoon map cd in 27d air for 2 IRCs (HOFFMAN PA)

BULGARIA: R. Sofia, 9700, f/d "Bachkovo Monastery" cd in 106d air, no rp (GARNER ONT),
f/d "Nessebar" cd (#2 in series) in 197d air, no rp (GARNER ONT)

CZECHOSLOVAKIA: R. Prague, 9930, f/d "40th Anniversary of R. Prague" cd in 20d air, no rp (BOWEN NS); 7345, same cd in 38d air, no rp (PECENKA IN), f/d "Orava Castle" cd in 50d air, no rp (GARNER ONT); 9630, f/d "Karlstein Castle" cd in 36d air, no rp (RAFE NY);
11990, f/d cd w/black/white pix of Slovak woman sewing in 37d air for 3 IRCs (LORDO SC)

DENMARK: R. Denmark, 15165, f/d black/white tower and antennas cd in 28d, no rp (PETERS KY)

FINLAND: R. Finland, 11755, f/d cd "Autumn in Finland" in 21d air, no rp (KATO JAPAN);

15110, f/d "Autumn in Finland" cd in 23d for 1 IRC (LORDO SC), same in 19d, no rp (GARNER ONT), same + pennant in 17d, no rp (SMITH AL), f/d silver and black "50th Anniversary" cd in 14d, no rp (FOWLER ONT), same in 16d (SMITH AL)(BROOKER MI), same in 23d, no rp (GREENIDGE NY)

FRANCE: R. France International, 15155, no data cd "L'Arc de Triomphe et la Place Charles de Gaulle-L'Etoile" + pennant in 22d air (SMITH AL); 15200, f/d cd "Couleurs et Lumiere de France" in 25d air, no rp (GROSS VA), f/d Seine aerial photo cd in ??d + pennant (BROOKER MI), f/d cd "Paris--Le Pont-Neuf, Le Palais de Justice, La Sainte-Chapelle et Notre-Dame" in 24d air, no rp (SMITH AL); 15210, f/d cd of RFI bldg in 15d (RAFE NY); 15300, f/d cd of island in the Seine in 49d air, no rp (PECENKA IN); 15425, f/d cd of city in 18d air, no rp (IULL MI), time/fqy cd of modern tower bldg in 21d for no rp and FF rpt (EATON WI); 17220, f/d aerial photo of Paris cd + pennant in 19d (FOWLER ONT)

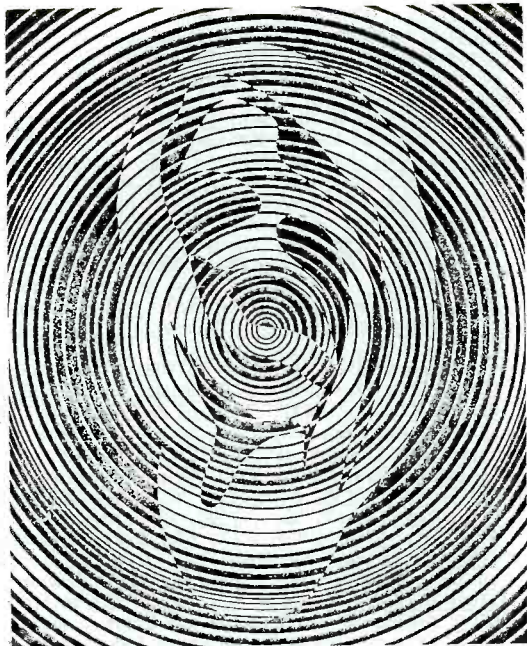
GERMANY (Democratic Republic): RBI, 9730, f/d cd "Serie DDR-7" in 28d air, no rp (FOWLER), f/d cd "Serie Berlin-6" in 56d air, no rp (SCHIPPELLITI MA), f/d cds #1 & 2 in Berlin series in 82d air, no rp (GARNER ONT); 9255, f/d cd of large ship in shipyard, 84d for 2 IRCs (ORR CO); 11840, f/d cd "Serie DDR-9 Rostock-Warnowwerft" in 64d air (ENDEA CA), f/d "Serie DDR-7 'Stralsund'" cd in 68d air, no rp (PRATER OR)

GERMANY (Federal Republic): Deutsche Welle, 6075, f/d logo cd in 30d air + promise of pennant for 2 IRCs (WARRENBURG WI); 6100, no data "rainbow" cd in 100d sfc, no rp (IULL MI); 6185, no data "multi-colored cd" in 130d sfc, no rp (WILSON CA); no fqy, no data "usual DW cd" in 5 mo sfc (GRENIER CA)

Südwestfunk, 7265, date/fqy op-art design cd w/GG/EE veri on reverse, in 66d sfc for 1 IRC, v/s Dr. Schörken (Techn. Dir.) (BUTTERFIELD MA), same in 75d sfc for 1 IRC (WATTS IN), same in 73d sfc for MS and GG rpt (GETZEL NY) Both Greg and Art indicate that since the QSL (see next page) is in GG/EE, an EE report may be acceptable. bc VOA (Munich Relay), 3980, f/d JFK Center cd on special xmsn of the Presidential debates, 15d, no rp, v/s Monica Reyes (BUTTERFIELD MA)

Thanks to:

Bob Butterfield
Greg Watts



QSL Südwestfunk

Anstalt des öffentlichen Rechts



GREECE: V. of Greece, 9760, f/d plain white cd in 15d for 1 IRC, v/s A. Argyropoulos (PECENKA IN), same in 16d for no rp (SANN NJ), same in 20d for 1 IRC (HOFFMAN PA), same in 30d for no rp (REDMAN IL); 11760, same in 17d for no rp (WAKISAKA JAPAN) VOA (Kavala Relay), 2770, time/fqy stamp cd in 7d sfc, site listed by request (NEBRON CA)

HOLLAND: R. Nederland, 11730, b/w cd w/photo of Harry van Gelder on farewell bdcst, 13d air for 2 IRCs (THOMPSON NM); 11740, f/d "Eddie Startz" Memorial cd in 25d air, no rp (TSUKAMOTO JAPAN)

HUNGARY: R. Budapest, 6000, f/d blue cd w/white castle painting in 33d air for 1 IRC (LORDO SC); 7215, f/d "Mezokovesd Costume" cd in 30d air, no rp (GARNER ONT), f/d black cd "w/lines coming from a ball" + pennant in 49d air, no rp (MERCADO CA); 9585, f/d magenta cd w/black/white Georgian style bldg, in 29d air for 2 IRCs (SOMERS CA); 15160, f/d orange cd w/pix of castle + pennant in 70d air for no rp (MAKISHIMA JAPAN)

ITALY: RAI, 9575, f/d painting cd "l'Aurora" by Michelangelo Buonarroti in 125d air, no rp (ENDZA CA), same in ??d for 1 IRC (SMITH MD), f/d "painting series" cd in 156d, no rp (GARNER ONT); 11810, f/d "l'Aurora" cd in 79d air for 1 IRC (BETHGE MO), same in 99d air for 1 IRC (THOMPSON NM), same in 119d air for no rp (SMITH FL), same in 120d air (PETERS KY), same in 130d air for 1 IRC (ROSINSKI PA)

MALTA: Deutsche Welle Relay, 9610, no data red cd in 53d air, no rp (GETZEL NY)

MONACO: TWR, 7105, f/d orange map cd in 30d air for 2 IRCs (GROSS VA)

NORWAY: R. Norway, 6130, f/d cd (no description) + pennant in 4 mo, no rp (DULMAGE ONT); 11850, f/d cd "Autumn at Lake Gjende, Jotunheimen Mountains" in 63d sfc (TOMORI HI); 11870, f/d "Holidays in Norway" cd in 13d air, no rp (WILSON CA); 15175, f/d color cd of woman looking at fiord, 63d sfc for 2 IRCs (SOMERS CA), f/d autumn scene cd + flag, no time stated, no rp (MAYER IL)

POLAND: Polskie R., 9540, f/d cd "Heraldic Arms of Polish Towns" in 61d air, no rp (GARNER ONT); 11815, same in 3 mo air, no rp (NEBRON CA), f/d "Polish R. DX Club" cd in 60d air, no rp (REDMAN IL)

