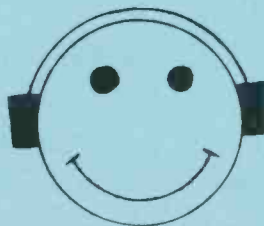


SPEEDX

the dx radio magazine for active shortwave listeners

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*we support the
world dx handicapped aid campaign*



FEB 1975

Vol. V - No. II



KEYNOTES



CONGRATULATIONS TO 2 NEW FULL MEMBERS

JAMES E. BROOKER
TROY, MI

NIGEL PIMPIETT
ALB. CANADA

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

-***-

SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

DONALD TERRIBILE
BROOKLYN, NY

W.R. COURTNEY
BELLEVUE, WA

MARK BIXBY
NEWPORT BEACH, CA

LESLIE COX
OKMUIGEE, OK

ARMEND DE PETRIS
WICKLIFFE, OH

AUSTIN HOWELL
B.C. CANADA

CHARLES GUATNEY
BARRE, VT

DEAN GROCE
TORRANCE, CA

PATRICK KERRIGAN
CHICAGO, ILL

JOHN WINSLOW
MADISON, WI

BRIAN IONON
CHESTERFIELD, VA

B.A. ROBINSON
ONT, CANADA

RICHARD DICKTER
PHILADELPHIA, PA

MARJO MERCADO
UNION CITY, CA

JEFFERY PERONTO
MADISON, WI

DENNIS BOYCE
PUYALLUP, WA

ROBERT JELLISON
PRINCETON, CA

JON GREENBERG
LOUISVILLE, KY

RICHARD HARRIS
NEW YORK, NY

RAY CURI
DECATUR, MI

BOB CUROLE
GOLDEN MEADOW, LA

ARTHUR MILES
DIAMOND SPRINGS, CA

We are looking forward to hearing from all of you often, SPEEDX urges you to support the various columns and sections by sharing your loggings and thoughts with the full membership. We need you.

-***-

AREA DXERS TO MEET ON EAST & WEST COASTS IN FEBRUARY

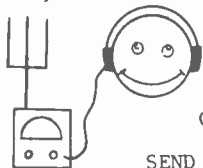
SCADS (Southern California Area DXers) to meet February 15 & 16 at Bel Air Motor Hotel, 140 West 1st St. Tustin, Calif. 92680 from 9:00 AM both days. Over 50 local area DXers are expected to enjoy topical talks, DX quizzes, an AM radio station tour, ample refreshments (coffee, soft drinks & beer), equipment to look over & try out. Question & answer periods headed by experts. The right place to meet and chew the fat with fellow hobbyists. \$4.00 registration fee. Contact Don Johnson, SPEEDX Hqs. for information.

BAD GUYS (Boston Area DXers) The GUYS will be meeting February 23, at the Chatham West Community Hall, Brockton, Mass. Contact Frank Testa, (617) 588-4921- Brockton, Chris Iobdell, (617) 944-4124- Reading. Mark Scannel, (617) 762-7051- Norwood. BAD GUYS are noted for entertaining DXers from Pennsylvania, New York, Connecticut, etc. Give them a ring.

-***-

WORLDWIDE DX CLUB, 6380 Bad Homburg 1, Postfach 1263, Federal Republic of Germany, offers: A list of Time Signal & Standard Frequency Stations. 29 countries included in the 26 page publication for 4 IRC's. A list of all QSLs & Pennants received by two leading European DX Clubs, for the years 1969 through 1973. This 24 page publication includes QSLs received via SW, BCB, & Utility stations from 187 countries for 4 IRC's. For an additional 3 IRC's you can obtain a sample copy of their 40 page monthly bulletin. For those interested, the publications are worth the price. Tell them that SPEEDX sent you.

TECHNICAL TOPICS



Q-MULTIPLIER? AVC? ANTENNA?
GAIN? IMAGE? TUNER?
CROSS-MOD?

AGC? S-METER?
USB?

SEND YOUR TECHNICAL QUESTIONS TO:



JOHN KOLB
12532 ARABIAN WAY
POWAY, CAL. 92064

"WV has added useful propagation info to its 14-minute-after-the-hour current radio conditions report. "K Index" refers to current geomagnetic conditions: 1-2 is OK but watch out for 3 or 4. The-higher-the-better is the rule for solar flux." The preceding taken from hr Report, a midmonth supplement to Ham Radio Magazine. As I write this, the K index is 3, and 28 MHz solar flux is 74. Tuning rapidly across the bands, there are only a few stations audible per band above 10 MHz. Of course, "It's an ill wind that blows no one good." When the normal stations audible are blanked out by an atmospheric disturbance, other stations, normally covered, may be logable.

Patch Panels: A patch panel is a system of switches or connectors and patch cords used to interconnect items of station equipment into different arrangements quickly and easily. For anything more complex than one receiver and two antennas, connectors and patch cords will be cheaper and more versatile than switches. On the figure to the right, each circle represents a female connector, such as a phono jack, mounted on a panel, and connected to one of the items to be interconnected. The curved lines with arrows are short pieces of cable with suitable male connectors, such as phono plugs, on each end. In the example shown, one patch cord is used to connect Antenna A to receiver 2. Two more patch cords are used to connect Antenna B to the preselector input, and the preselector output to Receiver 1. By moving the patch cords, either receiver can be connected to any of the antennas, with or without the preselector. Likewise, a patch panel might be used on the audio side of the receiver(s) to connect to tape equipment or audio filters. Any type of connector can be used, but it should be a shielded type. Push on, or twist to lock types, such as phono connectors, or BNC's, are more convenient than screw on types, such

as UHF connectors. If you need a patch panel, you should avoid antennas such as folded dipoles, which are fed with twin lead. Long wire antennas can be fed all the way to the patch panel as a single conductor wire. Most others will use coaxial cable. Mount the female connectors to a metal panel or box chassis. A strip of right angle extrusion works well. This metal piece should go to ground if you have one. Make the patch cords long enough to reach between the two connectors farthest apart.

Don't forget the SCADS Meet, Feb. 15 and 16, in Tustin, CA. See you there.

Forrest Howard wants to know if the Barlow Wadley is sharp enough for the ham bands, since he is trying for a ham license. I feel the B-W's selectivity is about the same as the DX-150 or the HA-600-usable for SSR, but not the greatest. The B-W, however, would be a poor choice for a ham station, because of the difficulty muting it during transmit, or slaving it to a transmitter for transceive operation.

Ron Vecchiola would like to know if the optional 1.5 kHz filter for the Drake R-4C would be usable on AM, using exalted carrier, or would it be too narrow. "...most speech falls within a frequency band of a little over three octaves (a 2:1 freq range) around the range from 300 to 3,000 Hz, and most of the speech energy is concentrated in the lower octave of the range. These lower-frequency sounds contribute to the individual timbre of the voice but have little to do with the intelligibility of speech. Furthermore, most speech intelligence is carried in the band around 1 kHz in most voices. Most ears are most sensitive around this band, too." Principles of Speech Processing Ham Radio Feb. 1975. Thus if a crystal filter 1.5 kHz wide were positioned to pass audio from 600 Hz to 2.1 kHz, intelligibility should be good, but you may not be able to tell the difference between Jerry and Dody Cowan. No, before you ask, this does NOT apply to the SFR-4.

Mel Hickman would like to know how similar the Allied A-2515 and the Lafayette HA-600A are. From their appearance, I believe they are both made by the same Japanese manufacturer, Trio. Their circuitry should be very similar, however the Allied has 4 mechanical filters to Lafayette's 2, for better selectivity (slightly). The Lafayette is more sensitive.



HAP PENINGS

HANDICAPPED AID PROGRAM

GENE MOSER - HAP DIRECTOR
6805 Woodland Court
Coloma, Michigan 49038 USA



SUPPORT WORLD DX HANDICAPPED AID CAMPAIGN

"OPEN LETTER", part 2: Last November I began this series with HAP OPERATION. I will conclude that topic this month and then go on to funding, chapters and the new H.I.C.C.

Early last year HAP became an independent "Inter-club organization". which means we are a club whose membership is restricted to the physically handicapped. At the same instant we are a service body. Our members are not required to pay dues for HAP membership. We supply equipment and all services free. The HAPees pay for half price membership into any one (1) club of their choice. Or HAP, or the club pays the dues / absorbs it. HAPees receive Lifetime Membership with us. when we became an inter-club organization, I formed a HAP Board of Directors. It consists of Ted Poling, Assistant Director; Renee N. Schneider, PALS Chairman and myself. Policy and activities are carried out on a two-thirds "yes" or "no" vote. As Director and Chairman of the Board I direct all activities, pay the bills and in general, see that HAP does not get involved in matter not concerning it. I vote on the Board only in case of ties. I have the right to veto any decision not in the best interests of HAP. The Board limits financial spending and determines what monies can be used for. As Director, I approve and disapprove all applications for HAP benefits. Ted Poling then notifies the HAPee, PALS Chairman and Evelyn "Dolly" Dolyak our Hospitality Hostess. Ian MacFarland is also furnished with the HAPee's name and address so they can be enrolled in the Radio Canada Short Wave Club. Ted helps me in many ways besides enrolling new members. Including answering some of my mail so that you get a reply within a decent time. Renee assigns a PAL each HAPee and oversees his or her progress. She informs them of what free SW literature is available, and is responsible for editing and printing "SPEARHEAD" which is sent free to all HAPees. Dolly is the one who sends get well and birthday cards to our HAP members. The executive staff is disabled in some way.

As most of you know our funding comes from YOU. Money comes from donations and sales of HAP items. We have a HAP ball point pen which sells for \$1.25 each. Additional pens are \$1.00 when ordered at the same time. Our famous HAPPY face rubber stamp is \$2.00. These two items account for 50% of our funds. Throughout the year we will have special DX aids at small cost so we can raise much needed money. Every October, November and December SPEEDX runs a fund drive for us. Most North American clubs also run similar drives to support our efforts. In an upcoming column you will see how much it took to operate HAP last year. Your support was very generous and we could not have made the end of the last year without you.

Next month news of our HAP chapters and the new International Coordinating Committee.

SPEEDX HQS NOTES

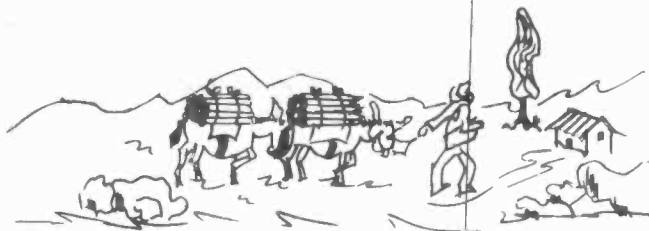
No word from the Oakdale nut this month. DX MONTAGE should be back in March. Requests for JAN 1974 copies of SPEEDX were 'underwhelming'. We rec'd exactly zero issues, hi. So, how about sending us a JAN 1974 SPEEDX. Mail to HQS and we will return your postage.

Is there a musician in our midst who can supply the musical notation for the first six notes played by Radio Habana before their National Anthem? If so, please drop a card to club HQS.

SWBC DX - Western Hemisphere

EDITOR

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



REFRAN

"Mientras en casa estoy, rey soy"

SANTA GENEROUS TO DXERS

Yes Charlie, there is a Santa Claus. Just ask Cedric Marshall, Kevin Szot, and Bill Sparks who report Christmas season loggings of Radio Nacional del Paraguay. They weren't the only recipients of Santa's largesse either, if the loggings of Ecuador's Radio Libertad and Radio Splendid, flea powered, Radio VS18, and Colombia's Radio Cordobesa are any indication. I'm sure the DXers who had the good fortune to log these and the other unusual goodies reported this month will also testify to Santa's existence. I can't comment you know. All us editors ever get is static. Hi!

But, here I am again confronted with a mountain of reports and wasting space telling you how great they are. I even almost forgot to mention that last month's refrán is translated "Powerful man is Mr. Money". So, without further adieu, I'll begin the big squeeze for another month. Of course, all times are GMT, all dates employ the month/day format, and reception conditions are reported in the SIO Code.

ARGENTINA

- 6060 0915 LRA31 R. Nacional:Sp.w/news read by OM (322,12/17;Trubee-HI)
9690 0625 LRA32 R.A.E.:Eng.w/ID,cmntry,tango mx (444,12/25;Sauu-MI)(1/7; Thompson-NM)(1/5;Brooker-MI)(12/14;Yajko-PA)(12/17;Smith-FL) (12/27;Redman-IL)(12/13;Beal-WA)(12/12;Famularo-NJ)(12/30; Dawson-CA)(12-20;MacCoy-AZ) All with fair to good reception.
11710 2300 LRA35 R.A.E.:Eng.w/"HERE AND NOW" pgm (333,1/7;Richmond-CT)(455,12/13;Suddick-MI)(433,12/28;Wickett-MD)(333,12/27; Famularo-NJ) All in 2300-2350 time slot.
15290 0017 LRU R. El Mundo:Sp.w/spts discussion (354,12/24;Hauser-OK)(252 2336,12/21;Rodriguez-PR)
15345 2032 LRA33 R. Nacional:Sp.w/ID as "R. Nacional", into classical mx (434,1/11;Bodell-OR)(--3,1310,12/21,w/wx summary;Hauser-OK)

BOLIVIA

- 4875 1036 CP75 La Cruz del Sur:Sp.w/much chatter by OM,LA pop mx (333,12/ 30;Gavaras-MN)(252,2300,12/25,w/ID,religious mx,newscast; Moore-PA)(211,0110,12/27,w/Giving Christmas mx;Rodriguez-PR)
5978 0200 CP92 R. Panamericana:Sp.w/ad giving La Paz address,0158 nx, 0159 Bolivian ads,TC for 22h @ 0202,0204 Bossa nova mx, ID @ 0218. Now here ex list 6049 and reported 6035 (--3 to --4,12/12,13,14;Hauser-OK)

BRAZIL

- 3265 0325 ZYR79 R. Ribeirão Preto:Port.w/TENTATIVE logging of music pgm under R. Demerara (--1,12/30;Neumann-IN)(222,0345,12/29; w/mx,Port. anmts;Bodell-OR)
3315 0311 ZYL26 R. Gazeta de Alagoas:Port.w/pop mx,ads,final ID @ 0359 sign-off (353,1/4;Sparks-CA)
3375 0320 ZYK28 R. Olinda Pernambuco:Port.w/Brazilian mx,OM ads (332,12/ 27;Rodriguez-PR)(322,0845,12/30,TENTATIVE;Marshall-ONT)
3385 0853 ZYG22 R. Clube Teresina:Port.w/anmts,ID,wiped out by UTE at 0859. No sign Cayenne. (333,12/30;Marshall-ONT)

BRAZIL (cont.)

- 4887 *0753 ZYG26 R. Pioneira de Teresina:Port.w/sign on anmts,Brazilian mx,ID (433,12/22;Cleveland-CA)(343,0815,12/19;Earhart-PA)
- 4935 0145 ZYI21 R. Poti:Port.w/U.S. pops,ID @ 0153 (232,1/2;Moore-PA)
- 4995 2346 ZYX2 R. Brazil Central:Port.w/quiet mx,songs,OM anmts,ID (232,12/31;Day-CA)(12/30;Cleveland-CA)(1/7;Redman-IL)12/15; Rodriguez-PR)(12/29;Lobdell-Whitehead-MA)(12/28;Earhart-PA)
- 5015 2220 ZYF208 R. Dif. de Poços de Caldas:Port.w/TENTATIVE logging of tlk,classical music,no ID hrd (252,12/29;Moore-PA)
- 5027 0837 ZYX30 R. Dif. de Aquidauana:Port.w/TENTATIVE logging of music of "refined" nature,OM ancr,ruined by het from 5025 @ 0845 sign on at station there. (343,12/19;Earhart-PA)
- 5055 0345 ZYO33 R. Vitória:Port.w/Lt. mx,OM anmts,IDs @ 0403 & 0416 w/ "Love is Blue" in background (252,12/25;Moore-PA)(253,0200,12/29;Lobdell-Whitehead-MA)
- 6000 2345 PRK5 R. Inconfidência:Port.w/ID,ads,pop U.S. mx(333,12/23;Day-CA)(322,0150,12/22;Agner-NJ)(333,0810,12/14;Cleveland-CA)
- 6025 0125 ZYR63 Emissora Piratininga:Port.w/TENTATIVE logging of OM tlk, soccer match,QRM from both sides (333,12/23;Moore-PA)
- 6035 0215 ZY226 R. Globo:Port.w/tlk,ads,ID,finally some music @ 0234 after more ads (332,12/27;Earhart-PA)
- 6085 0025 ZYB87 R. Jornal do Comércio:Port.w/Braz.mx.(322,12/31;Zilmer-WI)
- 6135 0155 PRC21 R. Gaúcha:Port.w/tlk,ads,electronic tones, ID as simply "R. Gaúcha" (422,1/8;Zilmer-WI)
- 6155 0000 ZYN R. Cultura da Bahia:Port.w/tlk,music,many of IDs are only as "R. Cultura" (422,12/27;Zilmer-WI)
- 9605 2120 PRL8 R. Nacional de Brasília:Eng.w/first logging of Eng. svc. since moved here from 11780. Heard with mx,tlks on Brazilian Christmas customs and songs (333,12/25;Earhart-PA)
- 9645 *0800 ZYR?? R. Bandeirantes:Port.w/ID,pop mx,mention of São Paulo, Crowing rooster as part of wake-up ID (343,12/23;Earhart-PA)
- 9695 0000 ZYB61 R. Rio Mar:Port.w/mx,vocal mx by tenor(332,12/26;Zilmer-WI)
- 11785 0021 ZYU61 R. Guaíba:Port.w/anmts,nxcast (444,12/30;Agner-NJ)
- 11805 0123 ZY236 R. Globo:Port.w/mx,tlks,ID (322,1/1;Baron-PA)(454,0200,1/11;Carrick-VA)(232,0020,12/16;Day-CA)
- 11915 0140 PRC23 R. Gaúcha:Port.w/TENTATIVE logging of spts event under HCJB (222,12/19;Lovett-OH)
- 11925 2245 ZYR78 R. Bandeirantes:Port.w/some Eng. pop mx,jingles,ads, slow talk for a change (433,12/25;Zilmer-WI)(353,0245,12/27, w/ID @ 0259,0301 female vocal;Earhart-PA)
- 15115 0205 ZYE R. Soc. Guiraçá:Port.w/OM & YL nx (453,1/5;Dawson-CA)
- 15135 2321 PRB23 R. Record:Port.w/Brazilian mx,dedications (454,12/21; Rodriguez-PR)(333,0003,12/20;Cleveland-CA)
- 15155 2335 ZYB9 R. Tupi (São Paulo):Port.w/ID,tlk by OM (443,12/15;Day-CA) (444,2333,12/21,w/ID as "Super Tupi",mx pgm;Rodriguez-PR)

RÁDIO BANDEIRANTES

cada dia melhor que antes

BRITISH HONDURAS

- 3300 0300 Radio Belize:Eng.w/BBC nx followed by local wx, comls. when TGNA off suddenly. Wiped out when TGNA returned @ 0314. Was // 834 on BCB (--2,12/9;Lay-VA) Nice catch,Russ.

CANADA

- 5925 2200 CBC Armed Forces Svc.:Eng.w/nxcast (333,12/29;Sputo-FL)
- 5960 0505 CBC Northern Svc.:Eng.w/nx (333,12/31;MacCoy-AZ)(12/28;Cruu-MI)
- 5970 1259 RCI:Eng.w/s/on to Pacific,0900, nxcast (444,12/17;Suddick-MI) (554,1/3,0900;Quinn-NY)See Santa left you a new rig,Tom.
- 6005 2020 CFCX, Montreal:Eng.w/TC,wx,ads,songs (212,1/4;Getzel-NY)(1/5; Davidonis-MA)(1/4;Gavaras-MN)(12/13;Famularo-NJ)
- 6020 0207 RCI:Fr.w/apparent mixup as both RCI and DW audio in German mixing equally. // 6085 (???,1/4;Hauser-OK)(333,0200,1/5, w/OM & YL tlk,mx;Trautschold-WI)
- 6040 0100 RCI:Eng.w/IS after Sp. svc. close mixing with its cooperator DW,0100 opening Eng. svc anmts mentions 6085 as usual but didn't move up there until someone woke up and jumped this up to that freq. (???,12/11;Hauser-OK)
- 6070 0910 CFRX,Toronto:Eng.w/nx,cmntry,rock mx (433,1/3;quinn-NY)(12/14; Suddick-MD)(1/5;Davidonis-MA)(12/15;Redman-IL)

CANADA (cont.)

- 6085 0115 RCI;Eng.w/Stn Gibbon spts,wx (444,12/27;Beal-WA)(1/8;Richmond-CT)(12/22;Froemming-AZ)(1/4,see 6020;Hauser-OK)
- 6100 2133 RCI;Eng.w/DX pgm to Europe, ID (444,12/14;Famularo-NJ) Ralph, believe this is Malta relay and belongs in Europe/Africa.
- 6130 2104 CHNX, Halifax;Eng.w/Canadian Life Insurance ad, ID as MW CHNS, mx (333,12/13;Famularo-NJ)(1/5;Davidonis-MA)(1/6;Lovett-OH)(333,12/36,1/8,w/wx;Hauser-OK)
- 6160 2100 CKZN, St. Johns;Eng.w/CBC nx (222,12/15;Miller-OH)(323,1712;12/29;Baron-PA)(111,2125,12/29,TENTATIVE;Sputo-FL)
- 6160 1508 CKZU, Vancouver;Eng.w/spts nx,wx (333,12/26;Cleveland-CA)
- 6175 0030 BBC via Sackville;Eng.w/World Svc. to break in xmsn at this time, probably to switch to Greenville relay where continues to 0330 (???,1/2;Hauser-OK)
- 7290 0630 RCI;Eng./Fr.w/ nx to 0640, into Fr. (343,1/2;Earhart-PA) Ken, believe this is also Malta. Please be careful to distinguish.
- 9445 0635 RCI;Eng.w/tlk abt New Year,Cross Canada nx (444,12/31;Gaede-CA) 12/27;MacCoy-AZ)(1/4;Hauser-OK)(1/1;Earhart-PA) Believe it or not, this is officially a PTP transmission per RCI.
- 9625 1600 CBC Northern Svc.;Eng.w/nx, pop mx of Americas, ID (444,1/5; Davidonis-MA)(12/15;Famularo-NJ)(12/23,w/Max Ferguson Show @2040;Beal-WA)(12/7;Suddick-MD)
- 9655 1850 RCI;Eng.w/tlk on Old Eng. (454,12/21;Suddick-MI)(12/23;Smith-FL)
- 9755 0130 RCI;Eng.w/tlk on Canadian Aerospace Pgm's Bleak Future (444,1/9; Vogel-PA)(443,12/27,0100;Beal-WA)
- 11720 1443 CBC Northern Svc;Eng.w/mx pgm, ID, nx (454,12/14;Famularo-NJ)(444, 2159,12/29,w/s/off in Fr. ID,IS, Eng. nx;Trautschold-WI)
- 11855 1850 RCI;Eng.w/pgm on Old English (444,12/23;Suddick-MI)
- 11905 1315 BBC via Sackville;Eng.w/World Svc s/off without ID for relay site. Formerly a direct bcst. (--4,12/22;Hauser-OK)
- 15195 2110 BBC via Sackville;Eng.w/World Svc. to Caribbean, not as good as Ascension on 15260, off @ 2115 (???,12/23;Hauser-OK)
- 15325 1805 RCI;Eng.w/RCSWC pgm (444,12/14;Rose-U.K.)(1/1;MacCoy-AZ)
- 15365 1830 BBC via Sackville;Eng.w/World Svc. relay filling 1700-1800 hole in NA coverage, noted daily since 12/25 (--4,12/25;Hauser-OK)

CHILE

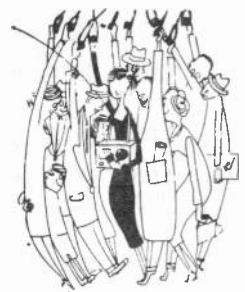
- 9565v 0325 CE956 R. Nacional de Chile;Sp.w/mx, LV de Chile pgm (444,1/12; Gaede-CA)(333,0238,12/23,w/Eng. nx,cmntry, IDs,Yajko-PA)
- 9572 0155 CE957 R. Portales;Sp.w/tlk on UFOs (444,1/8;Rodriguez-PR)
- 15150 0100 CE1515 R. Nacional de Chile;Sp.w/orch. mx, tlk, ID (343,1/7; Thompson-NM)(354,2320,12/24,w/Russian propaganda, IDs;Hauser-OK)(222,2215,1/6,w/Eng. pgm;Beal-WA)(322,2320,12/29,w/Ger. tlks, ID;Redman-IL)

COLOMBIA

- 2140 0737 HJAH Emisora Atlántico;Sp.w/LA mx, ID @ 0738 (252,1/1;Moore-PA)
- 2440 1123 HJAV R. Cordobesa;Sp.w/wild LA mx, IDs by OM, not heard lately (343,12/10;Szot-CA)(12/23;Carrick-VA)(1/1;Moore-PA)(1/1, Hauser-OK) Glenn notes is member of RCN. Is 2x 1220 harm
- 2860 0820 HJLO Brisas del Cauca;Sp.w/through harmonic DXing we find that this station announced as under-construction in the WRTH is on the air. Hrd w/chimes 0837, TC for 3:25 A.M. ID escuchando estas Emisoras Brisas en Caucasia....", 0831 plug for net, 0836 comedy record. Is 2x 1430 har (--4,12/25;Hauser-OK)(253,0620,12/25;Moore-PA)
- 3660 1042 HJAV R. Cordobesa;Sp.w/3x harm also hrd. Announcement heard, is weaker but clearer here due 2440 noise (232,12/30;Hauser-OK)
- 4775 0610 HJKC Emisora Nuevo Mundo;Sp.w/Colombian mx, CARACOL promo, UTE QRM (423,12/19;Redman-IL)(343,0600,12/22;Cleveland-CA)(454, 0550,12/29;Lanoue-MA)(333,0625,1/9;Crews-FL)
- 4845 0425 HJGF R. Bucaramanga;Sp.w/ads, IDs, LA mx (333,12/24;Carrick-VA)(333,0330,1/5;Day-CA)(333,0445,12/21;Sparks-CA)
- 4865 0558 HJIZ LV del Cinaruco;Sp.w/CARACOL network pgm // HJKC (344,12/29;Lanoue-MA)(343,0616,12/22;Cleveland-CA)(333,1/2;Redman-IL)
- 4945 0603 HJDH R. Colosal;Sp.w/LA mx, IDs (433,12/22;Yost-MI)(12/23;MacCoy-AZ)(12/25;Tannenwald-NY)(1/3;Redman-IL)(1/4;Beal-WA)(12/19; Cleveland-CA)(12/26;Yajko-PA)(12/21;Wickett-MD)(1/5;Bodell-Hickman-WA) From 0130 on with best reception after 0300.
- 4955 0156 HJCC R. Nacional;Sp.w/Classical mx, ID (434,12/14;Yajko-PA)(12/1/4;Tannenwald-NY)(12/7;Baron-PA)(1/3;Redman-IL)(12/21;Yost-MI)(12/31;MacCoy-AZ)

COLOMBIA (cont.)

