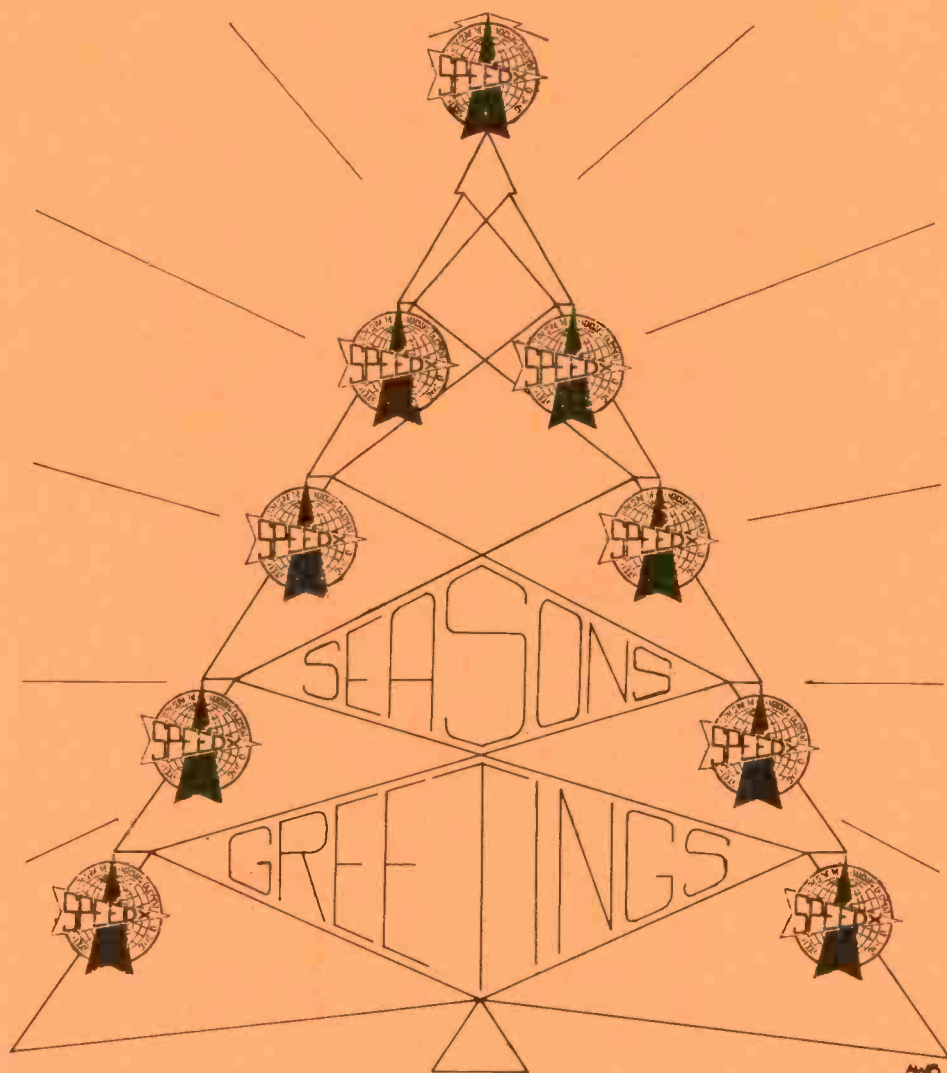


SPEEDX

the dx radio magazine for active shortwave listeners



DECEMBER 1975

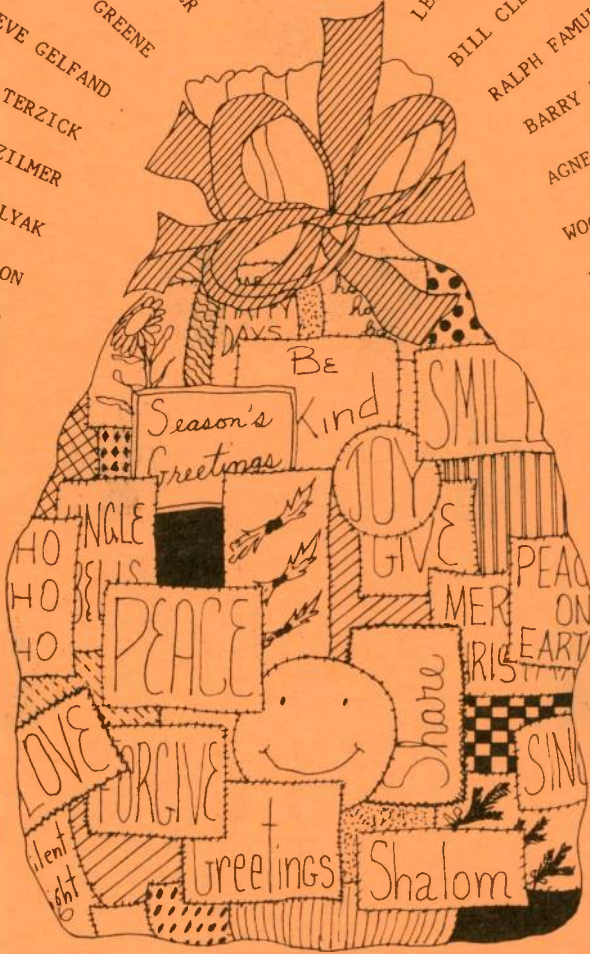
Vol. V No. XII

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

HAPPY HOLIDAYS

...and in lieu of sending cards have contributed a total of \$176 to the HANDICAPPED AID PROGRAM

JOHN TRAUTSCHOLD
 OLIVER ELLSMORTH
 RALPH SANSERINO
 ELINOR LEISTNER
 LELAND SWENSON
 BILL CLEVELAND
 RALPH FAMULARO
 BARRY HARDING
 AGNES HERBOLD
 WOODY SEYMOUR
 EVELYN LARSON
 JIM VECCHIOLA
 LARRY TALBOT
 LARRY NEBRON
 ROBERT YAJKO
 ROBERT LEAMY
 DON JOHNSON
 BRUCE BARON
 BILL TRUBEE
 DOUG SNYDER
 CARL LEASE
 BOB BODELL
 JACK JONES
 JOHN KOLB
 BILL SHAW



MIKE HARDESTER
 GRANDMA GREENE
 STEVE GELFAND
 FRANK TERZICK
 ROBERT ZILMER
 EVELYN DOLYAK
 ROBERT WILSON
 JOHN WALTERS
 LOU LEISTNER
 LEN DAVIDONIS
 BILL MILLER
 DON ROJEWSKI
 HENRY DURANT
 RUSS MAPPIN
 VERA CRABLE
 KEN COMPTON
 MARY SWEANY
 WES MULLEN
 ART GLOVER
 RON REDMAN
 JAY LEVIN
 KEN GROVE

HARLAN BYE
 JIM JOHNSTONE
 RONALD SPANGLER
 JOHN WINSLOW
 ART GETZEL



KEYNOTES



CONGRATULATIONS TO 7 NEW FULL MEMBERS



LORENZO BENJAMIN
LOMPOC, CA

WILLIAM MILLER
SACRAMENTO, CA

DAVID JAKUBIAK
TROY, MI

DONALD ROJEWSKI
TACOMA, WA

CHARLES HOFFMAN
MANHEIM, PA

PETER BOWEN
N.S., CANADA

JOHN WHITE
JACKSONVILLE, FL



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

---*---

SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

GEORGE DERRINGER
HUTCHINSON, MN

COLIN PERRY
MONTREAL, CANADA

BILL ONESKY
SANTA MONICA, CA

KENNETH KREIS
EIKHART LAKE, WI

RANDY BEAZELL
WAYNESBURG, PA

BARRY TAGUE
PONCA CITY, OK

RICHARD ORLOFF
LAKEWOOD, NJ

MAXWELL MEYERS
RIVERDALE, NY

JUAN MOREIRA
SAN RAFAEL, CA

LEON FLEMING
SWEETWATER, TX

DAVID GLOW
E PEPPERELL, MA

JOHN MORELAND
WICKENBERG, AZ

TOM CHRISTIAN
SUNNYVALE, CA

PAUL NEMECEK
WHITTIER, CA

LEON KELLN
AMARILLO, TX

STEPHEN PITTS
SALEM, OR

KEVIN CLARK
LEHI, UTAH

GARY GILDER
ST PAUL, MN

GARY HANSEN
GWINNER, ND

MIKE FEYMER
PHOENIX, AZ

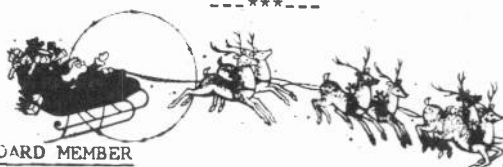
KEIHIRO OGASAWARO
HOKKAIDO, JAPAN

PAUL GUNN
AURORA, IL

JOSEPH MARKIEWICZ
STERLING HEIGHTS, MI

We suggest that after you have read the material in your new member packet, that you start supporting the various columns/sections immediately. SPEEDX editors will be glad to work with you. SPEEDX members are interested in knowing what they have missed on the bands by what you picked up and reported. The best of DX to all of you.

---*---



RESIGNATION OF BOARD MEMBER

Steve d'Adolf a member of the Board of Directors for the past two years has resigned from that position, as his Company has assigned him to the European area for the next two or three years.

On behalf of SPEEDX we wish to thank Steve for his dedicated service and for a job well done as a BOD member. Steve is a former SPEEDX E/A editor where he also did a good job. We wish Steve the best in his new assignment.

The election of a BOD Chairman is being delayed until after the appointment of a replacement to d'Adolf's position on the Board. The announcement will appear in the January issue.

UTILITY SECTION & DX MONTAGE

We apologize for the missing columns. Ken Compton, our Utility editor, is in the hospital undergoing heart surgery to replace a Pacemaker. Ken, we offer our prayers that you will soon be well. Send UTE material to HQS for the January issue.....DX Montage has not arrived as of the 3rd of December so we will go to the printers without it. Alan, where are you?

---*---

PEANUT POWER PREAKNESS

November 30 marked the end of the listening period of our contest. All that remains is to get those final reports off and set back and wait for the QSL to flow. Once again; if you have any questions at all about the contest, don't hesitate to write: SPEEDX CONTEST MANAGER, 304 Robinhood Road, Jackson MS 39206. We'll answer every last one of them.

Somebody said why not another prize. Sounds good. How about a certificate proclaiming 4th place contestant honorary discjockey at R. Tirana. We're working on it.---Merry Christmas and Happy New Year to everybody.---Jack.

---*---

SPECIAL GATHERING OF DXERS

All DXers are invited to meet and visit with Australia's best known DXer, Bob Padula, on December 30th at the home of Ann and Verlin Shinn, 23942 Long Valley Rd. Hidden Hills, CA 91302. Hidden Hills is a suburb of Los Angeles County. Ann and Verlin are graciously opening their home for the all day event. Give SPEEDXER Shinn a ring, let him know you will be there.

Phone--213-347-2638

---*---

POSTAL STRIKE ENDS IN CANADA

If you have ordered HAP-RGI tapes you should be receiving them at any time now. Club bulletin and other mail that has been held back will now be reaching our Canadian friends shortly. The striking workers have been off the job for 41 days. That is a long vacation, Hi.

---*---

LOGGINGS AND OTHER ITEMS FOR JANUARY ISSUE

To beat the Christmas mail rush, we are requesting our members to mail their loggings and other items to the respective editors a few days early. Thanks.

---*---

Mike Dorner 1900 E. Mark St, Gallup NM 87301, would like information on world FM stations, 67-108 MHz band. He'd appreciate your checking past MW/SW QSL cards for FM affiliate calls, MHz, slogan/title, power in ERP, & OTH. Do not send cards. Anyone having an official list please send on loan; it will be returned within a week

WORLDWIDE DX CLUB D-6380 Bad Homburg 1, Postfach 1263, Federal Republic of Germany, will send you a completely revised "List of Time Signal and Standard Frequency Stations" for 5 IRCs air mail. 31 pages compiled by OM Gerd Klawitter, covers 29 countries, in frequency and country order.

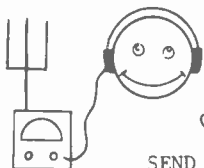
Henry Slade PSC Box 4421, APO New York 09633, is looking for portable reel to reel, DC/AC recorder for playing and recording 3" tapes. Can you help him.

FOR SALE, Realistic DX-150B in good condition, \$90.00. Contact Robert Vokes, 2406 Quarry Rd, Austin, TX 78703. A SASE will get you full information.

FOR SALE, Zenith Trans-0 w/BFO. One year old, excellent condition. \$225.00 Contact; J.R. Shrader, 78 Fruit Hill Dr. Chillicothe, OH 45601. for full particulars.

MERRY CHRISTMAS TO ALL-"OLLIE"

TECHNICAL TOPICS



Q-MULTIPLIER?
GAIN?

AVC?

IMAGE?

TUNER?

ANTENNA?

CROSS-MOD?

AGC?

LSB?

S-METER?



SEND YOUR TECHNICAL QUESTIONS TO:

JOHN KOLB
12532 ARABIAN WAY
POWAY, CAL. 92064



Kyle Richmond has written asking about directional antennas. A directional antenna is one which is more sensitive to stations in one direction than another. Examine figure 1.

This is a comparison of an omnidirectional pattern such as a vertical antenna would have, shown by the dotted line, to the figure eight pattern of a half wave dipole, shown by the solid line. These lines represent the locations of stations which would be received with equal signal strength, all other factors being the same except the receiving antenna (transmitting power, propagation, etc.). In this example, the vertical would receive equal signals from all stations 1000 miles away. The dipole would receive this same signal strength from a station 1400 miles away in the most favorable directions, but would receive almost no signals from other directions. Thus the dipole has achieved gain in one direction at the expense of other directions. Now most of you have had half wave dipoles at one time or another, and not noticed directions from which you received no stations at all. This pattern holds true only for a dipole in free space. A practical antenna will be affected by the nearness of earth, reflections from nearby hills and buildings, re-radiation from metal objects, etc. Whenever a conductor has a current induced in it by an R. F. field, it will, in turn, re-radiate part of that current as an RF signal again, acting like a transmitting antenna. The half wave dipole is, therefore, weakly directional at best. When we speak of directional antennas, we are referring to strongly directional antennas such as Yagi beams, cubical quads, rhombics, and so on. Figure 2 shows a radio wave passing two vertical antennas (triangles) spaced one half wavelength apart, and connected to the receiver through two equal length cables. Since the antennas are one half wavelength apart, and the wave is passing through their axis, the voltage induced in one antenna is always 180 degrees out of phase with the voltage in the other. When one is positive, the other one is negative by an equal amount. When these two voltages meet at the receiver, after traveling thru equal distances they are still exactly opposite, and cancel each other, leaving no signal for the receiver. If the signal was, instead, coming from right angles to that shown, the voltage induced in the antennas would be equal and in phase, and would add at the receiver to form a stronger signal than either alone. Thus the directional pattern for these two antennas will be the figure eight pattern shown with the dotted line. Signals arriving at angles between the two examples will cancel more or less, depending on their exact angle. Lets go back to the radio wave in figure 2, and imagine the two antennas are not connected by equal feedlines, but that one (either) is one half wavelength longer than the other. Now the voltage from the antenna with the longer feedline will be delayed one half cycle by the added line and the two voltages arriving at the receiver will be in phase, and add. The effect of this would be to rotate the pattern shown 90 degrees. All directional antenna systems work by this principle of cancellation of signals from the undesired direction, and addition of signals from the desired direction. The elements of the antenna system are not always connected by wire, as in this case, but may be connected by mutual inductance. Because of the close spacing of the two elements, current flow in one causes a current flow in the other. More on this topic next month.

Figure 1

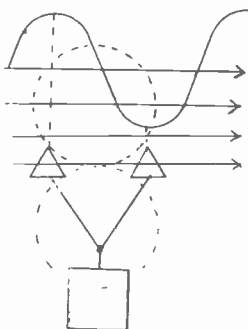


Figure 1

Figure 2

I have received a four page article on lightning protection from F. Bauer, a Systems Engineer for Ford Lightning Product Development Group, giving "another view." Required reading for anyone whose antenna may be hit by lightning (yeah, I'm talking to you). Copies available for a SASE.

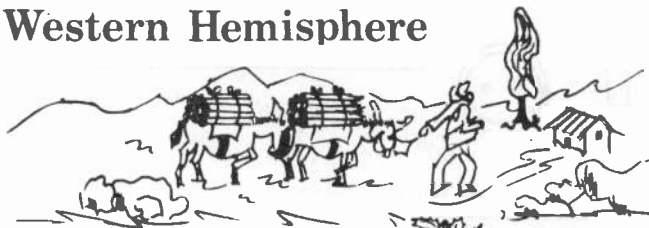
In answer to a number of questioners, I am not the John Kolb in the Datsun commercial, although I am very happy with my 510. (are you listening, Nissan?)

SWBC DX - Western Hemisphere



— EDITOR —

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



LATIN POTPOURRI



Several reporters were confused this past month by the sudden reactivation of ECOS DEL ATRATO on 5020 khz. This Colombian, which has not been heard for over a year, is located in Quibdó, the capital of the Departamento del Chocó. It is church sponsored and reportedly was shut down when a thief stole some key transmitter parts. This station should not be confused with TRANSMISORA CALDAS which previously occupied this channel but is no longer licensed to operate on shortwave.

The latest stop in the 60 meter band odyssey of radio CENTINELA DEL SUR is 4890 khz where it may be briefly heard after RADIODIFUSORA VENEZUELA vacates that channel at 0355v GMT. The program heard is Miscelánea Musical Juvenil and this, no doubt, is the origin of reports that a new Peruvian, Radio Musical de Junín, is active here.

Another Ecuadorian broadcaster, RADIO PASTAZA, is the subject of a spotlight article in the latest newsletter of HCJB's ANDEX International DX Club. It is interesting to note that this station, owned by the Provincial Union of Professional Chaffeurs of Pastaza, operates an African style split schedule, 1130 - 1700 and 2330 - 0300 on 3315 khz. Power is 1.5 kw and reception reports are welcomed.

SCDX Bulletin #1349 reports that the new Bolivian, CP163 RADIO ANIMAS, has been logged in Uruguay. The I D noted was "A 1,400 metros de altura sobre el nivel del mar, una emisora de alto nivel, CP163 RADIO ANIMAS, 4965 khz, band internacional de 60 metros, de Chocaya, Potosí, Bolivia." This station reportedly operates with regular programs from 1200 - 0115 GMT but its frequency is blocked by the 24 hour operation of RADIO SANTA FE.

Also from Bolivia come press reports that the government of Hugo Banzar has reinstated the license of RADIO PIO XIII. This Catholic broadcaster located in the mining district of Catavi was dismantled for its criticism of the Government and support of miners' demands during a strike last January. RADIO PIO XIII previously operated on 5955 khz and presumably will again use that channel on its return.

Credit ace Connecticut DXer, Al Sizer, with the reminder that the best time to try to log the Peruvian station, RADIO ANDAHUAYLAS, is Sunday night. That is when the Venezuelan station, RADIO VALERA, signs off at 0300 GMT clearing the way to log the Peruviana on 4839v khz before its 0400 GMT sign-off.

Thanks go to 55 reporters this month who sent far more loggings than I can hope to squeeze in the remaining space. So, before I have to throw them all out I'd best get to listing the best of them. Remember all times are GMT, dates are given in the month/day format, and the SIO code is used to record reception conditions noted. Hope Santa brings you all good DX!!!!!!

ARGENTINA

- 6060 0600 LRA31 R. Nacional:w/ pop mx, ID, 2 OM tlk (343 10/11 Sparks-CA) (Tannenwald-NY)(Redman-IL)(Yajko-PA)
- 6120 0925 LRX1 R. El Mundo:w/SS tlk, nx (433 10/20 Yajko-PA)
- 9690 2330 LRA32 R.A.E.:w/ cl. mx, EE tlk on Buenos Aires (344 10/24 Mucia-NY)(Miklejewski-MN)(Romani-MI)(Cleveland-CA)(Redman-IL) (Earhart-PA)
- 11710 2305 LRA35 R.A.E.:w/ political nx, EE tlk on drugs (434 10/14 Yajko-PA)(444 2208 10/12 Famularo-NJ)(434 2350 10/25 Dean-OH)

BOLIVIA

4797 1010 CP73 R. Nueva América:w/ ID "La Paz, Bolivia, R. Nueva América, emisora de Bolivia." Bolivian mx (333 10/16 Jones-MS)(222 0500 w/TENTATIVE ID, mx pgm 10/19 Scannell-MA)
 4845 0058 CP72 R. Fides:w/ OM TC, ID @ 0100, tlk (242 10/27 Bixby-CA)
 4875 1112 CP75 La Cruz del Sur:w/ lt. & pop mx (343 10/30 Jones-MS)
 5007 0000 CP48 R. Universo:w/ slow "R. Universo de la Republica de Bolivia" ID @ 0007, inst. Andean mx (322 10/31 Bixby-CA)
 5045 0243 CP38 R. Altiplano:w/ SS tlk, EE pop mx, ID (242 10/24 Bixby-CA)

BRAZIL

3325 0110 ZYJ21 R. Borborema:w/ loud rapid PP tlk, OM IDs // 5025 khz (333 10/30 Bodell-OR)
 3400 1017 ZY??? R. Xapurí:w/ ID & fqy into mx & singing, bad UTE QRM on low side, is drifting slightly (222 10/16 Jones-MS)
 4755 0855 ZYF23 R. Dif. do Maranhão:w/ Brazilian mx, IDs as "R. Dif São Luis" (422 10/30 Redman-IL)
 4806 2134 ZYS8 R. Dif. do Amazonas:w/ OM PP tlk, LA mx, TCs (222 11/3 Famularo-NJ)(333 0202 10/30 Bodell-OR)
 4925 0847 ZYR61 R. Dif. Taubaté:w/ TENTATIVE logging of Brazilian ballads YL ads and possible ID @ 0900 (132 11/9 Laves-TX)
 4985 0355 ZYX2 R. Brazil Central:w/ mx, OM PP ID w/ fqys (444 10/7 Smith-AL)(Miklejewski-MN)(Redman-IL)(Bixby-CA)(Crews-FL)(Cleveland-CA)(Tannenwald-NY)
 6015 0015 ZYB85 R. Clube de Pernambuco:w/ rapid tlk (322 10/30 Zilmer-WI)
 6085 0000 ZYB87 R. Jornal do Comércio:w/ network pgm (322 10/30 Zilmer-WI)
 6095 0325 ZYB7 R. Tupi, São Paulo:w/ ID, tlk, pop mx (333 10/26 Zilmer-WI)
 6135 0030 PRC21 R. Gauchá:w/ Brazilian contemps (333 10/12 Bixby-CA)
 9593 0003 ZYN23 R. Cultura da Bahia:w/ Brazilian ballads, het from RFE (343 10/12 Earhart-PA)(422 0145 10/26 Zilmer-WI)
 9605 0049 PRL8 R. Nacional Brasília:w/ PP repts of soccer matches (443 11/6 Rodriguez-PR)
 9635 0115 ZYE236 R. Aparecida:w/ID, fqys, few anmts interrupt MOR mx (454 11/5 Whitehead-MA)(Hauser-OK)(Zilmer-WI)
 9685 0458 ZYR277 R. Gazeta:w/ ID after rel. pgm (--2 10/26 Hauser-OK)
 9695 1428 ZYB61 R. Rio Mar:w/ pop Brazilian mx, ID (333 10/13 Rodriguez-PR)
 11765 2245 ZYB8 R. Tupi, São Paulo:w/PP tlk, ID (432 10/31 Zilmer-WI)
 11785 2250 ZYU61 R. Guaíba:w/ OM nxcst (332 11/7 Earhart-PA) (Baron-PA)
 11805 0155 ZY265 R. Globo:w/ Brazilian mx, ID, ads, nx (343 10/21 Miklejewski-MN)(434 0249 10/30 Yajko-PA)(352 2335 10/16 Earhart-PA)
 11815 0250 ZYW24 R. Brasil Central:w/ PP tlk, ads (333 10/30 Yajko-PA)
 11865 0253 ZYB85 R. Clube de Pernambuco:w/ pop mx (333 10/30 Yajko-PA)
 11875 0005 ZYC40 R. Sociedade da Bahia:w/ soccer (333 10/19 Rodriguez-FR)
 11915 0255 PRC23 R. Gauchá: w/ PP nxcst, ads (323 10/30 Yajko-PA)(422 0030 w/ spts event coverage // 11965 10/23 Zilmer-WI)
 11925 0300 ZYR78 R. Bandeirantes:w/ Brazilian mx, ID @ 0328 (433 10/30 Jernakoff-NY)(434 0259 10/30 Yajko-PA)(352 10/18 Earhart-PA)
 11935 0300 ZYS35 R. Clube Paranaense:w/ PP nxcst (322 10/30 Yajko-PA) (322 0015 w/ tlk 11/7 Zilmer-WI)
 11950 2145 ZYD3 R. Ministério da Educação:w/ cl mx, PP ID (332 10/31 Zimarowski-MA)(332 2300 w/ tlk, mx, ads 10/31 Zilmer-WI)
 11965 0010 PRB24 R. Record:w/ spts event coverage (322 10/23 Zilmer-WI) (333 0303 w/ tlk, off abruptly at 0304 10/30 Yajko-PA)
 15245 2135 PRL8 R. Nacional Brasília:w/ science pgm, nx, many IDs, & anmt that as of 11/1 they will broadcast both on 11780 and 15245 (433 10/27 Van Fossen-OH)(Will move to 11780 khz 11/1 per Hauser-OK)(Leistner-CA)(Redman-IL)(Scannell-MA)(Miller-OH)(Yajko-PA) EE is 2100 -2200 GMT, GG is 2000 - 2100 GMT
 15445 2210 PRL8 R. Nacional Brasília:w/ Brazilian mx, OM PP tlks, IDs (443 11/9 Redman-IL)

CANADA

5960 0305 CBC NS:w/ mx, nx, wx, spts nx (443 10/13 Miller-CA)
 5970 0920 RCI: w/ CANADA TODAY pgm (554 11/9 Talbot-WI)(444 1145 Yajko-PA)
 6005 1915 CFCX, Montreal:w/ rock mx, DJ ID (232 11/1 Dean-OH)(333 1200 11/1 Talbot-WI)(343 1534 10/19 Famularo-NJ)
 6070 2240 CFRX, Toronto:w/ nx, pop mx DJ show (333 10/6 DeVries-MA)(Dean-OH)(Talbot-WI)(Snyder-CA)(Redman-IL)(Harrington-CO)(333 0717 w/ rock mx, IDs as CFRB, many ads 11/10 Quinn-NY)
 6085 0355 DW via Sackville:w/ GG DX pgm (422 11/8 Benjamin-CA)(Baron-PA)
 6085 0108 RCI: w/ EE mx, tlks, ID (444 10/21 Famularo-NJ)

CANADA (cont.)

