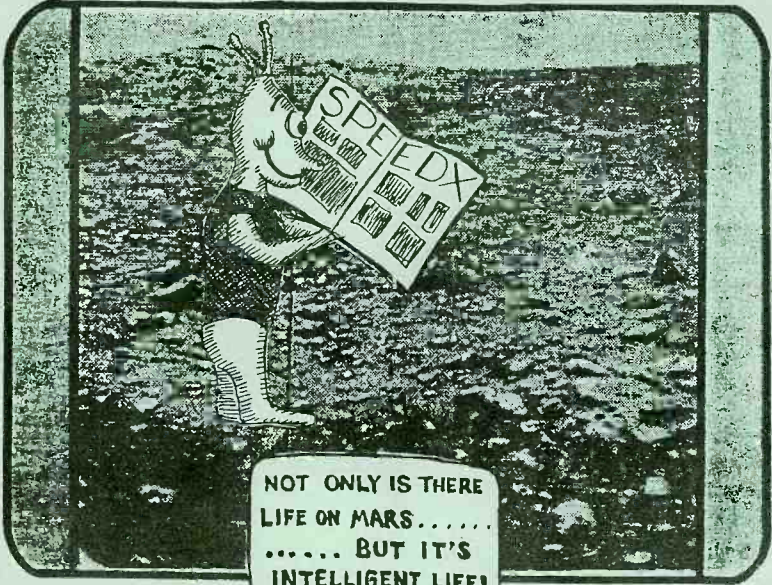


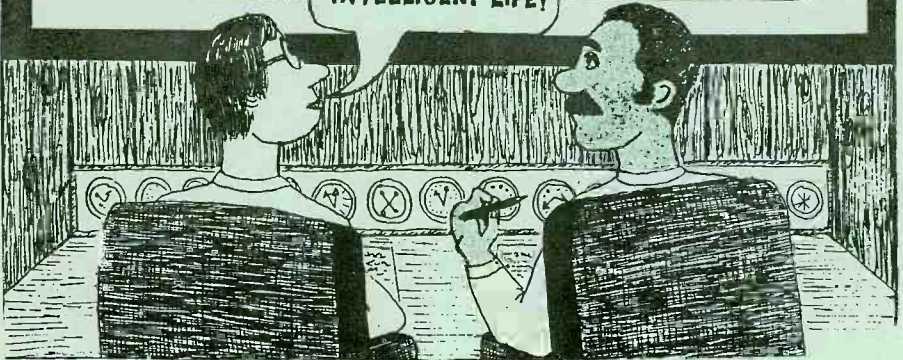
SPEEDX

the dx radio magazine for active shortwave listeners

VIKING II CONTROL ROOM



NOT ONLY IS THERE
LIFE ON MARS.....
..... BUT IT'S
INTELLIGENT LIFE!



OCTOBER 1976

Vol. VI - No. X



KEYNOTES



Editor: OLIVER ELLSWORTH

2043 West 75th Street, Los Angeles, California 90047

CONGRATULATIONS TO 3 NEW FULL MEMBERS

ROGER LEGGE
McLEAN, VA

GREGG WATTS
Plainfield, IN

CHARLES YOUNG
PALMYRA, NJ

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

SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

LYNN BURKE
NEWPORT NEWS, VA

LOREN STIEGEIMAR
IRVING, TX

HIROMICHI ENOMOTO
JAPAN

STANLEY POPE
JACKSONVILLE, FL

JAMES CONKLIN
AUSTIN, TX

JOSEPH PEGENKA
WHITING, IN

EDWARD KAVALESKY
YOUNGSTOWN, OH

JACK BECKER
MILWAUKEE, WI

DANIEL MAC DONALD
RARITAN, NJ

MARTIN IMBERT
ALBUQUERQUE, NM

GREG STRICKLAND
MANDEVILLE, LA

DAVID BRODSKY
BRONX, NY

CHARLES LETZERICH
LOS ANGELES, CA

PETER SCHIPELLITI
BURLINGTON, MA

DONALD DUTKOWSKI
B.C. CANADA

H.B. JACOBSON
PLYMOUTH, IN

WILLIAM WILSON
SAN FRANCISCO, 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.

SPEEDX PROJECTS

SPEEDX Project Coordinator, Doug Snyder, 3130 Woodmont Drive, San Jose, CA 95118, and Michael J. Zydiak, a devoted SPEEDX volunteer are compiling information for a Basic Information Pamphlet (BIP) on "The DXers Guide to Logs and Record Keeping". They would very much like to hear from all you SPEEDXers on your system of keeping tract of loggings and related info: Frequency indexing, time indexing, country indexing, 'want lists' etc. All who contribute and whose material is used will receive a free copy when published. Remember, no matter how simple or complex your system is, this is another chance to help your fellow club members. Send material to Doug or Michael J. Zydiak, 27 Beacon St., Yonkers, NY 10701. (ed note, this is an excellent opportunity to accumulate credit points.)

BY FREQUENCY LISTS

A reminder, that all frequencies reported to SPEEDX in July, August and September is available from Doug Snyder, 3130 Woodmont Drive, San Jose, CA 95118, for a number 10 (long) SASE with 35¢ postage. 30 pages of loggings from 2300 kHz to 21750 kHz. I would say the price is right, Hi. Do not order from Headquarters.

ANARC LIST OF CLUB PUBLICATIONS

List of DX club publications and services available in North America, (6 pages) compiled by Dave Browne, Executive Secretary, Association of North American Radio Clubs, 557 North Madison Ave. Pasadena, CA 91101, is available to SPEEDXers for a #10 SASE. Canada; 15¢ mint stamp and envelope; Over seas; 4 IRCs.

MERRY CHRISTMAS SPEEDX STYLE

SPEEDX again will raise funds for the HANDICAPPED AID PROGRAM (HAP) by the use of an artistically designed HOLIDAY GREETING page, however we need your cooperation. The names of each of you donating \$1.00 or more will appear on the page in the December issue. Your way of wishing all your DX friends HAPPY HOLIDAYS. In lieu of sending those friends a Christmas card, send a donation to SPEEDX Headquarters in Elsinore as soon as possible. Please indicate that the money is for the HAP Christmas Tree Fund. Keep in mind the December issue will go to press on November 26, after turkey day. Please give us time to insert your name on the page and in the hands of the publisher by deadline. We don't want the issue to be late, do we.

Sorry there is no HAPPening page this month. We wanted to bring you the interesting article by Dr. Wood, "DXing in Europe".

SOUTHERN CALIFORNIA AREA DXERS

Hope you have marked your calendar to attend the SCADS meet in Tustin, CA on October 16 & 17. 9:00 AM thru 6:00 PM Sunday; Bel Air Motor Hotel, 140 W. 1st St. \$3.00 registration fee to cover costs, if you are short, come anyway. An interesting program has been arranged.

ANNUAL THANKSGIVING GET-TOGETHER IN SAN DIEGO

The annual San Diego area Thanksgiving Get-together will be held at the home of Albert & Helene Lobel, on 20 November, from 12 noon on. There will be a \$2.00 charge per person for expenses. Please advise the Lobel's in advance of your attendance. 10514 Caminito Baywood, San Diego, CA 92126. Phone 714-566-0092. No collect calls please.

SPEEDX encourages these get-togethers. Please advise the Managing Editor of events in your area, I certainly will publish them.

UTILITY DXERS-WE THANK YOU

Paul Mayo the coordinator of the new Utility book wishes to thank all the Utility DXers who sent in volumes of material. Paul (Mr UTE) says the book should be ready by December or January, and will be worth waiting for.

SPEEDX EDITORIAL CHANGES

Bob Butterfield who has done a superb job as an editor for five years, has decided to step down as the Europe/Africa editor. Bob's tenure is unsurpassed by any SPEEDX staff editor, for which we are grateful. Because of the support we are receiving from our members, we have decided to increase the column to nine pages. To edit 9 pages month after month by one editor is asking too much. Therefore beginning with the November issue the column will be divided into two sections; Wade Smith, 59 Benoit St. Westport, MA 02790, will edit the European section of five pages. Ralph Famularo, 204 Olean Ave Jersey City, NJ 07306, will edit the African portion. I hope you will give our new editors the support that you have given Bob. Bob will be on the side lines to coach the two for awhile. All loggings for Europe and Africa should be sent to the new editors immediately.

Welcome to the SPEEDX staff of editors Wade and Ralph. I am sure you will find the position rewarding.

SOS AND FOR SALE

Jim Uerlings, 1421 Homedale Rd. Klamath Falls, OR 97601, has sent me an SOS. He is interested in hearing from members, as to where he could locate parts for his Hallicrafter SX-130. Please help our distressed member.

Larry Brookwell, 1826 Cypress St. San Diego, CA 92154, Phone 714-429-9728 would like to sell his extra clean R-390A-URR aligned, calibrated, new tubes w/manual. \$400 plus \$20 motor freight.

Ralph Sanserino, 8422 Crane, Huntington Beach, CA, wishes to sell his R392 w/power supplies and service manual, for \$225.00 plus shipping costs.

That is it for another month, Ollie.



DX MONTAGE

RESEARCH/COMPILATION/REDACTION by A. W. BROOKS

74 Massachusetts Road

Oakdale, Connecticut 06370

THE LOBDELL SOUP CAN ARRAY (or "School Days, School Days, Dear Old Golden..."): With a number of our members returning for the fall semester to their hallowed halls of ivy it might behoove us to recount briefly the saga of the highly inventive soup-can-assisted antenna array. A few graduating classes ago a young matriculant based in the Boston area arrived at his college dormitory in the company of his shortwave receiver....or was it the other way around? Limited space in a multi-story university hovel presented the student...one of the original SPEEDXers...with the immediate problem of stringing a suitable antenna. Out the window went a predetermined length of carefully chosen wire. Initial results: woefully unsuitable! Be not dismayed, however...here comes a can of Campbell's Tomato Soup....one of this century's most honored dorm staples. With the full soup can tied to one end of the wire the auscultatory results proved most satisfactory. One day...after a few weeks of rewarding success....our hero switched on his set expecting a continuation of his good fortune, but...alas!...absolutely nothing! Examination quickly revealed the cause...for a few floors below the wire had been snipped and the can of soup removed by a presumably hungry fellow collegian...



AGORNS FROM OAKDALE:

....A warranty is that which expires just before the product does.....



RED SQUARE: Radio Peking reports that after three days Chairman Mao is still dead...The Chinese equivalent of Tokyo Rose is "Peking Tom"...After years of receiving Havana material from the fictitious C. Feraza, why do I now hear from U. Mesa? A fictional purge?



BERLIN BRANDISHMENTS: As you read this item there still may be time remaining in which to take advantage of a Radio Berlin International QSL offer. To celebrate the Tenth Anniversary of the **RBI DX Club** program RBI is planning three special cards in addition to the usual verifications. These cards will be sent to all sending reception reports of three broadcasts heard on three different days between September 1st and October 15th.

TOY BOAT, TOY BOAT: Now that you have mastered the pronunciation of "Scituate", you can start working on "Okeechobee"...because that's to be the new Florida site of WYFR's facilities. The FCC has granted permission to begin the move of Family Radio's present Bay State operation to the southland. Beams to Europe and to South America are expected with construction to begin as quickly as a building permit is obtained...

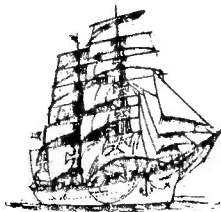


YOU'RE NOT LIKELY TO HEAR IT ON RADIO LEBANON, BUT... power throughout Beirut had been knocked out for nearly a week recently and transistor sets provided about the only entertainment left. Only the initiated know who's talking, but many Lebanese listen in as Lebanese Christians and their Moslem and Palestinian foes trade insults and wisecracks. These radio jokes ease the rivalry in the strife-torn city according to a recent Associated Press release. There is no truth to the rumor that most of the mirth is the direct result of on-the-air readings of my most recent loggings...

SON OF

DX MONTAGE

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



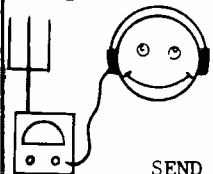
BEHOLD! THE LIVING QSL CARD: During the mid-summer gathering of "Tall Ships" along the northeast coast one of your QSLs came to life. The bark "SAGRES", featured on one of Portugal's attractive cards, was one of the participants. The name comes from the port which was used by many great explorers and navigators for launching their expeditions. This German-built training ship, launched in 1937, is 268 feet long and carries a crew of 203...she was damaged by mines during World War II, later passed into American possession as a war reparations payment. She was then handed to Brazil, who used her as their sail trainer until 1961, when she was purchased by Portugal...

THE \$108 BILLION QUESTION: "Has Radio Hanoi turned to hucksterism?" asks a UPI release forwarded by Illini Joe Jacobson. The Voice of Vietnam, the bastion of deadly serious recitations of pro-Hanoi propaganda, has now introduced a listener write-in contest. One of the questions is "How many tons of bombs did the U.S. imperialists drop on the Vietnamese people?" If you know a lot of things about Vietnam...and can figure out the desired answer in spite of your knowledge.... you could win one of 112 grand prizes. The announcer on the English language programs promises, "There will be a prize for everyone" in this contest called "What Do You Know about Vietnam?" The article later says that "Why this serious, usually dull station is trying a Western gimmick to boost listenership is not known...Question No. 5, which asks for listeners' opinions of Hanoi's programs...the best, most interesting, and least interesting features...may be the answer... but whatever the reason for the contest, the station's goal of boosting Vietnamese communism obviously remains the same". Another question on the "imperialist war of aggression" asks about the U.S. obligation in the postwar period and its attitude to "world revolution". If you don't know the desired answer to that question, there's probably no use entering the contest. It's one of five questions you have to answer to be eligible for one of two grand prizes. Entries must be received by 31 March 1977...

BROADCASTING HONORED: Ireland commemorates the 50th Anniversary of the Irish Broadcasting Service on October 5th by issuing two stamps. The pair utilizes graphic presentation of radio waves on their nine and eleven pence values,....During September the 50th Anniversary of Finnish Radio Broadcasting was the subject of a single commemorative stamp. The 80-pennia value depicts a mast beaming radio waves to land and sea...



BIG DAY AT BLACK ROCK: Following a lapse of three years the Connecticut DXers...oft referred to as the CONN-MEN...gathered again on the afternoon of 19 September. Approximately thirty-one folks from at least five different clubs....and one dog unaffiliated with any club...attended the outing held at Black Rock State Park. Festivities opened with Al Sizer's tapes of the likes of Cook Islands and Biafra during the morning donut and coffee session. Day-long tinkering with a new Yaesu FRG-7 would occupy many, while among the ladies...all nodding in agreement...the "Radio Widow's Survival Kit" prepared by Barbara Barto proved most popular. In the afternoon a copy of the SPEEDX Guide To Soviet Broadcasting was one of three "door" prizes...if there is such a thing as a door at an outdoor event....raffled off to lucky winners. Honor on the field of battle was preserved also as a hastily assembled CONN-MEN softball team athletically annihilated a squad of visiting CB enthusiasts. NASWA's Sam Barto and SPEEDXer Greg Peters were co-hosts for the event...As a group the CONN-MEN are fairly inexperienced at such fetes, but the meeting of the Boston hobbyists, the B.A.D. GUYS, held the week before reunited many of the gang who may bear responsibility for the origin of such regional forays. The Whitehead's Reading home was the site, as it is traditionally for the early autumn conclave. NEEDS NEWS Editor Hank Michalenka presented a talk on CHU from material gathered as a result from a recent visit to the Ottawa time station. Entertainment may have been provided by a seemingly continuous air hockey tournament...of which the most exciting match...though certainly not an athletically artistic triumph....was the marathon contest between your editor and "The Brockton Bomber", Bob Wirrell...



TECHNICAL TOPICS ?????

Editor

RALPH SANSERINO

TECHNICAL TOPICS
8422 CRANE CIRCLE
HUNTINGTON BEACH
CALIFORNIA 92646

SEND YOUR TECHNICAL QUESTIONS TO:

This writer would like to thank the fellow club members that support this column, you know who you are, THANK YOU.

DRAKE FS-4 SYNTHESIZER: Have two letters, one said unit is cancelled as reported in the Sept bulletin, second letter said California Drake dealers will get limited numbers by end of Sept., your guess is as good as mine. Contacted local Drake dealer and was informed that Drake is holding off on release of the FS-4 until a later date, so your guess is still good.

CRYSTAL CALIBRATOR: Radio Shack 1977 catalog page 162 shows a 100kHz frequency standard for \$9.95. If you wish calibrator information I have a schematic and block diagram for a calibrator that puts out markers every 1000, 100 and 10kHz, also have assembled units, for information send a self addressed, stamped envelope to this editor. Thanks go to Jon Cohen, Willingboro, NJ for Radio Shack info.

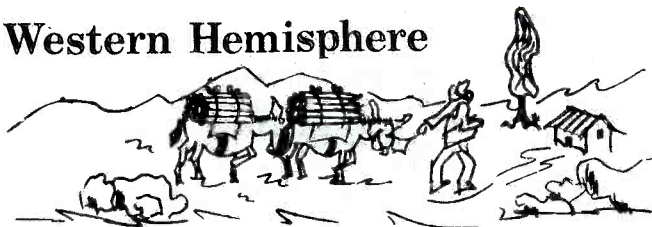
LAFAYETTE: Noted missing from the latest catalog was the HA600A communications receiver. Looks like another has gone down the tubes.

YAESU: FRG-7 price correction as mentioned in the Sept. bulletin. The price of \$285.25 is for California residents only, for residents of other states the price is \$270.00. Alaska and Hawaii and worldwide contact Jim Rafferty at COMM-TECH 13754 Victory Blvd., Van Nuys, California 91408 for shipping cost, also please mention Ralph Sanserino when ordering. One minor problem has been noted in the FRG, the dial lights cannot be used when the FRG is run on internal batteries, they draw too much juice and cause the synthesizer to unlock, the FRG works super with the lights turned off. THANKS AGAIN JIM for the good price.

RECEIVER SPOTLIGHT: No doubt you have noted this section of Technical Topics. I will try to feature a different communications receiver each month, one that this writer feels is usable to the SWL/DXer. A booklet is being made-up of the following communications receivers. The booklet will have a picture(when available), specifications, selling price new and current used price if available. As you will note, not many portables are listed, because most will not do the job. If you note any communications receivers missing please let me know, also some of the low cost receivers have been omitted.....**COLLINS 51S-1, 651S-1. DRAKE 2-C, DSR1 & 2, R4 series, SPR4, SW4A, SSR-1. EDDYSTONE 1001, 1830, EC10-Mk11. GALAXY(Hy-Gain Electronics) R530, R1530. HALLICRAFTERS(Wilcox Electric) SX100, 110, 112, 122, 122A, 130, 133. HAMMARLUND HQ 100, A & C, 129X, 140X, 140XA, 145, A,C & X, 150. 160, 180, A, AX, 200, 215, PRO 310, SP400X, SX, SP600JX. HEATH SB310, 313. KENWOOD QR666. LAFAYETTE HA600T, 600A. NATIONAL NC109, 140, 183D, 190, 240C, D, CS, 400, HR060, 500, 600. RADIO SHACK DX150A, B, 160, SX190. TECHNICAL MATERIEL GPR90, 91, 92. YAESU FR101, S, FRG-7. MILITARY SURPLUS R388, R390, R390A, R392, 51J-4, R648/ARR41, R1051, R1735(FFR-230). PORTABLES: Barlow-Wadley XCR30, Grundig Satellit 2000, Heath GR78, National Panasonic RPS000, Normende Galaxy Mesa 9000ST, Sony CRF160, 230B, 320, 5080. Zenith Royal D7000Y. Please let me have your comments on this list...thank you...**

DIGITAL CLOCK KIT: I have run across a fairly good looking 12 or 24 hour clock kit for only \$21.95, price includes all parts, line cord transformer, anodized extruded case, LED readouts, PC boards, instructions, case comes in satin gold, etched natural aluminum or black satin. Write to Ramsey Electronics P.O.Box 4072 Rochester, NY 14610. They also have a model that comes with an alarm with snooze button that sells for \$24.95.

SWBC DX - Western Hemisphere



— EDITOR —

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

THIS AND THAT

The poet Robert Burns sure hit the nail on the head when he wrote that "the best laid plans of mice and men oft go astray" for those words so aptly describe my present situation. It is Thursday, three days before I leave for Mexico, and I should be almost done with this column according to my plan. Instead I'm just getting started and all because of a rush, and entirely unexpected trip to, you guessed it, Mexico. So, its panic time despite my planning and I hope I make it. If not, you will all know who to blame for the late arrival of your bulletins.

The BBC no doubt must also have the Scottish bard's words in mind as well, at least as regards construction of their new Caribbean relay station. According to a BBC statement monitored by Don Johnson on 15 September, the BBC station on Antigua is not yet operational due to unanticipated delays. If this is true, then what is the source of the powerhouse signals carrying the BBC Latin American Service on 5995 khz. Al Brooks leads a list of reporters who suspect Antigua. Even the VOA is in the dark. Glenn Hauser reports C.M. Stanbury asked VOA's George Jacobs if the 5995 khz was a relay via Greenville and was told, "The BBC transmissions in Portuguese you heard in the 49 m.b. may have been test transmissions from Antigua." Jacobs also added that the VOA does not relay BBC Portuguese from any of its sites. Thus, by a process of elimination we are left with a relay via CBC Sackville or the Ascension Island site. Judging from the strength of the signal at this QTH I think that I might put a few pesos on Sackville.

Also confusing are reports concerning the BBC's use of 6175 khz. This transmission used to be relayed via the CBC Sackville site but is listed in the BBC S76 schedule as originating from the Caribbean relay base. Add to this Glenn Hauser's report that Larry Magne has advised him this broadcast is, in fact, coming from the 50 kw transmitter on Montserrat, not Antigua from 1945 to 0330 GMT and I'll let you figure out why I'm confused. Will I ever be glad when the BBC gets settled down to regular operations though I'm still not sure how I'm going to squeeze in another two countries.

Those of you who noted HCJB off the air in early September will be interested to know the reason. It seems a power surge at the hydroelectric plant burned out some of the switchgear cutting power to the transmitters. The fault was repaired, apparently, and they are now once again heard daily. Thanks to Greg Watts for telling us how HCJB lost their kilowatts. Hi!!

If you haven't yet added La Voz de los Galápagos to your list of stations heard you'd be well advised to listen to 4810 khz as they have been booming in. Glenn Hauser even reports hearing them on his portable. And, while you are in the vicinity don't be surprised to find Radio Guatapurí on 4815 khz. I thought at first I was misreading my dial when I first logged them there ex-4915 khz. HCVG8 is not the only Ecuadorian being reported as stations like Radio Nacional Progreso and Radio Paz y Bien were also logged. The Peruvians are also popping up on 60 meters with Radio Chinchaycocha, 4860 khz, being reported by several DXers. It looks like we are at last at the end of a long hot summer. Remember, all times are GMT, all dates are given in the month/ day format, and the SIO code is used to report reception conditions.

ARGENTINA

6060 2340 LRA31 R. Nacional:w/ slow LA vocals, clear SS ID (322 8/24 Fischer-CT)(444 0924 w/ U.S. pop mx 9/8 Jones-MS)
6120 0730 LRX1 R. El Mundo:w/ rock mx, TC on hr. & ½hr., clear SS ID (222 9/2 Brookwell-CA)

ARGENTINA (cont.)

- 9690 0550 LRA32 R.A.E.:w/ SS nxcst by 2 OM, s/off @ 0555 (444 8/26 Redman-IL)(Fischer-CT)(343 0315 w/ EE tlks & Argentine mx 8/28 Earhart-PA)(Naylor-CA)(Smith-FL)(Watts-IN)
- 9705 1117 LRX2 R. El Mundo:w/ SS ID, TC, tlk, calls as LR1 and possibly LRS1 or LRX1. Listed as 9710 khz (332 8/13 Jones-MS)(444 0441 on 9710 w/ operatic mx, SS IDs 9/2 Kukan-NJ)
- 9740 2200 LRS1 R. Splendid:w/ SS spts, tlk, mx (422 9/8 Zilmer-WI)
- 11710 0610 LRA35 R.A.E.:w/ Argentine mx, YL & OM IDs, EE nxcst, mx (444 8/25 Arnold-CA)(343 2340 w/ EE tlk, mx Miller-CA)(Fischer-CT)(Lordo-SC)(Rojewski-WA)(Dulmage-ONT)(Earhart-PA)(Watts-IN)(443 2100 w/ SS mx 8/15 Grenier-CA)(Miller-OH)(Redman-IL)
- 15290 2045 LRU R. El Mundo:w/ SS pop mx, according to THFBS of IFRB is 10 kw operating *1800-1300* (333 9/1 Enfield-U.K.)
- 15345 1540 LRA33 R. Nacional:w/ instrumental mx, ID @ 1600 (322 9/6 Earhart-PA)(343 2250 8/14 Somers-CA)

BELIZE

- 3300 0509* Radio Belize:w/ rel. pgm, nx, mx, GSTQ after anthem (423 8/26 Jakubiak-MI)(333 0445 w/ Jazz mx, ID @ 0500, nx prayer, NA to 0509* Breeden-MS)(212 0450 w/ EE pop mx 8/21 Watts-IN)

BOLIVIA

- 4738 0250 CP136 R. Abaroa:w/ TENTATIVE logging of tlk, LA mx, too weak to ID (121 8/28 Breeden-MS)(141 0200 9/17 Whitehead-MA)
- 4795 0355 CP73 R. Nueva América:w/ SS tlk, some mx, IDs w/ mention of La Paz, s/off @ 0400 (232 8/17 Fischer-CT)
- 4875 0638 CP75 La Cruz del Sur:w/ OM vocals, ID (243 8/28 Mercado-CA)(333 0220 8/11 Baumgartner-ONT)(332 1055 8/24 Junqua-JAPAN)
- 5055 0201 CP87 R. San Rafael:TENTATIVE logging of LA mx, pgm note for Sat., ad w/ phone #, off abruptly @ 0201 after mx & without ID or anthem (323 9/8 Famularo-NJ) Ralph, doubt this CP87 but might be R. Onda Imperial, Cuzco.