- 4965 0718 HJAE R. Santa Fé:Sp.w/ID by OM after each song (333,1/8;Crews-FL)(1/6;Redman-IL)(12/14;Yajko-PA)(12/31;MacCoy-AZ)(12/29;Quinn-NY)
- 5010 0610 HJOX R. Surcolombiana:Sp.w/mx,IDs,tlk (544,1/1;Baron-PA)(1/3;Agner-NJ)(12/22;Day-CA)(1/6;Famularo-NJ)(12/12;Cleveland-CA)(12/20;Tannenwald-NY)(12/13;Yajko-PA)(12/30;Miller-OH)(1/9;Crews-FL)(12/28;Earhart-PA)
- 5032 0051 HJOT Brisas del Citará:Sp.w/LA mx, ID @ 0103 (333,12/21;Rodriguez-PR)
- 5075 0303 HJGC R. Sutatenza:Sp.w/ID over "Zippity Do Dah" mx,nx (333,1/9;Lovett-OH)(12/24;Cleveland-CA)(12/25;Day-CA)(12/7;Smith-FL)(1/1;Dawson-CA)
- 5095 0315 HJGG R. Sutatenza:Sp.w/mx pgm,OM DJ (444,12/23;Samuel-NY)(12/10;Carrick VA)(1/6;Famularo-NJ)(1/1;Thompson-NM)(12/13;Yajko-PA)(12/21;Yost-MI)
- 5951 0840 HJ?? R. Super de Medellín:Sp.w/pop mx IDs(343,12/18;Earhart-PA)(322,0230,1/2;Zilmer-WI)
- 6015 1145 HJDF R. Mira:Sp.w/tlk,Colombian mx,many IDs(443,12/22;Zilmer-WI)
- 6065 0430 HJAX R. Super:Sp.w/ID as "La Radio Super",LA mx,more IDs (333,12/15;Beal-WA)(12/19;Redman-IL)(12/18;Cleveland-CA)(12/23;Day-CA)(12/23;Famularo-NJ)(1/5;Brooker-MI)(12/23;Lanoue-MA)(1/3;Quinn-NY)(12/28;Wickett-MD)
- 6040 1145 HJLB LV del Tolima:Sp.w/tlk,music,ads,jingles (443,12/20;Zilmer-WI)(444,2247,12/30;Rodriguez-PR)
- 6085 0025 HJTF Ondas del Darién:Sp.w/vocal mx, ID @ 0026 (444,1/8;Rodriguez-PR)(433,1158,1/2;Zilmer-WI)
- 6095 0345 HJIW LV del Centro:Sp.w/"Voz del Centro" ID,LA music pgm (243,1/5;Day-CA)(343,0545,12/29;Lanoue-MA)
- 6115 0425 HJIE LV del Llano:Sp.w/Colombian mx,TCs as "hora Super",IDs (222,12/28;Redman-IL)
- 6125 0700 HJKE R. Continental:Sp.w/noticias @ 0700,LA mx (333,12/22;Day-CA)(433,0625,12/19;Redman-IL)(433,1150,1/7;Zilmer-WI)
- 6160 0655 HJKJ Emisora Nueva Granada:Sp.w/LA mx,HCN IDs, anmts as "La radio de Colombia" (433,12/21;Redman-IL)(443,0645,1/4;Beal-WA)(343,0655,1/11;Dawson-CA)(443,0640,12/22;Day-CA)



COSTA RICA

- 4832 0405 TIHB R. Capital:Sp.w/ID,LA pop mx (333,12/8;Brooker-MI)(1/5;Bodell-Hickman-WA)(12/28;Wickett-MD)(12/15;Jones-MS)(1/10;Redman-IL)(1/8;Crews-FL)(12/8;Tannenwald-NY)(12/20;Yost-MI)(12/14;Yajko-PA)(1/16;Whitehead-MA)
- 6006 1130 TIHB R. Reloj:Sp.w/LA mx,many IDs,TCs (333,12/25;Wickett-MD)(12/15;Tannenwald-NY)(12/25;Redman-IL)(12/22;Cleveland-CA)
- 6150 1230 TIRS R. Atenea:Sp.w/LA mx pgm,ID as "Atenea 975" (333,1/5;Rodriguez-PR)
- 6175 0412 TIFC Faro del Caribe:Eng.w/ID,Bible Study (333,12/28;Miller-OH)

CUBA

- 9525 0600 RHC:Eng.w/Cuban mx,"PROFILES" pgm (343,12/23;Beal-WA)(444,0630,12/31;Gaede-CA)
- 9540 2330 RHC:Sp.w/Cuban mx pgm.,ID @ 2330 & 0000 (433,1/9;Beal-WA)
- 9550 0500 RHC:Sp.w/mx,tlk (444,12/13;MacCoy-AZ)(222,0300,1/12;Gaede-CA)
- 11930 0238 RHC:Eng.w/nx,cmntry, ID,P.O. BOX 7026 pgm,Voice of Vietnam pgm (454,12/19;Famularo-NJ)(444,0130,1/4;Davidonis-MA)
- 11960 *1432 RHC:Sp.w/IS,sign on anmts,into mx pgm (444,12/22;Carrick-VA)(111,12/24,2110;Beal-WA)(544,*2157,12/13;Famularo-NJ)
- 15230 1900 RHC:Sp.w/Castro speech,nx (344,12/27;MacCoy-AZ)
- 15300 2230 RHC:Sp.w/IS, ID,into mx pgm (333,12/26;Quinn-NY)(12/28;MacCoy-AZ)
- 15340 2150 RHC:Sp.w/YL ancr. Martial mx (332,12/23;MacCoy-AZ)
- 17705 1955 RHC:Sp.w/music,anmts (353,1/1;Trubee-HI)(12/28;MacCoy-AZ)
- 17735 2000 RHC:Sp.w/tlk,mx, ID. Not // 17885 (343,12/29;Trauttschold-WI)(1/1;Trubee-HI)(12/10;Carrick-VA)(12/28;MacCoy-AZ)
- 17885 2120 RHC:Eng.w/VOICE OF VIETNAM pgm, ID (353,12/12;Famularo-NJ)(12/24;Beal-WA)(1/4;Day-CA)(1/1;Trubee-HI)(12/3;Smith-FL)(12/29;Trauttschold-WI)(12/28;MacCoy-AZ)

DOMINICAN REPUBLIC

- 4807 0545 HIAQ R. Norte:Sp.w/pop mx, ID (343,1/11;Oliver-NH)(12/28; Wickett-MD)(12/15;Jones-MS)(12/12;Redman-IL)12/24;Cleveland CA)(12/18;Day-CA)(12/29;Yajko-PA)(12/24;MacCoy-AZ)(12/26; Lanoue-MA)(12/20;Yost-MI) qSL letter and pennants out soon to all reporters says stn. Tnx go to Eduardo Rodriguez-PR)
- 4825 0347 HIFA LV de las Fuerzas Armadas:Sp.w/lt mx pgm (333,12/24; Cleveland-CA)(433,0100,12/28;Yajko-PA)(343,12/22;Lanoue-MA)
- 4850 0240 HIRL R. Clarín:Sp.w/LA pop mx,IDs (333,12/21;Scott-FL)(12/14; Beal-WA)(12/12;Redman-IL)(12/24;Lovett-OH)(1/5;Hodell-Hickman-WA)(12/12;Famularo-NJ)(1/1;Baron-PA)12/23;Tannenwald-NY)(12/14;Yajko-PA)(12/31;MacCoy-AZ)(1/8;Crews-FL)(12/20;Yost-MI)12/24;Cleveland-CA) Now has Eng./Sp. IDs in evenings.
- 4882 0745 HIJP R. Comercial:Sp.w/TCS, ID, LA mx (444,12/28;Wickett-MD)(12/12;Redman-IL)(12/18;Cleveland-CA)(12/31;Yajko-PA)(12/20; MacCoy-AZ)
- 4930 0525 HIBE R. Mil:Sp.w/IDs,music (333,12/25;Yost-MI)(12/22;Lanoue-MA)(12/18;Redman-IL)
- 5030 0620 HIBB LV de Papagayo:Sp.w/non stop LA mx,IDs @ 15 min intervals (322,1/6;Redman-IL)(12/31;MacCoy-AZ)(12/28;Wickett-MD)
- 5970 2228 HISD R. TV Dominicana:Sp.w/ID,tlk,mx (422,12/18;Zilmer-WI)
- 6218 0115 HIAU LV de La Libertad:Sp.w/combo type mx,few anmts (444,12/24; Vecchiola-PA)(253,2210,12/23;Lanoue-MA)(342,12/24;Cleveland)
- 9505 0100 HISD R. TV Dominicana:Eng.w/nx,music,into Sp. pgmning (423,12/17;Suddick-MI)(333,0258,12/24;Day-CA)
- 9765 1452 HIJP R. Comercial:Sp.w/rel. pgm-hrd one time only (443,12/15; Rodriguez-PR) Probably a 2x harmonic, Eduardo
- 11700 2255 HIRL R. Clarín:Sp.w/CLARIN INFORMATIVO pgm,mx pgm on past 0200 (444,1/7;Lovett-OH)(12/19;Jones-MS)(12/22;Carrick-VA)(1/5; Day-CA)(1/10;Moore-PA)12/21;Agner-NJ)(12/19;Zilmer-WI)(12/20;Grider-MD)(1/6;Thompson-NM)(12/28;Miller-OH)(12/20;Yost-MI)(12/20;Hauser-OK)

ECUADOR

- 3260 0333* HCOS4 LV del Rio Carrizal:Sp.w/mx pgm til s/off with Anthem (-3,12/20;Neumann-IN)
- 3270 0430 HCEJ6 R. Cosmopolita:Sp.w/Ecuadorian mx,IDs,off @ 0438 w/anthem (353,1/5;Sparks-CA)(-3,0335,12/30;Neumann-IN)(232,0430, 12/29;Whitehead-MA)(323,0445,12/31;Marshall-ONT)
- 3280 0311 HCVN7 LV del Napo:Sp.w/OM tlk,heavy QRN (252,1/5;Hickman-WA)
- 3325 0526 HCHA2 Ondas Quevedanas:Sp.w/LA & Ecuadorian mx, ID @ 0530 (333, 1/3;Rodriguez-PR)(333,0307,12/29;Lanoue-MA)
- 3381 1135 HCRY4 R. Iris:Sp.w/anmts,ads,mx (332,1/3;Marshall-ONT)(343,0420, 0420,1/2;Sparks-CA)(-2,0255,12/30;Neumann-IN)
- 3390 0410 HCOT1 R. Zaracay:Sp.w/orch. mx, ID @ 0459 s/off (333,12/12;Thompson-NM)(1/9;Cleveland-CA)(12/15;Jones-MS)(1/5;Hickman-WA)(12/30;Moore-PA)(12/23;Lanoue-MA)
- 4679 0210 HCWE1 R. Nacional Espejo:Sp.w/IDs,mx pgm (354,12/24;Carrick-VA)(12/12;Famularo-NJ)(12/19;Redman-IL)(12/28;Thompson-NM)(12/29;Day-CA)(1/1;Agner-NJ)(12/31;MacCoy-AZ) CA
- 4780 0450 HCMQ1 R. Atahualpa:Sp.w/pop mx, ID @ 0502 off (353,12/28;Sparks-CA)
- 4800 0735 HCMB5 R. Popular Independiente:Sp.w/Ecuadorian mx, ID as "Radio Popular" (322,12/30;Marshall-ONT)(322,0650,1/6;Redman-IL)(322,0534,1/2;Rodriguez-PR)
- 4820 0930 HCRT6 R. Paz y Bien:Sp.w/anthem, ID, freq. anmt, pgm notes (444, 12/27;Marshall-ONT)
- 4825 0425 HCAV3 R. Luz y Vida:Sp.w/Inst. & Organ mx,few IDs or anmts (333,12/14;Carrick-MD)(433,0615,12/27;Rodriguez-PR)
- 4900 0424 HCVS6 R. Libertador:Sp.w/ID as "LV del Sasquisilí", andean mx (232,1/2;Rodriguez-PR)(232,1045,1/1;Marshall-ONT)
- 4910 0244 HCMJ1 Emisoras Gran Colombia:Sp.w/"Puntada Musical" pgm (433, 12/25;Rodriguez-PR)(332,1120,12/31;Marshall-ONT)
- 4930 0100 HCCR1 Radiodifusora Casa de la Cultura Ecuatoriana:Sp.w/radio-novela, ID w/chimes (332,1/9;Whitehead-MA)(12/21;Rodriguez-PR)
- 4960 0104 HCFS R. Federacion:Sp.w/andean mx pgm, ID (433,1/2;Rodriguez-PR)(332,0600,12/25;Cleveland-CA)(444,1125,12/30;Hauser-OK)
- 5019 0317 HCVC3 R. Centinela del Sur:Sp.w/LA mx pgm, plug for "Noche con sus Estrellas" (333,12/15;Rodriguez-PR)
- 5025 0000 HCOS5 R. Splendid:Sp.w/local and Christmas mx,tlk, ID @ 0033 (433,12/24;Zilmer-WI)

ECUADOR (cont.)

5060 0213 HCEH3 R. Nacional Progreso:Sp.w/ID @ 0215,Ecuadorian mx (242, 12/15;Rodriguez-PR)(12/21;Cleveland-CA)(1/3;Marshall-ONT)

FRENCH GUYANA

3385 2355 O.R.T.F. Cayenne:Fr.w/OM & YL tlk,laughing (322,12/12; -PA) Vecchiola-PA)(1/2;Marshall-ONT)(1/11;Carrick-VA)(12/28;Moore

GALAPAGOS ISLANDS

4810 1237 HCVG8 LV de los Galápagos:Sp.w/ID,Andean mx,heavy het noted (--2 to --3,1/4;Hauser-OK)

GUATEMALA

2200 0600 TG? R. Superior:Sp.w/CST TCs, slogan "la emisora más querida de este pueblo",almacén ad 0604 (343,1/5;Hauser-OK) 1s 2x harm.

2940 0802 TGRY R. Rosa:Sp.w/TENTATIVE logging of LA mx,anmts, Was too sleepy to wait for ID (252,1/1;Moore-PA)

3300 0300. TGNC R. Cultural:Eng.w/BACK TO THE BIBLE pgm (443,12/31;Vecchiola-PA)(12/16;Redman-IL)(12/30;Neumann-IN)(1/5;Hickman-WA)(12/21;Agner-NJ)(12/25;Grider-MD)(12/31;Thompson-NM)

3325 0600 TGBA R. Maya:Sp.w/Christmas mx, ID (353,12/25;Sparks-CA)(12/29; Zilmer-WI)(1/4;Lanoue-MA)(12/23;Miller-OH)

3360 0234 TGVN LV de Nahualá:Sp.w/a marimba mx pgm (433,1/5;Hickman-WA)(12/11;Cleveland-CA)(12/29;Marshall-ONT)(12/27;Grider-MD,

3380 0440 TGCH R. Chortís:Sp.w/marimba mx,full ID (433,1/1;Agner-NJ)(332,0505,12/28;Cleveland-CA)(--3,0300,12/30;Neumann-IN)

4835 0256* TGTZ R. Tesulután:Sp.w/IDs,freqs. @ off (323,12/22;Jones-MS)(233,0155,1/2;Moore-PA)(432,0100,12/23;Hauser-OK)

9759 1748 TGWA LV de Guatemala:Sp.w/"Guatemala es primero" promo"Amazing Grace" IS. Don't confuse with 4VEH(???,1/9;Hauser-OK)

GUYANA

3265 0325 R. Demerara:Eng.w/US pop mx, (--3,12/30;Neumann-IN)

3290 0305 GBS Action Radio:Eng.w/MUSIC 5 pgm (433,12/29;Whitehead-Lobdell-MA)(12/29;Bodell-OR)(12/28;Wickett-MD)(12/30;Gavaras-MN)(12/31;Vecchiola-PA)(1/5;Hickman-WA)(12/24;Miller-OH)(12/30;Neumann-IN)(12/28;Moore-PA)

5950 0015 GBS Action Radio:Eng.w/pgm of carols,ads,dedications, ID in passing as"GBS Action Radio"(243,12/23;Hauser-OK)(343,0945,12/23,w/nx,Christmas music @ 0945;Marshall-ONT)

HAITI

3345 0130 4VSO R. 4VEH:Fr.w/rel. pgm (333,12/27;Grider-MD)(444,1135,12/14; Carrick-VA)(221,0005,12/13;Vecchiola-PA)

9770 1245 4VEH R. 4VEH:Eng.w/rel. pgm (444,12/22;Suddick-MI)(232,1208,12/23;Famularo-NJ)

11835 1215 4VEJ R. 4VEH:Eng.w/rel. tlk (333,1/8;Davidonis-MA)(12/10;Carrick-VA)(12/25;Vecchiola-PA)(12/25;Sauu-MI)(12/10;Hauser-OK)

HONDURAS

4780v 0358 HRRZ R. Juticalpa:Sp.w/mx,many "Hora Juticalpa" anmts,ads (353 12/28;Moore-PA)(332,0445,1/9;Day-CA)(433,0455,12/31;Redman-IL)

4820 0330 HRVC LV Evangélica:Eng.w/rel. mx (322,12/25;Sauu-MI)(12/28; Yajko-PA)(12/29;Day-CA)(12/23;Suddick-MI)

4920 0455 HRPL3 R. Progreso:Sp.w/pop mx,nx (333,12/31;Lovett-OH)(12/31; Baron-PA)(1/4;Beal-WA)(12/24;Cleveland-CA)(12/14;Yajko-PA)(12/14;Scott-FL)(12/31;Redman-IL)(12/28;Lanoue-MA)(12/18; Thompson-NM)(12/22;Yost-MI)(1/1;Hauser-OK)

5875 0020 HRN LV de Honduras:Sp.w/slogan "Emisoras de mi pueblo" (222, 1/2;Rodriguez-PR)(322,0300,1/10;Redman-IL)

5960 1415 HRRH LV de Occidente:Sp.w/IDw/electronic ripple stinger(???, 12/27;Hauser-OK)

12150 2210 HRMH LV del Junco:Sp.w/romantic mx,ads,TCs (354,12/10;Hauser-OK)

MARTINIQUE

5995 1137 O.R.T.F. Fort de France:Fr.w/OM & YL tlks,mention Martinique (322,12/25;Wickett-MD)(444,1745,12/25;Rodriguez-PR)

MEXICO

6115 0047 XEUDS R. Universidad de Sonora:Sp.w/music pgm (444,12/22; Froemming-AZ)

MEXICO (cont.)

- 9515 1514 XEWV LV de America Latina:Sp.w/light mx,IDs on half hour (252, 12/29;Lanoue-MA)
 9767v 1800 XEYU R. Universidad:Sp.w/cl mx,ID @ 1800,het w/ 9770 up and every minute (???,12/25;Hauser-OK)
 11770 0055 XERMX R. México:Sp.w/ID,mx pgm (333,12/19;Wickett-MD)(454,2312, 12/14;Famularo-NJ)
 11820 2116 XEBH La Pantera:Sp.w/relay of "24 horas de XEW" nx pgm (354, ??/??;hauser-OK)
 11835 2330 XEBH La Pantera:Sp.w/ID, Christmas mx,wiped out by VOA s/on on 11830. What they doing up here (322,12/19;Cleveland-CA)
 11880 2345 XERH R. Seis:Sp.w/mx,tlk,IDs.(333,12/29;Trautschold-WI)(12/29; Hauser-OK)(12/30;Cleveland-CA)(12/29;Beal-WA)(12/29;Redman)
 15110 2245 XERH R. Seis:Sp.w/IDs,ads,TCs,LA mx (444,12/27;Wickett-MD)(12/ 29;Redman-IL)(1/8;Beal-WA)(1/2;Rodriguez-PR)(12/22;Yost-MI) (12/27;Thompson-NM)(1/8;Hauser-OK) Is formerly R. Tricolor and R. Fiesta. Maybe we'll have a new name next month too!!
 15125 2300 XERMX R. México:Sp.w/tlks,mx (444,12/15;Redman-IL)

NICARAGUA

- 2200 0536 YNQ Emisora La Lfder:Sp.w/"hora oficial",ads,TC, Paul Anka mx (344,12/14;Hauser-OK)(354,0537,12/25;Moore-PA) Is 2x 1100
 2930 0220 YNTJ Ecos de las Brumas:Sp.w/LA mx,0220 date,TC for 9:25 "en los estudios de Radio Ecos de las Brumas"(--2,1/1;Hauser-OK)
 9580 1430 YNTP R. Mar:Sp.w/ID, LA mx pgm (333,12/24;Carrick-VA)

PARAGUAY

- 6025 0905 ZPA1 R. Nacional:Sp.w/Paraguayan mx,freq. anmts, IDs (232, 12/23;Marshall-ONT)(232,0900,1/12;Sparks-CA)(243,0924,1/11, w/"Programa Informativo de R. Nac. de Paraguay";Szot-CA)

PERU

- 3240 0030 OBX4U R. América:Sp.w/singing ads,LA pop mx,ID (242,1/3;Miller-OH)(12/29;Bodell-OR)(1/1;Moore-PA)(1/2;Marshall-ONT)
 4788 0355 OAX8F R. Atlántida:Sp.w/LA music,comls.,ID (322,12/31;Yajko-PA) (1/5;Brooker-MI)(12/25;Wickett-MD)(12/31;Redman-IL)(1/7; Cleveland-CA)(12/16;Vecchiola-PA)(12/23;Lanoue-MA)
 4826 0545 OAX8R LV de la Selva:Sp.w/Andean mx,YL ancr.,final ID and off at 0609 (353,12/24;Sparks-CA)
 4840 1108 OBX5E R. Andahuaylas:Sp.w/TENTATIVE reception of non stop Andean mx,splatter from Clarín (111,1/1;Marshall-ONT)
 4860 1115 OBZ4Z R. Chinchaycocha:Sp.w/TENTATIVE logging of Mexican no ID hrd (211,1/1;Marshall-ONT)
 4996 0905 OAZ4C R. Andina:Sp.w/Andean mx,WWV QRM (433,12/25;Cleveland-CA) (322,1035,12/31;Marshall-ONT)(333,0411,12/27;Rodriguez-PR)
 5005 1015 OAX2S R. Jaén:Sp.w/Andean mx,ID @ 10:28 (321,12/31;Marshall-ONT)
 5025 1021 OAX7Q R. Quillabamba:Sp.w/Andean string mx,occasional vocal,ID (343,1/4;Earhart-PA)(12/30;Sparks-CA)(12/31;Marshall-ONT)
 5040 0810 OAX2K R. Libertad:Sp.w/Andean mx,ID (321,12/22;Cleveland-CA) (444,0702,1/2;Rodriguez-PR)(343,0915,12/27;Marshall-ONT)
 6045 2303 OCY4H R. Santa Rosa:Sp.w/"RUCUERDOS JUVENILES" pgm,TCs,IDs (433,12/10;Rodriguez-PR)
 6095 0035 OAX4H R. Nacional Mil Ochenta:Sp.w/full ID, Andean music (332, 12/25;Cleveland-CA)
 9562 2315 OAX4R R. Nacional:Sp.w/IDs by OM,tlk (423,1/6;Oliver-NH)
 9675 1159 OAZ4L R. del Pacífico:Sp.w/rel. pgm (332,12/27;Zilmer-WI)

TURKS & CAICOS

- 4788 0036 Radio VS18:Eng.w/BBC nx theme 2229,local DJ poorly modulated as compared to music which was mostly soul beginning 2240,ID tentatively as R. 4788 @ 2309 (232,1/4;Hauser-OK)(12/25; Wickett-MD)(12/11;Grider-WD)(12/6;Gavaras-MN)(12/12;Vecchiola-PA)(12/30;Carrick-VA)(12/23;Neumann-IN)(1/10;Oliver NH)(12/27;Marshall-ONT) Guess this no longer a rare catch!

URUGUAY

- 11835 0050 CXA19 R. El Espectador:Sp.w/pop mx,ads,rxcast (444,12/31;Carrick -VA)(12/25;Hauser-OK)(12/20;Rodriguez-PR)(12/28;Marshall-ONT)(12/27;Cleveland-CA)

VENEZUELA

- 2340 0753 YVPL R. Nueva Esparta:Sp.w/Christmas mx,YL DJ,ID @ 0801 as
"R. Nueva Esparta desde Porlamar" (232,12/25;Szot-CA)
- 3215 0115 YVZV Ondas Panamericanas:Sp.w/TENTATIVE logging of Venezuelan
music,ad for ron Colonial Añejo (252,1/8;Moore-PA)
- 3225 0040 YVTC R. Occidente:Sp.w/Children's chorus,ID @0043 (222,12/27;
Grider-MD)(322,0110,12/24;Miller-OH)
- 3255 0418 YVQL LV de El Tigre:Sp.w/fiesta mx,ads for "Banco General",
ID @ 0438 (353,1/1;Sparks-CA)(423,0414,1/6;Agner-NJ)
- 3275 0227 YVMC R. Mara:Sp.w/mx,both inst & vocal (252,1/5;Hickman-WA)
(12/29;Bodell-OR)(12/21;Wickett-MD)(12/25;Grider-MD)(1/1;
Agner-NJ)
- 3295 0240 YVOG R. Trujillo:Sp.w/IDs,Christmas greetings,Venezuelan mx
(353,12/23;Moore-PA)
- 3315 0340 YVLI R. Maracay:Sp.w/LA mx,orch mx,vocals,ID @ 0407 s/off
(333,12/31;Thompson-NM)
- 3325 0245 YVRA R. Monagas:Sp.w/DJ chatter,birthday deds,TC,ads,music
(343,12/29;Whitehead-MA)(12/28;Grider-MD)(1/5;Bodell-WA)
(12/30;Neumann-IN)
- 3395 0305 YVOJ R. Universidad:Sp.w/jazz mx pgm,CW QRM (--4,12/30;Neumann-
IN)(1/5;Hickman-WA)(12/27;Grider-MD)(12/29;Bodell-OR)(12/23;
Lanoue-MA)(1/7;Whitehead-MA)
- 4770 0225 YVNW R. Bolivar:Sp.w/mx,tlk over mx,many IDs (343,12/16;Vec-
chiola-PA)(444,1010,12/18;Redman-IL)
- 4780 0320 YVLA LV de Carabobo:Sp.w/recorded spots,interview with 2 OM
(343,1/5;Day-CA)(433,1040,12/16;Redman-IL)
- 4800 0200 YVMO R. Lara:Sp.w/typical Venezuelan mx,ads,ID (444,12/24;
Carrick-VA)(1/7;Redman-IL)(12/29;Yajko-PA)(12/22;Wickett-MD)
- 4810 0640 YVMG R. Popular:Sp.w/mx,TC,ID (333,1/9;Crews-FL)(433,0150,12/
29;Yajko-PA)(333,1120,12/15;Jones-MS)
- 4820 0448 YVTA R. Tricolor:Sp.w/"Felices Navidades" anmts,Venezuelan mx
(333,12/25;Moore-PA)
- 4840 0310 YVOI R. Valera:Sp.w/comls,IDs (322,12/31;Yajko-PA)
- 4860 1140 YVQE R. Maracaibo:Sp.w/music,anmts,ID (333,1/4;Lanoue-MA)(322,
1035,1/7;Redman-IL)(343,0940,12/14;Beal-WA)(332,0930,1/4;Day)
- 4870 0015 YVKF R. Tropical:Sp.w/tlk,ID faintly readable @ 0017 (211,-CA)
12/15;Beal-WA)(333,0345,12/28;Moore-PA)
- 4890 0353 YVKB Radiodifusora Venezuela:Sp.w/U.S. rock mx,IDs (444,12/31;
Redman-IL)(443,0330,1/6;Cleveland-CA)(343,2225,12/28;Lanoue-
MA)
- 4900 0230 YVNK R. Juventud:Sp.w/LA orch mx, IDs, (444,12/28;
Thompson-NM)(1/1;Day-CA)(12/24;Cleveland-CA)(12/31;Redman-IL)
- 4930 0037 YVMI LV de la Pé:Sp.w/LA mx, ID, under R. Mil (222,1/8;Moore-PA)
- 4940 0020 YVPA R. Yaracuy:Sp.w/IDs,pop LA music (434,12/28;Yajko-PA)
(444,0500,12/12;Thompson-NM)(444,1025,12/16;Redman-IL)
- 4950 0315 YVNM R. Coro:Sp.w/pop LA mx,ID (333,1/1;Day-CA)(333,0340,12/8;
w/pop mx,0400 sign off w/ anthem;Brooker-MI)
- 4970 1000 YVLK R. Rumbos:Sp.w/music,ads,IDs (433,12/17;Tannenwald-NY)
(12/28;Wickett-MD)(1/8;Crews-FL)(11/30;Yost-MI)(12/31;Mac-
Coy-AZ)(12/17;Thompson-NM)(12/12;Beal-WA)(1/8;Getzel-NY)
12/29;Quinn-NY)(12/16;Redman-IL)
- 4980 0015 YVOC Ecos del Torbes:Sp.w/ads,many IDs,Christmas greetings,mx
(333,12/16;Famularo-NJ)(12/23;Quinn-NY)(12/19;Lovett-OH)
(1/4;Thompson-NM)(12/16;Redman-IL)(12/4;Tannenwald-NY)(12/
12;Yajko-PA)(12/21;Wickett-MD)(1/1;Dawson-CA)
- 4990 0311 YVMQ R. Barquisimeto:Sp.w/mx,IDs as "R. Barquisimeto Inter-
nacional" (433,12/27;Wickett-MD)(12/12;Yajko-PA)(12/18;
Redman-IL)(12/23;Yost-MI)(12/23;Quinn-NY)
- 5030 0450 YVMK R. Continente:Sp.w/"La Música que Llega al Corazón" pgm
(443,12/12;Cleveland-CA)(12/28;Hauser-OK)(12/22;Wickett-MD)
(1/7;Redman-IL)(1/1;Thompson-NM)(12/31;Yajko-PA)(12/24;
Tannenwald-NY)(1/17;Whitehead-MA)
- 6070 1155 YVSR R. San Sebastian:Sp.w/tlk,mx (433,12/22;Zilmer-WI)
- 6120 1410 YVSX R. Angostura:Sp.w/Baseball game (443,12/15;Rodriguez-PR)
- 6180 1213 YVSD R. Turismo:Sp.w/ID,Venezuelan mx,in the mud, VOA QRM made
it difficult to pull out (322,12/27;Zilmer-WI)
- 9510 1345 YVXJ R. Barquisimeto:Sp.w/ID,LA mx (353,12/24;Carrick-VA)
(444,12/16;Redman-IL)

WINDWARD ISLANDS

- 5015 2250 R. Grenada:Eng.w/tlk on spts (322,1/3;Sputo-FL)(1/8;Richmond-CT)
- 9550 1800 R. Grenada:Eng.w/BBC nx,ID,into Newsreel(333.12/31;Wickett-MD)