PORTUGAL: R. Portugal, 6025, f/d cd "Church of St. Vicente-de-Fora" in 19d air, no rp (ROSINSKI PA), f/d cd "Lisbon--St. George's Castle" in 38d air + pennant, no rp (SMITH AL); 17880, f/d St. Vicente Church cd in 18d air, no rp (RAFE NY); 21495, f/d "The Castle" in 20d air, no rp (FAMULARO NJ)
IBRA R., 9670, f/d blue, world map target area cd in 19d air for 1 IRC + pennant (BUTTERFIELD MA)

ROMANIA: R. Bucharest, 5990, date/fqy cd on United Nation Square in Bucharest, + pennant in 238d air, no rp (HOFFMAN PA)

SPAIN: RNE, 6065, f/d picture of Noblejas xmtr site in 91d air for 3 IRCs and SS rpt (LORDO SC), same in 18d for no rp (THOMPSON NM); 11880, same in 20d air for no rp (THOMPSON NM), same in 26d air + pennant, no rp (RAFE NY), same + pennant in 29d air, no rp (SMITH FL), same + pennant in 56d air, no rp (SCHIPPELLITI MA), same + pennant in 59d air, no rp (THOMPSON NM), same in 100d sfc for 1 IRC (WILSON CA), same in 23d + pennant for 1 IRC (GREENIDGE NY); 15365, same in 76d air for 1 IRC (THOMPSON NM)

SWEDEN: R. Sweden, 9605, f/d yellow/blue map cd + pennant in 51d air, 1 IRC (HOFFMAN PA); 9695, same w/o pennant in 140d, no rp (WORMAN WI); 9745, same in 248d, no rp (MAKISHIMA JAPAN), 11705, same in 139d, no rp (GROSS VA); 11955, same + pennant in 72d air, no rp (SMITH AL)

...Most people are in favor of progress--it's the changes they don't like!

SWITZERLAND: SBC, 6235, b/w photo of Geneva's Jet d'Eau, 38d sfc, no rp (THOMPSON NM); 9725, f/d Palace of Nations cd in 19d air, no rp (HOFFMAN PA), f/d cd w/photo of market place and bell tower, 57d sfc for 2 IRCs (SOMERS CA); 15140, f/d "Two Bobs" cd in 45d sfc, no rp (BROOKER MI); 15305, f/d cd "Basle's Griffin" in 55d sfc, no rp (RAFE NY)

USSR:

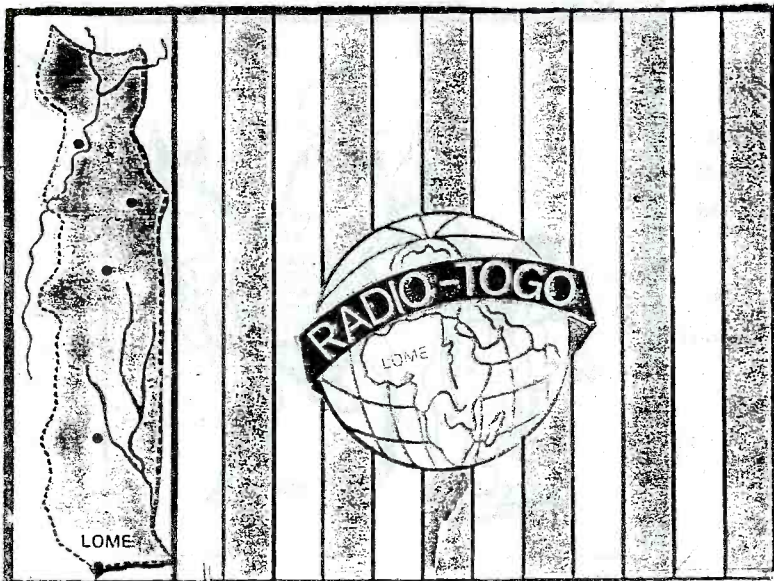
Armenian SSR: R. Yerevan, 15100, f/d mimeo paper "cd" in 90d air, no rp (ENDZA CA); 15210, same in 117d registered air, no rp (HARDESTER CA)
Byelorussian SSR: R. Moscow, 11960 (Minsk), f/d cd of CMEA bldg, no time (WHITE FL), f/d "Kalinin Prospekt" cd in 30d (IEGGE VA)
Kirghiz SSR: R. Moscow, 11890 (Frunze), f/d "Kalinin Prospekt" cd in 30d (IEGGE VA)
Lithuanian SSR: R. Moscow, 7100 (Kaunas), f/d CMEA bldg cd in 30d (PECENKA IN)
R. Vilnius, 7150, f/d circles cd w/drawing of Vilnius in 37d air, no rp (SMITH AL); 7190, same in 40d for 1 IRC (LORDO SC); 9645, f/d green/white flower cd in 178d air, no rp (SMITH FL); 9720, f/d circles cd w/town drawing + pennant in 102d sfc (BAUMGARTNER)
RSFSR: R. Moscow, 5915 (Ryazan), 7175 (Moscow), 7320 (Omsk), 9480 (Moscow), 9500 (Moscow), 9680 (Moscow), 9700 (Moscow), 9720, 11705 (Serpukhov), 12050 (Vladivostok), 15100 (Vladivostok), 15305 (Sverdlovsk), 15385 (Armavir). F/d cds in 30-53d air, no rp.
•CMEA bldg (MILLER CA) (BOWEN NS) (SMITH FL), "Kalinin Prospekt" (FOWLER ONT) (SMITH FL) (SMITH AL), "Moscow State University" (SMITH FL), "Sputnik Memorial" (MILLER CA), "Lenin Central Stadium" (SMITH FL), no description, (IEGGE VA)
R. Peace and Progress, 25 mb, f/d Red Square cd in 30d air (PRATER OR); 41 mb, f/d red carnation flower cd in 30d air (PRATER OR)
Radiostantsiya Rodina, 7310, date/time/mb yellow R. Moscow cd in 60d sfc for RR rpt (WATTS IN); 15150, f/d yellow R. Moscow cd in 51d air, no rp, RR rpt (GETZEL NY)
Ukrainian SSR: R. Kiev, 7390, f/d circles cd in 30d air, pennant (SMITH FL)
R. Moscow, 11735 (Vinnitsa), f/d "Kalinin Prospekt" cd in 35d air, no rp (WILSON CA); 11850 (Vinnitsa), f/d CMEA bldg cd in 25d air (NEBRON CA); 11980 (Vinnitsa), CMEA cd in 30d (IEGGE VA); 11990 (Starobelsk), "Moscow State University" cd in 95d air (HARDING)
VATICAN CITY STATE: 5995, f/d "Citta del Vatican" cd in 50d air, no rp (BAUMGARTNER ONT); 9605, f/d cd of "stone angel and cross tower" in 17d air, no rp (BOWEN NS), f/d cd w/air photo of xmtr bldg and antenna in 15d air, no rp (RAFE NY); 17825, f/d color pix of Vatican R. stn in 25d air, no rp (SMITH FL)