BRAZIL

- 2400 0250 YZZ30 R. Educ. São José:w/ TENTATIVE logging of soccer match coverage, NA & off @ 0300 (232 9/2 Miller-OH)
- 4785 0242 ZYM8 R. Ribamar:w/ PP ID, comls., mx (222 9/1 Jones-MS) MS)
- 4806 0132 ZYS8 R. Dif. do Amazonas:w/ PP nxcst, ID, ad (222 8/14 Breeden-MS)
- 4839 0046 ZYA1 R. Dif Roraima:w/ TENTATIVE logging of 2 OM reading PP nx, short mx break, more nx, Brasilia mentioned, 0054 ads & jingle (333 9/3 Miller-OH) Believe this R. Dif. Teresina.
- 4855 0910 PRC5 R. Clube do Pará:w/ PP mx, tlk (332 8/20 Tannenwald-NY)
- 4865 2310 ZYC33 R. Soc. Feira de Santana:w/ PP YL & OM tlk, like language lesson, Bahia mentioned, piano mx (222 9/2 Miller-OH)
- 4905 0915 ZYD71 R. Relógio:w/ OM w/ tlk, 0920 ID, UTE QR (322 8/25 Junqua-JAPAN)(332 0910 8/25 Tannenwald-NY)
- 4915 0915 ZYE2 R. Dif. Macapá:w/ PP ID, ads, TCs (312 8/24 Vilar6-PR)
- 4985 0400 ZYF208 R. Brasil Central:w/ pop mx, OM PP ID (444 8/12 Dulmage-ONT)(Pimblett-ALTA)(Watts-IN)(Beal-WA)(Redman-IL)(Junqua-JAPAN)(Vecchiola-PA)(Vilar6-PR)(Naylor-CA)(Mahaffey-OH)
- 5015 0810 ZYX24 R. Cultura de Cuaiba:w/ pgm of Brazilian mx (333 8/27 Beal-WA)(222 0235 w/modern mx, 0255* ID 9/6 Baumgartner-ONT)
- 5025 0900 ZYZ21 R. Borborema:w/ PP ID, mx, OM tlk (111 8/15 Vilar6-PR)
- 5965 2335 ZYU60 R. Guaiaba:w/PP tlk // 11785 (422 9/3 Zilmer-WI) Bob also adds the tip that he identifies many Brazilians by checking parallel frequencies in other bands.
- 6000 *0800 PRK5 R. Inconfidência:w/ ID, sign-on anmts, mx, YL ID @ 0805 into tlk (222 8/31 Beal-WA)(Jones-MS)(Breeden-MS)(Vilar6-PR)(232 0150 w/ ID, Brazilian pop mx 8/26 Bixby-CA)(Fischer-CT)
- 6015 2330 ZYB85 R. Clube de Pernambuco:w/ pop mx, electronic jingles, tlk // 11865 (333 9/3 Zilmer-WI)
- 6035 2325 ZYZ65 R. Globo:w/ many PP IDs, tlk, jingles, ads, // 11805 (332 9/4 Zilmer-WI) CT)
- 6045 0925 ZYS33 R. Clube Paranaense:w/ PP ID, echo anmts (242 8/14 Fischer-MS)
- 6085 0030 ZYB87 R. Jornal do Comercio:w/ rapid OM PP tlks (222 9/5 Redman-IL)(332 0045 8/27 Zilmer-WI)(211 2045 8/20 Getzel-NY)
- 6110 0000 PRL8 R. Nacional de Brasília:w/ ID @ 0001 into apparent PP nxcst Not heard since, possible test (222 8/31 Beal-WA)
- 6135 0930 PRC21 R. Gaúcha:w/ PP ID, tlk, mx, ads (433 9/4 Zilmer-WI) WI)
- 6165 2310 ZYE419 R. Cultura, São Paulo:w/ tlk, operatic mx (332 9/3 Zilmer-

BRAZIL (cont.)

- 6185 0937 ZRY77 R. Bandeirantes:w/ PP tlc, 0957 IS, time pips & ID (333 8/17 Junqua-JAPAN)
- 9545 *0700 ZYZ43 R. Universo:w/ sign-on ID as R. Universo, Curitiba into mx. This 1 hr. earlier than WRTH list (333 8/29 Beal-WA)
- 9585 2320 ZYR234 R. Excelsior:w/ PP tlc, mx after R. RSA s/off, // 15265 (322 9/1 Zilmer-WI)
- 9595 0117 ZYN29 R. Cultura da Bahia:w/ leather-lunged spts ancr w/ cmntry on spts event, chimes, whistles @ scores, IDs in passing (333 9/5 Miklejewski-MN)(332 0030 9/2 Zilmer-WI)
- 9635 2345 ZYE236 R. Aparecida:w/ rapid PP tlc (322 8/29 Zilmer-WI)
- 9645 0400 ZYR78 R. Bandeirantes:w/ PP tlc, ID into mx @ 0414 (222 8/25 Beal-WA)(443 0245 9/3 Zilmer-WI)
- 9675 2255 ZYT29 R. Diario da Manhã:w/ mx,ads, time pips w/ march mx, ID (433 8/24 Zilmer-WI)
- 9685 1000 ZYE227 R. Gazeta:w/ tlc, mx,ads, jingles (332 9/2 Zilmer-WI)
- 9695 2030 ZYB61 R. Rio Mar:w/ ID, spts event coverage (222 8/22 Trautschold WI)(232 2350 w/ echo chamber ID, 2 OM tlc 8/23 Fischer-CT)
- 9745 2315 ZYE419 R. Cultura, São Paulo:w/ classical mx, operatic vocals // 6165 (432 9/3 Zilmer-WI)
- 11780 2100 PRL8 R. Nacional de Brasília:w/ s/on, EE nx, sports nx (443 8/16 Cawthorne-U.K.)(343 2100 but KOed by BBC 2105 8/30 Earhart-PA)
- 11785 0048 ZYU61 R. Guaíba:w/ intimate dance mx, one TG, few ads, into nx headlines after 0100 ID (423 9/5 Miklejewski-MN)
- 11865 0035 ZYB85 R. Clube Pernambuco:w/ rock mx, including Elvis Presley's "12 o'clock Rock", ID (322 8/28 Beal-WA)(333 2300 9/4 Famularo-NJ)(332 0215 9/6 Redman-IL)
- 11885 1110 ZYZ25 R. Mauá:w/ OM tlc, lively mx, ID (242 8/18 Baumgartner-ONT) (w/ ID as "R. Ipanema, uma emissora RADIOBRAS" suggesting that nationalization mentioned in this column, July 1976, has been implemented. Glenn Hauser logging w/ comment by ye editor)
- 15135 2125 PRB22 R. Record:w/ PP chatter, jingles, ID (333 9/3 Sapsford-U.K.)
- 15145 2042 ZYB87 R. Jornal do Comércio:w/ electronic tones, ID, excited OM ancr (333 9/5 Bixby-CA)
- 15265 2200 ZYE235 R. Excelsior:w/ PP tlc, pop mx, // 9585 @ 2320, off @ 2334 (322 8/25 Zilmer-WI)

CANADA

- 5960 0330 CBC Northern Service:w/ coverage of Republican convention, mixing UPI audio with reports from its own correspondents (?? 8/19 Hauser-TN)(554 0035 8/17 Watts-IN)
- 6005 2110 CFCX, Montreal:w/ ads, pop mx pgm (242 8/15 Mahaffey-OH)(444 2030 9/6 Famularo-NJ)(443 1800 8/20 Getzel-NY)(554 1950 9/1 Odhner-PA)(433 0055 8/22 Dulmage-ONT)(453 1933 9/6 Watts-IN)
- 6040 2300 RCI:w/ relay CBC "AS IT HAPPENS" pgm of interesting feature stories (555 8/16 Lordo-SC)(444 2215 8/13 Dulmage-ONT)
- 6070 1335 CFRX, Toronto:w/ EE nx, wx, tlc, ads (352 8/28 Pecenka-IN) (443 2300 9/5 Redman-IL)(353 1305 9/5 Famularo-NJ)(233 0009 8/10 Garner-ONT)(343 1957 9/1 Odhner-PA)(452 1947 9/6 Watts-IN)
- 6085 0100 RCI:w/ EE tlc, features (554 9/13 Kannry-NY)(444 0122 8/22 Dulmage-ONT)(544 *0100 8/29 Crable-ID)
- 6135 0400 RCI:w/ EE nx to North America (444 9/9 Nebron-CA) New Frequency!
- 6140 0620 RCI:w/ EE nx to Europe, into FF 0640 (444 8/22 Miller-CA)
- 6160 1110 CKZN, St. Johns:w/ EE national & local nx, wx, into mx pgm (333 9/3 Baumgartner-ONT)
- 6175 0015 BBC via Sackville:w/ EE "RADIO NEWSREEL" (444 8/13 Dulmage-ONT) Reportedly now Montserrat. (555 *2300 8/17 Watts-IN)
- 9625 2300 CBC Northern Service:w/ nx, into "AS IT HAPPENS" (544 9/1 Wallm Wallman-MN)(444 2310 8/9 Baumgartner-ONT)(333 0215 8/21 Thompson-NM)(454 1500 8/24 Benson-VA)(444 1430 8/13 Dulmage-ONT)(New sked shows marked reduction in FF with following percentages noted EE 69.5%, Inuktikut 16.4%, Cree 9/4% & FF 4/7%. Incidentally CBC plans to again QRM its own NC w/ RCI pgm to Europe 2000-2200 broadcast on 9625 again during S 76 Hauser-TN)
- 9650 0115 RCI:w/ EE ID, magazine pgm (444 8/20 Rojewski-MN)(444 0200 8/20 Nebron-CA)
- 9655 0440 RCI:w/ EE "WEEKEND MAGAZINE" (555 8/29 Willis-PA)(544 0545 8/15 Worman-WI)(433 0257 8/12 Dulmage-ONT)(444 1115 9/4 Estes-MS)
- 11720 1200 CBC Northern Service:w/ EE nxcst (332 8/30 Cawthorne-U.K.)(433 1835 8/13 Dulmage-ONT)(554 1702 8/21 Watts-IN)
- 11765 0530 RCI:w/ EE "WEEKEND MAGAZINE"(444 8/15 Grenier-CA)(Watts-IN)

CANADA (cont.)

11855 1833 RCI:w/ "PERSPECTIVE" (554 8/15 Garner-ONT)(Odhner-PA)(Watts-IN)
(Rojewski-WA)(Dulmage-ONT)(Cawthorne-U.K.)
11940 0153 RCI:w/ EE magazine pgm (545 9/1 Watts-IN)
15190 0030 RCI:w/ SS ID, nxcst, orchestral mx (444 8/19 Thompson-NM)
15325 2050 RCI:w/ FF "MAILBAG" (354 8/15 Watts-IN)
15365 1644 BBC via Sackvillew/ EE tlk, mx // 15400 (343 9/2 Famularo-NJ)
(433 1700 8/30 Rojewski-WA)
17820 1806 RCI:w/ EE nx, spts, mx (333 8/6 Smith-FL)(445 1954 8/21 Watts-IN)

CHILE

6190 0750 CE619 R. Nacional:w/ LA mx, SS ID as "CE619"(222 9/2 Brookwell-CA)
9565 0205 CE956 R. Nacional:w/ EE ID, YL nx (422 8/31 Miklejewski-MN)(544
0125 9/5 Watts-IN)(444 0210 w/ SS 9/5 Thompson-NM)(333 0230
8/22 Redman-IL)(343 0350 9/5 Earhart-PA)(444 9/5 Scannell-MA)
9590 1147 CE959 R. Presidente Balmaceda:w/ pop mx, many ads, nx @ 1200
(233 9/2 Miklejewski-MN)(433 2330 9/1 Zilmer-WI)(332 0005
8/25 Fischer-CT)
9750 1130 CE975 R. Minerfa:w/ business feature, ID, ads for "pisco" and
margarine (444 9/3 Miklejewski-MN)
11810 1200 CE1181 R. Nacional:w/ "VOICE OF CHILE" pgm (232 8/28 Zilmer-WI)
15150 0120 CE1515 R. Nacional:w/ EE ID, fqys, address, tlk (221 9/10 Gross-
VA)(Grenier-CA)(Watts-IN)(Jakubiak-MI)(Wyllie-MA)(Miller-OH)
(Orr-CO)(Somers-CA)(Brookwell-CA)(Garner-ONT)(Rojewski-WA)
(Thompson-NM)(Earhart-PA)

COLOMBIA

4755 0710 HJKC Emisora Nuevo Mundo:w/ "CARACOL" net ID, mx (233 9/4
Breedon-MS)(322 0616 8/21 Redman-IL)(333 0710 8/15 Vilar6-PR)
4860 1025 HJLZ LV del Cinaruco:w/ SS mx, TC, ID (111 8/27 Vilar6-PR)
4875 0640 HJLW Ecos del Combeima:w/ "Super Radio" plugs, pop mx pgm (454
9/3 Jakubiak-MI)(Fischer-CT)(Jones-MS)(Miklejewski-MN)(Watts-
IN)(Breedon-MS)(Gross-VA)(Beal-WA)(Vilar6-PR)(Baumgartner-ONT)
(Redman-IL)(Miller-OH)(Brookwell-CA)(Gaffin-NY)(Trautschold-WI)
4885 0500* HJIG Ondas del Meta:w/ s/off w/ID, fqys, NA after inst. mx pgm
(433 9/7 Beal-WA)(432 0440 8/22 Fischer-CT)(333 9/3 Gaffin-NY)
4945 0700 HJDH R. Colosal:w/ ID, shouted anmts, vocals (332 9/1 Crable-ID)
(Redman-IL)(Jakubiak-MI)(Dulmage-ONT)(Watts-IN)
4965 2302 HJAE R. Santa Fé:w/ comedy sketch, IDs (243 9/2 Famularo-NJ)(433
0640 8/22 Redman-IL)(444 0645 9/3 Cohen-NJ)(444 0650 8/10
Dulmage-ONT)(554 0738 8/14 Watts-IN)
5010 0310 HJOX R. Surcolombiana:w/ LA vocals, TC, IDs, very weak signal
(221 9/6 Baumgartner-ONT)
5020 0330 HJCP Ecos del Atrato:w/ ID, chimes, Colombian mx (333 9/11
Jones-MS)(343 1030 8/31 Zilmer-WI)(333 0259 9/6 Breedon-MS)
5040 0858 HJDE R. Cinco:w/ LA mx, ID "R. Cinco, CARACOL" (232 9/3
Miklejewski-MN)(353 0802 9/8 Jones-MS)(333 0705 9/3 Redman-
IL)(222 0356 9/4 Breedon-MS)(332 0840 8/16 Tannenwald-NY)
(332 0003 9/7 Vecchiola-PA)(111 0910 8/15 Vilar6-PR)
5075 0200 HJGC R. Sutatenza:w/ LA mx, many IDs (544 8/29 Jakubiak-MI)(333
1030 8/22 Junqua-JAPAN)(422 0035 8/26 Redman-IL)(444 0312
9/7 Pimblett-ALTA)(554 0030 8/25 Watts-IN)
5095 0056 HJGG R. Sutatenza:w/ SS, not // 5075 (544 8/25 Watts-IN)
6065 0510 HJAX R. Super:w/ ID, local mx (242 9/11 Nebron-CA)(322 0700 8/21
Redman-IL)(322 0545 8/22 Fischer-CT)(333 0602 8/20 Getzel-NY)
6075 1100 HJID R. Sutatenza:w/ OM tlks, ID (443 9/2 Redman-IL)(433 1015
8/20 Getzel-NY)(423 1100 9/8 Butterfield-MA)
6115 2335 HJIE LV del Llanos:w/ SS nx, ID w/ alarm sound, hvy qRM (212 8/30
Baumgartner-ONT)(422 2355 8/25 Getzel-NY)(422 8/24 Redman-IL)
6120 0903 HJ?? R. Super de Cali:w/ ID, TCs, Argentine mx (423 8/24 Jones-
MS)(422 1030 9/9 Zilmer-WI)(332 0650 8/21 Redman-IL)
6150 0640 HJJT LV del Huila:w/ Tango mx, TCs, IDs (433 8/21 Redman-IL)(323
0603 8/30 Getzel-NY)
6160 1000 HJKJ Emisora Nueva Granada:w/ Colombian mx, ID (444 8/11 Perry-
QUE)(433 0650 8/28 Redman-IL)(323 0000 8/26 Getzel-NY)(444
0925 8/21 Watts-IN)
6170 1050 HJBJ LV de la Selva:w/ ads, promos for Caquetá industrial
commission, OM tlk (343 9/2 Miklejewski-MN)(323 0325 8/27
Getzel-NY)(444 0932 8/21 Watts-IN)
6190 0335 HJ?? LV de los Centauros:w/ LA mx, ID (333 9/7 Pimblett-ALTA)

COLOMBIA (cont.)

- 6190 1105 HJ?? LV de los Centauros:w/ pleasant LA ballads, ID after each
(322 9/5 Miklejewski-MN)(Butterfield-MA)(Redman-IL)(Breedens-
MS)(Getzel-NY)(Vilar6-PR)(Watts-IN)(Estes-MS)(Mahaffey-OH)
9682 1156 HJZK R. Nacional:w/ some U.S. mx, TC, ID, "RELOJ DEL MUNDO" (232
8/19 Miklejewski-MN)(444 1300 9/6 Jones-MS)(333 0157 9/6
Dulmage-ONT)

COSTA RICA

- 4832 0615 TIHE Emisoras R. Reloj:w/ OM SS ID w/ fqy, pop LA mx (243 8/28
Mercado-CA)(Redman-IL)(Vilar6-PR)(Dulmage-ONT)(Mahaffey-OH)
5995 0540 TIQ R. Casino:w/ mx, ID, TC, ad (232 8/21 Breedens-MS)(443 0839
w/ ads, TCs, pop mx, many IDs as "monumental" 8/24 Jones-MS)
6006 0830 TIHE Emisoras R. Reloj:w/ SS versions of oldies, IDs, TCs (423
9/10 Butterfield-MA)(Miklejewski-MN)(Gross-VA)(Vilar6-PR)
(Watts-IN)(Fischer-CT)
9645 0308 TIFC Faro del Caribe:w/ EE "REVIVAL TIME" (423 9/3 Orr-CO)(Kukan-
NJ)(Miklejewski-MN)(Garner-ONT)(Thompson-NM)(Zilmer-WI)
(Watts-IN)

CUBA

- 6060 2230 RHC:w/ SS ID, Cuban mx (222 8/11 Hammer-OH)
9525 0626 RHC:w/ EE anmts after NA @ sign-on (555 8/20 Owsley-CA)(554 0700
8/18 Miller-CA)
9770 0332 RHC:w/ SS anmts after IS, listed 9765 (444 9/8 Earhart-PA)
11725 0100 RHC:w/ EE nx, mailbag (333 9/2 Lordo-SC)(444 0445 8/18 Watts-IN)
11760 2200 RHC:w/ ID as R. Pyongyang then RHC in apparent relay (444 8/23
Kukan-NJ)(555 0445 8/18 Watts-IN)
11865 0350 RHC:w/ EE nxcst mentioning hurricane "Belle"(443 8/10 Miller-CA)
11930 0115 RHC:w/ EE interview, nx "FROM THE LAND OF MUSIC" mx pgm (224
8/16 Willis-PA)(444 0215 8/22 Famularo-NJ)(555 0445 8/18
Watts-IN)(555 0312 8/2 Garner-ONT)(444 0300 9/7 Dulmage-ONT)
15230 1350 RHC:w/ SS LA mx, ID (444 8/24 Cohen-NJ)(444 1810 9/6 Watts-IN)
(333 0059 9/8 Kukan-NJ)
17885 2130 RHC:w/ EE "Philately in Cuba" to Europe (454 8/15 Lordo-SC)(333
1940 8/29 Miklejewski-MN)(555 2000 8/18 Watts-IN)
17720 1715 RHC:w/ FF tlk, ID (343 8/23 Trautschold-WI) oops-out of order!

DOMINICAN REPUBLIC

- 4781 0205 HI?? R. Norte:w/ clear ID, tropical mx (443 9/6 Miller-OH)
4825 0310 HIFA LV de las Fuerzas Armadas:w/ non-stop instrumental mx, ID
w/ fqys @ 0400 sign-off (433 8/7 Baumgartner-ONT)
11700 1620 HILL R. Clarin:w/ OM reading numbers, apparently lottery results
(343 8/15 Hammer-OH)(344 1620 8/15 Breedens-MS)(333 1805 8/29
Bixby-CA)(??? 1850 9/6 Watts-IN)(333 1840 8/22 Trautschold-WI)

ECUADOR

- 3270 0105 HCEI6 R. Cosmopolita:w/ TENTATIVE YL ID, LA mx, anthem & off @
0115 (322 9/5 Famularo-NJ)
3280 1025 HCVN7 LV del Napo:w/ QC tlk, mx (322 8/27 Zilmer-WI)(332 2355
8/29 Famularo-NJ)
3380 0210 HCDY4 R. Iris:w/ Andean chorals, anmts "La música nacional"
OM tlks (423 8/23 Redman-IL)
3390 0148 HCOT1 R. Zaracay:w/ local mx, IDs (332 8/25 Kukan-NJ)
4680 0335 HCWE1 R. Nacional Espejo:w/ LA mx, ads, IDs (322 9/9 Beal-WA)
4765 0234 HCAJ2 R. C.R.E.:w/ Ecuadorian mx (332 9/1 Jones-MS)
4790 1045 HCVP2 Sistema de Emisora Atalaya:w/ rel mx & sermon by OM, TENT
(222 ??/? Beal-WA)
4795 0504* HCAS4 LV de los Carás:w/ SS dedication pgm (443 8/31 Gaffin-NY)
(332 0338 8/12 Jones-MS)(332 0445 8/22 Fischer-CT)
4800 0525 HCMB5 R. Popular Independiente:w/ LA mx, OM ID (433 8/22 Fischer-
CT)(322 0615 8/22 Redman-IL)(322 0450 9/4 Baumgartner-ONT)
(433 0455 8/21 Watts-IN)
4820 1000 HCPS6 R. Paz y Bien:w/ Andean mx, rel. pgm, anmts of "Aquí en
Ambato" (212 8/27 Vilar6-PR)
4875 0411 HCEV4 LV de Esmeraldas:w/ slow ballads, TCs, 2-note chimes (343
9/6 Vecchiola-PA) Think you got fooled by move of Ecos del
Combeima to this frequency. My guess this HJLW.
4892 0434 HCER5 R. Centinela del Sur:w/ mx, ID, NA to 0436* (132 8/13
Breedens-MS)(242 0420 8/17 Fischer-CT)

ECUADOR (cont.)

- 4910 0530 HCMJ1 Emisoras Gran Colombia:w/ ID, Caribbean mx, "Nuestras ondas se escuchan en todas partes" ment (222 9/8 Vilar6-PR) (222 0330 9/4 Breeden-MS)(322 0402 9/4 Baumgartner-ONT)
- 4923 0430 HCRQ1 R. Quito:w/ non-stop Ecuadorian vocals, ad string & s/off @ 0500 (433 8/25 Redman-IL)(454 0415 8/22 Fischer-CT)(322 0326 9/7 Pimblett-ALTA)(544 0420 8/29 Jakubiak-MI)
- 5025 1021 HCEV5 R. Splendit:w/ SS ID, fqys, names of listeners, andean mx (343 8/23 Jones-MS)(333 0950 9/8 Beal-WA)(322 1001 8/11 Baumgartner-ONT)
- 5060 0236 HCEH6 R. Nacional Progreso:w/SS Andean mx, ID w/ mention of Ecuador (343 9/8 Trautschold-WI)(Pimblett-ALTA)(Gross-VA) (Miklejewski-MN)(Breeden-MS)(Famularo-NJ)(Baumgartner-ONT) (Beal-WA)(Miller-OH)(Watts-IN)
- 6050 0125 HCJB:w/ "QUE FAMILIA MAS FELIZ" pgm (454 8/13 Fischer-CT)(544 0258 8/20 Watts-IN)
- 6095 0400 HCJB:w/ "MUSIC IN THE NIGHT" pgm (444 8/25 Woltman-WI)(434 0215 9/12 Grenier-CA)(443 0600 8/14 Willis-PA)(545 8/17 Miller-CA)
- 6130 0930 HCJB:w/ "DX PARTY LINE" to Australia/New Zealand (344 8/23 ONT) Kukan-NJ)(433 0935 8/14 Fischer-CT)(444 0645 PF 8/10 Dulmage-
- 9560 0230 HCJB:w/ "DX PARTY LINE" (554 8/20 Arnold-CA)(Dulmage-ONT) Redman-IL)(Grenier-CA)(Garner-ONT)(Miller-CA)(Watts-IN)
- 9760 0708 HCJB:w/ rel. tlk, nx, EE ID (444 8/3 Smith-FL)(554 0732 8/16 Watts-IN)
- 11745 1552 HCJB:w/ rel. pgm, nx (233 8/17 Garner-ONT)(443 1500 9/11 Pimblett-ALTA)(343 1615 8/16 Thompson-NM)
- 11835 0315 HCJB:w/ SS rel pgm, ID (333 9/2 Crable-ID)(333 0330 w/ RR rel pgm 9/1 Thompson-NM)(545 0350 8/18 Watts-IN)
- 11885 0001 HCJB:w/ PP rel pgm to South America (555 8/21 Watts-IN)
- 11895 2230 HCJB:w/ EE rel. pgm to South America (544 9/5 Lordo-SC)
- 11915 0230 HCJB:w/ ID, "DX PARTY LINE" (444 9/7 Rojewski-WA)(433 0230 w/ horrid modulation 8/29 Scannell-MA)(333 1405 8/23 Miller-CA) (412 0630 8/19 Watts-IN)(444 0230 8/17 Thompson-NM)
- 11960 0108 HCJB:w/SS mx, R. Moscow QRM (423 8/25 Watts-IN)
- 15115 2006 HCJB:w/ a radio play in SS // 15160 (444 8/18 Watts-IN)(444 2347 8/12 Mercado-CA)
- 15300 2020 HCJB:w/ "DX PARTY LINE" incl SPEEDX rept (444 9/11 Sapsford-U.K.) (444 2110 9/6 Famularo-NJ)(555 2020 8/15 Watts-IN)
- 15310 1830 HCJB:w/ GG rel. pgm (343 8/16 Fischer-CT)(454 1730 8/18 Lordo-SC) (343 1711 9/6 Earhart-PA)
- 15375 2319 HCJB:w/ GG to South America (555 8/16 Watts-IN)
- 17780 2000 HCJB:w/ "MUSIC IN THE NIGHT" (555 8/18 Watts-IN)
- 9680 0900* HCJB:w/ QC tlk to 0859 ID mentioning 690 khz, HCJB's MW fqy, time sig and off (??? ??/? Hauser-TN) Out of order, obviously

EL SALVADOR

- 5980 0657 YSS R. Nacional:w/ TENTATIVE logging of SS mx, IDs, ads, no ID as R. Panamericana, instead mention "...nacional..." (555 8/21 Watts-IN) Don't think so Greg for two reasons. First your SIO is unbelievable. Secondly, YSS not commercial.
- 9576 1445 YSV R. Comercial:w/ TENTATIVE logging of LA mx, tlk, but always too weak to ID (131 8/20 Breeden-MS)

GALAPAGOS ISLANDS

- 4810 1213 HCVG8 LV de los Galápagos:w/ LA mx, SS anmts, 1215 gull cries & ID (333 8/21 Junqua-Japan)(322 0355 9/5 Baumgartner-ONT)(343 0335 8/28 Fischer-CT)(444 0300 8/24 Estes-MS)(433 0329 8/24 Jones-MS)(333 *1215 8/26 Bodell/Trochimczyk-OR)(444 0400 8/25 Hauser-TN)

GRENADA

- 15105 2000 R. Grenada:w/ EE pop mx w/ OM ancr (423 8/25 Jakubiak-MI)(322 2030 8/10 Cawthorne-U.K.)(333 2005 9/2 Sapsford-U.K.)(444 1955 8/25 Hambright-NJ)(342 2025 8/27 Fischer-CT)(233 2052 8/27 Breeden-MS)(221 2030 9/8 Gross-VA)(131 2033 9/5 Bixby-CA)

GUATEMALA

- 2390 1126 TGDS LV de Atitlán:w/ Guatemalan mx, ID (243 8/26 Bodell/Trochimczyk-OR)
- 3300 0215 TGNC R. Cultural:w/ SS classical mx pgm (322 8/20 Estes-MS)(Watts IN)(Jones-MS)(Bixby-CA)(Owsley-CA)(Redman-IL)(Breeden-MS) (Fischer-CT)(Jakubiak-MI)(Orr-CO)(Garner-ONT)(Thompson-NM)

GUATEMALA (cont.)