- 6135 *0500 RCI:w/ nx, CANADA THIS WEEK, LEGATE'S LEGACY pgms (454 10/27 Fischer-CT)(333 0410 11/8 Benjamin-CA)
 6160 1441 CKZU,Vancouver:w/ tlk on economics (211 11/5 Cleveland-CA)
 9580 1655 BBC via Sackvillew/ Presumed via Sackville due xmtr operating characteristics tho not listed, regular WORLD TODAY pgm abruptly joined 1655 after carrier (--2 10/27 Hauser-OK)
 9625 1530* CBC NS:w/ mx & nx to 1530 close // 11720 (444 10/11 Talbot-WI)
 9640 2130 RCI:w/ tlk on overcrowding in wilderness areas (454 11/8 Vogel-PA)
 9655 1147 RCI:w/ final bcst of RCSWC (544 11/1 Miklejewski-MN)
 11720 1531 CBC NS:w/ mx pgm w/ Leon Bibb, Benny Goodman, Nichols & May exerpts (343 10/12 Naylor-CA)

CHILE

- 6135 1028 CE613 R, Universidad de Concepción:w/ ID, PANORAMA INFORMATIVA pgm (433 11/3 Jones-MS)
 6190 0955 CE619 R, Nacional:w/ pop mx pgm, ID (212 10/19 Vilar6-PR)
 9565 0115 CE956 R, Nacional:w/ promotional tlks on Chile in EE and other languages in THE VOICE OF CHILE pgm (333 11/10 Ellsworth-CA)
 9572 1040 CE957 Emisora Diego Portales:w/ mx, ads, TCs, IDs as "Emisora Diego Portales". QRM heavy (312 10/13 Miklejewski-MN)
 9590 0052 CE959 R, Presidente Balmaceda:w/ LA mx pgm, ads into nx @ 0100 (333 11/6 Rodriguez-PR)(Vilar6-PR)(Miklejewski-MN)
 9650 1115 CE965 R, Dimensión 146:w/ ID, ads, MOR mx, "La Vanguardia" slogan. (343 11/13 Mahoney-IN) Possible new name for listed Radio Yungay or, perhaps, a program name.
 11810 1053 CE1181 R, Nacional:w/ tlk by YL on reforestation, ID, tlk on refugee situation (322 10/12 Miklejewski-MN)
 15150 2300 CE1515 R, Nacional:w/ EE tlks on Chile in THE VOICE OF CHILE pgm (342 11/6 Romani-MI)(Vilar6-PR)(Miklejewski-MN)(Mucia-NY)(Yajko-PA)(Earhart-PA)(Dean-OH)

COLOMBIA

- 2380 0428 HJCV R, Cordillera:w/ TENTATIVE logging of tropical mx. If so is 2x 1190 harmonic (252 10/18 Hauser-OK)
 2440 0235 HJAV R, Cordobesa:w/ Colombian mx, ads, IDs. Is 2x 1220 har (252 10/17 Bixby-CA)(242 0300 10/19 Zilmer-WI)(322 0345 10/20 Zimarowski-MA)(343 0325 10/18 Wirrell-MA)(444 0500 10/18 Hauser-OK)
 4755 0057 HJKC Emisora Nuevo Mundo:w/TCs "en Bogotá", nx (322 10/18 Vecchiola-PA)(Smith-AL)(Fischer-CT)(Crews-FL)(Cleveland-CA)(Redman-IL) Per BBC MS this is key station in CARACOL net which includes R. Veinte & R. Visión in Medellín, R. Neiva in Neiva, LV de Cinaruco in Arauca, "LV de la Selva" in Florencia, and LV de Rio Cauca in Popayan.
 4786v 0516 HJLW Ecos del Combeima:w/ repeated IDs, LA mx (332 11/6 Cleve- land-CA)(433 0540 10/24 Redman-IL)(322 0900 10/15 Tannenwald)
 4865 0508 HJLZ LV de Cinaruco:w/ OM nxcst // 4755 (343 11/9 Vecchiola-PA)
 4885 0415 HJIG Ondas del Meta:w/ Colombian and ranchera mx, TODELAR net IDs (433 10/29 Redman-IL)343 0430 10/26 Fischer-CT)
 4915 0409 HJSG R, Guatapuri:w/ LA inst mx, ID (332 10/19 Vecchiola-PA)
 4945 0403 HJDH R, Colosal:w/ID, pop mx, SS tlk (343 11/8 Baron-PA)(Redman- IL)(Cleveland-CA)(Fischer-CT)(Vilar6-PR)(DeVries-MA)(Yajko-PA)(Harrington-CO)
 4955 1138 HJCO R, Nacional:w/ EE lessons (444 11/6 White-FL)(Famularo-NJ) (Fischer-CT)(Bixby-CT)(Cleveland-CA)(Redman-IL)(Yajko-PA)(Tannenwald-NY)(Brick-MA)(Miklejewski-MN)(Vecchiola-PA)
 4965 0830 HJAE R, Santa Fé:w/ SS pop mx, IDs (333 11/11 Leistner-CA) Jones-MS)(Redman-IL)(Harrington-CO)(Mercado-CA)(Smith-AL)(Yajko-PA)(Wirrell-MA)
 5020 0230 HJCP Ecos del Atrato:w/live pgm of MOR Colombian mx, Lotería del Chocó ads, IDs (353 11/3 Whitehead-MA)(Vecchiola-PA)(Jones-MS)(Miller-OH)(Bixby-CA)
 5035 0258 HJIC LV de Caquetá:w/ RCN network pgm, speech by President of Colombia (343 11/8 Jones-MS)
 5075 0940 HJGC R, Sutatenza:w/pop mx pgm, OM ID (544 10/25 DeVries-MA) (Redman-IL)(Famularo-NJ)(Cleveland-CA)(Bixby-CA)(Fischer-CT)(Yajko-PA)
 5095 0100 HJGG R, Sutatenza:w/ TCs "Alka Seltzer informa la hora...", world nx (323 10/24 Miklejewski-MN)
 5979 2310 HJZJ R, Nacional:w/ ID, duet // 15336, netting against RSA 5980 and later against R. Mexico same fqy (Hauser-OK)

COLOMBIA (cont.)

- 5990 0632 HJ?? LV de los Centauros:w/ IDs, LA mx, TCs (333 11/4 Zimarowski-MA)(Vilaro-PR)(Quinn-NY)(Sparks-CA)
 6030 0055 HJZJ R. Nacional:w/ OM tlc, music (555 10/7 Smith-AL)(Yajko-PA)
 6065 0720 HJAX R. Super:w/ LA love songs, IDs as "R. Super de Bogotá", TCs (444 11/10 Quinn-NY)(Cleveland-CA)(Redman-IL)(Vilaro-PR)(Thompson-NM)(Yajko-PA)
 6115 0215 HJIE LV del Llano:w/ Cha cha mx, beer ads, TCs as "hora internacional" (433 11/4 Redman-IL)
 6120 0650 HJ?? R. Super de Cali:w/ LA pop mx, IDs. Not // 6065 (343 11/10 Quinn-NY) Possibly new stn or LV de Cali with new network affiliation and name change.
 6150 0138 HJ?? LV del Huila:w/ ID "Somos TODELAR, somos profesionales, somos LV del Huila" LA mx pgm (322 11/3 Miklejewski-MN)(Redman-IL)(Cleveland-CA)(Fischer-CT)
 6160 1130 HJKJ Emisora Nueva Granada:w/nx (433 10/28 Zilmer-WI)(444, 0705 w/ Col. mx anmt "La radio de Colombia" 11/1 Redman-IL)
 6170 1130 HJBJ LV de la Selva:w/ nx, ads, Birthday greetings, many IDs (344 11/10 Sparks-CA)(Zimarowski-MA)(Miller-OH)
 6180 0128 HJOO R. Nacional:w/ mx pgm, IDs (322 11/6 Zimarowski-MA)
 15336 1545 HJZP R. Nacional:w/ cl. mx, ID @ 1600 (333 11/9 Romani-MI)

COSTA RICA

- 4832 0525 TIHB R. Capital:w/ soccer match, OM ID (222 11/9 Crews-FL)(Cleveland-CA)(Redman-IL)(Scannell-MA)(Vilaro-PR)
 6006 0240 TIHB R. Reloj:w/ LA vocals, tlc, TC (243 10/28 Famularo-NJ)(Jernakoff-NY)(Redman-IL)
 6150 0530 TIRS R. Atenea:w/ pretty LA mx, ID (433 11/2 Miller-OH)
 9645 1233 TIFC Faro del Caribe:w/ marimba mx, TCs, ID @ 1234, then "Comentando" @ 1243 (232 10/15 Miklejewski-MN)
 12012 0023 TIHB R. Reloj:w/ 2x 6006 harmonic here noted with ID, 30 sec. slow TC, mx, strong at 1st but faded (--2, 10/16 Hauser-OK)

CUBA

- 6060 2315 RHC:w/ SS mx pgm, many IDs (333 11/9 Talbot-WI)
 9525 0650 RHC:w/ EE VOICE OF VIETNAM pgm (554 10/14 Miller-CA)
 9550 0527 RHC:w/ OM SS tlc, ID (333 11/2 Dean-OH)(444 0154 10/14 Famularo-11760 2207 RHC:w/ SS Svc. mixing with UN Radio via Greenville (322 10/7 NJ) Bixby-CA)(Benjamin-CA)(Naylor-CA)(Mucia-NY)
 11835 0430 RHC:w/ Contemporary SS mx (443 10/15 Snyder-CA)(Talbot-WI)
 11870 2120 RHC:w/ EE Svc ex-11760 airing VOICE OF VIETNAM pgm, nxcst (444 10/21 Mercado-CA)(Brooks-CT)(Brooker-MI)(Romani-MI) Famularo-NJ)(Quinn-NY)(Miklejewski-MN)
 15230 1840 RHC:w/ IS, PF ID, OM & YL tlc, into SS pgm of "música de Venezuela" (333 10/15 DeVries-MA)
 17750 2107 RHC:w/ end nx, editorial, contest anmt. (332 10/24 Miklejewski-MN)(343 1946 w/ LA mx pgm, ID 11/9 Dean-OH)

DOMINICAN REPUBLIC

- 4750 0815 HIFE R. HIFE:w/ LA mx, ads, TCs (232 11/1 Famularo-NJ)
 4807 0410 HIAQ R. Norte:w/ world nx summary, IDs (242 10/25 Fischer-CT) (322 0537 w/ tlc, LA mx, off 0547 w/ NA 10/25 Zimarowski-MA)
 4850 0805 HIRL R. Clarín:w/ Dominican mx, IDs (444 11/9 Redman-IL)
 4882 0419 HIJP R. Comercial:w/ LA mx, TCs (443 10/29 Cleveland-CA)(Bixby-CA)(Yajko-PA)(Smith-AL)
 4930 0900 HIBE R. Milw:w/ LA mx, tlcs, ID (333 10/22 Tannenwald-NY)(Cleveland-CA)(Redman-IL)(Fischer-CT)(Famularo-NJ)(Yajko-PA)
 9505 0054 HISD R. Televisión Dominicana:w/ LA mx pgm, ID (444 10/19 Yajko-PA)(323 2230 10/25 DeVries-MA)(342 2040 11/4 Miklejewski-MN)(444 2100 w/ NOTICIERO DOMINICANA nx 11/9 Redman-IL)

ECUADOR

- 3280 0317* HCYN7 LV del Napo:w/ lt. mx, ID, "muy buenos noches!!" then mx to carrier off @ 0320 (222 11/9 Jones-MS)
 3380 0137 HCRY4 R. Iris:w/ SS tlc, OM IDs (232 10/30 Bodell-OR)(333 0410 w/ spts event coverage, rapid IDs 10/19 Zimarowski-MA)
 3390 1040 HCOT1 R. Zaracay:w/ 5 min. non stop ads, mx, TC/ID @ 1055, ads (333 10/16 Miklejewski-MN)(Cleveland-CA)(Famularo-NJ)
 4679v 0417 HCWE1 R. Nacional Espejo:w/ OM tlc, mx (243 11/5 Brooker-MI)(Redman-IL)(Famularo-NJ)(Thompson-NM)(Harrington-CO)(Fischer-CT)(Cleveland-CA)(Uerlings-OR)(Yajko-PA)(Dean-OH)(Crews-FL)(Bixby-CA)

ECUADOR (cont.)

- 4772 *1112 HCDW2 R. Genit:w/ ID, fqys, NA, tlk, mx (333 10/25 Jones-MS)
(432 0410 w/ non stop Ecuadorian mx 11/4 Redman-IL)
- 4795 0550 HCAS4 LV de los Caras:w/ Ecuadorian mx, ID (353 10/12 Sparks-CA)
- 4800 0430 HCMB5 R. Popular Independiente:w/ Andean mx, ID, back on 4800
after short spell on 4807v (343 10/12 Sparks-CA)(Redman-IL)
- 4819 0924 HCR76 R. Paz y Bien:w/mx, OM ID, NA (253 10/11 Laves-TX) s/on ?
- 4826 0600 HCAV3 R. Luz y Vida:w/ Andean mx, YL anmts, full ID @ 0600 (454
10/12 Sparks-CA)(Whitehead-MA)
- 4890 0400 HCER5 R. Centinela del Sur:w/ MISCELÁNEA MUSICAL JUVENIL pop
mx pgm, ID w/ fqys, location etc (343 11/7 Whitehead-MA)
- 4911 0341 HCJM1 Emisora Gran Colombia:w/ shouted ID, crowd noises (332
11/7 Vecchiola-PA)(332 0421 w/LA mx 11/5 Cleveland-CA)
- 4923 0341 HCRQ1 R. Quito:w/ nx, IDs as "LV de la Capital" (343 11/9 Rod-
riguez-PR)(Fischer-CT)(Bixby-CA)(Redman-IL)
- 4940 1117 HXCZ1 R. Nacional del Ecuador:w/ Andean mx, YL ID and anmts, nx
(343 10/30 Miklejewski-MN)(Famularo-NJ)(Vecchiola-PA)(Red-
man-IL)(353 0345 w/ final ID and off 0400 10/11 Sparks-CA)
- 5026 0500 HC0B5 R. Splendit:w/ OM tlk like "Thought for the Day", into
sign off anmt. (343 11/9 Vecchiola-PA)
- 5060 1114 HCEH3 R. Nacional Progreso:w/ "R. Nacional Progreso presenta..
...la música del Ecuador" (343 11/3 Jones-MS)(Bixby-CA)
- 5970 0345 HCJB LV de los Andes:w/ HOBBY OF KINGS pgm (554 10/26 Miller-CA)
- 6065 1135 HCJB:w/ EE HELLO DXERS pgm during JJ svc (433 10/31 Zilmer-WI)
(343 1125 w/ rel. mx, YL ID, into JJ @ 1130 10/12 Earhart-PA)
- 6095 0625 HCJB:w/ MUSICAL MAILBAG pgm (544 11/10 Quinn-NY) Is new
frequency!! (Thompson-NM)(Earhart-PA)(Romani-MI)
- 6130 0955 HCJB:w/ DX PARTY LINE to South Pacific (433 10/6 DeVries-MA)
- 9560 0255 HCJB:w/ DX PARTY LINE into nx @ 0300 (--4 10/18 Woltman-WI)
(554 0615 10/22 Miller-OH)
- 9715 1205 HCJB:w/ EE tlk, sounded like Clayton Howard, no ID before off
suddenly 1209. (353 10/12 Earhart-PA) Ken, HCJB's latest
sked lists JJ svc here till 1210. Perhaps HELLO DXers pgm?
- 11740 1458 HCJB:w/ MORNING IN THE MOUNTAINS, ID nx (454 10/7 Smith-FL)
(444 1530 11/9 Romani-MI)(353 1355 11/8 Earhart-PA) Tho
11745 listed this frequency actually used.
- 11885 1730 HCJB:w/ rel. pgm, full ID (444 10/19 Scannell-MA)
- 11915 0257 HCJB:w/ PASSPORT pgm w/ mx, nx, tlk (333 10/20 Jolley-WY)(543
0240 10/23 Van Fossen-OH)(322 0230 10/6 Smith-FL)
- 11965 0045 HCJB:w/ GG rel pgm, ID. Low het w/ Brazil (--7 10/16 Hauser-OK)
- 15115 1210 HCJB:w/ CHILDREN'S BIBLE HOUR (544 11/1 Kubinsky-PA)(Fischer-CT)
- 15160 1532 HCJB:w/ EE rel. pgm // 15115 (242 10/27 Earhart-CA)(444 1700
w/ SS IGLESIA DEL AIRE pgm 10/26 Fischer-CT)
- 15300 1936 HCJB:w/ tlk on SSR-1 in DX pgm (444 10/20 DeVries-MA)(333 2021
w/ THE LIVING WORD pgm, fqy drifting 10/12 Famularo-NJ)
- 17730 1735 HCJB:w/ SHALOM pgm // 15310 (444 10/8 DeVries-MA)

FRENCH GUYANA

- 3385 0038 O.R.T.F. Cayenne:w/ discussion between 2 OM, FF pop mx @ 0041
(433 11/8 Miller-OH)(242 *0914 w/ Marseillaise, ID, pop mx
10/29 Zimarowski-MA)(352 0922 w/ mx, nx 10/18 Earhart-PA)

GALAPAGOS ISLANDS

- 4810 0135 HCVG8 LV de los Galápagos:w/ church svc til 0200, then cl. mx
(232 11/3 Miller-OH)(353 0210 w/ OM reading list of
"Articulos", SS guitar mx, IDs, TCs 10/17 Bixby-CA)

GUYANA

- 3290 0835 GBS Action Radio:w/ East Indian mx, severe CW QRM (321 10/30
Redman-IL)(322 0957 10/14 Jones-MS)(353 10/12 0940 Earhart-PA)
- 5950 *0740 GBS Action Radio:w/ sign-on, IS, mx (212 10/17 Vilar6-PR)

GUATEMALA

- 1700 0427 TGX R. Ciroz: 2x 850 PRESUMED with weak mx between utes, plug-
ging "festival de a las 22 horas (--7 10/18 Hauser-OK)
- 2390 0235 TGDF LV de Atitlán:w/ OM "Esta es R. Atitlán" ID, easy listening
mx (252 10/20 Hambright-NJ)(353 1140 w/ marimba mx 10/26
Sparks-CA)(232 0200 w/ID, SS vocals 10/29 Thompson-NM)
- 3300 0409 TGNC R. Cultural:w/ lt mx pgm(233 10/17 Naylor-CA)(Thompson-NM)
(Leistner-CA)(Wirrell-MA)(Redman-IL)(Dean-OH)(Sparks-CA)

GUATEMALA (cont.)

- 3325 1109 TGBA R. Maya de Barillas:w/ rel. mx, ID/TC as "R. Maya" (333 10/22 Miklejewski-MN)
 3360 0335 TGVN LV de Nahualá:w/ marimba mx, TCs, ID (333 10/18 Bixby-CA) (Dean-OH)(Cleveland-CA)(Miklejewski-MN)
 3380 1105 TGCH R. Chortis:w/ AMANECER EN EL CAMPO wake-up pgm, ranchera mx (422 10/25 Miklejewski-MN)(Jones-MS)(Zimarowski-MA) (Thompson-NM)(Snyder-CA)
 4825 0200 TGMN R. Mam:w/ marimba mx, final ID and flute IS at 0223 off (333 11/10 Sparks-CA)(433 0045 10/17 Redman-IL)
 4835 0000 TGTZ R. Tesulutlán:w/ marimba mx, ID (322 10/24 Laves-TX) (Jones-MS)(Crews-FL)(Miller-OH)(Vecchiola-PA)
 5955 0400 TGNA R. Cultural:w/ THRU THE BIBLE pgm (212 10/31 Jernakoff-NY) (322 0400 11/1 Zilmer-WI)
 6180 1117 TGWB R. Nacional:w/ singing ID, marimba mx (333 10/31 Jones-MS)

HAITI

- 3345 0032 4VSO R. 4VEH:w/ FF & EE mx, then religious music (222 11/6 Miller-OH)(352 1015 w/ hymns, 1030 bells/ID 10/12 Earhart-PA)
 6155 0119 4VWA R. Citadelle:w/ YL FF tlk, KGEI QRM (211 11/9 Rodriguez-PR) (423 1044 w/ pop mx, YL ancr 10/20 Jones-MS)
 9770 2350 4VEH R. 4VEH:w/ "20 QUESTIONS FROM THE BIBLE" (444 11/9 Romani-MI)(322 1140 w/ religious tlks, mx 10/24 Van Fossen-OH)
 11835 1220 4VEJ R. 4VEH:w/ interviews w/ church workers (343 10/24 Talbot-WI)(Scannell-MA)(Miklejewski-MN)(Van Fossen-OH)(Yajko-PA)

HONDURAS

- 4780 1128 HRRZ R. Juticalpa:w/ ranchera mx pgm, ads, ID (322 10/31 Miklejewski-MN)(433 0032 10/29 Yajko-PA)(343 1204 10/25 Jones-MS)
 4820 0400 HRVC LV Evangélica:w/ EE rel. tlks, country mx, SS nx @ 0400 (434 10/29 Kummer-KY)(Leistner-CA)(Smith-FL)(Uerlings-OR) (Yajko-PA)(Harrington-CO)(Earhart-PA)(Scannell-MA)(Vilaró-PR)(Thompson-NM)(Redman-IL)(Cleveland-CA)(Dean-OH)(Crews-CA) (Fischer-CT)(Bixby-CA)
 4920 0108 HRPL3 R. Progreso:w/ ad string, ID, nx (343 11/5 Miklejewski-MN) (Cleveland-CA)(White-FL)(Bixby-CA)(Redman-IL)
 5875 0244 HRN LV de Honduras:w/ ID, TC, ads, tlk (232 11/11 Jones-MS)(344 1201 w/ ads for cigarillos Baronet, nx 10/30 Miklejewski-MN)
 6075 1209 HRMH5 LV del Junco:w/ rel. tlk, ID w/ QTH @ 1213, crazy jingle by YL (333 11/8 Laves-TX)
 6125 0126 HRQ R. Suyapa:w/ LA "salsa" mx from Puerto Rico (333 11/9 Rodriguez-PR)(Zimarowski-MA)(Miklejewski-MN)
 6185 0616 HR?? R. Swan:w/ SS ID, lt. mx, tlks (444 9/21 Smith-AL)(Hauser-OK)(Jernakoff-NY)(Jones-MS)(Cralbe-ID)(Redman-IL)

MARTINIQUE

- 3315 0240 Fort de France Radio:w/ pop mx, nx, s/off w/NA @ 0258 (322 10/18 Zimarowski-MA)(322 0255 11/2 Wirrell-MA)

MEXICO

- 2280 1304 XEMR La Nueva'MR':w/ CST TC, Orange Crush ad, temperature. Is 2x 1140 harmonic (--3 10/30 Hauser-OK)
 2620 0302 XEC, Tijuana: 2x 1310 harmonic, mx, ID/TC (252 10/17 Bixby-CA)
 5980 1516 XERMX R. México:w/ SS tlk, mx // 9705 (151 10/14 Hauser-OK)(322 0025 w/ Pan Am Games standings, ID, mx 10/24 Miklejewski-MN)
 6105 0208 XEQM, Su Pantera:w/ rock mx, several IDs (242 11/5 Snyder-CA)
 6115 2100 XEUDS R. Universidad de Sonora:w/ pop Mexican mx, ID (353 10/12 Sparks-CA)(443 2240 w/ opera mx 10/20 Cleveland-CA)
 9555 1622 XEQK La Hora Exacta:w/ TC each min., ads between with trumpet fanfare for ad (152 10/11 Laves-TX)
 9610 1721 XEYU R. Universidad de México:w/ lt. mx, ID (242 10/30 Laves-TX)
 9705 2300 XERMX R. México:w/ Mexican mx pgm, EE IDs, request for rpts (454 11/8 Ellsworth-CA)(Miklejewski-MN)(Cleveland-CA)(Redman-IL)
 15385 2200 XERMX R. México:w/ Mexican mx, EE/SS ID (444 10/20 Wirrell-MA) (White-FL)(Rodriguez-PR)(Redman-IL)(Romani-MI)(Miller-CA) (Vilaró-PR)(Smith-AL)

PERU

- 4790 0425 OAX8F R. Atlántida:w/ non-stop Andean mx (232 10/25 Fischer-CT)
 4815 0435 OAX8V R. Samarón:w/ LA mx, IDs, sign off @ 0445 w/ anthem (333 11/7 Zimarowski-MA)

PERU (cont.)