Africa

ASCENSION ISLAND: BBC Atlantic Relay, 7105, no data Thames cd w/"Atlantic Relay" typed in, 24d, no rp (WHITE FL)
EGYPT: R. Cairo, 9475, f/d cd "1st serial-3rd scene" in 58d air, no rp (SMITH AL), same in 54d air, no rp (RAFE NY); 9805, f/d cd "1st serial-1st scene" in 80d sfc for 1 IRC (BAUMGARTNER ONT)
ETHIOPIA: ETLF, 11910, f/d cd w/four scenes in 61d air for 1 IRC (BUTTERFIELD MA)
GHANA: GBC, 4915, usual tricolor border cd w/Ghana crest in 44d air for 2 IRCs, f/d (HOFFMAN PA), same in 142d sfc for 2 IRCs (WILSON CA)
LIBERIA: VOA (Monrovia Relay), 7280, f/d bicentennial stamps cd in 8d sfc w/site verified (PECENKA IN), same in 9d sfc, no rp, v/s Monica Reyes (THOMPSON NM)
LIBYA: Peoples' Revolution Broadcasting, 6185, ltr w/veri statement only, ??d sfc for MS, EE rpt, v/s Q. Buzaid--and after many trials (MAYER IL)
MALAGASY (Republic): R. Nederland Relay, 11730, date/time "Harry van Gelder" retirement cd in 39d air, no rp (MILLER CA), same in 11d (ORR CO); 11740, same in 12d (PECENKA IN), f/d "Happy Station" QSL cd in 16d air for 1 IRC (ISHIZAKI JAPAN)
RWANDA: Deutsche Welle Relay, 17765, f/d blue/yellow map cd in 39d air for no rp (HOFFMAN)
SEYCHELLES: FEBA, 11870, f/d orange/white map cd in 157d sfc for 1 IRC (MAKISHIMA JAPAN)
SOMALIA: R. Mogadischu, 9585, f/d SBS antenna/emblem logo cd in 69d air for 1 IRC (BUTTERFIELD MA)
SOUTH AFRICA: RSA, 7270, f/d "Kaffirboom Tree" cd in 22d air, no rp (PECENKA IN); 9585, same in 20d air, no rp (WILLIS PA), f/d cd "Drakensberg view" in 18d air, no rp (GARNER ONT), f/d "Flamingoes" cd in 16d air, no rp (BOWEN NS); 11900, "Kaffirboom" cd in 22d air, no rp (MILLER CA), same in 23d air for 1 IRC (HOFFMAN PA), same in 2 mo air for no rp (GRENIER CA); 21535, same in 26d air, no rp (SMITH FL)
SABC, 3980, usual f/d multicolored "Industries" cd in 27d for 1 IRC (ORR CO)
SWAZILAND: Swazi Music R., no fqy, ltr w/simple statement: "We are a small station and as such have no QSL cards. Thank you for listening." No v/s. 48d after f/up w/3 IRCs (HARDESTER CA) Gee Mike, I got a whole paragraph a year or so ago. bc
TANZANIA: R. Tanzania, 5050, f/d yellow cd w/picture of drum and station, in 158d sfc for 1 IRC (MAKISHIMA JAPAN)
TOGO: R. Togo, 5047, f/d map and globe cd (see next page) in 21d air for 3 IRCs and EE/FF rpt (GROSS VA), same w/date and time only in 28d air, no rp (FAMULARO NJ)
UGANDA: UBC, 15325, f/d half page form ltr in 14d air after f/up, 145d total, for 2 IRCs (BUTTERFIELD MA)

I won't say I know what the government does with the taxpayers' money, but they just ordered seventeen more drains.

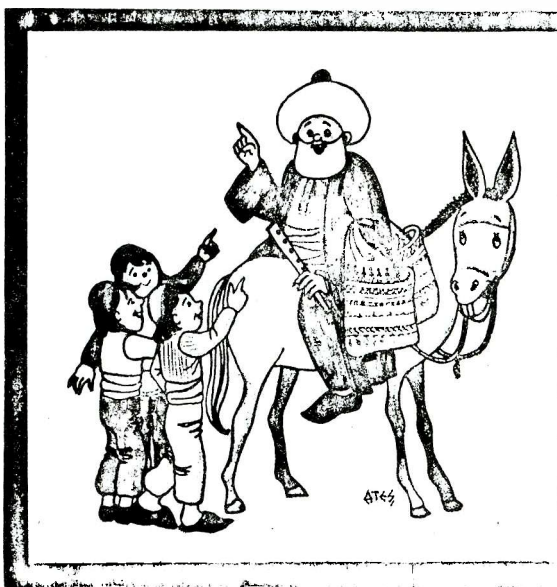
Thanks to
Skip Gross



Asia

- CHINA (People's Republic): R. Peking, 9480, date/time cd "Shaoshan Village" + pennant in 13d air (TSUKAMOTO JAPAN); 9780, date/fqy cd "The Red Flag Canal + pennant in 17d air (EATON WI); 11650, date/fqy cd "Beautiful Yao Mountains" in 17d air (MILLER CA); 11945, "Yao Mountains" cd in 24d air (SMITH FL), same in 22d + pin (FAMULARO NJ), same + pennant in 23d (RAFE NY); 15060, "Red Flag Canal" cd + pennant in 28d (GARNER ONT); no fqy, f/d "blue and white city" cd + pin in 2 wks (LULL MI)
- INDONESIA: RRI Tanjung Karang, 3395, Indo ltr of confirmation in 31d air for Indo rpt and 2 IRCs (WAKISAKA JAPAN)
RRI Sibolga, 5260, Indo ltr in ?wks after f/up for MS and Indo rpt, v/s Zainal Abidin Hatta (SPARKS CA)
- IRAN: V. of Iran, 15084, f/d "Mahabad Television" cd + pennant in 28d air for no rp (GROSS VA)
- IRAQ: R. Baghdad, 9745, f/d map cd (Ruins of Hatra) + paper and metal emblems, in 81d, no rp (GROSS VA)
- ISRAEL: IBA, 9815, f/d photo cd "Jerusalem, the Golden City at Sunset" in 69d air for no rp (THOMPSON NM); 11645, f/d cd "Shrine of the Book and the Knesseth Building" in 54d air for no rp (GARNER ONT), same in 94d sfc for no rp (GREENIER CA); no fqy, f/d "Jerusalem" cd in 59d air, no rp (LORDO SC)
- JAPAN: NHK, 5990, date/fqy cd "Noh Mask of a Woman" in 20d air (HARDING CA); 9505, date/fqy cd "pair of 'Tachibina' dolls" in 22d air, no rp (TOMORI HI), date/fqy cd "Hakata doll modeled after girl in kimono" in 28d air, no rp (CLEVELAND CA); 15105, f/d "Koto" cd + pennant in 22d air, no rp (SMITH AL), date/fqy "Tachibina" dolls cd in 17d air, no rp (SMITH AL), date/fqy "Lucky pair of Hakata Dolls" cd in 20d air, no rp (GROSS VA); 15195, "Tachibina" dolls cd in 15d air (THOMPSON NM), date/fqy cd "Japanese bamboo grove" in 22d air, no rp (SMITH FL); 15300, f/d "Tachibina" dolls cd + pennant in 22d, no rp (GREENIDGE NY)
- NSB, 3925, f/d cd of xmtr section, 43d air, no rp (MERCADO CA)
VOA Okinawa Relay, 7165, f/d bicentennial stamps cd in 9d sfc, v/s Monica Reyes (THOMPSON NM)
- PHILIPPINES: VOP, 9580, date/time view cds of Tree House in Zamboanga City, Arbuklso Dam in 4d air (MILLER CA), multicolored cds w/full data in 20d for 2 IRCs (MILLER CA), view cds w/date/fqy of Clark Air Base, Camp John Hay, Subic Navy Base in 5d air (MILLER CA)
- SINGAPORE: R. Singapore, 5052, f/d logo cd in 38d air, no rp (MILLER CA); 11940, same cd in 25d sfc for 2 IRCs (SOMERS CA)
- SRI LANKA: VOA Relay, 15185, time/fqy Kennedy Center cd in 8d sfc, v/s Lauri Fitz (WHITE FL); no fqy, f/d bicentennial stamps cd in 4d, v/s Monica Reyes (NEBRON CA)
- SYRIA: R. Damascus, 9655, time/fqy map cd in 230d sfc for 2 IRCs, v/s Khder Omran (YAJKO PA) Bob says he reported 9645 bc.
- TAIWAN: VOFC, 15425, f/d "Red Trees in the Mountains" cd in 71d for 1 IRC (ORR CO), f/d waterfall on mountain cd in 99d air for 2 IRCs (SOMERS CA)

Nasreddin
Hodja
thanks
to
Don
Dutkowski



WORLDWIDE
GLOBE TROTTERS
BY WOODBERRY BIRDING

TURTLE

TURKEY: V. of Turkey, 9515, f/d cd "Nasreddin Hodja, master of Turkish Humor" in 44d air for 1 IRC (PECENKA IN), f/d "Keloglan" cd in 29d air, no rp (RAFE NY), same in 42d air, no rp (BOWEN NS); 11880, "Keloglan" cd in 30d air for 2 IRCs (SOMERS CA), same in 31d air for no rp (WILSON CA), same in 45d air for 3 IRCs (LORDO SC), "Nasreddin Hodja" cd in 22d air for 1 IRC (HOFFMAN PA)