- 3300 0401 TGNC R. Cultural:w/ EE sermon pgm (333 9/7 Pimblett-ALTA)
 3325 1015 TGBA R. Maya:w/ several IDs, rel. pgm in Indian language w/
 singing in Indian to organ mx '433 9/3 Zilmer-WI)(322 1042
 9/3 Miklejewski-MN)(443 0323 8/12 Jones-MS)
 3360 1100 TGVN LV de Nahualá:w/ sign-on anmts, "CAMPEÑINOS MADRUGADORES"
 pgm (444 8/30 Miklejewski-MN)(322 0100 8/24 Redman-IL)(333
 1201 8/26 Bodell/Trochimczyk-OR)(433 0435 8/22 Breeden-MS)
 (222 0425 9/4 Baumgartner-ONT)
 6180 0554* TGWB R. Nacional:w/ ID, fqys, "hasta mañana a misma hora."(444
 9/11 Jones-MS)(433 0150 8/26 Redman-IL)(232 0816 8/28
 Junqua-JAPAN) Atta way to haul in the Latins Gib! Just super!

GUYANA

- 3290 0816 GBS Action Radio:w/ C&W mx, EE tlk (222 8/14 Hammer-OH)(322 0914
 8/31 Kukan-NJ)

HAITI

- 9770 1158 4VEH R. 4VEH:w/ EE rel. pgm, ID (322 9/7 Breeden-MS)
 11835 1300 4VEJ R. 4VEH:w/ EE rel. tlk, rel. mx, nx (353 8/28 Pecenka-IN)
 (242 1230 8/25 Fischer-CT)(343 1150 9/7 Famularo-NJ)(353 1355
 8/21 Vecchiola-PA)(222 2348 8/24 Scannell-MA)(333 1155 w/
 (HAVEN OF REST" pgm, ID into nx @1200 8/31 Miklejewski-MN)
 (433 2114 8/16 Watts-IN)

HONDURAS

- 4780 1050 HRRZ R. Juticalpa:w/ mx, ads, ID, into pgm of country mx @ 1100
 (342 9/6 Miklejewski-MN)
 4820 0401 HRVC LV Evangélica:w/ EE tlk, rel. mx (232 9/11 Owsley-CA)(333
 0310 9/2 Cohen-NJ)(232 0310 8/30 Pecenka-IN)(242 0412 8/24
 Mercado-CA)(554 0428 8/29 Watts-IN)(333 0450 8/30 Earhart-PA)
 4920 1025 HRPL3 R. Progreso:w/ ID, mx, agricultural advice pgm @ 1030 (312
 8/16 Vilaró-PR)
 6125 2325 HRQ R. Suvapa:w/ "MUSICA A LA CARTA" pgm, Pepsi ads, "La
 cariñosa" anmts by sexy YL (433 8/23 Redman-IL)(333 0015
 8/25 Getzel-NY)

MARTINIQUE

- 3315 0302* FR3, Fort de France:w/ FF intos by YL, EE & FF pop tunes (443
 9/1 Gaffin-NY)(211 0100 9/4 Butterfield-MA)(222 1000 w/ sign-
 on, "Marsellaise" ID, nx 8/16 Vilaró-PR)(222 0200 8/22
 Breeden-MS)(444 0055 9/7 Vecchiola-PA)(332 0350 8/22 Fischer)

MEXICO

- 5985 0213 XERMx R. México:w/ "RADIO CORREO DEL AIRE" pgm of listener's
 letters & mx (534 8/25 Watts-IN)
 6115 1640 XEUDS R. Universidad de Sonora:w/ Classical mx (444 9/6 Grenier-
 CA)(454 1645 8/16 Thompson-NM)
 9515 0519 XEWW LV de America Latina:w/ SS nxcst (242 8/14 Nebron-CA)
 9705 2019 XERMx R. México:w/ mx, address, ID, more mx (232 8/22 Trautschold
 WI)(422 2320 8/27 Redman-IL)(454 2045 8/19 Thompson-NM)(555
 0130 8/25 Watts-IN)
 15385 2115 XERMx R. México:w/ SS pop mx, jingles, occasional EE IDs (333
 9/1 Sapsford-U.K.)(353 2230 9/7 Earhart-PA)(423 0120 9/9
 Trautschold-WI)(555 2205 8/25 Watts-IN)(444 1415 8/28 Grenier
 CA)(343 2050 8/29 Miklejewski-MN)(454 0205 8/17 Mahaffey-OH)

PANAMA

- 2480a 0050 H0?? R. Onda Tropical:w/ anmt as "la emisora más joven de Panamá"
 ID, mx, cuckoo clock TC, frequency given as 1200 khz. Located
 in "Provincia Herrera" Evidently 2x harmonic (111 8/16
 Vilaró-PR) Glenn, any ideas??

PERU

- 3240 0040 OBX4U R. América:w/ spts event, ads, ID, then LA mx (323 9/5
 Famularo-NJ)
 3320 0108 OBZ4I R. Estrella del Sur:w/ TENTATIVE w/ OM ancr w/ sports
 event cntry, ads, many confusing IDs, one ID was "R. Nacional
 w/ electronic noise. (433 9/2 Famularo-NJ) Possibly a relay
 of a "R. Nacional" pgm. ejw
 4790 0415 OAX8F R. Atlántida:w/ pop LA mx pgm, ID (343 8/29 Earhart-PA)(232
 0235 9/6 Breeden-MS)(343 0430 9/4 Cohen-NJ)

PERU (cont.)

- 4800 0750 OCY4S R. Quince Cincuenta:w/ Peruvian mx, OM ID @ 0802, hvy
UTE QRM (222 9/4 Beal-WA)
- 4860 0441 OBZ4Z R. Chinchaycocha:w/ mixture of ballads & lively vocals
(233 9/6 Vecchiola-PA)(444 0405 8/30 Estes-MS)(232 0911 8/22
Jones-MS)(222 0605 8/22 Mahaffey-OH)(343 0445 8/25 Bodell/
Trochimczyk-OR)(433 0545 8/25 Redman-IL)(434 0740 8/15
Vilar6-PR)(232 0440 8/17 Fischer-CT)
- 4995 0325 OAZ4S R. Andina:w/ Peruvian mx, ads, ID (222 8/15 Baumgartner-
ONT)(333 0512 8/27 Naylor-GA)(412 0738 8/14 Watts-IN)
- 5010 0400 OAX8V R. Eco:w/ ads, mx, IDs as "R. Eco, Eco, Eco..." (443 9/3
Watts-IN)
- 5980 0617 OBX4M R. Panamericana:w/ Pepsi ad, ID, mx (243 8/12 Breeden-MS)
(554 0556 w/ ID, LA pop & rock mx 8/22 Watts-IN)
- 6082 0715 OAX4Z R. Nacional:w/ non-stop "Música Nacional", IDs. Off
suddenly @ 0725 (322 8/28 Redman-IL)(343 1000 8/14 Perry-QUE)
(222 1040 9/3 Baumgartner-ONT)(333 0809 8/25 Jungua-JAPAN)
- 9505 1203 OAX4V R. América:w/ "Nuestro Mensaje Musical" pgm, ID (232 9/2
Miklejewski-MN)(433 0650 9/5 Redman-IL)(333 8/11 Baumgartner)
- 9562 1730 OAX4R R. Nacional:w/ OM w/ ID, into LA mx pgm, tlk (242 8/23
Trautshold-WI)
- 9675 2217 OAZ4L R. del Pacifico:w/ lt. inst mx, ad string, ID "en Lima,
R. del Pacifico" (322 8/11 Baumgartner-ONT)(333 1141 8/30
Miklejewski-MN)(132 1858 8/16 Breeden-MS)

URUGUAY

- 11835 0205 CXA19 R. El Espectador:w/ end SS nx, TCs, many ads (322 8/20
Miklejewski-MN)

VENEZUELA

- 3215 1020 YVZV Ondas Panamericanas:w/ SS mx, ads, OM (232 9/8 Estes-MS)
- 3245 0500 YVKT R. Libertador:w/ LA mx, ID (333 9/3 Pimblett-ALTA)(432 1025
9/3 Zilmer-WI)(333 1000 8/16 Vilar6-PR)(332 8/29 Famularo-NJ)
- 3255 0154 YVQL LV del Tigre:w/ LA mx, SS ID (434 8/31 Famularo-NJ)
- 3275 1015 YVMC R. Maraw:w/ ID, tlk, LA mx (322 9/3 Zilmer-WI)(433 0204 8/28
Breeden-MS)
- 3295 0047 YVOG R. Trujillo:w/ SS versions of U.S. pop tunes, few amnts
(434 0047 9/7 Vecchiola-PA)(322 1000 9/3 Zilmer-WI)
- 3355 1005 YVLC R. Impacto, Valencia:w/ ID as "Impacto", LA pop mx pgm
(111 9/7 Gross-VA)
- 3385 0958 YVQI R. Barcelona:w/ NA, sign-on ID, nx (322 9/8 Gross-VA)
- 3395 0038 YVOJ R. Universidad:w/ LA vocals, ads (222 8/31 Famularo-NJ)
- 4770 0023 YVNW R. Bolívar:w/ SS IDs, ads, LA mx (444 9/3 Kukan-NJ)(Redman-
IL)(Tannenwald-NY)(Famularo-NJ)(Fischer-CT)
- 4780 0034 YVLA LV de Carabobo:w/ slow vocals, ID (433 9/7 Vecchiola-PA)
(333 1008 9/3 Miklejewski-MN)(333 1030 8/28 Vilar6-PR)
- 4800 0110 YVMO R. Laraw:w/ Romantic Venezuelan mx, TCs, nx @ 0115 (343 8/17
Mahaffey-OH)(Redman-IL)(Breeden-MS)(Tannenwald-NY)(Estes-MS)
(443 0250 8/20 Dulmage-ONT)(554 0207 8/20 Watts-IN)
- 4840 0123 YVOI R. Valera:w/ tlk, ID, mx (323 9/7 Breeden-MS)
- 4850 1000 YVKX R. Capital:w/ ID, pop mx pgm (352 8/19 Mahaffey-OH)
- 4860 0000 YVQE R. Maracaibo:w/ pop LA mx, ID/TC between #s (222 8/20
Tannenwald-NY)(Mahaffey-OH)(Redman-IL)(Breeden-MS)
- 4870 2330 YVKP R. Tropical:w/ ID as "Esta es la Tropical", LA mx (555 9/6
Wyllie-MA)
- 4880 0010 YVMS R. Universo:w/ LA vocals, amnts as "R. Universo Musical"
(433 8/22 Redman-IL)(232 0015 8/20 Tannenwald-NY)
- 4890 0400 YVKB Radiodifusora Venezuela:w/ IDs, pop mx (555 8/30 Jakubiak-
MI)(Butterfield-MA)(Beal-WA)(Tannenwald-NY)(Thompson-NM)
- 4900 0000 YVNK R. Juventud:w/ pop mx, ID (444 9/4 Butterfield-MA)(Redman-IL)
(Bixby-CA)(Cohen-NJ)(Tannenwald-NY)(Thompson-NM)(Estes-MS)
(Watts-IN)
- 4940 0120 YVPA R. Yaracuy:w/ LA & EE pops, TC/IDs (323 8/18 Orr-CO)(333
0215 9/6 Butterfield-MA)(433 0330 8/20 Redman-IL)
- 5050 0555 YVKD R. Mundial:w/ LA vocals, ID (333 8/28 Mercado-CA)(Beal-WA)
(Breeden-MS)(Vilar6-PR)(Redman-IL)
- 6010 *1030 YVSB R. Los Andes:w/ NA, ID, Venezuelan mx (332 9/7 Jones-MS)
- 6070 0725 YVSR R. San Sebastián:w/ lt LA mx, musical IDs (433 9/7 Gross-VA)
(Breeden-MS)(Getzel-NY)(Mahaffey-OH)
- 6080 0505 YVQV R. Zaraza:w/ OM IDs, ads, much slop 6085 (322 8/26 Bixby-CA)
- 6180 *0957 YVSD R. Turismo:w/ SS ID, many ads, pgm for campesinos (444 9/1
Jones-MS)

SWBC DX - EUROPE/AFRICA

Editor this month: ROBERT BUTTERFIELD

Per the notice on page three, and effective immediately, send all loggings for Europe to Wade Smith. All African loggings go to Ralph Famularo. Welcome these new editors with lots of loggings.

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-Africa-

ALGERIA

- 9510 1845 Radiodiffusion Television Algerienne: AA w/ orch mx, flute mx, chants, time pips, nx @ 1900 (344 9/5 Famularo-NJ)
15420 1935 RTVA: AA w/ orch mx, chants, tlk, mx (433 8/30 Beal-WA); (545 w/ nx, ID @ 1959 8/16 Watts-IN) c.f. Sept and Oct Europe/Africa under Morocco. rfb.

ANGOLA

- 4820 0615 R. Nacional de Angola: PP w/ afro mx, drum interludes, mentions of "Populare" (444 8/27 Jakubiak-MI)
5033t 2227 R. Nacional de Angola/R. Clube de Cabinda: PP w/ afro mx (continuous) to 2250, tlks by man, 2254 hymns, 2257 anthem, 2259* (232 8/29 Miller-OH) Sked 0530-2200 w/ "Nacional" rly, probably extended. rfb.

ASCENSION ISLAND

- 9580 0009 -BBC, Atlantic Relay: EE w/ nx about Britain (433 8/13 Dulmage-ONT);(Thompson-NM);(Freed-QUE);(Redman-IL)

BENIN

- 4870 2140 La Voix de la Revolution/Radiodiffusion Benin: FF w/ pol tlks, many mentions of "la Revolution" (353 9/4 Vecchiola-PA);(Miller-OH);(Cohen-NJ);(Famularo-NJ);(Tannenwald-NY);(Hammer-OH) @ 0545+ (Redman-IL);(Brookwell-CA);(Butterfield-MA)

BOTSWANA

- 4845 *0345 R. Botswana: Setswana/EE w/ bells and animal sounds IS to 0359, anthem, s/on @ 0400, ID "You are tuned to Radio Botswana from Gabrones" into Setswana pgm (243 9/8 Shepard-NY);(323 @ 0625 in EE 9/3 Jukubiak-MI);(332 @ 1715 in EE, 1730 Setsw. 8/26 Junqua-JAPAN)

CAMEROON

- 4972.5m*0430 R. Yaounde: FF/EE s/on "This is Yaounde, the national station of Radio Cameroon" into FF/Vern mx pgm incl some EE rock mx. @ 0530 s/on in EE w/ ID, rel pgm, @ 0600 back into FF (333 9/5 Butterfield-MA);(232 1905 9/3 Wakisaka-JAPAN);(322 2301* 8/8 Baumgartner-ONT)
5010 2116 R. Garoua: Vern w/ afro chants, reed mx (332 8/18 Junqua-JAPAN)

CANARY ISLANDS

- 15365 2045 R. Nacional de Espana, Tenerife: SS w/ mx, tlk, ID, (444 8/15 Estes-MS)

CENTRAL AFRICAN REPUBLIC

- 5038 2200 Radiodiffusion Nationale Centrafricaine: FF w/ local mx, some U.S. rock, ID "Ici Bangui", despite RTTY QRM still strong and clear (534 9/14 Butterfield-MA);(343 8/31 Wakisaka-JAPAN);(433 8/10 Junqua-JAPAN);(354 9/4 Tannenwald-NY);(433 2258* 8/31 Baumgartner-ONT);(332 0445 9/11 Snyder-CA);(423 0451 8/10 Watts-IN)

CHAD

4904.5 *0425 Radiodiffusion Nationale Tchadienne: FF w/ drum IS, anthem, 0430 s/on, ID, mx (343 9/3 Hammer-OH);(121 8/25+ Bodell/Trochimczyk-OR);(343 0515 no ute, finally Snyder-CA);(332 8/22 Fischer-CT);(453 9/6 Vecchiola-PA);(544 8/29 Watts-IN);(323 2115 9/14 Butterfield-MA);(242 1845 Wakisaka-JAPAN);(222 2207* 8/31 Baumgartner-ONT)

CONGO, PEOPLE'S REPUBLIC OF THE

4765 0130 Radiodiffusion Television Congolaise/La Voix de la Revolution: FF w/ pops and modern afro mx, ID, tlk, on early (333 8/15+ Baumgartner-ONT);(222 2240 8/20 Tannenwald-NY);(Butterfield-MA)

6115 2300 RTVC: FF w/ afro mx, tlk (433 9/5 Zilmer-WI)

9715 1910 RTVC: FF w/ tlk, ID, fqys, afro mx (333 8/10 Baumgartner-ONT)

15190 2130 RTVC: EE w/ pgm s/on, ID "You are listening to the Voice of the Revolution, Brazzaville", nx, 2145 into FF pgm (544 8/24 Hambright-IN);(Meehan-CT);(Famularo-NJ);(Vecchiola-PA);(Watts-IN);(Smith-AL);(Beal-WA);(Orr-CO);(Mercado-CA);(Fischer-CT)

EGYPT, ARAB REPUBLIC OF

9475 *0200 R. Cairo: EE nx, mx, comtry (353 9/2 Pecenka-IN);(Crible-ID);(Odhner-PA);(Fowler-ONT);(Fischer-CT);(Naylor-CA);(Beal-WA);(Earhart-PA)

9850 2220 R. Cairo (HS): AA mx (454 8/21 Fischer-CT);(444 8/15 Redman-IL);(544 0411 w/ "Voice of the Arabs" 8/22 Watts-IN)

17725 1745 R. Cairo (HS): AA w/ s/on, chants (333 ??/ Dennis-IN)

17920 1315 R. Cairo: EE w/ tlk, mx, nx (353 8/5 Araki-JAPAN)

ETHIOPIA

4905 *0257 ETLF (HS): Amharic w/ IS, EE/FF IDs, 0259 "V" on drums, Eng ID into Amharic pgm (333 8/24 Jones-MS);(Shepard-NY);(Butterfield-MA) c.f. August Chad entry which should be this stn, Chad s/on is @ 0430. Sked for ETLF, 4905 is 0300-0325 in Amharic. rfb.

7165 *0358 ETLF: EE w/ ID, nx, ko'ed by Moscow returning after break (333 8/29 Kukan-NJ);(211 8/16 Getzel-NY);(333 8/28 Thompson-NM);(--- 8/20 0329 Hauser-TN)

11805nf 1445 ETLF: Hindi pgm w/ EE ID (333 9/12 Snyder-CA)

11830 2005 ETLF: EE tlk, ID, rel tlk, 2030* (332 9/9 Famularo-NJ);(322 9/5 Miller-OH)

11910 *1945 ETLF: EE w/ drum interlude, ID, nx, (544 8/25 Jukubiak-MI);(333 1945 8/25 Butterfield-MA);(433 2000 8/26 Hambright-NJ) That ought to keep those of you who haven't QSLed Ethiopia busy! The later is your best bet. rfb.

EQUATORIAL GUINEA

4926 0550 R. Ecuatorial: U/lang w/ afro mx, tlk, TENT (211 8/7 Baumgartner-ONT) Sked for 0430-0630 (322 1738 in SS/Vern 8/21 Junqua-JAPAN)

GABON

4777 2215 Radiodiffusion Television Gabonaise: FF tlk, ID, afro mx (222 9/3 Butterfield-MA);(333 2300 8/25 Tannenwald-NY);(343 0525 8/22 Fischer-CT)

GAMBIA

4820f 0625 R. Gambia: U/lang w/ afro chants, drums (121 8/17 Owsley-CA) BBC MS reports that R. Gambia's MW outlet on 648 has been observed Sundays @ 2400* w/ ancmts in EE. "It would appear this transmitter is the one scheduled to have started in 1976". (i.e. the one to replace shortwave. rfb.)

GHANA

3366 2244 Ghana Broadcasting Corporation 2, Accra: EE w/ rel mx, nx, ID as "GBC-2" (222 8/29 Kukan-NJ)

4915 2245 GBC 1, Accra: EE nx (333 8/18 Tannenwald-NY);(323 2245 9/3 Butterfield-MA);(333 2254 8/18 Getzel-NY);(253 0600 9/2 Pecenka-IN) in Vern:(343 8/13 2215 Fischer-CT);(554 0547 8/29 Watts-IN);(433 0630 8/16 Redman-IL)

4980 0549 GBC 2, Ejura: EE rel pgm (554 8/29 Watts-IN);(232 0600 9/4 Pecenka-IN);(Butterfield-MA)

GUINEA-BISSAU

5040 2130 R. Bissau: PP/Vern w/ tlk, afro mx, ID, mentions of Africa, IS?, Vern tlk, mx (253+ 9/4 Famularo-NJ)

GUINEA, REPUBLIC

4910 0616 Radiodiffusion Nationale: Vern w/ two men tlking (332 8/21 Snyder-CA);(333 9/5 0630 Butterfield-MA);(322 9/10 Shepard-NY)

IVORY COAST

4940 2051 Radiodiffusion Television Ivoirienne: FF w/ afro pop mx, ID @ 2100, tlk (433 8/18 Junqua-JAPAN);(444 2155 9/3 Butterfield-MA);(333 8/12 2250 Tannenwald-NY);(323 0001* 8/16 Orr-CO);(433 0620 8/16 Redman-IL)

KENYA

* 4884 1740 Voice of Kenya: Vern tlk, afro mx (333 9/3 Wakisaka-JAPAN)

LIBERIA

4770 2130 ELWA: EE rel pgm, mx (323 9/14 Butterfield-MA)
 6035 0317 VOA, Monrovia: EE tlk on South Africa (333 9/6 Mahaffey-OH)
 6180 0742 VOA, Monrovia: EE mx (222 9/2 Brookwell-CA)
 11945 2033 ELWA: EE w/ "Back to the Bible", nx @ 2045, 2055* (343 9/8 Orr-CO);(Watts-IN);(Butterfield-MA);(Fowler-ONT)
 12000 1612 VOA, Monrovia: EE w/ nx (353 8/15 Fowler-ONT);(343 8/18 1635 Thompson-NM) Interesting to note this fqy not in Fqy Sked.

LIBYAN ARAB REPUBLIC

6185 1958 Peoples' R volution Broadcasting: AA mx, chants (232 9/8 Freed-QUE) Fqy incorrect in Sept issue. rfb.
 • 17800nf 1900 PRB: AA chants, mx, // 6185, VOA FF QRM (333c9/2 Sapsford-ENGLAND) Good show! Dave notes this is the Voice of the Arab Homeland program. BBC MS skeds this pgm to start 1900. rfb.

MALAGASY REPUBLIC

11730 2010 R. Nederland, Talata: EE "Happy Station" (434 9/12 Grenier-CA)
 15185 1944 R. Nederland, Talata: AA mx, IDs (354 8/15 Watts-IN) Unlisted frequency? Not in my schedule. rfb.

MALAWI

• 3380 *0257 Malawi Broadcasting Corporation: Chichewa/EE w/ IS of rooster crowing thrice, ID as "MBC" into Chichewa pgm, afro mx, some EE ads, nx @ 0400 (322 8/30 Shepard-NY)

MALI

11960 1723 Radiodiffusion du Mali: FF w/ afro mx, 1730 QRM from stn sign/on (444 9/5 Bixby-CA)

MAURITANIA

4845 0605 Radiodiffusion Nationale Mauritanie: AA w/ chants (433 8/16 Redman-IL);(434 8/30 Jakubiak-MI);(222 8/8 Brookwell-CA); (333 @ 2210 in Vern 9/3 Butterfield-MA)

MOROCCO

6100 2211 Radiodiffusion Television Marocaine: AA chants mixing w/ DW Malta @ 2211, when checked at 2257 // 6170 (--- 8/29 Hauser-TN)
 6190 2202 RTVM: AA chants, tlks // 9615 (232 8/25 Miller-OH)
 11760 2040 VOA, Tangier: EE w/ "Music USA" (343 8/16 Fischer-CT)
 15205 1800 VOA, Tangier: EE w/ features in special English (343 8/24 Cohen-NJ)
 15330 1200 RTVM: AA chants, tlk // 15360 (322 8/29 Zilmer-WI)
 15360 1545 RTVM: AA chants w/ drums, tlk, ID @ 1459 "Rabat", afro drum w/ flute (333 9/7 Beal-WA);(333 8/28 Famularo-NJ)
 15415 1700 RTVM: AA w/ mx, tlk, changes to 15420 @ 1800-2200 (434 8/19* Bodell-OR) c.f. Algeria 15420 this Issue. Gentlemen? rfb.