- 4840 0314 OBX5E R. Andahuaylas:w/ LA contemps, ID (353 10/7 Bixby-CA)
 4860 0443 OBZ4Z R. Chinchaycocha:w/ LA vocals, ID (142 11/4 Laves-TX)
 4975 0335 OCX4C R. del Pacifico:w/lt. mx, OM ancr. (222 10/25 Bixby-CA)
 4995 0435 OAZ4C R. Andina:w/ Andean mx (332 11/5 Cleveland-CA)(Scannell-MA)(Bodell-OR)(Bixby-CA)(Jones-MS)
 5005 0358 OAX8V R. Eco:w/ inst. mx, OM ancr (141 10/26 Bixby-CA)(Famularo-NJ)(Vecchiola-PA)(Rodriguez-PR)
 5025 1048 OAX7Q R. Quillabamba:w/ SS tlk, Andean mx (343 11/4 White-FL)(Jones-MS)(Cleveland-CA)(Miklejewski-MN)
 5040 1040 OCY4Y R. Libertad de Junin:w/ full ID, TC, Peruvian mx (333 11/10 Jones-MS)(Bixby-CA)(Cleveland-CA)
 5980 0601 OBX4M R. Panamericana:w/ ID into "nuestra música peruana", mx (242 11/5 Bixby-CA)(Cleveland-CA)(Jones-MS)
 6020 1101 OAX4Q R. Nueva Victoria:w/march mx, ID, into possible nx (343 10/31 Jones-MS)(111 1010 10/27 Vilar6-PR)
 6045 *1055 OCY4H R. Santa Rosa:w/ID into Peruvian mx (222 10/11 Jones-MS)
 9505 1200 OAX4V R. América:w/ NUESTRO MENSAJE MUSICAL pgm, ID "en los estudios de R. ..." (222 11/6 Miklejewski-MN)(Harrington-CO)
 9533 0454 OAX6Q R. Nacional, Tacna:w/ LA rock mx, ID (233 11/2 Dean-OH)
 9675 1130 OAZ4L R. del Pacifico:w/ LA mx, ID (333 10/23 Zilmer-WI)(342 1140 w/ "música de Peru", rel. mx pgm 10/28 Miklejewski-MN)

TURKS & CAICOS

- 4788 2332* VS18 Turks Island Radio:w/ soul mx, ID, off (333 10/13 White-FL)

URUGUAY

- 11835 0130 CXA19 R. El Espectador:w/ ID, TCs, ads (342 10/30 Zimarowski-MA)

VENEZUELA

- 3215 0246* YVZV Ondas Panamericanas:w/ID, NA(232 11/7 Dean-OH)(Jones-MS)
 3245 0122 YVKT R. Libertador:w/ mx, IDs, ads (433 11/2 Famularo-NJ)(Yajko-PA)(Dean-OH)(Earhart-PA)
 3255 2300 YVQL LV de El Tigre:w/ local nx, mx, ID (312 10/11 Vilar6-PR)
 3275 0250 YVMC R. Mara:w/ inst. mx, ID (343 10/18 Thompson-NM)(Bixby-CA)
 3295 2315 YVOG R. Trujillo "Musicalfísima":w/ local mx, ID (211 10/11 Vilar6-PR)(222 0250 w/ s/off @ 0301 11/7 Dean-OH)
 3325 0955 YVRA R. Monagas:w/ Venezuelan mx, ID (342 10/12 Earhart-PA)
 3355 *1002 YVLC R. Impacto Valencia:w/ NA, chorus, ID (423 10/20 Jones-MS)
 3365 0328 YVQP R. Puerto La Cruz:w/traditional LA mx (242 10/18 Bixby-CA)
 3385v*0958 YVQI R. Barcelona:w/sign on, nx, frequency given as 3380 khz (111 11/5 Vilar6-PR)(322 0958 10/20 Jones-MS)
 3395 0031 YVOJ R. Universidad:w/ march mx, nx, ID (343 11/8 Miller-OH)
 4770 0100 YVNW R. Bolívar:w/LA mx, ID (322 10/18 Tannenwald-NY)(Redman-IL)(Cleveland-CA)(433 0215 w/ wild LA mx 10/28 Famularo-NJ)
 4780 2349 YVLA LV de Carabobo:w/ spts event, ads (322 11/4 Famularo-NJ)(433 0140 w/ LA vocals, singing IDs, ads 11/2 Redman-IL)
 4800 0243 YVMO R. Lara:w/ SS comic (232 10/31 Bixby-CA)(Famularo-NJ)
 4810 0051 YVMG R. Popular:w/ nx items, singing beer ads, many TCs (433 11/7 Vecchiola-PA)(131 0325 w/ mx 10/26 Fischer-CT)
 4840 0125 YVOI R. Valera:w/ LA mx, ID, ads (333 11/3 Miller-OH)
 4860 0030 YVQE R. Maracaibo:w/ mx, ID (344 10/27 Scannell-MA)(Vecchiola-PA)
 4870 2355 YVKP R. Tropical:w/ ESTUDIO 1 pgm, into MARCAJOUR DEPORTIVO @ 0000 (333 11/5 Rodriguez-PR)(232 0448 10/17 Bixby-CA)
 4880 0014 YVMS R. Universo:w/ LA mx pgm (322 10/10 Miklejewski-MN)(Redman-IL)(Fischer-CT)(Bixby-CA)(Cleveland-CA)
 4890 1035 YVKB Radiodifusora Venezuela:w/ LA pop mx pgm (333 11/5 Snyder-CA)(Famularo-NJ)(Bixby-CA)(Scannell-MA)(Miklejewski-MN)(Redman-IL)(Cleveland-CA)
 4900 0350 YVNK R. Juventud:w/ US rock mx (242 10/25 Fischer-CT)(Bixby-CA)(Famularo-NJ)(Cleveland-CA)(Tannenwald-NY)
 4940 0037 YVPA R. Yaracuy:w/ SS tlk, ads, mx (333 10/29 Yajko-PA)
 4960 0056 YVAO R. Sucre:w/ ID, ads, splatter from 4955 (333 10/21 Vecchiola-PA)(332 0343 10/24 Cleveland-CA)
 4970 0312 YVLR R. Rumbos:w/ mx, OM ID (333 11/6 Crews-FL)(Bixby-CA)(Cleveland-CA)(Redman-IL)(Miller-CA)
 4980 0355* YVOC Ecos del Torbes:w/ ID, fqys, NA (444 11/3 Scannell-MA)(Redman-IL)(Vilar6-PR)(Cleveland-CA)(Bixby-CA)
 4990 0100 YVMQ R. Barquisimeto:w/ LA mx, ID, ads (322 10/11 Tannenwald-NY)(Redman-IL)(Fischer-CT)(Bixby-CA)(Cleveland-CA)

SWBC DX EUROPE / AFRICA



Robert Butterfield
P. O. BOX 398
Belmont, Massachusetts
02178 U.S.A.

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



Season's Greetings

-Africa-

ALGERIA

5145 2258 Radiodiffusion Television Algerienne: Ar tlk, mx, chants
2350-0000, ID and anthem @ 0002* (433 11/4 Brooks-CT)
7145 *2300 La Voz de la Resistencia via Algiers: S w/ "Voice of the
Chilean Resistance" progr for Chile (333 10/17 Bodell-OR);
(322 2400* on 7143.Lm 10/13 Hauser-OK)
7195 2350 RTVA: Ar chants, s/off 0002 (343 10/14 White-FL)
11810 2330 RTVA: Ar tlk, mx, anthem 2359* (434 10/23 Bodell-OR)
11965 2240 RTVA: Ar w/ mx (343 10/14 Earhart-PA)
17790 1114 RTVA: Fr w/ mx, nx, commtry (454 10/22 Smith-FL)
17825 1703 RTVA: Fr tlk (333 10/18 Brooker-MI)
21530 1550 RTVA: Ar HS here instead of normal 21565 // 17790, (also
on 21531 @ 1534 on 10/28 instead of 21565), (--- 10/15 this
date only Hauser-OK)
21715 1420 RTVA: Ar tlks, 1t mx (243 10/18 Famularo-NJ)

ANGOLA, REPUBLIC OF

9535 0110 Emisora Oficial: Port speeches to crowd (believe live),
independence ceremonies, native mx, many mentions of "La
Republica ... Angola", tlk 0155, 0214 mx, 0325 still on,
celebrating independence 12 hours earlier than expected
(333 11/10 Bixby-CA) // 7245 (333 11/10 2345 Lovett-OH); (323
1605 11/7 Bodell-OR); (333 0505 10/31 Vokes-TX)

ASCENSION ISLANDS

7105 0257 BBC, Atlantic Relay: Eng IS, ID into nx (333 10/14 Thompson-
NM)
9580 0001 BBC, Atlantic Relay: Eng nx (433 11/8 Benjamin-CA)
9695 1705 BBC, Atlantic Relay: Eng nx, tlk (343 10/19 Naylor-CA)

BOTSWANA

4845 *0357 R. Botswana: Setswana/Eng w/ cowbell IS, anthem, morning
prayer, later into rock mx (343 10/16 Snyder-CA); (232 0356
10/24 Bodell-OR); (232 0358 11/9 Vokes-TX); (232 0359 11/11
Zimarowski-MA); (232 0404 11/5 Dean-OH); (252 0404 10/10 Bixby-
CA); (333 0415 10/22 Oliver-NH); (232 0424 11/10 Cleveland-CA)

BURUNDI

4900 0402 R. Cordac: Swahili w/ afro mx, tlk, f/out 0430 (222 10/28
Vokes-TX)

CAMEROON

4972.5v 2121 R. Yaounde: Fr w/ afro mx, songs (322 10/28 Miller-OH); (333
2140 11/2 Vecchiola-PA)
5010 2 R. Garoua: U/lang w/ tlk, occasional western styled instr,
anthem 2200* (454 11/2 Vecchiola-PA) Even though s/off an
hour early pretty sure this is it Jim (131 2259* 10/7 Laves-
TX)

CAPE VERDE ISLANDS

3885 0020 R. Clube Cabo Verde: Port tlk, local and cl mx, TCs, ID, anthem, 0104 s/off is variable (232 10/18+ Bodell-OR)

CENTRAL AFRICAN REPUBLIC

5038 0650 Radiodiffusion Nationale Centrafricaine: Fr w/ songs, local mx, ID @ 0700 (333 11/4 Crews-FL);(232 2145 on 5035 TENT 10/27 Vecchiola-PA)

CHAD

4904.5 2125 Radiodiffusion Nationale Tchadienne: Fr ancmts, monotonous afro drum mx, chants (444 10/27 Vecchiola-PA);(343 2145 10/16 White-FL);(353 2255 10/20 Laves-TX)

CONGO, PEOPLE'S REPUBLIC OF THE

4765 0501 Radiodiffusion Television Congolaise: Fr/vern w/ martial mx, native mx, speech (422 11/6 Cleveland-CA)
 4843 0603 RTVC: Pointe Noire: Fr w/ lt afro mx (131 10/9 Laves-TX)
 6115 0437 RTVC: Fr tlk, afro mx, 0500 ID (232 10/10 Bixby-CA);(333 0515 11/7 Zimarowski-MA)
 15190 1249 RTVC: Fr w/ afro chants, tlk, mx, ID (222 10/7 Baron-PA); (343 1815 11/9 Lovett-OH);(454 1955 10/29 White-FL)

DAHOMEY

4870 0545 Radiodiffusion du Dahomey: Fr w/ ID, tlk (243 10/22 Oliver-NH);(232 2128 10/28 Miller-OH);(433 2210 11/2 Vecchiola-PA)

EGYPT, ARAB REPUBLIC

9475 0208 R. Cairo: Eng tlk (333 10/27 Rojewski-WA);(433 0210 10/26 DeVries-MA);(322 0305 10/31 Dean-OH)
 9805 *2200 R. Cairo: Eng s/on, nx (434 11/10 Pierce-MA);(454 2245 11/7 Miklejewski-MN);(444 2251 10/19 Yajko-PA);(344 2258* 11/7 Romani-MI)
 9850 2200 R. Cairo: Eng "This is the European Service of Radio Cairo", bells, nx (332 10/23 Van Fossen-OH)
 17920 1400 R. Cairo: Eng w/ "Arabic by Radio" (434 10/22 Van Fossen-OH); (343 1418 10/19 Yajko-PA)

ETHIOPIA

11890 1635 ETLF: Amharic progr w/ Ar type mx, Eng ID and closing ancmts w/ 1641* (242 11/8 Snyder-CA);(343 1639 11/2 Miller-OH)
 15245 1330 ETLF: Tamil? w/ rel progr to India, s/off 1410 w/ Eng ID (343 11/9 Brooks-CT)

EQUATORIAL GUINEA

4926 0544 R. Ecuatorial: Sp w/ afro mx, chants, 0552 fading out (242 10/9 Laves-TX)

GABON

4777 0540 Radiodiffusion Television Gabonaise: Fr mx, ID 0545 (333 11/4 Crews-FL);(232 2330 10/31 Miller-OH)

GAMBIA

4820 *0625 R. Gambia: Eng s/on, Ar Koran reading @ 0630, Eng nx @ 0700 (232 10/27 Zimarowski-MA);(333 0631 9/21 Baron-PA)

GHANA

4915 0530 Ghana Broadcasting Corporation, Accra: Eng ID, progr (333 11/4 Crews-FL)
 4980 0530 GBC, Ejura: Eng tlk, spts, nx, commls for Goke (332 11/4 Wolftman-IL);(353 0533 10/10 Bixby-CA);(333 0550 11/4 Crews-FL);(322 2055 10/25 DeVries-MA);(443 2205 11/2 Vecchiola-PA)
 11850 2000 P. Ghana (GBC): Eng nx, mx (333 10/28 Jernakoff-NY);(433 2005 10/27 DeVries-MA);(433 2025 10/20 Yajko-PA)

GUINEA-BISSAU

5041t 0002 R. Bissau: Port mx hrd from 2300, few ancmts, YL 0000, anthem and s/off 0002 (434 10/11 Vecchiola-PA);(243 0548 11/9 White-FL);(323 0603 9/21 TENT Baron-PA);(242 0620 11/7 TENT Hardester-CA)

GUINEA, REPUBLIC OF

7251m 0645 Radiodiffusion Nationale: Fr tlk, IDs into vern @ 0650 //
4910 (333 11/12 Zimarowski-MA);(332 0120 TENT 10/13 Snyder-CA)

IVORY COAST

4940 2120 Radiodiffusion Television Ivoirienne: Fr w/ native mx, vocal groups, ancmts (344 10/27 Vecchiola-PA);(353 0603 10/27 Bixby-CA)
11920 *1845 RTVI: Eng w/ afro mx prgr, ID "Radio Ivory Coast, Abidjan", TC @ 1915, nx to 1926 (242 11/8 Miklejewski-MN);(333 1845 11/5 Zimarowski-MA);(433 1918 8/30 Famularo-NJ);(323 2000* 10/17 Scannell-MA);(422 2000* 11/9 Pierce-MA);(322 *2001 in Fr 10/18 Brooker-MI);(353 2345 10/18 Earhart-PA)

LIBERIA

3990 0420 VOA, Monrovia: Eng special announcement and phone number for listeners in Lebanon (322 11/4 Talbot-WI)
4770 0605 ELWA: Eng rel prgr (322 10/27 Zimarowski-MA)
7175 0300 VOA, Monrovia: Eng "African Safari" (432 10/26 DeVries-MA)
7280 *0259 VOA, Monrovia: Eng w/ IS, ID, site ancmt, s/on w/ "African Safari" (343 10/11 Quinn-NY);(343 0300 11/1 Thompson-NM);(454 0300 10/15 Brick-MA)
11955 2200 VOA, Monrovia: Eng w/ mx followed by s/off (444 11/10 Pierce-MA)
17775nf 1830 VOA, Monrovia: Eng w/ Magazine prgr, ex 17870 (--- -- Hauser-OK)

LIBYAN ARAB REPUBLIC

6185 *0357 Peoples' Revolution Broadcasting: Ar w/ open carrier to 0400 s/on w/ mx (anthem?), tlk by man, 0410 Koran, 0459 Bells followed by YL singing mid-eastern style, 0520 more mx, songs, 0526 Deutsche Welle s/on ko's it (131 10/11 Leves-TX) Good catch Al. rfb.

MALAGASY REPUBLIC

11730 2030 R. Nederland. Talata: Eng "Saturday Show" (454 11/8 Ellsworth-CA);(444 2000 10/7 Jakubiak-MI);(232 2026 10/12 Naylor-CA)

MALI

4785 0700 R. Mali: Fr w/ afro mx after nx, tlk, // 5995 (333 11/7 Zimarowski-MA);(243 2300 10/12 Famularo-NJ);(343 2345 10/11 White-FL)
5995 2155 R. Mali: Fr/vern w/ chanting, steel drum mx, vern tlk (422 10/26 Vecchiola-PA);(434 2202 10/7 Baron-PA);(333 0003* 11/4 Brooks-CT);(353 2323 10/31 Bixby-CA);(343 2333 11/11 Bodell-OR)

MAURITANIA

4850 *0700 Radiodiffusion Nationale de Mauritanie: Ar tlk, Koran, f/out 0800, hrd daily (343 11/8+ Bodell-OR);(343 0700 10/17 Zimarowski-MA);(343 2040 10/28 Miller-OH);(444 2210 10/26 Vecchiola-PA);(353 0702 11/9 Bixby-CA)

MOROCCO

6190 0450 Radiodiffusion Television Marocaine: Ar chants, some tlk (343 11/8 Vokes-TX);(343 0615 10/27 Bixby-CA)
11760 2010 VOA, Tangier: Eng "Words and their Stories" (344 10/12 Naylor-CA)

NIGER

5020 0529 Office de Radiodiffusion Television du Niger: Vern w/ anthem, 0531 ancmt, singing (151 10/10 Bixby-CA);(343 0543 11/9 White-FL);(333 0605 in Fr 11/4 Crews-FL);(243 2152 in Vern 11/2 Vecchiola-PA)

NIGERIA

3396 0455 Nigerian Broadcasting Corporation, Kaduna: Vern tlk, Eng ID, hymn (232 10/11 Zimarowski-MA);(352 2215 10/19 Earhart-PA)
4990 0445 NBC, Sogunle: Eng w/ local prgr on politics by OM (242 10/16 Snyder-CA)
6090 2115 Radio Television Kaduna: Eng nx (222 11/5 Zimarowski-MA)
6145.7m2306* NBC, Calabar: Eng? tlk @ 2300, 2305 ID, anthem, 2306*, hetting station of DW on 6145 (--- 10/13 Hauser-OK)

NIGERIA (cont)

6195 0620 NBC, Sokoto: Eng/vern w/ afro and rock mx, tlk (232 11/8 Vokes-TX)
 7275 0625 Voice of Nigeria (NBC): Eng mx request prgr, YL DJ, ID @ 0630, more mx (333 11/4 Crews-FL);(--4 0605 10/26 Farrington-CO)
 15120 1845 VON (NBC): Eng tlk w/ ID, afro mx (243 11/4 Bodell-OR);(354 1908 11/3 Mulcahy-IRELAND);(211 1910 11/2 Markiewicz-MI)

RHODESIA

3394m 0400 Rhodesia Broadcasting Corporation: Eng w/ ID, TC, nx, mx (343 10/28 Oliver-NH);(342 0400 11/5 10/28 White-FL) Don't mistake NBC, Kaduna 3396 for RBC. rfb.

RWANDA

7225 0400 Deutsche Welle, Kigali: Swahili tlks, mx, vocals, 0430 Eng nx, orch mx, ID, comtry (333 11/1 Thompson-NM)
 9735 0510 Deutsche Welle, Kigali: Eng nx, ID, s/off 0515* (333 10/29 Rojewski-WA)
 17765 1225 Deutsche Welle, Kigali: Eng ID, "It Happened in Germany", afro nx (433 10/11 Smith-FL)

SENEGAL

11895 2215 Radiodiffusion du Senegal: Wng w/ 2216 time pips, mx, ID, tlk, 2227 sudden off in middle of song (443 11/9 Bixby-CA)

SEYCHELLES

15325 1531 Far East Broadcasting Association: Eng prgr hrd after RCI 1530* "Radio Newsreel" BBC prgr (343 11/9 White-FL);(241 1545 10/16 Oliver-NH);(131 1550 11/9 Vokes-TX);(333 1656 10/25 Bodell-OR)

SIERRA LEONE

3316 0607 Sierra Leone Broadcasting Service: Eng tlk, mx, IDs (423 9/21 Baron-PA)

SOMALIA

9585 1540 R. Mogadishu: Somali tlk, local mx (242 11/8 Snyder-CA);(444 1550 11/10+ Bodell-OR);(232 1830 10/26 Dean-OH);(331 1910 10/14 Wirrell-MA);(333 2013 10/8 Baron-PA);(242 2039 10/11 Laves-TX);(423 2045 10/24 White-FL);(332 2055 11/10 Brooks-CT);(333 2055 10/29 Lovett-OH);(433 1930 10/15 Zimarowski-MA);(444 2102*10/25 Jerkanoff-NY) For those who haven't hrd this station yet, or are having trouble because you don't have frequency measuring capabilities, tune R. RSA (c.f. South Africa) wait a day and presto! rfb.

SOUTH AFRICA

3250 0155 SABC: Eng w/ orch mx, piano mx, vocals, ID 0230 (333 9/28 Thompson-NM);(343 0208 11/8 Miklejewski-MN);(433 0233 9/27 Smith-AL);(343 0255 10/17 Earhart-PA)
 4810 0237 SABC: Eng w/ mx, rock, ID @ 0300 (323 10/29 Naylor-CA);(433 0306 10/24 Cleveland-CA);(333 0345 10/30 Uerlings-OR);(323 0410 11/1 Famularo-NJ);(333 0401 11/8 Baron-PA);(353 0426 10/31 Bixby-CA)
 4835 0405 SABC: Eng tlk (333 10/24 Cleveland-CA);(243 0430 11/5 Dean-OH)
 4875 *0428 SABC: Afrikaans w/ bird IS, Saturday s/on (353 11/1 Bixby-CA);(443 0417 11/10 Cleveland-CA);(333 0500 11/4 Crews-FL)
 7270 0400 R. RSA: Eng nx, mx (443 11/10 Earhart-PA)
 9525 2221 R. RSA: Eng prgr back on this fqy after several days on 9515, perhaps an experiment that failed, or just to confuse Contest 75 participants? (--- 10/27 Hauser-OK);(443 0430 10/8 MacCoy-AZ)
 9585 2225 R. RSA: Eng w/ IS, nx, Panorama (454 10/30 Thompson-NM);(444 10/14 Yajko-PA)
 9710 1410 SABC: Eng w/ morning DJ prgr, US pops, ads (232 11/8 Snyder-CA)
 11900 2230 R. RSA: Eng w/ nx,mx (333 10/18 Hoffman-PA);(343 2315 11/8 Benjamin-CA);(434 2318 10/22 Yajko-PA)
 11935 1415 SABC: Afrikaans/Eng w/ pop mx, ads, "Passing Parade" (342 11/6 Miklejewski-MN)

SOUTH AFRICA (cont)

11970 2230 R. RSA: Eng w/ prgr to N.A., replaces 5980 (422 11/4 Zilmer-WI);(444 2230 11/2 Wilson-IL)
 15155 2150* R. RSA: Eng prgr, s/off (333 11/2 Romani-MI);(444 2235 11/2 Wilson-IL);(433 2230 11/4 Zilmer-WI) // 11900 11970
 17780 1630 R. RSA: Eng prgr (434 10/19 Kummer-KY)
 21535 1147 R. RSA: Eng "Under the Southern Cross" (352 11/10 Miklejewski-MN);(333 1303 10/24 Smith-FL);(444 1400 10/24 Van Wossen-OH); (243 1503 10/26 Dean-OH)

SUDAN

7200 *0400 R. Omdurman: Ar s/on into Koran reading (232 10/11 Laves-TX)
 11835 1852 R. Omdurman: Ar w/ Sudanese mx, ancmt @ 1900 by OM, nx (333 10/29 Bodell-OR)

SWAZILAND

3223 0356 Swazi Music Radio: Eng w/ pop corn IS, mx, 4980 not hrd (121 10/10 Bixby-CA)

TANZANIA

15435 1900 R. Tanzania: Eng nx and afro mx (422 10/19 Zilmer-WI)

TOGO

5047 2251 Radiodiffusion du Togo: Fr tlk, Eng and Fr vocals, s/off w/ anthem @ 2301 (333 11/3 Dean-OH);(233 0647 TENT 11/7 Hardester-CA);(--3 0635 10/23 Harrington-CO);(322 1030 10/20 Zilmer-WI)

TUNISIA

7225 2300 Radiodiffusion Television Tunisienne: Ar mx, Koran, anthem, 2334* (444 10/17 Bodell-OR)
 11970 2030 RTVT: Ar w/ ID @ 2030, chants, already QSLed in 9 days (433 10/18 Oliver-NH) Fast: rfb.
 15225t 2220 RTVT: Ar chants, ancmt, (232 10/26 Vecchiola-PA)

UGANDA

6030 1503 R. Uganda: Eng w/ hvy afro accent w/ tlk on politics, fast fading (222 11/10 Bixby-CA)
 9730 2030 R. Uganda: Eng w/ new foreign svc to N. Africa, nx, "Radio Newsreel" (343 11/10 Lovett-OH);(343 2023 11/8 Miller-OH)
 15325 1800 R. Uganda: Eng nx, mx (333 11/2 McIntosh-PA);(444 1820 w/ ID, fgy, address as Uganda Broadcasting Corporation, The External Service, P.O. Box 2038, Kampala 11/2 Markiewicz-MI); (323 1825 11/2 Butterfield-MA);(11/2 Johnson-CA also)

UPPER VOLTA

4815 2355 Radiodiffusion Television Voltaique: Fr w/ afro mx, ID, Balafon IS w/ anthem s/off (232 10/15 White-FL)

ZAIRE

4750 0359 R. Lumbumbashi: Fr? w/ s/on (222 11/4 Laves-TX)
 7205 0419 R. Lumbumbashi: Fr w/ OM ancr, afro mx (333 10/15 Bixby-CA)
 15245t 2333 La Voix du Zaire: Fr w/ afro mx, tlk, many mentions of "La Revolution" (242 10/16 Bixby-CA)

ZAMBIA

7250t 0315 R. Zambia: Vern/Fr w/ long afro song/chant, hvy ARO QRM (354 11/10 White-FL)

-Europe-

ALBANIA

5057 1430 R. Gjirokaster: Albanian w/ political tlk, short prgr Albanian folk mx @ 1447 (444 10/14 Wootten-ITALY)
 6200 0130 R. Tirana: Eng nx, IS, ID (444 11/9 Baron-PA);(554 0134 10/12 Quinn-NY);(333 0230 11/5 Kummer-KY);(433 0230 10/8 Zelasko-IN)
 7120 0134 R. Peking via Tirana: Eng nx (423 11/9 Baron-PA)

AUSTRIA

6255 1140 Schulungssender des Osterreichischen Bundesheeres (Austrian Army Radio): Ger w/ nx, mx, short ancmts (444 10/10 Wootten-Italy)

AUSTRIA (cont)

9770 0130 Osterreichischer Rundfunk: Eng nx, tlk // 6155 (333 10/22 Bethge-MO);(443 0130 10/19 Jones-MS);(444+ 0138 10/6 DuRant-MD);(433 0145 10/19 Van Fossen-OH);(322 0155 10/23 Uerlings-OR)

BELGIUM

6080 0043 Radiodiffusion Television Belge: Eng w/ Alan Brook's report on ANARC Convention (322 10/14 Yajko-PA);(322 0045 10/26 Uerlings-OR);(433 0050 10/20 Brick-MA)

BULGARIA

6070 0233 R. Moscow via Sofia: Eng NAS relay ex 9700 // 11860 (--2 10/27 Hauser-OK)
 9700 1930 R. Sofia: Eng nx, mailbag (433 10/10 DeVries-MA);(454 2138 11/8 Vogel-PA);(222 2155 10/31 Rojewski-WA);(333 2357 11/11 Trzaskus-IL)

CZECHOSLOVAKIA

11990 *1430 R. Prague: Eng nx (243 11/2 Brooker-MI);(332 1540 10/22 Van Fossen-OH);(433 1730 10/18 Yajko-PA)

DENMARK

15165 1058 R. Denmark: Danish prgr, IS, Eng ID, into prgr (222 10/23 White-FL);(322 1400 10/19 Yajko-PA);(333 1600 9/25 S. Shaw-CA);(322 *1600 10/18 Hoffman-PA);(423 1605 10/27 Uerlings-OR)

FINLAND

15185 1400 R. Finland: Eng "Letterbox" (333 10/12 Quinn-NY);(434 1406 10/19 Yajko-PA);(545 1415 10/26 Van Fossen-OH);(323 1600 10/27 Uerlings-OR);(343 1800 10/19 Wilson-IL);(444 10/26 Winslow-WI)

FRANCE

3940 1930 R. France International: Fr nx, not // 3965, is // 11925 and others, not listed on new sked (454 10/24 Wootten-Italy)
 3965 1935 RFI: Fr w/ mx prgr (--- Wootten-Italy)
 15300 1700 RFI: Eng "Paris Calling Africa" (343 10/18 Wilson-IL);(434 1704 11/1 Richmond-CT);(444 1705 10/29 Rojewski-WA);(434 1710 10/21 Uerlings-OR)

GERMANY, EAST

15390 2024 R. Berlin International: Eng economic tlk (423 10/19 Yajko-PA);

GERMANY, WEST

9765 2125 Deutsche Welle: Eng prgr (422 10/18 Zilmer-WI);(544 2130 10/25 DeVries-MA);(343 1230 10/29 Beaudoin-CT)

GREAT BRITAIN

3952.5 1609 BBC: Eng nx headlines, 1615 into Ger to Eur (343 11/3 Mulcahy-IRELAND)
 3975 *2000 BBC: Eng nx (333 11/3 Mulcahy-IRELAND)
 11710 2150 VOA, Wofferton: Russian tlk (332 10/14 Earhart-PA)

GREECE

6015 2150 VOA, Rhodes: Eng w/ nx, 2200* w/ ID (222 11/6 Talbot-WI)
 7110 0300 VOA, Rhodes: Eng commtry (333 10/20 Beaudoin-CT)
 9520 *2300 Voice of Greece (EIRT): Greek w/ IS, s/on, IDs, tlk (222 11/8 Bodell-OR);(323 0014 in Eng after flute IS, local nx, world nx @ 0020, s/off 0030 11/78 White-FL)
 9700 1602 VOA, Kavala: Eng nx under AFRTS (322 11/10 Bodell-OR)

HOLLAND

6165 0123 R. Nederland: Eng "Happy Station" (434 11/10 Bethge-MO);(545 0230 10/8 Zelasko-IN)

HUNGARY

6000 0200 R. Budapest: Eng commtry (444 10/19 Scannell-MA);(322 0200 10/19 Jones-MS);(333 0255 10/26 Trzaskus-IL);(332 10/23 Van Fossen-OH);(534 0325 10/29 Dean-OH)

GET YOUR SWBC DX REPORTING FORMS FROM HQ.