Oceania

AUSTRALIA: ABC Perth, 9610, f/d Western Australia map cd in 15d air for 1 IRC (THOMPSON), same in 23d air, no rp (SMITH AL); 15425, same in 46d, 1 IRC (ISHIZAKI JAPAN) VNG (time and fgy), 7500, f/d form ltr in 65d air, no rp (GROSS VA); 12000, same in 28d air no rp, v/s P. Schleager (KATO JAPAN), same in 53d, no rp (TSUKAMOTO JAPAN)
R. Australia, 5995, 7215, 9515, 9560, 9570, 9580, 9770, 11780, 11810, 11835, 11885, 15160, 15290, 15320, 17795. F/d cds, v/s P. Koch, "Blue Wren" (NEBRON CA)(BETHGE MO)(EATON WI)(SMITH AL)(MILLER CA)(MAKISHIMA JAPAN)(TSUKAMOTO JAPAN)(HARDING CA)(MALONE MA); "Scarlet-crested Parakeet" (OWSLEY CA)(EATON WI)(NEBRON CA)(HARDESTER CA)(GRENIER CA)(MILLER CA)(THOMPSON NM)(TSUKAMOTO JAPAN)(YAJKO PA)(HARDING CA); "Aerials at Carnarvon" (THOMPSON NM); no desc., (DULMAGE ONT). Makishima also recvd pennant. Cds in 90-241d sfc for no rp, 30-54d air for 1 IRC, 26d air for 2 IRCs, 29d air for MS.

NEW ZEALAND: R. New Zealand, 9540, f/d color pix of hiker by lake, 27d air, no rp (SMITH FL); 9585, f/d pix of hot springs, 36d, no rp (SMITH FL), f/d mountain lake scene in 30d, no rp (REDMAN IL); 11705, f/d cd of Wellington cable car in 46d for 2 IRCs (MILLER CA); 15130, f/d hot spring cd in 24d for 2 IRCs (WORMAN WI)

PAPUA NEW GUINEA: R. Milne Bay, 3360, vague ltr in 200d (68 after f/up) for 3 IRCs, v/s Trevor Webumo, O.I.C. Music (HARDESTER CA)
R. Manus, 3905, ltr in 30d after f/up for MS, v/s Peter Sohia (next page) (SPARKS CA)
NBC, 4890, f/d ltr in 147d for 1 IRC, v/s C. Ketsimur (THOMPSON NM), f/d map cd in 21d air for 2 IRCs v/s J. Arifeae (PECENKA IN); 9520, f/d ltr in 112d sfc (SMITH AL)

South America

BRAZIL: R. Brazil Central, 4985, f/d EE ltr in 54d air, no rp, EE rpt (KATO JAPAN), f/d SS ltr in 65d sfc for 2 IRCs and SS rpt (SOMERS CA)
R. Nac. de Brasilia, 11780, f/d map cd in 30d air, no rp (PECENKA IN)

COLOMBIA: LV del Cinaruco, 4865, no data SS ltr of confirmation, in 18 mo air for no rp and SS rpt (REDMAN IL), same in 21½ mo air for MS and SS rpt (CLEVELAND CA), same in 10 mo after f/up for MS and SS rpt (SPARKS CA) v/s Garrid Munoz T., Gerente
R. Santa Fe, 4965, no data "Indio girl picking coffee beans" cd in 24d air, no rp, EE rpt (KATO JAPAN)

Ecos del Atrato, 5020, long SS ltr in 15d after f/up for MS and SS rpt, v/s Glenda Uzcatequi (SPARKS CA)

LV del Llano, 6115, date only friendly verie ltr w/pix of Colombia, in 56d air for MS and SS rpt, v/s Jairo E. Cifuentes (BAUMGARTNER ONT)

...A head is what you have to use to get...

NATIONAL BROADCASTING COMMISSION
OF PAPUA NEW GUINEA

RADIO MANUS
P.O. BOX 10
LORENGAU
Manus Province

Dear Sir,

Thank you for your letter. I am pleased to verify your reception report of our transmission on 3,905 kHz at 1970-11-60 on October 5th 1978. I apologize for the delay in replying to your report. However I have checked your reception report against our D.R.M. log and everything proves that you were on that particular date listening to Radio Manus. For your interests, we have given our station a 'nick name' Maus Blong Chauka. The Chauka is a very popular bird in the Admiralty Islands. Our ancestors, in the 'old days' believed the bird to be human. He (she) lived in one of the nearby islands but came to the mainland because the island ran out of water.....

Thank you once again for the reception report. It does help when an Announcer wonders whether he is being heard.

Happy DXing from staff of Radio Manus, Maus Blong Chauka

Yours sincerely,

Peter Thomas Schia
a/Assistant Station Manager

NATIONAL BROADCASTING COMMISSION
P.O. BOX 10
LORENGAU, MANUS PROVINCE
PAPUA NEW GUINEA

*I have also received
your latest. Sorry for
the delay.*

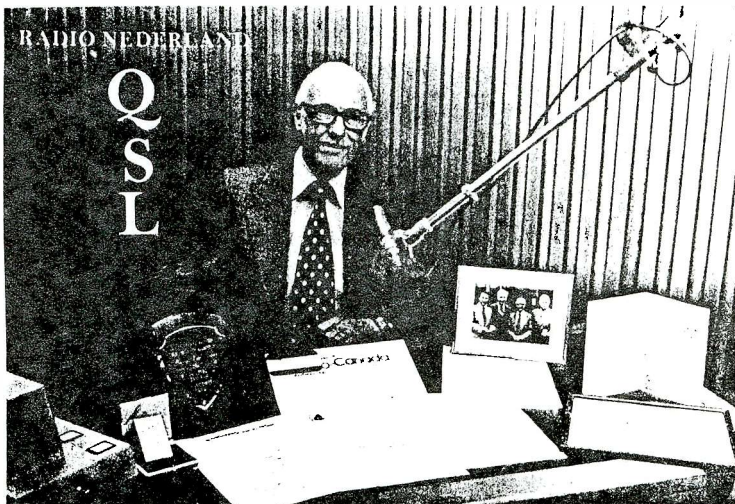
ECUADOR: HCJB, 6095, 9560, 11915, 15300. F/d cds in 20 24d air for US MS, 17-32d for no rp, v/s Hervert P. Jacobson, Sam Rowley, Roger Stubbe, Abe C. Van Der Puy. "Bread Dough Indian couple" (GREENIDGE NY)(MALONE MA); "Bread Dough llama" (GREENIDGE NY)(ORR CO); "Bread Dough girl" (GREENIDGE NY); "Boy riding llama" (YANKO PA); #4 wood-carving in Ecuador (GRENIER CA); "World Radio Chapel" (BOWEN NS); "Stereo Control Room" (BOWEN NS); Ecuadorian Echoes Series C--"The window of the Andes" (MILLER CA); Ecuadorian Echoes Series F--"Of all nations, people, and tongues" (MILLER CA); album series #6--"World's highest TV antenna" (SMITH FL); album series #7--"TV version of 'old fashioned melodia'" (SMITH FL). Note: Neil Greenidge indicates back issue cds may be requested when reporting

...A politician is a person who approaches every question with an open mouth...