MOZAMBIQUE

• 4923.3 1559 R. Mocambique: PP w/ afro mx, 1600 ID, tlk, 1618 afro mx, 1630 ID, more tlk and mx (332 8/26 Junqua-JAPAN)
 • 9622m 1530 R. Mocambique: PP w/ "A Program", lively mixture of afro mx w/ Portuguese influence (332 9/11 Snyder-CA);(333 1455 Bixby-CA)

NIGER

5020 *0529 Office de Radiodiffusion Television du Niger: FF w/ anthem, flute IS, ID "Ici Niamey", arabian chant, afro mx (243 8/16 Shepard-NY);(231 9/2 Kukan-NJ);(212 8/7 Baumgartner-ONT)

NIGERIA

3204 2300 Nigerian Broadcasting Corporation, Ibadan: EE nx, ID, 2305* (233 9/4 Shepard-NY)

NIGERIA (cont)

7275 0600 Voice of Nigeria (NBC): EE nx, afro mx (333 9/11 Grenier-CA);(443 0715 8/21 Redman-IL)
 15120 1810 VON (NBC): EE tlk, economic tlk, ID, country, mx, nx (333 8/28 Famularo-NJ)

RHODESIA

3306 0324 Rhodesia Broadcasting Corporation: Vern w/ drum IS, anthem, EE ID "African Service of the RBC", into Vern tlk (322 8/11 Baumgartner-ONT);(242 9/11 Snyder-CA)
 3396 0401 RBC: EE nx, "Baby Elephant Walk" song, ads (222 8/31 Estes-MS);(322 2112 8/10 Junqua-JAPAN)

RWANDA

7225 0440 Deutsche Welle, Kigali: EE nx (433 8/28 Redman-IL);(Watts-IN)
 15410 1158 Deutsche Welle, Kigali: EE w/ IS, nx, 1245* // 17765 (333) (222 8/30 Baumgartner-ONT);(Watts-IN);(Smith-AL)

SAO TOME E PRINCIPE

4807 2139 R. Nacional de Sao Tome e Principe: PP w/ Portuguese and afro mx (242 8/21 Miller-OH)

SENEGAL

4890 0621 Radiodiffusion du Senegal: FF w/ local mx, chants, lively afro mx (333 8/21 Snyder-CA);(333 0605 8/26 Redman-IL)

SEYCHELLES

9545 *0315 Far East Broadcasting Association: EE ID, into ancd Swahili pgm, new frequency? (222 9/5 Butterfield-MA)

SIERRA LEONE

3316 2330 Sierra Leone Broadcasting Service: EE w/ pgm on African nations, this one on Zaire, ID, 0000* (333 9/4 Shepard-NY)

SOMALIA

9585 2003 R. Mogadishu (SBS): Somali w/ mentions of Somalia and R. Mogadishu, local mx (544 8/25 Hambright-NJ);(343 2027 8/19 Kukan-NJ)

SOUTH AFRICA

3250 0300 SABC: EE w/ mx, ads, IDs, rock mx (333 8/18 Thompson-NM); (Redman-IL);(Beal-WA);(Famularo-NJ);(Kukan-NJ);(Butterfield-MA);(Jones-MS);(Pecenka-IN);(Mahaffey-OH)
 3285 2103 SABC: EE w/ nx, wx, ID @ 2110, rel pgm (333 8/10 Junqua-JAPAN);(Butterfield-MA)
 3955 1614 SABC: Afrikaans w/ mx, tlk, 1700 time pips, ID (322 8/14 Junqua-JAPAN)
 4875 0408 R. RSA: EE mx, ancmts, IDs, TC (444 8/12 Dulmage-ONT);(242 8/16 Miller-OH);(333 8/20 Thompson-NM)
 7170 0555 SABC: EE tlk, mx (533 8/14 Watts-IN)
 7185 0530 SABC: EE nx, ads (333 9/3 Redman-IL);(433 8/14 Watts-IN)
 7270 *0300 R. RSA: EE w/ IS, ID, nx (--- 9/6 Aston-OH)
 7285 0530 SABC: EE nx, mx, ads (433 8/17 Grenier-CA);(523 8/21 Watts-IN)
 9585 2230 R. RSA: EE w/ ID, fqys, nx (343 8/21 Shrader-OH);(Arnold-CA);(Dennis-IN);(Fischer-CT);(Smith-FL);(Garner-ONT);(Thompson-NM);(Miller-CA)Grenier-CA);(Cawthorne-ENGLAND);(Freed-QUE);(Rosinski-PA);(Earhart-PA)
 11740 1410 R. RSA: EE pgm (443 8/16 Somers-CA)
 11890 2230 R. RSA: EE w/ IS, ID, nx (444 8/30 Rojewski-WA);(444 8/29 Redman-IL)
 11900nf*2230 R. RSA: EE to NAM, back on old fqy, replaces 11890 (434 9/7 Orr-CO);(Naylor-CA);(Miller-OH);(Mahaffey-OH);(Grenier-CA);(Earhart-PA);(Zilmer-WI)
 15125 1020 R. RSA: EE w/ pop mx (332 8/15 Snyder-CA)
 15220 0611 R. RSA: EE w/ sign/on, mx, ID (Owsley-CA);(222 1310 9/6 Aston-OH)
 21535 1258 R. RSA: EE w/ IS, ID, nx (222 8/13 Araki-JAPAN);(454 1602 8/29 Odhner-PA)

SUDAN

7200 0400 R. Omdurman: AA w/ mx, tlk, low mod, under VOA, barely // 5039 (--- 8/30 Hauser-TN)
 11835 1505 R. Omdurman: AA chants, yl singing, ID @ 1514 (433 8/29 Beal-WA)

TOGO

5047 *0530 Radiodiffusion du Togo: FF s/on w/ hymn, ID, nx (333 8/10 Dulmage-ONT);(Redman-IL) at 2220+ by (Butterfield-MA);(Vecchiola-PA);(Famularo-NJ);(Wakisaka-JAPAN)

TUNISIA

7275 2251 Radiodiffusion Television Tunisienne: AA w/ mx, also at 0400 (422 8/14 Watts-IN);(433 2340 8/29 Redman-IL)
RTWT: AA w/ tlk, mx, vocals (444 8/27 Hambright-NJ)

15225 1756

UGANDA

9730 2033 Uganda Broadcasting Corporation: EE nx (333 9/3 Estes-MS); (333 2010 in U/lang 8/20 Bodell-OR)
15325 1800 UBC: EE nx, comtry, usual stuff if you know what Amin (322 9/2 Meehan-CT) Cute. rfb. (423 8/28 Hambright-NJ)

ZAIRE

15350 2150 La Voix du Zaire: FF pgm (434 9/6 Somers-CA) Details: (343 8/30 Orr-CO);(544 9/1 Jakubiak-MI);(433 9/10 Butterfield-MA);(343 8/15 Watts-IN);(333 8/31 Beal-WA)

-Clandestine-

CLANDESTINE

11695 *1623 Radio-ye Peyk-e Iran (Sofia): Farsi pgm s/on w/ IDs (323 9/2 Butterfield-MA);(253 1700 8/15 Famularo-NJ);(333 1700 8/7 Tannenwald-NY);(534 1720 8/21 Watts-IN)
12140 *1800 R. Espana Independiente (Bucharest): SS w/ chime IS, s/on, ID, nx, pol tlks, jammed (322 9/5 Famularo-NJ);(211 9/2 2110 Butterfield-MA);(322 2121 8/24 Gadouas-VT);(432 2155 8/21 Vecchiola-PA)

-Europe-

ALBANIA

5057 0440 R. Gjirokaster: Albanian w/ yl tlk, folk mx (222 8/7 Baumgartner-ONT)
6200 0350 R. Tirana: EE comtry (425 8/22 Willis-PA) Pgms @ 0230 and 0330 among others (Redman-IL);(Odhner-PA);(Watts-IN);(Smith-TN);(Estes-MS);(Smith-AL)
7120 0300 R. Peking via Tirana: EE to Nam (544 9/1 Watts-IN) (Redman-IL);(Thompson-NM);(Weltman-WI);(Earhart-PA)
7300 0135 R. Tirana: EE w/ nx (322 8/26 Redman-IL);(Watts-IN);(Odhner-PA);(Mercado-CA);(Rosinski-PA)

AUSTRIA

9770 *0130 R. Austria (ORF): EE s/on w/ "Report from Austria", no R. Austria ID hrd (444 9/8 Smith-AL);(Gadouas-VT);(Pecenka-IN)
15335 1830 R. Austria (ORF): EE nx to Eur (322 9/6 Zilmer-WI)

BELGIUM

9725 0038 RTB/BRT 4: EE w/ Listener's Letters (333 9/7 Rosinski-PA); (Fischer-CT);(Earhart-PA);(Beal-WA);(Smith-AL);(Odhner-PA)

BULGARIA

9700 0013 R. Sofia: EE w/ DX pgm (444 8/28 Gadouas-VT);(Mahaffey-OH);(Earhart-PA);(Bixby-CA);(Dulmage-ONT);(Watts-IN);(Redman-IL);(Shaw-PA);(Fowler-ONT);(Odhner-ONT);(Crible-ID);(Rosinski-PA);(Famularo-NJ);(Fischer-CT)
15310 2100 R. Sofia: EE w/ nx, local mx (--- 9/6 Zilmer-WI)

CZECHOSLOVAKIA

5930 *0300 R. Prague: EE w/ nx, mx (443 8/21 Lordo-SC);(Willis-PA);(Fischer-CT);(Odhner-PA);(Watts-IN)

DENMARK

15165 *1328 R. Denmark: Danish w/ IS, EE ID, into pgm to Greenland (343 8/15 Jones-MS) and at *1600 (Orr-BO);(Famularo-NJ);(Smith-AL);(Odhner-PA);(Mahaffey-OH)

FINLAND

15105 1330 R. Finland: EE "It's Saturday", this fgy this date only (343 9/4 Zilmer-WI);(444 9/4 Odhner-PA)
15110 1430 R. Finland: EE w/ feature on opera (433 8/7 Macris-MO);(Odhner-PA);(Earhart-PA);(Smith-AL);(Fowler-ONT);(Freed-QUE);(Lordo-SC)

FRANCE

11845 1630 R. France International: EE w/ competition winners // 11930, 15155,15200,15210,15300,15315,17720 (222 9/5 Zilmer-WI)

FRANCE (cont)

15155 1624 RFI: EE "Paris Calling Africa", nx (343 8/29 Owsley-CA); (Somers-CA);(Rosinski-PA);(Freed-QUE)
 15300 1408 RFI: EE "mini news flash(in usual France-Inter relay)for tourists, saying next one would be "9 o'clock tomorrow morn", thus 0700 GMT // 15265 (--- 8/29 Hauser-TN) Of course normal France-Inter programming is in FF, nice diversion.rfb. (353 @ 1638 w/ PCA in:EE 9/6 Earhart-PA)
 17720 1604 RFI: EE tlk // 17845,17855 (343 9/1 Odhner-PA);(333 9/1 Butterfield-MA)
 17720 1637

GERMAN DEMOCRATIC REPUBLIC

9755 2209 R. Berlin International: FF/Swed/EE/GG/Ital sked ancmnts to Eur (232 8/13 Orr-CO)
 9770 2200 RFI: EE/GG/PP/FF/Ital sked ancmnts (333 8/18 Fischer-CT)
 11890 0330 RFI: EE nx (323 8/16 Grenier-CA)

GERMANY, FEDERAL REPUBLIC OF

6185 0547 Deutsche Welle: EE w/ mentioning for listener's to comment on the length of the transmission! Thus it would seem the time is ripe for this token 20 min xmsn to WAM to be re-expanded to an hour or so, tnx to tip from R Allen-OK (--- 8/21 Hauser-TN) Well said. rfb. (Redman-IL);(Jones-MS)
 7115 0214 R. Free Europe: Hungarian pgm, jammed (412 9/7 Watts-IN)
 7190 0041* R. Free Europe: Czech/Slovak w/ IS that sounds like Czech HS (434 8/21 Watts-IN)
 7265 0354 Sudwestfunk: Ger w/ constant German songs, nx @ 0400 (433 8/18 Getzel-NY)
 17760 1755 R. Liberty: RR w/ yl tlk, mentions of R. Svoboda (232 9/3 Hammer-OH)

GREAT BRITAIN

5995nf 2345 BBC: PP w/ English by Radio", could be Ascension (444 8/30 Beal-WA) New relay? rfb.
 6055nf 0005 BBC: EE nx (322 8/30 Beal-WA);(343 0235 8/26 Earhart-PA)
 9410 1950 BBC: EE w/ short story (444 8/21 Redman-IL);(444 0115 8/20 Thompson-NM)
 15070 1400 BBC: EE w/ Comedy pgm (233 8/15 Garner-ONT);(353 1445 8/28 Famularo-NJ);(455 8/16 Watts-IN)

GREECE

9760 *0015 Voice of Greece (EPT): EE s/on w/ fqys, nx (333 9/10 Gross-VA);(Smith-AL);(Orr-CO);(Watts-IN);(Redman-IL);(Odhner-PA)

HUNGARY

6000 0305 R. Budapest: EE w/ nx (323 8/14 Fischer-CT);(Hauser-TN)
 7215 0200 R. Budapest: EE nx, comtnry, mx (533 8/13 Garner-ONT); (Rojewski-WA);(Mercado-CA);(Fischer-CT);(Odhner-PA)

ITALY

9575 *0100 Radiotelevisione Italiana: EE w/ nx, 0120* (433 8/19 Lordo-SC);(Odhner-PA);(Thompson-NM);(Smith-AL);(Rosinski-PA); (Birby-CA);(Gaduas-VT)
 9710 0135 RAI: PP w/ mx, ID, to LAM (222 8/12 Stuart-MA)
 11905 2200 RAI: EE w/ nx, mx (433 9/7 Zilmer-WA)

LUXEMBOURG

6090 0000 R. Luxembourg: EE w/ ID, nx, ads (433 9/2 Odhner-PA); (Garner-ONT);(Fischer-CT);(Famularo-NJ);(Gross-VA)

MALTA

6100 0130 Deutsche Welle, Cyclops: EE nx, mx (333 9/4 Wyllie-MA); (433 8/22 Redman-IL);(433 9/22 Dulmage-ONT);(544 9/2 Odhner-PA);(333 8/18 Thompson-NM);(333 9/11 Sapsford-ENGLAND)

MONACO

7105 0730 Trans World R.: EE rel pgm (333 9/11 Gross-VA);(323 0745 8/19 Watts-IN)
 7110 *0625 TWR: EE w/ s/on, rel pgm (323 9/6 Smith-AL);(222 9/2 Odhner-PA)

NETHERLANDS

9715 2130 R. Nederland: EE w/ "His and Hers" (535 9/8 Smith-AL); (Earhart-PA);(Shrader-OH);(Odhner-PA);(Rosinski-PA)

NORWAY
15175 1600 R. Norway: EE nx, 250 kw, @ 1615 abrupt off w/ xmtr problem
// 17795, 21655. (443 9/5 Zilmer-WI); (Orr-CO); (Freed-QUE);
(Rojewski-WA); (Somers-CA); (Jones-MS); (Shaw-PA); (Crabbe-ID);
(Meehan-CT)

POLAND
9540 *1600 Polish R.: EE w/ ID, nx, to Eur (333 9/2 Odhner-PA); (344
8/20 Shepard-NY); (222 8/17 Garner-ONT)

PORTUGAL
6025 *0230 R. Portugal (ENR): EE s/on (433 8/29 Gadouas-VT); (Odhner-
PA); (Redman-IL); (Garner-ONT); (Fischer-CT); (Dulmage-ONT);
Watts-IN); (Earhart-PA)

ROMANIA
5990 0130 R. Bucharest: EE nx, commtry (343 8/16 Lordo-SC); (Beal-WA)
15365 *1428 R. Bucharest: U/lang w/ nx, mx (453 8/18 Makishima-JAPAN)

SPAIN
9505 2035 R. Nacional de Espana: EE nx (322 9/4 Famularo-NJ); (Watts-
IN); (Fischer-CT); (Odhner-PA); (Cawthorne-ENGLAND)

SWEDEN
11705 2320 R. Sweden: EE w/ commtry, folk mx (333 8/9 Miller-CA);
(Lordo-SC); (Hammer-OH); (Dulmage-ONT); (Freed-QUE); (Somers-
CA); (Fischer-CT)

SWITZERLAND
6135 *0145 SBC: EE nx (333 9/1 Wallman-MN); (Beal-WA); (Rosinski-PA);
(Iull-MI); (Smith-AL); (Redman-IL); (Smith-TN)
9590 2120 SBC: EE tlk (344 8/23 Benson-VA); (Shaw-PA); (Odhner-PA)
(Fischer-CT)

UNION OF SOVIET SOCIALIST REPUBLICS

5940 0215 First Program: Russ w/ exercises (423 9/14 Butterfield-MA)
7150 2300 R. Moscow, Serpukhov: EE to NAM (444 9/10 Legge-VA); (Watts-IN)
7390 0305 R. Kiev: EE w/ mailbag (433 8/22 Redman-IL); (Watts-IN)
9720 1905 R. Moscow, Ryazan: EE to Britain (252 8/22 Fowler-ONT); (444
8/28 Gadouas-VT); (332 8/14 Fischer-CT)
12000 0300 R. Yerevan, RMF: Arm/EE pgm, EE 0324-0330 (343 8/22
Thompson-NM)
0330 R. Moscow, RMF: EE w/ mailbag (554 8/18 Arnold-CA)
(N.B. Where listed, sites in RSFSR European; where not,
located anywhere in USSR. RMF = R. Moscow Facilities.)

Byelorussian SSR:
9785 1800 R. Minsk: Byeloruss. w/ IS, ID, nx (343 9/4 Wakisaka-JAPAN)

Ukrainian SSR:
15455 2026 Radiostantsiya Rodina, Simferopol': RR w. intvw (555 8/15
Watts-IN)

VATICAN STATE
9645 2030 R. Vaticana: EE rel pgm (343 9/5 Zilmer-WI); (333 8/16
Garner-ONT); (444 8/21 Redman-IL)

YUGOSLAVIA
9620 *2200 R. Belgrade: EE s/on, nx (433 9/5 Smith-AL); (Odhner-PA);
(Famularo-NJ); (Kukan-NJ); (Gadouas-VT); (Pecenka-IN); (Redman-
IL)

EUROPE/AFRICA ROUNDUP:

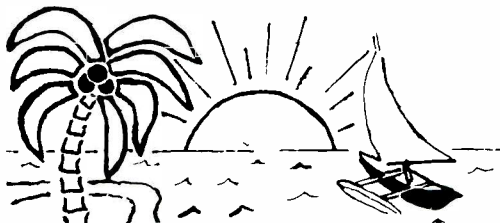
Ciao! My thanks to a record tying number of contributors, 75, who
supplied far and above the most loggings ever received here, for that matter
by any SPEEDX editor. As usual, thanks also to this great group of new
reporters: Takehiro Araki, Bill Arnold, Don Aston, Wayne Czernicki, Bill
Dulmage, Aaron Gadouas, John Garner, Bob Lordo, Tony Orr, Francis Rosinski,
Jan Shrader and Satooshi Wakisaka. Have never reported?? Get to it!

Well, the Boston Area DXers had another get-together at Americas
Editor, Jim Whitehead's house. Those members of the pioneer in regional
get-togethers attending included, besides Jim and wife: Hank Michalenska,
Mark Zimarowski, Mark Scannell, Ken Compton, Bob Wirrell, Peter Schpelliti,
Al Brooks and wife, plus myself. The usual DX Club talk, DXing chatter,
and what-all occurred, plus an interesting talk on Hank Michalenska's recent
visit to CHU. The highlight of the meet was a round robin Air Hockey
tournament. It's relevance to DXing is somewhat dubious, but Al Brooks
referred to propagation a lot! Game one, the premier match of the series
was between Al "Nasty Nastasse" Brooks vs Bob "The Terror" Wirrell. Al won
in overtime, 19 to 17.

73, Bob

ASIA-OCEANIA

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



DEADLINE: 15th of the month

FREQ TIME SIO LOCATION

AFGHANISTAN

4775 *0130 141 OR R. Afghanistan: weak w/ Qur'an after s/on (Bodell 9/18)
15390nf 1000 --- ENG RA: AA w/ IS, ID, nx, mx, ex 15195 (Sapsford ???)

BRUNEI (Brunei)

7215 1400 --2 CA RB: EE ID, info pgrm, mx (Cleveland 8/24)(Dalrymple AUST)

BURMA

5038 1150 232 OH BBS: Burm. w/ Oriental mx, tlk (Miller 9/4)Naylor CA

CAMBODIA (Kampuchea)

4907t 1110 252 OH R. Demo. Cambodia: continuous sing song mx (Miller 9/6)

CHINA (Zhongguo)

2340 1317 553 BC Fujien 1: CC tlk between YL/OM (Newell 8/15) CA)
2430 1321 332 BC PLA 2 Amoy tlk, vocals, // 2600 (Newell 8/15)(Cleveland
2476 1144 333 OR Hangzhou 1: CC tlk by YL (Bodell/Trochimczyk 8/26)
3000 1354 --3 CA PLA 1: CC tlk by OM/YL (Cleveland 9/7)
3200 1324 543 BC PLA 2: Amoy tlk, // 2430, 2600 (Newell 8/15)(Cleveland)
3260 1250 343 CA Guiyang w/ classical mx, CC tlk (Snyder 8/15)(Newell BC)
3400 1334 544 BC PLA 2: Amoy tlk, vocals, // 3200 (Newell 8/15)(Cleveland)
3450 1332 544 BC CPBS 1: CC play, 1.5 KHz het (Newell 8/15)
3500 1245 333 WA R. Peking: CC drama, w/ dragons, mx, chatter (Beal 8/20)
3535 1300 433 WA PLA 1: CC tlk, opera (Beal 8/20)(Newell BC)(Cleveland CA)
3940 1340 --2 CA Wuhan w/ CC/EE language lessons (Cleveland 8/30)
3970 ???? --2 CA Huhehaote w/ CC mx, ARO QRM (Cleveland 8/30)
4068 1333 --3 CA Huhehaote w/ Mongolian dramatics, ram's horn (Cleveland)
4110 *1300 243 OR Wulumuqi relay Peking w/ IS, ID, RR tlk (Bodell/Troch.)
4330 1350 --3 CA PLA 1: CC tlk by OM (Cleveland 8/18)
4380 1245 333 CA CC opera, 6 time pips, nx? (Naylor 8/20)(Cleveland CA)
4460 1406 232 BC CPBS 1: CC tlk, RTTY QRM (Newell 9/7)(Cleveland CA)
4620 *1200 343 CA RP: IS, CC tlk on Mao's death (Snyder 9/10)
4915 1350 422 WA Nanning w/ EE lessons, CC opera (Beal 9/7)(Newell BC)
4924 1403 422 BC Ha'erbin w/ CC opera, Indo het. (Newell 9/15)
4975 1400 433 BC Fuzhou 1: CC tlk by YL, ID (Newell 9/5)
5010 1340 222 CA Nanning 2: CC tlk by OM, Singapore QRM (Miller 8/22)
5075 1110 222 CA Beijing 2: CC tlk, mx (Snyder 8/15)(Miller CA) -CPBS-
5172 1130 343 CA PLA 2: Amoy dramatics, mx, // 3900, 4840 (Snyder 8/15)
5240 1124 343 CA PLA 1: CC melodic mx w/ YL/OM (Snyder 8/15)
5265m 1030 222 MA PLA 1: CC tlk, mx, // 5170 (PLA 2) (Butterfield 9/8)
5950 1418 443 BC Ha'erbin w/ CC vocals, tlk, ID, 1430* (Newell 8/28)
6130 2353* 232 NJ RP: SS tlk, CC mx, ID, "Internationale" (Famularo 8/22)
7504 1442 444 BC CPBS 1: CC orch. w/ opera (Newell 8/28) 聲之國中由自
7775 1445 544 BC CPBS 2: CC orchestral mx (Newell 8/28)
9470 2300 544 IN RP: Indo to SEA, ID, 2330 into SS (Watts 8/14)
9600 1230 332 CA Wulumuqi: hilarious CC drama, HA QRM (Snyder 8/24)
9785 0100 322 WI RP: EE nx, cmtry, mx, 0157 (Zilmer 8/30) unlisted, reb
9820 *0100 434 MN RP: EE nx, cmtry (Wallman 8/30)
9860 1455 343 CA RP: EE nx, cmtry, mx (Naylor 8/22)(@ 1800 Harding 8/15)
9940 0200 222 NY RP: EE w/ special pgrm on Mao's death (Shepard 9/10)
9945 *1330 444 CA RP: unid tlk w/ "Daii Nagai Haakin" annx (Naylor 8/13)
9960 0930 444 JPN RP: JJ nx, cmtry, CC mx (Araki)

CHINA (continued)

11650 1510 222 OH RP: EE tlk by OM (Aston 9/5)(SS @ 0135 Famularo NJ)
 11685 1240 444 ONT RP: EE w/ "Let's Learn to Speak Chinese" (Dulmage 9/7)
 11945 0150 --3 OH RP: EE tlk, "Internationale", 0156* (Aston 9/8)
 15060 0149 333 NJ RP: EE w/ lang lessons Mon. & Wed. (GMT?) (Kukan 8/31)
 (Gross VA)(Trautschold WI)(Fischer CT)(Shaw PA)(Somers CA)(Famularo NJ)(Rojewski WA)(Watts IN)(Thompson NM)...
 15080 0226 252 IN RP: SS to LA, CC mx (Watts 8/20)(@ 2343 Mercado CA)
 15085 *1231 332 NJ RP: SS w/ "East is Red", ID, nx (Famularo 9/7)
 15095 0045 353 WI RP: SS to LA (Trautschold 9/9)(PP @ 0044 Watts IN) hmmm!