SWB, DX - EUROPE/AFRICA



Trans World Radio



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

Robert Butterfield
 P.O. Box 398
 Belmont, Massachusetts
 02178

-Africa-

AFARS AND ISSAS

4780 0412 Office de Radiodiffusion Television Francaise, Djibouti:
 Fr w/ Ar mx w/ yl dj, 0440 tlk (222 1/9 Rodriguez-PR);(232
 0310 12/23 Earhart-PA)

ALGERIA

9705 1135 Radiodiffusion-Television Algerienne: Ar w/ Koran reading
 (343 12/13 Earhart-PA)
 11810 1930 RTVA: Ar nx (333 12/29 Oliver-NH)
 11835 0955 RTVA: Fr w/ piano mx, ID, IS to 1000* (322 12/18 Chaffin-
 CAMEROON)
 21565 1410 RTVA: Ar w/ instr mx, songs (242 12/31 Earhart-PA)

ANGOLA

3375 2135 Emissora Oficial: Port w/ tlk (232 12/30 RADIO CLUBE DA HUILA
 Marshall-ONTARIO)
 4795t 2222 R. Comercial: Port w/ afro mx (232 12/28
 Moore-PA)
 4886t 2146 A Voz de Teixeira da Sousa: Port w/ afro mx,
 tlks, chimes (232 12/26 Miller-OH)
 4985 *0400 R. Ecclesia: Port w/ rel and lt mx, rel
 service at 0445 (--4 12/27 Henderson-MD)
 5030 2115 R. Clube de Cabinda: Port w/ U.S. and Port
 pop mx, ads (242 12/30 Miller-OH)
 5060 2050 R. Clube de Huambo: Port w/ pop mx (353
 12/21 Carrick-VA)
 5192 0530 R. Clube do Moxico: Port w/ chimes, bells, IS (--3 12/27
 Henderson-MD)
 5338.4 0600 Emissora Oficial?: Port, definitely an Angolian sta here,
 mentioned Moxico many times, also mentioned Cuanzo Sul
 several times. Anncd Emissora Oficial, Nacional, a number
 of times at 0600 s/on (--4 12/24 Henderson-MD)
 7215 0713 R. Ecclesia: Port w/ native mx, 0730 ID (322 12/22 Cleveland-
 CA)
 9535 0538 Emissora Oficial: Port tlk, mx, 0600 ID (333 12/28 Hauser-OK)



SA DA BANDEIRA
 (ANGOLA)

ASCENSION ISLAND

7105 0555 BBC, Atlantic Relay: Eng w/ nx 0600 (534 12/19 Chaffin-
 CAMEROON)
 15260 2000 BBC: Eng IS, ID, fqy, nx (433 12/20 Beal-WA)

BOTSWANA

4845 *0400 R. Botswana: Eng/Setswana w/ IS, anth, ID, tlk, afro mx
 (333 1/6 Sparks-CA)

BURUNDI

4900 0410 R. Cordac: Fr tlks, afro rel mx, ID @ 0413 "Ici Burundi"
 (131 12/29 Wallace-PA);(333 12/27 Henderson-MD);(232 0430
 12/24 Carrick-VA)

CENTRAL AFRICAN REPUBLIC

5038 2130 Radiodiffusion Nationale Centrafricaine: Fr w/ drum mx,
 s/off 0300 w/ ID, anthem (333 12/21 Carrick-VA);(333 2046
 12/25 Earhart-PA)

CHAD

4904.5 2115 Radiodiffusion Nationale Tchadienne: Fr w/ afro mx, ID,
 (253 12/23 Lanoue-MA);(434 12/27 Wallace-PA);(353 12/22 Carrick-VA)

CONGO, PEOPLE'S REPUBLIC OF THE

4765 0520 Radiodiffusion Television Congolaise: Fr w/ tlk, some native mx (333 12/24 Cleveland-CA);(212 0545 12/24 MacCoy-AZ); (222 12/24 0530 Wallace-PA)
 6115 0550 RTVC: Fr w/ local mx, tlk, ID (333 12/29 Wallace-PA)
 15190 1950 RTVC: Fr w/ native mx, tlks (443 1/6 Cleveland-CA);(444 2030 12/24 Rodriguez-PR)

DAHOMY

4870 *0510 La Voix de la Revolution:(Lang?)w/ drum IS, ID, nx (332 12/27 Wallace-PA) Please, include all info, what's the lang Steve? rfb.

EGYPT, ARAB REPUBLIC OF

9805 2156 R. Cairo: Eng mx, nx @ 2200, ID, to Eur (333 1/8 vic ett-MD);(434 2200 1/7 Suddick-MD)

ETHIOPIA

7165 0353 ELTF: Eng at 0400 w/ choral mx, ID's (333 12/24 Thompson-NM);(333 0425 1/5 Brooker-MI)
 11755 1800 ELTF: Fr ID, drum IS, into Hausa progr (444 12/10 Carrick-VA)
 11955 2000 ELTF: Eng rel tlk, mx, s/off (222 1/6 Suddick-MI)
 15245 1317 ELTF: Eng nx (333 12/19 Chaffin-CAMEROON)
 15320 1545 ELTF: Eng w/ rel mx, ID @ 1600 (322 12/17 Chaffin-CAMEROON)

EQUATORIAL GUINEA

4926 *0441 R. Ecuatorial: Sp w/ s/on, drum IS, afro mx (444 12/27 Henderson-MD);(333 0525 12/27 Wallace-PA);(221 0530 1/3 Marshall-ONTARIO)
 6250 2205 R. Malabo: Sp w/ mx, s/off 2230 w/ anthem (322 12/21 Mahoney-IN);(344 0630 12/31 Gavaras-MI);(232 0515 12/23 Earhart-PA); (232 2134 12/27 Miller-OH)

GABON

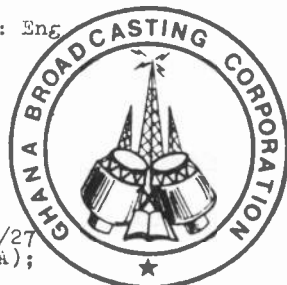
3350t 0420 Radiodiffusion Television Gabonaise: Fr w/ continuous afro mx, no ancmts (232 1/3 Sparks-CA)
 4777 2225 RTVG: Fr tlk (333 12/9 Gavaras-MN);(222 12/20 0540 MacCoy-AZ);(321 0604 12/21 Cleveland-CA);(423 0610 12/27 Wallace-PA)

GAMBIA

4820 2237 R. Gambia: Eng mx, ID (222 12/21 Carrick-VA);(151 0634 12/27 Moore-PA);(312 0630 12/27 Wallace-PA);(321 0713 12/14 Cleveland-CA)

GHANA

3350 0600 Ghana Broadcasting Corporation, Ejura: Eng ID into nx (332 12/31 Gavaras-IN)
 3366 0612 GBC, Accra: Eng nx (232 12/21 Bodell-OR);(333 0615 Wallace-PA);(444 2100 12/21 Carrick-VA);(343 2201 12/26 Miller-OH)
 4915 2015 GBC, Accra: Eng w/ nx, comtry, tlk (333 12/12 Junqua-JAPAN);(433 2145 12/17 Zilmer-WI);(243 0600 12/31 Day-CA);(333 0600 12/26 Gavaras-MN);(443 0605 12/14 Cleveland-CA);(444 0605 12/27 Rodriguez-PR);(343 0615 12/30 Bixby-CA); (333 0704 1/7 Crews-FL)
 4980 2125 GBC, Ejura: Eng w/ ancmt, native mx (353 12/22 Lanoue-MA); (332 12/14 Cleveland-CA)
 6130 2145 R. Ghana (GBC): Eng w/ native mx (333 1/1 Pimblett-ALBERTA); (433 2200 12/26 Zilmer-WI);(222 0630 12/24 Neumann-IN)
 9545 2105 R. Ghana (GBC): Eng tlk (433 1/1 Pimblett-ALBERTA);(443 2110 12/24 Earhart-PA);(433 2119 12/19 Famularo-NJ);(333 2120 1/8 Wickett-MD);(433 2130 12/9 Suddick-MI);(231 2130 1/7 Beal-VA);(444 2130 1/6 Agner-NJ);(444 2150 12/10 Carrick-VA)
 21545 1500 R. Ghana (GBC): Eng nx, press review, mx, comtry (333 12/11 Smith-FL)

GUINEA-BISSAU

5041t 0825 R. Bissau: port tlk, 1t mx (222 12/21 Mahoney/Neumann-IN)

GUINEA REPUBLIC

725_v 0330 Radiodiffusion Nationale: Fr w/ mx tp 0400, ID, nx (323 12/31 Gavaras-MN)
 9650 0017 R. Nationale: Fr w/ tlk, comtry, ID 0030, f/out (433 12/28 Agner-NJ);(222 0422 1/1 Getzel-NY);(333 12/22 0135 Bodell-OR)

IVORY COAST

4940 0600 Radiodiffusion Television Ivoirienne: Fr s/on w/ anthem, nx (444 12/20 Vecchiola-PA);(222 2120 12/23 Lanoue-MA)
 11920 1845 RVI: Eng nx headlines, afro mx, "Art, Style, Song", ID as "Radio Ivory Coast" (343 1/9 Lay-VA);(322 1940 12/23 Suddick-MI);(353 2030 in Fr 1/4 Thompson-NM);(433 2300 12/26 MacCoy-AZ);(333 2350 12/29 Trautschold-WI);(353 0000 1/1 Radtke-CA);(444 1805 12/10 Carrick-VA)

LESOTHO

4800 0412 R. Lesotho: Sesotho tlk, choral mx, ID 0413 (222 12/27 Henderson-MD);(211 0401 12/28 Wallace-PA)

LIBERIA

3227 0710 ELWA: Vern tlk (232 12/21 Mahoney/Neumann -IN);(332 0715 12/30 Marshall-ONTARIO)
 3255 2213 ELBC: Eng w/ mx, ID, vern nx 2230 (222 1/6 Mahoney-IN)
 3990 0415 VOA, Monrovia: Eng nx, ID, comtry (333 1/7 Thompson-NM)
 4770 2106 ELWA: Eng rel tlk, mx (343 12/24 Miller-OH);(332 0725 12/31 Day-CA)
 6035 0258 VOA: Eng IS, ID, "African Safari" (444 12/28 Moore-PA);(333 0350 12/13 Radtke-CA)
 9540 0435 VOA: Eng nx (433 12/20 MacCoy-AZ);(433 0515 1/11 Quinn-NY)
 9555 1915 ELWA: U/lang w/ tlk, native mx, s/off 1933 w/ IS, ID (443 12/25 Zilmer-WI)
 11915 2100 VOA: Eng ID, IS, into Hungarian prgr (444 12/23 Rogacki-NJ)
 11940 2045 ELWA: Eng nx (422 12/29 Pimblett-ALBERTA)
 11950 2030 ELWA: Eng w/ rel nx, nx (222 1/6 Suddick-MI);(454 2049 1/7 Vogel-PA)
 15120 2000 VOA: Eng nx, comtry (454 12/28 Thompson-NM)
 17870 1745 VOA: Eng nx, comtry (444 12/26 MacCoy-AZ)

MALAGASY REPUBLIC

11730 *2000 R. Nederland, Talata: Eng nx, mx, "Spotlight" (444 12/24 Bob & Maureen Raymond-MA);(443 1/1 Grider-MD);(353 2020 1/8 Mahoney-IN)
 17730 1534 Radiodiffusion Television Malagasy: Eng nx, pop mx (444 12/5 Chaffin-CAMEROON)

MALAWI

3380 0340 Malawi Broadcasting Service: Eng w/ local mx prgr (232 12/16 Neumann-IN);(242 2131 12/26 Miller-OH);(221 2145 12/30 Marshall-ONTARIO)

MALI

478_{3v} 2145 R. Mali: Fr tlks, mx (333 12/23 Neumann-IN);(252 2055 12/28 Moore-PA);(433 12/23 0710 Earhart-PA);(343 0700 1/6 Sparks-CA);(444 0645 12/27 Wallace-PA)
 5995 2219 R. Mali: Fr tlk prgr (353 12/22 Lanoue-MA)

MAURITANIA

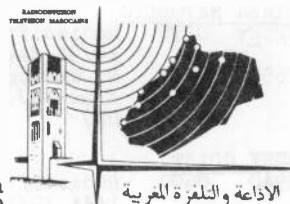
4845 2100 Radiodiffusion Nationale de Mauritanie: Ar tlks, Koran, no ID hrd, no doubt Famularo's Congo in Jan SPEEDX (232 1/9 Lay-VA);(343 2214 12/21 Carrick-VA);(344 2114 12/25 Gavaras-MN);(322 2120 12/28 Bob & Maureen Raymond-MA);(333 2144 12/24 Miller-OH);(444 2238 12/22 Lanoue-MA)
 7245 0955 Rdif Nat Mauritanie: Ar mx. anmt (333 12/29 Earhart-PA)

MOZAMBIQUE

3210_t 0405 R. Clube de Mocambique: Port "Lorenzo Marques Radio" w/ pop mx, anmt, f/out 343 ??? Sparks-CA)
 3265 2115 RCM: Eng w/ pop mx, New Year's Eve prgr (343 12/31-1/1 Washburn-ME);(353 0305 12/24 Moore-PA);(333 12/28 Grider-MD)
 4854_t 2049 RCM: Port tlk (--2 12/24 Henderson-MD)
 4896 0408 RCM: Afrikaans w/ mx, ads (444 12/27 Henderson-MD)
 11820 1505 RCM: Port w/ tlk, mx, ID 1554 (343 12/21 Junqua-JAPAN)

MOROCCO

- 6170 2245 Radiodiffusion Television
Marocaine: Ar w/ tlk, chanting mx
// 9515 (433 12/30 Zilmer-WI)
- 6190t 2240 RTVM: Ar mx, no ID hrd (253 12/28
Lanoue-MA)

NIGER

- 5020 0547 Office de Radiodiffusion Television
du Niger: Fr w/ afro mx, chants, ID
0550 (353 12/27 Moore-PA); (333 0534 12/23 Earhart-PA); (444
*0528 12/27 Wallace-PA)

NIGERIA

- 3396 2155 Nigerian Broadcasting Corporation, Kaduna: Eng w/ lt mx, ID
@ 2200, nx (353 12/22 Carrick-VA); (333 0545 1/1 Moore-PA)
- 4990 0558 NBC, Lagos: Eng w/ carols, ID, nx (343 12/21 Cleveland-CA)
- 6025 0555 NBC, Enugu: Vern w/ ancmt, afro mx, Eng ID, nx @ 0600 (343
12/13 Sparks-CA)
- 6050 0615 Western Nigerian Broadcasting Service, Ibadan: Eng comml
prgr, vern, ancmts, pop songs (343 12/13 Sparks-CA)
- 6090 0645 Radio Television Kaduna: Hausa tlk, afro mx (333 12/13
Sparks-CA)
- 6145 0600 NBC, Kalabar: Eng nx, ID, pop mx (333 12/27 Moore-PA)
- 6195 0545 NBC, Sokoto: Vern choral mx prgr, Eng ID @ 0600 into nx
(343 12/24 Carrick-VA); (343 0618 in vern 12/27 Moore-PA)
- 7275 *0600 Voice of Nigeria (NBC): Eng w/ IS, s/on, ID, nx (343 12/9
Gavaras-MN); (--2 0610 12/30 Black-IN); (333 0730 1/6 Crews-
FL)
- 15120 1710 Voice of Nigeria (NBC): Eng nx, ID @ 1715 (433 1/10 Oliver-
NH)

RHODESIA

- 3306 0330 Rhodesia Broadcasting Corporation: Eng w/ drum IS, ID as
"This is the African Service of the Rhodesian Broadcasting
Corporation" (232 12/28 Neumann-IN); (222 0329 12/31 Grider-
MD); (353 0336 12/17 Sparks-CA); (352 0340 12/24 Moore-PA);
(342 0359 12/23 Cleveland-CA); (222 0400 12/28 Vecchiola-PA);
(322 0426 12/27 Henderson-MD); (322 2130 12/28 Washburn-ME)
- 3396 1610 RBC: Eng w/ nx, wx, ID @ 1615 as "the RBC", into mx (322
12/19 Junqua-JAPAN); (343 0400 12/17 Sparks-CA)
- 4828 0458 RBC: Vern w/ IS, national anthem, tlk, mention Gwelo studios,
Eng pop mx (353 12/23 Moore-PA)

RWANDA

- 7225 0430 Deutsche Welle, Kigali: Eng nx, mx, ID 0430 (343 12/24
Thompson-NM)
- 11905 1940 DW: Eng tlk (433 12/6 Chaffin-CAMEROON)
- 17765 1232 Dw: Eng w/ intvw to West Africa (333 12/31 Earhart-PA)

SAO TOME E PRINCIPE

- 5338.3 *0600 Emissor Regional de Sao Tome e Principe: Port s/on, ID as
"Emissor Regional de Sao Tome", fqy, prgr summary, nx 0630,
song, ID, nx of Portugal, 0639 mx, 0657 tlk, 0700 more mx;
(333 12/27 Hauser-OK) also 2300 t/in w/ U.S. pop mx, no ancmts
and at 2359 after mx ancmt which seemed to mention only
Angola (444 12/28 Hauser-OK); (252 TENT 0615 Sparks-CA)

SENEGAL

- 3336 0655 Radiodiffusion du Senegal, Ziguinchor: Vern w/ tlk, 0701 IS,
Fr TC (221 12/30 Marshall-ONTARIO); (232 0726 12/21 Mahoney/
Neumann-IN)
- 4890 0612 Rdif du Senegal: Ar singing, abrupt off @ 0615 (243 12/21
Day-CA); (312 0615 12/27 Wallace-PA)

SEYCHELLES

- 11740 1730 Far East Broadcasting Association: Eng w/ ID 1800, fqys for
retuning (--3 12/27 Hauser-OK)
- 15160 0700 FEBA: Eng w/ BBC nx relay, mid-day magazine (434 12/13
Sridhar-INDIA)

SIERRA LEONE

3316 0700

Sierra Leone Broadcasting Service: Eng w/ BBC nx relay, comml ancmt, TC, local nx (322 12/29 Sparks-CA);(332 0705 12/30 Marshall-ONTARIO);(433 0705 12/27 Wallace-PA);(322 0725 12/21 Mahoney/Neumann-IN);(333 2120 12/27 Henderson-MD);(333 2130 12/15 Washburn-ME);(122 0626 Bodell-OR);(333 0647 1/1 Gavarras-MN)

5980 0800
0630*

SLBS: Eng w/ ID, mx (333 12/21 Crews-FL)
Deutsche Welle via Waterloo: SLBS apparently has turned over its frequencies and its 250 kw xmtr to DW, at least during certain hours, also found on 9630, ancmt of test as "Test broadcast from our new transmitter in Sierra Leone", also in French, asking for reports, off (444 1/9 Hauser-OK)

9630 2055

Deutsche Welle: Eng, Ger, Fr ID after IS at 2100 (-3 1/8; 1/10 Hauser-OK)

SOMALIA

7121.5t 1520

R. Mogadishu: U/lang w/ arabic type mx, QRM Chad 7120 (222 1/6 Bodell/Hickman-WA)

SOUTH AFRICA

3250 0108

SABC: Eng w/ pop mx (443 1/7 Cleveland-CA);(333 0148 12/27 Yajko-PA);(444 0200 Grider-MD);(343 0230 12/21 Thompson-NM);(343 0308 1/5 Hickman-WA);(333 2239 12/21 Rodriguez-PR)

3965 1630

SABC: Eng w/ spts, mx at 1640 (333 12/19 Junqua-JAPAN)

3980 0215

SABC: Eng w/ mx, nx, ads (444 1/7 Thompson-NM);(222 0334 12/30 Smith-FL)

3997 0313

SABC: Eng nx (322 12/26 Yajko-PA)

4810 2058

SABC: Eng w/ "Top Fourty", ads (444 ??? Lay-VA);(454 2107 12/28 Moore-PA);(354 2110 12/10 Carrick-VA);(332 2125 12/25 Earhart-PA);(444 2110 12/22 Lanoue-MA);(343 2200 12/24 Bob and Maureen Raymond-MA);(222 2224 12/24 Lovett-OH);(323 2331 12/5 Baron-PA)

7270 *0300

R. RSA: Eng w/ IS, s/on, nx (444 12/12 Famularo-NJ);(222 0307 1/9 Lovett-OH);(444 0325 12/17 Thompson-NM);(342 0430 1/11 Quinn-NY);(322 *2100 1/5 Bodell/Hickman-WA);(433 2138 1/1 Pimblett-ALBERTA)

9525 0345

R. RSA: Eng nx, mx (-4 12/30 Blake-IN);(333 0420 12/20 MacCoy-AZ);(444 *2100 12/24 Pimblett-ALBERTA);(454 2230 12/22 Thompson-NM);(444 2230 12/9 Suddick-MI)

11900 2100

R. RSA: Eng tlk (454 1/9 Vogel-PA);(343 2121 1/8 Wickett-MD);(444 2230 12/30 Froemming-AZ);(444 2236 12/15 Yajko-PA);(333 0713 9/6 Crews-FL)

SUDAN

5039t 0435

R. Omdurman: Ar w/ tlk (332 12/31 Marshall-ONTARIO)

7200 1840

R. Omdurman: U/lang w/ chants, ancmts (343 12/6 Chaffin-CAMEROON)

11835t 1820

R. Omdurman: Ar w/ mx, tlk (333 1/1 Bodell-OR)

SWAZILAND

3223 2130

Swazi Music Radio: Eng w/ rock mx, ancmts, past normal 2200 s/off w/ special New Year's Eve prgr (333 12/31-1/1 Washburn-ME);(343 2130 12/30 Miller-OH)



4980 0400

SMR: Eng prgr "Rise and Shine" after Venezuelan s/off, daily (-4 ??? Henderson-MD);(222 12/19 Lovett-OH);(333 0415 1/7 Lay-VA);(353 0415 12/17 Sparks-CA);(343 0415 1/4 Neumann-IN);(343 0432 1/8 Carrick-VA)

TANZANIA

3339 0345

R. Tanzania-Zanzibar: Swahili (WRTH) w/ arab mx, ancmts (232 12/29 Marshall-ONTARIO);(232 1/4 Earhart-PA);(242 12/28 Hauser-OK)

4785t 0618

R. Tanzania: Fr/Swahili w/ songs, ancmts (443 12/10 Earhart-PA)

5050 0315

R. Tanzania: Swahili w/ mx, brief Eng nx item, 0322 ID as "Radio Tanzania, Dae-es-Salaam (332 12/28 Hauser-OK)

15435 1900

R. Tanzania: Eng nx, tlk, mx, ID (222 12/30 Bob & Maureen Raymond-MA);(344 1/9 Lay-VA)

TOGO
5047 0530 Radiodiffusion du Togo: Fr w/ s/on, anthem, ID (453 12/20 Vecchiola-PA);(333 0530 12/21 Crews-FL);(252 0530 12/12 Radtke-CA);(444 0530 12/31 Gavaras-MN);(333 0615 12/14 Cleveland-CA);(332 0625 1/2 Day-CA);(343 2015 12/25 Earhart-PA);(333 2101 1/10 Lay-VA);(343 2128 12/23 Lanoue-MA);(444 2211 12/31 Wickett-MD);(444 2240 12/10 Carrick-VA);(343 2250 12/22 Rodriguez-PR)

UGANDA
5026 2058 R. Uganda: Eng w/ tlk, 2106 f/out (111 12/25 Gavaras-MN)

UPPER VOLTA
4815 0624 Radiodiffusion-Television Voltaique: Fr w/ drum mx, chants, ancmts @ 0627, nx 0630, ID (354 12/27 Moore-PA);(232 0625 12/21 Day-CA);(443 0644 12/27 Rodriguez-PR);(332 0644 12/14 Cleveland-CA);(232 0725 12/30 Marshall-ONTARIO);(322 2233 12/29 Bob & Maureen Raymond-MA);(333 2240 12/21 Carrick-VA)

ZAIRE
4839 2040 R. Bukavu: Fr/vern w/ native mx (443 12/24 Henderson-MD)
11862 1835 R. Lumbumbashi: Fr progr (--2 12/24 Hauser-OK);(444 1935 1/12 Bodell-OR)
15245 1845 La Voix du Zaire: Fr commtry, mx (242 12/25 Vecchiola-PA)

ZAMBIA
4910 0425 R. Zambia: U/lang w/ mx, sev IDs, nx in vern (343 12/28 Sparks-CA)
4951a 1640 R. Freedom, Voice of the African National Congress of South Africa, via R. Zambia: Eng pol tlk, nx 1704, u/lang 1714 (333 12/20 Junqua-JAPAN)
9580 1715 R. Zambia: Eng w/ rel progr, commtry (333 12/22+ Bodell-OR)
11880 0610 R. Zambia: Vern w/ mx, tlk (444 12/19 Chaffin-CAMEROON)

-Europe-

ALBANIA
6200 0130 R. Tirana: Eng nx, commtry (443 12/16 Famularo-NJ);(433 0140 12/29 Getzel-NY);(444 0145 12/17 Yajko-PA);(333 0230 12/9 Gavaras-MN);(444 0330 12/21 Wickett-MD)

AUSTRIA
6155 0130 Osterreichischer Rundfunk: Eng tlks (333 12/23 Quinn-NY); (433 0132 12/17 Yajko-PA)

AZORES
4865 2110 Emissor Regional dos Acores: Port w/ tlk, clear ID, into cl mx progr (354 12/28 Moore-PA);(312 12/27 2135 Wallace-PA)

BELGIUM
6055 0040 Radiodiffusion Television Belge: Eng s/on, ID, tlk (232 12/28 Van Himbergen-WI);(432 12/26 Zilmer-WI);(322 0045 12/15 Yajko-PA)
9730 2255 RTB: Eng "Belgium Speaking" (422 1/6 Zilmer-WI)
11855 2255 RTB: Eng "Belgium Speaking" to 2258 when WYFR s/on ko's (322 12/28 Zilmer-WI)

BULGARIA
9700 2130 R. Sofia: Eng w/ commtry (353 1/10 Vogel-PA);(333 2155 12/31 Yajko-PA)

CZECHOSLOVAKIA
5930 0059 R. Prague: Eng w/ IS, s/on, nx (433 1/14 Wickett-MD);(434 0110 1/10 Richmond-CT)
7345 0100 R. Prague: Eng w/ s/on, nx (333 1/11 Quinn-NY);(433 2005 12/27 Yajko-PA)

DENMARK
15165 1130 R. Denmark: Eng w/ s/on ID into Danish progr (243 1/2 Quinn-NY);(343 1357 12/21 Carrick-VA);(444 1358 12/30 Suddick-MI)

FINLAND

15185 *1400 R. Finland: Eng w/ letterbox (434 12/22 van Himbergen-MI);
 (433 1/2 Quinn-NY);(444 12/30 Suddick-MI);(444 12/31 Carrick-
 VA);(333 1402 12/13 Barhart-PA);(444 1408 12/25 Wickett-MD);
 (433 1415 1/12 Oliver-NH);(333 1425 1/11 Mulcahy-ENGLAND)

FRANCE

17765 1520 Office de Radiodiffusion Television Francaise: Fr tlks, ID
 into Eng nx 1541 (433 12/14 Famularo-NJ)

GERMANY, EAST

7260 2140 Radio Berlin International: Eng w/ quiz answers (322 12/8
 Chaffin-CAMEROON)

GERMANY, WEST

6185 0343 Deutsche Welle: Eng w/ mx, s/off (333 12/29 Wickett-MD);(323
 0540 12/27 Savu-MI)

GREAT BRITAIN

3951m 0544 BBC: Eng to Cen Eur (454 1/2 Yost-MI)
 7175 0620 VOA, Wofferton: Fr w/ pop mx, nx (433 12/19 Chaffin-CAMEROON)

GREECE

6015 2023 VOA, Rhodes: Eng, special Eng, mx (322 12/17 Chaffin-CAMEROON)
 7170 2109 VOA, Kavala: Eng nx, ID (312 1/2 Agner-NJ)
 7295 0645 VOA: Eng "Breakfast Show" (333 1/7 Crews-FL)
 11845 0543 VOA: Eng w/ mx (444 12/19 Chaffin-CAMEROON)
 11855 1430 VOA: Eng ID into Polish progr (322 1430 12/18 Oliver-NH)

HOLLAND

6155 *0159 R. Nederland: Eng w/ IS, nx (444 12/13 Yajko-PA);(444 0215
 1/7 Richmond-CT)
 9715 2147 R. Nederland: Eng w/ "DX Jukebox" (444 1/2 Nutter-KY)

HUNGARY

7180 2140 R. Budapest: Eng nx (--3 12/15 Blake-IN)

INTERNATIONAL WATERS

6210t 0350 R. Nova International:(TENT) Eng w/ rock mx, tlk by DJ, no
 positive ID hrd (252 12/31 Smith-TN)

ITALY

9575 0110 Radiotelevisione Italiana: Eng commtry (433 12/17 Yajko-PA)

LUXEMBOURG

6090 0002 R. Luxembourg: Eng w/ wx, rock mx (343 1/1 Bixby-CA);(444
 0100 12/29 Rogacki-NJ);(545 0015 12/31 Sputo-FL);(444 0120
 12/22 Carrick-VA);(323 0038 12/22 Savu-MI)

MALTA

6100 2103 R. Canada International via Nigret: Eng nx, spts (322 12/29
 Rogacki-NJ)

MONACO

7100 0715 Trans World Radio: Eng s/on, rel progr (232 12/21 Warren-CA);
 (444 0720 12/28 Wickett-MD);(433 0810 12/31 Agner-NJ)

NORWAY

17795 1400 R. Norway: Eng tlks (333 1/12 Oliver-NH);(423 12/22 Yajko-PA)

PORTUGAL

9670 2030 IBRA R.: Eng w/ ID, rel progr (444 12/19 Rodriguez-PR)

YUGOSLAVIA

9620 *2200 R. Belgrade: Eng nx (222 12/29 Pimblett-ALBERTA)

Ciao! Well, almost out of space, just wasn't enough space to even
 include the majority of the loggings sent in. A new record this month with
 seventy (70) contributors!!! Keep it up! A special thanks to new reporters:
 Roger Bernstein, Mark Bixby, C.S. Junqua, Ciaran Mulcahy, Ron Nutter,
 Charles Washburn, and Scott Yost. Also, glad to hear from Russ Lay and Bill
 Sparks, write more often guys.