VENEZUELA: R. Lara, 4800, date/fqy blue/white network cd in 57d sfc, SS rpt (PRATER OR)
R. Universo, 4880, date/fqy blue/white network cd, 58d sfc, no rp, SS rpt (PRATER OR)
R. Yaracuy, 4940, date/fqy green/white cd in 107d sfc, 2 IRCs, SS rpt (SOMERS CA)
R. Nacional de Venezuela, 15400, date only form ltr in EE, 31d air for no rp (GROSS VA),
same in 52d for 2 IRCs, v/s Charlie Nash (ORR CO)

North America

CANADA: CBC Northern Service, 5960, f/d bear carving cd in 21d sfc (PECENKA IN); 9625,
same in 43d sfc (BAUMGARTNER ONT)
CHU (time and fqy), 3330, fqy only Sir Sanford Fleming cd, 20d sfc (PECENKA IN)
CKZN (St. Johns), 6160, date/fqy "CBC Marystown" cd in 25d (SCHIPPELLITI MA)
COSTA RICA: R. Casino, 5954, date/fqy green bilingual cd + pennant in 35d air for 1 IRC
(PRATER OR), same in 26d for no rp (SMITH AL)
TIFC, 9645, f/d yellow cd in 53d air for 2 IRCs (THOMPSON NM), same in 37d for 2 IRCs
(THOMPSON NM), same + pennant in 61d for MS (GEIZEL NY), yellow/purple microphone cd
in 23d + pennant for MS (BAUMGARTNER ONT)
CUBA: R. Habana Cuba, 9525, f/d yellow circle logo cd in 59d air, no rp (OWSLEY CA);
11930, same in 42d (RAFE NY)
DOMINICAN REPUBLIC: LV de la Fuerzas Armadas, 4825, ltr and cd in 2 mo for SS rpt and MS
v/s Fidel Teodoro Baez Berg, Director General y Administrador (DULMAGE ONT)
GUATEMALA: R. Cultural, 3300, date/fqy "Quetzal Bird" cd in 20d air for 2 IRCs and EE rpt
(GARNER ONT), same in 24d air for 1 IRC (THOMPSON NM), same in 41d air, no rp (SMITH AL)
R. Maya de Barillas, 3325, f/d warrior cd in 279d air (38 after f/up) for MS and SS rpt,
v/s Loran W. Veith (HARDESTER CA)
HAITI: R. 4VEH, 11835, f/d cd of woman in front of building, 164d sfc for 1 IRC, v/s
Michelle Archer (ROSINSKI PA)
HONDURAS: R. Suyapa, 6125, f/d "broomface" cd in 14d air, no rp, SS rpt, v/s Francisco
Ellortegui (REDMAN IL)
MEXICO: R. Mexico, 15385, f/d SS ltr in 330d sfc, no rp, v/s Manuel Cerrillo (SANN NJ)
NETHERLANDS ANTILLES: R. Nederland, 6165, f/d "Eddie Startz" Memorial cd in 20d air
(BROOKER MI), same in 35d (MALONE MA), same in 25d (MILLER CA), same in 14d (NEBRON CA)
(Boy, did I blow it--intended to use this Harry van Gelder cd here thinking I had some
from the Netherlands Antilles. Sorry about that. Just refer back to Holland or to the
Malagasy Republic. bc)



UNITED STATES: AFRTS, 6030, f/d logo cd in 22d sfc (ROSINSKI PA); 11805, same in 4 wks
(LULL MI); 15330, same in 45d (ENDZA CA)
KCEI, 5980, f/d San Francisco scenes cd in 45d sfc, no rp (ROSINSKI PA), same in 30d
(PETERS KY), same in 61d (HOFFMAN PA), same in 62d for 6 IRCs (TSUKAMOTO JAPAN); 9615,
same in 73d, no rp (ORR CO)
UN Radio, 15410, date/time multilingual cd in 7d sfc (FAMULARO NJ)
VOA, 5110 (SSB), 11830, 15430, (HARDESTER CA)(ROSINSKI PA)(LULL MI)
+ cds from WJNB, WWV, WWVH, WYFR for (SOMERS CA)(LORDO SC)(PECENKA IN)(LULL MI)(SMITH AL)
(ORR CO)(MILLER CA) BUT I'M FRESH OUT OF SPACE

No takers on the sign for November. Doesn't anyone out there read Farsi? The sign
courtesy of Kamran Omidasalar, said "One Way Street". No sign this month except one from
me in English that says "Merry Christmas and a Happy New Year."

73's, Bill

11/16/76

Tips and Topics

The Feature Section of SPEEDX

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

REVIEW OF THE SONY CRF-320 PORTABLE RECEIVER

by Dave Hammer

I recently had the opportunity to operate this impressive new product introduced by the Sony Corporation and I wish to share with you some of my observations.

This receiver covers the entire frequency range from 150 kHz to 30000 MHz and the 88 to 108 MHz FM band. It has two tuning dials, one for SW only and the other for the LW, MW, and FM bands. A digital LED readout is used in the SW mode only, providing a tuning accuracy to within 1 kHz and covers the frequency range from 1600 kHz to 30000 MHz. A built in whip antenna about three feet long is provided as is input connections for an external 50-75 ohm dipole. The antenna is in turn connected to a rf amplifier/preselector which provides optimum tuning for the SW band. A local/distance switch is provided on the rear of the set to prevent strong signal overload. A noise filter prevents extremely loud audio blasting but does not blank out impulse noise.

The CRF-320 utilizes the frequency synthesis principle which is found in such other receivers as the Drake SSR-1, the Yaesu FRG-7 and the well known Barlow Wadley XCR-30. One knob selects the desired 0-10-20 MHz range and the other selects the 0-9 MHz range. The desired MHz band is determined by adding the two dial positions together. Then the tuning dial is adjusted for the correct kHz that is wanted.

The manufacturer's specifications are listed below:

Sensitivity:

LW 57 μ V/m (30 d b/m) S/N 6 d b
MW 32 μ V/m (30 d b/m) S/N 6 d b
SW 0.7 μ V (-3 d b) S/N 6 d b at 10 MHz
FM 1.8 μ V S/N 30 d b

Selectivity:

LW, MW, SW, normal width -60 d b \pm 8 kHz
narrow width -60 d b \pm 6 kHz
FM 70 d b \pm 400 kHz off resonance

Image Rejection:

LW 80 d b at 360 kHz
MW 55 d b at 1600 kHz
SW 65 d b at 10 MHz

Double conversion is employed in the SW band and I believe in the MW band as well, but don't quote me on that. Outputs are provided for an 8 ohm headphone and a tape recorder. There is a built in digital "quartz" clock with a seconds flasher that works together with a timer to shut the receiver off after a predetermined interval. The receiver runs off of 12VDC or 120VAC; the clock requires a separate battery.

I examined this portable, which incidently weighs about 28 lbs., within the confines of a reinforced concrete building and within yards of about a dozen operating TV's. There was very little noticeable TV interference, even on the MW and LW bands. The SW signals seemed cleaner and the background noise seemed quieter than those on a cheaper \$300 Sony portable which was nearby. Frequency readout was very accurate as CHU on 7335 kHz WWV on 10 MHz were right on target. Subjectively, the sensitivity and

selectivity seemed quite good considering that only 3 feet of antenna was being used. The preselector tuned quite sharply and one has to be careful to adjust it just so or else no signal is heard. Switching from normal to narrow bandwidth did seem to make a big difference in station separation as well as the tonal quality (there are tone controls that could be used to compensate for this.) A SSB and CW switch is provided to switch in a BFO so that hams could be heard. The tuning mechanism was quite smooth in handling, however a spinner knob would have been nice since tuning from one end of a MHz range to the other was quite tedious.

I have only several complaints about this generally fine receiver. First of all, the digital readout does not cover the LW or MW bands. There is a separate dial for these which appears to be calibrated no better than an average, slightly expensive portable. The preselector, also does not tune these lower ranges and hence there did not seem to be very much sensitivity in these bands. I find it regrettable that these two bands were not given the same consideration and opportunity to perform as the SW band.

The CRF-320 is the kind of portable that I would enjoy having with me while on vacation at Myrtle Beach. It would be a little easier to carry around than my SPR4 and may even be comparable in many ways. However, I wouldn't want to leave it lying on the beach while I'm swimming. Just looking at this receiver could invite envy from some passerby, and one could return to find himself ripped off of a \$1600 dream receiver.

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A DXERS BEST FRIEND

by Dick Malone

How frustrating it is after tediously tuning in a foreign broadcast, sitting there pen in hand, trying to copy information needed in the quest of a QSL or verification card and missing a word, a phrase, a name, song title or an important item. To a new DXer or old this has happened too many times to count. Reception reports are the bread and butter of our hobby. But what can we do to help us out of this predicament.

Use a tape recorder of course! Make it a point to turn it on when you catch that station you haven't heard before. Play it back again and again at your leisure. Glean it of all the correct information you need. Keep those reception reports accurate and watch those QSL's come in.