CYPRUS

6180 2315* 322 ONT BBC-Limassol: EE nx, cmtry (Baumgartner 8/29) **BBC**
 11820 1945 433 WA BBC-Limassol: EE ID, "The Beat is Black" (Rojewski 8/19)
 15105 1635 232 WA BBC-Limassol: EE drama, then into Turkish; etc. (Beal)
 15420 *0400 253 CA BBC-Limassol: EE w/ world nx, press tlk (Harding 8/15)

DOECANESE ISLANDS

7205 2130 434 NJ VOA-Rhodes: EE w/ "Survey of American Cmtry" (Hambright)

INDIA

4920 1645 222 JPN AIR Madras: Tamil? tlk, local mx, ID (Wakisaka 9/2)
 6145 1330 232 PA AIR Delhi: tlk in unid lang, local mx (Shaw 8/30)
 7195 1535 343 JPN AIR Delhi: EE w/ nx, ID, cmtry on tea (Wakisaka 9/4)
 7260 0133 222 OR AIR Madras: South Indian mx, annx by YL (Bodell 9/14)
 9525 1823 333 NJ AIR Aligarh: EE w/ nx, cmtry, Indian folk mx (Kukan 9/11)
 (@ 2015 Shaw PA)(@2100 Crews FL)(@ 2114 Meehan FL).....
 11740 2200 322 WI AIR Delhi: EE nx, cmtry, mx, // 9525 (Zilmer 8/21)
 11810 1500* 333 CA AIR Aligarh: EE nx, ID, closing annx (Snyder 9/12)
 15080 1730 353 CA AIR Bombay: Gujarati (WRTH) tlk to Afr. (Harding 8/15)
 15205 1000 333 ENG AIR Delhi: IS, ID, EE nx, cmtry (Sapsford 8/30)

INDONESIA (Indonesia)

2456 1315 333 JPN unid RRI w/ Love Ambon @ 1400* or later (Junqua 8/24+)
 3055 1405 222 JPN RKPDK-Sampang: Indo nx, mx, IS, RRI nx (Wakisaka 8/30)
 3120 1400* 222 JPN RRI Dili: from 1000 f/in, ID sounds like RRI Dili or
 RRI Dillimoon Kotamadya (Wakisaka daily) ex East Timor
 3241 1348 --2 CA RRI Ambon: Indo w/ local mx, CW QRM (Cleveland 9/7)
 3250 1345 --2 CA RRI Banjarmasin: Indo pop mx (Cleveland 9/7)
 3344t 1345 --2 CA RRI Manokwari: OM tlk in Indo, heavy QRM (Cleveland 8/16)
 3385 1345 --2 CA RRI Kupang: Indo tlk by OM, het. (Cleveland 8/12)
 3800t 1335 --1 CA RKPDK Jember: local vocals, no ID (Cleveland 8/13)
 3850 1242 232 OR RRI Dili: soft instrumentals (Bodell/Trochimczyk 8/26)
 3893t 1341 --1 CA RPKD Sidoarjo: Indo w/ local mx, ARO QRM (Cleveland 8/13)
 3905 1335 --2 CA RRI Palangkaraya: Indo w/ local vocals (Cleveland 8/10)
 3960t 1345 --1 CA RRI Padang: Indo w/ local mx (Cleveland 8/30)
 3965 1345 --2 CA RRI Pontianak: local Indo songs, heavy QRM (Cleveland)
 3975 1348 --2 CA RRI Surabaya: Indo w/ local mx, ads (Cleveland 8/23)
 4000t 1300 444 WA RRI Kendari: Indo w/ organ mx, annx, no ID (Beal 9/7)
 4698 1400 333 CA RKIP Surabaya: Indo mx, 1400 nx (Snyder 8/26)
 4719 1340 --3 CA RRI Ujung Pandang: Indo w/ tlk by OM (Cleveland 8/14)
 4855 1335 --2 CA RRI Palembang: Indo w/ tlk by OM, het. (Cleveland 8/17)
 4871 1335 333 WA RRI Sorong: Indo w/ C&W, pop mx, 1335 ID (Beal 9/7)
 5047 1402 --2 CA RRI Yogyakarta: Indo w/ speech by OM (Cleveland 8/16)
 5987 1351 --2 CA RRI Manado: Indo w/ local orchestral mx (Cleveland 8/17)
 6070 1035 333 OR RRI Jayapura: Indo tlk, Latin mx (Bodell/Trochimczyk)
 7070 1200 242 CA RRI Jakarta: Indo w/ pop mx, IS (Nebron 9/1)/Trochimczyk)
 7296 0954 242 OR RRI Manado: Qur'an, violin mx, annx, // 5987 (Bodell/
 RRI Jayapura: Indo w/ pop mx, IS, ID per Junqua (Miller)
 9613 1128 322 OH V. of Indonesia: Malay? w/ annx, inst mx (Snyder 8/15)
 9710 1340 242 CA
 11789 *1100 232 VA VOI: EE pgrm, also @ 1400 (Gross 9/11)(Jakubiak MI)
 (Shepard NY)(Dalrymple AUST)(Bixby CA)(AA Hambright NJ)

IRAN

9022 *2000 322 NJ VOI: IS, ID, EE nx, mx (Cohen 8/27)(Shepard NY)(Miller
 OH)(Famularo NJ)(Farsi @ 2225 Pecenka IN).....
 11770 1830 323 OR VOI: AA pgrm to 1900, into Germ., 1930 Fren.(Bodell)
 15084 1930 354 IN VOI: Farsi nx, Persian mx (Watts 8/15)(@.1724 Famularo
 NJ)(@ 1831 Mercado CA)(@ 1945 Crews FL).....
 15135 1930 434 MI VOI: Farsi? w/ mx, OM annx (Jakubiak 8/17)

IRAQ
 9745 2030* 333 NJ R. Baghdad International: EE chants, ID, anth (Famularo)
 9758 2015 444 IN RBI: EE pgrm, 2030 Germ. on 8/19, not since (Watts)
 11785 1643 333 OH RB Salmon Pak: AA w/ Armed Forces pgrm (Miller 8/22)
 15400 2020 333 IN RB Salmon Pak: AA Home svce w/ tlk, mx (Watts 8/20)

R. B. I.

Israel Broadcasting Authority (NJ)

ISRAEL
 7412 2230 --- TN IBA: EE to NA w/ good signal (2230-2300) (Hauser)(Cohen)
 9009 2000 332 NJ IBA: EE to Africa, nx, IDs (Kukan 9/10)
 9345 2300* 443 FL IBA: EE w/ press review (Smith 8/8)
 9355nf 2200 333 WI IBA: Hebrew Home svce w/ tlk, mx, ex 11602 (Zilmer 9/6)
 9425 2000 222 WI IBA: EE to Europe, // 7412, 9009, 9815, 17685 (Zilmer)
 9435 2230 ??? WI IBA: EE to NA, // 7412, 9815, 11625 (Zilmer ???)(Fischer CT)(@ 0505 Watts IN)(@ 0510 Dalrymple AUST).....
 9815 2018 444 NJ IBA: EE w/ IDs, top pops (Kukan 9/2)(Watts IN)(Famularo NJ)(Thompson NM)(French @ 2220 Fischer CT).....
 11602 2130 454 OH IBA: Hebrew Home svce (Hammer 9/1)(Fischer CT) now 9355
 11625 2230 544 ONT IBA: EE w/ Friday pgrm (Garner 8/13)(Harding CA)(Fischer)
 11645 1956 343 ONT IBA: EE nx after s/on (Dulmage 8/21)(Grenier CA)(Beal WA)(Fischer CT)(Owsley CA)(Snyder CA)(@ 2235 Rosinski PA)(Bixby CA)(Thompson NM)(French @ 2046 Watts IN).....
 11745nf 2000 444 ENG IBA: EE on unlisted freq, // 11775, 9815(Sapsford 9/11)
 12045 *2200 252 CA IBA: French tlk (Harding 8/16)(EE @ 0500 Dalrymple AUST)
 15100 1223 454 PA IBA: EE nx, ads (Earhart 9/8)(@ 2005 Watts IN)
 15405 2025 444 IN IBA: EE pgrm (Watts 8/20)
 15485 1830 443 IN IBA: Hebrew pgrm, 1935 RR pgrm (Watts 8/21)
 15490 1730 443 CA IBA: Hebrew tlk by OM, mx (Dawson 8/12)
 15512 1830 333 WI IBA: Hebrew Home svce, tlk, cmtry, nx (Trautschold 8/22)
 17685 1204 433 NY IBA: EE tlk, nx, wx, ads (Getzel 8/31)(Famularo NJ)

JAPAN (Nihon)

3910 0955 322 WA FEN: ABC nx, 1000 ID (Beal 8/26)(Bixby CA)(Miller CA)
 3925 0940 333 WA NSB: EE tlk by YL (Beal 8/26)(JJ @ 1355 Cleveland CA)
 5990 1258 343 NM R. Japan: EE w/ ID, IS, cmtry, 1315 JJ (Thompson 8/18)
 6005 1415 343 CA NHK Nagoya: JJ w/ YL playing French mx (Snyder 8/15)
 6055 1352 --3 CA NSB: JJ w/ fast tlk by YL (Cleveland 8/25) NM
 9505 1600 343 CA RJ: EE w/ Asian nx, "Current Topics" (Grenier)(Thompson ONT)
 9585t 1304 323 PA RJ: EE w/ nx (Rosinski 9/4)
 9595 1532 454 CA NSB: EE tlk, mx, ads (Somers 8/21)(JJ @ 1135 Baumgartner)
 9670 1630 242 CA RJ: EE nx, tlk, mx (Harding 8/21)(Dalrymple AUST)
 9675 1140 222 ONT RJ: EE tlk, ID, 1145 into Malay (Baumgartner 8/18)
 11705 2350 222 OH RJ: EE nx to NA, ex 15270 (Miller 9/5)(Zilmer WI)
 11780 1240 333 CA RJ: Vietnamese cmtry by YL, mx (Miller 8/21)
 11815 1600 343 CA RJ: EE w/ Asian nx (Grenier 8/28)(Somers CA)(Miller CA)
 15105 *0100 --3 OH RJ: EE w/ IS, ID, nx (Aston 9/8)(Shrader OH)(Jakubiak MI)(Arnold CA)(Somers CA)(Miller CA)(Owsley CA).....
 15195 0100 544 CA RJ: EE to NA, SS @ 0230 (Arnold 9/7)(Kukan NJ)(Watts IN)(Naylor CA)(Cleveland CA)
 15300 0030 342 MS RJ: EE to NA, w/ "Let's Learn JJ", now // 11705 (Estes 8/20)(Trautschold WI)(Aston OH)(Kukan NJ)(Shrader OH)
 15310 0300 222 OH RJ: EE/JJ to Europe w/ cmtry (Shrader 8/20)(Odhner PA)
 15420 0145 343 NM RJ: EE w/ "Current Topics", press review (Thompson 8/21)
 17825 0100 343 CA RJ: JJ w/ nx (Grenier 8/15)

RADIO JAPAN

JORDAN (Al-Urdunn)

9560 1558 243 NY HKBS: EE ID, nx, pop mx (Shepard 9/5)

KOREA, D. P. R. (Choson Minjujuui In'min Konghwaguk)

2850 1353 --2 CA R. P'yongyang: KK w/ choral mx (Cleveland 8/16)
 3015 1344 --3 CA RP: JJ to Japan w/ singing (Cleveland 8/17)
 3560 1326 534 BC RP: EE cmtry on Korea (Newell 8/15)(Beal WA)(Miller CA)
 4273 1340 --2 CA KCBS: KK tlk by OM, CW QRM (Cleveland 9/7)
 7203 1017 332 MS RP: EE political cmtry (Jones 8/22)(Estes MS)(Zilmer WI)
 7580 0630 333 CA RP: EE cmtry, mx, Moscow QRM (Arnold 9/5) 8/27
 9370 1350 433 WA RP: tlk by YL in unid lang, KK mx, anthem, off (Beal)
 9420 1245 333 CA RP: EE w/ cmtry (Miller 8/22)
 9510 1130 433 WI RP: tlk in unid lang, choral mx (Zilmer 8/18)
 9768 1500 332 CA RP: KK tlk (Snyder 9/4)(EE @ 1000, ex 9420, Zilmer 8/20)
 9977 1800 233 CA RP: EE ID, tlk, nx (Harding 8/15)
 11535 1140 342 WI RP: JJ to 1150, CC @ 1200, // 9510 (Zilmer 8/18)
 11780 0300 555 JFN RP: JJ w/ nx, cmtry (Araki 8/2)

D. P. R. K. (continued)

15630 *2300 444 CA RP: EE w/ ID, freqs, tlk, mx (Harding 8/14)
15650 *2200 443 WI RP: KK? tlk by YL, choral mx (Zilmer 8/30)

KOREA, REP. OF (Taehan-Min'guk)

B. YEJANG-DONG, CHUNG-KU
SEOUL KOREA

7150 0820 422 WA R. Korea: Indo w/ cmtry, IDs (Beal 8/30)
9600 1000 544 CA RK: EE w/ IS, ID, nx, mailbag (Arnold 8/24)(Bixby CA)
9635 1130 322 WI RK: EE nx, KK mx, QSL info, 1200 KK (Zilmer 8/21)
9640 1530 444 CA RK: EE nx, cmtry, mx of Korea (Grenier 8/22)(Somers CA)
9720nf 1620 222 WA RK: EE annex of new freq in KK (1620-1740) (Beal 9/1)
11745 1010 333 WI RK: EE nx, mx (Woltman 8/24)
11830 1900* 554 CA RK: EE nx by YL, mx, cmtry (Arnold 9/5)
11860 1135 222 ONT RK: EE nx, cmtry, KK mx, 1159* (Baumgartner 8/14)(@ 0408
Rojewski WA)(@ 0420 Brookwell CA)(@ 1829* Trautschold WI)

KUWAIT

KUWAIT

11845 1857 322 ONT RK: EE pop mx (Garner 8/15)(Cohen NJ)(Shaw PA)(Famularo NJ)

LAOS (Lao)

4602 1257 131 OR Xieng Khouang Provincial Sta: Laotian mx (Bodell/Troch.)
6200 1057 --- TN NRBS: Lao tlk after mx, march mx (Hauser 8/29)(Snyder CA)

Radio Liban

LEBANON

11695nf 2055 333 ENG Beirut Radio: s/on varying to 2045, AA mx, nx, pop mx
2300*, ex 11785 (Sapsford 9/1)(Zilmer WI)(Bodell OR)...

MALAYSIA (Malaysia)

3915 1345 --2 CA BBC Tebrau: Burmese tlk by OM, ARO QRM (Cleveland 8/24)
4945 1410 222 WA R. Malaysia Kuala Lumpur: EE tlk, ID as KL (Beal 9/7)
7180 1245 333 NM BBC Tebrau: EE tlk on lang lessons, CC @ 1300 (Thompson)
9750nf 1520 343 CA RM Penang: B. Malaysia w/ Qur'an, // 9515 (Snyder 9/12)
11750 1600 343 NM BBC Tebrau: EE w/ TC, world nx, 1615* (Thompson 8/16)
11900 1200 242 CA Suara Malaysia: CC tlk by YL, Malay mx (Snyder 8/21)
15435 *2300 232 CA BBC Tebrau: EE w/ World Svce w/ nx (Harding 8/15)

MONGOLIA (Mongol Ard Uls)

8/26

4762 1140 221 CA UBR: Mong operatics, tlk, 1200 RM relay, // 5053 (Snyder)

NEPAL (Nepal)

3425 1236 242 OR R. Nepal: OM singing in Nepali (Bodell/Trochimczyk 8/26)
5007 1440 433 CA RN: Nepali w/ chanting (Bixby 8/24)

PAKISTAN

4785 1704 333 JPN RP Karachi: EE w/ YL giving ID (Junqua 8/26)
7080 2100 253 NJ RP Karachi: Urdu w/ chants, mx, annex (Famularo 9/4)
7089v 0130 343 OR RP Karachi: Pakistani mx, Urdu annex by YL (Bodell 9/14)
9445 2118 403 NJ RP: EE nx, mx, cmtry, 2146* (Kukan 8/22)(Crews FL)
9660 1800 222 WI RP: Turkish tlk, IS, ID, 1815-20 EE nx (Zilmer 8/18)
11672 2146* 434 MI RP Karachi: EE nx (Jakubiak 8/18)(Urdu @1850 Watts IN)
(@ 2100 Baumgartner)(@ 2020 Fischer CT)(Tannenwald NY)
15110 1115* 233 PA RP Islamabad: 15 min. of EE nx (Shaw 8/31)
17665 1639 433 NY RP Isl. w/ EE to 1645* (Getzel 8/30)(Baumgartner ONT)
17750 0930 242 ENG RP Karachi: EE nx, cmtry, mx (Sapsford 9/18)



PHILIPPINES (Pilipinas)

3286 1310 323 OR PBS: EE tlk by OM, CW QRM (Bodell/Trochimczyk 8/26)
3345 1320 332 CA FEBEC: EE/Tagalog relig tlk (Snyder 8/21)(Newell BC)
7225 1245 444 NM FEBEC: Indo tlk, mx, 1300 into JJ (Thompson 8/31)
9580 0942 433 CO VOP: EE w/ "Let's Speak Filipino" (Orr 8/21)(@ 0900
Mullen MT)(@ 0710 Miller CA)(@ 1630 Rojewski WA).....
11855 1550 332 CA FEBEC: EE relig. pgrm, WRTH shows *1630 (Snyder 9/12)
11890 0939 333 CA FEBEC: EE nx by OM, 0940 ID (Bixby 9/6)
15235 1242 353 AUST FEBEC: EE w/ "Spotlight on The Philippines" (Dalrymple)
15290 *2200 242 NJ VOA Tinang: nx in special EE (Cohen 8/29)(Fischer CT)
15390 2310 242 NJ VOA Tinang: CC w/ EE lessons, ID, 0030* (Famularo 9/5)
15440 2345 232 CA FEBEC: EE religious tlk (Harding 8/16)
17750 *0230 353 CA UN Radio via Tinang: EE w/ "This Week at the UN"(Harding)

RYUKYU ISLANDS (Nansei-Shoto)

7165 *1059 322 FL VOA Okinawa: IS, ID, EE nx (Crews 9/7)(@ 1245 Thompson)
11830 0030 433 WI VOA Okinawa: EE science pgrm (Zilmer 8/28)(Rojewski WA)

SABAH (Sabah Malaysia)
4970 1357 --2 CA R. Malaysia Sabah: B. Malay. tlk, ID (Cleveland 8/24)

SARAWAK (Sarawak Malaysia)
4895 1354 --2 CA R. Malaysia Sarawak, Kuching: Iban tlk by OM (Cleveland)
5005 1457 232 CA RMS Sibiu: Iban w/ EE pop mx, ID (Nebron 9/11)(Cleveland)
5030 1356 --3 CA RMS Kuching: Bidayuh tlk by OM, het. (Cleveland 8/18)
6060 1406 333 OR RMS Miri: relay Kuching in Iban, // 3385 (Sibu), 5005 (Sibu), 4895 (Kuching), 7270 (Kuching)(Bodell/Trochimc.)
7145 0945 323 OR RMS Kuching: BM tlk by YL (Bodell/Trochimczyk 8/25)
7160 0940 343 OR RMS Kuching: CC tlk, ID (Bodell/Trochimczyk 8/25)

SAUDI ARABIA 8/27+)
8130 2300 444 MA BSKSA: AA w/ special Ramadan pgrm, // 7110 (Butterfield
11715 1700 333 MA BSKSA: AA nx, mx, IDs (Wyllie 9/4) daily
11940nf 1650 434 OR BSKSA: AA to 1700, Qur'an (1700-1900), ex 15245 (Bodell

SINGAPORE (Singapore)
5052 1405 --2 CA R. Singapore: EE w/ pop mx w/ YL, het. (Cleveland 8/16)
9635 1415 333 OR RS: CC tlk, accordian mx (Bodell/Trochimczyk 8/26)
11940 1532 332 ID RS: EE nx, mx (Crabble 8/31)(@ 1050 Snyder CA)(Sapsford)

SRI LANKA Sri Lanka Broadcasting Corporation
9720 1520 333 CA SLBC: EE w/ play, classical mx, ID (Naylor 8/15)
11900 0135 252 AUSTR SLBC: EE w/ "Back to the Bible" (Dalrymple)
11835 1445 332 CA SLBC: Tamil mx, TPs, ID, VOA Colombo QRM (Snyder 8/29)
15425 1600 444 ENG SLBC: EE relay BB nx, then mx, // 9720 (Sapsford 9/1)

TAIWAN (Taiwan) 聲之國中由自
15270 2300 342 WI VOFC: KK tlk, mx, 2330* (Zilmer 8/20)
15425 0325 444 CO VOFC: EE "Let' Learn CC", 0400* (Orr 8/21)(Estes MS)
17800 1100 354 TN VOFC: CC, 1059 IS, EE mx, Indo mx, via LP (Hauser 8/29+)
17890 *1900 333 CA VOFC: EE nx, mx, cmtry (Harding 8/15)

TURKEY THE VOICE OF TURKEY
9515 & 2200+ 444 PA VOT: EE w/ "DX Corner", ID (Odhner 8/28)(Kukan NJ)
11880 (Garner ONT)(Dulmage ONT)(Hammer OH)(Pecenka IN)(Watts IN)(Fischer CT)(Rosinski PA)(1845 Turk. Tannenwald NY)

U. S. S. R. (ASIATIC AND UNKNOWN SITES) 8/20
4030 1225 333 CA Anadyr w/ Mayak pgrm, classical mx, 1230 ID (Naylor
4040 1345 --3 CA Vladivostok? w/ Mayak pgrm, US pop mx, 1400* (Cleveland)
4102 1340 --2 CA unid Russian? w/ Oriental mx, RR? tlk (Cleveland 9/3)
4115 1345 --3 CA unid Russian? w/ RR dialect, not Korean (Cleveland 9/2)
4395 1354 --1 CA Yakutsk w/ Mayak pgrm, RR vocals, IS, // 7310 (Cleveland)
4485 1345 --3 CA Petropavlovsk Kamchatskiy w/ R. Moscow in RR (Cleveland)
4610 1340 --3 CA Khabarovsk w/ RM in RR w/ a play (Cleveland 8/25)
5015 1816 131 CA Vladivostok w/ Mayak 2, mx (Bixby 8/25)(@ 1824 Newell BC)
6190 1345 --2 CA Novosibirsk? w/ 3rd pgrm, RR pop mx, cl mx (Cleveland)
7100 1828 433 CA Yakutsk w/ RM, classical mx, 1830 IS, // 7200 (Bixby)
7105 0300 434 WI RM via ? w/ EE nx, "Thinking Out Loud" (Woltman) Euro?
7110 1830 523 BC Nikolayevsk w/ RM in CC, tlk (Newell 8/22)
7185 1830 534 BC Mayak pgrm via ?, IS, ID "Miyaki Programm" (Newell 8/22)
7285 1351 434 CA Nikolay. w/ RM in CC or KK, 10 note FS ID (Naylor 8/8)
7290 1833 543 BC Mayak via ? w/ RR chatter, SSB QRM (Newell 8/22)
7300 1833 543 BC Mayak via ? w/ RR, // 7185, 7290 (Newell 8/22)
7310 1355 --3 CA Khabarovsk w/ Mayak pgrm, IS, RR tlk (Cleveland 8/25)
9500 0415 523 IN Magadan? regional svce in RR, RFE QRM (Watts 8/22)(Bixby)
9580 0300 212 CA Petro. Kam. w/ RM IS, unid lang pgrm (Nebron 9/9)
9635 0600 545 CA Khabarovsk w/ RM in EE, nx, cmtry, mailbag (Harding 8/22)
9810 0312 312 IN Vladivostok w/ RM in RR, // 9770 (jammed) (Watts 9/7)
10060 1150 322 WI RM via ? w/ unid lang tlk, piano mx, IS, // 12020(Zilmer)
11690 0500 454 CA Blagoveshchensk w/ RM in EE to NA (Harding 8/26)(Watts)
12010 1936 444 CA RM via ? w/ RR tlk, mx, ID (Naylor 8/8)
12020 *0330 444 CA Petro. Kam. w/ RM in EE to WCNA (Harding 8/26)
12050 2307 343 CA Petro. Kam. w/ RM in EE, ID, nx, cmtry (Naylor 8/12)
15100 0030 444 NM Vlad. w/ Kiev in EE, RM in EE @ 0100, Yerevan in Armen. @ 0300, RM in EE @ 0330 (Thompson)(Harding CA)(Miller CA)
15130 *0800 343 CA Petro. Kam. w/ RM in EE to Aust./NZ (Harding 8/21)
15210 0336 232 IN Petro. Kam. w/ RM in EE, Peace & Prog (Watts)(Dalrymple)
17700 0850 232 CA Krasnoyarsk w/ RM in EE, mx, nx @ 0900 (Harding 8/27)

INTRODUCTION

This month we bring you the third in our series of maps for the DXer; our focus this time will be on Indonesia. Along with the map in the centerfold we have compiled some additional information on the two outer pages, including a list of all the sites shown on the map with their coordinates. You'll be able to compute the sunset/sunrise times for these sites by consulting SPEEDX's new, computerized Sunset/Sunrise Table. Places shown on the map are those known to have been broadcasting over the past few years. We hope that it is accurate, and of use to you. However, it is bound to be incomplete since there are many small independent stations located throughout the country, in addition to RRI, district, agriculture, armed forces, and university stations. If you have any additions, corrections, or comments, please send them to: Bob Bodell, 5230 S. E. 48th avenue, Portland, OR 97206.

WHERE AND WHEN TO LISTEN

For those of you who have a difficult time hearing Indonesian stations (especially ECNA), we'll give you a brief run down on the easiest to hear. The External Service (VOI) on 11789 is the best bet, with English at 1100 and 1400 GMT. But the local stations provide much more enjoyable listening. Try these: 4719 Ujung Pandang; 5987 Menado; 7070 (or 7057) Jakarta, 9613 Jayapura, 4764 Medan, or 7139 Ambon. Listen from 0800+ to one hour past your local sunrise.

IT'S NOT "LOVE AMBON"

That beautiful melody we've all been calling "Love Ambon" is actually "Rayuan Pulau Kelapa", or "Song of the Coconut Islands", according to Slamet Poedjono of RRI Ujung Pandang in a letter to Al Sizer. It is used for the bride or interval music prior to RRI Jakarta news relays. "Love Ambon" or "Palau Ambon" is used as the closing tune exclusively!