ITALY

3995 1659 Radiodiffusion Television Italiana: It w/ lt cl mx TENT (333 11/3 Mulcahy-IRELAND);(433 1945 10/24 Wootten-ITALY)
6010 0100 RAI: Eng nx, mx (433 10/30 Kummer-KY);(333 0100 10/25 Thompson-NM);(534 0110 10/21 Van Fossen-OH);(433 0112 10/26 Yajko-PA);(444 11/9 0014 Baron-PA)

LUXEMBOURG

6090 0020 R. Luxembourg: Eng rock mx prgr (433 10/21 Van Fossen-OH); (211 0030 10/27 Uerlings-OR);(434 0043 10/19 Yajko-PA)

MALTA

6055nf 2045 IBRA R.: Eng w/ test transmission of rel mx, rpts requested (333 11/5 Zimarowski-MA)
6100 *0130 Deutsche Welle via Malta: Eng w/ IS, ID, nx (443 0128 10/8 DuRant-MD)
9755 *2015 Adventist World R.: Eng nx, IDs, nx, DX prgr (333 10/11 Baron-PA)
*2045 R. Malta: Eng mx, ID (333 10/11 Baron-PA);(322 10/18 Brick-MA)
*2100 IBRA R.: Eng ID, tlk, mx (333 10/11 Baron-PA)

SICILY

6060 0205 Radiotelevisione Italiana, Caltanissetta: Fr/Ger w/ "Notturmo dall Italia (323 10/12 White-FL)

YUGOSLAVIA

9620 *2200 R. Belgrade: Eng w/ IS, s/on, ID, nx (322 10/27 Bodell-OR) (434 2210 10/19 Yajko-PA);(433 2210 10/25 DeVries-MA)

EUROPE/AFRICA ROUNDUP:

Thanks to the following new reporters for our Christmas issue: Mark Baker, Bob Beaudoin, Dennis Dean, Joe Markiewicz, John Mucia, and Frank Woltman. A new SPEEDX record of 75 reporters to this column. Thus things are a little cramped this month, but expected due to the good African conditions this month. Now let's try for a 100 reporters!

Note that we have returned to our regular address, P.O. Box 398, now that my heavy travel schedule has been reduced. Lack of space prevented us from pointing out the change, but practically everyone noticed and in any case all reports to either address reached us safely and on time.

On November 26, 1975, the BAD Guys held another get-together at the home of Mark Scannell. Among those in attendance were, besides myself, Linda DeVries, Jim Whitehead, Jerry Berg, Chris Lobdell, Mark Zimarowski, Bill Howat, Art Henry, Greg Caliri, Alan Brooks, and Henry Michalenka, not to forget OM Frank Testa who was presented with the BAD Guys "Man of the Year" award. Finally a warm and Joyous holiday season to all. Merry Christmas!

Now for some DX news, those items marked BBC MS are copyrighted and appear by permission.

Radio Espana Independiente: This station has "announced on 24th October that henceforth it would broadcast continuously between 0600 and 2400 on its usual frequencies (15505, 14485, 12140, 10010 and 7690 kHz - of which four are usually in service simultaneously) in order to fill an information gap caused by the Spanish Government's manipulation of the mass communication media".

(BBC MS)

Spanish Sahara - Radio Sahara: The Spanish government has announced it will leave the Spanish Sahara in February of 1976. The territory will then be divided between the states of Mauritania and Morocco if all goes according to plan.

"It has been observed that the SW outlet of R. Sahara, al'Uyun, has changed from 11805 kHz to 11950 kHz although station announcements continue to give the former frequency. An announcement on 1st November gave details of transmissions as follows: 'This is Radio Sahara broadcasting from EA3203 centre in al'Uyun. We broadcast on ... 11805 kHz from 0800-1800, on 6095 from 1800-2400 and on our SSB transmitter on 4627 kHz from 0900-1800.'"

(BBC MS)

Zaire - La Voix du Zaire: "The Zairean news agency, AZAP, has reported that the "Voice of Zaire" transmissions on some of its short-wave outlets have been temporarily suspended following the dismantling of the transmitter centre ... in Kinshasa ... 'The suspended channels are 11795, 9770, 7115, and 4880 kHz.' Broadcasts will continue on 15245. Broadcasts will resume upon installation of transmitters at Ndjili broadcasting centre. Also the Voice of Zaire Bandundu station is testing 10 kw on 7115.

(BBC MS)

ASIA-OCEANIA

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



DEADLINE: 15th of the month

Recognize the typewriter? Yep! It's me, infesting the A/O section for a month while Bob, his family, and Baby LeRoy visit Hawaii. He will return next month, so don't despair. Baby LeRoy, by the way, is what Bob calls his SPR-4. What's your rig's pet name? You DON'T say!!! Mine's Smoke cause that's what it did last time I turned it on. Enough of this and on to the reports. Remember, times and dates in GMT, frequencies in kiloHertz, and abbreviations from new member's information packet.

FRBQ TIME SIO LOCATION

ASIA

AFGHANISTAN

3390 1641 422 JAPAN R. Afghanistan: Vern w/Oriental mx, 1700 IS, ID. (Junqua 10/24)
4775 0140 333 OR RA: Pushtu(?) with Qur'an reading. (Bodell 11/15)
1401 222 OR RA: U/lang w/chant mx after RRI s/off. (Bodell 11/6)

BANGLADESH

4890 1529 232 OR R. Bangladesh: Eng mx, OM ID, into nx. (Bodell 11/14)

BRUNEI

4865 1255 433 TX R. Brunei: Malay(?) w/Oriental mx, YL ID at 1300. (Laves 10/18)
7215 1159 232 CA RB: Eng time tones, ID, 1230 "Young Sound". (Smith and Naylor)
1206 141 OH RB: U/lang with rousing chorus songs, no ID. (Miller 11/9)

BURMA

BBS - Burma Broadcasting Service

5040 1115 232 ECNA BBS: Burmese play, Oriental music. (White FL and Miller OH)
1353 443 WCNA BBS: Burmese to 1430, into Eng reported from CA by Earhart, Smith, and Cleveland. I wonder why everyone is going to CA??

CHINA, P. R. OF

CJKT - Central Peoples Broadcasting Station

2920 1338 322 JAPAN Huhehot JKT: Mongolian w/local mx, 2 X 1460 // 4875. (Junqua 11/4)
3000 1305 --- OK PLA Fukien: Heard hetting against VOLMET on 300L. (Hauser 10/30)
3200 1247 232 MN PLA Fukien: Chinese w/mx, announcements. (Miklejewski) (Snyder)
3240 1335 443 JAPAN Szechwan JKT: Chinese music. (Junqua 10/27)
3245 1401 232 OR Szechwan JKT: Chinese YL talk. (Bodell 11/14) Which freq?????
4035 1444 242 OR Lhasa relaying CJKT w/orchestral music. (Bodell 11/14)
4250 1502 333 CA CJKT 2nd Pgm: Chinese with play(?). (Cleveland 10/30)
4330 1445 443 CA Unid Chinese w/choral music, YL tlc, CW QRM. (Cleveland 10/31)
4380 ????? 332 CA PLA Fukien: Chinese OM tlc, utility QRM. (Cleveland 10/30)
4525 1231 232 OR Tungsheng w/Chin YL tlc. (Bodell 10/24) Tungsheng??
4840 1150 242 OH PLA Fukien: Chinese YL commentary. (Miller 11/1)
4882 1445 443 CA R. Peking: Mongolian(?) w/native mx // 4815. (Cleveland 10/29)
5040 1041 142 TX Fukien JKT: Chin YL talking, OM singing. (Laves 10/18)
5920 2335 322 NJ RP: Spanish OM and YL talking, CW QRM. (Famularo 11/4)
5935 1401 132 TX Lhasa w/Chin YL singing, VOA feeder QRM. (Laves 10/26)
6290 1222 242 MS RP: Eng with YL commenting. (Jones 10/11)
6590 1344 443 CA RP: English tics // 6290, 9290, 11650. (Cleveland 10/23)
6890 1627 333 IRE RP: Chinese dialect w/mx, tlc, poor modulation. (Mulcahy 10/23)
7050 1354 333 JAPAN Sinkiang JKT: Uighur w/mx, 1400 ID, talk, ARO QRM. (Junqua 10/17)
7504.5 2210 252 OH Unid Chinese with YL talks. (Lovett 11/9)
7590 2040 343 ENG RP: English news. (Cawthorne 10/27)
7620 1652 343 IRE RP: Eng to East and South Africa with talk, news. (Mulcahy 10/23)
9290 1227 232 PA RP: English political talks. (Yajko 10/19)
9390 1240 243 MN RP: Spanish YL with talk, ID at 1244, more talk. (Miklejewski)
9420 1403 443 CA RP(?) Russian s/on, "East is Red", into nx. (Cleveland 10/23)
9440 1352 333 CA RP(?) Chinese choral music, 1355* w/Internationale. (Cleveland)
9470 *0400 444 NM RP: English IS, ID, news, musical interlude. (Thompson 10/31)
9530 *1600 333 CA RP: IS and into Russian programming. (Naylor 10/19) Beijing????

CHINA (CONTINUED)

9860 0035 232 OH RP: U/lang with YL talk, ID. (Dean 10/21)
 9920 0112 333 MN RP: English OM news, Chinese music, more OM talk. (Miklejewski)
 9940 0005 333 WA RP: English news. (Rojewski 11/2)
 9945 1410 343 MI RP: Chinese music and YL talk. (Brooker 11/2)
 2345 232 OH RP: U/lang OM talking, 2356*. (Dean 10/20)
 10150 0116 343 JAPAN CJKT 2nd Pgm: Chinese opera. 2 X 5075. (Junqua 10/12)
 11515 2337 232 OH RP: U/lang w/OM and YL talking, ID, flutter. (Dean 10/25)
 11600 *0100 232 MN RP: Spanish YL annts, nx // 11650 (344). (Miklejewski 10/25)
 0215 444 NM RP: Spanish orchestral music, talk, time tones. (Thompson 10/26)
 11695 1942 233 MN RP: English OM nx, YL hosting mx at 1947. Europe Srvc. (Miklejewski)
 11945 0000+ 333 ECNA RP: English to this area noted by Winslow WI, Quinn NY, Dean OH, and Smith FL.
 11965 *0100 131 NJ RP: English with East is Red, talking. (Famularo 11/3)
 12120 0136 253 OK CJKT 1st Pgm: Percussion in Gyoju // 11290, 11330. (Hauser 10/27)
 0520 433 CA CJKT 1st Pgm: Chinese drama w/"The Squealers". (Snyder 10/16)
 12200 0135 --- OK RP: Eng to NA weak compared to 12055 and 11945. (Hauser 10/27)
 15270 1242 232 MN RP: English OM talk, YL ID, anat. (Miklejewski 10/29)

CYPRUS

15420 1740 333 MA BBC: English news, music, and comment. (Wirrell 10/18)
 *1800 343 CT BBC: Arabic opening with news of Angola. (Beaudoin 10/29)

DODECANESE ISLANDS

7205 2147-2155 222 MA-TX VOA Rhodes: English nx, cnt, ID, 2200*. (Zimarowski and Laves)

INDIA AIR - All India Radio

3235 1357 222 OR AIR Gauhati: U/lang talk by YL. (Bodell 11/14)
 3268 1535 222 JAPAN AIR Kohima: Hindi(?) w/Oriental mx, tlc, 1530 ID. (Junqua 10/16)
 3905 1905 343 ITALY AIR Delhi: Arabic news, long mx pgm in u/lang. (Wootten 10/24)
 7225 *0129 332 NJ AIR Delhi: Nepali IS, opening at 0130 by YL, into mx. (Hambright)
 11620 2140 332 MI-WI AIR Aligarh: English news and talk. (Brooker and Zilmer)
 11740 2200 242 MA AIR Delhi: English news. (Zimarowski 11/9)

INDONESIA RRI - Radio Republik Indonesia

3204 1317 332 CA RRI Bandung: Indo mx, OM w/leisurely talk. (Snyder 11/9)
 3294 1400 333 CA RRI Samarinda: Indo OM w/ID, news. (Snyder 11/9)
 3325 1412 232 OR RRI Tanjungkarang: Indonesian talk by OM. (Bodell 11/14)
 4376 1455 333 OR Unid Indo with YL singing and Indo annts. (Bodell 11/14)
 4719 1233+ 232 USA RRI Ujung Padang: This popular station reported with Indo news, talks, and music by Miller OH, Jones MS, Brooker MI, and Cleveland CA.
 4774 1348 243 OR Jakarta with Mideast music, Indo annts, 1400*. (Bodell 11/6)
 4845 1257 211 TX RRI Ambon: Indo w/Oriental mx, "Love Ambon". (Laves 11/8)
 4855 1450 433 CA RRI Palembang: Indonesia OM with talk. (Cleveland 10/29)
 5885 1355 111 TX RRI Pekanbaru: Indonesia singing, VOA feeder QRM. (Laves 10/26)
 7110 1130 333 USA RRI Yogyakarta reported by Jones MS, Leistner CA, and Smith CA featuring soft music, ID, and news.
 11789 1131 252 NJ VOI: English w/folk music, ID, address, talks. (Famularo 10/13)
 2357 333 PA VOI: English pop music and identification. (Yajko 10/21)

IRAN

7135T 1443 333 OR R. Iran (WRTH): Farsi OM talk, ex-7064. (Bodell 11/6)
 9022 *2000-2030 333 -- V. of Iran: English ID, news, and music reported by Beaudoin CT, Crews FL, Lovett OH, Yajko PA, and Cawthorne ENG. Heard in Farsi by Baron PA at 2120 at 222, and at 2325 by Thompson NM with 343 signals.
 15084 1542 544 MN RI: Farsi with YL hosting music. (Miklejewski 10/24)
 1830 433 NY RI: Farsi news, music of Mideast type. (Jernakoff 10/23)

IRAQ

9745 *1930+ 333 -- R. Baghdad: English ID, news reported by Crews FL and Cawthorne ENG. German follows as listed by Hauser OK and Famularo NJ.
 17770 1247 322 FL RB: Arabic music, annts by OM, wiped out by Sweden s/on. (Smith)

ISRAEL IBA - Israel Broadcasting Authority

5950 0500 443 WI IBA: English news to NA // 5900 (433). (Zilmer 11/8)
 7412 2000 433 WI IBA: English sked, news to NA // 7395 (343). (Zilmer 11/8)
 9400 1617 322 MN IBA: Hebrew mx, ads, 1630 ID, more mx. (Miklejewski 11/2)
 1164? ---- ---- -- IBA: Several reporters note IBA is shifting this freq from 11642.5 to 11643 and possibly back to 11640 where Zilmer noted it on 11/9. Others chasing it are Hauser OK, Cawthorne ENG, Yajko PA, Famularo NJ, and Uerlings OR.
 12025 *2000 434 PA IBA: English ID and news. (Baron 11/10)

ISRAEL (CONTINUED)

12045 2204 242 MI IBA: Hebrew talk // 12080. (Brooker 10/18)
 12080 1813 343 IRE IBA: Russian tlk about Mideast, jammed at 1815. (Milcahy 10/27)
 1830 333 NJ IBA: Hebrew foreign service w/nx, Russian at 1900. (Levin 11/1)
 15512.5 1805 --- OK IBA: Ladino news as a part of the Hebrew H.S. (Hauser 10/19)

JAPAN

3945 0700 222 CA NSB 2nd Pgm: Japanese talk. (Chadbourne 11/13)
 6030 1228 322 MS R. Japan: English IS, ID. (Jones 11/9)
 6155 0800 444 CA FEN: English ID, nx. (Smith 10/22)
 9505 0600 333 CC RJ: Eng news. (Harrington 10/25) 1413 333 PA (Yajko 10/19)
 9530 *0900 333 PA RJ: Japanese opening with talk and news. (Yajko 10/20)
 9605 0856 322 FL RJ: IS, English ID, anthem, and into Japanese. (Crews 11/3)
 9670 1632 333 CA RJ: English news, "Tokyo Calling", into French. (Naylor 10/19)
 11705 2345 232 OH-WI RJ: Eng to NA replacing 15270 noted by Miller and Zilmer.
 11815 1404 333 CA RJ: English news, ID, commentary, Japanese lessons. (Naylor 10/28)
 15105 ----- USA RJ: This standard frequency for G.S. programming was noted by
 Miklejewski 0006 454 MN, Benjamin 0313 333 CA, Beaudoin 2100 343
 CT, Quinn 2100 354 NY, and Dean 2200 222 OH.
 15195 0130 544 WCNA RJ: English answers to letters and other talks. (Miller CA and
 Vera Crable ID)
 15260 2330 222 WA FEN: English ID and news. (Rojewski 10/30)
 15410 2258 --2 OK RJ: Vietnamese under Kigali // 15300 to SEA. (Hauser 10/24)
 15420 0130 343 NM RJ: English news and special reports. (Thompson 10/25)

JORDAN HKBS = Hashemite Kingdom Broadcasting Service

9560 1710 232 OR HKBS: English news, YL with wx, pop mx, 1730* (Bodell 11/14)

KOREA, D. P. R.

2850 1330 333 NM KCBS: Korean talks, orchestral music, male vocals. (Thompson)
 3030 1300 --3 OK KCBS Wonsan: Korean talk, mx // 2850. (Hauser)
 3320 1355 342 CA KCBS: Korean H.S. w/choral mx. YL talk, play. (Cleveland 10/22)
 4700.5 1001 342 MS Chosen Yonghe Hesan Pangsong Sil: Oriental lang w/YL talk, choral
 mx. (Jones 10/16) ID per Bob Hill.
 1520 333 OR CYHPS: Korean YL/OM talk, overmodulated. (Bodell 11/6)
 7580 1405 443 CA R. Pyongyang: Russian OM with news(?). (Cleveland 10/22)
 9420 1016-1045* 343 ECNA RP: English cmt, mx, and ID's reported by Smith and White in FL
 and by Miklejewski in MN.
 9820 0740 353 CA RP: English political talks by YL to 0748*. (Earhart 10/28)
 *1400 333 CA RP: French opening by YL // 11535. (Cleveland and Earhart)
 9980 1800 332 CA RP: English cmt by YL on Korean revolution. (Ellsworth 11/10)
 11535 1222 232 PA RP: Korean(?) music and talk by YL. (Yajko 10/19)

KOREA, REP. OF

6344.3 1420 322 CA V. of Hope: Japanese/Korean OM/YL tlk, martial mx. (Hardester 11/7)
 6348 1247 222 TX VOH: Korean OM talk, utility QRM. (Laves 10/21)
 9600 1915 444 WA R. Korea: English Melodies of Korea. (Rojewski 11/5)
 9640 0900, 1445 444 CA RK: English news and comment. (Smith and Miller)
 11850 0520 333 WCNA RK: English Melodies of Korea, ID, sked. (Uerlings OR, Cleveland CA)
 0900 352 CA RK: English news, commentary, Life in Korea. (Hardester 11/8)

KUWAIT

11940 1745 333 ECNA R. Kuwait: English news, wx, pop music // 9555 listed by Hauser
 OK, Hambright NJ, and Yajko PA.
 1930 333 ENG RK: English music requests. (Cawthorne 10/19)

LAOS PLR = Pathet Lao Radio

6214 1230 142 TX PLR: Lao(?) with Asian music. (Laves 11/8)
 1318 333 JAPAN PLR: Laotian YL w/talk // 6197. (Junqua 10/15)

LEBANON

9545 0245 433 FL R. Lebanon: English pop mx, ID, Lebanese mx. (Smith 10/17)
 9675 *0300 322 FL RL: Spanish following Eng s/off. (Smith 10/20)

MALAYSIA

3915 1435 333 CA BBC: Vietnamese YL talk // 6065 and 9580. (Cleveland 10/27)
 1550 222 OR BBC: English programming. (Uerlings 10/29)
 4845 0935 333 CA R. Malaysia Kuala Lumpur: Indian (WRTH) nx by YL. (Smith 10/22)
 4985 1455 322 CA RMKL: Malay pop standards, ID at 1500. (Cleveland 10/28)
 9665 1407 242 CA RMKL: Eng YL talk on Malaysian trade. (Snyder 11/9)
 9725 0039 333 CA BBC: English lessons, 0045 QRT. (Naylor 10/12)
 11900 1055 243 CA V. of Malaysia: Mandarin IS, anthem, and ID. (Smith 10/22)

MALDIVES

4740 1539 211 CA R. Maldives: English religious programming with choir songs and
 Biblical preaching. 1631 fade out, utility QRM. (Lawson 11/9)

NEPAL

3225 *1330 322 WCNA R. Nepal: Eng/Nepali s/on, Nepali talks, music, nx noted by Bodell OR, Chadbourne CA, Cleveland CA, and Leistner CA.
 1440 433 JAPAN RN: Eng YL w/local mx, OM w/trlk, commentary, more mx. (Junqua)

PAKISTAN

3329.5 1416 222 OR R. Pakistan Peshawar: U/lang mx, OM tlk. (Bodell 11/14)
 3397v 0125 333 OR RP Islamabad: U/lang OM tlk, subcontinent mx, YL annt. (Bodell)
 *1457 322 JAPAN RP Islamabad: Urdu relay of Rawalpindi, Eng at 1708. (Junqua)
 7010 1053 433 JAPAN RP Islamabad(?): Urdu mx, short Eng ID at 1100. (Junqua 10/9)
 7085 2100+ 322 ECNA RP Karachi: Eng World Service mx, mx, 2146*. (Lovett OH, Wirrell and Zimarowski MA)
 9400A 1305 344 MN RP (?): Eng nx, ID, into U/lang talk, sitar mx. (Miklejewski)
 9460 1300+ 322 TX-WI RP Karachi: Eng and u/lang with news and regional mx. (Laves TX and Zilmer WI)
 2145* 332 MN RP Karachi: Eng s/off after pop music and annts. (Miklejewski)
 9690 1230 443 NJ RP Islamabad(?): Eng ID and pop music. (Hambright 11/1)
 15325 1530 111 CA RP (?): Eng ID, sked, mx, BBC nx, DX pgm. (Smith 10/22)
 15520 1300 232 ECNA RP Islamabad: English news reported by Zimarowski and Brooker.

Azad Kashmir

3915 1445 131 CA Azad Kashmir Radio: U/lang w/subcontinent mx, BBC QRM. (Snyder)

PHILIPPINES

6030 1529 222 OR FEBC: English religious music, OM announcements. (Bodell 11/6)
 6110 1335 333 CA VOA Tinang: Eng special reports // 6185 Bethany. (Naylor 10/29)
 Also heard at 1059 s/on by Jones in MS with 443 signals.
 7205 1545 333 CA VOA Tinang: Hindi (WRTH) OM/YL discussion of Sadat. (Hardester)
 9555 1553 343 CA VOA Tinang: Chinese w/English lessons. (Naylor)
 9615 0817 433 JAPAN Philippine Broad. Service: Eng Dept of Public Info service with pop mx, time checks, spoken and sung ID's, etc. (Junqua 10/12)
 9630 1505 555 CA VOA Tinang: Indonesian mx and talk, nx by YL. (Miller 10/21)
 9730 1434 --- OK VOA: SEAS music four seconds ahead of domestic 9660. (Hauser)
 11930 2348 351 PA VOA Tinang: Chinese with English lessons. (Earhart 11/7)
 17810 0020+ 444 WCNA FEBC: English religious programs, skeds, news. (Rojewski, Smith)

QATAR

9570 1623 222 OR QBS = Qatar Broadcasting Service
 QBS: Arabic music, audible only a few minutes. (Bodell 11/10)

RYUKYU ISLANDS

6010 1230 434 CA VOA: Eng Willis Conover Show, "Time for Jazz". (Naylor 10/20)
 7165 *1058 222 MA VOA: Eng ID, news. (Zimarowski 10/29) 1445 444 CA (Cleveland)

SARAWAK

4835 1455 443 CA R. Malaysia Kuching: Mal OM with talk. (Cleveland 10/29)
 4950 1149 242 FL RMK: Eng guitar music, ID by OM at 1200, news. (White 10/30)
 0945, 1400+ 332 WCNA RMK: Eng mx, time tones, news, talks, ID's noted in CA by Smith, Leistner, and Cleveland.

SAUDI ARABIA

9730 2150 343 OR BSKSA = Broadcasting Service of the Kingdom of Saudi Arabia
 BSKSA: Arabic mx, YL talk, Qur'an at 2250, 2300*. (Bodell 11/15)
 15080 1236 343 IRE BSKSA: Arabic program of classical music. (Mulcahy 10/23)

SINGAPORE

5010 1345 433 CA R. Singapore: Eng pop music // 5052. (Cleveland 10/21)
 9535 1630* 443 CA RS: Chinese music, OM annts, anthem(?). (Earhart 10/27)
 11940 1510 443 CA RS: English world news by OM, local news, pop music. (Hardester)

SRI LANKA

9720 1440 333 MA SLBC = Sri Lanka Broadcasting Corporation
 SLBC: English news magazine, pop music. (Linda DeVries) also by Rojewski WA (433 1915).
 11800 0100+ 242 USA SLBC: Unusual opening noted in CA by Snyder, in MN by Miklejewski, and in OK by Hauser. Hindi pgm of mx and talks.
 1047 333 FL SLBC: Hindi music, ID, news, and comment. (Smith 10/8)
 1940 222 CA SLBC: English YL news, music, 1955*. (Leistner)

TAIWAN

9510 1228 332 CA BCC: Chinese YL with lively dialogue, Barquisimeto QRM. (Snyder)
 15125 *0100 353 NJ V. of Free China: Chinese IS, anthem, ID, YL/OM talk. (Hambright)
 17890 0200 322 WA VOPC: English news broadcast. (Rojewski 10/25)

THAILAND

4830 1525 343 OR R. Thailand: Thai talk by two OM, laughter. (Bodell 11/14)
 9649 1230 343 CA RT: IS, OM Thai ID, YL Eng ID, into Malay, 1301*. (Snyder 10/26)

TURKEY

6340 1415 333 ITALY Turkish Police Radio: Turkish w/popular local music, annts about Ankara, several ID's, 1500*. (Wooten 10/30)

TURKEY (CONTINUED)

9515 2122-0030* --- USA V. of Turkey: English programming noted by the following deft digitarians: Jernakoff 444 NY, Miklejewski 322 MN, Zilmer 433 WI, Earhart 443 PA, DeVries 422 MA, Rjjewski 444 WA, Van Fossen 434 OH, and Pamularo 444 NJ.