I've tried several recorders and found that even the very simple inexpensive portable ones will do the job. No need to get involved with jacks, tapping speakers or rewiring jobs to record the programs. I find I can get very satisfactory results recording using a microphone right in front of the speaker. You may pick up a little background noise but the quality of the recording is good enough to hear all that important information you need.

Cassette tape recorders are ideal for this. They aren't too costly; the tapes are inexpensive and can be used over and over again with good results. Of course if your radio is equipped with a recording jack or you have better equipment, such as a reel to reel, a Dolby cassette deck or any of the fine recorders available today; you'll be able to make some excellent tapes. I've done it myself using a Teac Dolby cassette deck, recording in mono, playing it back through my stereo receiver; the end result being studio like recordings. But this isn't necessary. The Ampex portable I use most often with a small high impedance mike to record off my DX-160 gives me results that are very good.

It's also a nice feeling knowing that you're getting that program on tape; knowing that all the important program content is there so you can accurately transcribe it and send in a good reception report. Also, those once in a lifetime programs, the elusive ones, the enjoyable ones are there to be kept and heard over and over again. You can also see how

taping a French, Spanish or Portugese program would aid immensely in preparing a foreign language report.

Well after all this you can see how valuable a tape recorder can be. So if you have one - use it. If you don't - get one, try it, and you'll soon see why it's the DXer's best friend.

REVERSE ENGLISH AND THE DX-160

by Ken Eaton

When I brought home my brand new Realistic DX-160 from my friendly, neighborhood Radio Shack a few months ago, after my first frustrating but exciting year as a SWL, I really thought I had graduated. Naturally, I knew I wasn't in the big-time of Collins, Drake, or National, but it was my sincere belief that I had at least reached the fringes. After all, a goodly number of my betters in the hobby had successfully used such equipment. Why couldn't I?

Being of a cautious nature, I read and re-read the Owner's Manual before attempting to operate this new solid state magic carpet of mine. With my guide book to fabulous listening opened to page 12, and a ruler at the ready on the DX-160 International Short Wave Band Spread Calibration Chart, I carefully tuned in WWV on 10 MHz. I finally found it at 10.540 MHz. Following the Manual's instructions, I tuned to other frequencies used by WWV and CHU, and to still others used by transmitters known for their stability. The smallest error was .025 MHz; the largest was .705.

After putting down my nausea and wiping away a senile tear or two (maybe you can afford to blow \$159.95 plus 4% state sales tax, but I sure can't), it was back to the Shack and its sympathetic manager, and my DX-160 went into the shop for alignment. About a week later, assured that the operation had been a success, I picked it up, took it home, tried it out again, and found the error to be even greater!

This time, no tears - but a frightening display of the language I learned in the Field Artillery in World War II, and a few words I'd picked up since then. Back to the Shack, the shop, and to my HalliCrofter S-200.

It was more than a month after its purchase that my DX-160 resumed its place at my listening post. The technician assured me that it now was well within manufacturer's tolerances and that he could do no more. But there still were logging errors that drove me to revert to 105 mm howitzer talk.

All right, now it was time to think it out. Perhaps I was doing something wrong. No! I was following the Manual exactly. But could the Manual be wrong? Never happen! Perhaps, but let's study the Calibration Chart. Top and bottom lines: Log running from 0 to 100, left to right. Lines in between: Frequencies running from low to high, right to left! Check error data: Error at Log 50, minimal; error at Log 0 and Log 100 maximum! Solution: simply reverse the Log, left to right.

Now things were getting better - but still off. What next? Ignore the little red and white indicators on the Main Tuning dial, set the Band Spread dial Log to the place indicated on the Calibration Chart for a frequency Standard transmission (example: 0, not 100, for 15.000 MHz), and tune on the Main dial till you hit the center of the signal - then leave it there until you change bands. No WWV or CHU on the Chart for the band you want? Set the Band Spread to the frequency of a good stable transmitter you know in the band you want (example: Band Spread Log 41.5 for CFX at 6.070 MHz in the 49 meter band), and nail the signal with the Main Tuning dial.

Not exactly what the Owner's Manual told me to do, but it works! Just a few things left to do to get me well into the ball park. At 63 (that's my age, not a dial setting), the eyes aren't what they used to be, and that Calibration Chart's mighty small. First, I took the Manual to a photo-copy shop and had them make me a 200% enlargement of the Chart.

Then I typed a strip of paper with the Log numbering reversed, pasted it over the erring numbers, and added unit markings to the original 5/10 marks. Incidentally, in the blow-up of the Chart, I found a 2 mm difference in length between the upper and lower Logs.

Finally, I scrounged a piece of plexiglass, long and narrow enough, to use as cursor for this oversized "slide rule". Because of the 2 mm differential in the Logging scale, I scribed a line perpendicular to the long edge of the cursor.

In using the Chart to find the frequency of the station I am receiving, I read the number indicated on the Band Spread dial, then using the upper Logging scale of the Chart, I place the long edge of the cursor on the appropriate number, straighten that edge by lining up the scribed line on one of the horizontal lines on the Chart, and read the frequency indicated at the intersection of the same long edge and the frequency line for the meter band to which I am listening.

(Believe me, it's not as hard to do as it is to read that last paragraph!)

Of course it's not as accurate as a crystal calibrator, but it gets me within 5 kHz on most transmissions, and 10 kHz at the worst. And that's one heck of a lot better than my original 705 kHz error!

Cost of the project? Using "reverse English" on the Log Chart, left to right: a little effort; blow-up of Chart: \$1.35 (I accepted the paper negative); cursor: free scrap. Ultimate savings: My sanity!

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QSLING - BE CAREFUL

by Michael S. Hardester

In 1968, I began DXing and by 1970 I was well into sending for SWBC QSLs. In 1972, I joined the US Navy of my own free will, after sitting through the draft lottery twice and receiving no induction notice.

I am presently a Hospital Corpsman Second Class and specialize as a technician in Neuropsychiatry. It might be noted that I have no security clearance as there is no need for me to have one: I do not work in a security related area nor do I work with anyone in a security related area. During February of 1976, I was called into the base office of the Naval Investigative Service and advised that I was being investigated due to my contact with Communist-oriented states: this from my DX hobby!! The investigation was rather lengthy with friends and co-workers being contacted and finally I was cleared of any possible "wrong doing."

The investigation was quite thorough, and it appears the FBI was also in on the investigation. Why I was investigated I am not sure as I know of other DXers in security areas (such as Navy Radiomen) who have never been approached. However, the point is clear. If you are in the military - career oriented or not - you should be aware that the reports you send to any Communist oriented state are subject to scrutiny by federal agencies. The decision to correspond is yours, and as I understand it, you are not required to cease communications of this nature, however, be advised that a Department of Defense agency may decide to pay you a visit. Even after the investigation, I continued to send reports to Communist oriented states, and have experienced no problems; however, I am unsure how such activity will be viewed at my new command on Okinawa, Japan. . . time will tell.

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We reached that holiday season again and the end of our bicentennial year - 1976. Let me take this time to wish everyone a very Merry Christmas and a Happy New Year; to all my Jewish friends, I wish also a Happy Chanukah. This has been a very eventful year in the DX world. We've seen a few new transmitter sites and a few cuts in programming. But on the whole, it's been a better than average year. On the club front, contributions this year have been excellent. I do hope that you keep it up in the coming new year. Best Wishes & 73's, *Arthur* Arthur.

Caribbean relay station

R. E. Bliss, C.Eng. M.I.E.R.E.,
British Broadcasting Corporation

Summary

The BBC and the Deutsche Welle are jointly establishing a relay station on the Caribbean island of Antigua for improving the broadcasts of their vernacular language programmes to South and Central America.

Surveys showed that Antigua provided the required coverage and had the necessary infrastructure to support the station. The receiving station at Mercer's Creek is being installed by Deutsche Welle, and will have a single rhombic antenna. Programmes will be passed to the transmitting station at Sea View Farm in the middle of the island. Four Marconi 250kW h.f. broadcast transmitters feed 18 dipole curtain arrays through a Marconi switching matrix.