TIMOR

It is generally conceded now that the former Portuguese colony of (East) Timor was integrated into Indonesia on 8/16/76. Now known as Timor Timur, it is Indonesia's 27th Province. At the same time, Dili Radio became the 49th station of Radio Republik Indonesia. The radio situation on the island of Timor now is as follows: 3120 IDs as Dili; 3385, // 3550 are RRI Kupang; 3850 is RRI Dili. The anti-Indo., Fretilin, Radio Maubere, may still operate on 3804.

GLOSSARY OF TERMS

Angkatan Bersenjata-army station
 Angkatan Udara-air force station
 anklung-soft, melodious, "bamboo" music
 Bahasa Indonesia-the Indonesian language
 barat-west
 batang-river
 daerah-regional
 gamelan (gamelang)-hard, metallic music
 informasi-information
 istimewa-special
 kabupaten-district station
 kepulauan-islands
 khusus-special station
 kotamadya-municipal or city
 laut-sea
 nusa-island
 Nusantara-old name for Indonesia
 pemerintah-station
 pertanian-agriculture
 propinsi-province
 pulau-island

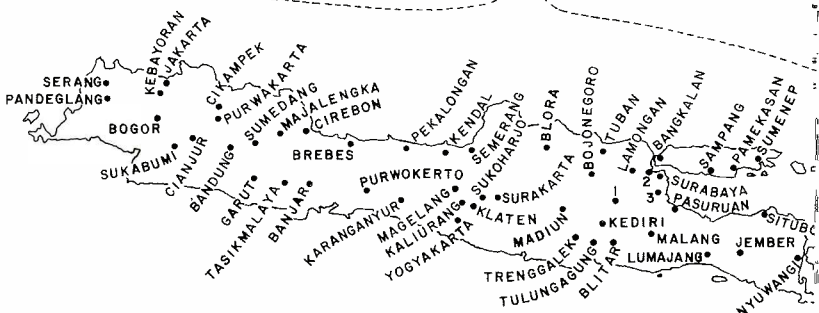
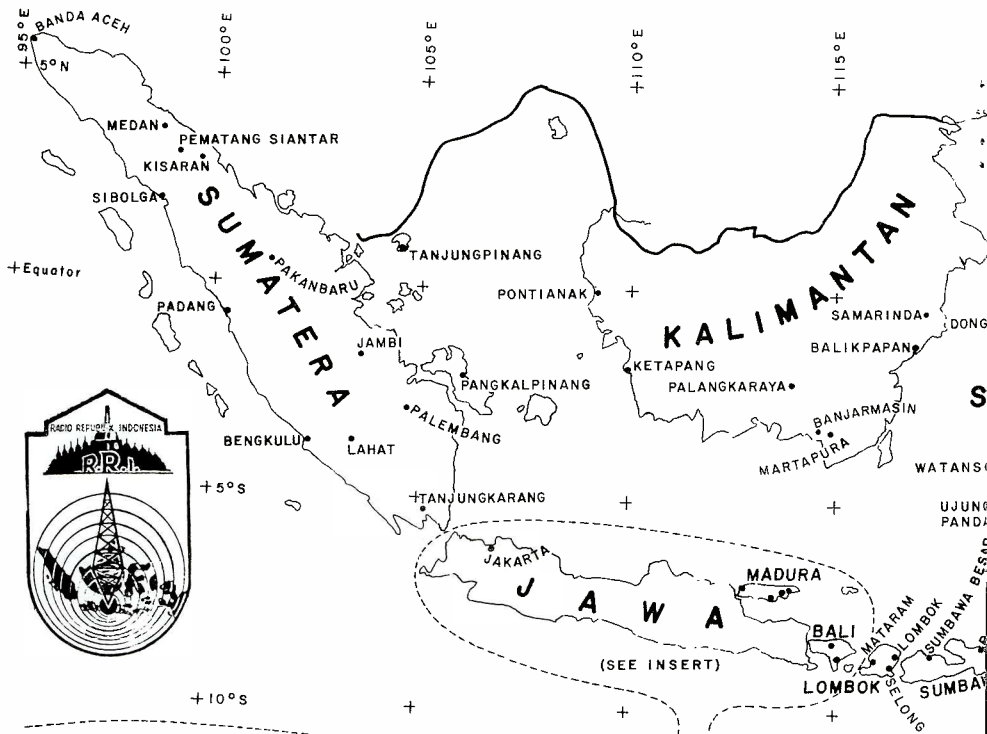
raya-great
 RKIP-Radio Khusus Informasi
 Pertanian
 RKPDK-Radio Khusus Pemerintah
 Daerah Kabupaten
 RPDK-Radio Pemerintah Daerah
 Kabupaten
 RRI-Radio Republik Indonesia
 selat-strait
 Simalungun-area south of Medan
 suara-voice
 tanjung-cape
 tasik-lake
 teluk-bay
 tengah-central
 tenggara-southeast
 timur-east
 tingkat-district
 ujung-point
 utara-north
 Wayang Kulit-puppet shadow plays

SOURCES CONSULTED

Tropical Band Survey, # 4, June 1976, DSWCI, Albertslund, Denmark; Craig Tyson, Robert Yeo, John Campbell, Australia, and Al Sizer, Connecticut, all in Numero Uno; World Radio TV Handbook 1976; BBC Monitoring Service; Indonesian Survey # 2, Robert Hanner, Australian Radio DX Club, June 1975; U. S. Board of Geographic Names, Gazeteer # 13, Indonesia and Port, Timor, 1968; Area Handbook for Indonesia, FAS, The American University; The International Atlas, Rand McNally, 1974; Operational Navigational Charts, National Ocean Survey, Riverdale, MD.



INDONESIA

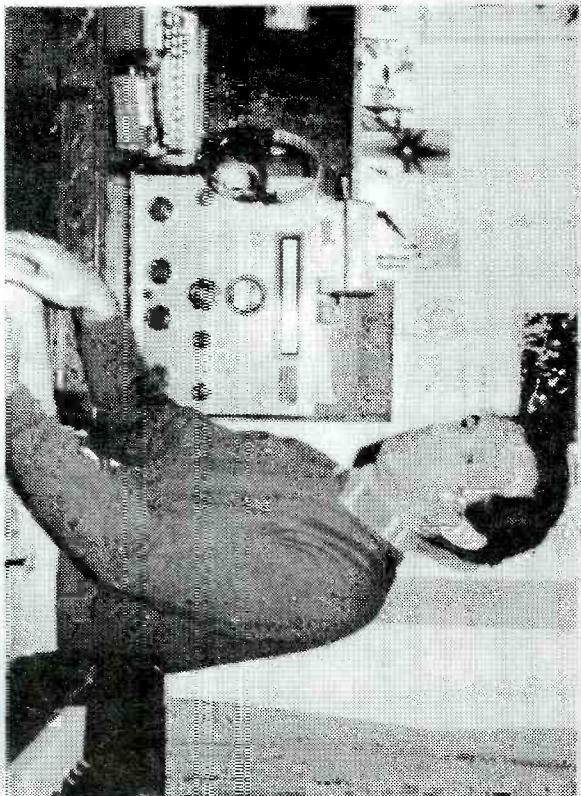
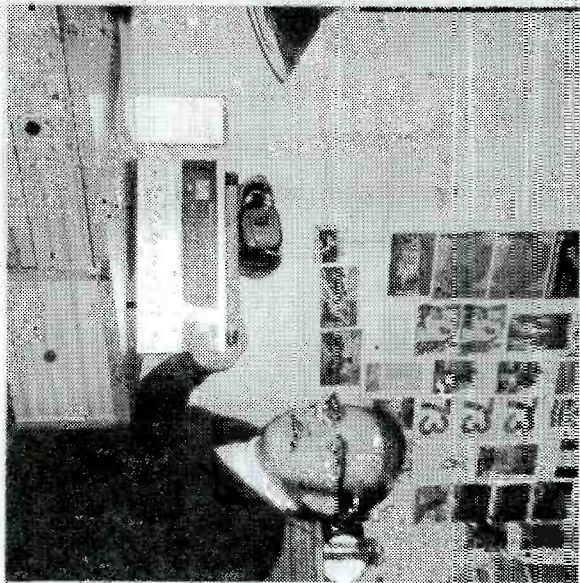


JAWA, MADURA, BALI INSERT

SCALE 1:6,000,000

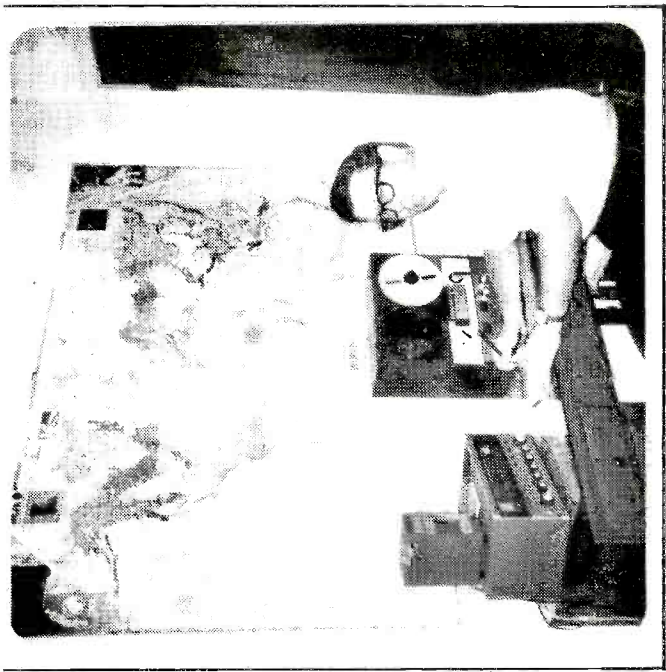
- 1= JOMBANG
- 2= GRESIK
- 3= SIDOARJO

GREG WATTS of Plainfield Indiana in new to SPEEDX but not to the hobby. With his DX-150B Greg has heard over 100 countries. SPEEDX REPORT on HCJB is where Greg heard about us.



CEDRIC CAMTHORNE lives in West Kirby, Wirral, England. Joining SPEEDX in May 1975, Cedric uses the Marconi CR-100 receiver to hear the world. Learned of SPEEDX over HCJB.

BILL TRUBEE of Kealākekua, Hawaii uses the Drake SPR-4 to listen to LW, BCB, SW & UTE from Aloha land. Bill, a very active member, joined SPEEDX in May of 1973

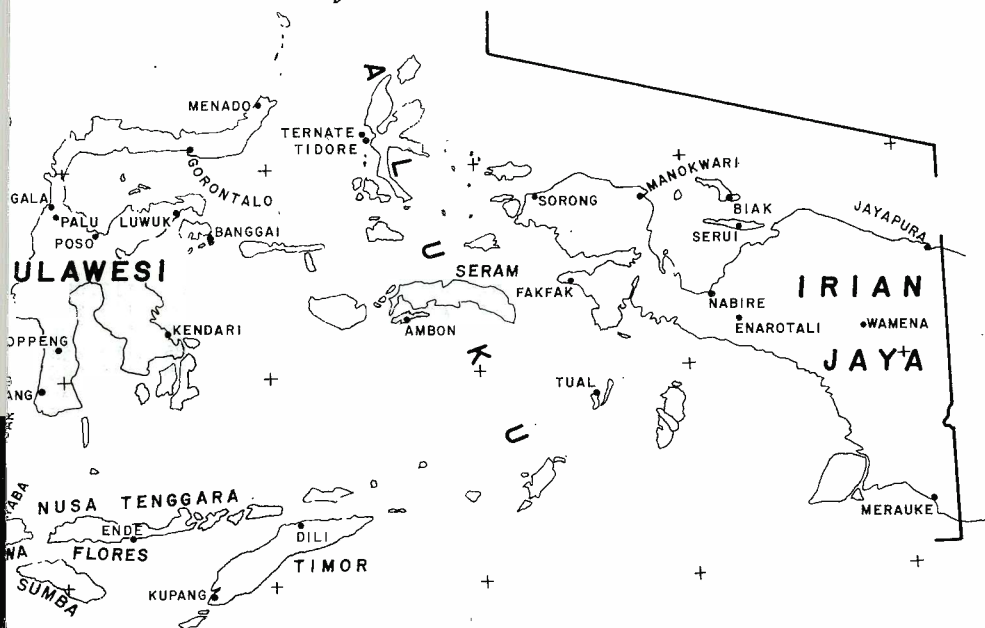


GERALD DARTEZ of Nederland, Texas with the popular DX-160 joined us in June of 1976 after hearing the SPEEDX REPORT on HCJB and info from member Randy Dorman.





NEZIA



+ 120°E + 125°E + 130°E + 135°E + 140°E



LEGEND

-  ISLANDS
-  POLITICAL BOUNDARY
-  JAYAPURA RADIO SITES
-  ISLAND NAMES

SULAWESI

SCALE 1:12,000,000

INDONESIAN SITES LIST

IJ = IRIAN JAYA (Irian Barat, West Irian) JW = JAWA (Java, Djawa)
 KL = KALIMANTAN (Borneo) ML = MALUKU (Moluccas) SL = SULAWESI (Celebes)
 NT = NUSA TENGGARA (Lesser Sunda Islands) SM = SUMATERA (Sumatra)

| <u>city, island</u> | <u>lat.</u> | <u>long.</u> | <u>city, island</u> | <u>lat.</u> | <u>long.</u> |
|------------------------------------|-------------|--------------|--------------------------------|-------------|--------------|
| AMBON, ML | 3.43S | 128.12E | MANOKWARI, IJ | 0.52S | 134.05E |
| BALIKPAPAN, KL | 1.17S | 116.50E | MARTAPURA, KL | 3.25S | 114.51E |
| BANDA ACEH, SM | 5.34N | 95.20E | MATARAM, NT | 8.35S | 116.07E |
| BANDUNG, JW | 6.54S | 107.36E | MEDAN, SM | 3.35N | 98.40E |
| BANGGAI, Kepulauan Banggai | 1.34S | 123.30E | MENADO (Manado), SL | 1.29N | 124.51E |
| BANGKALAN, Madura | 7.02S | 112.44E | MERAUKE, IJ | 8.28S | 140.20E |
| BANJAR, JW | 7.22S | 108.32E | NABIRE, IJ | 3.22S | 135.26E |
| BANJARMASIN, KL | 3.20S | 114.35E | PADANG, SM | 0.57S | 100.21E |
| BANYUWANGI, JW | 8.12S | 114.21E | PAKANBARU, SM | 0.32N | 101.27E |
| BATANG, JW (see Pekalongan) | | | PALANGKARAYA, KL | 2.16S | 113.56E |
| BENGKULU, SM | 3.48S | 102.16E | PALEMBANG, SM | 3.00S | 104.45E |
| BIAK, Pulau Biak | 1.12S | 136.05E | PALU, SL | 0.53S | 119.51E |
| BIMA (RABA), NT | 8.28S | 118.43E | PANDEGLANG, JW | 6.18S | 106.06E |
| BLITAR, JW | 8.06S | 112.09E | PANGKALPINANG, Pulau Bangka | 2.08S | 106.08E |
| BLORA, JW | 6.57S | 111.25E | PAMEKASAN, Madura | 7.10S | 113.28E |
| BOGOR, JW | 6.35S | 106.47E | PASURUAN, JW | 7.38S | 112.54E |
| BOJONEGORO, JW | 7.09S | 111.52E | PEKALONGAN, JW | 6.53S | 109.40E |
| BREBES, JW | 6.53S | 109.03E | PEMATANG, SIANTAR, SM | 2.58N | 99.03E |
| BULELANG, Bali (see Singaraja) | | | PONTIANAK, KL | 0.02S | 109.20E |
| CIANJUR, JW | 6.49S | 107.08E | POSO, SL | 1.23S | 120.44E |
| CIKAMPEK, JW | 6.24S | 107.27E | PURWAKARTA, JW | 6.34S | 107.26E |
| CIMANGGAS, JW (see Jakarta) | | | PURWOKERTO, JW | 7.25S | 109.14E |
| CIREBON, JW | 6.44S | 108.34E | RABA, NT (see Bima) | | |
| DENPASAR, Bali | 8.39S | 115.13E | SAMARINDA, KL | 0.30S | 117.09E |
| DILI, Timor (formerly Port. Timor) | | | SAMPANG, Madura | 7.12S | 113.14E |
| DONGGALA, SL | 8.33S | 125.35E | SELONG, NT | 8.39S | 116.32E |
| ENAROTALI, IJ | 0.40S | 119.44E | SEMARANG, JW | 6.58S | 110.25E |
| ENDE, NT | 3.54S | 136.23E | SERANG, JW | 6.07S | 106.09E |
| FAKPAK (Fak-fak) | 2.55S | 132.18E | SERUI, Pulau Japen | 1.53S | 136.14E |
| GARUT, JW | 7.13S | 107.54E | SIBOLGA, SM | 1.45N | 98.46E |
| GORONTALO, SL | 0.33N | 123.03E | SIDOARJO, JW | 7.27S | 112.43E |
| GRESIK, JW | 7.09S | 112.38E | SINGARAJA, Bali | 8.07S | 115.06E |
| JAKARTA, JW | 6.10S | 106.48E | SITUBONDO, JW | 7.42S | 114.00E |
| JAMBI, SM | 1.36S | 103.37E | SOPPENG (see Watansoppeng) | | |
| JAYAPURA, IJ | 2.32S | 140.42E | SORONG, IJ | 0.53S | 131.15E |
| JEMBER, JW | 8.10S | 113.42E | SUKABUMI, JW | 6.55S | 106.56E |
| JOMBANG, JW | 7.33S | 112.14E | SUKOHARJO, JW | 7.41S | 110.50E |
| KALIURANG, JW | 7.36S | 110.25E | SUMBAWA BESAR, NT | 8.30S | 117.26E |
| KARANGANYUR, JW | 7.36S | 109.34E | SUMEDANG, JW | 6.52S | 107.55E |
| KEBAYORAN, JW | 6.13S | 106.46E | SUMENEP, Madura | 7.01S | 113.52E |
| KEDIRI, JW | 7.49S | 112.01E | SURABAYA, JW | 7.15S | 112.45E |
| KENDAL, JW | 6.55S | 110.12E | SURAKARTA, JW | 7.35S | 110.50E |
| KENDARI, SL | 3.57S | 122.35E | TANJUNGPINANG, SM | 5.25S | 105.16E |
| KETAPANG, KL | 1.52S | 109.59E | TANJUNGPINANG, Pulau Bintan | 0.55N | 104.27E |
| KISARAN, SM | 2.59N | 99.37E | TASIKMALAYA, JW | 7.20S | 108.12E |
| KLATEN, JW | 7.42S | 110.35E | TERNATE, ML | 0.48N | 127.24E |
| KUPANG, Timor | 10.10S | 123.35E | TIDORE, ML | 0.40N | 127.26E |
| LAHAT, SM | 3.48S | 103.32E | TRENGGALEK, JW | 8.03S | 111.43E |
| LAMONGAN, JW | 7.07S | 112.25E | TUAL, ML | 5.40S | 132.44E |
| LOMBOK, NT | 8.30S | 116.40E | TUBAN, JW | 6.54S | 112.03E |
| LUMAJANG, JW | 8.08S | 113.13E | TULUNGAGUNG, JW | 8.04S | 111.54E |
| Luwuk, SL | 0.56S | 122.47E | UJUNG PANDANG, SL | 5.07S | 119.24E |
| MADIUN, JW | 7.37S | 111.31E | WAMENA, IJ | 4.04S | 138.57E |
| MAGELANG, JW | 7.28S | 110.13E | WATANSOPPENG (Soppeng), SL | 4.21S | 119.53E |
| MAJALENGA, JW | 6.50S | 108.13E | YOGYAKARTA, JW | 7.48S | 110.22E |
| MALANG, JW | 7.59S | 112.37E | | | |

U. S. S. R. (continued)

17705 0843 454 AUST R. Moscow via ? in EE w/ jazz mx (Dalrymple)
17720 *2300 444 CA Petro. Kam. w/ RM in EE to NA (Harding 8/22)
17780 0843 454 AUST RM via ? in EE w/ jazz, // 17705 (Dalrymple)
17880 *1630 353 CA RM via ? in EE w/ nx, cmtry to Africa (Harding 8/21)

KIRGHIZ S. S. R.

4810 *1230 222 OR Osh w/ Moscow 1, IS, s/on in unid lang (Bodell/Trochim.)

TADZHIK S. S. R.

4635 1315 232 OR Dushanbe local w/ Tadjhik tlk by OM (Bodell/Trochimczyk)
7275 *1600 222 JPN Dushanbe local w/ IS, ID, local mx, Tadjhik tlk (Wakisaka 9/4)

VIETNAM (Viet-nam Dan-chu Cong-hoa)

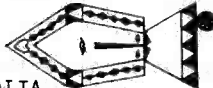
7510 1200 222 WA V. of Vietnam: Viet mx, TFs, Malay tlk (Beal 8/26)
10040 *1300 222 WI VOV: EE, // 12030 (Zilmer 8/18)(Naylor)(@ 1800 Rojewski)
15008v 1500 343 JPN VOV: JJ tlk, Viet mx (Araki 8/1)(Estes MS)(1927 in Fren. Watts IN)(1830 in EE Shaw PA)(Harding CA).....

YEMEN/ADEN

5060 1920 222 ENG Demo. Yemen Broadc. Svce: AA mx, chants (Sapsford 8/20)
7190 2200* 544 IN DYBS: Qur'an, OM ID, anthem (Watts 8/14)
11770t 1430 --2 CA DYBS: AA pgm (Snyder ???)

YEMEN/SANA'

7235 0430 534 IN R. Sana': AA mx, nx (Watts 8/15)
9779m 0205 333 CA RS: spec. Ramadan bcsts? (Snyder 9/11)(0310 Watts IN) (0400 Earhart PA)(2110 Dulmage ONT)(Estes MS)(Zilmer WI)



OCEANIA RADIO AUSTRALIA

AUSTRALIA

4920 0830 232 NY ABC Brisbane: EE nx, tlk (Tannenwald 8/27)(Crews FL)
5995 0920 343 CT RA (L): EE pop mx, ID (Fischer 8/14)(Tannenwald NY)
6090 0910 232 JPN ABD Sydney: EE w/ nx, cmtry (Wakisaka 9/7)
6140 1500 242 CA ABC Perth: Nat./WA nx (Nebron 8/17)(Dalrymple AUST)
7220 1030 222 WI RA (S): EE w/ Top 40 hits, to PNG (Zilmer 8/20)
7290 1200 555 IN RA (S): CC tlk, mx (Watts 9/3)(EE @ 1015 Zilmer WI)
9515 0810 444 FL RA (S): EE nx, cmtry (Smith 8/18)(EE @ 1140 Woltman WI)
9570 0750 443 CA RA (S): EE to British Isles, mx, nx (Miller 8/18)
9580 1200 544 MA RA (S): EE w/ nx, mx (Butterfield ???)(Dulmage ONT) (Garner ONT)(Pecenka IN)(Rosinski PA)(Smith FL)(Miller)
9610 1240 343 IN ABC Perth: EE w/ Aust. nx, mx (Pecenka 9/4)(Orr CO) (Baumgartner ONT)(Butterfield MA)(Famularo NJ)(Smith FL)
9760 *0958 443 JPN RA (S): JJ w/ C&W mx, nx (Makishima 9/1) NM
9770 1232 142 IN RA (S): EE w/ pop mx, nx (Pecenka 9/1)(@ 1330 Thompson
11780 0506 242 CT RA (S): EE nx, pop mx (Fischer 8/17)(Watts IN)
11810 *0958 454 JPN RA (S): JJ w/ IS, "Sunday Southern Echo", nx (Makishima)
11845 0455 555 CA RA (S): EE mx, nx (Miller 8/17)
15160 0300 333 WI RA (L): EE w/ freqs, nx (Worman 8/30)(Rojewski WA)(Watts)
15320 *0100 322 OH RA (S): EE to NA (Shrader 8/21)(Kukan NJ)(Earhart PA) (Nebron CA)(Somers CA)(Thompson NM)(FF @ 0608 Watts IN)
15355 0128 444 AUST RA (S): EE w/ pop mx (Dalrymple)
15410 0343 253 IN RA (C): EE to SEA, disco mx, 0400 nx (Watts 8/18)
15425 0608 122 CA ABC Perth: EE w/ horse race (Dawson 8/14)(@ 0408 Watts)
17795 *0100 333 NY RA (S): EE to NA (Kanrny 9/13)(Getzel NY)(Grenier CA)
17870 0110 343 CA RA (S): EE nx, pop mx (Grenier 8/16)(Harding)(Thompson)

NEW CALEDONIA

7170 0545 444 WA R. Noumea: FF tlk, mx, ID (Rojewski 8/27)(Owsley CA)

NEW ZEALAND

6080nr 1045 422 WI RNZ: IS, ID, TPs @ 1100, EE w/ pop mx in National Prgm (Zilmer 8/24)(Perry QUE)(Miller OH)(@ 1228 Jones MS)
6105 0559 211 NY RNZ: ID as "This is the Home Svce of RNZ", nx, wx, 1032* (Getzel 8/30)(Kukan NJ)(Brookwell CA)(Jones MS)(Zilmer)
9585 *0458 342 MA RNZ: ID as Nat. & Overseas Svce (Butterfield)(Rojewski)
11705 0450* 232 ONT RNZ: EE nx, wx, IS (Dulmage)(Shepard NY)(Watts IN) (Miller CA)(Butterfield MA)(Earhart PA)(@ 0515 Crews FL) (Shaw PA)(Cralbe ID)(Zilmer WI)(Brookwell CA)(Famularo)
15130 0050 343 CA RNZ: EE, // 11705 (Somers 8/28)(Garner ONT)(Worman WI)

PAPUA NEW GUINEA

| | | | | |
|------|-------|-----|------|---|
| 2410 | 1134 | 131 | OR | R. Eastern Highlands: lite inst. mx (Bodell/Trochimczyk) |
| 2468 | 1143 | 131 | OR | R. Northern District: inst. mx (Bodell/Trochimczyk 8/26) |
| 3220 | 1156 | 243 | OR | R. Morobe: Pidgin? annx, before s/off (Bodell/Troch.) |
| 3245 | 1135 | 252 | AUST | R. Gulf District: Pidgin w/ pop mx (Dalrymple) |
| 3260 | 1120 | 252 | OH | R. Madang: Pidgin w/ local mx (Miller 9/4) |
| 3290 | 1127 | 252 | AUST | R. Central District: EE w/ popular mx (Dalrymple) |
| 3305 | 1201* | 333 | OR | R. West. Dist. w/ NBC ID, list all fres, anth. (B/T) |
| 3360 | 1035 | 444 | AUST | R. Milne Bay; EE w/ lite mx (Dalrymple) |
| 3925 | 0800 | 233 | CA | NBC Port Moresby: EE nx, stocks, sprts (Harding 8/17) |
| 4890 | 1030 | 434 | CO | NBC: EE play, mx, nx, ID (Orr 9/5)(Crews FL)(Thompson NM) |
| 9520 | 0659 | 322 | FL | NBC: EE w/ 0700 ID, nx (Crews 9/7)(Dalrymple AUST) |

SOCIETY ISLANDS

| | | | |
|--------------|-----|----|---|
| 11825 & 1900 | 343 | CO | R. Tahiti: EE nx, wx, otherwise in French or Tahitian w/ pop, island mx (Orr 8/27)(Hammer OH)(Shrader OH)(Crews FL)(Jakubiak MI)(Trautschold WI)(Earhart PA)(Famularo NJ)(Grenier CA)(Watts IN)(Harding CA)(Miller) |
|--------------|-----|----|---|

CLANDESTINE STATIONS

| | | | | |
|-------|------|-----|----|--|
| 9422* | 1520 | 131 | CA | V. of the Thai People: Thai? vocals (Mercado)(Cleveland) |
| 15790 | 1235 | 352 | WI | V. Of Malayan People: Malay/Tamil, // 11830 (Zilmer) |

----- D A T E L I N E -----

AUSTRALIA-Here are some hillites of changes in RA's sked, valid to 7 November: new freqs are 6005 from Canarvon (1430-1730); 9535 (2100-2300); 11740 (0730-1230); 11785 (0700-0900); 15410 Canarvon (1030-2000); these freqs are no longer on air, 6035, 7215 (from Canarvon-now from Shepparton), 9515 (2100-2300 only); 9530, 11850, 11935, 15190, 15415... also new 7210.....RA direct.....