11880 0437 243 OH TRT: Turkish music, announcements by OM. (Dean 11/2)

----- --- USA VOT: The 2200-0030 English beam reported by Zilmer WI, Uerlings OR, Yajko PA, and Miklejewski MN.

UNION OF SOVIET SOCIALIST REPUBLICSArmenian SSR

9735 0323 353 CA R. Yerevan: English commentary. (Ellsworth) Or is this a FE relay?

Asiatic RSFSR

2500 1011 333 JAPAN RM Vladivostok: Japanese YL nx // 12020. 2 X 1250. (Junqua 10/19)

4588v 1310 322 JAPAN Unid Russian w/mx, IS, OM tlc, into Mayak at 1400. (Junqua 10/21)

5945A 1345 433 IRE Magadan(?) w/classical music, Russian annts. (Mulcahy 10/23)

5965 1409 222 IRE Magadan w/light music, heavily distorted. (Mulcahy 10/23)

6070 1850 232 OR Vladivostok: Russian cl choir mx, Mayak IS at 1859. (Jessen 11/11)

6560 1410 --- OK Very distorted Russian talk, possible harmonic (10 X 656 Verkhoyansk) most likely jammer at the Chinese. (Hauser 10/15)

7200 1229 444 CA Yakutsk or Vladivostok w/Mayak Russian, cl mx. (Naylor, Cleveland)

7230 1245 333 CA Krasnoyarsk or Irkutsk: Russian w/instrumental mx, ID. (Naylor)

7275 0600 343 OR Komsomolsk(?): Russian nx after Mayak IS. (Jessen) 0629*, Wilbur?

7310 1302 333 CA Unid site with Russian orchestral music. (Naylor 10/19)

7320 0640 433 OR Magadan with Russian classical music. (Jessen 10/28)

9450 0230 --- OK R. Moscu: Spanish w/special IS, opening for Chile // 9490. (Hauser)

9500 1300 --- OK RM: Vietnamese pgm with QRM from Mayak station. (Hauser 10/19)

9570 1939 233 OK RM: Eng to Africa(?) quoting Pravda editorial, het, hum. (Hauser)

10030 0221 333 JAPAN. RM Vladivostok: Russian w/operatic arias. 2 X 5015. (Junqua)

11690 0323 --- OK R. Yerevan back on seasonal channel w/Eng comment. (Hauser 10/23)

11900 *1329 242 CA R. St. Peace and Progress: Eng IS, ID. (Snyder 11/8)

11940 0531 242 CA RM: Chinese IS, then into talk pgm. (Snyder 10/16)

11960 0315 343 CA RY: English talks, Eastern songs, ID. (Smith 10/22)

14270 0653 333 JAPAN RM: Russian w/cl mx. 2 X 7135. (Junqua 10/12) Novosibirsk??

15095 1748 --- OK RM: Zulu(?) w/distorted sig // 15060, 15130. (Hauser 10/19)

28860 0717 333 JAPAN RM: Russian w/talk // 9640. 3 X 9620. (Junqua 10/12)

Azerbaijan SSR

9840 2156 333 OR Baku w/Russian YL, 2159 musical interlude, 2200*. (Bodell 11/16)

Kazakh SSR

4545 0144 131 OR Alma Ata: Russian w/talk by 2 YL's // 9380. (Bodell 11/17)

6870 1539 332 IRE Alma Ata: Kazakh w/Network 2 programming, commentary. (Mulcahy)

9250 1130 222 FL Alma Ata: Russian piano mx, OM talk, utility QRM. (White 10/14)

*1700 232 IRE RM Alma Ata: Arabic IS, opening following u/lang. (Mulcahy 10/27)

9380 1250 343 MN Alma Ata: Russian OM/YL talk, time tones, 1300 ID. (Miklejewski)

10530 1335 354 KZ Alma Ata: Kazakh w/church like organ music, drama. (Hauser 10/22)

Tadzhik SSR

4635 0110 233 OR Dushanbe with YL/OM talk in Moscow Pgm 2 relay. (Bodell 11/14)

Uzbek SSR

4850 0141 232 OR R. Tashkent: Russian talk by OM/YL. (Bodell 11/17)

6025 1127-1237 332 USA RT: English news, talks, ID's, native music heard by Brooker MI, Leistner CA, Jones MS, and Miller OH.

11925 *1400 322 MN RT: English IS, YL w/ID, sked, news. (Miklejewski 10/18)

VIETNAM

7245 1430 343 CA R. Saigon: Viet singing of pop and martial songs. (Chadbourne)

9621 1540 333 OR RS: Viet talk by YL/OM // 7245. (Bodell 11/6)

10040 1304 211 MN V. of Vietnam: English news, ID at 1315, comments. (Miklejewski)

Also heard in CA by Cleveland and Smith.

YEMEN ARAB REPUBLIC

5805 *0259+ 232 BCNA R. Sana': Arabic opening, Qur'an reading, talks and music noted by Earhart PA, Miller OH, Zimarowski MA.

7300 *0300+ 332 TX-OH RS: Arabic s/on after flute IS, YL singing, tlc. (Laves and Dean)

YEMEN, P. D. R.

5060 0457 242 TX DYBS: Arabic with typical singing. (Laves 11/2)

7190 *0259 333 MA DYBS: Arabic opening with Qur'an reading. (Zimarowski 10/29)

0300 231 CA DYBS: Arabic with Qur'an reading at beginning of xmsn. (Snyder)

0305 333 OH DYBS: Arabic with OM chanting from the Qur'an. (Miller 11/8)

2159* 333 FL DYBS: Arabic closing with Qur'an and anthem. (White 10/24)

I HAVE ONE LINE TO FILL SO I WILL WISH ALL OF YOU A VERY MEANINGFUL CHRISTMAS SEASON - MLH

OCEANIA

AUSTRALIA

- 5995 0955-1251 343 USA R. Australia (L): English "Countdown", news, mx, talks reported by Miller CA, DeVries MA, Brooker MI, and Yajko PA.
 6005 1215 333 CA RA (L): Eng financial news to 1230, ID, "Focus" pgm. (Naylor 10/20)
 6150 0955 434 MA ABC (M): English "Jazz Action" program. (DeVries 10/6)
 7220 1200 333 USA RA (S): Eng pop music, Club Forum, talks noted by Naylor CA, DeVries MA, and Miklejewski MN.
 9580 *1115-1245* 443 USA RA (S): This popular program noted by DeVries MA, Smith FL, and Woltman WI.
 9600 1250 353 PA RA (S): Indonesian(?) w/pop type music, ID, into news. (Earhart)
 9610 1400 432 USA ABC (P): This regional station reached receivers in MA (Zimarowski), CA (Cleveland), and OH (Van Fossen).
 9770 1330 332 USA RA (S): Eng pop music, talks, news, church services logged by Earhart PA, Miklejewski MN, Baron PA, DeVries MA, Rojewski WA.
 11820 2225 533 NJ RA (S): Indo IS to 2230 Eng ID, Indo pgm of pop mx. (Hambricht)
 11825 0714 252 NJ RA (S): Eng to PNG with island music, 0730 mx by YI. (Hambricht)
 11930 2130 422 ECNA RA (S): English news, music, request program heard by Hambricht NJ, Zilmer WI, and Yajko PA.
 15160 0233 222 MN RA (L): Eng news by OM, 0242 "International Report". (Miklejewski)
 0620 333 CO RA (L): English programming. (Harrington 10/23)

NEW CALEDONIA

- 7170 0620-1105* 333 USA R. Noumea: French w/pop music, talk, sports events, news, and Eng lessons (0725) reported by Chadbourn CA, Baron PA, Famularo NJ, Zimarowski MA, Miklejewski MN, Yajko PA, DeVries MA & Smith CA.

NEW ZEALAND

- 6105 0834 333 PA R. New Zealand: English classical music. (Yajko 10/20)
 9520 *0857+ 343 USA RNZ: Eng news, ID's, music noted by Jones MS, Crews FL, DeVries MA and Zimarowski MA.
 9540 0545-0850* 333 USA RNZ: Eng with more of that good programming this time listed by Jones MS, Miller CA, Crews FL, Rojewski WA, Yajko PA, Hauser OK, Jacobson IL, and (two more!) Harrington CO, Hambricht NJ.

PAPUA NEW GUINEA

- 3335T 0720 111 CA R. East Sepik: English w/R & R music, dedications. (Smith 10/20)
 4890 0900 433 USA NBC: English with island music, drama, contest, ID listed by Yajko PA, DeVries MA, and Smith CA.
 9520 0720 454 ECNA NBC: Eng talk, serial story, Pidgin at 0730. (Rojewski and Smith)

SOLOMON ISLANDS

- 5020 1104 211 JAPAN SIBS: Eng news under Nanchang. (Junqua 10/17)
 1125 132 FL SIBS: Pidgin with Polynesian music, OM talk, 1130*. (White 10/16)

TAHITI

- 11825 0311-0610 343 USA R. Tahiti: French and Tahitian with news, talks, and, of course, island music. (Harrington CO, Crable ID, Wirrell MA, Crews FL, Earhart PA, and Cleveland CA)
 15170 1901 221 NJ RT: English ID and news, signal distorted by QRM. (Hambricht 11/3)

CLANDESTINE

- 4114v 1410 443 CA VRPR: Korean OM with talk. (Cleveland 10/22)
 10010 1445 433 CA Liberation Radio: Viet(?) w/choral mx // 7470, YL tlk. (Cleveland)

QUIZ TIME

Can you identify these stations?

- 2380 0930 242 CA Weak audio and possible music. (Hardester 11/8)
 2650 0947 242 CA Weak audio with OM(?) and music(?). (Hardester 11/8)
 3090 1557 333 JAPAN Chinese mx, six slow time tones at 1600. (Junqua 10/24)
 3330A 1600* 222 IRE Subcontinent mx, possibly Hindu talk. (Mulcahy 10/27)
 4694 1509 333 JAPAN U/lang YL w/mx, 1525*. Clandestine? (Junqua 10/30)
 5010.6 0600 141 CA Carrier with possible occasional audio. (Hardester 11/7)
 5925 0432 222 NJ French OM/YL talk, light mx, faded at 0455. (Famularo 11/1)
 9188 1334 --- OK Reduced carrier SSB feeder with French interview about British politics, unfamiliar 11-tone IS to 1401. (Hauser 10/23)
 9960 1325 211 JAPAN Arabic(?) w/Oriental and Western mx, talk, apparent ID at 1400 and into Near East/North Africa type music, CQ QRM. (Junqua 10/23)
 12300A 1305 433 IRE Arabic w/native mx, news of Moroccan troubles. (Mulcahy 10/23)
 12360A 1747 222 IRE Arabic music, QRM de Scheveningen Radio. (Mulcahy 10/27)
 15350 0330 242 OH Unusual IS, into talk and music. (Lovett 11/10)

DATELINE

A/O Kwickie Kwis... Bill Cleveland, Marvin Hammer, and Doug Snyder all came up with the correct answer to last month's KWIZ question. That answer was Singapore. The question for December might prove a bit more interesting. What SWBC transmitter site is located the greatest distance from open sea? (Hint: It's not Ascension Island.)

ISRAEL... IBA has a Russian beam scheduled at 1000-1030 on Saturdays and Sundays only using the 11 meter frequency of 25605. This should be possible on excellent MUF days in the extreme eastern portion of NA, especially towards the end of February. This from Hauser who notes it is the only current use of 11 meters.

RADIO MOSCOW

Through the combined efforts of Wood, Hauser, Wirrell, Harding, Miller (CA), and Romani, we bring you this sked for RM's North American and Pacific Coast Services -

NORTH AMERICAN SERVICE

2300-0030 5940, 7105, 7115, 7150, 7205, 7355, 7400, 7440, 12050, 15140, 15180, 15455, 17720. Note: 7400 - 2330*, 17720 - 0000*. 9800 also used at times.
0100-0200 5940, 6070, 7105, 7115, 7150, 7205, 7355, 7440, 9505, 9530, 9780, 11860, 12050, 15140, 15455. Note: 11860 - *0130, 6070 - *0130, 15455 - 0130*.
0200-0300 5940, 6070, 7105, 7115, 7205, 7260, 7355, 7440, 9610, 9780, 11860, 12050. Note: 9610 - *0230, 12050 - 0230*.
0300-0400 5940, 6070, 7115, 7205, 7355, 7440.
0400-0500 5940, 7115, 7150, 7205, 7355, 7400, 7440.

PACIFIC COAST SERVICE

0330-0530 7170, 7180, 7260, 7300, 9540, 9580, 9610, 9735, 9780, 11690, 15140. Note: 7300 - *0430, 9780 - 0400*.
0530-0730 7115, 7150, 7170, 7260, 7300, 9530, 9540, 9580, 9735. Note: 7150 - *0600.

AUSTRALIA-NEW ZEALAND SERVICE (via Harding)

0800-1000 9780, 11690, 15130.

MERRY CHRISTMAS!



GREAT BRITAIN SERVICE (via Hauser)

1130-1230 31, 25, 19 meter bands.
1900-1930, 2000-2030, 2100-2230 49 and 41 meters including 6175 and 7360. Also on 201 meters from 2100-2200 and 227 and 201 meters from 2200-2230.

We can't promise you the accuracy of this sked and hope you will use it as a guide. Don't be surprised if everything is changed by the time you get this issue.

Richard Wood notes that the beam on 6070, at least from 0200-0300 is being relayed by Sofia, Bulgaria. I wonder how Moscow puts the site as on their QSL card.

NEW CALEDONIA... Bodell notes Radio Noumea has English lessons for school children every Wednesday from 0700-0730 on 3355, 7170, 11710.

TUVALU... The Ellice Islands, hitherto a part of the Gilbert and Ellice Islands colony, will form a separate colony under the name of Tuvalu effective January 1, 1976. No name for the remainder of the islands (Gilbert, Phoenix, and Line Islands) has yet been selected. The Gilbert and Ellice Islands Broadcasting Service is, at present, headquartered on Tarawa, Gilbert Islands; a new broadcasting organization for Tuvalu can be expected. This report via Richard Wood.

LAOS... From BBCMS comes this sked for the regional services now operating in Laos.

Vientiane - 0500-0615, 1000-1430, 2230-0230 on 1030, 6130, 7145. Prgms in Lao and French.
"Central Regional Radio" - 0500-0700, 1100-1400, 2300-0200 on 1210 and 7385.
Relays Pathet Lao Radio at 1100 and 2300.
Luang Prabang - 0355-0630, 1030-1430, 2300-0200 on 570, 6980 or 6987, 8170 or 8400.
Relays Pathet Lao Radio at 0430, tribal languages at 1330 and 0400.

PAKISTAN... Radio Japan's DX News aired this winter English sked for Radio Pakistan - 0500-0815 to India, Gulf Region, Mideast, Africa - 11885, 15115, 15225, 15520, 17665, 17830 0830-1100 to United Kingdom - 15110, 17665 1215-1617 to Gulf Region and Mideast - 9460, 11885, 17665 1915-2145 to United Kingdom - 6235, 7085 2345-0045 to South East Asia - 7080, 9460, 11885.
Slow speed English news is read at 0230-0245 to the Far East on 17830, 21590; 0430-0445 to East Africa on 11885, 15325, 17830; 1100-1115 to Western Europe on 15110 and 17665, and at 1530-1545 to the Mideast on 9690 and 11885.

A Swahili (0300-0345) and Arabic (0345-0430) transmission to East Africa is beamed on 11885, 15325, and 17830. (via Bodell)

PORTLAND, OREGON... Bob and I would like to thank the 53 reporters that added to this month and especially to first timers Bob Beaudoine, Vera Crable, Rob Harrington, Dennis Dean, Tom Lawson, Jeff Van Possen, and Frank Wolman. As for me, I think I will shuffle along for an additional two pages (if my fingers will last), so for Bob, 73's and best of DX. *MEL*

WORLD SERVICE STATION SKEDS

EMISSIONS

PROGRAMMI

TRASMISSIONI

BULLETIN DE PROGRAMMES

Editor:

PROGRAMS

ENGLISH SERVICE

MEL HICKMAN
7409 S.E. 82nd
PORTLAND, OR 97266

SERVIZIO

PROGRAMME SCHEDULE

Deadline: 15th

COMUNICATI NEL CORSO

I have received a positive reaction to the listing of English skeds in the manner of the last two months and, so, I will continue to list them in checklist fashion. Any sked that does not appear this month is the same as published last month.

CURRENT ENGLISH SCHEDULES TO NORTH AMERICA

COUNTRY	STATION	TIMES (GMT)	FREQUENCIES	REPORTERS
Australia	R. Australia	0100-0300 1115-1245	15320 (Shep 100kw), 17795 (Shep 50kw) 9580 (Shep 50kw)	Bodell
Austria	ORF	0130-0200 0330-0400 0430-0500	6155, 9770 6155, 9770 6015	DuRant
Belgium	RTE-BRT	0040-0100 2215-2315	6080, 9730 9755, 11855	Yajko, DuRant
Bulgaria	R. Sofia	0000-0100 0400-0430	9700 9700	Bixby
China, P.R.	R. Peking	0000-0100 0100-0200 0200-0300 0300-0400 0300-0500 WCNA 1200-1300	9940, 11675, 11945, 15060 7060, 7120T, 9780T, 9940, 11675, 11945, Brick 12055, 15060 7060, 9940, 11675, 12055, 15060 7120T, 9780T 9460, 11650, 12055, 15060 11685	Bernstein, Kubinsky McIntosh, Wood
China, Rep. of	VOFC	0200-0350	5980, 7130, 11825, 11860, 15125, 15345, 15370, 17720, 17890	Bixby Harding
Cuba	RHC	0100-0450 0450-0600 0330-0600 0600-0830 2050-2150	11725, 11835, and/or 11930 11725 and/or 11835 11760 9525 11855 and/or 11870, 17750	Cleveland, MLH
Ecuador	HCJB	0100-0500 0500-0700 1215-1230 1230-1630	6095, 9560, 11915 6095, 9560 11745 11745, 15115	Brick, Wood
German Demo Rep	RBI	0100-0145 0230-0315 0330-0415	9730 9730 5955, 6080, 9730	Talbot, Harding
Germany, Fed Rep	DW	0130-0150 0530-0550	6010, 6040, 6100, 9565, 9745, 11865 6100, 6185, 9545	DuRant
Hungary	R. Budapest	0200-0230 Tu-Su 0300-0330 0400-0415 W, Sa	6000, 7220, 9585, 9833, 11910, 15220, 17710 Same as above. Same as above.	Bixby
Israel	IBA	0500-0515 1200-1230 2000-2055	5900, 5950, 7395, 7412.5 11655, 12025, 15100, 17815 5900, 7395, 7412.5, 9815, 11642.5	HQS
Japan	R. Japan	0130-0230 2345-0045	15195, 15420, 17725, 17825 11705, 15300	DuRant, Wood
Lebanon	R. Lebanon	0230-0300	9545	Wood
Philippines	VOP	1357-1654	9580 (Sundays - 1554*)	Jones
South Africa	R. RSA	2226-2320	9515/9525, 11900, 11970, 15155	Wood, DuRant, Talbot
Spain	RNE	0100-0400	6065, 11880	HQS
Sweden	R. Sweden	0230-0300 1230-1300 1400-1430 2300-2330	6045, 9695 9605, 15305, 21690 9765, 11735, 15305 6035, 6045, 9605	DuRant, Shinn, Winslow, HQS
Switzerland	SBC	0145-0215 0430-0500 1315-1345	5965, 6135, 9725, 11715 6045, 9725 15140	Mullen
Vatican State	Vatican R.	0100-0115	5995, 6165, 9605	Bernstein

BELGIUM: Other RTB-BRT beams to NA include: Portuguese on Mondays and Thursdays at 2330-2345 on 6080 and 9730. Spanish follows at 2345-2400. On Friday and Saturday, the entire beam is in French. Additional French beams are at 2235-2255 on 9755 and 11855, and at 0020-0040 on 6080 and 9730. Finally, International Sunday, a program of all languages is at 2330-0000 on 6080 and 9730. (DuRant)

BULGARIA: R. Sofia has additional NA beams:
Bulgarian - 2300-2325 41, 31, 25 meters
2330-2400 31
0030-0130 41, 25
0100-0130 31

English to E/Afr is at 1905-1930 on 17825 and 15310, and to W/Afr at 2105-2130 on 17825 and 25 and 31 meters. (Bixby)

CHILE: The Voice of Chile, operating on 6190, 9565, 11810, and 15150, has English at 1215, 1330, 1450, 0010, 0130, 0250, and 0410 (BECMS)

CHINA, P.R.: On 9/20, PLA Fukien was divided into two networks -
Network One (Standard Chinese)
2485 1000-2400, 3000 1000-2315, 3535 and 3640
1150-2240, 4045 1000-0530, 5330 1000-0020,
5240 and 5265 1000-1157 and 2240-0530, 5900
2315-0530, 6765 0001-0530, 7850 0030-0530.
Network Two (Amoy and Standard Chinese)
Amoy, 0230-0745 and 0900-1902, Chinese
at 0745-0900.

2430 1159-1902, 2600, 3300, and 3900 at 1000-1902, 3200, 3400, and 4140 at 0920-1902, 4380 and 4840 0230-1902, 5170 0230-1127, 6000, 6400, 7025, and 7960 at 0230-1000, 5770, 7280, and 8195 at 0230-0930. (BECMS)

Great Britain: The BBC will broadcast special programs on Christmas Eve, Christmas Day, and Boxers Day (12/26). A message from the Queen will be aired Christmas day at 0930 and at 1500. (Wilson)

IRAN: The Voice of Iran has these external transmissions -

Arabic	1830-1900	9022
English	2000-2030	9022
French	1930-2000	9022
German	1900-1930	9022
Russian	1730-1800	9022
Turkish	1800-1830	9022
Persian	2030-0230	9022, 15084

(Yajko, Wirrell)

KOREA, REP OF: KBS has added to programmes to its external services - Indonesian at 0001-0015 and Arabic at 1645-1700, both on 9640 and 11850. (BECMS)

KUWAIT: R. Kuwait sent Talbot this sked:
English 0800-1100 1133, 15345 E/S Asia
2000-0200 1133, 9555, 11940 Eurasia
Urdu 1800-2000 1133, 9555 E/S Asia

MONACO: TWR has daily English beams at 2130-2200 and 2300-2300 on 1466 khz. A M-F beam is at 0725-0855 on 41 meters. (DuRant)

NORWAY: The BECMS lists two internal SWBC transmissions from NRK -
Domestic services are beamed on 7240 weekdays from 0500-2305. (Sun *0600, Sat 2400*)
External Norwegian services are relayed on 5965 at 0730-0830, 1100-1230, 1700-1830.

(BECMS items are copyrighted. Used by permission)

PORTUGAL: Domestic services of Emissora Nacional are carried from Lisbon on 11925 at 0700-2300 (Sat 2400) with 10 kw and from Sao Gabriel on 11875 at 0700-1800 and 1900-2030 (SSB feeder) with 100 kw. (BECMS)

SAUDI ARABIA: From Jack Jones comes this sked for BSKSA:
Arabic "Common Program" from Riyadh -
Beamed 295 degrees -
0500-0830 6085, 0830-1600 9745
1600-2300 6130

Beamed 280 degrees -
0500-0800 9745 0800-1530 17755
1530-1900 11780 1900-2300 9730

Beamed 235 degrees -
0500-0815 7250 0815-1545 11800
1545-2300 7190

Non-directional -
0900-0730 and 1000-2300
6000, 7220, 9720, 11950

Holy Qur'an from Riyadh -
1400-1600 (80°) and 1600-1800 (275°)
both on 21595.

International Service from Jeddah -
0300-0830 Arabic 9670 ND
0500-0600 Turkish 11685 337°
0600-0800 French 11855 233°
1000-2300 Arabic 9670 ND
1000-1300 English 11855 233°
1300-1400 Indonesian 15115 105°
1400-1500 Urdu 15115 83°
1500-1600 Farsi 15115 55°
1600-1700 Swahili 11855 233°
1700-2000 English 11855 233°
2000-2200 French 11855 233°

SPAIN: RNE has Spanish programs to the NA area at these times -
0100-0500 6120, 9630, 11775
1315-1500 15130, 17805
2200-2400 9630, 11880 (HQS)

SWITZERLAND: SBC has additional Eng beams at these hours -

Asia and Oceania - 0700-0730, 0900-0930 -
9590, 11775, 11840, and 15305. 1315-1345 -
9735, 11745, 11870, 15430
Middle East - 1530-1600 - 9590, 11870,
15305, and 17830

Africa - 1100-1130 - 15140, 15430, 17830,
21520. 1530-1600 - Same as above. 2100-
2130 - 9535, 9590, 11720, 11870.

The 0700, 1100, 1315, 1530, and 2100 beams are relayed to Europe on 3985, 6165, and 9535 as are 15 minute music programs at 0645, 1300, 1515, and 1800. (Mullen)

USSR: The 2200-2300 Ukrainian program for NA from R. Kiev is currently being heard on 4860, 5905, 7100, 9520, 11735, and 12000 according to the BECMS.