Antigua is situated in an area subject to hurricanes and earthquakes, and the buildings and masts have been designed to withstand these.

Introduction

A new h.f. relay station is being constructed on the Caribbean island of Antigua, and will broadcast the programmes of the BBC's External Services and those of the German overseas service, Deutsche Welle. The station has been designed primarily to improve reception of the BBC's World Service and vernacular language programmes in East and North-East South America, Central America and Mexico with similar improvements to Deutsche Welle's services. The BBC and Deutsche Welle have set up a jointly-owned company (to be known as The Caribbean Relay Company) which will own and operate the station. This is the first time that the BBC has been involved in a joint project of this nature with another broadcasting organisation.

Choice of site

During the early planning stages of the project, surveys were carried out in most of the Leeward and Windward Islands in order to select the optimum site. The island of Antigua was chosen because its geographical location will enable the required service areas to be covered and also because sufficient level ground is available for the transmitting site. A further advantage is that Antigua has a developed infrastructure which includes an international airport and deep-water harbour. The relay station installation will comprise a receiving and a transmitting station situated four miles apart, with interconnecting programme circuits. The Engineering Division of the BBC is responsible for the design, construction and equipping of the transmitting station and also for the construction of the buildings and antennas at the receiving station. Deutsche Welle are responsible for the design and equipping of the receiving station.

Receiving station

The site of the receiving station occupies some 60 acres of land near the coast at Mercer's Creek in the north-east of the island. A single rhombic receiving antenna will be installed for reception of programmes broadcast from the United Kingdom and Germany, and the station has been designed to provide four programme networks, two for each organization. Each programme network will be formed from a combination of pre-recorded programmes and direct radio relays, and switching between radio relay and tape will be carried out manually to a predetermined schedule.

Each programme chain will be provided with response-shaping filters and a limiter/compressor, and the taped programmes are subjected to 16dB of compression.

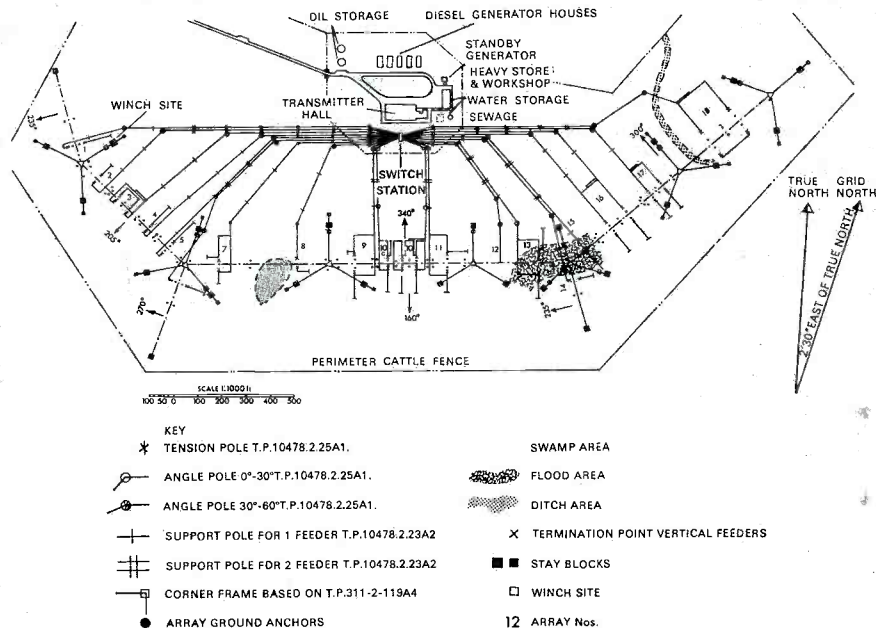


Figure 1. Site plan of transmitting station

sion. The relay transmissions will be subjected to only 4dB of compression to compensate for receiver a.g.c delays as most of the required compression is provided at the originating transmitting stations in the United Kingdom. An output from the transmitting station master frequency oscillator will be fed to the receiving station to enable clock synchronization to be maintained, together with a feed of the demodulated output from each transmitter for monitoring and recording purposes. The electrical power for the receiving station will be provided by the public supply, but fully automatic standby plant will cover mains failures.

Transmitting station

The transmitting station will occupy a 240-acre site near the village of Sea View Farm in the centre of Antigua (figure 1) and, due to the limited capacity of the public electricity supply, diesel alternator base-load generating equipment is being installed. The power installation has been designed on a unit basis where one generator provides all the power supplies for one transmitter. This arrangement has been adopted as it avoids the complications of alternator phasing and enables the rating of each diesel alternator set to be matched to its load. As the station will operate for a maximum of 16 hours a day only one standby generating set is provided, but facilities will be provided to enable one generator to supply two transmitters operating at reduced power under emergency conditions.

The switchgear at the station is required to control the 11kV supplies to the main h.t. rectifiers for the transmitters and, under normal operation, this equipment is required to perform some 5,000 close/open cycles each year. In the past, oil circuit breakers have been used, but the Caribbean station will be provided with high-power vacuum circuit breakers which will result in high reliability, a low maintenance load and a reduction in physical size of 25 per cent.

Four 250kW Marconi h.f. broadcast transmitters, type B6122 (figure 2), are being installed, and two transmitters together with nine h.f. dipole curtain transmitting arrays, will be used by each organization. The B6122 transmitter, which is widely used by the BBC and Deutsche Welle for their overseas services, incorporates trapezium modulation, which increases coverage and gives higher penetration of interference using a given transmitter power. For instance, a transmitter of 250kW carrier power, 95 per cent trapezium modulated, has a similar intelligibility at the receiver as that of a transmitter of 550kW carrier power modulated sinusoidally. Trapezium modulation operates by concentrating the power in the sidebands into those components which contribute most to intelligibility. This transmitter also uses wideband techniques which reduce the number of tuning controls and speed up the tuning process.

The output from each transmitter will be fed via a balanced and screened feeder to a Marconi feeder-switching matrix and then to the arrays using balanced open four-wire feeders. The relay station has been designed to be operated by a three-man shift (consisting of two engineers and one diesel supervisor), and will be equipped with a remote control system for selecting arrays, array bearings and transmitter power supplies.

Environmental considerations

Antigua is situated in an area which is subject both to hurricanes and earthquakes, and the buildings and masts have therefore been designed accordingly. In the early planning stages of the Caribbean project, earthquake data for the region was obtained from the Seismic Unit of the University of the West Indies, and this

revealed that the Eastern Caribbean area has been subject to earthquakes of intensity as great as those experienced anywhere else in the world. The Seismic Unit was therefore commissioned to carry out a survey of the relay station site and the information gained has been used in designing the station layout, the building and the masts.

At present the building construction programme is well advanced, and it is expected that installation of the transmitting and receiving plant will commence early in 1976. The first two transmitters are scheduled to go into service in the autumn of 1976 and the target completion date for the whole project is mid-1977. The station will be operated by staff seconded from both the BBC and Deutsche Welle supplemented by local recruitment. In general, the BBC will be responsible for staffing of the transmitting station and Deutsche Welle the receiving station.

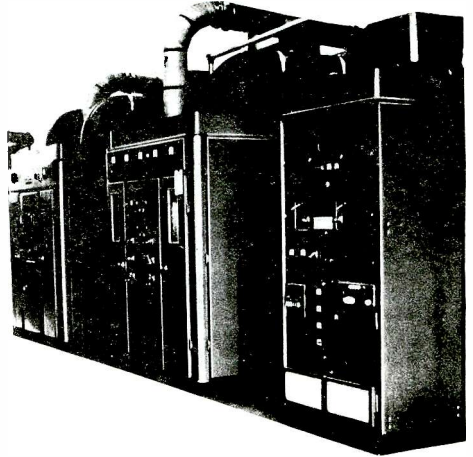


Figure 2. Typical Marconi Transmitter - 250kw (picture from Ascension Island site)

* * * * *

Hope you enjoyed this article. I received it a little while ago, and needless to say, the timing was excellent. The article was taken from Communications & Broadcasting, Vol. 2 number 3. This magazine is published by the Marconi Communications Systems Ltd. and used with their permission. In this editors opinion, probably the most interesting part of the article is Figure 1 which shows a complete layout of the transmitting area. Pretty complex, isn't it? Also, you'll notice that the BBC is totally in charge of the transmission end of the operation while DW is in charge of the receiving end.