BANGLADESH-RB's fall sked is: (0445-0515) in EE, (0515-45 in AA, both on 15400, 17890, 21685; (1115-45) in Nepali on 7150, 9580; (1230-1300) in EE, (1340-1400) in Pushto, (1400-1500) in Urdu, (1500-30) in Punjabi, (1530-1600) in Hindi, all on 11890, 15270; (1645-1815) in Bangla, (1815-1915) in EE, w/ slo speed EE nx, 1900-15, both on 11940, 15180...RA's DXers Calling, 9/12...

IRAQ-Baghdad's Home Svce in Kurdish is now (0228-0855 and 1200-2200) on 3253, 6030.....The Voice of the Masses now opens at 1530 (ex 1500) on 9745...BBCMS
ISRAEL-IBA gives sked in 2 halves on Thurs. EE best, @ 2026, 2256...Greg Watts

REP. OF KOREA-RK's new sked from 9/23: EE @ 0300, 0600, 0930, 1000, 1130, 1330, 1600, 1800, 2000, 2200 on 7150, 9525, 9580, 9640, 9665, 9675, 9720, 11860.MLH

NEW ZEALAND-Arthur Cushen says in a letter to Glenn Hauser that "DX World" will again be heard, the first Sun. of the month, 1015-30 (on 6105)..Hauser..
RYUKYU ISLANDS-In a letter to Mike Hardester, VOA's George Berzins says that VOA will terminate its Okinawa relay by May, 1977, and that they will be looking for sites to replace Okinawa, and improve reception to Asia..Hardester

THAILAND-RT's Ext. Svce on 9655, 11905 has some changes in prgm times: (0415-0515) in EE; (0520-50) in French; (0915-1000) in Lao; (1000-30) in Mandarin; (1030-1100) in Thai; (1100-1200) in EE; (1200-30) in Viet; (1230-1300) in Cambodian; (1300-50) in Malay; (1400-30) in Burmese; (2330-0155) in EE.BBCMS

USSR/KAZAKH SSR-Alma Ata has this current domestic sked. 1st Prgm on 5970, 6180, 9780, 11950, w/ local prgrms (0000-15, 0130-40, 0200-0300, 0315-30, 0415-0430, 0600-0800, 0830-0900, 0910-1000, 1200-45, 1300-1530, 1550-1645); relay of Moscow 1C (0015-0130, 0140-0200, 0330-0415, 0430-0500, 0515-0600, 0800-30, 1000-1200, 1245-1300, 1530-50, 1645-1900); relay Moscow 1 (0300-15, 0500-15, 0900-10. 2nd Prgm on 5260, 6000, 9507 (0000-1800).....BBCMS.

YEMEN/SANA'-RS has this sked in AA: (0300-0700, 1000 Fri.) on 4853, 7135, 9780; (0700-1000) on 4853; (1100-2200) on 4853 (to 2015), 7235, 9780...BBCMS.

With a record 72 reporters this time we don't have much room left! With the DX season in full swing now we'll have to do more cutting to get in everything. It will be helpful if you list all your // freqs on a single logging, and send in your most up-to-date and best DX. Welcomes go out to the following new contributors: takehiro Araki, William Arnold, Donald Aston, William Dulmage, John Garnier, Skip Gross, David Hammer, Robert Kukan, Julien Odhner, Tony Orr Joe Pecenka, Jan Shrader.....See you next month, 73. *De* 9/22/76

WORLD SERVICE STATION SKEDS

PROGRAMMI

Editor:

EMISSIONS TRASMISSIONI PROGRAMS

BULLETIN DE PROGRAMMES

LARRY TALBOT

ENGLISH SERVICE

N84 W15119 Knoll Terrace
Menomonee Falls, WI 53051

SERVIZIO

PROGRAMME SCHEDULE

Deadline: 15th

COMUNICATI NEL CORSO

No, EE to NA has not been dropped. The July sked was pretty up to date so rather than repeat a lot of items I decided to use some other items. Not all of our members live in NA and we don't want to forget about their needs too. Lots of sked changes this month so guess what? Right. New EE to NA.

ARGENTINA, RAE has EE to NA 2300-2350 on 11710 as well as 0300-0400 & 0600-0700 on 9690. Earhart.

GERMANY, GDR, RBI has EE to NA 0100 & 0230 on 9730 & to WCNA @ 0330 on 11840, 11890, 11970. Compton, Watts Buehler

ORF AUSTRIA remains the same with EE the last ½ hr of their transmissions to NA. 0330-0400 on 6155 & 9770 & 0530-0600 (WCNA) on 6015. Trs are 100 kW @ Moosbrunn. Sked good to 11/7. Buehler, Watts, Earhart. (Also check 0130 on 1st 2 freqs)

GREAT BRITAIN, BBC has new Caribbean relay. David Sapsford who lives in U.K. indicates it is in ANTIGUA. 0430-0730 6175L
1100-1330 15070 11750T 6195L 5990S
1500-1615 17840A
1500-1745 15365S (M-F 1600-1715)
2000-2115 15260 6195L
2115-2245 11780

BELGIUM, ORU/BRT has their EE to NA 0015-0045 on 9725. Important Note: DX pgm has been changed to 4th Sun. ea. month instead of Tue. Good to Mar. 6, 77. Cuneo, Estes, Orr, Compton, Buehler.

2115-0030 11750
2115-0330 9580A
2115-0430 5975
2245-0330 7325
2300-0330 9510S (S ends 0030)
2300-0430 6175S
1500-1745 9580S (M-F 1600-1700)
T=Tebrau Brooks, Freed, Wilson
A=Ascension S=Sackville L=Antigua

RCI, CANADA, 0400-0600 on 6135. Drop 11765. Sapsford, Watts.

GREECE, EPT has EE nx & cmt during their Greek to NA pgm. The EE comes @ 1515-1530 on 15345. Wood

Richard Wood reminds us that the proper spelling is La Voz de Chile (not del). CHILE lists many times & freq for EE bdcsts but the only ones heard by both Watts & Earhart are 2250-2310, 0110-0130, 0210-0230, 0310-0330 on 15148-50 & 9566.

GHANA Radio sent this sked to Watts in Sept but it was end-dated June so play this one by ear, maybe still ok. EE to NA 2000-2100 on 11850.

R. Prague CZECHOSLOVAKIA 0100-0200 & 0300-0400 on 5930, 7345, 9540, 9630, 11990. Also EE segment on "Interprogramme" 0030-0055 on 6055 & 9630. Watts.

R. Budapest HUNGARY, 0200-0230 (except M) 6000, 7215, 9585, 9833, 11910, 15220. 0300-0330 same freq but includes a Mon bdcst. DX pgm every W & Sa 0400-0415 on same freq again. (Eff. Oct 17) Brooks, Watts

HCJB, ECUADOR, 1215-0645. Starting w/11745, 15115 to 1630. 0040-0500 11915 & 9560. 0500-0700 on 9560 & 6095. Arnold & Macris, Sapsford.

Robert Lordo grabbed this sked for IBA, ISRAEL right off the air. 0500-0515 on 5900, 7412½, 9815 (WCNA). 1200-1230 on 11655, 12045, 15485 & 17685. 2000-2030 on 7412½ & 9815. 2230-2300 on 7412½, 9815 & 11625. Sked good thru Oct. Skeds bdcst Thursdays @ 2025 & 2255. Brooks.

R. FINLAND 1330-1400, 1430-1500 on 15110. Good to Nov. 6. Freed, Wilson Macris, Kasday, Buehler.

New sked for NHK JAPAN 2345-0045 on 11705 & 15300. 0130-0230 on 15195, 15420, 17725 & 17825. Good to Nov 6 Yajko, Arnold, Cuneo, Wood, Watts & Harding.

GERMANY, FRG. Deutsche Welle. Hier ist die schedule personally monitored by Greg Watts 9/6 thru 9/9. 0130-0150 6040, 6075*, 6100M, 9605 11865. 0530-0550 (WCNA) 6100M, 6185 9545. M=Malta, *=Known to be Germany site. Also skeds from Harding, Estes. Nice work Greg & thanks.

MONTSERRAT. Richard Wood states that contrary to the report in Sweden Calling DX-ers DX-B 1391, BBC Leeward Isl. relay in EE 0430-0730 on 6175 to NA is registered with ITU for operation from Montserrat rather than Antigua. Since Radio-Antilles, MW, under the same mgt as Deutsche Welle is already in operation the Montserrat shortwave station could be on the air earlier than the totally new BBC Antigua operation. (London Calling (Oct) & Sept World Svc sked list only "Caribbean Relay")L.T.

R. NORWAY shows EE to NA Sundays only
1600-1630 15175* 17795, 21655
1800-1830 11850, 15175
2200-2230 11850, 15175
0000-0030 6180, 9645* GMT Mon after
0200-0230 6180* 9645 0000hrs.
0400-0430 6180* 9645, 11870
0600-0630 9645, 11870* Earhart
* =250kW others 100kW. Macris, Buehler

POLAND, Polskie R. has this sked: EE
& Polish 0200-0400 on 6095, 6135, 9675
11815 & 15120. Yajko & Macris.

PORTUGAL. EE to NA 0230-0300 and $\frac{1}{2}$ hr
later than their previous sked, the
2nd pgm is now 0500-0530 both on
6025 & 11935. Earhart.

R. Bucharest ROMANIA still mailing
this sked tho dated from May 3.
Anyone knowing later sked please
send corrections. 0130-0230 & 0400-
0430 on 5990, 6155, 6190, 9570, 9690
11775 & 11940. Macris.

R. SOUTH AFRICA now on 5980, 9585 &
11900 @ 2230 good to Nov. 6th.
Richard Wood observed RSA operating
on 4875 instead of 5980 but they have
returned to announced 5980. Macris,
11900 is new. Wilson.

RTVE/RNE SPAIN announced this sked
on sept. 8 as heard by Greg Watts.
To ECNA 0100-0300, 6065 & 11880.
Same freq for 0300-0400 to WCNA.
Ken Earhart also heard them on 6120
@ 0100+ on Sept 8.

R. SWEDEN has sked good to Nov 7th.
0030-0100 6035
0230-0300 6115, 9695
1230-1300 15305, 21670(ssb)
1400-1430 15305
2300-2330 6045, 6120, 9695
The SSB is 30Kw from Hoerby.
Mullen, Kannry, Brooks, Watts, Freed

SBC SWITZERLAND sked good to Nov 6.
0145-0215 5965, 6135, 9725, 11715.
0430-0500 6095, 9725, 11715.
1315-1345 15140.
There is also an omnidirectional svc
0645-0730, 1100-1130, 1300-1345
1515-1600, 1800-1815 & 2100-2130
on 3985, 6165 & 9535. Macris & Watts.

USSR R. Moscow & other broadcasters
being continually monitored by
Robert Hechenlively in S. Dak. Here
are his suggestions for thru Oct.
RM EE to NA 2300 to 0030. Try 7100,
7150, 7160, 7250, 7290, 7320, 9650,
15100. For 0100-0500 RM uses
0100 7150, 7250, 7290 , 7320
0130 also 9700 & 9660.
0200 drop 7150.
0230 7100, 7250, 7290, 7320, 15100
15210. @ 0300 drop 15100 & 15210.
0330 7100, 7250, 7290, 7320.
0400 Add 7150.

I monitored R. Kiev @ 0030 w/these
observations. 7150=fair, 7250=poor
15100, 15210, 15245 & 17720 nothing
15245 was wiped out by VOA.

R. Vilnius was good on 7320 @ 2230.
Remember EE is Sa/Su. Also reported
good by Hechenlively. Here is sked
he heard for 0030-0100. 7550, 7165,
7320, 9505, 9605. Also try 7290.

As you know, the Russians move
around all the time. If you want to
follow them I suggest & recommend
the Guide to Soviet Broadcasters
available from HQ for \$1.25 (\$1.00
to full members). Perfect as a base
for making your own determinations
based on what you actually receive.

VATICAN R. has this sked to NA
0100-0115 5995, 9605, 11700.
Harding.

Add this sked from R. Cairo EGYPT
EE to NA 0200-0330 on 9475. Watts.

Here are some other skeds to various
locations. Languages as noted.

SBC has EE to E. Asia Far East, Aust
& N.Z. 0700-0730 & 0900-0930 on
9590, 15305, 11775, 17840. 1315-1345
on 15430, 17830, 11775, 21520.

SWEDEN has EE to Europe @ 1100-1130
on 9630 & 21670 on SSB. 1600-1630
6065 & 9665. 1830-1900 on 6065.
2100-2130 on 6065.

Adventist World Radio broadcasts
from several countries. Here is EE.
0900-1000 to Eur. N. Afr. & MidEast
from Sines Portugal on 9670.
0700-0715 to Eur. from Malta 9635.
0330-0400 to S. Asia on 9720, 15425
Also 1345-1400 & 1430-1500 on 7190,
9720 & 15425. All preceding are Sun.
On Fri they have EE to S. Asia @
1330-1400 on 7190, 9720 & 15425 &
same freq on Sat but 15 min shorter.
Broadcasts from 0330 etc. are from
Sri Lanka. Brooks.

R. Brunei, N. Borneo sent this sked
to Louis Buehler. EE @ 2258-0030,
0300-0500, 1200-1430 on 7215 10Kw.

Here is text of letter regarding details of solar eclipse project.
NOTE this is a revision of details published in Sept. SPEEDX & FRENEX.

Requirements to Qualify for Special Verification of Reception

- 1) Quantitative measurements of signal strength continuous or at 2 to 4 min intervals during the indicated monitoring periods on at least 3 days, Oct. 22, 23 & 24 along with details of fading, interference, noise & pgm details are most desired but will accept SINPO or S-meter readings @ 2-4 min intervals. Graphs are acceptable.
- 2) Monitoring should be done with one receiver and one antenna per frequency. Antennas with one degree of polarization (vertical or horiz. no inverted-L) are preferred. Be sure to give full details of receiver & antenna placement.
- 3) Reports which do not cover the entire monitoring period and/or do not cover Oct 22, 23, 24 at least and do not satisfy 1 or 2 above will not be verified.
- 4) Monitors who satisfy the requirements for both a Tanzanian and one of the listed Australian transmissions will be given a special verification. There are no geographical restrictions for reception.
- 5) We are only interested in the times & freq shown. Should the broadcasters change freq, only monitoring of the exact replacement freq will be accepted.
- 6) To qualify all reports should be sent to:
Dr. David D. Meisel
Dept. of Physics & Astronomy
Greene 209
State University College
Geneseo, New York, 14454, USA
- 7) Deadline for receipt is Dec. 31, 1976. Verifications will be sent out in January, 1977.

Here are the times & frequencies to be monitored:

| <u>Location</u> | <u>Monitoring Period</u> | <u>Frequencies</u> | <u>Power</u> |
|------------------|--------------------------|--------------------|--------------|
| <u>Tanzania</u> | 0300-0500 | 3339 KHz | 10 Kw |
| | 0300-0500 | 4825/5050 | 20/50 |
| | 0300-0500 | 4785 | 10 |
| <u>Australia</u> | | | |
| Perth (ABC) | 0430-0730 | 9610/15425 | 10/50 |
| Sydney (ABC) | 0530-0800 | 6090 | 2 |
| Lyndhurst | 0530-0800 | 7500/12000 | 10/10 |
| Melbourne (ABC) | 0530-0800 | 9680/15230 | 10/10 |

All previously announced R. Australia frequencies have been dropped.

Here's a reminder of some DX pgms. Switzerland on the 2nd & 4th Saturdays. New Zealand, Arthur Cushens DX World, 1st Sun of the month, 1015 GMT. Ecuador, HCJB on Saturdays 0230 on 9560, 11915. 0930 on 6130, 9745. 2000 on 17780 & 15300. This last time & freq seem best for hearing our own John Trautschold with his report on DX Party Line.

More skeds. Radio Bangladesh has EE on their Gen. Overseas Svc. 0445-0515 on 15400 & 17890. 1230-1300 on 15270, 11890. 1815-1900 on 11940 & 15180. Interval sig. is local composition on violin & tanpura. Mitchell

Jon Cohen has compiled a VOA transmitter site sked thats easier to read than VOA's 10 pager. If anyone wants a copy now just send me a card. I will try to publish it in next months section. Jon, I'll let you know how many requests I get to see if you want to do one for the winter sked.

Thats about it for this month. My apologies for some material that wasn't used this month but EE to NA took up more room than I had anticipated. Do you prefer the split page format or would you rather see a straight page listing (at least maybe for the EE/NA listings)? Thanks to those who separated their listings & used only one side, its a great help. 73 & Good DX.LT

UTILITY REPORT



EDITOR:

KEN COMPTON
7 MOUNT VERNON STREET
BRIGHTON, MA 02135

Deadline: 15th of the month

QSLs

All freqs in khz

AFARS & ISSAS: TXZ FTS Djibouti 10710. FF no data ltr 45d for EE rpt & 1 IRC (Watts-IN)

ARGENTINA: ENTEL Buenos Aires 18740. SS ltr 19d for SS rpt & ms. (Trochimczyk-DC)

AZORES: GTD41 Navy Ponta Delgada 7351. PFC 15d air for ms. (Walters-NJ)

BRAZIL: PPO DPT Olinda 8520. F/d ltr reg. air for EE rpt & ms (Walters-NJ)

COMORO: FZZ433 PTT Moroni 20338. F/d cd 19d for FF rpt & IRC (Denissen-HOL)

ENGLAND: BPO London 13828. Color f/d cd 12d for IRC (Denissen-HOLLAND)

MSF Nat. Physical Lab Teddington 10000. Ltr in 21d for IRC (Dulmage-ONT)

FIJI IS.: 3DM Nandi Aeradio 5638. PFC & pc 19d for 2 IRCs. (Chabak-CO)

FRANCE: FFL2 PTT S. Lys 4328. F/d FF ltr 10d air for ms (Walters-NJ)

FTK56A AFP Paris 10563. Color f/d cd 7d for FF rpt & ms (Denissen-HOL)

HMN Navy Paris 13236. F/d ltr fr Ministry of Defense 65d for FF rpt & IRC. 10kw. VS: L. V. Baudot. (Denissen-HOLLAND)

GERMANY, W.: DDH4 Deutscher Wetterdienst, Quickborn 11039. GG f/d ltr & b&w cd of ship & meteo equipment & freq data 6d for GG rpt & ms (returned) 20 kw. (Denissen-HOLLAND)

AEA U.S. Army Firmasen 11115. PFC 12d for IRC. 10kw. (Denissen-HOL)

GREECE: SVA Athens R. F/d HTO fldr 35d for EE rpt & IRC 30kw (Denissen)

HAWAII: WVVH Kauai 15000. F/d color fldr in 114d for IRC (Denissen-HOL)

NMO USCG Wahiawa 9050. F/d ltr in 1m for ms (rtrnd). (Trochimczyk-DC)

ISRAEL: 4XZ Navy Haifa 8436. F/d photo cd 45d air for ms (Raiford-FL)

ITALY: IRM Radio Medico Rome 17105. F/d cd, pamphlet & coast sta list in 35d air for no RPI VS: Mino Rizzo, M.D. (Raiford-FL)

PANAMA: HPI TRT Panama City 9132.5. Ltr 10w for IRC (Dulmage-ONT) SAME in 7 Months air for ms (Walters-NJ) SAME in 6m for ms (Trochimczyk-DC)

PORTUGAL: CTP NATO Oeiras 8551.5. F/d color cd 104d air fo ms (Walters-NJ)

GUC9 CPRM Lisbon 19814.5. F/d ltr 35d for EE rpt & IRC (Denissen-HOL)

PUERTO RICO: AAC&R San Juan ????. No data cd 8d for ms (Trochimczyk) Freq? NMR USCG San Juan 8472. F/d cd in 153d for IRC. 10kw. (Denissen-HOL)

SAMOA, W.: 5WB GWS Apia 11620. Nice ltr w/o time 71d for IRC (HardesterCA)

U.S.A.: KLC ITT Galveston TX 13038. PFC in 12d for ms. (Mercado-CA)

ESF70 Oakland Aeradio CA 5519. Ltr in 10d for ms. 2kw. (Dulmage-ONT)

WOC RCA Chatham MA 8586. Ltr in 17d for ms. (Dulmage-ONT)

WFA57 ITT NYC 7752.5. Mimeo ltr in 9d for ms. (Trochimczyk-DC)

WMH RCA Baltimore MD 12952.5. F/d cd in 5d for ms. (Mercado-CA)

WFL25 ITT NYC 15730. F/d ltr in 15d for IRC 20kw (Denissen-HOLLAND)

URUGUAY: CWA Gerrito R. 17208.8. PFC 20d reg. for MS, SS rpt (Walters)

SHIPS: NLHA USS "Tarawa" Amphib Warfare Vessel 2716. PFC, photo & info booklet in 27d from QTH Pier 15, Balboa, CZ. 250w. (Chabak-CO)

NGFH GGC "Red Birch" 6521.8. PFC 27d for ms. (Chabak-CO)

NJUL USS "Bainbridge" off Washington 2716. PFC 11d. MS. (Chabak-CO)

NEDO USS "Austin" LPD4 2716. PFC in 64d for ms. 30w. (French-MD)

FAU "Drogou" French Navy 2716. PFC in 2m for IRC. (French-MD)

FAAU "Zeeland" Dutch Warship 2716. PFC in 7w for EE rpt & IRC (French)

CTFH "Afonso Cerqueira" Portuguese Navy 2716. PFC 2m for EE rpt & IRC. 500w. (French-MD)

OUWQ "Unit Scan" 2182. Ltr, PFC & Danish CB cd 6m for IRC (Holbrook)

NPCD USS "Blakely" Frigate 2716. PFC & picture of ship for ms. 50w.

QTH: 32-60M 79-42W. (Holbrook-MD)

JDRS "Oigawa Maru" Supertanker 6274.5. PFC 7m for IRC 800w (Holbrook)

GUET "Stainless Patriot" Motor Chemical Tanker 8204.4. PFC in 4m for IRC. 400w. (Holbrook-MD)

ASIT "Sevillian Reefer" 8358. Ltr & ship color photo 1m for ms. En Route Santos, Brazil from Trieste, Italy. 1kw. (Holbrook-MD)

DGRG "Colombus California" refrig container ship @ 30-35S 158-10W 8358 PFC in 26d air for IRC. 1kw. (Holbrook-MD)

3FVW "Maritime Justice" bulk carrier 8361. PFC 35d for IRC (Holbrook)

GKMN "Daru" cargo 8361. 2p. personal ltr 23d for IRC. 60w! (Holbrook)

GBBX "Arctic Vandal" deep sea trawler off Greenland 8370. Fine ltr in 74d for IRC (fishing off No Name Bank). 100w. (Holbrook-MD)



EMBRATEL
Empresa do Grupo TELEBRAS

Rio de Janeiro, 7th June 1976

Mr. GREG A. WAITS

Dear Sir,

I wish to thank you for your letter and I take this opportunity to inform you about our organization, the EMBRATEL.

EMBRATEL stands for Empresa Brasileira de Telecomunicações (Brazilian Telecommunication Company), it is responsible for the installation of all long distance telecommunication and of the network of coastal stations.

EMBRATEL is at the present completing the installation of 12000Kms of microwave links of high capacity (line of sight) and about 5000Kms of microwave links of medium and low capacity in the Amazon region principally.

EMBRATEL is also responsible for the control of all international Communications in Brazil using Satellite earth stations, and a submarine Cable linked to Spain, also HF transmitting and receiving stations.

Our main HF transmitting station is located in Santa Cruz, in a Suburb of the northern zone of Rio de Janeiro, in the state of Rio de Janeiro. This HF Station has the following transmitters: 5 (five) ISB of 30Kw, 1 (one) ISB of 15Kw, 2 (two) ISB of 8Kw and 2 (two) ISB of 2,5Kw, all of them used for the national and international Communication System.

We have also now installed and operating, the national coastal stations using the following transmitters: 1 (one) HF - CW of 5Kw and 8 (eight) SSB/CW of 1Kw.

EMBRATEL operates the above transmitters using the following rhombic antennas: 2 (two) oriented towards Europe, 2 (two) oriented towards New York, 1 (one) oriented towards Paraguay, 1 (one) oriented towards Bolivia and also 8 (eight) dipoles.