If this appears rushed, you're right. I'm off to my former stomping grounds of Walla Walla, Wash for the weekend and, that, combined with excellent cooperation (HI!) from my 3½ year old daughter has caused me to run a bit behind. I wonder what she did with my shoelaces? Anyway, let me wish all of you Merry Christmas and HNY. 73's, MEV

QSL REPORTS



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

Verified countries -- 176

Deadline: 15th of month

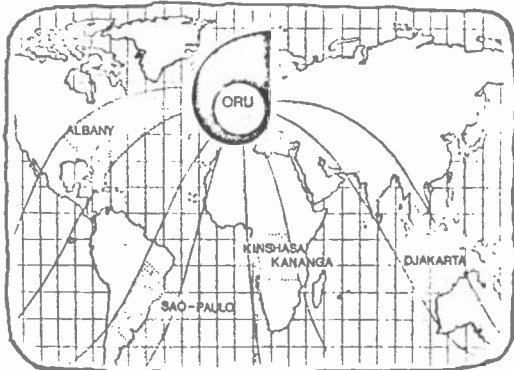
Cast your eyes over the total for the year. Pretty good, huh! The 1973 total was 163 and the 1974 total was 164, so we've exceeded last year by a good, round dozen. And, I might add, you avid DXers have spoiled my plans for the lead paragraph this month, which was to have been on the countries not reported during the year. For what it is worth, here are a few that escaped for one reason or another--too hard to hear, don't QSL as a station policy, internal problems, civil strife, or ??? Sicily (RAI, Caltanissetta), Cape Verde Islands, Congo (People's Republic), French Morocco, Equatorial Guinea, Lesotho, Libya, Uganda, Zaire, Khmer Rep., Laos, Maldives, Mongolia, Timor, Azad Kashmir, Cook Islands, Nicaragua, French Guyana. Many of the above have been reported, frequently or infrequently, in previous years; others have not been reported in the last three years. In this issue Bob Wickett took Mauritiu's off my list.

As I celebrate my first birthday on this job, let me once again express my thanks to those who have supported this column through the past twelve months. After all, it is your reports that make it all possible. And to Bruce Baron, Barry Harding, Alan Mayer, Tom Smith, Glenn Thompson, and Bob Yajko a special thanks. For faithfully reporting every month during 1975 you are hereby elected as involuntary members of my "Faithful Twelve" club--no officers, no meetings, no constitution, no by-laws. (I'll decide on dues about April 15, hi!). Let's see if we can quadruple the membership for 1976.

EUROPE

AUSTRIA: ORF, 9270, f/d cd w/color photo of Innsbruck in 38d air for 1 IRC (POAGE KY)
BELGIUM: ORU, 6080, date/fqy world map cd (see below) in 40d air for no rp (DuRANT MD), same in 50d for no rp (REDMAN IL), same in 50d for 1 IRC (KUMMER KY); 9755, same cd in 42d for 2 IRCs (VOGEL PA), in 45d for 1 IRC (POAGE KY), in 54d for no rp (JONES MS)

Contributed
by
Henry DuRant



GEORGE



STATION ORU

belgian radio and television, overseas service

BULGARIA: R. Sofia, 9200, f/d "Climent of Ohrid University of Sofia" cd in 68d for 2 IRCs, same in 71d for 1 IRC, same in 99d for no rp by (QUINN NY)(BIXBY CA)(SMITH FL) respectively, all + program sked.

CZECHOSLOVAKIA: R. Prague, 5930, f/d "Karlovy Vary Spa" cd in 50d air, no rp (FLEMING NY) 7345, f/d "Javorova Valley" cd in 38d air, no rp (MARTI CA), "Karlovy Vary Spa" cd in 32d air, no rp (SMITH FL); 9540, "Hradcany Castle" cd, 3 mo air, no rp (WOOTEN SARD), "old town square" cd in 40d air, no rp (SMITH FL); 9630, cd w/a town's main street in 42d air, 2 IRCs (VOGEL PA); 11855, "Snow Mountain" cd in 35d air, no rp (SMITH FL); 11990, "St. Barbara's Church" cd in 34d air, no rp (SMITH FL); 5930, 7345, 11990, f/d cd, no desc., in 45d air for no rp (BROOKER MI)

FINLAND: R. Finland, 15185, f/d "Autumn in Finland" cd in 10-15d air for no rp by (MAHONEY IN)(REDMAN IL)(WILSON IL)(WINSLOW WI)

FRANCE: R. France International, 11745, f/d blue/red/green cd w/TDF logo in 24d air for 1 IRC (VOGEL PA); 11920, same cd in 10d, no rp (WOOTEN SARD); 15200, same in 65d, no rp (KUMMER KY), no time (JONES MS); 15210, same in 67d for 2 IRCs (YAJKO PA); 15300, f/d "Dipl6me" for correct answer to contest on "Paris Calling Africa", 90d air (WILSON IL); 15200/15300, f/d blue cd w/logo in 6 wks, no rp (MUCIA NY); 17720, f/d TDF logo cd in 49d air for 2 IRCs (KERRIGAN IL)

GERMANY (Democratic Republic): RBI, 11840, f/d cd of shipyard in Rostock, in 108d for 1 IRC, v/s Rudi Friedel, + apologies for delay (CLEVELAND CA), f/d blue/red refinery cd in 125d air for 2 IRCs (TALBOT WI), f/d cd of "old car w/castle background" in 5 mo air for no rp + apologies for delay (URAGUCHI CA)

GERMANY (Federal Republic): Deutsche Welle, 3995, f/d multi colored logo cd in 90d air for no rp (SMITH FL); 6010, same cd in 82d air for 2 IRCs (HOFFMAN PA); 6040, same cd in 120d air for 2 IRCs (JERNAKOFF NY); 6100, same cd in 92d sfc, no rp (BETHGE MO); 6145, same cd in 90d air for 1 IRC, GG rpt (MARTI CA); 6180, same cd in 76d, no rp (BERNSTEIN GA); 9545, same in 92d for 1 IRC (DAY CA); 9765, same in 32d for 1 IRC (DAY CA); no fcy cited, same cd in 51d, no rp (SMITH FL); 4 fqys, rural scene and snow scene cds for monitor rpts (SCANNELL MA)

GREAT BRITAIN: BBC, 7185, f/d "World Radio Club DX Award QSL" in 60d, v/s Austen Karby (BODELL OR); 9510, usual Thames cd in 43d for 1 IRC (PEARSON PA) VOA, 7200, U.S. Capitol cd in 8d (ROJEWSKI WA)

HOLLAND: R. Nederland, 17700, f/d cd, 4th in series of prints of 17th century Amsterdam, in 6 wks for no rp (MUCIA NY); 17810, f/d cd w/pix of Tom Meyer, Gertie and Helma, in 40d air, no rp (SMITH FL); various fqys for monitoring, in 10d, "Town Hall in Holland", shopping mall, windmill, lumber mill, moat w/logs (SCANNELL MA), sawmill (WILSON IL)

HUNGARY: R. Budapest, 7220, f/d cd w/"fisherman's bastion w/statue of St. Stephen" in 53d sfc, no rp (SMITH FL); 9833, f/d cd "Matthias Church/Trinity Column" + 15 slides in 6 wks, no rp (MUCIA NY), f/d cd w/drawing of large building in 37d air for 2 IRCs, (VOGEL PA), f/d blue palace cd + history of R. Budapest, copy of "Budapest International" in 60d air for 1 IRC, v/s Mari Soter (BIXBY CA), f/d blue/white cathedral cd in 49d sfc for no rp (QUINN NY), "Hotel Budapest" cd in 43d air, no rp (VAN FOSSEN OH), f/d blue cd w/house in 40d (SCANNELL MA); 11910, f/d blue cd w/drawing of castle in 67d sfc + pennant for 2 IRCs (HOFFMAN PA), f/d orange/white cd w/large building in 70d air for 2 IRCs, (HARDING CA)

ITALY: RAI, 9575, f/d Tiepolo painting cd in 91d sfc for 2 IRCs (QUINN NY); 11810, f/d cd of painting by Tiepolo "Rachele Scappiagli idoli" in 92d air for 1 IRC (THOMPSON NM)

LUXEMBOURG: R. Luxembourg, 6090, f/d blue/white xmtr antennas and coat of arms cd, in 59d sfc for 1 IRC (McINTOSH PA)

MALTA: Adventist World R., 9755, f/d cd w/various photos in 17d air for 1 IRC (FLEMING NY) Deutsche Welle Relay, 6100, f/d multicolored circle cd in 80d air for 2 IRCs (HARDING CA) 11865, DW symbol, w/Malta stamped on back, f/d in 1 mo, no rp (URAGUCHI CA)

IBRA Radio, 9755, f/d yellow map cd in 23d air form no rp (DuRANT MD), same in 30d for no rp (FLEMING NY)(TALBOT WI). Reports to (and from) Box 396, S-10125, Stockholm, Sweden.

Xandir Malta, 9755, f/d form ltr w/wrong fcy + tour booklet in 25d air for 1 IRC (see copy next page) (FLEMING NY) (Kevin say DW seems to be occupying this fcy now, so perhaps the fcy has been moved up to 9775 as indicated in his ltr and in the next rpt. bc) 9775, same ltr in 24d air for 1 IRC (HOFFMAN PA)

MONACO: TWR, 7105, f/d b/w bldg cd + sked in 14d for 1 IRC, v/s S.H. (BARON PA)

NORWAY: R. Norway, 9645, f/d cd "Hjelle Stryn i Nordfjord" in 44d air, no rp (BERNSTEIN GA); 15170, same in 50d air, no rp (JONES MS); 17795, same in 28d, no rp (WILSON IL), same in 52d, no rp (SMITH FL)

POLAND: R. Poland, 7285, f/d red/white map cd in 26d air, 2 IRCs (JERNAKOFF NY); 11815, f/d cd w/shipbuilding design in 31d air, no rp (DAY CA)

PORTUGAL: Adventist World R., 9670, orange photo cd in 30d air for 1 IRC (rpt to Paris address, reply from Portugal)(BROOKS CT)

R. Free Europe, 7165/7190, f/d blue/white liberty bell cds in 9 & 13d, no rp (BARON PA) 17725/17735/17770, date/fcy blue/white RFE cd in 9d air, no rp (BROOKER MI)

R. Portugal, 6025, f/d sailing ship cd in 2 wks, no rp (URAGUCHI CA), same in 4 mo air for 1 IRC (WOOTEN SARD)

ROMANIA: R. Bucharest, 5990, f/d b/w cd "winter in nts" in 120d air for 1 IRC (WIRRELL MA) 9570, f/d cd "Distaffs from Apuseni Mountains" in 77d air for 1 IRC (WHITE FL); 11940; f/d b/w cd of Poiana Brasov spa in 85d, no rp (MAHONEY IN)

R. Espana Independiente (Clandestine), 12140, f/d cd w/outline of Spain and Picasso painting in 63d for 2 IRCs (BARON PA)

SPAIN: RNE, 11775, f/d antenna cd in 3 mo, no rp + pennant (URAGUCHI CA); 11925, same cd in 43d for 2 IRCs (ROMANI MI)

SWEDEN: R. Sweden, 9605, f/d yellow/blue map cd in 10d air, no rp (DuRANT MD), same in 8d air for no rp (QUINN NY); 9695, same in 75d sfc, no rp (WILSON IL); 11205, same cd in 83d air for 1 IRC (YAJKO PA)

Office of the Board
1 Ponder Place
St. Andrew's Road
St. Julian's, Malta
Telephone 38220/38229
Telegrams Triemalla
Telex MV320

XANDIR MALTA
TV and Sound Broadcasting Division

Radio Corporation

Please reply to
St. Luke Road
Gwardamanga
P.O. Box 82, Malta
Telephone 25051
Telegrams Xandir

VA/OM/47

3rd October 1975.

Kevin Fleming
245 Charles Avenue
Staten Island, N.Y. 10302
U. S. A.

Dear Sir/Madam,

This is to confirm and thank you for the reception report we received on our transmission of "Malta Calling", on 9775KHz 34 metres broadcast on the short wave on
..20th September 1975..... at 2045 G.M.T.

Broadcasting Malta also operates three separate stations on 998KHz and 755 KHz in the medium wave and 89.7 mHz in the V.H.F. band.

Hoping you will continue to enjoy our programmes, we are enclosing a brochure with information on the Maltese Islands.

Kindest regards.

Victor Aquilina
Head of Radio Programmes.

SWITZERLAND: SBC, 6135, "Church of Tegna" cd in 3 mo air, no rp (WOOTEN SARD), f/d cd "Carnival in Basle" in 75d air, no rp (WILSON IL); 9535, f/d "Church of Tegna" cd in 34d air for 2 IRCs (VOGEL PA); 9725, same cd in 40d for 1 IRC (MARTI CA); 11715, "Jet d'eau" cd in 43d for 1 IRC (DAY CA); 15140, "Carnival of Basle" cd in 62d, no rp (SMITH FL); "Palace of Nations in Geneva" cd in 52d sfc, no rp (SMITH FL) v/s J.A. Chisholm for all. ICRC, 7210, f/d microphone cd w/Red Cross in 20d air for 1 IRC (WIRRELL MA)

USSR:

RSFSR (European): R. Moscow (sites as indicated), 7250 (Tula), 7290 (Moscow), 9530 (Moscow), 9650, 9680, 11850 (Kazan), 12020 (Armavir), 12050, f/d cds, no rp, air return in 17-105d. "Grand Kremlin Palace" cd (DEAN OH)(PEARSON PA)(SMITH FL)(VAN FOSSEN OH); "Moscow State University" cd (HARDING CA)(ROMANI MI)(SMITH FL)(WIRRELL MA); "Lenin Central Stadium" cd (SMITH FL); "View of Kremlin and Moskva River" cd (SCANNELL MA) Radiostantsiya Rodina, 11920, f/d R. Moscow cd in 48d air w/veri in RR/EE (FAMULARO NJ) R. Station Peace and Progress, 15200/15210, f/d blue and green cds w/Peace and Progress seal in 72d sfc, no rp (McINTOSH PA)

Ukrainian SSR: R. Kiev, 17900, f/d blue/white/red circle cd in 78d air (HARDING CA) R. Moscow, 9700 (Nikolayev), 11900 (Lvov), 12070 (Kiev). "Flags of the Republics" cd in 32d (SMITH FL), "Moscow State University" cd in 30d (DAY CA), "Sputnik Memorial" cd in 83d (SMITH FL)

VATICAN CITY STATE: Vatican R., 5995, f/d cd of Vatican radio station garden in 26d air, no rp (JACOBSON IL); 9605, f/d cd w/ceiling of Sistine Chapel in 35d air, no rp (POAGE); 9625, f/d garden cd in 48d, 1 IRC (ROJEWski WA); 9645, same in 48d, 1 IRC (YAJKO PA)

YUGOSLAVIA: R. Belgrade, 9620, b/w foto folder cd in 55d air for MS + sked (BROOKS CT)

AFRICA

ALGERIA: Rdif. TV Algerienne, 15160, cd w/fqy/time/mo/yr but no date, in 115d for MS (SMITH TN)

CANARY ISLANDS: RNE, 11800, date/fqy antenna farm cd in 78d, 2 IRCs (BEAUDOIN CT)

EGYPT: R. Cairo, 9475, f/d street scene cd in 113d, no rp (PEARSON PA), 1st serial, 1st scene cd in 5 wks, no rp (VOCKEROTH PA), Nile sailboat cd in 106d, no rp (JACOBSON IL) f/d cd in 4 mo, 1 IRC (URAGUCHI CA)

ETHIOPIA: ETIF, 11945, f/d blue insignia cd in 118d sfc for 2 IRCs, v/s Eliane Mbodwam (THOMPSON NM); 15250, same cd in 33d air for 3 IRCs (WHITE FL)

GHANA: GBC, 21545, usual f/d cd in 343d for 1 IRC (SMITH FL)

IVORY COAST: Rdif. TV Ivoirienne, 11920, f/d ltr (out of cds) in 22d air, ?IRCs (WHITE FL)

LIBERIA: ELWA, 11950, f/d native drummer cd in 170d sfc for 2 IRCs (SANSERINO CA), same in 248d air for MS, + stn info (WHITE FL)
VOA, 17870, Capitol cd in 5d (WHITE FL)

MALAGASY (Republic): R. Nederland Relay, 9585, "Mint Tower" cd, 3 mo sfc (WOOTTEN SARD); 11730, f/d "Happy Stn" staff photo cd in 49d air (TALBOT WI)

MAURITANIA: Rdif. Nat. de Mauritanie, 4845, date/time map cd in 222d air for 1 IRC, FF rpt (WICKETT MD); 4850, same in 199d sfc for 3 IRCs, FF rpt (SNYDER CA), same in 215d air for registered FF rpt, tape and 3 IRCs (WASHBURN ME). OK fellows--"the book" says 4845 kHz--who's correct? bc

MAURITIUS: MBC, 9710, date only colored striped cd in 224d air for 2 IRCs, 3 wks after f/up with 3 more IRCs; 1st rpt registered (WICKETT MD)

MOROCCO: VOA, 7190, Kennedy Library cd in 5d (WIRRELL MA); 15205, Capitol cd in 8d + fqy sked (ROJEWSKI WA); 15270, JFK Center cd in 8d (MAHONEY IN)

NIGERIA: V. of Nigeria, 7275, f/d green/white flag cd w/DX written on cd, in ??d for 1IRC (returned) (VAN FOSSEN OH), f/d "Eko Bridge, Lagos" cd in 26d sfc, no rp (TALBOT WI)

NBC (Sokoto), 6195, date only ltr in 23d for 2 IRCs, EE rpt (MAHONEY IN)

RHODESIA: RBC, 3396, f/d antelope cd in 63d air for 3 IRCs (BIXBY CA)

RWANDA: Deutsche Welle Relay, 7225, f/d map cd in 75d for no rp (BEAUDOIN CT), same in 80d for 2 IRCs (TALBOT WI), same in 95d for 2 IRCs (SANSERINO CA)

Rdif. de la Republique Rwandaise, 6055, no data b/w thank you cd w/text in EE/FF + sked in 81d air for 1 IRC and FF rpt (after umpteenth try) (MAYER IL)

SEYCHELLES: FEBA, 15325, f/d blue/orange map cd in 18d air for 3 IRCs (TALBOT WI), same in 19d air for 3 IRCs (ROJEWSKI WA) v/s Mary Bemy for both

SOMALIA: R. Mogadishu, 9585, f/d form ltr in 31d for 1 IRC (BARON PA)

SOUTH AFRICA: RSA, 5980, 7270, 9515, 9525, 9585, 9695, 11900, 21535, f/d cds in 14-24d for no rp. "Beach blooms at Blouberg" (THOMPSON NM)(DURANT MD)(BROOKS CT)(SMITH FL) (PEARSON PA), "Johannesburg at night" (MAHONEY IN), "Nyala Ram" (FLEMING NY), "Cullinan Diamond" (VOCKEROTH PA), "Elephants" (DURANT MD), "Flamingoes" (VAN FOSSEN OH), no desc. (WILSON IL)

SABC, 3250, f/d industries cd in 24d for 1 IRC (DEVRIES MA); 4810, same in 19d for 2 IRC (THOMPSON NM), same in 4 mo, no rp (URAGUCHI CA)

UPPER VOLTA: Rdif. TV Voltaique, 4815, date/time FF form ltr in 69d sfc for 3 IRCs, FF rpt (SNYDER CA)

ASIA

AFGHANISTAN: R. Afghanistan, 15195, white/green/black/red "Buddha and Map" cd in 90d air for 2 IRCs (BROOKS CT) Sounds good, huh! Alan reports this is on his 4th try, w/7 rpts and many f/ups, total of 4 IRCs, 4 sets of MS and 1149d from 1st rpt. See next page.

CHINA (People's Republic): R. Peking, 9780, date/fqy "Red Flag Canal" cds in 14-27d air (BERNSTEIN GA)(MAHONEY IN)(QUINN NY)(SMITH FL); 11720, date/fqy folder w/Chinese figures listening to radio, 16d (SMITH FL); 11945, date/fqy pic of steel mill, 24d (SMITH FL); 15060, "Carrying pack for aunt" cd + swimming medal (??? -- it's a long swim from here) (FAMJLARO NJ); 15385, f/d pc w/photos + porcelain lapel pin, 22d (LEISTNER'S CA)

CHINA (Republic): BCC, 15245, f/d cd w/painting of 2 blue jays, 42d air for 1 IRC (MARTI)

CYPRUS: BBC, 11835, f/d cd "World Radio Club DX Award QSL" in 60d air (BODELL OR)

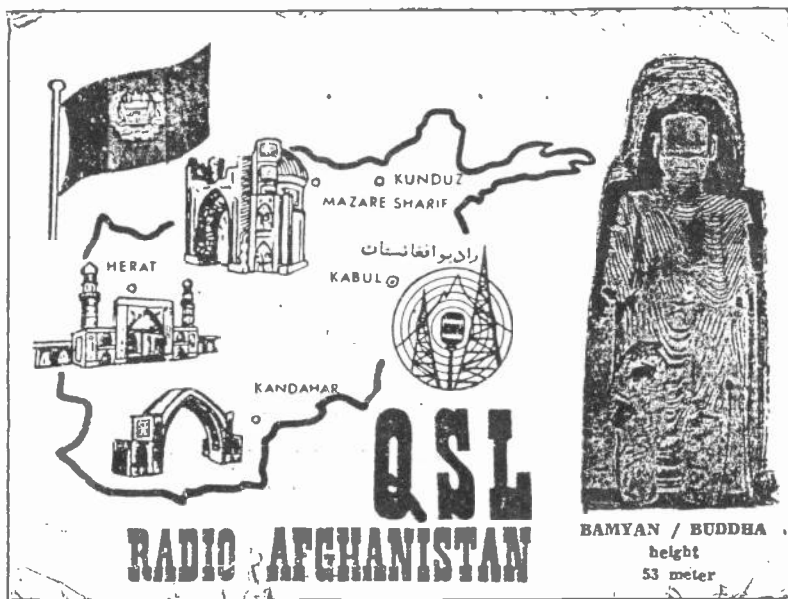
INDIA: AIR, 11810, f/d cd "Radha & Krishna from the Gita Govinda ????" in 201d air for MS (WHITE FL)

INDONESIA: RKPd Kota Madya Surabaya ("R. Gelora Surabaya"), 3165, f/d II ltr of verification + stn data sheet (claim 3164.77 kHz, 500 watt output) in 60d air for 3 IRCs, Indo rpt (CLEVELAND CA)

RI Pontianak, 3965, f/d friendly ltr of confirmation in EE w/pwr, area covered, bdst times, 22d air for MS, II rpt and cassette, v/s Cornell R.H. Tobing (CLEVELAND CA)

RI Ujung Pandang, 4719, date/fqy cd of studio bldg + ltr in 21d air for II rpt and MS (STRAUMANIS IL), same in 23d air for EE/Indo rpt, 3 IRCs (BIXBY CA) v/s for both rpts was Slamet Poedjono, Director

RI Yogyakarta, 5047, f/d plain white cd w/station seal on front, veri in EE + Indo note apologizing for delay on back, 90d air for MS (used) and Indo rpt, v/s Roekmi Sutadi (CLEVELAND CA)



Thanks to
good ol'
Alan
Brooks,
who
proved
that
persistence
eventually
pays off

IRAN: V. of Iran, 9022, f/d cd "Abadan TV station" in 26d air for 1 IRC (DeVRIES MA), same w/wrong date in 25d for 2 IRCs (YAJKO PA), same + pennant in 23d for 1 IRC (WIRRELL) "Shiraz TV bldg" w/wrong fqy and time in 28d for 2 IRCs (BIXBY CA)

ISRAEL: IBA, 7395, f/d "Western Wall" cd in 48d air, no rp (SMITH FL), "Knesseth Menorah" cd in 55d, no rp (SMITH FL); 9815, "Western Wall" cd in 36d, no rp (TALBOT WI); 12025, "Western Wall" cd in 41d for 1 IRC (PEARSON PA), "Knesseth Menorah" cd in 35d for 2 IRCs (THOMPSON NM); 15485, "Western Wall" cds in 41 & 47d for 1 IRC (KUMMER KY)(DAY CA), "Menorah" cd in 3 mo air for 2 IRCs (WOOTTEN SARD); 17690, "Western Wall" cd in 41d for no rp (SMITH FL)

JAPAN: NHK, 7285, 15105, 15195, 15270, 15300, 15420, f/d cds. "Tachibina dolls" (DAY CA) (DURANT MD)(MAHONEY IN)(MARTI CA)(JERNAKOFF NY)(THOMPSON NM)(WIRRELL MA)(WILSON IL) (VOGEL PA)(YAJKO PA), photo cd of station employees (BEAUDOIN CT), "Yokozuna" cd (VOCKEROTH PA), "Snow huts in Kamakura" cd (SCANELL MA), "Kamakura Festival" (YAJKO PA) Time of return 9-30d for no rp

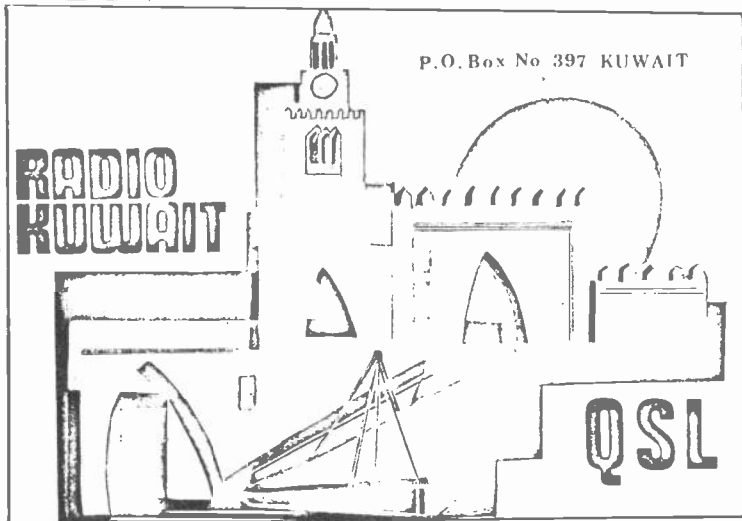
VOA Okinawa, 7165, Kennedy Center cd in 5d (BEAUDOIN CT)

JORDAN: R. Jordan, 9560, f/d cd w/pic of Roman amphitheatre in 16d air for 1 IRC, v/s Khalil Alshubaky (DeVRIES MA)

KUWAIT: R. Kuwait, 11940, f/d folder cd in 44-79d air for 1 IRC (HOFFMAN PA)(TALBOT WI) (WHITE FL)

Thanks to
Larry
Talbot
for
the
copy

Merry
Christmas
to
All!