73. Bob

ASIA-OCEANIA

MEL HICKMAN

Editor, Asia/Oceania

7409 S.E. 82nd

Portland, Oregon 97266

DEADLINE: 15th of the month



Frequencies in kilohertz Time and Date GMT Deadline: 15th
 A = approximate V = varies T = tentative M = measured *0000 = S/On 0000* = S/Off

FREQ TIME SIO LOCATION

ASIA

AFGHANISTAN

4775T 1420 222 WA R. Afghanistan: Eng (WRTH) w/Mideast mx, tx. (Bodell-Hickman 1/6)
 15195 1135 343 VA RA: Eng nx, cat, Afghan mx. (Carrick 12/14) 333 SCOT (Crawford)

BANGLADESH

4750T 1415 433 WA R. Bangladesh: Pushto to 1432, then Urdu. (Bodell-Hickman 1/6)
 4890 1535 333 JAPAN RB: English YL with news, comment, 1545*. (Junqua 12/19)

BURMA

BBS = Burma Broadcasting Service

5040V 1300 --- ECNA BBS: Burmese YL w/mx noted by Miller (OH) 343, Carrick (VA) 232, and Marshall (ONT) 333. Greetings Cedric, Welcome Aboard....MLH
 1445 --- CA BBS: Eng world nx noted by Cleveland at 422 and Davis at 434.

CHINA, P. R. OF

JKT = "People's Broadcasting Station" PLA = People's Liberation Army
 2200 1355 242 CA Fukien JKT: Chinese tx, mx not // 2340. (Sztot 12/18)
 2340 1340 353 CA Fukien JKT: Chinese w/English lessons. (Sztot 12/8) 1415 153 (Dawson)
 2350 1225 232 CA Shantung JKT: Chinese YL tlk. (Davis 12/31)
 2430 1220 232 CA PLA Fukien: Chin tlk // 2600, 3640, 3900, and 3535. (Davis 12/31)
 2475 1215 333 CA Chekiang JKT: Chinese mx. (Davis 12/30) also (Bodell-Hickman WA)
 3220 1334 --3 CA R. Peking: Chinese OM/YL alternating talks // 3290, 3450. (Sztot)
 3260 1153 322 WA Kweichow JKT: Chinese oratories. (Bodell-Hickman 1/5)
 3270 1609 333 JAPAN RP: English YL talk on Africa, ID at 1620 and 1628. (Junqua 12/24)
 3290 1207 454 CA RP: Chinese mx. (Davis 12/31) also Cleveland 433 at 1500.
 3300 1335 343 CA RP: Chinese drama // 4800 et al. (Snyder 1/11)
 3310 1153 222 WA Kirin JKT noted here with Chinese music. (Bodell-Hickman 1/5)
 3475 1256 454 CA Unid. stn here with Chinese opera. (Davis 12/30)
 3640 1530 322 OR PLA Fukien: Chinese OM/YL talks, musical bckgrnd. (Jessen 1/4)
 3900 1410 232 CA PLA Fukien: Chinese relay of RP to Taiwan, YL nx. (Sztot 12/18)
 3970 0900 222 HI Hahohot JKT: U/lang with mx and talks, 0901 ID. (Trubee 12/11)
 1440 443 CA RP: Chinese YL with vocal music. (Cleveland 12/27)
 4068 0945 242 HI Hahohot JKT: U/lang OM tlk, 1000 ID and time pipe. (Trubee 1/7)
 4110 1002 122 HI Sinkiang JKT: Chinese w/R. Stanki ID, YL tx. (Trubee 1/7)
 4370 1110 343 HI PLA Fukien: Chin OM tlk, possible shift from 4380. (Trubee 12/11)
 4460 1120 222 HI RP: Chinese male talking. (Trubee 12/11)
 4500 1100 212 HI Sinkiang JKT: Uighur (WRTH) opera, R. Stanki ID. (Trubee 12/11)
 1150 454 CA Sinkiang JKT: Chinese yl commentary. (Davis 12/31)
 4525 1115 222 HI Silihot JKT: U/lang with OM/YL talking. (Trubee 12/11)
 1349 232 CA Silihot JKT: Chinese Milton Berle w/jokes. (Snyder 1/4)
 4620 1321 343 CA RP: Chinese YL commentary. (Sztot 12/16)
 4750 1313 232 CA Hailar JKT: Chinese w/YL reading the news. (Sztot 12/6)
 4800 1326 322 CA RP: Chinese H. S. One with facsimile QRN. (Davis 12/30)
 4840 1630 232 OR PLA Fukien: Chinese YL talking. (Jessen 1/2)
 4915 1354 444 CA Wanning (?) noted here with OM Chinese talk. (Davis 12/31)
 4925 0945 343 CA Heilunkiang (?) JKT: Chinese play, much tlk, little mx. (Day)
 1610 454 CA Heilunkiang (?) JKT: Chinese YL talk. (Davis 12/30)
 4990 1350 444 CA Hunan JKT: Chinese male announcer commentating. (Davis 12/31)
 5040 0827 343 CA Fukien JKT: Chinese chorus w/piano, 0811 ID (?). (Day 1/4)
 5075 0940 211 HI RP: Chinese drama/opera // 6345 (343). (Trubee 12/17)
 5090 1335 333 CA RP Home Service noted in Chinese. (Davis 12/30)
 5125 1055 211 HI RP: Chinese with choir music. (Trubee 12/11)
 5145 1050 312 HI RP: Chinese music and announcements. (Trubee 12/11)

CHINA, P. R. OF (CONTINUED)

5163	1045	322	HI	RP: Chinese commentary by YL. (Trubee 12/11)
5170	1018	343	PA	FLA Fukien: Chinese OM/YL tx, mx // 5240 (242). (Earhart 12/29)
5265	*1000	353	PA	Unid Chinese with OM/YL talk, some string mx. (Earhart 1/4)
5860	2300	232	OK	Home Service here w/YL tlk, time tones, choral mx. (Hauser 12/27)
5900	1000	332	CA	FLA Fukien: Chinese IS, YL ID, anthem by choir. (Day 1/1)
5933	1450	432	CA	Tibet JKT: Chinese OM tlk, into Tibetan at 1500. (Cleveland 1/7)
5949.5	1000	443	CA	Hellunkiang JKT with YL screaming in Mandarin. (Snyder 1/5)
6550	1600	353	AUST	RP: Eng in SSB to E and S. Africa. (Chester 12/25)
6955	1116	433	PA	RP: Series of songs in Chinese, YL talk. (Earhart 12/17)
7055	2102	444	CAMER	RP: French OM talk, not listed in WRTH. (Chaffin 12/5)
7095T	1132	333	PA	RP: Chinese w/high pitched YL talking. (Earhart 12/17)
7374.5T	1157	--3	CA	RP: Chinese music with YL host. (Sztot 12/23)
7470	1545	433	CA	RP: English talk on Chinese oil production. (Cleveland 12/27)
7480	????	343	CA	RP: Japanese YL talking, heterodyne on freq. (Sztot 12/23)
7504	????	--3	CA	RP: Chinese (?) OM talk, RTTY QRM. (Sztot 12/23)
7517	1134	232	CA	RP: Chinese talks by male DJ. (Sztot 12/23)
7935	1128	222	CA	RP H.S. One: Chinese incantations. (Sztot 12/23) Incantations????
8450	1122	232	CA	RP: Cambodian YL announcer, loud music. (Sztot 12/25)
8566	1112	333	CA	RP: Laotian (?) nx by OM/YL. (Sztot 12/23)
9030	0000	322	WI	RP: Spanish YL talking. (Zilmer 12/19)
9064	0104	232	CA	RP: Chinese OM reading the news. (Sztot 12/23)
9080	1555	333	CA	RP: Chinese with orchestral music, 1600 ID. (Cleveland 12/26)
9340	0830	333	CA	RP here in unknown Chinese dialect. (Gaede 12/31)
9460	0143	453	CA	RP: Chinese with Oriental music. (Dawson 1/1)
9480	0135	453	CA	RP: Chinese OM/YL talk. (Dawson 1/1)
9575	0149	444	NJ	RP: Chinese OM tlk, opera. (Agner 1/1)
9920	1245	343	PA	RP: Spanis talk to 1524 Internationale. (Earhart 12/17)
9940	0103	354	VA	RP: Eng news by YL. (Carrick 12/22) also noted in CA by Sztot 243, Cleveland 343 // 11945 and 15060, and Dawson 0210 332.
9971	0150	333	NJ	RP: English tlks by worker, peasant, and soldier. (Agner 1/1)
9965T	2239	--3	OK	RP: Portuguese with that inimitable Peking quality. (Hauser 12/10)
11600	0935	242	HI	RP: English news by YL. (Trubee 12/11)
11650	1246	342	FL	RP: Eng nx, cat, music. (Smith 12/17)
11945	0000+	---	USA	RP: Eng with fair to good signals rptd by Fasularo (NJ), Smith (NY), Smith (FL), Savy (MI), Gaede (CA), Van Himbergen (MI), Blake (IN)
11965	0100	333	WA	RP: English news, "This is the Land" program. (Beal 12/30)
12055	0116	333	NJ	RP: English commentary // 11945. (Agner 1/1)
15060	0120	---	--	RP: Eng music rptd by Beal (WA) 342, and Thompson (NM) 444.
17735	*0831	--3	OK	RP: Indonesian opening // 17795. (Hauser 12/25)

CHINA, REPUBLIC OF

BCC = Broadcasting Corporation of China

3230	1151	322	WA	BCC Taipei: Chinese talks. (Bodell-Hickman 1/5)
3335	1446	222	CA	BCC Taipei: Chinese talks by OM and YL. (Cleveland 12/20)
3990	0735	241	CA	AFNT Taiwan: Eng mx noted in early opening. (Snyder 1/2)
7130	1007	444	OR	BCC Taiwan: English Christmas music. (Jessen 12/25)
7150	1000	232	OR	BCC Taiwan: Chinese commentary by YL. (Jessen 12/25)
7180	1003	243	CA	BCC Taiwan: Chinese talk by male announcer. (Dawson 1/12)
9630	0957	353	CA	BCC Taiwan: Chinese with Eastern music. (Dawson 1/12)

CYPRUS

7140	1447	333	OR	BBC: Arabic music and talks. (Bodell 1/11)
15375	1823	444	NJ	BBC: Eng nx of Jack Benny's death. (Agner 12/27)

INDIA

AIR = All India Radio

3375	1414	332	CA	AIR Gauhati: Subcontinent mx, YL DJ, Eng ID at 1445. (Sztot 12/23)
	1450	333	JAPAN	AIR Gauhati: Eng tlk, local mx. YL nx at 1504. (Junqua 12/10)
4775	*0129	332	CA	AIR Delhi: Eng nx. Beware of Kabul also here. (Sztot 12/23)
4920	0058	--3	CA	AIR Madras: U/lang OM nx, 0105 YL ID, 0135 fade out. (Sztot 12/30)
	1456	434	OR	AIR Madras: Tamil (?) chants, 1529 ID, nx in Eng. (Bodell 1/1)
7125	0243	322	CA	AIR Delhi: Eng news read by YL. (Day 1/6)
	1540	434	OR	AIR Delhi: Eng wx rpt, comment on Palestine by YL. (Bodell 1/11)
7225	0140	333	OR	AIR Delhi: Nepali (WRTH) w/weird nx, into Ulang 0215. (Bodell)
7260	0135	343	OR	AIR Madras: Continuous Indian/Asian mx. (Bodell 1/18)
9525	2143	433	VA	AIR (?): Eng program of Indian music. (Carrick 12/10)
9705	1225	342	WI	AIR (?): Eng program sked, into U/lang. (Zilmer 12/24)
9912	2031	222	MD	AIR Delhi: Eng YL with Indian music. (Wickett 12/31)
	2220	343	VA	AIR Delhi: Eng w/soft mx program. (Carrick 12/22) // 9525
11810	1340	343	VA	AIR Aligarh: Eng cmt and musical program. (Carrick 12/21)

INDONESIA

RRR = Radio Republik Indonesia

2450	1543	353	CA	RRR Jakarta (JAWA): Indo music, OM ID at 1544. (Sztot 12/16)
2480T	1135	222	WA	RRR Padang (SUMATRA): Indo (?) w/talks, CW QRM. (Bodell-Hickman 1/5)
3165T	1147	322	WA	RPDK Kotapraja (JAWA): Indo talks. (Bodell-Hickman 1/5)

INDONESIA (CONTINUED)

3205	1149	322	WA	RRI Bandung (JAWA): Indonesian music. (Bodell-Hickman 1/5)
3275V	1440	422	CA	RRI Jakarta (DSWCI) (JAWA): Indo mx, Love Ambon IS, (Cleveland 1/8)
3277	1156	222	WA	RRI Jakarta (JAWA): Indonesian comments. (Bodell 1/5)
3420	1211	222	WA	RRI Medan (SUMATRA) noted here with Indo tlks. (Bodell-Hickman)
3778T	1234	222	WA	RPTK Sambawa (DSWCI) (L. SUNDAS): Indo w/Asian music. (B-H 1/5)
3800T	1235	222	WA	RPTK Jember: Indonesian talks. (Bodell-Hickman 1/5)
3935T	1238	222	WA	RRI Semarang (JAWA): Indo mx under ARO QRM. (Bodell-Hickman 1/5)
3945T	1240	333	WA	RRI Denpasar (L. SUNDAS) with Indonesian music. (B-H 1/5)
3965	1510	432	CA	RRI Pontianak (KALIMATAN): Indo nx to 1517, into mx. (Cleveland)
4719	1456	433	CA	RRI Ujung Pandang (SULAWESI): Indo w/U.S. pops. (Cleveland 12/26)
4764	1229	322	OH	RRI Medan: Indo IS, news by a YL (Miller 12/26) also Cleveland CA
4855	1515	432	CA	RRI Palembang (SUMATRA): Indo nx, ID. (Cleveland 12/31) also reported by Carrick in VA with 333 at 1315. Almost missed it.
4845	1312	232	OH	RRI Ambon (MOLUCCAS): Indo OM tlks, choir w/"Lullaby". (Miller)
4932	1310-1640	---	N.A.	RRI Surakarta (JAWA) Indo talks noted here by Miller OH (232), Marshall ONT (131) and English up to 1700* (Jessen 232 1/2)
5047	1220	131	ONT	RRI Yogyakarta (JAWA): Indo music, OM DJ. (Marshall 12/29)
	1436	432	CA	RRI Yogyakarta (JAWA): Indo native music. (Cleveland 12/18)
6045	1512	433	CA	RRI Jakarta (JAWA): Indo with OM news. (Cleveland 12/26)
7110	1143	333	OK	RRI Yogyakarta (JAWA): "Lernt Deutsch bei der Deutsche Welle" on after English programming. (Hauser 12/30)
	1317	333	VA	RRI Yogyakarta (JAWA): Indo OM tlks, mx. (Carrick 12/22)
11790	0852	443	CA	V. of Indonesia: Indo mx, into Eng at 0900, pr mod. (Snyder 1/5)

IRAN VOI = Voice of Iran

7064	333	OR	R. Iran: Farsi Mideast mx mixing with Tirana. (Bodell 1/11)	
9022	1938	322	ALTA	VOI: Eng nx, cat mx noted by Pimblett and by Rogacki (NJ) with 222 and Crawford (SCOT) with 444.
	2257	---	---	VOI: U/lang on extended sked noted by Hauser OK and Day CA with chanting and weak voices.
15084	1700	333	FL	VOI: Farsi ID by OM, into Iranian ms. (Crews 1/9)

IRAQ RBI = Radio Baghdad International

9745	*1930-2020*	433	USA	RBI: Eng nx, cat, music reported by Rogacki (NJ), Suddick (MI), Pimblett (ALTA), Carrick (VA), and Bodell (OR). German after Eng*.
17770	1030	333	CAMER	RBI: U/lang w/Eastern mx, on announcements, also at 1430. (Chaffin)

ISRAEL IBA = Israel Broadcasting Authority

5900	*0500	---	OK	IBA: Eng to N.A. since 1/1, 0515 French // 7395. (Hauser 1/2)
	2000	443	WI	IBA: Eng nx // 7395, 9525, 9630 (443), 9815 (332), 11643, 12025. (Zilmer 1/1) Also noted by Smith (NY) at 222.
7180	2200	444	OK	IBA: French to 2245 // 7395, 9009. (Hauser 1/1)
7395	0500, 2000+	----	---	IBA: Eng nx and DX tips hrd by Crews 333 FL, Earhart 433 PA, Zilmer 222 WI, and Scannell 242 MA.
9630	*2000	433	ALTA	IBA: English news. (Pimblett 1/1) Smith (NY) 222 1/4.
12025	*1758	444	PA	IBA: Romanian (?) OM with music. (Earhart 12/21)
	*2000	443	WI	IBA: Eng nx. (Zilmer 12/28) Also Hauser OK 444, Suddick MI 444.
12045	1515	443	WI	IBA: Hebrew tx, mx, ads // 11643. (Zilmer 12/29)
17755T	1110	444	CAMER	IBA: U/lang w/mx, chanting, drama. (Chaffin 12/19)

JAPAN FEN = Far East Network NSB = Nihon Shortwave Broadcasting Company

3377M	1042	232	CA	NHK Osaka: Japanese H.S. with music. (Sztot 12/31)
3925	1301	313	CA	NSB Sapporo: Japanese tx under, not // Tokyo. (Davis 12/30)
5955	0900	333	HI	R. Japan: Korean service // 6030 (432). (Trubee 1/7)
6010	*1059	322	HI	VOA Okinawa: Eng news. (Trubee 12/11)
	1430	353	CA	VOA Okinawa: Eng Christmas program. (Radtke 12/29)
7165	1440	433	CA	VOA Okinawa: Eng w/Steve Wonder music. (Cleveland 1/9)
9585	*1000	433	SCOT	RJ: English news, Current Topics. (Crawford 12/25)
9595	1500	443	CA	NSB Tokyo: Japanese OM tx, bgkgrnd music. (Cleveland 12/31)
9670	1630	353	CA	RJ: English comment on fish farms. (Radtke 1/5)
15190	0000	343	WCNA	RJ: Eng ID, news. (Jessen OR) also Beal 0058 433 WA.

JORDAN

9560	1713	232	OK	R. Jordan: Eng rock mx, nx by YL, 1730* to U.K. (Hauser 12/28)
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KHMER REPUBLIC RNK = Radiodiffusion Nationale Khmère

4907	1435	421	CA	RNK: Cambodian with native music. (Cleveland 1/7)
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KORRA, DEMOCRATIC PEOPLE'S REPUBLIC KCBS = Korean Central Broadcasting Station

2300V	1119	332	WA	KCBS Hyesan: Korean with choral mx. (Bodell-Hickman 1/5)
2670	1345	222	CA	KCBS Sariwon: Korean losing out to RRTY // 2750. (Sztot 12/18)
2750	1138	222	WA	KCBS Chongjin: Korean with typical mx. (Bodell-Hickman 1/5)
2775	1140	322	WA	KCBS Hamhung: Korean commentary. (Bodell-Hickman 1/5)
2850	0903	--2	OK	KCBS Pyongyang: Korean already in, but weak. (Hauser 12/25)

KOREA, D. P. R. (CONTINUED)

3015 1144 333 WA R. Pyongyang: Japanese (?) talks and music. (Bodell-Hickman 1/5)
 3031M 1324 343 CA KCBS (site ?): Korean YL talk // 2850. New freq. (Snot 12/26)
 3320 1453 433 CA KCBS Pyongyang: Korean H.S. One, vocal mx. (Cleveland 12/20)
 3560 1254 454 CA RP: Korean singing. (Davis 12/30)
 3696 1253 --- OK Jan's unid Chinese stn actually RP according to Hill, Hauser, Snot
 6400 1229 343 CA KCBS Pyongyang: Korean H.S. program, fast tlking OM. (Snot 12/23)
 6539 1221 343 CA RP: Japanese OM w/cmt or something, nominal 6540. (Snot 12/23)
 9820 1450 443 CA RP: French OM w/tlk, mx, 1453 ID, more mx. (Cleveland 12/31)
 11535 *2300 ---3 IL RP: English opening announcements. (Handler 12/26) Howdy, Steve!

KOREA, REPUBLIC OF

KBS - Korean Broadcasting System

2510 1134 333 WA KBS Taegu: Korean talks and music. (Bodell-Hickman 1/5)
 1218 343 CA KBS Taegu: Korean talks by YL. (Davis 12/30)
 3140 1625 444 JAPAN HLDA, Cheju Island: Russ relig prgm. 2 X 1570. 1630 ID. (Junqua)
 3918 1130 343 CA KBS Seoul: Korean H.S. One, YL talk, music. (Snot 12/31)
 6350 1412 444 JAPAN V. of Hope, Seoul: Korean mx, tik to 1432V*. (Junqua 12/21)
 9640 ---- --- N.A. R. Korea: Eng noted *0630 433 ALTA (Pimblett), 1435 444 CA
 (Cleveland), 1900 432 WI (Zilmer), and 1905 342 WA (Beal)
 11925 0500 222 AZ RK: English news and music. (MacCoy 12/12)

KUWAIT

9715 *1500 333 INDIA R. Kuwait: Urdu w/chanting to English at 1700. (Sridhar 12/10)
 1705 323 PA RK: English music and talks. (Yajko 12/29) //(?) 11940 (423)
 11940 1330 343 PA RK: Arabic sporting event (tennis-?), bckgrnd noise. (Earhart)

LAOS

RNL - Radiodiffusion Nationale Lao

6130T 1130 212 MW RNL: French piano mx and talks. No ID heard. (Gavaras 12/30)

LEBANON

9525 *0230 333 ALTA R. Lebanon: Eng nx on latest 3l meter freq. (Pimblett 1/4)
 *0300 222 OK RL: Spanish following Eng s/off. (Hauser 12/28)
 9675 1758 343 NJ RL: Arabic chanting, news at 1801. (Famularo 12/14)

MALAYSIA

4845 1445 432 CA R. Malaysia Kuala Lumpur: Indian (WRTH) native mx. (Cleveland)
 6010 2255 343 OR BBC: U/lang, 2300 Eng ID, into Viet // 7180. (Bodell 12/26)
 5965 1020 242 CA R. Malaysia K.L.: Malay YL singing Malay songs. (Snyder 1/5)
 6195 2230 433 WI BBC: Eng World Service music. (Zilmer 12/30)
 2302 243 OK BBC: English news. (Hauser 12/24)
 7180 0940 454 OR BBC: Chinese language lessons in English. (Jessen 12/25)
 9740 0952 332 CA BBC: Eng OM tx. (Dawson 1/12) 1545 443 CA (Cleveland 12/31)
 9915 ---- --- -- Reported here in Jan., should be GREAT BRITAIN. Sorry, MLH.
 11955 0000 443 WI BBC: Eng nx // 15435. (Zilmer 12/18) 1525 322 CAMER (Chaffin)

NEPAL

3425 1230 242 OH R. Nepal: Nepali (?) OM tlks, tenor music. (Miller 12/29)
 1546 253 CA RN: U/lang with interesting music, OM tlik. (Snot 12/16)
 5007 1230 231 ONT RN: Nepali (?) OM tlik, 1235 mx. // 3425 (242). (Marshall 12/31)

PAKISTAN

5019 0122 333 OR R. Pakistan: Urdu (?) chanting // 7095 (423). (Bodell 1/14)
 5945 1606 333 CAMER RP: U/lang OM/YL tlik, nx to 1610. (Chaffin 12/8)
 6234A 2124 333 PA RP: Eng pop mx to 2145* with anthem. (Vecchiola 1/4)
 7085 1159 332 PA RP: U/lang YL music and talk. (Earhart 12/31)
 2107 333 CAMER RP: Eng YL tlks on hydroelectric projects. (Chaffin 12/5)
 9690 1200 344 VA RP: Eng IS, news, and comment. (Carrick 12/24)
 11672 1300 322 WI RP: English news, comment back on this freq. (Zilmer 12/22)
 17845 1255 343 PA RP: Urdu YL tlik, 1315 French ballad. (Earhart 12/31)
 17930 1100 544 SCOT RP: Eng news in dictation speed. (Crawford 12/25)

PHILIPPINES

6070 2130 332 WA VOA: Eng ID and into Chinese program. (Beal 12/18) Not on VOA sked.
 9760 1555 333 CAMER VOA Tinang: Eng rpt on French communists. (Chaffin 12/19)
 11715 1528 322 CAMER VOA Tinang: Eng OM YL talks. (Chaffin 12/8)
 11840 0930 443 AUST AFRTS Foro: Eng program on ESP. (Chester 12/15)
 11965 0840 353 HI VOA Tinang: Russian programming. (Trubee 1/7)
 15445M 0400 333 AUST FEBC: Eng ID, tlik. Announced as 15440. (Chester 12/15)
 17750 *0230 353 AUST UN Radio Foro: Eng and Japanese news. (Chester 11/30) QTH via sked
 17800 0135 333 HI VOA Tinang (?): English with Christmas music. (Trubee 12/25)
 17810 0007 242 CA FEBC: English Christmas music. (Meehan 12/14)

SABAH

RMS - Radio Malaysia Sabah

4970 1445 432 CA RMS: U/lang with nx, not in Eng as scheduled. (Cleveland 12/27)
 15294M *1530 433 AUST RMS: RM ID, into Arabic programming until 1630*. (Chester 12/14)

SARAWAK RMS = Radio Malaysia Sarawak
 4835 1450 443 CA RMS: Malay (WRTH) YL tlks. (Cleveland 12/26) 1625 232 OR (Jessen)
 4950 1455 333 CA RMS: Eng sports news. (Cleveland 12/19)
 505T *2200 221 ONT RMS: U/lang with carols and Oriental music. (Marshall 12/23)

SAUDIA ARABIA BSKSA = Broadcasting Service of the Kingdom of Saudia Arabia
 9770 1958 444 OR BSKSA: Arabic talks, "Arabiyyah al Saudiyah" ID's. (Bodell ??/?)
 21460 1303 ??? OK BSKSA: Arabic ID, strongest stn on 13meters. (Hauser 12/11)

SINGAPORE
 5052 1240-1500 --- USA R. Singapore: Eng news, cmt, mx rptd by Thompson 444 NM, Radtke
 353 CA, Cleveland 433 CA, and Carrick 232 VA.
 6155T 1310 232 PA RS: Malay (?) w/Asian mx, Hard copy with LP echo. (Earhart 1/7)

SRI LANKA SLBC = Sri Lanka Broadcasting Corporation
 4875 1437 233 OR SLBC: Sinhala talk by OM. (Bodell 1/19)
 7125 1610 333 OR WOA: News in special English. (Bodell 12/21)
 7190 1300 444 INDIA SLBC: Eng nx from Sri Lanka to Asia. (Sridhar 12/10)
 9625 1600 333 AUST WOA: News in special English after Hindi s/off. (Chester 12/13)
 9720 *1900 444 CA SLBC: Eng to Europe, 1930 nx, 1945 music. 2004*. (Cook 1/8)
 11725 1259 232 MA SLBC: Eng nx along with a female ID. (Raymond 1/2)
 11800T 2300 111 WI SLBC: U/lang w/mx and talks under severe QRM. (Trautschold 12/29)

SYRIAN ARAB REPUBLIC
 7105T 1535 222 WA R. Damascus: Arabic chants, tlk, QRM de RNE. (Bodell-Hickman 1/6)

THAILAND BMR = Bangkok Meteorological Radio
 7115 1541 ---3 CA R. Thailand: Thai (?) OM tlk, some mx, 1543 OM/YL tx. (Szot 12/16)
 7863 1235 --- USA BMR: Eng/Thai hrd again by Scott 232 FL, Carrick 353 VA, Szot 333
 CA. Programs consist of Eng and Thai wx rpts and music.