73

John Trautschold



RADIO NEDERLAND

WERELDOMROEP



RADIO NEDERLAND, the Dutch World Broadcasting System in Hilversum, Holland, was set up in April 1947 as a link with Dutch nationals in other parts of the world, and to promote the interests of the Netherlands abroad. Since that time, Radio Nederland has become a source of unbiased information of European & world affairs, with programmes designed to appeal to the developed countries as well as the emergent nations of the world.

RADIO NEDERLAND's roots go back much further than 1947 though. In the late twenties Holland started experimental shortwave broadcasts at the Philips factory in Eindhoven. The broadcasts were heard in Indonesia (then known as the Dutch East Indies), which was quite an accomplishment in those days of shortwaves infancy. Shortly after this a site was found near Hilversum where a unique antenna system was installed. Wooden masts were mounted on a circular platform, with rails to enable rotation to any direction! This was one of the first (if not the) rotatable antenna systems in the world designed for shortwave transmissions.

At this time the call letters were PCJ. World War II halted shortwave broadcast for five years, due to the occupation of the Netherlands. After liberation, and a short period of transition, Radio Nederland was established as an independent Foundation. Then, as now, Radio Nederland was not government controlled or financed, it's funds coming from the radio-license revenue, paid by Dutch radio owners. A percentage goes to shortwave services, as well as the other services. Programing is solely controlled by a Board of Directors.

Today Radio Nederland has programmes in Dutch, English, Indonesian, Spanish, Arabic, Afrikaans, and French from transmitters in Lopik (Holland), on the island of Bonaire (Netherlands Antilles) in the Caribbean, and the island of Madagascar off the African coast. Besides their daily 50 direct transmissions, Radio Nederland exports transcription programmes, in a variety of languages. Over 100,000 of these programs are sent abroad covering such things as; music, documentary, entertainment, and information, each year on tape or disc. All are tailored to meet the needs of the country concerned.

Since 1959 Radio Nederland has been among the top few in major popularity polls, often being selected number one. Quite an honor for this major international broadcaster! If you listen to their programs, you will see why they have won these, and many other awards.

Three of the more popular programmes are: "His & Hers", "Happy Station Program", and "DX Juke Box". Many others are very interesting & entertaining too.

"HIS and HERS" is hosted by Jerry & Dody Cowan on Wednesday's (GMT date in North America at 0200 & 0500 broadcasts). Basically it's a musical request programme, presented in a very humorous manner, by the most popular husband and wife team in shortwave radio.

"HAPPY STATION SHOW" is hosted by Tom Meyer on Monday's (GMT date in North America at 0200 & 0500). This "Sunday" (local date) programme features a wide variety of music, and chatter presented in a relaxing way by Tom Meyer. It runs a full hour & 20 minutes, with no news, commentary, or other programming scheduled for this day. Perhaps the best received single programme, by the most listeners, any where in the world.

"DX JUKE BOX" with Dick Speakman is a program designed for the SWler/DXer, worldwide. One of the two best heard DX Programs in North America, it has information for all in the SWL hobby. The DX Technical Department of Radio Nederland's DX Juke Box is one of the best in the world. They answer questions about all topics of communications, through the knowledge of Jim Vastenhound. Also, available to all SWLs everywhere, are many leaflets & pamphlets, and courses for DXers, free of charge. Write for a list of what is available, you'll be amazed at the help they are willing to give. This program is heard on Friday (GMT date at 0200 & 0500 in North America).

An excellent verifier for a correct reception report to: Radio Nederland, P.O. Box 222, Hilversum, Holland. Give them a listen, I think you'll like it!

UPDATER and CORRECTION SHEET for SPEEDX-EDXC COUNTRY LIST, OCTOBER 1976

part	former text:	should read:
1.2	COMORO ARCHIPELAGO	COMORO REP. since 750706 excl Mayotte.
1.2	MAURITANIA cf Fr West Africa	MAURITANIA since 760226 incl southern one-third of former Span. Sahara; cf Fr West Africa & Spanish Sahara.
1.2	-	add: 53 MAYOTTE incl Iles Glorieuses; since 750706; cf Comoro Rep.
1.2	MOROCCO "since...Tangier"	"since 580401 incl Tarfaya Region and since 760226 incl northern two-thirds of former Sp Sahara; cf Fr Morocco, Sp Morocco, Sp Sahara, Ifni and Tangier."
1.2	SP SAHARA	deleted, transferred to part 2.
1.2	-	Africa total: 64 countries, 56 SWBC.
1.1	-	Europe total: 39 countries, 32 SWBC.
1.3	CHAGOS ARCHIPELAGO	add: "....arcia (=BIOT)".
1.3	INDONESIA "until...uinea"	"until 450816 Dutch India; since 630501 incl West Irian and since 760717 incl Port.(East) Timor; cf Dutch New Guinea and Timor"; add ciraf zones: 51,54. deleted, transferred to part 2.
1.3	NORTH VIET-NAM	deleted.
1.3	OCUSSI AMBENO	deleted, transferred to part 2.
1.3	SOUTH VIET-NAM	deleted, transferred to part 2.
1.3	TIMOR	add: 49 VIET-NAM since 490308; 540721-760702 separated into two parts; cf North and South Viet-Nam.
1.3	-	Asia total: 50 countries, 40 SWBC.
1.3	-	add: 65 BANABA = Ocean Island; since 760102; cf Gilbert & Ellice Islands.
1.4	78 EASTER ISLAND	63
1.4	GILBERT & ELL...+ Ocean	GILBERT ISLANDS since 760102; cf Gilbert & Ellice Islands, part 2.
1.4	TOUBOUAI	add: incl Rapa.
1.4	-	add: 65 TUVALU = former Ellice Islands; since 760102; cf Gilbert & Ellice Is.
1.4	-	Pacific total: 42 countries, 8 SWBC.
1.5	-	North America total: 6 countries, 3 SWBC.
1.6	11 BELIZE	10
1.6	11 GUATEMALA	10
1.6	-	Central America total: 38 countries, 16 SWBC.
1.7	-	South America total: 19 countries, 14SW.
1.8	-	Antarctica total: 14 countries, 1 SWBC.
2.2	Existing countries total: 274 countries, 170 SWBC.	
2.2	FR WES...Dahomey...	FR WES...Benin(formerly Dahomey)... add: SP SAHARA since 580401 excl Tarfaya Region and ceasing to exist 760226 when territory was divided between Mauritania and Morocco.
2.3	-	add:NORTH VIET-NAM 540721-760702; separate country; before and after this period part of Viet-Nam;cf Fr Indo-China
2.3	-	add: SOUTH VIET-NAM 540721-760702 separate country;before and after this period part of VietNam;cf Fr Indo-China
2.3	-	add:TIMOR =Port(East) Timor;since 760717 part of Indonesia.
2.3	VIET-NAM	deleted, transferred to part 1.
2.4	-	add: GILBERT & ELLICE ISLANDS since 760102 divided into Gilbert Is., Tuvalu and Banaba.

Country List total: 317

The complete SPEEDX-EDXC country List is available from SPEEDX Headquarters for .75¢, .50¢ to Full Members. This is the official SPEEDX list and upon which the SPEEDX Awards Program is based.

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We close out the year with a new high-148 reporters to the Dec. issue. A 21 gun salute to 18 first time reporters. They are: Bob Batson, Lynn Burke, Kent Corson, Ken Eaton, Jean Gauvreau, Neil Greenidge, Gary Hansen, Charles Keilholz, Richard Malone, Bill Putney, Bill Rudolph, Michael Saxon, Peter Schipelliti, Jay -- Seltzer, Jim Spencer, Tom Warrenburg, Bill Wilson and Neil Zank.

There were 8 first time reporters to the Nov. issue, they were: Jim Bryan, Don Outkowski, Tom Hall, Michiyuki Kato, Dan MacDonald, Andrew Nagy, Garry Rafe and Masato Tsukamoto.



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