MALAYSIA: BBC Far Eastern Relay, 7180, f/d "World Radio Club DX Award QSL", 60d (BODELL)
 R. Malaysia, 9665, f/d folder cd w/studio photo, 50d air for 2 IRCs (MAHONEY IN)
PHILIPPINES: FEBC, 11855, f/d "Philippine Village" cd in 46d air for 3 IRCs (QUINN NY),
 same in 101d sfc for 1 IRC (SMITH FL)
 VOP, 9580, date/fqy cd + form ltr & questionnaire, 34d air, no rp (JONES MS)
RHODES: VOA, 7110, Kennedy Center cd in 5d (BEAUDOIN CT)
SAUDI ARABIA: BSKS, 15205, f/d cd + ltr sent reg. mail in 77d for 1 IRC, v/s S. Fayoumie
 (JONES MS)
TURKEY: V. of Turkey, 9515, f/d cd "Keloğlan--a bald hero" in 32d for 1 IRC (WIRRELL MA)
 (POAGE KY), same in 28d for 2 IRCs (JERNAKOFF NY), "cartoon" cd in 36d for 2 IRCs
 (HOFFMAN PA), date/fqy "Turkish Folk Hero" cd in 37d, no rp (DeVRIES MA); 9575, "Kelo-
 ğlan" cd in 23d, no rp (VAN FOSSEN OH); 11880, "Keloğlan" cd in 27d, no rp (BODELL OR);
 15165, date/fqy "Turkish Folk Hero" cd in 19d, no rp (DeVRIES MA)
USSR:
Kirghiz SSR: R. Moscow, 17785 (Frunze), f/d cd "View of Kremlin from Moskva River" in
 46d (WHITE FL)
RSFSR (Asiatic): R. Moscow, 7100 (Sverdlovsk), 12020 (Vladivostok), 15210 (Petropav-
 lovsk-Kamchatsky), 17720 (Petropavlovsk-Kamchatsky), f/d cds, "Grand Kremlin Palace" in
 33d (TALBOT WI), "View of Kremlin from Moskva River" in 31d (SMITH FL), "Lenin Central
 Stadium" in 31d (HARDING CA), "Moscow State University" in 24d (MERCADO CA), "Sputnik
 Memorial" in 29d (SMITH FL), "River view" in 2 wks (URAGUCHI CA)
VIETNAM (Democratic Republic): V. of Vietnam, 15012, f/d white cd in 160d air for 2 IRCs
 (ROJEWSKI WA)

OCEANIA

AUSTRALIA: R. Australia (f/d cds, v/s Peter Homfray), 5995, 9515, 9580, 11765, 11840,
 15160, 15320, 17795. 10-19d air for 1-2 IRCs, 70-194d sfc for no rp. "San Michele
 Sheep Station" (MILLER CA)(WILSON IL)(SCANNELL MA)(HARDING CA)(MARTI CA)(TRZASKUS IL),
 "Primrose orchid" (MILLER CA)(WILSON IL)(DAY CA)(BROOKER MI)(MARTI CA), "Kookaburra
 bird" (MILLER CA)(YAJKO PA)(WILSON IL), "Kangaroo" (WOOTTEN SARD)(MAYER IL), "Historical
 Park" (WOOTTEN SARD), "Stanley Chasm" (WILSON IL)(SMITH FL)(BROOKER MI), "Nocturnal
 Sugar Glider" (SMITH FL)(SCANNELL MA), "Aboriginal Cave Painting" (SMITH FL)(SCANNELL MA)
 (THOMPSON NM)(TRZASKUS IL), "Koala" (MAYER IL), ltr from Keith Glover (WILSON IL)
 ABC Perth, 9610, f/d map cd in 34d air, no rp (DeVRIES MA)
NEW CALEDONIA: R. Noumea, 7170, f/d map cd in 24d air for 2 IRCs (BARON PA), same in 54d
 date/time only, 3 IRCs, EE/FF rpt (BIXBY CA), date/time, same cd in 64d for 1 IRC, EE
 rpt (STRAUMANIS IL)
NEW ZEALAND: RNZ, 6105, "Soccer Game" cd in 27d air for 2 IRCs (CLARK UT); 9540, f/d cd
 w/photo of Wellington in 33d for 2 IRCs (BEAUDOIN CT), f/d farm scene cd in 33d for 1
 IRC (JACOBSON IL), "modern buildings on lake front" cd in 29d, no rp (FAMULARO NJ);
 15110, "South Island Mountain scene" in 28d, no rp (MAHONEY IN)
PAPUA NEW GUINEA: R. Gulf District, 3245, f/d ltr in 32d air for 1 IRC, v/s R. Karahare
 (MAYER IL)
 NBC, 4890, f/d form ltr, v/s Carolus Ketsimur, in 90d sfc for 2 IRCs (TALBOT WI), 97d
 air for 2 IRCs (THOMPSON NM), 104d for 2 IRCs (BEAUDOIN CT), 410d sfc for MS (SMITH TN);
 9520, f/d form ltr in 109d sfc for 2 IRCs (ROJEWSKI WA)
SOLOMON ISLANDS: SIBS, f/d map cd w/power in 16d air for 2 IRCs (BIXBY CA)
TAHITI: R. Tahiti, 15170, f/d "Thumbs up" cartoon cd in 58d for 1 IRC (MAHONEY IN), same
 for 2 IRCs (BROOKER MI), same in 3 mo, no rp cited (URAGUCHI CA). All rpts in EE.

S. AMERICA

BRAZIL: R. Nacional de Brasilia, 11780, lt. blue map cd + sked and used Brazilian stamps
 in 21d air for no rp and EE rpt (BROOKS CT)
CHILE: R. Universidad de Concepción, 6135, no data cd + EE form ltr in 43d air for 1 IRC
 and EE rpt. Also sent pennant. v/s Carlos Bodoy Rocca (JONES MS) See next page.
ECUADOR: HCJB, 5970, 6075, 9560, 11745, 11915, 15115, 15300, 17715, 17730. 12-108d for
 MS or IRCs; 17-60d for no rp; all indicated air xpt 108d QSL. "Woodcarving in Ecuador
 #1" (WHITE FL)(ROMANI MI)(VAN FOSSEN OH), "Wood carving in Ecuador #2" WOOTTEN SARD)
 (MERCADO CA), "Woodcarving in Ecuador #3" (HARDING CA)(SMITH FL)(MARTI CA)(THOMPSON NM)
 (YAJKO PA)(POAGE KY)(DURANT MD)(FLEMING NY)(DAY CA)(ROMANI MI)(MILLER CA)(VAN FOSSEN OH),
 "Stereo control room" (SMITH FL), "El Altar" mountain (MAHONEY IN), "Ensemble in World
 Radio Chapel" (VOCKEROTH PA)(SMITH FL), "35th anniversary QSL series III -- Radio Circle"
 (YAJKO PA), "35th anniversary QSL series IV -- Antennas" (YAJKO PA), "Iguana" w/HCJB
 1972 (MILLER CA), green insignia cd (THOMPSON NM)(DURANT MD), "Woodcarving" (no #)
 (BROOKER MI), "Woodcarving--Indian family (MARTI CA) Looks like they're cleaning out
 the files. bc
VENEZUELA: R. Dif. Venezuela, 4890, no data DJ cd in SS, 28d air for 1 IRC, EE/SS rpt
 (BIXBY CA)
 R. Juventud, 4900, date/fqy cd of teenagers dancing, 29d air for 1 IRC and EE/SS rpt
 (BIXBY CA)

Flattery is the art of telling another person exactly what he thinks of himself.

QSL

Nº 166

Fecha: CONCEPCION, CHILE, Setiembre, 1975.-

Thanks to
Jack
Jones

Confirmamos su amable reportaje y tenemos el agrado de saludar a Ud. muy atentamente con nuestros más cordiales 73's y QRV.

Firma

N. AMERICA

CANADA: BBC, 6175, usual Thames cd in 30d air (MILLER CA); 15365, f/d "World Radio Club DX Award QSL" in 60d (BODELL OR)
CBC Northern Service, 5960, f/d Eskimo sculpture cd in 24d sfc, no rp (QUINN NY); 9625, same in 56d, no rp (MARTI CA)
RCI, 15425, f/d map cd in 30d, no rp v/s Brian Townsley (VOCKEROTH PA)
CHNX Halifax, 6080, plain white cd + ltr from chief engineer confirming operation on 6080 for a limited inadvertent period as "we goofed and had trouble! We are back on the tracks now and mean to stay there." 10d for SASE (BROOKS CT); 6130, date/fqy cd in 6d, no rp v/s Mrs. Judy Carruthers (WASHEURN ME), same in 8d (QUINN NY)
CKZU Vancouver, 6160, date/fqy cd w/picture of new CBC regional bdcst center, 14d air for MS, v/s F.H. Bucher (MAYER IL)

DOMINICAN REPUBLIC: R. Mil, 4930 (4940 claimed), yellow/blue/red stripe cd w/map in corner, 56d air for 2 IRCs (BARON PA) (I hear 'em on 4930 too. bc); 4940, f/d yellow antenna cd w/R. Mil logo in 16d air for 2 IRCs, EE/SS rpt (BIXBY CA), same cd in 239d air for MS and EE rpt (YAJKO PA)
RTV Dominicana, 9505, f/d SS ltr + sked in 33d for 2 IRCs and SS rpt, v/s R.A. Font Bernard (BEAUDOIN CT), same in 20d for MS (WHITE FL), same in 21d for no rp and SPEEDX rpt form (REDMAN IL)

GUATEMALA: La Voz de Nahualá, 3360, f/d plain yellow cd in 99d for 1 IRC, SS rpt (SMITH) R. Mam, 4825, f/d SS ltr + pennant in 60d air, no rp, SPEEDX rpt form, v/s H. Teresa Herrera (REDMAN IL)

HAITI: R. St. 4VEH, 9720, f/d cd of woman in front of 4VEH bldg, 82-87d for 2 IRCs (BEAUDOIN CT)(ROMANI MI)

HONDURAS: LV Evangelica, 4820, map cd, some f/d, some date or date/fqy only in 30d for 1 IRC (BARON PA), 95d for 2 IRCs (BEAUDOIN CT), 235d, no rp (ROBINSON AL), 284d (56d after f/up), 3 IRCs (LEISTNER'S CA), 143d, 1 IRC and SS rpt (SMITH FL), 17d, 1 IRC, EE rpt (DeVRIES MA), 164d, 1 IRC (BIXBY CA), 11 mo, 2 IRCs (THOMPSON NM), 22d + pennant for 3 IRCs (WIRRELL MA)

NETHERLANDS ANTILLES: R. Nederland, 6000, 6020, 6165, 9715, various cds (I'm squeezing) by (SCANNELL MA)(KERRIGAN IL)(SMITH FL)(WILSON IL)(MILLER CA)(VOCKEROTH PA)(DAY CA) (VAN FOSSEN OH)(WOOTTEN SARD)
TWR, 11815, f/d flamingo cds (DURANT MD)(VAN FOSSEN OH)(BIXBY CA), antenna cd (QUINN NY)

TURKS AND CAICOS ISLANDS: VS18, 4788, no data form ltr, 8 mo sfc for MS (WOOTTEN SARD)

UNITED STATES: UN Radio, 15235/17410, f/d blue/white cd w/UN Radio in 5 languages, no rp (MERCADO CA)(JACOBSON IL)
+ AFRTS from MARTI CA; WINB from DeVRIES MA; and VOA from QUINN NY. WHEW!!!
Out of space. Last months sign was YORUBÁ, thanks to Nigerian student Gholahan Sarumi, and said "Do your Christmas shopping early". What else? No sign this month xcept one in EE from me "Merry Christmas and a Happy New Year". 73's, B.!! 11/16/75

Tips and Topics

The Feature Section of SPEEDX

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

It is that time again to bring you a list of DX programs heard around the shortwave dial by Joseph Smith. I hope this list will be a great help to all of you during these winter months.

Australia

from DXer's and club magazines. Compiled by the Australian Radio DX Club. No music or technical advice.

SUN: 1200-1210	9580	NA	English
MON: 0215-0220	15320/17795	NA	English

DXer's Calling 100% DX tips and news on up-to-date SWBC. Also DX reports

Belgium

magazine news. No music or technical advice. The program is on every second and fourth week.

MON: 2255-2315	9755/11855	NA	English
TUE: 0040-0100	6080/9730	NA	English

DX Corner Belgium 100% DX tips from DXer's. Club news, pirate news, club

Bulgaria

news). ARRL contest news and some amateur news.

SAT: 0015-0025	9700	NA	English
SAT: 0415-0425	9700	NA	English

Radio Sofia Bulgaria Calling 70% DX Tips from Bulgarian DXer's (old DX

Czechoslovakia

Some DX news and some music in each program.

PRO: 0140-0150	5970/7345/9540	NA	English
FRI: 0340-0350	9630/9740/11990		

Radio Prague Monitor Club 95% technical news mostly on amateur bands.

Ecuador

news from DXer's and club magazines. and listener's letters. Talks on religion and one music number.

TUE: 0230-0300	6095/9560/11915	NA	English
THU: 0230-0300	6035/9560/11915	NA	English
SUN: 0230-0300	6095/9560/11915	NA	English

HCJB-DX Party Line Three different shows each week. 30% DX tips and

Finland

stations each week. Some BCB news, station IDs, and some music.

TUE: 1413-1428	15185	NA	English
WED: 0313-0328	9720	NA	English

FINN DX 50% DX tips and talks on the SWL hobby. Talks on different SWBC

Great Britain

contests. 2% DX tips from the BBC Monitoring Service and weekly propagation reports.

WED: 1330-1345	15070	NA	English
WED: 2315-2330	5975/6175/7345/9510 9580/9915/11750/15260	NA	English
FRI: 2100-2115	11750/11260	NA	English

BBC World Radio Club 90% technical news, technical mailbag, and some

Holland

Club news and a HAP report every third week. 30% technical advice and a technical mailbag. Four music numbers each program.

THU: 2145-2220	9715/11730	NA	English
FRI: 0215-0250	6165	NA	English
FRI: 0501-0536	6165/9715	NA	English

Radio Nederland DX Juke Box DX tips from four parts of the world.

Hungary

Calling DXer's and Radio Amateurs

NOTE: Check the last 5 minutes of the English transmission every day for DX tips from DXer's in the USSR. In some weeks there is some amateur news.

WED: 0400-0415	6000/6115/9833/9585	NA	English
	11910/15220/17710		

Israel

Calling All Listener's Five minutes

of DX news at 2045 on the IBA and SWBC.

Other part of the program is devoted to music and listeners letters about Israel and the IBA.

SAT: 2035-2050	5900/7395/7412/9009/9815	NA	English
----------------	--------------------------	----	---------

Japan

Tokyo Calling 20% DX tips mostly from Japanese DXer's. Some SWBC news and

schedules. Lots of music and no technical advice.

SUN: 1010-1030	5990/15195/15310	NA	English
SUN: 1410-1430	5990/9585/11815	NA	English
SUN: 2310-2330	9585/15105/15195	NA	English
MCN: 0015-0035	11705/15300	NA	English
MON: 0200-0220	15195/15420/17725/17825	NA	English

Netherlands Antillies

TWR Bonaire-DX Special 95% DX tips from DXer's and club bulletins.

Club news and ID quizzes. Religious talk and some music. No technical advice.

SAT: 1207-1222	11815	NA	English
THU: 0045-0100	11925	NA	English

Romania

Radio Bucharest DX Club 90% technical news and 10% DX tips and news from some listener's letters.

Romania. Lots of amateur news and			
THU 0215-0228	5990/6150/6190		
& and	9570/9690	NA	English
SAT 0415-0428	11780/11940		

South Africa

RSA DX Corner Two shows a week.

The Wednesday show is for beginners

and the Saturday show is for the more advanced DX'ers. 90% technical advice and technical mailbag. 10% DX tips of African SWBC stations.

WED			
&	2307-2315	9525/11900/11970/15155	NA English
SAT			

Switzerland

SBC-Swiss Shortwave Merry-Go-Round

99% technical news and mailbag.

Mostly amateur news with information on clubs. ID recordings on Ham and SWL bands. Monthly propagation condition report. The program is on every 2nd and 4th week.

SAT: 1320-1340	15140	NA	English
SUN: 0150-0210	5965/6135/9725/11715	NA	English
SUN: 0435-0455	6045/9725	NA	English

Sweden

Radio Sweden Calling DXer's 100%

DX tips from DXer's. Club news,

pirate news, and unid news.

TUE: 1248-1258	15305	NA	English
TUE: 1418-1428	15305	NA	English
TUE: 2318-1328	6035/6045/9605	NA	English
WED: 0248-0258	6035/6045/9605	NA	English

Turkey

Voice of Turkey DX program 100%

DX news and QSL information only

on Turkish broadcasts. Check Monday thru Friday at 2230 for DX information.

SAT: 2215-2235	9515/11880	NA	English
----------------	------------	----	---------

USSR

Radio Kiev DX Program Mostly DX and ham news from the USSR. Some letters

with some music. The program is broadcast the second Monday of each month.

TUE: 0043-0046	6020/ 7150/7205/9780/12050 15140/15180/15455	NA	English
TUE: 0313-0326	5980/6020/7245/7260 7400/9580/9780/11860	NA	English

USSR DX Program of Radio Moscow Mostly
amateur news of the USSR. 90% technical
news and technical mailbag.

THU: 2315-2320	(5940/7105/7115/7150/7355	NA	English
FRI: 0015-0020	(7400/7440/12050/ 15140/15180/15455		
FRI: 0315-0325	5940/6070/7115/7205/7355/7440	NA	English

This list of DX programs to North America has its times and dates in GMT and its frequencies in kHz. Transmissions, frequencies, and programs are subject to change due to weather conditions and interference.

. SWL - LISTENING FOR THE SAKE OF LISTENING

By Bob Wilson

There is a wide open field of education--the self type--to be had in shortwave listening. Most peoples interest could be satisfied in the variety of subjects offered by following just one large broadcaster--the BBC. For example, last September, the following subjects were featured in their monthly magazine "London Calling:"

- An in-depth science series featured about 100 leading scientists from around the world. They talked about their latest research; it's impact on mankind and future prospects.
- For those with radio history interests, there was a program on the uses of the transistor and just what intergrated circuits have done for thousands of people.
- A program on time in which the question was asked: What is it? Also a look into the many ways to measure it.
- The BBC broadcasts each month many quiz programs. One program offers top "brains" answering very difficult questions.
- Lastly, in a much broader vain, there is music from the heaviest to the Nashville sound. They also have music request programs in which you or BBC personalities select the tunes.

These are among the many kinds of programming to be heard on shortwave. Just listen for a few nights and expand your knowledge. Always good for some comments in a "conversation corner."

THE TRANSMITTING STATION OF RADIO RSA

The Hendrik Verwoerd Shortwave Transmitting Station is situated on a 1,250 acre site some 40 miles south of Johannesburg. It was officially opened in October 1965, by the late Prime Minister of South Africa, Dr. H. F. Verwoerd, and since May 1966, has been beaming the programs of Radio RSA, the Voice of South Africa, to Africa, Europe, Canada, and the United States. Meanwhile the Service has been expanded and they now have transmissions in English, German, Dutch, French, and Portuguese beamed to Europe, while broadcasts to Australasia have also been introduced.

Four Brown Boveri 250 kw transmitters are used, and it is possible to couple these to any of the 28 aerial arrays by pressing a single switch on a desk in the control room. A master desk controls all aerial selection, slewing and reversing. This desk also has pre-selection facilities so that a transmitter in operation may be pre-set to select automatically, in a few seconds, a new frequency and aerial with its appropriate slewing.

The aerial arrays are made up of two driven curtains, a quarter of a wave-length apart, consisting of 5 or 7 stacks of 4 half-wave dipole elements in a chain. The dipole elements and open-wire feeders are made of 0.5 inch copper tubing. About 40 miles of tubing are now in use.

The aerial arrays have three general directions:

1. The African and European array centered at 7.5 degrees which with slewing, serves East and North Africa and Europe.
2. The West African aeriels centered at 340 degrees which, with slewing, covers West Africa, Spain, Portugal and Great Britain.
3. The North American array at 305 degrees which, with slewing, covers Australia and New Zealand.

The transmitters incorporate the vapodyne system of cooling which utilizes the latent heat of steam in order to obtain more efficient cooling. This vapodyne system requires only a small amount of distilled water, and there is no need for old-fashioned water pumps.

The steam is condensed on the mezzanine floor of the building by heat exchangers and returns to the valve anodes as hot water; it is then once again circulated in the closed cooling system.

From the top of the transmitter cabinets, the radio feeds go by way of the dummy load cross-bar switches in ducts down two vertical shafts which connect up with two tunnels of 8 feet square section, and then to the round feeder switch house. This unique system of an underground route for the ducted feeders was decided upon because of the large surface areas, which would have presented a hazard in strong gusts of wind in the case of overhead ducted feeders.

The radio feeds enter the feeder switch house along four horizontal rows of switches and these feeds are switched vertically and leave from the top of the building to the appropriate overhead feeder and accompanying aeriels. It is hoped that this system will cause minimum interference for the listener.

This information is from Radio RSA.

SOMETHING TO TRY FOR

The Stora Tuna DX-Klubb in Sweden now has available "The Broadcasting World Award." This award is based on the different zones into which the world has been divided by the ITU. This award can be applied for by all DX'ers who have verifications from broadcasting stations in a minimum of 25 of these ITU zones. Stickers for 30, 35, 40, 45, 50, 55, and 60 zones can also be applied for. All verifications must be dated after November 7, 1971. All bands from 0.5 to 30 Mhz can be used, and all loggings must have been made within the same country.

The application for this award, showing, in the following order: ZONE, COUNTRY, STATION, FREQUENCY, and DATE OF VERIFICATION; must be checked and signed by (2) two other DX'ers. The STDXX reserves the right to ask to see any particular verification it would like to check. The verifications will be returned as soon as it has been checked.

The basic award, for 25 zones, cost one (1) dollar US currency, 5 Swedish Crowns, or 7 IRC's. Stickers for the higher number of zones cost 2 IRC's each. The application for this award, together with appropriate fee, should be sent to:

STDXX Awards - P.O. Box 174 - S-780 24 - Idkerberget - Sweden.

An ITU zone list is also available from the above address for 3 IRC's.

(Gary Froemming sent in this article which appeared in the Spring 1975 bulletin of the RCSWC.)

Old man winter is arriving this month. Hence, seasons greetings. Merry Christmas and Happy Hanukkah to all my Jewish friends. Light the tree and light the lamp. I remain, Best Wishes & 73's, *Arthur* Arthur



HALLO FRIENDS

DEUTSCHE WELLE — THE VOICE OF GERMANY

DW-RELAY STATION MALTA

The new Deutsche Welle relay station on the island of Malta is principally intended for the coverage of the countries surrounding the Mediterranean, and for the Middle East. It is from here that DW transmissions are being relayed on medium wave and on shortwave to cover neighboring areas, as well as distant areas such as Central America, South America and East Asia, during the time that they are not being used for transmissions to the Mediterranean area.

Malta is the biggest of the Maltesian islands with a surface area of 245 sq. km. Other islands belonging to this group are Gozo, Comino and Cominotto, making up together a total population of more than 300,000 inhabitants. The native tongue, Maltese, is the official language. It originated from the Semitic and has developed into an individual, new language, having undergone the influence of Arabic, Greek and Italian. English is the second official language and is spoken by nearly all inhabitants.

The relay station of Deutsche Welle lies on a small peninsula in the Southeast of Malta called Cyclops. The area of the site amounts to 14,2 ha with a width of 230 m on the average, and a length of 620 m. The condition for the selection of a suitable estate was an unbuilt area, the perimeter of which enabled an undisturbed radiation.

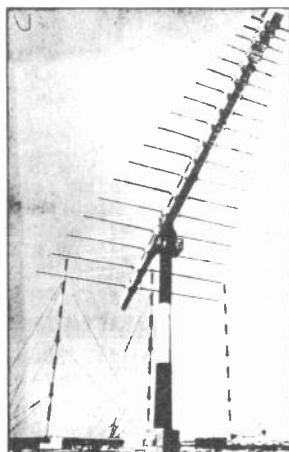
Extensive work was necessary for the construction of the relay station, consisting of the transmitter building with the technical installations and an office wing, the antenna control house as well as the antenna system connected with it, and a transformer station. For the antenna system alone, enormous efforts were put into the transforming of the land and into the construction of the foundation. For the transmission on medium wave, a three-mast antenna system was constructed, with which the desired radiation quality is achieved by arranging them in a particular order. The stayed masts are 100 m high and, as they serve as radiators, each one stands on an insulator. Unlike the shortwave transmitters, the 600 kw medium wave transmitter is locked on the three-mast antenna system. The staying of the masts was carried out by means of parafil ropes, that is to say with synthetic fibre ropes with polyvinylchloride (PVC) coating.

For the shortwave coverage of large distances, dipole curtain antennae are used. These are directional antennas, consisting of a row of single dipoles arranged to lie on top and next to each other in a vertical line. From this arrangement originated the visual term 'curtain'. As resonance antennae, they can only be used for a limited frequency range of up to four consecutive shortwave broadcast bands at the most. These modern four-band antennae can at present only be found in our new relay station Malta.

Three towers made of steel grating and about 100 m high, were erected at equal distances in a row, and were connected to each other in their axis by vertical reflector nets. These reflector nets consist of many wires arranged in a horizontal line, one closely above the other, in the middle of two curtain antennae, which have a distance of about half a wave length from each other. By the arrangement of the reflector nets, it is possible to cover two opposing target areas with programmes at the same time. In addition, the reflector net effects a decoupling of the two antennae and assures a sufficient reflection of the radiation for both antennae. The curtain antennae can be squinted by $\pm 15^\circ$, $\pm 30^\circ$ in their main direction of beam. In this way, it is possible to cover by turns, different, azimuthally related target areas with the same antenna and with the same focusing intensity.

Deutsche Welle (cont)....For the coverage of the closer surroundings and the areas of a medium distance, two band quadrant antennae were erected. With its good omni-directional characteristic, this antenna belongs to the group of V-antennae, and represents a full-wave dipole, the halves of which consist of multiple wire cages and form a right angle with each other in a horizontal line. By the correct choice of the distance between the vertically radiating full-wave dipole and the earth, an even field strength coverage can be achieved for the closer target areas and for those of a medium distance. The antenna is carried by three steel grated masts.

The coverage of target areas of a medium distance is obtained by the use of a rotatable log-periodic antenna (LP-antenna), which exhibits a horizontal polarization. Its special advantages are the favourable antenna effectivity and its broad-band, which make it possible to employ the LP-antenna for the whole shortwave range (6-26 MHz). The rotatable arrangement allows the adjustment of any angle of radiation (azimuth), and thus the antenna can always be directed towards the particular target area that is to be covered. The shape of this antenna is similar to a trapeze parted in the middle. Each one of these parts composes an element of the antenna and consists of many dipoles, the geometrical measurements of which increase or decrease periodically according to a constant and determined ratio. For each particular transmitting frequency that is being used, the dipoles concerned are energized electrically, so that the dipoles immediately in front of behind them serve as reflectors or as directors.



Weight of the LP-antenna	16.4 tn
Height of the LP-antenna	23.4 meters
Length of the rectangular antenna boom	39.6 meters
Maximum width of span of the longest dipole	26.1 meters
Maximum diameter of the mast	1.6 meters

All shortwave antennae are connected with an antenna selector system, so that a switch-over of the three 250 kw shortwave transmitters onto the different antennae permits a maximum exchangeability. The HF-power for the curtain, and for the quadrant-antennae, passes through coaxial lines, which carry out a symmetrization of the voltage and an adjustment to the desired characteristic impedance. Using symmetrical antenna feeder lines, the HF-power is lead over the phase-shifter to the feed-in points of the antenna.

The high current consumption of the whole transmitting station required the construction of a transformer plant, in order to avoid an overburdening of the local current supply network.

The receiving station belonging to the transmitting complex is situated roughly 8 km to the West. Here the necessary equipment was installed in an already existing building, after some alterations had been made on it, in a district called Nigret.