TIMOR ERTP = Emissora de Radiodifusao de Timor Portugues
 3668 0943 332 CA ERTP: Port w/pop mx, 0945 YL ID. (Day 1/1) also 1223 333 WA (B-H)

TURKEY
 11880 1340 333 MA Voice of Turkey: Turkish for Turks abroad // 9515. (Scannell)

UNION OF SOVIET SOCIALIST REPUBLICS

Asiatic RSFSR
 4030 1000 343 HI Anadyr (WRTH): Russian announcements and music. (Trubee 12/24)
 4040 0630 232 OR Two Russian H.S. here, one talks, one w/music. (Bodell 12/21)
 0715 343 WA Magadan (DSWCI) here with Russian folk music. (Bodell-Hickman)
 1302 454 CA Vladivostok: Mayak prgm w/OM talk // 3995. (Szot 12/23)
 4050 0716 232 WA Yuzhno-Sakhalinsk (DSWCI): Russian music. (Bodell-Hickman 1/5)
 4520 0731 242 WA Palana (DSWCI): Russ YL talks, heavy QRM. (Bodell-Hickman 1/5)
 4610 0700 222 OR Khabarovsk: Russian mx, tlks, utility QRM. (Jessen 1/1)
 4800 0739 322 WA Yakutsk (DSWCI): Russ w/orch mx, facsimile QRM. (B-H 1/5)
 4825 0742 322 WA Vladivostok (DSWCI): Chinese commentary. (Bodell-Hickman 1/5)
 4940 0004 332 CA Franse (?): Russian OM and YL with news. (Szot 12/25)
 5290 0150 333 OR Krasnoyarsk: U/lang talks by OM and YL. (Bodell 12/30)
 6035 1800 253 OK U/site with Mayak programming, ID at 1800. (Hauser ??/?)
 7200 0937 444 CA Vladivostok with light Russian music. (Szot 12/22)
 7321 1204 232 CA Magadan: Russian nx by OM. Mayak H.S. (Szot 12/23)
 7351 1153 232 CA Irkutsk: Eng YL with U.S.S.R. news. (Szot 12/23)
 9451 1111 454 CA Vladivostok: Russian YL with classical music. (Szot 12/25)

Azerbaijan SSR
 9840 2001 333 OR Baku w/Russ (?) YL tx, Mideast music. (Bodell 12/28)

Kazakh SSR
 4615 1445 343 CA Pavlodar (FBIS): Russian mx to 1458*. (Cleveland 12/13)
 5260 0147 343 OR Alma Ata: Russian commentaries. (Bodell 12/30)

Tadzhik SSR
 4635 0112 333 MW Dushanbe H.S. w/Russian music, 0130 talks. (Gavaras 12/16)
 0220 333 OR Dushanbe U/lang OM/YL talks. (Bodell 1/14)
 0244 343 CA Dushanbe: Russian with Asian mx, 0300 tones, YL ID. (Day 1/1)
 7300T *1400 222 OH Dushanbe: Tadzhik (?) OM nx, ARO QRM. (Miller 12/28)

Site Unknown
 5255 1315 ---3 OK U/lang prgm on USB, 1329 R. Moscow ID, IS, ID like "Da Maskovy".
 (Hauser) Probably located in Asiatic RSFSR.
 7327 1159 232 CA Russian IS, 3 time tones, news. (Szot 11/23)
 9580 1235 424 FL U/lang w/native mx, R.A. QRM. (Scott 12/23)
 11900A 1330 333 MA R. Sta. Peace and Progress: Eng nx, cmt // 11950. (Scannell 12/27)
 11990 0215 ---3 OK Russian w/Hungarian type mx, Mayak IS, Moscow time. (Hauser)
 12050 2208 --- OK Korean altho RM sked shows it at 2200. (Hauser)

Uzbek SSR

6025 1205-1232 --- ECNA R. Tashkent: Eng nx, cnt, *1230 Spanish. (Carrick VA Famularo NJ)
 9600 *1200-1229 --- USA RT: Eng hrd by Bodell 333 OR, Wickett 433 MD, Famularo 232 NJ,
 and Earhart 422 PA.
 11925 1155 353 PA RT: U/lang w/mx and OM/YL tx, 1232 nx. (Earhart 12/28)
 *1400 333 MI RT: English news. (Suddick 12/24)

VIETNAM, DEMOCRATIC REPUBLIC

4021 1244 322 WA Viet-Bac H.S. with Vietnamese talks by YL. (Bodell-Hickman 1/5)
 6383 1604 333 OR Tay-Bac H.S.: U/lang OM/YL tlks, band mx. (Jessen 1/3)
 7360 0325 222 WI V. of Vietnam: U/lang YL/OM talk to 0329 f/out. (Trautschold 1/5)
 7510 1438 333 OR Hanoi w/Viet talks, Asian music. (Bodell 1/11)
 9980 1840 222 OR VOV: English chorus mx, 1845 YL ID. (Jessen 12/14)
 10040 *0153 333 NJ VOV: Eng s/off announcements w/freqs. (Ager 1/1)

VIETNAM, REPUBLIC OF

VTVN = Broadcasting System of Vietnam
 6165 1505 433 CA VTVN: Vietnamese OM and YL tlks, (nx?). (Cleveland 12/26)
 7245 1325 322 VA VTVN: Viet mx, drama. (Carrick 12/22) also Szot and Cleveland CA.

YEMEN ARABIC REPUBLIC

5805V 0335 322 PA R. Sanaa: Arabic Koran recitals ("chants") using their new 100kw
 transmitter (SCDX). (Earhart 12/28) also 0430 233 OK (Hauser)
 6050 2145 333 VA RS: Arabic Koran readings to 2200*. (Carrick 12/29) also by Handler

OCEANIA

AUSTRALIA L = Lyndhurst D = Darwin S = Shepparton P = Perth B = Brisbane
 6005 0945 222 OR R. Australia (L): Eng pop mx. (Jessen 12/25) also 433 HI (Trubee),
 433 MD. (Wickett), and 444 MI (Suddick).
 6090 0942 222 OR ABC Sydney: Eng talks on world problems. (Jessen 12/25)
 6150 1255 343 NY ABC Melbourne: English New Years Show. (Smith 12/31)
 7220 0830-0956 --- WCNA RA (S): Eng to PNG rptd by Beal WA (323), Szot CA (232) and
 Jessen OR (343). Programs consist of news, cat and music.
 9550 1030 222 OK RA (S): Eng relay of Darwin local 8DR back to Darwin. (Hauser)
 9570 0835 343 --- RA (S): Two CA's and a SCOT show Eng nx, Club Forum, talks.
 (Gaede, Day, and Crawford)
 1728 322 OR RA (S): English anthem, IS, 1730*. (Jessen 1/2)
 9660 0838 232 CA ABC Brisbane: Eng nx, horse races. (Day 1/1)
 9695 0755 343 ECNA RA (S): Eng IS, ID, into Indonesian. (Famularo NJ, Crews FL)
 9760 0801 444 MD RA (S): Eng mx to PNG replacing Darwin. (Wickett 12/28)
 11740 0800 353 HI RA (?) Pidgin to PNG. (Trubee 1/7)
 0810 343 PA RA (?) Indo (?) with music. (Earhart 12/18) Which language?????
 11840 1955 333 ALTA RA (S): Eng World of Music. (Pimblett 1/5)
 11850 2128 ??? OK RA (S): IS, into Vietnamese. (Hauser 12/25)
 11885 0720 242 PA RA (B): Eng YL with music, nx. (Earhart 12/18)
 11930 220 --3 OK RA (S): English time check, ID. (Hauser 12/10)
 15355 0059 233 OR RA (D): English IS, ID, Mailbag. (Jessen 12/15)
 15400 0830 444 INDIA RA (S): English sports news. (Sridhar 12/13)
 17715 0700 --2 OK RA (S): English relay of 8DR. (Hauser 12/26)

COOK ISLANDS

CIBC = Cook Islands Broadcasting Corporation
 5045T *1627 252 CA CIBC: Eng (?) U/lang drum mx, 1630 ID, into nx. (Szot 12/26)

NEW CALEDONIA

3355 0906 333 JAPAN R. Noumea: French OM/YL talks, pop mx. No ID hrd. (Junqua 12/31)
 11710T 0633 232 PA RW: French OM/YL tlks, mx, nothing on 7170. (Earhart 12/18)

NEW HEBRIDES

3946H 0757 232 CA R. Vila: French YL DJ, 0800 OM ID, into nx. (Szot 12/31)

NEW ZEALAND

NZBC = New Zealand Broadcasting Corporation
 9520 0702 333 FL NZBC: English nx, IDs. (Crews 1/8)
 9540 0704 212 PA NZBC: Eng nx and mx. (Baron 1/1) also 0629 343 FL (Smith 12/2)
 11780 1546 222 OK NZBC: Eng to Pacific noting // 9755. (Hauser) Anyone heard 9755??
 also reported by Blake IN, MacCoy AZ, Crews FL, Beal WA, Radtke
 CA, and Pimblett ALTA.
 15110 0357 444 CA NZBC: Eng "Sports Round Up". (Birby 12/31) Greetings, Mark.
 Additional rpts from Thompson 0130 444 NM, Beal 1905 333 WA, and
 Jessen 2015 322 OR.
 17770 0500 344 JAPAN NZBC: English coverage of a cricket match. (Junqua 12/31)

PAPUA NEW GUINEA

PNGBC = Papua New Guinea Broadcasting Commission
 2410 1102 --3 CA R. Goraka: Pidgin OM nx, into mx at 1111. (Szot 12/30)
 2450T 1129 222 WA R. Western Highlands: U/lang with continuous mx. (B-H 1/5)
 2468T 1131 222 WA R. Northern District: U/lang talks, music. (Bodell-Hickman 1/5)

PAPUA NEW GUINEA (CONTINUED)

3220	1240-1300*	---	---	R. Morobe: Four rpts from the eastern half of N.A. show SIO's of 121-743, Miller 333 OH, Neumann 743 IN, Marshall 121 ONT, and Hauser 243 OK.
3245	1250	242	ONT	R. Kerema: Eng C&W mx, s/off at 1300 w/GSTQ. (Marshall 1/2)
3260	1302*	242	ONT	R. Madang: Last few bars of GSTQ noted on 1/2. (Marshall 1/2)
3275	1154	222	WA	R. Southern Highlands: U/lang with music. (Bodell-Hickman 1/5)
3305	1110	332	CA	R. Western District: Pidgin w/Island mx, OM DJ. (Snyder 12/31)
3322	1125	232	MD	R. Bougainville: Pidgin w/U.S. pops. (Grider 12/28) Also by Gavaras MN (322), Marshall ONT (333), Bodell-Hickman WA (322) and by Zilmer at 1301* 433 (WI).
3335	1255	322	WI	R. Wewak: Pidgin with talks and native mx. (Zilmer 12/28) Also by Miller OH 242, and Marshall ONT 131.
3385	1235	333	MD	R. Rabaul: U/lang w/choral mx. (Grider 12/28) Also heard on 12/28 by Marshall ONT at 1305 (343) and Zilmer WI at 1315 (433).
3925	1301	313	CA	PNGBC: Eng nx under NSB. (Davis 12/30) Also Zilmer WI 433 at 1325.
4890	various	---	N.A.	PNGBC with English reported by (Are you ready for this?) Yost MI, Davis CA, Thompson NM, Yajko PA, Baron PA, Jessen OR, Dawson CA, Raymond MA, Carrick VA, Grider MD, Rogacki NJ, Agner NJ & Bixby CA.
9520	0700	444	ALTA	PNGBC: Eng music program // 4890. (Pimblett 12/27)
	0745*	343	WA	PNGBC: Eng and vernacular closing comments. (Beal 1/6)

SOLOMON ISLANDS

SIBS = Solomon Islands Broadcasting Service
3995T 0830 232 WA SIBS: Pidgin (?) discussion, 0857 soft mx. (Bodell-Hickman 1/6)

TAHITI

6135	0635	242	IN	R. Tahiti: French comments on 1974. (Neumann 12/24)
11825	0945	444	AZ	RT: Tahitian news. (MacCoy 12/20)
	0500	353	NM	RT: French/Tahitian island mx, YL comments. (Thompson 12/28)
15170	1900	---	--	RT: Conflicting reports raise the question, "Is English on every day?" Hauser (-3 OK) and Beal (343 WA) show Eng nx at this time while MacCoy (232 AZ) notes French news. Also reported at various times by Thompson NM, Cleveland CA, Crews FL, and Radtke CA. Ooops, almost forgot Mr. Jessen in OR.

ANTARCTICA

6012T 0800+ 111 MN AFAN: "All I have gotten is a moderate strength carrier and very occasional music." (Gavaras 12/30 thru 1/4)

CLANDESTINE

4114	1047	242	CA	VRPR: Korean YL speaking in dogmatic tones. (Sztot 1/12)
4660T	1519	342	CA	V. of Pathet Lao: Lao OM talks. (Cleveland 12/18)
6035	2347*	343	OK	V. of the People of Thailand closing in Thai w/freqs. (Hauser 12/23)
7216	1535	332	CA	V. of the Patriotic Militiamen's Front: Viet mx, tlk with mentions of Vietnam and Hanoi, drum/cymbal IS. 1533*. (Cleveland 12/18)
7305	2320	444	OK	V. of Malayan Revolution: Tamil ID, YL cmt. (Hauser 12/31)
9989T	1232	242	PA	VNUFC: U/Asian/lang YL tlk, abrupt 1238*. (Barhart 12/17)
10010	1215	141	PA	Liberation Radio. U/lang with very poor signal. (Barhart 12/30)
	1450	331	CA	LR: Eng political talk, 1456 mx, 1459 ID. (Cleveland 12/30)
10055T	*1600	243	CA	V. of Iraqi Kurdistan: Kurdish (?) on w/light mx, YL announcement, 1602 nx until 1608. (Sztot 12/23)
15789	2352	444	MN	VMR: Tamil OM/YL tlk to 2400* with anthem. (Gavaras 12/15)

DATELINE

PORTLAND...Many thanks for the overwhelming support this month and special thanks to Oliver Ellsworth for the additional page. I could have easily filled another. The total number of individual reports approached 500 from 52 reporters and I regret having to cut a number of good reports. I apologize if I inadvertently eliminated all of any member's reports. Thanks to those who took the time to point out my mistakes in last month's contest, I really appreciate your constructive criticisms. Speaking of mistakes, please credit all of Dan Henderson's reports to Seattle, Washington instead of MD. If you go on a DX-pedition, please let me know the location.

UNDERLINES...At the suggestion of a member, I underlined reports I found unusual and/or interesting. I would appreciate your reactions to this effort.

AUSTRALIA...Robert Chester of Down Under notes the extensive damage to the Darwin site by the Christmas cyclone may cause the relay to be rebuilt at another site. Glenn Hauser notes that programs from the Darwin ABC studios are being fed via microwave to Shepparton and from there to Berry Springs vis S.W. At Berry Springs, the signals are transmitted on 8DR's former 650 kHz frequency. The schedule of the Shepparton relay as of 12/27 was 0000-1700 on 17715, 1010-1730 on 9550, and 1800-2350 on 11810. With my luck, by the time you read this, it will all be different. (HI!)

PORTLAND (REVISITED)...As it is 1100 GMT, I think I'll go to bed. Good DX and 73's,

STATION SKEDS

RADIO VOICE OF THE GOSPEL

เรดิโอ ออสเตรเลีย
RADIO AUSTRALIE

DEADLINE: 15th

EDITOR: Mark Koukol
Apartment E-1
1400 W. Lincoln Hwy.
De Kalb, Illinois 60115



Many, many reports this month, and thank you!

Argentina: RAE Buenos Aires runs English 0600-0700 on 9690, not 0400-0700 as given last month. (Glenn Hauser)

Austria: ORF sends these frequency changes. No indication given on if these are additions, or changes from what.

Europe 2000-2200 9615
S. America 2100-0000 11895
East Asia 0600-0900 11865
(Jim Brooker)

Brazil: Radio Nacional Brasilia has this sked-

Portuguese 1900-2000 11780
German 2000-2100 11780
English 2100-2200 11780
Note English freq. change from 9605 to avoid VOA, from advice by Ken. (Ken Earhart)

Bulgaria: Radio Sofia has this English sked-

To North America
0000-0100 9700, 9560, 9550
0400-0430 9700, 9560, 9550
To Great Britain
1930-2000 6070, 6160, 9700
2130-2200 6070, 6160, 9700
(Jim Capili)

Canada: CBC sends this updated English sked-

To North America (RCI)
1115-1215 11825, 9655, 5970
0100-0157 9755, 6085
0400-0600 9755, 6135
To Africa
0620-0640 11720*, 9685*, 7155*
1800-1857 15325, 11865, 9445, 9690**, 6110**

To Europe (RCI)
0700-0720 7290**, 6100**
2102-2159 7105**, 6100**, 7225*, 9685*

To Malta (for relay)
0740-0800 9445, 5925
2102-2159 9445, 5925

To South Pacific
0900-1000 9625, 5970
To Europe (Armed Forces- Eng/Fr)
1128-1215 15325, 11720
1630-1700 17820, 15325
2200-2230 11855, 9445, 5925

Northern Service (Eng/Fr/Eskimo)
1128-1359 9625, 5960
1400-0000 9625, 11720
0000-0607 9625, 5960

(Glenn Hauser) (see end of column)
China, People's Rep.: Radio Peking has this new English sked to N.A.-
To North America East

0000-0100 15060, 11945, 9940
0100-0200 15060, 12055, 11945, 9940, 9780, 7120, 7060
0200-0300 15060, 12055, 9940, 7060
0300-0400 9780, 7120
1200-1300 11685
To North America West
0300-0400 15060, 12055, 11650, 9460
0400-0500 as above (Ken Earhart; Jim Capili)
China, Rep.: VOFC (per sked) sends this undated English sked-
To North America & Australia
0200-0350 5980, 7130, 9685, 11825, 11860, 15125, 15370, 17720, 17890
To Africa & West Europe
1900-2000 9685, 11825, 11860, 15125, 15370, 17720, 17890
(Jim Brooker)

Egyptian Arab Rep.: Radio Cairo sends English to North America at 0200-0300 on 9475. (Hobart Beal)

Finland: Radio Finland has English to N.A. sked till March 2-
1400-1430 15185

0300-0330 9720 (Barry Harding)
France: With the exception of previously announced cuts (English to Africa, German on S.W., Latin American service), Radio-France, the former ORTF, operates the French overseas service noted 1600 on usual 15155, 17720, 17795, 17860, 21620. (Richard Wood)

Great Britain: In last month's Skeds, BBC on 6175 at 0030-0330 should have been listed as via Greenville (VOA relay). BBC via CBC Sackville is broadcast at-
1100-1130 15365
1200-1315 11905
1700-1830 15365
2000-2115 15195

2300-0030 6175, 9740 (Glenn Hauser, Richard Wood)
Guinea: Conakry noted on new freq drifting between 7250 and 7252, often in all-night operation // 9650V. (Richard Wood)

Guatemala: TGNA has this English sked-
0045-0430 (Sun.) 5955, 9505, 3300
0245-0430 (Mon.-Sat.) as above
(Tom Sputo)

Haiti: Radio 4VEH has this English Winter sked- (dates E.S.T.)
1100-1400 3345, 6120, 9770, 11835
1700-2100 (Sun.) as above
0000-0100 as above
Sked lists 3340, QSL says 3345.

(Michael Fleming)

Hungary: Radio Budapest has this new English sked to N. America-
0100-0130 17710, 15330, 11910,
9833, 7250, 6000
0300-0330 as above
0415-0445 as above
0245-0300 as above(DX prgm. Wed & Sat)

(Ken Earhart)

Israel: IBA has this new English sked-
2000-2055 5900*, 7395*, 9009**,
9525, 9630*, 9815,
11643, 12025, 17690**
0500-0515 5900*, 6000, 7125, 7395*,
9009*, 9625, 9815*,
12025
1130-1200 9009, 15100, 15240***,
17690, 21590

(*)- to N.A. & W. Europe, (**) - to Africa, (***) - to S.E.A. & Australia. (Steve Handler, Glenn Hauser, Ken Earhart)

Japan: Radio Japan has this English sked to March 1st-

To Europe
0800-0830 17825, 15430
1830-1900 9605, 7195
To Middle East & North Africa
2015-2045 9700, 7250
To North America
2345-0045 15270, 11725
0130-0230 17825, 17725, 15235,
15195(also to Hawaii,
Latin America)

To Australia & New Zealand
0930-1030 15235, 11875
To Southeast Asia
1115-1145 11875, 9675
To South Asia & Africa
1630-1700 9670, 7250 (Mark Bixby)

Korea, Rep.: Radio Korea has this English sked-

To America 0500-0530 11925
0900-0930 11925
To Europe 0630-0700 11925, 9640
1900-1930 11925, 9640
To S. America 1100-1130 11925,
9640
To S.E. Asia 1430-1500 11925,
9640

General Service- $\frac{1}{2}$ hour each on
9640 starting 02, 05, 0530, 0630,
0830, 09, 1030, 11, 1430, 1830, &
1900 hours. (Ken Earhart, Mark Bixby, Hobart Real)

New Zealand: All times shown on the NZBC sked last month should be one hour earlier thru most of Feb., due to Daylight Savings Time. (Glenn Hauser)

South Africa: Leonard Davidonis asks what "S.A.N.A.E." is, targeted on Sundays 0956-1045 on 15155 & 11970. This is SANAE station on the coast of Norwegian-claimed Queen Maud Land in Antarctica, manned by the South African National Antarctic Expedition.

"Springbok Radio", a service of S.A.

B.C., operates at-
0300-0522(0400 s/on Sun.) 3980,
4810

0522-0637 9710, 4810
0637-1522 9710, 11935
1522-1622 9710, 4810
1622-"close down" 3990, 4810
(Robert Wilson, Lenny Davidonis, Alan Gaede, Ken Earhart)

Swaziland: From a letter by TWR Swaziland comes the following info-
"They are on the air from 0330 to 0700 on 6070 and 1700 to 1900 on 3388. In a few weeks TWR will also use 7230." (Tom Gavaras)

Switzerland: In a change from the printed sked, 5965 is used instead of 5970 at 0145-0215 due to HCJB QRM. (Glenn Hauser)

U.S.S.R.: Radio Kiev has this current English sked to N.A.-
0030-0100 17.87, 17.77, 17.72,
15.18, 12.05, 7.35, 7.20,
7.15, 5.91, 6.02
0300-0330 11.86, 9.78, 9.58, 7.40,
7.26, 7.18, 5.94, 6.02

Barry, aren't these 3 times a week? (Barry Harding) Remember that Radio Moscow (& "Radio Kiev") skeds do not show freqs to the kilohertz. "7.10" for example is 7105, not 7100. Hope they stop this guessing game soon. (via Ken Earhart)

U.S.A.: WINB Red Lion, PA, has this English sked to March-
1700-1930 17775
1932-2200 11775
Target is West Europe & Mediterranean area. (Barry Harding)

WYFR has this English sked thru February-
To Europe
1230-1500 (Sun.) 15110, 17865
1700-1845 15440, 15110, 11805
1900-2045 11805, 9690
2100-2145 9690, 6065

To Africa
1230-1500 (Sun.) 21530
1700-1845 17845
WYFR also broadcasts in easy English with slow Bible reading at:

To Europe
1845-1900 11805, 15130
0345-0400 9525, 6060
To Africa
1845-1900 17845
To Latin America
2245-2300 15130
0045-0100 11855
0445-0500 9715, 5985 (Barry Harding)

Yugoslavia: Radio Beograd skeds English at-
1530-1600 15240, 11735, 9620
1830-1900, 2000-2030, 2200-2215 on 9620, 7240, 6100. (Mark Scannell, Don Moore)

NOTE: CANADA relays- (*) - Daventry, (**) - Malta. 73s,

mark

UTILITY REPORT

EDITOR-Steven J. Handler
ASS'T EDITOR-Kenneth Compton

Send reports to:P.O. Box 253
Deerfield,IL 60015 U.S.A.

Deadline: 20th of the month

Before we get to the QSLs this month there is alot of important news in the Utility area.

FIRST, the Office of Telecommunications in Boulder is still using its old number for the propagation forecasts. The correct number is (303) 499-8129, or 303 499-1000 extension 3171. There is a plan to change the number to 303 499-8129 but it is not yet known when it will go into effect.

NEXT for those interested in ITU publications, Perry Ferrel of Gilfer Associates P.O. Box 239, Park Ridge,NJ 07656 does carry the lists. Write for a current price quote. The newest list is the List VII-A Alphabetical List of Maritime Mobile Call Signs.

IT'S OFFICIAL on January 12th the White House Office of Telecommunications has announced that a single electronic warning system for nuclear attack, hurricane, tornadoes and other disasters has been chosen. The system chosen from among the VHF, HF and VLF possibilities was the current NOAA-National Weather Service VHF-FM broadcasts on 162.40 & 162.55 MHz. There was been alot of testing from a VLF station in the Edgewood Arsenal in Maryland on 179 Khz, it IDs as the Defense Civil Preparedness agency Station WGU20. You better log it before it is removed, because by the last decision, the VLF system is no longer going to be used!

Did you know that several Russian Spys who defected to the U.S. told Federal Sources that the frequency used for transmission of instructions to and from Moscow was 13120 Khz!

Next Month I hope to have the advance frequency listings for the Joint American-Soviet Space Flight.

Correction: Last month in the Utility Information Sheet section I listed that the exchange value of IRCs would be 16¢ for US and 18¢ for the rest of the world. This is no longer true. The exchange value is 26¢.

NEWS Utility Information Sheets

The following Utility Information Sheets are discontinued: Basic CW DXing #L004, NOAA-VHF Edition 1971 is now updated, Major Chains of UTE Stations is now Updated, USAF Aero Stations is now updated. Basic UTE Dxing is discontinued #PEC-1.

New lists and Updated Lists

MAJOR CHAINS OF UTILITY STATIONS,including Cable & Wireless Station Addresses, updated, 2 pages,offset #CP-0103 \$0.26
NOAA VHF MARINE WEATHER FORECAST STATIONS & NUCLEAR ATTACK WARNING STATIONS,updated, January 1975, 2 pages offset #VHF-2 \$0.26
USAF AERONAUTICAL STATIONS & GIANTSTEP BROADCASTS, updated, December 1974, 1 page offset #221 \$0.13

NEW SHEETS

AVIATION BROADCASTS, 4 pages offset, including a List by Area of HF Aero Frequencies and Zones, List of Russian Volmet Stations, List of International Volmet Broadcasts December 1974 #AV300 \$0.39
SPY & NUMBER STATIONS HEARD IN 1975, 1 page offset #LREV10 \$0.26
INTERNATIONAL BROADCASTING STATION SSB FIXED FEEDERS LIST, 1 page offset, Jan. 1975 #FX-1 \$0.13
VLF SUBMARINE MESSAGE BROADCAST FREQUENCIES 1 page offset,Nov 74. #SUB-1 \$0.13
FAA Southwest Region Emergency Network, 1 page offset Jan 75 #FAA-1 \$0.13

Other Lists Still Available

Aviation Beacon & Transcribed Weather Stations 190-1800 Khz,Dec 74,4 pages,offset #AV200 \$0.26
Communication Stations in Antarctica,Jan 74,11 pages offset #ANT100 \$0.78
Using the MAFOR Weather Broadcast System #MAF-1 \$0.13 offset
List of Spy & Number Station, Jan 74 3 pages,duplicated #LREV2 \$0.26
The Loopback 2 pages duplicated \$0.13
Jamming-How to Recognize & Overcome It Jan-74 1 page duplicated #L02 \$0.05
Royal Canadian Mounted Police HF Freq. Guide 1 pg duplicated #L112 \$0.05
Loran-A, Brief Explanation 1 page photocopy #CG01 \$0.05
List of Time Stations of the World,Compiled by the US Naval Observatory,with addresses, Edition June-72 13 pages \$0.56
DXing the US Embassies & Dept of State Jan 74 2pgs duplicated #DEC2 \$0.13

Once again, IRCs or Checks may be used, but please do not send cash as it gets lost in the mail. IRCs are worth 26¢ in exchange for the Sheets.

These sheets are issued periodically by Steve Handler, and are not Official Speedy BIPS.

Other News:

RCA GLOBAL COMMUNICATIONS DISCONTINUED MARINE WEATHER SERVICES effective 0000 GMT, November 26, 1974. The following RCA Coastal Stations are effected. They discontinued scheduled radiotelegraph broadcasts of marine weather information:
WCC-Catham, Mass WOE-Lantana, Florida KPH-San Francisco, California
Effective 0000 GMT, December 1, 1974, KHK, Honolulu, Hawaii also discontinued scheduled weather broadcasts. All Stations will transmit emergency warnings on receipt. (via DOD-Advance NTM)

BALLOON CROSSING:-In February or March 1975 an Atlantic balloon crossing will be attempted. The balloon is planned to be launched from southern California with the probable destination to be southern France or northern Africa. Emergency communications will be carried out on 2182 Khz and 121.5 Mhz. Balloon communication equipment includes HF-SSB and VHF-AM transceivers for voice communications and a UHF transmitter for scientific data relay via the NOAA Synchronous Meteorological Satellite. Two VHF transceivers will be used to provide operational communications through the ARINC enroute communications network and Air Traffic Control (ATC) communications' through the FAA network during the transcontinental portion of the flight. During the crossing, voice communications will be provided through the RCA Global Communications HF voice facilities on Long Island, NY. The ARINC Int'l Gateway HF Service and AT&T Maritime Mobile service will also be available. The Atlantic Project Mission Control Center is located at RCA Globcom, 60 Broad St, New York. More information and reception reports will go to that address.

On or about 17 January 1975 Boston Lightship (42°22.7' N., 70°47.0'W) will be replaced by Boston lighted Buoy "B". A radiobeacon will operate on 302 Khz using the signal BH (-... ..) with an expected range of 20 miles. Also on the same date Portland Lightship (43°31.4'N, 70°05.5'W) will be replaced by Portland, ME lighted buoy, with a radiobeacon iding with (M) (--), or PH (---. ...) with a range of 20 miles. This removes to good catches from the Marine Frequencies. These two stations were very active Coast Guard Stations on 2670 and 2182 Khz.

QSL.....UTILITY QSL.....UTILITY QSL.....UTILITY QSL.....

UNITED STATES:

US Coast Guard Station, Brazos-Santiago Light Station, Port Isabel Texas 78578, beacon station PIL 314 Khz returned PFC. (Scott-FL) how long Lloyd?

WGU20-Defense Civil Preparedness Agency, Defense Information Center, Edgewood Arsenal Maryland 21010 for Voice test broadcast 179 Khz (Scott-FL) same but different address: Dept of the Army; USACC-CONUS OLNEY, Maryland Facility, Federal Regional Ctr, Olney, MD 20832 veri ltr signed by Eugene L. Kilcullen, Chief USACC-CONUS. Ltr states that the station is operated and maintained by this facility for the Defence Civil Preparedness Agency, and is located near Chase, MD. It is part of a prototype Defense Information Distribution System-Civil Defense (DIDS-CD). When completed this system will distribute information throughout the country. 50 KW using 716ft antenna. (Hank Holbrook) See the news notes as now this system may be discontinued. ED

USCG Cutter Courageous WMEC, 2182 returned PFC and a 5x7 photo of the ship, in 10 days, their address: P.O.Box 1622, Cape Canaveral, FL 32920 (Holbrook-MD)

USCG Cutter Capstan NFKU a 65ft Harbor Tug 2182, in a week for PFC. Address is Franklin & Union Sts, Alexandria, VA 22314 (Holbrook-MD)

USCG Cutter Steadfast NSF-WMEC623 210ft Cutter 2670, letter QSL in 10 days. vs: Denis R, White RM2, address: c/o CG Base, St Pete, FL. (Holbrook)

USCG Cutter Laurel NRPJ 2760, 180ft buoy tender, 8 days for PFC. Also they sent a small photo of vessel. (Holbrook)

Beacon S&T-Melbourne FAA 257 Khz sent PFC card, 280 watts w/135ft tower in 45 hours, for ms. vs/Paul Williams (Scott-FL)

USCG Cutter Courageous NCRG WMEC622-PFC in 27 days surface 5695 Khz usb, 500watts., 35' whip, vs: Paul Gamble (Chabak-CO)

USCG Air Station NO45, Mobile, Alabama returned a PFC in 11 days surface QTH is Bates Field. This is the CG aviation training center. 8984 usb 40' whip vs: David Adams (Chabak)

USCG Point Camden (NKIG) sent PFC 12 days 2694, 25 watts (Chabak)

USCG Valiant NVAI WHEC-621 2686 ssb using 500watts PFC 60 days vs: W. Powers (Chabak)

KKN43-U.S. DEPT OF STATE worldwide diplomatic network 12022.5 Khz CW, 3kW, horizontal log periodic, full data PFC with time, frequency, mode, power, and antenna. vs: John Swafford (W4HU), air in 5 months! (Griffith-Mo)

WSY70-NEW YORK RADIO-FAA my sent duplicated letter with date only for EE rpt in 1 1/2 months (Schilde)

addresses: Beacon ZBB 396 Khz James Richardson, Pres. Bimini Out-Island Ind. Ltd, Mgr Bimini International Airport, Bimini, Bahamas. Beacon S&T FAA Airways Facility SFO,

Melbourne Regional Airport, Terminal Bldg., 2nd Floor, Melbourne, Florida 32901.

ANGOLA: XXV34-LUANDA RADIO NAVAL STN 17189.6 KHz sent friendly personal letter for 3 IRCs in 3 weeks. (Schilde-FDR)

AMERICAN SAMOA-Gov't of American Samoa, Pago Pago sent PFC 14 days air KUQ20 7878 KHz ISB 10kW rhombic antenna. (Chabak-Co)

BARBADOS: Cable & Wireless WI Ltd Carrington 8PX74 15930 cw 500watts to Santo Domingo full data PFC w/date, time, freq, call, mode, pwr, as well as folder card via air in 105 days for 2 IRCs (Griffith)

BELGIUM: Oostende Radio (PT&T) OSU61 17314½ ssb sent B&W card w/data air for 2 IRCs didn't note date on card (Griffith)

CANADA: COTC-Drummondville, Quebec sent letter QSL, vs: C.A. O'Blenes, Sup., full data in 20 days GCG6 10520 KHz using a Marconi type HS51 transmitter, 30kW PEL, ISB feedings a rhombic antenna directed 50°49; for Greenland (Vogel-PA)

RADIO CANADA via COTC CGA4 9332 ssb sent mic card w/data to Canadian Forces in Lahr FDR. (Griffith)

F.D.R.: Radiotelephone Service Berlin, 11150 KHz sent children with lantern and full data card in 60 days surface (Crawford-Scotland)

INDONESIA: P&T Djakarta time station, PLC 11440 KHz, cw EE ltr veri w/date, time, call, station, freq., mode, ante, beam, 7 sked (0045-100 GMT Daily) vs: TH.A. Pratomo, rcvd via air in 2 months & 45 days for 2 IRCs. address: Directorate General of Posts and Telecommunications; Director for Frequency Management and Monitoring; Jalan Kebon Sirih 37; Jakarta, Rep. of Indonesia. (Griffith)

JAPAN: KDD-Oyama JBA46, 6860 KHz, ssb, 10kW vry nice colorful folder card w/station call and data vs: Miss K. Fukazawa, rcvd via air in 5 months & 10 days for 2 IRCs. Address: Kokusai Denshin Denwa Co., Ltd; Kokusai Tsushin Center; P.O. Box 1; 3-2, Nishi-Shinjuku 2-chome; Shinjuku-ku; Tokyo 160, Japan. (Griffith)

MEXICO: PT&T Spanish letter QSL for 1 IRC & EE rpt in 22 days air 10565 KHz XDD229 10kW A3b mode, vs: Clemente Perez Correa, Subdirector General de Servicios. (Chabak)

PANAMA: TRT-Panama City, HPI 9132½ KHz, AM 3kW ½ wave doublet, usual B&W TRT card w/data vs: Gunnar Nordstrom stating they air closing down ALL HF in Dec. 1974!! due to progress (Satellite) rcvd via FCM in 5 months for 2 IRCs (Griffith)

POLAND: Gydiana Radio 8773.6 KHz Statute card full data 7½ months surface (Crawford-GB) PTT-Warsaw 17600 KHz, SOQ26 20kW Press to Cuba on CW & 6980 KHz SOG39, 35kW to N.Y.

SSB two color QSL post card w/data and letter QSL in 6 months for 2 IRCs (Griffith)
Press sked is as follows: 1350 GMT on 11444, 13616, 15564, 20288 KHz
1750 8081, 9391, 11494, 13616 KHz
2050 5750, 8081, 12185 KHz

PORTUGAL: CPRM-Lisbon CUA53, 10175 KHz, ssb to Ponta Delgada, EE ltr with data in 5 months for 2 IRCs (Griffith)

SICILIA LEONE: SLET sent full letter veri in 28 days for 2 IRCs and EE report 13695 KHz, (Tafel)

HAWAII: WWVH-Kauai, Hawaii 15000 KHz full data Card, kauai isld w/native armed with spear in 25 days fr no rp (Beal-WA)

Addresses: Aeronautical Fixed Telecommunications Network 5ST-Agence pour la Securite de la Navigation Aeriennne, B.P. 0912, Tananarive, Malagasy.... NATO Sergwarden (DHJ59) Marinefernmeldegroupe 21; 294 Wilhelmshaven 31, Sengwarden, FDR

That's all the QSLs for this month. If you log them or QSL them, let us know! Share the wealth of information with the rest of the Speedx Members!

Late: BEHMUDA- 11400- Cable & Wireless St Georges sent World Map folder card w/full data & notice of ITU rules Art 17-18. Rcvd air or surface in 24 days for EE rpt & 1 IRC. vs: S.B. Garner (Compton-MA)

IF THE MIDEAST GETS HOT, watch for the Israelie Navy on 8707, 8696, 8810 KHz all are 4XZ located in Haifa. They have two submarines, the Leviathan (#75) and the Dolphin (#77). 6694 has been used in the past by the Egyptian Armed forces to pass war communiques. Id with B4A using CW. The Israelie Armed Forces also have been known to use 6332 and 8777 KHz with the ID "Galei Zahal Shidurei Tzeva Haganah le Yisrael".

The New China Press & News Agency 'Hsinhua' is using RTTY, 6915 KHz BGE65 in Spanish from Nankin. 10980 KHz Bq422 from Taian, and 15515 KHz BAK65 from Peking. Ceteka the Czechoslovakian Press Agency uses RTTY 14584-OLM2, 16350½-OLF4, 19525-OLD4. Prensa Latina-Habana operates on 14525, 15696.5, and 18195 KHz using RTTY. The North Vietnam Press Agency uses RTTY on 19990 KHz, and 7784 KHz from Hanoi. Even our VOA uses RTTY. They have been monitored on 22955 KHz from Delano.

Please use the proper forms when sending in loggings and qsls. It makes our jobs much easier and prevents hours of unnecessary work. And now on to the loggings-

LOGGINGS

NORTH AMERICA

CANADA: 3001 0127 VOLMET Gander N.F. OM wx AM 433 (Agner-NJ)
 9408 2230 RCI Sackville feeder to Daventry SSB (Beal-WA)
 10520 0045 GCG6 COTC DRUMMONDVILLE OM EE/FF vm SSB (Voxel-PA)
 17175 2245 VAI Vancouver DOT CQ mkr CW --? (Koizumi-JAPAN)
 MEXICO: 7350 0745 XDD212 Mexico City PTT YL SS/EE vm LSB (Hardester)
 U.S.A. 180a 1130 W3U20 Defense Civil Preparedness Agency Sta Edgewood
 Arsenal MD OM vm w/time ev 15 secs AM (Holbrook-MD)
 (1245: Scott-FL) (0110: "...reserved for the use of
 the national wx svc for summarizing emergency wx
 info for the E. Central States." Compton-MA)
 (0430: Thurman-IL)
 198 0948 "COH" FAA Beacon Swansboro NC new hi-pwr beacon! CW
 (Holbrook-MD)
 314 0315 "PIL" Brazo Santiago TX Beacon CW 444 (Scott-FL)
 400 0918 "FO" FAA Beacon Westhampton Beach NY CW (Holbrook)
 2500 1114 WVVH Kauai HI prop rot under WVV AM 333 (Gaede-CA)
 2670 1040 NMF CG Marshfield MA OM marine wx AM (Holbrook-MD)
 4507. 0140 KAF362 WIGWAM NB Wing CAP OM EE tfc SSB (Chabak-CO)
 5554 0630 Aeradio SanFran CA a/c tfc USB 444 (Trubee-HI)
 5652 0138 VOLMET NY OM wx AM 423 (Agner-NJ)
 8686 1355 WMH Dundalk Marine Terminal Baltimore MD V mkr CW
 354 (Compton-MA)
 8796 0550 WOM AT&T Ft Lauderdale FL OM EE tfc USB (Trubee-HI)
 8799 2324 WMI LGRG Lorain OH CM EE tfc SSB 444 (Agner-NJ)
 10636m 0850 KKN50 State Dept Wash DC QRA mkr CW (Hardester-CA)
 11179 0226 A3A Hickam Airways O' EE tfc USB 444 (Trubee-HI)
 13765 1833 NPM USN Honolulu HI CQ mkr CW 353 (Compton-MA)

NEW!

CARIBBEAN

BAHAMAS: 396 0300 "ZBB" Nassau Beacon CW 444 (Scott-FL)
 BERMUDA: 8720 1310 VRT C&W V mkr CW --5 (Fansler-IL)
 CUBA: 10784 2005 CML30 IRTS Havana YL SS/EE vm LSB --4 (Chabak-CO)
 14505 1835 CML38 IRTS Havana YL SS/EE vm LSB (Agner-NJ)
 JAMAICA: 2600a 0317 Kingston Aeradio OM EE wx AM 444 (Agner-NJ)
 MARTINIQUE: 4270m 0620 FFP2 Fort-de-France PTT Freq mkr CW (Hardester-CA)

CENTRAL AMERICA

PANAMA: 17453 1420 HPI TRT Panama City YL EE/SS vm SSB --2
 (Crawford-SCOTLAND)

SOUTH AMERICA

ARGENTINA: 4268 0645 LPD68 General Pacheco R. CQ mkr CW (Hardester-CA)
 CHILE: 8200a 0240 R. Nac. Santiago? feed USB (Agner-NJ)
 VENEZUELA: 4352 1000 YVG La Guaira R. Caracas CQ mkr CW (Hardester-CA)

EUROPE

BELGIUM: 17201 1200 OSU Ostend Ptt OM EE vm CW --2 (Crawford-SCOT)
 FINLAND: 8761 1215 OHG Helsinki PTT OM EE vm SSB --3 (Crawford-SCOT)
 FRANCE: 3010 2130 Paris Aeradio OM FF wx AM --4 (Crawford-SCOT)
 6795a 0846 FTS Paris CM FF/EE vm SSB --3 (Chabak-CO)
 10695 1115 FTS Paris CM FF/EE vm USB --3 (Hardester-CA)
 GERMANY E.: 1712 1610 DHS Ruegen R. YL 3G/EE vm SSB --4 (Crawford-SCOT)
 13375 1225 DKW5 Berlin UDP CM 3G/EE vm SSB --4 (Crawford-S)
 GERMANY W.: 8638 0810 DAM Norddeich R. V mkr CW --3 (Hardester-CA)
 GIBRALTAR: 9243 1410 MLU RAF freq mkr CW 354 (Compton-MA)
 GREECE: 4535 2315 SVA Athina1 R. YL Gr/EE vm SSB --? (Crawford-S)
 13105 1910 SVA Athina1 R. OM EE vm SSB (? - ?)
 HOLLAND: 5993 0015 PCK Amsterdam PTT OM EE vm SSB --4 (Crawford-S)
 ICELAND: 4089 1445 TFA Reykjavik PTT YL EE vm SSB --4 (Crawford-S)
 ITALY: 8649.5 2055 ICB Genova PTT V mkr CW (Koizumi-JAPAN)
 8799 1216 IAR Rome PTT OM It/EE vm SSB (Crawford-SCOTLAND)
 POLAND: 8557 1307 SPE Szczecin PTT V mkr CW (Koizumi-JAPAN)
 SPAIN: 8682 2035 EAD3 Aranjuez EMNATEL CQ mkr CW (Koizumi-JAPAN)
 13431 1150 Berne PTT YL EE/3G vm SSB (Crawford-SCOTLAND)
 U.S.S.R. 13080 1933 UMW Murmansk CQ mkr CW 353 (Compton-MA)
 15540 1200 ROW23 Moscow CPE YL EE vm SSB (Crawford-SCOTLAND)

AFRICA

DAHOMEY:	13535	1926	TYK35 Contonou CFR YL FF/EE vm SSB (Compton-MA)
ETHIOPIA:	10385	0037	ETJ84 Imperial Telecor Addis Ababa YL EE/Amh vm SSB --4 (Fansler-IL)
GABON:	12255	0043	TR21 Libreville TIG YL FF/EE vm SSB (Fansler)
IVORY COAST:	7570	0407	TUP75 Abidjan INTELGI YL FF/EE vm SSB (Chabak)
LIBERIA:	18700a	1651	KKN44 US Embassy Monrovia QRA mkr CW (Compton)
MALI:	4078	1455	TZB Bomako TELINT YL EE/FF vm SSB (Crawford-S)
MAURITIUS:	8726	2307	GZC Vacoas BRN V mkr CW --4 (Fansler-IL)
S. AFRICA:	6386.5	1805	ZSJ Navy Wynberg V mkr CW --3 (Koizumi-JAPAN)
	13028	1330	ZSD45 SA PO Durban V mkr CW --4 (Fansler-IL)

CHINA:	8710a	2337	XSX (Coastal? QTH?) CQ mkr CW --4 (Koizumi-J)
	17490	0105	R. Peking EE feeder USB 343 (Trubee-HI)
HONG KONG:	3840a	1600	VPS8 C&W Cape D'Agular V mkr CW (Koizumi-J)
	17190a	0520	VRN Sai Kung R. V mkr CW --4 (Koizumi-J)
INDONESIA:	8706	1300	PKC Palembang DDPL CQ mkr CW --2 (Koizumi-J)
	8797.3	1157	PKC Palembang DDPL CQ mkr CW --4 (Fansler-IL)
JAPAN:	11236	0209	AIF Fuchu USAF OM EE tfc USB 333 (Trubee-HI)
MALAYSIA:	8698	1316	9MG Penang DIGTEL CQ mkr CW --4 (Fansler-IL)
PHILIPPINES:	8660a	1243	DZJ Manila CQ mkr CW --3 (Koizumi-JAPAN)
	11180	0505	AIC Clark AFB EE tfc USB 252 (Trubee-HI)
	19575a	2137	NONWE Luzon USN MARS OM EE tfc SSB (Chabak-CO)
S. KOREA:	7580	0640	HLB63 Seoul KORINT YL EE/Ko vm SSB --4 (Koizumi)
	12940a	1227	HLC Seoul MinCom V mkr CW --3 (Koizumi-JAPAN)
TAIWAN:	13100	0445	BCQ93 CGRA Taipei YL EE vm SSB --3 (Koizumi-J)
U.S.S.R.:	8680	1300	UQB Kholmok R. V mkr CW --2 (Koizumi-JAPAN)
	10004	0150	RKM Time Sta w/CW ID Irkutsk (Hardester-CA)
	15000	0200	RKM Irkutsk pips & CW (Hauser-OK)

AUSTRALIA

5638	0938	VZSY Sydney Aeradio OM EE tfc AM 222 (Trubee-HI)
6680	0701	VZSY " " OM EE wx AM --4 (Chabak-CO)
7500	1415	VNG Lyndhurst APO Time Sta Boat AM 333 (Agner-NJ)
10017	1924	VLS Sydney VOLMET OM EE wx met rpts AM 444 (Agner-NJ)
12000	0715	VNG Lyndhurst APO time tick & OM ID AM 333 (Gaede-CA)

OCEANIA

GUAM:	11180	0451	AIE Anderson AFB Agana EE OM tfc USB 353 (Trubee)
TAHITI:	6851	0710	FTS Papeete YL FF/EE vm LSB 433 (Trubee-HI)

ALL AT SEA!

2182	0510	NSCC	CGC Durable w/CG New Orleans LA SSB (Holbrook-MD)
2694	0540		CGC Pt Camden w/CG Long Beach CA SSB (Chabak-CO)
2716	0228	NMAG	CGC Hamilton w/CG Rescue Boston MA SSB (Chabak-CO)
	0853		USS Santa Barbara AE-28 ammo ship clg Charleston Control EE OM AM (Chabak-CO)
5696	0348		CGC Pt Charles OM EE w/CG Miami SSB (Chabak-CO)
	0657	NSTF	CGC Steadfast OM EE w/CG Miami SSB (Chabak-CO)
	0842		CGC Burton Island w/NMO SSB (Chabak-CO)
6272	0103	GNEN	"Victoria City" cargo ship clg GKB CW (Holbrook-MD)
6521.8	0910		CGC Burton Island w/NMO & NMC SSB (Chabak-CO)
	0859	NAQD	CGC Jarius w/NMO SSB (Chabak-CO)
8360	0143	LNXF	"Fernfield" Norwegian Freighter clg Rozaland R. CW (Holbrook-MD)
8365	2348	LJDT	"Ferncrest" tanker off Nigeria clg GKC CW (Holbrook)
8367	0152	GNHT	"Merchant" frgrt S. of Haiti clg GKB CW (Holbrook)
12344	0736		USS Haleakala clg Guam Hospital USB 454 (Trubee-HI)
13152.5	0930		New Zealand Navy ship w/Pearl Harbor USB (Trubee-HI)
22240	1509	5LAR	"Aragon" Liberian frgrt S. of Cape Verde Islands clg GKB CW (Holbrook-MD)

AIRCRAFT IN FLIGHT

6738	0209	MAC40610	C-141 OM EE tfc to Loring Airways USB (Burton-OH)
	0212	Navy LW03	OM EE tfc to Loring AFB USB (Burton-OH)
	0215	MAC00028	OM EE w/Lajes AFB A ores USB (Burton-OH)
	0225	MAC90016	OM EE w/McLellan AFB USB (Burton-OH)
6756	0150	QE10,	Naval Patrol Squadron 40 clg Andrews AFB USB (Burton-OH)
6761	0250	GLIB36	SAC A/C tfc to RETAIL OM EE USB (Burton-OH)

TACTICALS

6723 0435 RASPBERRY MIRAMAR San Diego w/Grey Eagle SSB (Chabak-CO)
 7405a 0708 Missionary OM EE VM & Short Count SSB (Chabak-CO)
 9985a 2050 JIM BEAM EE OM w/BULL DURHAM SSB --4 (Chabak-CO)
 11243m 1030 ALPHA ONE OM EE tfc USB 353 (Trubee-HI)
 11180 0450 COBBLESTONE EE OM tfc USB 353 (Trubee-HI)
 0451 COTTONSEED EE OM TFC USB 252 (Trubee-HI)
 17975 1911 RETAIL Barkedale AFB LA EE OM tfc on ALFA net freq TANGO
 SSB 353 (Compton-MA)
 2123 DEMOCRAT March AFB CA OM EE wkg A/C & piving wx SE of
 Bogota Colombia SSB --4 (Chabak-CO)

"SPY" NUMBERS STATIONS

3230a 1011- YL SS 5-digit groups AM 12/15/74 (Chabak-CO)
 3268 0528- Piano ID. 0530: 8-digit(?) SS groups (YL?). Jammers
 or hams came on freq at 0535. 11/25/74 (Earhart-PA)
 5020m 0042-0043 YL GG 5-digit groups, each gr repeated, "Ende" ● 0043
 SSB 45454 12/30/74 (Compton-MA)
 5255m 2226-2230 YL 33 4-digit groups, "Ende" @ 2230 SSB 1/1/75
 (Compton-MA)
 6784 0735-0745 YL SS 5-digit groups. Very strong. USBPC 12/14/74
 (Handler-IL)
 6785 0723- YL SS 3-digit ID repeated. AM (Trubee-HI)
 7325 0624- YL "Atencion 294 45" repeated, then 5-digit SS groups
 as follows:

"37479 87401 38563 59324 98790 23430 99366 34871 20027 02030
 39821 98375 55892 74354 80012 22383 56548 03480 92384 12990
 02834 46520 19834 21218 36577 74349 03804 30987 39983 37382
 90692 73921 29837 77438 19823 34347 81873 38921 01290 02064
 36743 32876 67573 21873 16831 Final Final" 9/23/74 (Hauser-OK)

In this xmsn 294 seems to be the ID and 45 the group count.
 "Final" is the common ending for xmsns of SS nbrs stations (as
 "End" is for EE nbrs stations, "Ende" for 33 nbrs stations). Glenn
 notes that 7325 is a BFC freq. Can cross-modulation be ruled out
 for the SS nbrs, Glenn? (YL SS nbrs also reported on 7325 at 0621
 on 11/25/74 by Kae Earhart-PA. Kae notes QRM from VCA Woolferton
 with VOA coming in louder and much clearer after nbrs sta went off
 at 0631.)

7990a 0701-0703 YL SS "Atencion" fol by 3 digits, repeated. (What were
 the digits, Mike?) 12/1/74 (Chabak, CO)
 7990a 0705-0725 YL SS "Atencion" fol by 3 + 3 digits. 0708: 5-digit
 groups AM 12/1/74 (Chabak-CO)
 9474a 0824-0828 YL SS 5-digit groups SSB. Something else on this
 freq? Hard to get a BFO null. 12/6/74 (Handler-IL)
 9475 0818-0822 YL SS 5-digit groups AM 12/14/74 (Handler-IL)
 9980a 2230-2239 YL EE 956 repeated for 9 mins, then off. AM. 11/23/74
 (Chabak-CO)
 3364 0530-0540 Piano ID fol @ 0532 by OM 4 or 5 digit groups. QRM
 too heavy to determine lang or nbr of digits. 11/25/74
 Hrd again 0536-0550 11/26/74, mx ID only. (Earhart-PA)

The VLF bands are now included in the SPEEDX Utility Report, so
 don't forget to send your low frequency loggings to us. A few appear
 above but so far not many have been received. Some interesting stations
 broadcast way down there, so we'll be looking for your longwave loggings!

To the eighteen contributors of loggings this month, a big THANK
 YOU! and we hope to hear from the rest of you next month!

731

Steve Handler
Ken Compton

QSL REPORTS



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

Deadline: 15th of month

Countries verified thru February -- 121 + Antarctica

Here we go again. 1 down and (n - 1) to go. In response to several requests, I will continue the monthly country tally started by Doug. However, one small problem emerges--what do we do with Antarctica? Since the 1959 agreement to internationalize the continent for 30 years, it obviously isn't a country, though a lot harder to hear than VOA. I'll welcome suggestions on what to do with it.

Now hear this! The mystery is solved--maybe. After putting my best operatives on the job and with an able assist from Ed Day and others, the only "Kenga" we can come up with is on the Kenga River, a tributary of the Parabel River, and located at 57.27 N Lat and 80.57 E Long. This is about 180 miles NNW of Novosibirsk and about 90 miles SW of Kolpashevo. Doesn't look like much on the map, but beauty is in the eye of the beholder, and that is what is listed in the gazetteers and on the large scale maps (most maps don't show it at all). Still RSFSR (Asiatic) though, which will be a disappointment to those hoping to add Lower Kenga to their country lists.

Thanks to those who sent in the SWL Address Book version of the R. Libertador. By way of explanation (and in self-defense), the report was made before the 1974 edition of the address book came out. I had the 1969 edition, noticed the difference in addresses, and opted for the one in the 1974 WRTH as being more recent. My mistake--it was 5 years out of date. Since it was 6 months in being returned, it is obvious that the Caracas P.O. didn't try too hard to find them. So let me plead once more--if you get a new address on a station, please send it in. Someone, somewhere, sometime may need it. Three times in the last three weeks I have needed an address not in WRTH or the SWL Address Book. One I finally located in a back issue of SPEEDX after an hour of searching, for one I located the city only--took a chance on the P.O. and mailed a report to the city, for the other--nothing. Yet both of the last two have been reported in the QSL column of SPEEDX in the last 6 months--one of them 6 times! Nuff said.

Quite a variety of reports this month. Some exotic Indonesians--Dan Henderson and Kevin Snot keep adding to their mountains--and a wide range of Africans. Australia is still doing well, but the USSR (both European and Asiatic) got the big play this month. On to the loggings.