The transmissions from Germany are being received by a double-rhombic-antenna (width 100 m, length 170 m), erected on the DW site. In addition, a vertically polarized, general purpose antenna is available. The relaying of programmes from the Federal Republic of Germany to Malta, is either effected by means of the shortwave transmitters that are regularly used for the programmes, or by the SSB transmitters of the Federal Post Office. The programmes are then relayed by directional radio from the receiving station Nigret to the transmitter modulation in Cyclops.

A teleprinter service is equally ready for use, in order to transmit internal messages daily from Malta to Cologne.

UTILITY REPORT

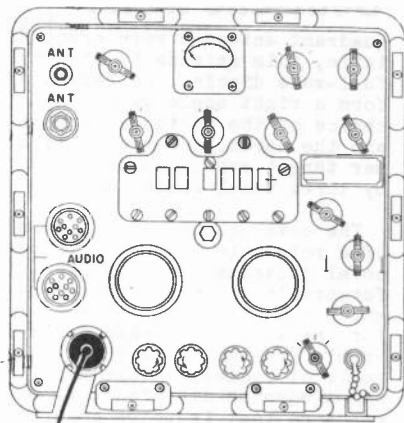


REMEMBER, SEND ALL MATERIAL FOR UTILITY SECTION TO CLUB HQS FOR JANUARY ISSUE. KEN COMPTON IS UNDERGOING HEART SURGERY AND WE WISH HIM THE BEST. HQS WILL TRY TO FILL IN FOR HIM TEMPORARILY.

SURPLUS GEAR

the R-392

by Ralph Sanserino



A little something from the service manual for the reader to digest. The R392/URR is a high performance, compact, rugged receiver designed primarily for Army vehicular use. The receiver is immersion-proof and is sufficiently rugged to withstand parachute delivery when mounted in a $\frac{1}{4}$ -ton, 4x4 truck prepared for parachute drop, or in a standard type of U.S. Army parachute delivery container, as you can see its rather sturdy.

TECHNICAL CHARACTERISTICS....

TYPE OF CIRCUIT...Triple conversion superheterodyne on eight lowest frequency bands, double conversion on all other bands.

FREQUENCY RANGE...500 kc to 32 mc in 32 bands of 1 mc each except for 1st band, which covers 500 kc to 1 mc.

TYPE OF SIGNALS RECEIVED...A1-cw, A2-mcw, A3-voice, F1-freq shift keying.

NUMBER OF TUBES...25.

INTERMEDIATE FREQUENCIES...First variable IF 9 to 18 mc. Second variable IF 2.5 to 2 mc on .5 to 1 mc band, 3 to 2 mc on all other bands. Third IF 455 kc fixed.

SELECTIVITY...8, 4, and 2 kc bandwidths nominal.

TYPE OF TUNING...Continuous; frequency read directly on countertype frequency indicator.

METHOD OF CALIBRATION...Built-in 100 kc crystal calibrator.

SENSITIVITY...500 kc to 1 mc = 9-uv or better. 1 to 2 mc = 7-uv or better. 2 to 32 mc = 5-uv or better, for 10-milliwatts output with a 10 to 1 signal-plus-noise to noise ratio.

POWER INPUT...28 volts at 3 amps.DC.

This receiver has been noted on the surplus market for 120 to 200 dollars depending on condition, in almost any condition this receiver is a good buy. After using the 392 for almost a year now, I find it to be an excellent DX machine. Operation is easily mastered and maintenance should be of no problem to most if the maintenance manual is purchased with the receiver and followed to the letter. The receiver works fine on short-wave with either a vertical or random length longwire. For broadcast band DX I would use a un-amplified box loop, if an amplified loop is used be sure to watch for front end overloading, with 2 RF Amps the front end is fairly hot. The 392 has good selectivity, sensitivity and the frequency readout is excellent. If you decide to buy this fine piece of DX gear, be sure to get a maintenance manual, LS-166/U speaker and power plug to fit the 392s power input jack, a 5 amp 28 volt DC power supply does the job nicely. If you are in the market for a receiver don't overlook surplus, R388s, R390s, R390As, R392s all very good DX machines.....Good DX.

Ads for these receivers have been seen in 73, CQ, S9, QST and Ham Trader.

Comunidad de Misioneras Sociales de la Iglesia

Emisora Católica Cultural

ROCAFUERTE No. 11-43
TELÉFONO 426

APARTADO 222
LOJA - ECUADOR S. A.

"LUZ Y VIDA"

NOTICIOSA - DEPORTIVA - MUSICAL - 4.825 KC. 63 METROS - 1.450 KC. 200 METROS

by SIMO S. SOININEN

"THIS IS RADIO LIGHT AND LIFE CALLING....." This announcement in English by David Mawby with James Last's arrangement of Lehar's "That Is Life for Me" can be heard, if you tune in to the frequency of 4826 kHz.

The station in question is a tiny cultural and religious broadcaster in the south of Ecuador, namely RADIO LUZ Y VIDA, Emisora Católica Cultural, which at the moment without doubt is the most DX-minded station in that South American republic. This station was earlier audible on 4823 kHz, where now the Bolivian station Radio Grigotá is rather common. After changing the crystal, the frequency was to be 4825, but in fact turned out to be 4826, or 4826.5 to be precise. As many DXers know, technical things are not the best side of the Ecuadorian stations.

Radio Luz y Vida is usually audible during the spring & fall conditions after 0400 GMT, when the Peruvian station La Voz de la Selva, Iquitos, has signed off. Here in Finland, the channel 4825 is rather blocked because of interference from Russian, Brazilian, & Dominican stations. Therefore the drift of 1 kHz is beneficial, if you have a receiver with a passband filter or narrower channel.

HISTORY

In 1967, a religious organization "Comunidad de Misioneras Sociales de la Iglesia" bought Ondas Lojanas, a little station in Loja, Southern Ecuador, and commenced cultural & religious broadcasting in this town, where there are also some other, mainly commercial stations, such as Radio Centinela del Sur on 5020 kHz, Radio Nacional Progreso now on "around" 5060 kHz and Radio Ondas del Zamora on 4857 kHz. Aside from the last, all of these stations are fairly easy catches in Finland.

Broadcasting is not the only activity of "Misioneras Sociales de la Iglesia". It runs a medical center, called Dispensario Médico de San Martín de Porros, giving free medical treatment to poor people. This organization also promotes cooperation evangelization and improves social environment of peasant women.

PROGRAMS

During the weekdays the daily work begins at 0500 local time with a special program for farmers, "Alborada para ti campesino", and continues with a church service from the church of Santo Domingo. Then follows a program with folklore music and news from an agency in Guayaquil. At 0700 Radio Luz y Vida brings local news under the title "Informativo local de HC3LV" followed by relays from Radio Quito and other networks as well as the VOA at 0750. Morning programming continues with Ecuadorian melodies, programs for women, radio novels, informative and topical programs. The afternoon service begins with "Discomundo" for young people and contains in the first place light music programs like "Boleros para el recuerdo" and "Música tropical" and radio novels.

The evening begins with "Antena cultural Luz y Vida" and "Panorama informativo a las 8". At 2030 you can enjoy Ecuadorian "pasillos", followed by a religious program for the entire family. The program we DXers usually tune in is "Comunicados y saludos musicales" at 2100, which usually lasts past the local midnight (0500 GMT).

In this program you can at times hear special features for us DXers; for example I tuned into this program one day a year or so ago when a special program was broadcast for Arctic Radio Club with Swedish folk songs and beautiful Ecuadorian tunes.

The most usual type Ecuadorian music is pasillo (a special program is broadcast by this station at 2030 local time) which is sad and sounds very bright. Together with this type of music you can usually hear words (PTO)

(cont)...like "triste" and "tristeza", meaning "sad" and "sadness". Pasa-calle is quite the opposite; a happy melody with the word "alegria" (joy) mentioned often. Fox incaico is a bright melody and sanjuanito a jumping light melody with plenty of romanticism, whereas danzante is a sad and folklore type tune. By the way, a few years ago I received an LP record entitled "Desde la mitad del Mundo" from Radio Popular Independiente and this has been of great value when reporting to Ecuadorian local stations, since always at least one piece of music from that record has been presented in the programs of all the Ecuadorian stations I have tuned into.

The daily programming of Radio Luz y Vida is until 2100 in charge of the "secular" personnel of the station, but after that the responsibility goes to the hands of the religious personnel consisting of nuns, who are very young and therefore their beautiful but tender voices are rather difficult to understand, making positive identification hard.

Now, however, Radio Luz y Vida is using taped multilingual IDs in Spanish, English (by David Mawby), Finnish (by me, Simo S. Soininen), French, Italian and German! That makes the ID easier, of course.

HERMANA AMADA CAMPOS D.

She is the principal (superiora) of the nuns and the person in the administrative office who is so enthusiastically and politely keeps in touch with DXers all over the world. Earlier all reports received a personal letter, but after I had explained that it is not necessary at all, a QSL card was adopted into use and is now sent to all who have sent in a correct report. This card has been designed by Esko Hyyppä, a Finnish DXer. A printed card in black and white is mailed to you, but if your report is of exceptional quality, a color version -"fotocromo"- is sent to you. This original QSL is very colorful and nice, but the printing of the card in all its glory is too expensive for the economy of this small station.

With Sister Amada I have been in intensive correspondence since the first contact, although our opinions are mostly opposite. I have tried to explain to her how fine is the society which is developed according to the principles of Scandinavian socialism based on democracy. As you know, the standard of living in Scandinavia is one of the highest in the world, culminating in equal distribution of wealth and excellent social security. Amada says that the Scandinavian system only fits for strong and independent nations, preferring the national way based on the values of christianity as the way to well being in the countries of South America. I hope that this correspondence, which is still continuing, will give a lot to both of us in understanding the circumstances in such different environments,

Sister Amada has also sent me a tape including the ID in Spanish of Radio Luz y Vida, which has a few times been presented on the Finn DX programs of Radio Finland. That ID is very swinging with charleston sounds, really something exceptional! I too have sent some tapes to the station which have been of particular interest. The personnel have listened to my tapes after the usual night service, admiring my "perfect" pronunciation of the Spanish language.

TECHNICAL DETAILS

After a number of reporters had told the station the frequency of Radio Luz y Vida was in fact 4823 kHz, the personnel tried to calibrate the frequency, but without results. A new crystal was ordered, but the result proved disappointing also this time; the channel is at present 4826 kHz, if there has not been any drifting in the past few months. The crystal present a problem to Ecuadorian stations, which usually have no technical personnel. Experts from Quito come, if something happens to the transmitter or aerial.

(PTO)

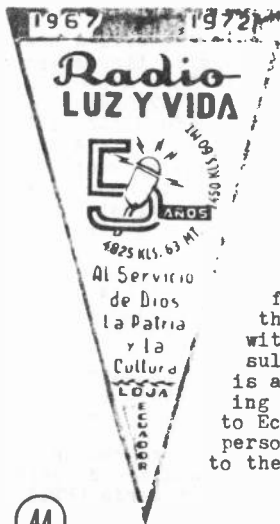
HC 3LV

Radio

Luz y Vida



Al Servicio de:
Dios, La Patria
y La Cultura



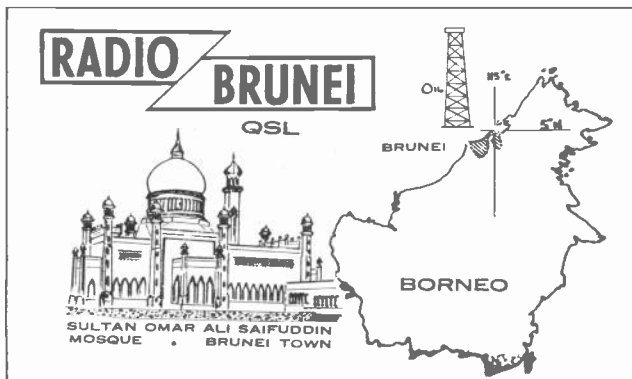
(cont)...Radio Luz y Vida employs a 2 kw transmitter on 4826 kHz carrying programs for the rural area and an old transmitter of 0.5 kw bought from Radio Centinela del Sur carrying programs on 1450 kHz for the area within the town. The transmitter plant is located outside the town, 2 kilometers from the studios, and the aerial is hanging in the height of 30 meters hidden in high Eucalyptus trees and is so modest "that I will send no picture of it", as Sister Amada told me.

PERSONNEL

The commercial director is Father Luis Florencio León, the former director of Radio Paz y Bien in Amboto. He has made many reforms in the program policy. Father Luis Florencio León is assisted by Dr. Enrique Garcia, the active program director. Amada, the principal, is mainly involved in the administrative problems, but also produces the "Mensajes" programs in the evening. Radio Luz y Vida has two speakers, viz. Bolivar Viteri and Wilson Patiño, three technicians, two editors for sports programs, one commentator (Gonzalo Sotomayor) and many collaborators like Padre Gerardo Vera and Padre Luis Ramirez.

The director of Public Relations is Genny Ali Carrasquel Diaz and the "administradora" is Sister Rosa Camacho. The discotheque lies in the hands of Sister Isabel Soto.

SPEEDX gives a special "THANKS" to Simo S. Soininen for permission to reprint this copyrighted article that appeared in the Finnish DX club bulletin "DX KUUNTELIJA". Thanks Simo for sharing this fine article with DXers 'across the sea'.



A BRIEF LOOK AT BRUNEI

by

**RALPH
SANSERINO**

RADIO BRUNEI was founded on May 2, 1957 in a small one story building in what was then known as Brunei Town. It was planned and installed by the Marconi Co., Ltd. of Chamaford, England. The first service was operated in the Malay language. Later broadcast in English, Hakka, Hokien, Cantonese, Mandarin, Iban, Dusun and Gurkhali were added.

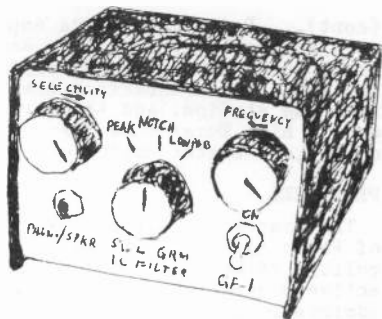
Radio Brunei operates on medium and short-waves in order to cover every part of the State of Brunei. As a result, not only do its programmes radiate into every village and long house in Brunei but they are also heard in many other parts of Borneo, from Kuching in the southwest to Kudat and Lahad Datu in the northeast of the island of Borneo. Reception is also reported from North America, Europe and Southeast Asia thru its shortwave Transmissions.

Because of the lack of a daily press, Radio Brunei is the principal source of news and current events; in addition a certain number of public service announcements are broadcast to keep the population informed on local events. The wide distribution of the transistor radio means that practically every home in the State is able to listen to the Radio Brunei programmes; the Government at one time made it possible for the poorer elements of the population to buy small transistor radios on easy payment terms. Because there is no receiving set license, it is not possible to know the exact number of radios in use, based on the customs import and dealers sales figures, they put the number at about 15,000, or one radio for every 9 persons.

Radio Brunei transmits in English at 2258-0030, 0300-0500, 1200-1430 GMT on 895, 970 and 7215 kHz.

AUTEK ACTIVE AUDIO FILTER QF-1

by
DON JOHNSON



New from AUTEK RESEARCH (Box 5390, Santa Monica, CA 90405) is the SHORT-WAVE INTERFERENCE IC FILTER - QF1. It's an active audio filter that will improve reception on ANY SW receiver by 'shaping' the audio after it leaves your set. The outboard unit hooks between your audio output and speaker & can be attached in minutes to any radio. A patch cord from receiver to the QF1, plug in your speaker or earphones.....your ready to go. The QF1 plugs into any convenient 115v outlet, so no worry about batteries.

As the name implies, the QF1 is designed to cut interference to enable you to hear what your listening to. How many times have you tuned in a station to hear your favorite program to find a heterodyne, whistle or CW making it impossible to understand the content? This little 4" square box will cut through all that hash and the station will 'pop' right into your ears. HQS has had a QF1 to test for awhile now and the results are truly amazing!

The QF1 takes a bit of getting used to. It's fine tuning and takes many hours to learn what controls affect what, though the instructions that come with the unit are quite good. Also it changes the sound of your audio some. The QF1 selects or rejects portions of the audio frequency to help eliminate the unwanted 'hash', so your not hearing the full audio frequency range you would normally. This is what lets you hear a desired station in the middle of a bunch or QRM.

A few of the specs from the data sheet may be of interest to the more technically minded. To quote a portion of it, "The finest available. 115 VAC, 50/60 Hz. 1 watt output for room-filling speaker volume, or plug in headphones. Everything supplied. Just plug into ANY receiver or transceiver headphone jack, or connect to speaker terminals if no jack. 8 IC OP AMPS plus 2 power transistors. Two circuit boards. Handsome metal cabinet. 5"x4"x3½". 2 lbs." The cost is \$52.95 plus \$1.50 shipping (Calif. residents add sales tax). AUTEK also has a model that can be built into a set for \$32.95 (plus shipping & tax in Calif). This is not suggested unless you are a fairly good technician though. A few more specs: insertion loss....none. Distortion....less than .2%, typically less than .1% below clipping. Impedance matching....none required or desired.

What does all the above data mean? Perhaps not much unless your a technician. The real testimonial comes when you plug the QF1 in and start cutting the QRM. The unit has three controls on it. Selectivity control, Frequency control, and Function selection switch.

Selectivity Control.....adjusts the width of the notch & bandpass response, as well as the lowpass rolloff & notch depth. Frequency Control.....moves the peak, notch, and lowpass freq from about 250 Hz - 2500 Hz. Function Control.....has three positions. Peak passes a narrow band of freqs. Notch rejects a narrow band of freqs. Lowpass rejects high-freqs.

The QF1 is expensive, but in my opinion well worth it. I've paid more for SW accessories that don't work, and this unit does. Send a SASE to AUTEK for a flyer and believe what it says. Mention you read about it in SPEEDX.

DECEMBER CONTRIBUTORS PAGE

Each contributors name is preceded by a number. This number indicates how many SPEEDX columns a specific reporter contributed to this month. Credits for columns/sections other than SWBC, QSL, and UTE are not listed here, they are recorded separately by the Membership Chairman, Art Glover.

1 BAKER, MARK	IL..HQ-129X	2 MC INTOSH, RANDALI	PA...DX-160
4 BARON, BRUCE	PA.....R4G	3 MERCADO, MARJO	CA.....R4
3 BEAUDOIN, BOB	CT....R-388	3 MIKLEJEWSKI, STAN	MN...D-7000
3 BENJAMIN, IORENZO	CA...SX-190	2 MILLER, AL	OH...HRO-500
2 BERNSTEIN, GOGER	GA...DX-160	4 MILLER, BILL	CA..YORK-21
2 BETHGE, JANE	MO...SW-717	3 MUCIA, JOHN	NY....SW4A
4 BIXBY, MARK	CA...HA-225	2 MULCAHY, CIARAN	IRE....U-800
5 BODELL, BOB	OR....SPR-4	3 NAYLOR, SPENCE	CA...HQ-180
2 BRICK, GEORGE	MA....NG-88	1 OLIVER, WAYNE	NH...SX-190
4 BROOKER, JIM	MI....SPR-4	3 PEARSON, BILL	PA...DX-160
2 BROOKS, ALAN	CT..DX-150A	1 PIERCE, BOB	MA...SAT-210
1 BUTTERFIELD, BOB	MA...HQ-100	1 POAGE, BOB	KY....GR-54
1 CALIRI, GREGORY	MA.....SW4	4 QUINN, TOM JR.	NY...DX-160
2 CAWTHORNE, GEDRIC	ENG...GR-100	2 REDMAN, RON	IL...P-1660
1 CHADBOURNE, H.L.	CA.HOMEBREW	1 RICHMOND, KYIE	CT....A-2508
1 CLARK, KEVIN	UT...DX-160	1 ROBINSON, NANCY	AL....SPR-4
4 CLEVELAND, BILL	CA....SPR-4	1 RODRIQUEZ, EDUARDO	PR..D-7000Y
2 CRABLE, VERA	ID....SPR-4	3 ROJEWSKI, DON	WA...DX-160
3 CREWS, DEMPSEY	FL..DX-150B	4 ROMANI, DAVID	MI....SPR-4
1 DAY, EDWARD	CA...SX-190	1 SANSERINO, RALPH	CA....R-392
4 DEAN, DENNIS	OH....SPR-4	2 SCANNELL, MARK	MA...SW-717
4 DEVRIES, LINDA	MA...DX-160	1 SHAW, STANFORD	CA....SPR-4
3 DURANT, HENRY	MD....SPR-4	1 SHINN, VERLIN	CA....R-530
3 EARHART, KEN	PA...SX-190	2 SMITH, DAVY	AL....S-85
3 ELLSWORTH, OLIVER	CA...SX-190	5 SMITH, TOM	FL..HA-600A
4 FAMILARO, RALPH	NJ...XGR-30	1 SMITH, WADE	MA...SX-190
1 FISCHER, JOHN	CT...SX-190	1 SMITH, WOODY	TN...TRANS-0
1 FIEMING, KEVIN	NY...DX-150A	4 SNYDER, DOUG	CA....SPR-4
2 HAMBRIGHT, JEFF	NJ....SPR-4	1 SPARKS, BILL	CA.....R4B
3 HARDESTER, MIKE	CA...XGR-30	1 STRAUMANIS, A.	IL...SW-717
2 HARDING, BARRY	CA..DX-150A	4 TALBOT, LARRY	WI...SB-313
3 HARRINGTON, BOB	CO...SW-4A	1 TANNENWALD, LEON	NY.NORMEADE
3 HAUSER, GLENN	OK...HQ-160	5 THOMPSON, GLENN	NM..HQ-145A
2 HICKMAN, MEL	OR...A-2515	2 TRZASKUS, ROSEMARY	II...S-125
3 HOFFMAN, CHARLES	PA...DX-160	3 UERLINGS, JIM	WA...SX-190
1 HOLTAN, DEAN	WA..HA-I-AND	1 URAGUCHI, GEORGE	CA...DX-160
2 JACOBSON, JOE	II....SPR-4	4 VAN FOSSEN, JEFF	OH...DX-160
1 JAKUBIAK, DAVID	MI...TRANS-0	2 VECCHIOIA, JIM	PA.....R4C
4 JERNAKOFF, PETER	NY...SB-313	1 VIL'RO, NARCISO	PR..TRF-5100
1 JESSEN, WILBUR	OR....R-530	1 VOCKEROTH, JOHN	PA...SX-190
1 JOILEY, JERRY	WY.....??	3 VOGEL, WENDELL	PA...SX-122
5 JONES, JACK	MS..DX-150A	1 VOKES, BOB	TX...XGR-30
2 JUNOJA, "GIB"	JAPAN....R4-C	1 WASHBURN, CHARLES	ME...SB-310
1 KAUFMAN, MALCOLM	NY....SW-4A	4 WHITE, JOHN	FL....SPR-4
2 KERRIGAN, PATRICK	IL..HA-230	1 WICKETT, BOB	MD...SB-310
1 KUBINSKY, JOHN	Pa..P-SONIC	3 WILSON, BOB	IL...XGR-30
4 Kummer, Marvin	Ky...D-7000	5 WINSLOW, JOHN	WI...R-4B
3 LAVES, ALAN	TX..DX-150A	4 WIRRELL, BOB	MA...SX-110
1 LAWSON, TED	CA....R-530	3 WOITMAN, FRANK	WI...DX-160
3 LEISTNER, IOU & E.	CA....SPR-4	1 WOOD, RICHARD	NY..R-390A
2 IEVIN, JAY	NJ...DX-160	4 WOOTTEN, CHARLES	ITY...R-530
2 LOVETT, BRANDON	OH...SX-190	5 YAJKO, BOB	PA....SPR-4
1 MAC BOY, DON	AZ....R-392	1 ZEIGLER, GARY	MI...XGR-30
1 MAHONEY, MIKE	IN..AR-88DM	1 ZELASKO, LEO	IN....SPR-4
1 MARKIEWICZ, JOE	MI...HQ-180	3 ZILMER, BOB	WI....SPR-4
1 MARTI, WALTER	CA...DX-160	3 ZIMAROWSKI, MARK	MA...DX-150
1 MAYER, ALAN	II...SB-310		

A big welcome to 10 first time reporters this month, they are as follows: Mark Baker, Gregory Caliri, Kevin Clark, Vera Crable, Dean Holtan, Joe Markiewicz, John Mucia, Robert Poage, George Uraguchi, and Frank Woltman. A big thank you to 113 contributors. You are good reporters, keep it up. Happy Holidays to the entire membership---Oliver Ellsworth.

THE OFFICIAL DX MAGAZINE PUBLISHED MONTHLY BY SPEEDX

BOARD OF DIRECTORS

PRESIDENT.....ALAN BROOKS,
MEMBERS.....JIM WHITEHEAD
DOUG SNYDER,

MANAGING EDITOR.....OLIVER ELLSWORTH
BUSINESS MANAGER/PUBLISHER/TREASURER.....DON JOHNSON
PROJECTS COORDINATOR.....DOUG SNYDER
MEMBERSHIP CHAIRMAN.....ART GLOVER
SPEEDX/GHAM EDITOR/PUBLISHER.....JOHN TRAUTSCHOOLD

SUBSCRIPTION RATES PER YEAR

FIRST CLASS TO USA/CANADA/MEXICO.....\$12.00
AO (AIRMAIL) TO SOUTH AMERICA/EUROPE.....20.50
AO (AIRMAIL) TO ASIA/AFRICA/OCEANIA.....23.00
FIRST CLASS WORLDWIDE (OUTSIDE USA/CANADA/MEXICO).....14.00
SAMPLE COPY WORLDWIDE.....6 IRC's or 1.00
(MAKE ALL MONIES PAYABLE TO SPEEDX IN US FUNDS)

Permission is granted to broadcast, publish, or reproduce any material contained herein (excepting items which state that they appear by permission from other sources) providing credit is given to: SPEEDX, P. O. BOX "E", ELSINORE, CALIFORNIA USA and to the author or contributor when stated.

INDEX

HAP X-MAS GREETING PAGE.....ALAN BROOKS 2
KEYNOTES.....OLIVER ELLSWORTH 3
TECHNICAL TOPICS.....JOHN KOLB 5
SMBC WESTERN HEMISPHERE.....JIM WHITEHEAD 6
EUROPE AFRICA.....BOB BUTTERFIELD 13
ASIA OCEANIA.....BOB BODELL 20
STATION SCHEDULES.....MEL HICKMAN 27
QSL SECTION.....BILL CLEVELAND 29
TIPS AND TOPICS.....ART GETZEL 36
CONTRIBUTORS PAGE.....OLIVER ELLSWORTH 47

S P E E D X
P O BOX E
ELSINORE CALIFORNIA
U S A
9 2 3 3 0

Christmas Greetings

from all of us to you

U.S. POSTAGE PAID
FIRST CLASS MAIL
PERMIT NUMBER 36
ELSINORE CA 92330



FIRST CLASS MAIL

ADDRESS CORRECTION REQUESTED