EUROPE

- AUSTRIA: ORF, 9770, f/d Salzkammergut cd in 21d for 1 IRC and 2 reps on SPEEDX form (WICKETT MD); 15155, f/d white cd w/black lettering, 23d for no rp, air (DuRANT THAI); 15335, "meeting place in heart of Europe" cd in 31d air for no rp (CHAFFIN CAMEROON); 17775, f/d silver cd w/Voralberg photo on reverse in 23d air for no rp (DuRANT-THAI); 17850, f/d silver cd w/Tirol photo on reverse in 23d air for no rp (DuRANT-THAILAND)
- BELGIUM: ORU, 6055, standard gray cd in 7d air for 1 IRC + 2 pennants (DEAN OH); 9545, map cd in 73d air for no rp, freq but no time given (CHAFFIN CAM); 9655, world map with a little man in the corner (Mark claims he's a Martian!) in 145d air after 2 f/ups (SCANNELL MA)
- BULGARIA: R. Sofia, 9700, f/d cd w/picture of Ohrid University in Sofia + pennant in 170d for 1 IRC (CARRICK VA), same, w/o pennant in 170d sfc (FAMULARO NJ), f/d seaside highway cd in 109d, no rp (BROOKER MI)
- CYPRUS: BBC, 6180, no data Thames cd w/BBC East Mediterranean Relay typed in. 20d for taped report and 3 IRCs (WASHBURN ME)
- CZECHOSLOVAKIA: R. Prague, 7245, f/d skiing cd in 24d air, no rp (ZIMAROWSKI MA), 5930 and 7345, cd w/photo of Castle of Prague Hradcany in 27d air for 1 IRC (GUATNEY VT) (Welcome aboard Charlie; your reports are fine, forms just save time--yours and mine. b)
- FINLAND: R. Finland, 15185, winter in Finland cd in 15d air for 2 IRCs + sked and ant. data sheet (TRZASKUS IL), same in 21-25d (VOCKEROTH PA)(FAMULARO NJ)
- GERMANY (FEDERAL REPUBLIC): Deutsche Welle, 6100, multi colored DW "20 Jahre Deutsche Welle" cd in 90d air for 1 IRC (SCOTT FL); 6145, circle cd w/wrong date, time, site, mit Luftpost in 70d for 1 IRC (CLEVELAND CA); 9545, multi colored cd w/DW logo in the middle, 66d air for no rp (SMITH FL), 20 Jahre cd in 78d (SCANNELL MA); 9690, DW logo cd in 106d, f/d, air for no rp (SMITH FL) (Time, persistence, and luck, Tom. bc) 9735, 20 Jahre cd in 66d w/no rp (SMITH FL); 9745, mascot & emblem of 1974 FIFA World

GERMANY (F.R.) continued: Cup + large pennant in 90d air for no rp (BEAL WA); 92765, 20 Jahre cd in 60d for 2 IRCs (VOGEL PA); 9 freqs (not stated) for DW from GFR, Malta, and Rwanda--no data cd w/Albrecht Durer portrait of a young woman #3130, in 47d for no rp (CHAFFIN CAMERON)

R. Free Europe, 92705, date and freq only flue/white pc in 51d for no rp (LEVIN NY)

GREAT BRITAIN: BBC, no freq, usual Thames cd in 18d air (SCANNELL MA)

GREECE: EIRT, 5960, f/d cd in 31d air for taped rep and 3 IRCs (WASHBURN ME)

VOA, Kavala, 7165, capitol cd in 7d sfc /s/ Monica Vall (STRAUMANIS IL); 7170 & 9540, same cd in 125d sfc /s/W.E. Dulin (CHAFFIN CAM); 11845, same in 8d (RODRIGUEZ PR)

HOLLAND: R. Nederland, 5965, 1 of the 13 antennas cd in 45d air + same cd in 9d for rep on 6165 (SCANNELL MA); no freq, cd of man and woman looking at a view from a mountain in 9d (SCANNELL MA); 92715, WDXHAC cd in 53d + sked, f/d (STRAUMANIS IL)

HUNGARY: R. Budapest, 9833, "typical" cd w/plug for RESWC on reverse, 2mo for no rp (M. RAYMOND MA)

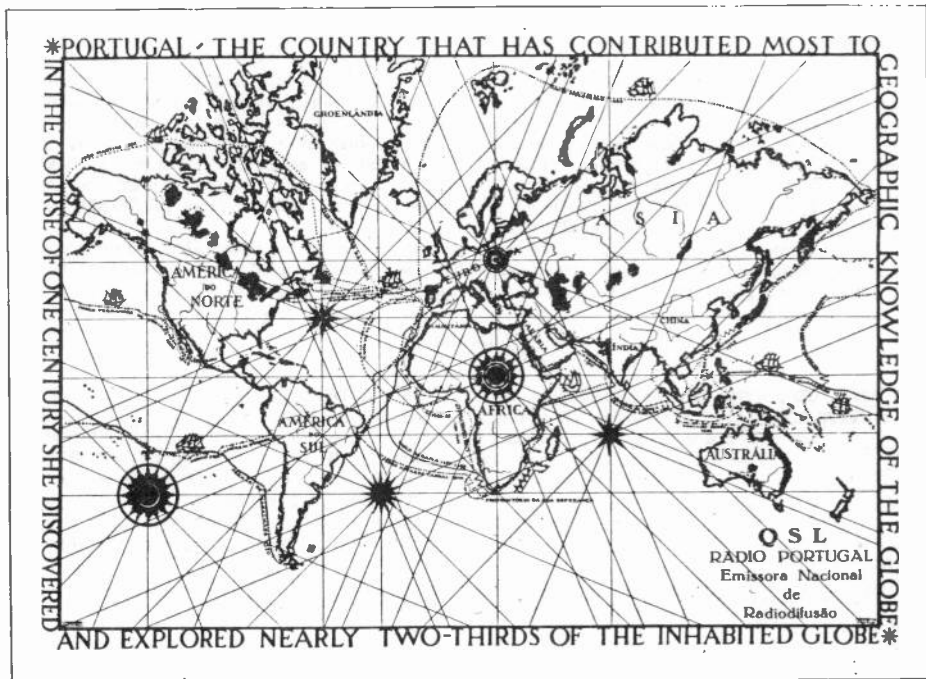
LUXEMBOURG: R. Luxembourg, 6090, f/d cd w/antenna and coat of arms in 23d for 1 IRC (YAJKO PA), same in 20d for 1 IRC (ZIMAROWSKI MA)

MALTA: Deutsche Welle, 6065, 20th anniversary cd, stamped "Deutsche Welle Test Malta" 3 $\frac{1}{2}$ mo sfc, no rp (LANOUE MA); 9610, f/d circles cd in 2mo (MOORE PA); 11705, circles cd in 86d air for no rp (CHAFFIN CAM), same in 146d air + a Christmas and New Years gift sent (presumably) to all monitors--a very handsome and useful World Atlas (DU RANT THAI) (Is Kenga on it, Henry?? bc). 11865, f/d circles cd stamped "Test Malta" in 60d air, Gilfer rep form w/2 IRCs (GRIDER MD), 20 Jahre cd in 104d /s/ H.A. Hochfrequenz (your joke or theirs, Tom?? bc) (GAVARAS MN)

R. Canada Int'l., 6100, f/d HAC cd in 2 wks (MOORE PA); 7250, same in 23d (ZIMAROWSKI MA)

NORWAY: R. Norway, 17795, f/d reindeer cd in 24d air for 1 IRC (YAJKO PA)

POLAND: Polish R., 9540, cd w/2 cockerels in 23d air, no rp (ROSE ENG); 11815, cd #3 in map series, 43d air for no rp (PIMBLETT ALB)



PORTUGAL: Emis. Nac. de Radiodifusao, 6025, color photo of clipper ship "Sagres" in 10d air, for 1 IRC and PP rep (GUATNEY MI), same in 14d air for EE rep (SCANNELL MA)

R. Portugal, 6025, f/d clipper ship cd in 21d air, 2 IRCs (VAN HIMBERGEN MI); 11935, Sagres cd in 16d air (FAMULARO NJ); 15340, same in 40d air, no rp (CHAFFIN CAMERON); no freq., same cd in 13d (SMITH FL). But I still like the old map card--nostalgial! bc

Ibra R., 9670, f/d red, black, white cartoon cd in 29d air for 1 IRC (ZIMAROWSKI MA)

R. Free Europe, 15215, f/d blue/white cd s/site "Portugal" for Romanian bcst, no time (HANDLER IL)

SPAIN: RNE, 11775, f/d antenna cd in 40d air for no rp and SS rep (SRIDHAR INDIA)
15145, antenna cd + pennant in 64d air for no rp and EE rep (LEVIN NY)

SWEDEN: R. Sweden, 6035, Northern Lights cd in 34d air /s/ Ada Feny (SCANNELL MA)
9630, f/d map cd in 30d air for no rp (ROSE ENG); 11790, map cd in 109d air + cancelled stamps for no rp (CHAFFIN CAMEROON)

SWITZERLAND: SBC, 11870, f/d tree cd in 15d air /s/ J.A. Chisholm (SRIDHAR INDIA)
21520, cd w/Geneva's Jet d'Eau in 49d air, same v/s (SCANNELL MA)
 International Committee of the Red Cross, 7120, f/d cd w/mikes on Red Cross background in 28d air for no rp (ROSE ENGLAND)

USSR

Byelorussian SSR: R. Moscow via Orsha, 7100, f/d picture of Kremlin Palace, 45d air for EE rep (MOORE PA)

Lithuanian SSR: R. Vilnius, 7355, f/d brown and black "tree design" cd in 2mo sfc, EE rep and no rp (VECCHIOLA PA)

RSFSR (European): R. Moscow, 7350, f/d green/white microphone cd by air in 35d, no rp; site Moscow (SMITH FL), same cd in 32d (DAY CA); "41 m.b.", painting of buildings in 25d air, site Moscow (GUATNEY VT); 7440, f/d cd, air 45d w/Moscow site (SMITH TN); 11690, skyscraper cd in 38d air, Moscow site (CLEVELAND CA)
 R. Peace and Progress, 15255, plain green cd, freq as "25 m.b." in 72d sfc, no rp (CHAFFIN CAM); 17710, small green cd w/date, time, and m.b., skeds and stn info in 53d air for 1 IRC (WICKETT MD)

Ukrainian SSR: R. Moscow, 7165, via Kiev, green circles cd in 38d air (CLEVELAND CA); 9700, via Nikolayev, red cd w/painting of city, 30d air (DEAN OH); 1185x, microphone cd in 38d air (PIMBLETT ALB); 5940 (whoops! out of order) via Vinnitsa, f/d brown and green checked cd in 38d air (HARDING CA)
 R. Kiev, 11900, f/d boy and girl pc in 120d (LEVIN NY); 15210, 17900, 5 f/d circle cds + pennant in 62d for Kiev rept. form (MEEHAN CA)

USSR (no site): R. Moscow, 7100, space monument and buildings cds (2) in 30d air (VOGEL PA); 7400, space monument f/d cd in 30d air (FAMULARO NJ); 21510, f/d Moscow skyline cd in 32d air (SMITH FL); 9???, green/red/white telescope cd in 243d sfc (CHAFFIN CAM). And if you think this is a lot of Russians, Dave Chaffin reports a letter from R. Moscow to him states 60 QSLs are on the way! HELP!! Dave, did you know that 60 R.M. QSLs stretched end to end would reach 30 feet or halfway to Cairo, whichever is closer? bc

VATICAN STATE: Vatican Radio, 11790, card of Studio Building in 16d air for 2 IRCs (FROEMMING AZ)

YUGOSLAVIA: R. Belgrade, 6100, f/d folder cd, sked, and some Norwegian and Finnish stamps for EE rep, 1 IRC (MOORE PA)

AFRICA

ALGERIA: RTVA, 15420, f/d blue/white cd w/station name written in Arabic and French, in 130d sfc for 1 IRC (CARRICK VA)

ASCENSION ISLAND: BBC, 9600, usual no data Thames cd in 2mo (VOCKEROTH PA); no freq, color photo of Parliament buildings in 13d air for 1 IRC (GUATNEY VT)
 VOA, no freq, capitol cd w/time and freq in 9d (HANDLER IL)

CAMEROON: R. Yaounde, 4972.5, f/d yellow/blue map cd in 108d sfc for 1 IRC (MAYER IL), same cd in 3½mo for FF rep, 2 IRCs (LANOUE MA)

CENTRAL AFRICAN REPUBLIC: 5033, EE ltr with all data (said they had run out of cds), in 76d air for 2 IRC and EE/FF rep (RODRIGUEZ PR). Sorry--Rdif. Nat. Centrafricaine.

CHAD: Rdif. Nat. Tchadienne, 4904.5, f/d cd w/3 black/white pictures of sites in Chad, 15d air for 1 IRC (CARRICK VA), same in 29d for Gilfer rep form and 2 IRCs (GRIDER MD)

EGYPT: R. Cairo, 9475, f/d 1st serial, 3rd scene cd in 32d, no rp (WICKETT MD), 9445, (you sure about that frequency, Hobart? bc) 1st serial, 2nd scene cd in 60d sfc for no rp (BEAL WA), same cd in 39d for no rp (ZIMAROWSKI MA)

ETHIOPIA: ETLF, 11960, f/d cd in 30d air for 3 IRCs (WASHBURN ME); 15245, f/d card proclaiming Christ to His world w/ETLF sign in 60d air (SRIDHAR INDIA)

GABON: Rdif. TV Gabonaise, 4777, LV de la Renovation QSL w/full data in 41d air for 3 IRC and FF rep (PASCHKE WI)

GHANA: GBC, 4915, f/d typical Ghana cd in 5mo for 1 IRC (M RAYMOND MA); 4980, f/d white/green/yellow/red cd in 99d sfc for no rp, EE rep (SMITH TN), same in 9mo air for 2 IRCs (LANOUE MA); 6130, same cd in 63d, no rp, EE rep (CARRICK VA); 9545, same cd in 62 & 96 days (SCANNELL MA)(LEVIN NY); 11850, same cd in 4mo for 2 IRCs (VOCKEROTH PA)

LIBERIA: VOA, 7280, capitol cd in 8d from Monica Vall (SMITH FL); 9540, same in 8d (LEVIN NY)

MAURITANIA: Rdif. Nat. de Mauritanie, 4845, cd w/African map giving times, freqs, and sked in 65d, Gilfer form, 2 IRCs (GRIDER MD)

NIGER: ORTN, Niamey, 5020, date, time only white/black/red/green "Ici Niamey" cd in 32d air for 2 IRCs, FF.rep (MAHONEY IN)

NIGERIA: NBC, Kaduna, 3396, green/white home service cd in 18d air, f/d, for no rp and EE rep (CARRICK VA)

RWANDA: Deutsche Welle, 15380, usual DW "Afrika" map cd in 81d air for 2 IRCs and EE rep (TRZASKUS IL), same in 3mo air for no rp /s/ Thiele (VECCHIOLA PA)

SIERRA LEONE: S.L. Broadcasting Service, 3316, f/d personal letter in 87d sfc for EE rep and 1 IRC (MAYER IL)

SOUTH AFRICA: RSA, 2270, "Pin Cushion Protea" flower cd, f/d in 25d air for 2 IRC (DAY CA) same cd in 9d air for no rp (GUATNEY VT); 9525, Nyala ram cd, f/d in 21d air for 2 IRCs (THOMPSON NM), same in 19-20d (FAMULARO NJ)(YAJKO PA), Tartar tree cd in 16d for 1 IRC (BLAKE IN); 11900, Nyala ram cd in 8d air, 1 IRC (GUATNEY VT), same (2 cds) in 16-20d (SMITH FL), Coral tree blossom cd in 30d for no rp (VOCKEROTH PA); 21535, Nyala ram cd in 19d air for no rp (SMITH FL)

SABC, 3250, multicolored industries cd in 20d, no rp (BROOKER MI); 4810, same cd in 19d + RSA pennant (SMITH FL); 4875, same cd in 45d air, 1 IRC (SCOTT FL)

TOGO: Rdif. du Togo, 5047, tri-colored map and globe cd in 50d air for FF rep and no rp (RADTKE CA), same in 70d for 2 IRC and EE/FF rep (RODRIGUEZ PR), same in 90d for FF rep (SCOTT FL)

TUNISIA: Rdif. TV Tunisienne, no freq, f/d color pc of native woman and camel fetching water, 24d air for EE rep and 1 IRC (CARRICK VA)

ASIA

AFGHANISTAN: R. Afghanistan, 15195, f/d map cd w/Afghanistan's leading cities and a depiction of the statue of Bamyán/Buddha. 30d, EE rep and 3 IRCs (B. RAYMOND MA)

BURMA: BBS, 5040, f/d plain white cd in 65d air for EE rep and 3 IRCs (this is just the last 3 IRCs--I've tried to get a reply out of them for 3 years) (CLEVELAND CA)

CHINA (PEOPLE'S REP): 9780, "Red Flag Canal" painting cd in 16d air, no rp (SCANNELL MA); 9940, "Night cruise through Yangtse Gorge" painting cd w/date and freq in 2 wks air (VECCHIOLA PA); 9960, same cd in 21d, 1 IRC (GUATNEY VT) (Yes Charlie, 1 IRC is return postage; no rp is just that--nothing. bc); 11945, same cd in 21 and 30d (MAYER IL)

(FAMULARO NJ), Red Flag Canal cd in 28d (MULLEN MT) MI)

CHINA (REP): VOPC, 15125, Ching Dynasty copper/enamel cup cd, f/d in 68d, no rp (BROOKER MI)

17720, f/d cd of ancient Chinese landscape painting + pennant and sked (CARRICK VA)

17890, cd w/gold plated bronze burner of Ming Dynasty in 40d air, no rp (RADTKE CA)

INDIA: AIR, 11810, New Delhi, Stone carving cd in 2mo air for MS (SCOTT FL)

INDONESIA: RPKD Kediri, 3433, f/d Indo ltr in 30d air for MS (HENDERSON MD) and in 34d air for 2 IRCs (SZOT CA). Power listed at 600 watts. Both used NASWA INDO rep form. Congratulations fellows. Address: /s/ Mrs. Trie Soekirno
Suara Canda Birawa Radio Pemerintah Daerah Kabupaten Studio Kediri
Pengasuh Jawaban Surat S.C.R.P.D.
Kabupaten Kediri, Propinsi Jawa Timur

RPKDK Pamekasan (Tingkat II) Madura, 3484, date, time Indo ltr, registered, w/four previous QSL receivers listed--2 in USA and 2 in Australia. Power listed at 110 watts input! 28d air w/3 IRCs /s/ R. Zainal Fatah (HENDERSON MD) Sorry--Indo rep.

RPDK Situbondo, 3578, handwritten Indo ltr from stn. personnel, also asked to be a penpal. 30d air for 3 IRCs and Indo rep. /s/ Fasi Glerman. Also sent pc of Balinese women. (Significance?? bc) (HENDERSON MD)

RRI, Ujung Pandang, 4720, black and white photo cd of studio bldg + personal ltr in 28d registered mail for 2 IRCs. /s/ Slamet Poedjono (MAHONEY IN), same in 30d air for no rp (RADTKE CA)

IRAN: V. of Iran, Tehran, 9022, photo of studio bldg, cd in 141d air for 2 IRCs, EE rep (RODRIGUEZ PR); 9785, same cd in 29d air (verifying 9022) /s/ M. Fracyon (SCANNELL MA) 15084, same in 98d air for 2 IRCs (STRAUMANIS IL)

IRAQ: R. Baghdad, 9745, f/d map cd w/photo of suspension bridge in Baghdad, 83d air for 2 IRCs + info and emblem (STRAUMANIS IL), same in 32d, 1 IRC (sorry--no name)

ISRAEL: IBA, 12050, f/d Menorah cd in 47d, no rp (LEVIN NY); 15490, same cd in 56d air (SCANNELL MA), f/d picture cd of Kenneset Memorial in 74d for FF rep (SMITH FL)

JAPAN: NHK (R. Japan), 5990, cd w/YAKKO-footman of Samurai family, date and freq in 14d air, no rp (THOMPSON NM); 9505, date, freq, Yakko cd in 14d + calendar (MEEHAN CA); 9700, 7th Sumo wrestler cd in 31d air, no rp (CHAFFIN CAM); 11725, date, freq, Yakko cd in 12d air, no rp (MAHONEY IN)(PASCHKE WI); 15235, f/d Yakko cd in 11d (HARDING CA); 15270, NHK Hall--puppet cd in 15d air, no rp (BLAKE IN)

FEN, Tokyo, 6155, blue/white FEN cd w/date and freq, 16d air, no rp (SMITH TN)

JORDAN: R. Jordan, 9560, f/d picture of the Port of Aqaba in 16d air for 1 IRC, EE rep (MOORE PA)

KOREA (REP): R. Korea, 9640, f/d Changdeoc palace cd, 24d air, 2 IRCs (DAY CA)

KUWAIT: R. Kuwait, 15415, KBS folder cd in 73d air for 1 IRC, EE rep /s/ C.V. Merani on accompanying sked (TRZASKUS IL), same in 47d (CHAFFIN CAMEROON)

PHILIPPINES: FEBC, 11920, f/d 25th anniversary cd, 135d air for 3 IRCs (HARDING CA)

VOA, Tinang, 11805, f/d capitol cd in 10d sfc (MAHONEY IN); 11965, same cd in 6d /s/ Monica Vall (SCANNELL MA)

RYUKYU ISLANDS: VOA, Okinawa, 6010, capitol cd in 10d sfc, no rp /s/ Monica Vall (RADTKE CA)

SARAWAK: R. Malaysia Sarawak, 4950, f/d color photo of broadcasting studio, 20d air for no rp (RADTKE CA), same in 12d, 2 IRCs (CLEVELAND CA)

SINGAPORE: R. Singapore, 5052, f/d color cd of Singapore at night, 87d sfc for 2 IRCs (THOMPSON NM); 11940, f/d cd of Singapore housing development, 92d sfc for 2 IRCs (THOMPSON NM)

SRI LANKA: VOA, Colombo, 11835, capitol in 3d /s/Monica Vall (STINE MD)

SYRIA: R. Damascus, 9665, f/d cd in 149d registered airmail to taped rep and 3 IRCs sent registered air (WASHBURN ME)

USSR:
Armenian SSR: R. Yerevan, 11690, f/d small white cd in 8mo air for 1 IRC, registered mail after f/u (TRUBEE HI)
RSPSR (Asiatic): R. Moscow, 5910, f/d space monument cd, site Kenga, in 28d air (HARDING CA); 5980, 7150, 7175, 12050, ring, flag, and rocket cds (4), all Khabarovsk, in 38d air (CLEVELAND CA); 7110, f/d Moscow University cd via Khabarovsk in 27d air (DAY CA), same in 48d (CLEVELAND CA); 7150, f/d city buildings cd via Sverdlovsk in 48d air (VAN HIMBERGEN MI); 7180, f/d Moscow University cd via Blagoveshensk in 39d air (DAY CA); 7260, skyscrapers cd in 38d air, site Vladivostok (CLEVELAND CA); 9500, red/orange/white cd in 38d air, site Kenga (PIMBLETT ALB); 9580, space rocket cd in 38d air site Blagoveshensk, also enclosed pc of railway stn and seaport at Vladivostok (LEISTNER CA); 9780, rocket monument cd via Nikolayevsk-on-Amur in 39d air (DAY CA); 11860, flags of the republics cd via Yuzhno-Sakhalinsk in 36d air (DAY CA), skyscraper cd, same site in 38d (CLEVELAND CA); 12050, f/d space memorial cd via Khabarovsk in 30d air (SMITH TN); 15180, city skyline cd, site Petropavlovsk-Kamchatsky in 3wks air (TRUBEE HI), red/white/green/gold cd in 41d air (THOMPSON NM); 17775, flags of the republics cd via Khabarovsk in 2wks air (TRUBEE HI); 17900, far-out architectural spire cd, site Komsomols-on-Amur, in 8wks air + large map of USSR (requested) (TRUBEE HI)
USSR (no site): R. Moscow, 11860, architectural cd in 40d air (RADTKE CA) (Probably Yuzhno-Sakhalinsk as were others from WCNA on this fcy. bc); 7.15, 7.26, 9.73, 15.18, 5 cds of types described above in 42d air (MEEHAN CA)
Uzbek SSR: R. Tashkent, 9600, chimes tower cd in 97d air for 1 IRC (WICKETT MD)
VIETNAM (DEM. REP.): V. of Vietnam, 15012, white paper cd in 130d air, no rp (PIMBLETT ALB)

OCEANIA

AUSTRALIA: R. Australia (all f/d). 5995, kangaroo cd, 120d sfc for 1 IRC, /s/ Peter Homfray (BEAL WA); 9570, tropical fish cd, no time, (GAEDE CA); 9580, tropical fish cd no time (GAEDE CA), horse-drawn stagecoach cd in 12d air for 1 IRC (GUATNEY VT), kangaroo cd in 31d air for 1 IRC (BLAKE TN), same in 120d (SCOTT FL); 11710, kangaroo cd in 94d sfc, no rp (ZIMAROWSKI MA); 11930, Sydney Opera House cd, no time, (GAEDE CA); 15160, kangaroo cd, no time (GAEDE CA); 15320, tropical fish cd in 103d sfc for 2 IRCs (YAJKO PA); 17795, Canberra Parliament House, no time (GAEDE CA), kangaroo cd in 87d, no rp (DAY CA), same in 60-86d for no rp (WICKETT MD) (STUART OK), tropical fish cd in 69d sfc, no rp (HARDING CA), same cd in 3mo, no freq cited (M RAYMOND MA)
 ABC Perth, 2610, usual map cd of W. Australia, f/d in 44d for no rp (SMITH FL), same in 113d air for 1 IRC (WICKETT MD), same in 6mo for no rp (M RAYMOND MA)
 ABC Sydney, 6090, usual ABC domestic map cd in 18d air for 1 IRC (MAHONEY IN)
 VNG Melbourne (P.O. Frequency and Time Stn), 7500, f/d folder cd in 15d air for 1 IRC (STUART OK)

NEW CALEDONIA: R. Noumea, 7170, black/blue/white cd w/island and antenna in 36d air for 1 IRC (CARRICK VA)

NEW ZEALAND: NZBC, 2540, f/d ltr explaining that QSL cds are out of print, 43d air for no rp /s/ J.E. Head (SMITH FL)

PAPUA NEW GUINEA: R. Morobe, 3220, f/d old style folder cd in 90d air, MS /s/ Jack Ainui (MAYER IL)
 R. Milne Bay, 3360, f/d personal ltr in 162d sfc for 1 IRC (ltr said QSL cds not yet printed /s/ Diba Samno (spelling?? bc) (MAYER IL)
 R. Rabaul, 3385, f/d black and white map card showing all stations of PNG, 145d air for 3 IRCs (SNYDER CA)
 VLT4, Port Moresby, 4890, EE form ltr with f/d typed in, 40d air for 3 IRCs /s/ Allen Hull (CARRICK VA), same in 24d for 2 IRCs (BARON PA)

TAHITI: R. Tahiti, 15170, f/d blue cartoon cd - "Thumbs Up", in 3wks air for 1 IRC and FF rep (VECCHIOLA PA)

S. AMERICA

ARGENTINA: RAE, 9690, f/d blue cd w/white design, black lettering, in 103d air for 1 IRC and EE rep (STRAUMANIS IL), same in 20d for 1 IRC (STUART OK), same in 71d air for 2 IRC (THOMPSON NM), same in 49d sfc for no rp (MEEHAN CA), same in 61d sfc for no rp and verifying both 9690 and 11710 (WICKETT MD)

Life is what happens to us while we are making other plans

BOLIVIA: R. La Cruz del Sur, 4875, Mt. Illimani/llama cd in 60d air for 2 IRCs and SS rep w/cancelled US stamps (BEAL WA)

R. Altiplano, 5045, red/white/blue printed cd in 11 $\frac{1}{2}$ mo, date only by air for MS and SS rep (CLEVELAND CA)



DIRECCIONES:

ESTUDIOS
Av. CAMACHO 1468
CASILLA 1081
TELS. 10906-25946-21770
11684

PLANTA DE TRANSMISION
Av. LAS PALMERAS
(KALACOTO) TEL. 32384

CP 35-38

ONDAS
MEDIA-810 Kc.
CORTA-5045 Kc.
FM-90 Mg.

LA PAZ, BOLIVIA 4 febrero de 1974
Al Señor: W. R. Cleveland

Estimado amigo:

Recibida su apreciable comunicación de fecha 4 febrero a la que respondemos. Sus referencias sobre nuestros programas y frecuencias están de acuerdo con las transmisiones de ALTIPLANO el 3 de febrero. Agradecemos su atención y al ponernos a sus órdenes, le ofrecemos las expresiones de nuestra atenta consideración.

p. RADIODIFUSORAS ALTIPLANO

DESDE LA CUMBRE DEL MUNDO HASTA EL PUNTO PRECISO DE SU DIAL
ALTIPLANO EN SINTONIA 24 HORAS AL DIA

BRAZIL: R. Nacional de Brasilia, 11780, f/d flower clock pc + pennant and Brazilian stamps in 53d air for 2 IRCs and PP rep (LEVIN NY); 15445, photo cd of Congress Bldg at night w/time, date, and meter band in 6weeks for 1 IRC and EE rep (B RAYMOND MA)

CHILE: LV de Chile, 9560, f/d cd showing color picture of rocks (!) in 3mo for 2 IRCs EE rep + SS form ltr on using SINPO code /s/ Gustavo Heitmann S., Jefe Departamento Technico (LANOUE MA); 15150, f/d cd w/picture of park in 2mo for EE rep and 1 IRC (B RAYMOND MA)

COLOMBIA: LV del Cinaruco, 4865, no data cd of confirmation + ltr in 120d air for SS rep /s/Garriso Muñoz Tello (GAVARAS MN)

R. Nacional de Colombia, 4955, date, freq only aerial photo of the Ciudad in 24d for 1 IRC (BARON PA), color pc of bridge crossing river, date only, in 15d for 1 IRC and EE rep /s/German Vargas (CARRICK VA)

R. Sutatenza, 5075, date, freq only cd of transmitter station in 110d sfc for MS and SS rep (GAVARAS MN)

R. Continental, 6125, no data Christmas cd with station stamp and sign in 196d air for MS and SS rep /s/Ramiro Gallo R. (MAHONEY IN), same in 129d for MS and SS rep (GAVARAS MN)

ECUADOR: Emisoras Gran Colombia, 4910, date only ltr of thanks in 18d air for MS and SS rep + 30th anniversary red/white pennant /s/Eduardo Cevallos Castaneda, Gerente General (CLEVELAND CA), same in 18d for SS rep and MS (RODRIGUEZ PR)

R. Quito, 4923, folder cd w/veri statement in 5 languages, 30d air for MS and SS rep (RODRIGUEZ PR)

HCJB, 5970, Mount Cotopaxi cd in 30d air, f/d (FAMULARO NJ); 9560, Mount Cotopaxi cd in 36d air for 1 IRC (DAY CA), same in 28-38d (MACCOY AZ)(THOMPSON NM)(YAJKO PA)(PASCHKE), Sangay Mountain cd in 20d sfc, no rp, /s/Sam Rowley (BEAL WA), same in 88d sfc for no rp (SMITH TN); 15115, Mt. Cotopaxi cd in 24d air for no rp (SMITH FL); 15305, Mt. Cotopaxi cd in 37d air (HARDING CA); 15320, oil drilling cd, no time (SCANNELL MA); 15375, f/d Sangay Mountain cd in 82d sfc for no rp (LEVIN NY)

GUYANA: GBS, Action Radio, 3290, f/d form ltr in 30d air for EE rep and no rp (TRUBEE HI)

VENEZUELA: R. Mara, 3275, hand written veri ltr in 34d air for MS and SS rep from secretary who would like to correspond (MAHONEY IN)

R. Lara, 4800, freq and date network cd in 5 wks for EE/SS rep, 1 IRC (B RAYMOND MA)

R. Juventud, 4900, modified network cd w/freq and date, EE/SS rep, 1 IRC (B RAYMOND MA)

R. Yaracuy, 4940, network cd in 30 for EE/SS rep, 1 IRC (B RAYMOND MA)

R. Rumbos, 4970, cd w/seaport scene, 95d air for SS rep and MS (SCOTT FL), f/d picture cd of "Colonial Lane in La Guaira" 48d air, SS rep, no rp (MOORE PA)

R. Barquisimeto, 9510, usual network cd in 60d air for MS and SS rep (SCOTT FL)

N. AMERICA

CANADA: RCI, 5960, f/d cd in 35d sfc, no rp (STUART OK); 5970, WDXHAC cd in 21d, no rp (ZIMAROWSKI MA), same in 23d (SCANNELL MA); 6085, WDXHAC cd in 24d (LEVIN NY), same in 14-24d (YAJKO PA) (SCANNELL MA) (TRZASKUS IL); 9550, WDXHAC cd in 22d (SCANNELL MA); 9625, Eskimo sculpture cd, f/d in 13d for Northern Svc rep (SMITH FL); 9755, WDXHAC cd in 10d (VECCHIOLA PA); 15325, WDXHAC cd in 25d (BEAL WA)
 CFRX, Toronto, 6070, "Carnival" abstract acrylic cd in 10d air, no rp (BEAL WA)
 CHNS, Halifax, 6130, pc w/data only, no picture in 19d air, no rp /s/J.M. Fisher (SCANNELL MA)

DOMINICAN REPUBLIC: R. Clarin, 4850, ltr giving freq, pwr, and date, but no time in 3 wk for EE/SS rep and 1 IRC (B RAYMOND MA)
 R. TV. Dominicana, 9505, reply in 25d for 1 IRC and SS rep (HANDLER IL)

HAWAII: WWVH, 5000, native w/spear cd, all data but time, 1wk, no rp (BROOKER MI); 15000, f/d cd in 15d sfc for taped rep, no rp (WASHBURN ME)

HONDURAS: R. Progreso, 4920, f/d form ltr in SS + small pennant w/rock singer in 2wks air for MS and SS rep (TRUBEE HI), same /s/Jerry Tolle in 14d, 1 IRC (CARRICK VA), same in 20d (HANDLER IL)


NETHERLANDS ANTILLES: R. Nederland, 6165, f/d cd of Madagascar antennas in 51d sfc (THOMPSON NM); 9215, same in 17d air for 1 IRC (DAY CA), same in 46d air for no rp and Arabic ??? language rep--why, Tom? Just to see if they could read it? bc (SMITH FL)
 Transworld Radio, 11815, antenna cd in 98d air for 2 IRCs (BEAL WA), flamingo cd in 76d /s/Mrs. M. Gow (SCANNELL MA)

TURK AND CAICOS ISLANDS: VS18, Turk Islands Radio, 4788, EE veri ltr in 18d for 1 IRC (CARRICK VA)

UNITED STATES: VOA, Greenville, 9670, f/d capitol cd in 9d (ZIMAROWSKI MA); 16.21, capitol cd for feeder to Monrovia, 7d (STUART OK); 19475 USB, capitol cd for feeder in 7d (STUART OK)
 WYFR, Oakland, 11805, microphone cd in 22d sfc for 10¢ (BLAKE IN); 15215, same cd in 30d air for 13¢, f/d (TRUBEE HI)

CLANDESTINE

R. EUZKADI: 12080, cd in FF and EE (see below) in 8mo, 2 IRCs for FF rep (LANOUE MA); 13250, same cd in 21mo for MS (French) and EE rep to Paris address (MAYER IL), same in 6 mo for EE rep and 1 IRC (B RAYMOND MA)



RADIO EUZKADI — EUZKADI IRRATIA

Date: 26-7-74 196

<input type="checkbox"/> 20.30 GMT	80 KW	<input type="checkbox"/> 23 m. 13.250 KHz.
<input type="checkbox"/> 21.30 GMT		<input type="checkbox"/> 19 m. 15.080 KHz.
<input type="checkbox"/> 22.30 GMT		<input type="checkbox"/> _ m. _ KHz.

"La Voix de la Résistance Basque"

"The Voice of the Basque Underground"

Basques were a free nation throughout history. Franco's uprising in 1936, assisted by Hitler and Mussolini, crushed the Basques depriving them of the remnants of their ancient freedom. Now under Spanish rule, without elementary human rights, Basques fight under cover to restore democracy in their land.

Les Basques un peuple uni par l'histoire, par sa langue et par sa volonté de vivre en liberté. Le but de notre lutte est une Euzkadi libre et démocratique.

1940
1961
1974

Euzkadi un peuple uni par l'histoire, par sa langue et par sa volonté de vivre en liberté. Le but de notre lutte est une Euzkadi libre et démocratique.

Thanks to
Ron Lanoue



Made it--just. No winners last month. Language was Armenian and the sign said "Keep off the grass". What else? My thanks to neighbor Mrs. Anne Kalfayan for the translation and penmanship (penpersonship?). To paraphrase the Sage of Oakdale, you will hear this one on R. Moscow--and on VOA, BBC, and at least 57 (quick count in WRTH) other stations around the world.

Bill

سأنتقل ميلاً لكي أحصل على جمل

Tips and Topics

The Feature Section of SPEEDX

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

LANGUAGE TEACHERS FOCUS ON SHORTWAVE MEDIUM

Part II: By Dr. Richard E. Wood

Thanks to excellent cooperation received from Radio Australia, Belgian Radio and TV, Radio RSA--The Voice of South Africa, Radio Moscow and Radio Sweden, language-by-radio books and program schedules were distributed free to dozens of teachers in attendance, though the size of the audience was even greater than had been planned. Expressions of interest and support were also received from other stations. Radio Prague's Director, Ing. Otto Adrian, explained that "Czech by Radio" was not running at present due to the high sunspot count and the irregularity of reception across the Atlantic. For a language lesson, clear reception is a necessity. Radio Moscow responded similarly, that its "Russian by Radio" was beamed to British listeners but not this year to North America.

Dr. Wood discussed the French programs available from France, Canada, Tahiti and the Voice of America, and the massive new international network of the Deutsche Welle, providing added opportunities to learn German by radio. He explained the reasons for the use of different frequencies at different times and seasons. His handout gave details of the main resources in the field, the World Radio and TV Handbook, the Shortwave Listening section which he edits in Communications Handbook, the SWL and DX clubs, and free schedules available from all international stations.

The concluding speaker was Dr. Robert J. Nelson of the University of Illinois, Urbana, an experienced writer in the field of radio and language. He described the successfully operating system of twelve telephone lines which provide 24 hour access, for the price of a long-distance call, to a French-language ORTF broadcast from Paris recorded off shortwave fresh every day. This widely popular initiative has attracted national interest. There are few native Franco-Americans in central Illinois, but calls come, late at night when rates are cheap, from Chicago and all over the country from those who lack the time, money or inclination to install a shortwave receiver for themselves.

Dr. Nelson played a cassette recording of one of his ORTF newscasts, and conducted a quick poll on its intelligibility. It was noticeable that the panel members--experienced shortwave listeners--gave it a higher readability rating than most of the audience. The speech clipping on the telephone lines carrying the Illinois recorded news service improves voice intelligibility.

Much of the discussion and audience interest centered on the teaching of French language and culture since the American Association of Teachers of French was holding its convention concurrently with ACTFL in the Hilton. Dr. Richard Wood of Adelphi, introduced the following resolution which was accepted by acclamation for transmission to ACTFL headquarters:

RESOLUTION

"The members of the American Council on the Teaching of Foreign Languages, the American Association of Teachers of French, and other professionals in the field of the teaching of French, other languages, culture, civilization, and international studies, assembled in Denver, Colorado, in a session devoted to Using Radio in Foreign Language Teaching.

NOTE with concern the announced intention of the Office de Radiodiffusion-Télévision Française, Paris, to undertake a radical curtailment of its international shortwave broadcast service, including a total abolition of English, Spanish and most other language programs.

POINT OUT that such a retrograde and incomprehensible act will remove France from the ranks of the world's nations communicating their national message to foreign listeners by shortwave radio,

EMPHASIZE that such an act will reduce France to a position of extreme weakness in the field of world communications and one without any parallel among the nations of the European continent, and

NOTE that the sharp decline in the study of French language and culture in recent years is caused, in part, by misunderstandings and lack of communication to which the ORTF's proposed action will further contribute.

THEREFORE BE IT RESOLVED that these members of the American Council on the Teaching of Foreign Languages, and the American Association of Teachers of French, urge the ORTF that it rescind its plans for withdrawal from short wave broadcasting; that it introduce a full-scale broadcast service in English and French for listeners in the United States; and that it make full use of the powerful shortwave medium in the instruction of the French language and culture."

This is an expanding field. There is a bibliography of some forty items already. These, and a summary of the state of the art will be contained in a forthcoming publication of ERIC (the Educational Resources Information Center) and MLA (the Modern Language Association), to be co-authored by Drs. Robert J. Nelson and Richard E. Wood.

The Language by Radio Interest Group, which now has over 300 members, is open to all who send a stock of self-addressed stamped envelopes to the acting secretary, Dr. Alan Garfinkel, Department of Modern Languages and Literatures, Purdue University, West Lafayette, IN 47907. Smaller interest groups could also be formed within the Associations of Teachers of French, German, Italian, etc.

A LETTER TO DEUTSCHE WELLE

Written by Dr. Richard E. Wood
Editorial Comment by A.S. Getzel

There has been increasing concern about the proposal by Deutsche Welle to drop their English program to North America. It has been asked that SPEEDX members write letters to DW concerning this plan. Therefore, on account of the importance of such a campaign as this, I am reprinting a letter written by Dr. Richard E. Wood in German to the Director of DW. The letter has been translated by your editor and Mrs M. Cunningham of the Queens College German Department located in Flushing, New York.

Garden City, December 9, 1974

Mr. Walter Steigner
Director
Deutsche Welle
D-5 Köln 1
Postfach 10 04 44
Federal Republic of Germany

Dear Mr. Director,

While I am writing these lines, I hear as usual your English language news for North America on 6185 kHz. The reception is always good--SINFC 54444--the contents as always moderate and reliable, the announcer professional.

Should all of that now all of a sudden disappear--the North American Service of the Deutsche Welle, a faithful friend of all shortwave listeners in this country, who as most of their countrymen do not know German. Such sad news is to be learned from a letter by your American announcer/producer Larry Wayne in the December issue of SPEEDX magazine (Vol. IV, No. 12, page 35). The German language broadcasts for this English speaking continent are at the same time

to be increased to 12 hours per day. The proportion between the German and English contents of your broadcasts seems to favor now too much the German. One should after all try to reach the average American--respectively the average Canadian, and neither one nor the other speaks German.

Indeed, I, an English speaking American of Scottish birth understands and writes now German. However, native Americans who speak only English do not. The studying of German in the USA have gotten into difficulties in the last few years. The former German settlements in Texas, Wisconsin, and Penn. have been greatly assimilated. Large American universities have changed the study field of German Language and Literature into the subject of German studies, in which case German topics are now treated in the English mother tongue of the students, similar to the pattern of African studies. Your previous English broadcasts delivered material for this.

Please don't let your old friends, the friends of the Federal Republic of Germany in the USA be in a lurch. Or should Radio Berlin International become the only words from the German area. That we are not only DX fans but rather also experts from professional life shall be proved by the enclosed report from the National Convention of Foreign Language Teachers in Denver, Colorado (See previous article--asg). May I hope for your friendly reaction to these lines and my report from Denver.

Sincerely
Your Listener,

Prof. Dr. Richard E. Wood

I hope that this letter will give you an idea of what to write to DW. It is our responsibility to try to save this important station. SPEEDX must take an active role in this campaign. We DX'ers may sometimes criticize DW because of its excessive transmitter power and wrong choice of frequencies; but we must not forget that DW has been performing a public service to many American shortwave listeners of German descent of which I am one of many. I do hope that the vast majority of active SPEEDX members will write letters and put on the pressure to save the English service of Deutsche Welle.

REBUTTAL TO THE MARKET FOR NEW EQUIPMENT IN THE US

By Oliver P. Ferrell

I am quite concerned over a short article that appeared in Tips & Topics in the December issue of SPEEDX regarding shortwave receivers.

What substantiation can Mr. Lewis provide for some of his statements? Take for example the remark; "let's encourage the importation of certain lines of foreign communications receivers not already introduced in the US."

What specifically does Mr. Lewis have in mind to make this statement? What receiver? What manufacturer?

What manufacturer is turning his attention to the amateur? What besides R.L. Drake? Does he mean Hallicrafters? And, if so, why not--the SWL DX'er did not support Hallicrafters when they introduced the 122A and the 133 (for reasons beside the point).

Let's crank some real live names into a discussion of this nature. What's to be afraid of?

◆(Oliver P. Ferrell is the President of Gilfer Associates, Inc. The above mentioned article was written in the December, 1974 issue of SPEEDX by Richard Lewis.)

THE MIDLAND INTERNATIONAL 11-520 RECEIVER

By David A. Samuel

The Midland International is an extremely capable receiver for its reasonable price. The receiver costs about \$40.00 from the Midland International Corp.

The technical specifications to this receiver are rather impressive considering its price. The receiver has five individual bands. It covers the standard AM broadcast band from 540 to 1605 kHz. There are three shortwave ranges which are 2.0 to 4.0 MHz which is called SW1. SW2 covers 4.8 to 11.5 MHz. SW3 covers 11.0 to 30.0 MHz. The receiver also covers the FM band from 88 to 108 MHz.

Here are some specific technical notes about the 11-520. It has 11 transistors, 10 diodes and 1 thermistor. Controls are the following: Tuning control, fine tuning, band selector switch, volume control w/on-off switch, FM AFC switch (seesaw type), BFO on-off switch (seesaw type). Antenna: Ferrite bar antenna for AM (120 m/m round type), telescope antenna for FM and SW. Terminals: External antenna terminals for SW. Jacks: Tuner output jack, external speaker and headphone jack. RCA type meter is a tuning indicator calibrated 1 to 10 by number.

The dimensions of the receiver are 14" (W) 5½" (H) 6½" (D).

The main disadvantage to this receiver is its calibration. It's very poor. I made myself a chart which when I use it I can usually get an approximate of the frequency. Also in SW1 and SW2 I use WWV as a tuning standard in the 60 and 19 meter bands.

I find the receiver to be very good for DXing. I use it with a 150 foot antenna and get excellent results.

If you are interested you can write to Midland International Corporation, 1909 Vernon Street, North Kansas City, Missouri 64116.

RADIO JAPAN

By Lloyd A. Scott

Radio Japan is the sole overseas broadcasting service in Japan. It is operated by NHK (Japan Broadcasting Corporation) for the purpose of promoting better understanding of Japan by the peoples of the world, as well as providing information and entertainment for Japanese living abroad.

The shortwave service was originally called "Radio Tokyo" and was suspended for a time after World War II. Programming resumed in 1952 under the present title of Radio Japan. Total programming presently reaches 37 hours per day in 21 different languages. Program format includes News and sports which account for 63.2 per cent of all programs aired. Other programs consist of special features, DX Corner, language lessons (with free text to listeners) and musical programs.

Radio Japan's broadcasts are sent over the STL link from NHK's studios to the transmitters in Yamata in the Ibaraki Prefecture, which are operated by the Kokusai Denshin Denwa Co., Ltd (Japan's overseas radio and cable system). The transmitters include eight units of 100 KW output, with other outputs ranging from 20 KW to 200 KW. This is achieved by operating different power outputs in parallel.

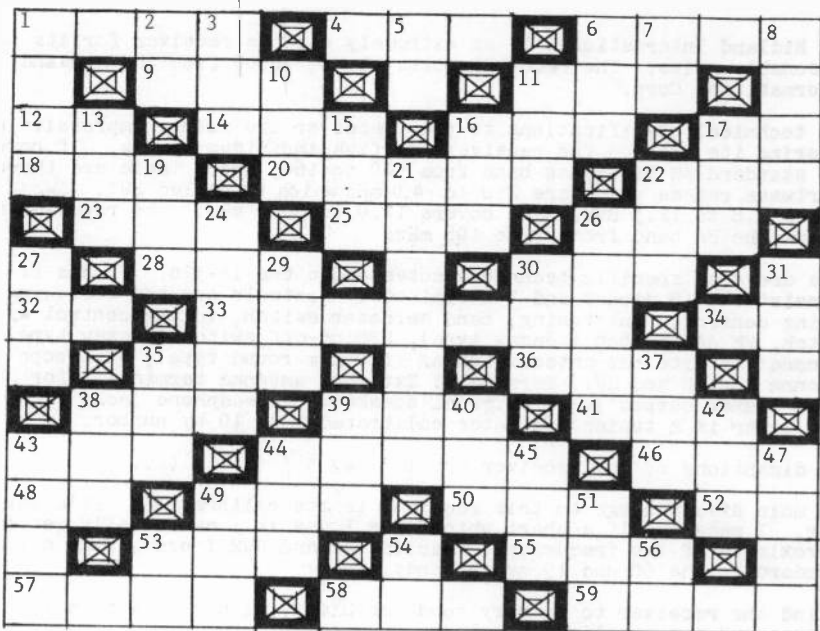
Radio Japan also offers various publications for listeners in nine languages. These are mailed on a monthly or bi-monthly basis.

QSL cards are some of the most attractive, with scenes depicting Japanese life, culture, and art. Reception reports are answered promptly by air mail.

Have a happy February and keep sending in those articles. Best Wishes & 73,

Arthur 45

SPEEDX WORD PUZZLE



HORIZONTAL

- 1 African Broadcaster(abbr)
- 4 Time Station
- 6 Ecuadorial, LV del ----?
- 9 Type of Fish
- 11 Vigor
- 12 Type of Current
- 14 Triumph
- 16 Office Seeker(abbr)
- 17 U.S. Airline(abbr)
- 18 Skill
- 20 New DX Country
- 22 DXer's Prize
- 23 Noisy Talk(slang)
- 25 Wager
- 26 Transmission Mode
- 28 National(abbr)
- 30 Mimic
- 32 P.O.Box(Fr)
- 33 R Bucharest Site
- 34 Type of Current
- 35 R Globo Site
- 36 Edge
- 38 LV de --?-- Andes
- 39 Time Station
- 41 Japanese Broadcaster
- 43 VOFC Call
- 44 Variable Capacitor
- 46 European Country(abbr)
- 48 Hourly Clincher(abbr)
- 49 Establish
- 50 Antenna Output
- 52 Outside Diameter(abbr)
- 53 Comprehend(slang)
- 55 Communications Organization(abbr)
- 57 Beside
- 58 Religious Broadcaster(abbr)
- 59 European Broadcaster(abbr)

VERTICAL

- 1 Wave(Sp)
- 2 DXer's Abbreviation
- 3 Present
- 5 DXer's Abbreviation
- 6 Nothing
- 8 Precious Stone
- 10 Reduce Intensity
- 11 U.S. Powerhouse
- 13 Shout
- 15 Catch
- 16 UTE DXer's Abbreviation
- 17 Transmission Mode
- 19 Expose to Sun
- 21 Middle East, R ----?
- 22 Q-Code Designation
- 24 ORTF Home
- 26 Flamenco Home
- 27 Mid East Broadcaster(abbr)
- 29 Superfluously
- 30 Asian Broadcaster(abbr)
- 31 Peruvian, R ----?
- 35 Lightning Protection Device
- 37 Communication(abbr)
- 38 Digital Readout Device
- 39 Honduran, R ----?
- 40 Popular Korean Name
- 42 UTE DXing Aid(abbr)
- 43 Ecuadorian, R Paz y ----?
- 44 Gabon PTT(abbr)
- 45 Asian Broadcaster(abbr)
- 47 Radiodifusora(abbr)
- 49 Proper
- 51 Typist's Request(abbr)
- 53 Elusive Target
- 54 European Broadcaster(abbr)
- 56 Old Euphrates City
(answer next month)

CONTRIBUTED BY JIM WHITEHEAD

FEBRUARY CONTRIBUTORS PAGE

Each contributors name is preceded by a number. This number indicates how many SPEEDX columns a specific reporter contributed to this month. An * asterisk indicates credit is also given from the previous month.

4	AGNER, MIKE	NJ...SX-110	3	MARSHALL, CEDRIC	ONT...SX-130
4	BARON, BRUCE	PA...A-2515	1	MAYER, ALAN	II...SPR-4
*8	BEAL, BART	WA...DX-150B	2	MEEHAN, JIM	CA...SX-190
1	BERNSTEIN, ROGER	GA...DX-160	3	MILLER, AL	OH...HRO-500
3	BIXBY, MARK	CA.....??	1	MOORE, ALEX	G.BR.....??
3	BLAKE, JERRY & JUDY	IN...SW4-A	4	MOORE, DON	PA...XGR-30
3	BODELL, BOB	OR...SPR-4	1	MULCAHY, CIARAN	ENG...U-800
4	BROOKER, JIM	MI.CRF-5100	1	MULLEN, WES	MT...SX-190
1	BURTON, BOB	OH...R-391	3	NEUMANN, SERGE	IN.AR-88DM
1	BUTTERFIELD, BOB	MA...HQ-100	3	NUTTER, RONALD	KY.....??
1	CAPILL, JIM	HI...DX-150B	2	OLIVER, WAYNE	NH...SX-190
4	CARRICK, SHAUN	MD...DX-150B	1	PASCHKE, BILL	WI...R-530
2	CHABAK, MICHAEL	CO...DX-150B	3	PINBLETT, NIGEL	ALB...DX-150A
1	CHAFFIN, DAVID	CAM...SB-310	2	QUINN, THOMAS	NY...SD-2549
1	CHESTER, ROBERT	AUST...XCR-30	3	RADTKE, GARI	CA...SPR-4
4	CLEVELAND, BILL	CA...SPR-4	4	RAMOND, BOB & M.	MA...SX-190
1	COMPTON, KEN	MA...DX-150A	1	REDMAN, RON	II...F-1660
1	COOK, CHARLES	CA.....??	2	RICHMOND, KYLE	CT...A-2508
3	CRAWFORD, WM	SCOT...TR-6002	3	RODRIGUEZ, EDUARDO	P-RC...D-7000Y
3	GREWS, DEMPSEY	FL...DX-150B	2	ROGACKI, STAN	NJ...S-40A
2	DAVIDONIS, LEN	MA...B-9300	3	ROSE, JOHN	ENG...ED-670C
2	DAVIS, JAMES	CA...GR-54	2	SAMUEL, DAVID	NY...S-120
4	DAWSON, ARCH	CA...SPR-4	3	SAVU, MICHAEL	MI...DX-150B
4	DAY, EDWARD	CA...SX-190	*5	SCANNELL, MARK	MA...SW-717
1	DEAN, DENNIS	OH...HQ-180A	6	SCOTT, IIOYD	FL...FRR-502
1	DURANT, HENRY	THAI...SPR-4	1	SCHILDE, STEVE	W-GERM...XGR-30
5	EARHART, KEN	PA...SX-190	1	SMITH, JOE	NY...SX-190
4	FAMULARO, RALPH	NJ...R-2511	5	SMITH, TOM	FL...XGR-30
1	FANSLER, RAY	IL...HQ-180	2	SMITH, WOODY	TN...TRANS-0
1	FLEMING, MIKE	NJ...SW-717	2	SNYDER, DOUG	CA...SPR-4
3	FROEMMING, GARY	AZ...DX-150	2	SPARKS, BILL	CA...R4B
6	GAEDE, ALLAN	CA...HQ-180	3	SPUTO, TOM	FL...DX-160
3	GAVARAS, TOM	MN...HQ-180	3	SRIDHAR, R	INDIA...EBS-124
3	GAZEL, ARTHUR	NY...HA-600A	1	STINE, MIKE	MD.....??
4	GRIDER, DON	MD...SPR-4	1	STRAUMANIS, ANDRIS	IL...SW-717
1	GRIFFITH, DON	MO...R...R4B	1	STUART, JERRY	OK...SX-190
1	GUATNEY, CHARLES	VT...DX-160	3	SUDDICK, KEVIN	MI...S-120
3	HANDLER, STEVE	IL...SX-190	3	SZOT, KEVIN	CA...NC-183D
1	HARDESTER, MIKE	CA...XGR-30	1	TAPEL, EDWARD	NY...HQ-200
1	HARDING, BARRY	CA...DX-150A	1	TANNENWALD, LEON	NY...NORMEADE
5	HAUSER, GLENN	OK...HQ-160	4	THOMPSON, GLENN	NM...HQ-145A
2	HENDERSON, MD	MD...SPR-4	3	TRAUTSCHOID, JOHN	WI...SB-310
3	HICKMAN, MEL	OR...A-2515	4	TRUBEE, BILL	HI...SW4A
2	HOLBROOK, HANK	MD...SP-600	1	TRZASKUS, ROSEMARY	II...S-125
1	JESSEN, WILBUR	OR...R-530	3	VAN HIMBERGEN, TONY	MI...DX-160
1	JOHNSON, DON	CA...SPR-4	3	VEGGIOLA, JIM	PA...R4C
1	JONES, JACK	MS...DX-150A	1	VOGKEROETH, JOHN	PA...SX-190
2	JUNOUA, GABRIEL	JAPAN...R4-C	5	VOGEL, WENDELL	PA...SX-122
1	KOIZUMI, H.	JAPAN...9-R59D	1	WALLACE, STEVE	PA...R4B
3	LANOUE, RON	MA...SEARS-20	2	WARREN, RONALD	CA...R4B
2	LAY, RUSS	VA...HQ-180	2	WASHBURN, CHARLES	ME...SB-310
1	LEISTNER, LOU & E.	CA...SPR-4	4	WICKETT, BOB	MD...SB-310
1	LEVIN, JAY	NY...DX-160	1	WILSON, BOB	II...XCR-30
1	LOBDELL, CHRIS	MA...SW-4A	1	WOOD, RICHARD DR.	NY...SPR-4
2	LOVETT, BRAD	OH...DX-150A	5	YAJKO, BOB	PA...DX-160
4	MAC GOY, DON	AZ.....??	3	YOST, SCOTT	MI...FT-101
2	MAHONEY, MIKE	IN...S-20R	3	ZILMER, BOB	WI...SPR-4
			1	ZINAROWSKI, MARK	MA...DX-150

Oliver

A hearty welcome to 5 first time reporters, one being a member of long standing: Mark Bixby, Charles Cook, Charles Guatney, Gabriel Junqua, and Scott Yost. A big hand for 118 contributors which includes 3 husband and wife teams. This significant count includes a number of long time associate members. Welcome back fellows, I almost listed you as first time reporters.

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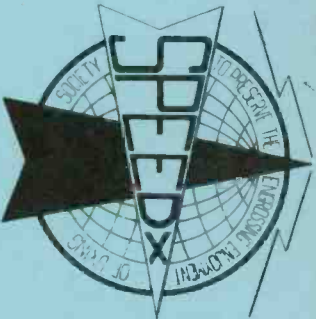
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