Our call-signal for circuit adjustment and identification that you heard is: "Esta é uma Estação da EMBRATEL - Empresa Brasileira de Telecomunicações, localizada no Rio de Janeiro, Brasil, transmitindo sinais em H.F. para sintonia e ajuste de circuitos e identificação." and is read in English, French or Portuguese.

The above is only a short description of our activities, and if you wish any further informations, we would be pleased to send them.

Sincerely yours,



ARA APKAR MINASSIAN
Eng. Chefe de CLRJ-SC
Sub-distrito de Santa Cruz

EMBRATEL
Sub-Distrito de Santa Cruz - CLRJ-SC
Av. Presidente Vargas, 1012
Rio de Janeiro - Brasil

Empresa Brasileira de Telecomunicações S.A.

Sede: Av. Presidente Vargas, 1012 - Rio de Janeiro - GB
Tel. (021) - 221-8182 - Cx.P. 2586 - Telex (021) 21 185 - Teleg. EMBRATEL - RIO
CEP - 20.000

OXHV "Gudrun Maersk" tanker 8370. PFC in 49d for IRC 1.2khz (Holbrook)
GOTN "Postrunner" chem tanker 12340.5. PFC 75d for IRC. (Holbrook-MD)
AIRCRAFT: USCG#1350 60m NNE of Guam 7581.5. PFC 17d. 100w. (Chabak-CO)
N68503 Continental Flight 608 to Honolulu 5603. PFC & acft ad 8d for
ms, also "Travel the Route of the Proud Bird". 400w. (Holbrook-MD)
Ethiopian Airlines over Ghana 8959. ltr 47d for IRC. (Holbrook-MD)

Frequent "Utility Report" contributor Joost Denissen would like to correspond with other SPEEDX members about utilities via cassette if possible but by letter is OK of course. Joost's address is: Joost Denissen
Gen. Smutslaan 726 Tilburg-4401 Holland. (His English is A-11)

H. Koizumi and T. Kiyomiya, both Japanese SPEEDXers have sent the following schedule & address for JCX, Naha Radio:
442 & 500 khz - 24h Naha Radio - JCX
6470 khz - 2300-1400 Japan Telephone & Telegraph Co.
13086 khz - 0000-0800 342 Sobe, Naha, OKINAWA, JAPAN

Some of last month's UNIDENTIFIEDs have been identified:
ISE - Favignana, Italy (Olson, Trubee, Watts, Matthew)
HLG - Seoul, S. Korea (Trubee, Matthew)
WEO27 - RCA NYC (Matthew, Olsson)

ISTITUTO ELETTROTECNICO NAZIONALE

GALILEO FERRARIS

Corso Massimo d'Azeglio 42 - I 10125 - Torino

Torino, 4 July 1975
Telefono 68.87.73

11/10/75

Mr. E. James WHITEHEAD
177 Pine Ridge Road
READING, Mass. 01867

Dear Sir,

this is to inform you that your reception report of June 23rd is correct. As you will notice in the program of our station IBF, that will be sent to you under separate cover, the transmission you listened to is not one normally scheduled.

Yours sincerely,

THE DIRECTOR

A. Ferro


(Prof. A. Ferro Milone)




All freqs In Khz

LOGGINGS

All Times GMT

NORTH AMERICA

| | | | | |
|--|----------------|--------|------|--|
|  | ALASKA: | 4576.5 | 0820 | NRW Cape Sarichef Ioran Unimak Is. tfc (Chabak-GO) |
| | | 5519 | 0432 | VOLMET Anchorage OM EE Avalation Wx AM(Dawson-CA) |
| | | 5696 | 0459 | NOJ USCG Kodiak acft tfc USB (Hickman-OR) |
| | | 8460a | 1920 | NOX USCG Adak CQ mkr CW (Koizumi-JAPAN) |
| | | 12206 | 0200 | NGT USNAS Dutch Harbor ID mkr CW (Trubee-HI) |
| CANADA: | | 2182 | 1222 | VAU DOT Yarmouth NS Marine Forecast SSB(French-MD) |
| | | 3330 | 0515 | CHU Nat. Research Council Ottawa time AM(OwsleyCA) |

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|---|---------|--|
| 5624a | 0155 | Gander Aeradio OM EE wkg Capitol 904 (Vecchiola-PA) |
| 6446 | 0218 | CKN Vancouver Military hydropacs CW (Cook-MN) |
| 6746 | 2345 | CFH Halifax Military tfc SSB (Rosinski-PA) |
| 7335 | 0315 | CHU NRC Ottawa OM EE/FF time sigs AM (Dulmage-ONT) |
| 8709 | 2012 | VCS DOT Halifax NS V mkr CW (Dulmage-ONT) |
| 17175.2 | 0733 | VAI DOT Vancouver CQ mkr GW (Trubee-HI) |
| GREENLAND: | 8967 | KPH USAF Thule AFB clg Lark 72 USB (Chabak-CO) |
| | 13201 | XPH Thule AFB OM EE tfc USB (Hickman-OR) |
| | 13600 | GTO Godthaab YL EE vm USB (Cook-MN) |
| | 14900 | GTO GODTHAAB YL EE/Dan vm SSB (Curtis-VT) OXI68 YL EE/Dan Greenland Facts vm 1430 SSB (Butterfield) |
| U.S.A.: | 2638 | NOW USCG Port Angeles WA EE tfc SSB (Hickman-OR) |
|  | 2670 | NMW USCG Westport WA marine wx SSB (Trochimczyk-WA) |
| | 4390 | WOO ATT Manahawkin NJ Oceangate R. OM vm & tfc USB (Pecenka-IN) |
| | 4399a | NMN USCG Portsmouth VA OM EE wx USB (Pecenka-IN) |
| | 4603 | Red Robin CAP MI KQD405 wkg net USB (Cook-MN) |
| | 4735a | AFI2 McClellan AFB CA wkg Pansy 54 SSB (Owsley-CA) |
|  | 5688 | AFES MacDill AFB YL EE wkg Navy LJ01 USB (Cook-MN) |
| | 5690a | Boeing Aircraft Seattle wkg Allen 03 test flight USB (Hickman-OR) |
| | 5696 | NMC USCG San Bruno CA OM EE tfc USB (Beal-WA) |
| | 5870 | NAR USN Key West FL NST multicall mkr CW (Hickman) |
| | 6495 | WNU TRT Slidell LA CQ mkr CW (Kiyomiya-JAPAN) |
| | 6756 | AFA Andrews AFB MD wkg acft USB (Cook-MN) |
| | 6540 | WSY70 NY Aeradio wkg Air Jamaica 001 USB (Pecenka) |
| | 7651 | VOA Greenville NC EE/Magyar feeder USB (Hickman-OR) 0445 (Dawson-CA) |
| | 8090 | 2030 NSS Annapolis MD NST multicall V mkr CW (Dulmage-0) 2220 NUKO Hydrolants CW (Cook-MN) |
| | 8514 | WSL ITT Amagansett NY ID mkr CW (Dulmage-ONT) |
| | 8644 | WWD La Jolla CA Fishery Bureau tfc USB (Cook-MN) |
| | 8660 | KLC ITT Arcadia TX tfc CW (Dulmage-ONT) |
| | 8760 | NMC USCG San Francisco CA wx USB (Pecenka-IN) |
| | 8868 | 0009 WSY70 NY VolMet YL EE wx AM (Watts-IN) |
| | 8993 | 0230 AFES MacDill AFB FL YL EE wkg a/c USB (Mercado-CA) |
| | 10000 | 2310 WWV Nat. BuStandards Ft Collins CO time (Rosinski-PA) |
| | 10454 | 1836 VOA Magyar feeder to Munich SSB (Watts-IN) |
| | 9807a | 1540 VOA RR feeder SSB (Beal-WA) |
| | 11130 | 2214 WFD41 RCA? NYC EE CM tfc USB (Dawson-CA) |
| | 12704 | 0400 WLO Mobile R. AL CQ mkr CW (Hardester-CA) |
| | 12744 | 0631 NMC USCG San Francisco CA CQ mkr CW (Kiyomiya-CA) |
| | 12844 | 1844 WPA RCA Port Arthur TX V mkr CW (Raiford-FL) |
| | 12907.5 | 0132 KLB ITT Seattle WA CQ mkr CW (Vecchiola-PA) |
| | 12993 | 0120 KOK ITT Los Angeles CA CQ mkr CW (Vecchiola-PA) |
|  | 13201 | 1752 AFI McClellan AFB OM EE tfc USB (Hickman-OR) |
| | 13260 | 1430 KJY74 NOAA Hurricane Research Ctr Miami FL OM EE wkg NOAA 41 USB (Olsson-CT) |
| | 13272 | 0106 NY VOLMET OM EE wx AM (Rosinski-PA) 0200 (Beal-WA) |
| | 13860 | 0222 VOA EE feeder Thessaloniki Greece SSB (Watts-IN) |
| | 15660 | 0230 NMX2 USCG Gloucester NJ clg "Barbara Lee" (French) |
| | 17007.2 | 0015 KLB ITT Seattle WA CQ mkr CW (Trubee-HI) |
| | 17026 | 1150 KFS ITT San Francisco CA CQ mkr CW (Kiyomiya-J) |
| | 20813 | 1749 WEO27/WER70 RCA RTTY sta NYC QRA mkr CW (Raiford-FL) |
| MEXICO: | 8568.5 | 1547 XFM Manzanillo de Colima R. CQ mkr CW (Thompson-NM) |
| | 12772.5 | 0145 XFL Mazatlan de Sinaloa R. CQ mkr CW (Vecchiola-PA) |

CARIBBEAN

| | | | |
|-----------------|---------|------|--|
| BARBADOS: | 12709 | 0212 | 8PO C&W St. Philip ID mkr CW (Thompson-NM) |
| BERMUDA: | 6487.5 | 0115 | VRT C&W Hamilton V mkr CW (Dulmage-ONT) |
| CUBA: | 7346a | 0554 | IRTS Bauta YL EE/SS vm SSB (Watts-IN) |
| | 8515 | 0515 | CLS La Fé R. V mkr CW (Trubee-HI) |
| | 10532 | 1300 | COZ67 Russian Navy (City?) wkg UGJJ //9044 CW (Olsson-CT) |
| | 12660a | 0153 | CLA EMRAIN Havana CQ mkr CW (Vecchiola-PA) |
| | 14566 | 1909 | CLN455 IRTS Bauta YL EE/SS vm USB (Watts-IN) |
| | 17165.6 | 1557 | CLA EMRAIN Havana CQ mkr CW (Thompson-NM) |
| MARTINIQUE: | 8554 | 0605 | FUF Fr. Navy Fort de France V mkr CW (Trubee-HI) |
| NETH. ANTILLES: | 13042 | 1545 | PJC GRITA Willemstad Curaçao CQ mkr CW (Thompson) |
| PUERTO RICO: | 4048.5 | 1009 | NMR14 Cape San Juan Loran wkg NMA5 USB (Chabak-CO) |
| | 8472 | 0235 | NMR USCG San Juan V mkr CW (Dulmage-ONT) 0103 coded wx CW (Cook-MN) |
| | 15470 | 1720 | WWL25 AAC&R San Juan EE tfc USB (Dawson-CA) |

CENTRAL AMERICA

| | | |
|------------------|--------|---|
| CANAL ZONE:5693 | 0350 | AHF Albrook AFB Balboa clg acft USB (Hickman-OR) |
| | 6683 | AHF USAF Albrook Airways wkg MAC60175 USB(Chabak-C) |
| | 12870a | 0140 NEA USN Balboa CQ mkr CW (Vecchiola-PA) |
| COSTA RICA:13094 | 1951 | TIM CORAIN Limon V mkr CW (Vecchiola-PA) |

SOUTH AMERICA

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|------------------|---------|--|
| ARGENTINA:8167.5 | 2350 | LQB9 Mt Grande time tick CW (Olsson-CT) |
| | 15000 | 2320 LOL Observatorio Naval Buenos aires YL time(Olsson) |
| | 17045.5 | 1935 LPD46 Gen. Pacheco R. V mkr CW (Curtis-VT) |
| BRAZIL: 14498a | 0030 | EMERATEL Rio YL EE/FF OM PP vm USB (Beal-WA) |
| | 17070 | 2244 PPR DPT Rio CQ mkr CW (Curtis-VT) |
| COLOMBIA: 8574 | 1208 | HKC Buenaventura R. V mkr CW (Koizumi-JAPAN) |
| | 13087.5 | 2336 HKE EMNATEL Barranquilla CQ mkr CW (Curtis-VT) |
| | 17045.6 | 2345 HKC EMNATEL Buenaventura CQ mkr CW (Curtis-VT) |
| URUGUAY: 12750 | 1240 | GWA Cerrito R. V mkr CW(Kiyomiya-J)(Denissen-HOL) |
| | 17208.8 | 1113 CWA Servicio de Transmisiones Cerrito CW(Kiyomiya) |
| VENEZUELA:6100 | 0634 | YVTO Observatorio Cagigal Caracas time AM(Watts-IN) |
| | 17142 | 1915 YVG MinCom La Guaira CQ mkr CW (Vecchiola-PA) |

EUROPE

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|--------------------|---------|---|
| BELGIUM: 13071 | 1626 | OST4 RTT Ostend V mkr CW (Thompson-NM) |
| BULGARIA:8532 | 2329 | LZW M.P.T. Varna V mkr CW (Denissen-HOLLAND) |
| DENMARK: 12329 | 0758 | OVG Frederikshavn Flade R. V mkr CW (Denissen-HOL) |
| ENGLAND: 4323a | 2352 | GYA Whitehall Naval R. London ID mkr CW(Denissen) |
| | 8581.6 | 0110 GKM2/4 BPO Highbridge press CW (Cook-MN) |
| | 10000 | 0100 MSF Nat. Phys. Lab Teddington time CW(Dulmage-ONT) |
| | 12770 | 1220 GKI BPO Portishead ID mkr CW (Kiyomiya-JAPAN) |
| | 16918.6 | 2346 MHU6 Whitehall Naval R. London V mkr CW (Watts-IN) |
| ESTONIAN SSR:16998 | 1140 | UNS Tallin R. CQ mkr CW (Kiyomiya-JAPAN) |
| FRANCE: 8625a | 0635 | FUN Navy Lorient CQ mkr CW (Trubee-HI) |
| | 12655a | 1625 FFT6 PTT S. Lys CQ mkr CW (Thompson-NM) |
| | 14902 | 1348 FT090 FTS Paris OM FF vm SSB (Curtis-VT) |
| | 17040.8 | 1142 FFB8 PTT S. Lys OM FF mx nkr USB (Kiyomiya-JAPAN) |
| GERMANY,W.:12763.5 | 1805 | DAM Deutsche Bundespost Norddeich V mkr (Thompson) |
| | 12898.5 | 0135 DAN DE Norddeich CQ mkr CW (Vecchiola-PA) |
| | 17177.6 | 0740 DAL DE Norddeich CQ mkr CW (Trubee-HI) |
| GIBRALTAR:2835a | 2336 | GYU BRN Gibraltar ID mkr CW (Curtis-VT) |
| | 12822a | 0045 GYU BRN Gibraltar ID mkr CW (Thompson-NM) |
| HOLLAND: 12799.5 | 1237 | PCB6 PTT Scheveningen CQ mkr CW (Kiyomiya-JAPAN) |
| | 12966 | 1658 PCH PTT Scheveningen CQ mkr CW (Thompson-NM) |
| | 10302 | 2125 PCK30 PTT Kootwijk OM EE vm USB (Olsson-CT) |
| ICELAND: 13069.5 | 0115 | TFA13 APTI Reykjavik CQ mkr CW (Mercado CA) |
| IRELAND: 8833 | 0010 | EIP Shannon VOLMET OM EE Aviation wx AM (Watts-IN) |
| | 13312 | 1823 EIP Shannon VOLMET OM EE Aviation Wx AM (Beal-WA) |
| | | 1915 (Butterfield-MA) 2140 (Olsson-CT) |
| ITALY: 12975 | 0128 | IQX MPT Trieste V mkr CW (Vecchiola-PA) |
| | 12978 | 1650 ICB M.P.T. Trieste V mkr CW (Thompson-NM) |
| | 12995 | 0120 IAR M.P.T. Rome V mkr CW (Mercado-CA) |
| | 17004.5 | 0536 IAR M.P.T. Rome V mkr CW (Trubee-HI) |
| | 17106 | 0635 IGA M.P.T. Trapani V mkr CW (Trubee-HI) |
| | 17161 | 1549 IAR APTI Rome CQ mkr CW (Vecchiola-PA) |
| MALTA: 6470a | 2050 | GYZ BRN Lascaris ID mkr CW (Koizumi-JAPAN) |
| NORWAY: 12968a | 0045 | LFW DGT Rogaland CQ mkr CW (Thompson-NM) |
| POLAND: 12721 | 1625 | SPB PTT Gdynia ID mkr CW (Thompson-NM) |
| PORTUGAL:17056 | 2345 | CTV2 Navy Monsanto CTAA tfc CW (Cook-MN) |
| SPAIN: 13065 | 2258 | EAD4 EMNATEL Aranjuez CQ mkr CW (Curtis-VT) |
| SWEDEN: 12880.5 | 1258 | SAG6 A.C.T. Goteborg CQ mkr CW (French-MD) |
| SWITZERLAND:17196 | 0837 | HEB Berne R. CQ mkr CW (Kiyomiya-JAPAN) |
| U.S.S.R.:12730a | 1253 | UMV Murmansk R. V-CQ mkr CW (Kiyomiya-JAPAN) |
| | 17066 | 1603 UAT M.P.T. Moscow CQ mkr CW (Vecchiola-PA) |

AFRICA

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|------------------|--------|--|
| CONGO: 6617 | 0020 | Brazzaville VOLMET OM FF aviation wx AM (Watts-IN) |
| SENEGAL: 15495 | 0540 | 6VK715 OPT Dakar OM FF tfc USB (Dawson-CA) |
| SO. AFRICA:4222a | 0035 | ZRQ2/3/4/5 Cape Naval R. V mkr CW (Curtis-VT) |
| | 17075a | 0715 ZSD PMG Durban CQ mkr CW (Trubee-HI) |
| | 17132 | 1557 ZSJ6 PMG Capetown CQ mkr CW (Vecchiola-PA) |

ASIA

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|---------------|-------|---|
| BAHRAIN: 4302 | 2100 | A9M Bahrain R. Manama tfc list CW (Koizumi-JAPAN) |
| CHINA: 8600 | 0912 | XSV Tianjin (Tientsin) R. CQ mkr CW (Koizumi-J) |
| | 12856 | 1303 XSG7 CGRA Shanghai CQ mkr CW (French-MD) |

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| 16947 | 0529 | XSQ CGRA Kwangchow(Canton) CQ mkr CW (Trubee-HI) |
| HONGKONG:13344 | 1645 | Hongkong VOLMET OM EE Av Wx AM (Hickman-OR) |
| INDONESIA:17199.6 | 0850 | PKI DDPL Jakarta CQ mkr CW (Kiyomiya-JAPAN) |
| JAPAN: | 12826.5 | 0525 JCS KDD Choshi CQ mkr CW(Hardester-CA)(Thompson-NM) |
| | 13008 | 0535 JOR KDD Nagasaki CQ mkr CW(Hardester)(Thompson) |
| | 13344 | 1640 JMA Tokyo VOLMET OM EE Av Wx AM (Hickman-OR) |
| | 17048.5 | 0540 JCS KDD Nagasaki CQ mkr CW (Trubee-HI) |
| KOREA: | 11135 | 2325 HLB40 MinCom Seoul EE tfc LSB (Dawson-CA) |
| PHILIPPINES:12882 | 1940 | DZG Mackay Manila CQ mkr CW (Hickman-OR) |
| | 12948 | 2245 DZK MANRATel Caloocan CQ mkr CW (Trubee-HI) |
| SINGAPORE:16869a | 0650 | 9VG53 Dir Tel CQ mkr CW (Trubee-HI) |
| SAUDI ARABIA:18785 | 0640 | HZQ878 PTT Jeddah OM AA/EE vm SSB (Kiyomiya-J) |
| TAIWAN: | 8445 | 1200 XSX Keelung R. CQ mkr CW (Kolzumi-JAPAN) |
| U.S.S.R.: | 17100 | 0550 UFN Novorossiisk Krasnodarskogo R. CQ mkr(Trubee) |

OCEANIA

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|----------------------|--------|---|
| AMER.SAMOA:15883.5 | 0420 | KUQ20B AT&T Pago Pago EE tfc SSB (Brookwell-CA) |
| AUSTRALIA:6526 | 0854 | Qantas Sydney OM EE wkg Qantas 4 USB (Chabak-CO) |
| | 6680 | 0700 VLS Sydney VOLMET OM EE Av Wx AM (Beal-WA) |
| | 7500 | 0800 VNG PMG Melbourne OM EE time sigs AM (Owsley-CA) |
| GUAM: | 7581.5 | 0851 NRV1 Orote Pt Loran wkg NRV USB (Chabak-CO) |
| HAWAII: | 2670 | 0603 NMO USCG Honolulu wx bc OM EE USB (Hickman-OR) |
| | 4050 | 0544 NRO USCG Loran wkg NRC4 & Kure USB (Chabak-CO) |
| | 7929.5 | 0026 NFM USN Pearl Harbor OM EE tfc LSB (Dawson-CA) |
| | 13344 | 1650 KVM70 Honolulu VOLMET OM EE wx AM (Hickman-OR) |
| | 17015a | 0717 "K" beacon Kure Reef CW (Trubee-HI) |
| NEW CALEDONIA:17097a | 0005 | FUJ Fr. Navy Noumea CQ mkr CW (Trubee-HI) |
| NEW ZEALAND:8770.4 | 0549 | ZLW NZPO Wellington OM EE vm USB (Dawson-CA) |
| | 11100 | 0630 ZLX24 NZPO Himatangi EE tfc USB (Dawson-CA) |

SHIPS

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|--------|------|---|
| 2670 | 0510 | CGC "Cape Carter" OM EE tfc USB (Hickman-OR) |
| 2716 | 1047 | USS "Yosemite" OM EE clg USS "Grand Canyon" USB (Chabak-CO) |
| 4101.2 | 0554 | KFCP "Mariposa" off CA EE phone tfc USB (Hickman-OR) |
| 4393.4 | 0956 | NNGP CGC "Cherokee" OM EE wkg NMF USB (Chabak-CO) |
| 6521.8 | 0005 | NODY USCGC "Acacia" wkg NMN (Gion-MA) |
| | 0138 | USNS "Harkness" OM EE wkg NMF & NMA USB (Chabak-CO) |
| | 0648 | "S. P. Lee" survey ship OM EE wkg NMC(Chabak-CO) |
| 8201.2 | 0535 | KFCP "Mariposa" @ 32N 125W wkg KMI USB (Trubee-HI) |
| 8204.4 | 0626 | "James Bay" whale conservation ship wkg KMI USB (Trubee-HI) |
| 13200a | 0045 | "Gloria Explorer II" EE tfc AM (Rosinski-PA) |

AIRCRAFT

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|--------|------|--|
| 6683 | 0150 | Air Force One OM EE R. cks w/SAM2000, AFA & AM (Olsson-CT) |
| | 0155 | Gull 27 hurricane hunter wkg Gull Monitor USB (Olsson-CT) |
| 6742.5 | 0038 | LL328 wkg LL312 & 329 & QUARTET SSB (Cook-MN) |
| 8882 | 0156 | Air Jamaica 001 wkg Santa Maria Aeradio SSB (French-MD) |
| 10253 | 2105 | AGAR21 OM EE wkg KB2XFB USB (Olsson-CT) |

TACTICAL

| | | |
|-------|------|--|
| 5414a | 0450 | VICTOR 4 OSCAR wkg K7I OM EE USB (Chabak-CO) |
| 6723 | 0141 | RASPBERRY MAYPORT NRB FL wkg Foxtrot 6 USB (Hickman-OR) |
| | 0426 | RASPBERRY BARB Barber's Pt HI wkg CLIMAX (USS "Enterprise") USB (Hickman-OR) |
| 6761 | 0137 | PROTO 21 wkg LCCPOLA (?) SSB (Cook-MN) |
| 11243 | 0430 | ANGORA RABBIT OM EE Foxtrot best USB (Chabak-CO) |
| 13241 | 1632 | BIRDSEED wkg PITCH DARK SSB (Mercado-CA) |

"SPY" NUMBERS STATIONS

| | | |
|---------|------|---|
| 4667a | 0330 | YL SS 4-digit groups, off 0356 AM (Hammer-OH) 8/31/76 |
| 4990.5m | 2220 | YL GG 4-digit, last 25 gr of a msg (Butterfield-MA)9/16/76 |
| 5770a | 0305 | YL GG 5-digit ea groups repeated, freq "Achtung" AM(OlssonCT) |
| 6560a | 1020 | YL SS 5-digit AM (Rosinski-PA) 9/1/76 |
| 7345a | 0810 | "Atencion 320 67" YL SS 5-digit "Final" @ 0820 AM (Watts-IN) |
| 8490a | 2320 | YL SS 5-digit AM (Rosinski-PA) 9/1/76 |
| 9100a | 2305 | YL SS 5-digit AM (Rosinski-PA) 9/1/76 |
| 9450a | 0216 | YL EE 5-digit "End of Information" @ 0216 USB (Vecchiola-PA) |
| 10073m | 1915 | OM SS "Atencion 00 542" off in mid-numeral 1927(Butterfield) |
| 11532a | 1625 | YL SS 4-digit off by 1640 AM (Hammer-OH) 8/15/76 |
| 13880a | 2222 | YL SS 4-digit SSB (Owsley-CA) 8/23/76 |

RADIOTELETYPE

AMER.SAMOA:10709 0340 KUQ20 Pago Pago RY test 66/425 (Green-UT)

QSL REPORTS



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



Verified Countries - 174

Deadline: 15th of month

Here we go again. With 67 reporters and nearly 400 reports it looks like another big month and another big squeeze. Some rather unique "QSL's" also: Greg Watts rcvd one from R. Tallinn and says "...obviously didn't check rept, since it appears from sked that I did not have them at all." Rich Mitchell received a "maybe you did and maybe you didn't hear us" ltr from Bangladesh, and Bob Bodell finally connected on a MW harmonic from the Philippines. So amidst all the confusion, let's get on with the loggings.

Europe

- ALBANIA:** R. Peking Relay, 7120, date/fqy "Timber Forest" cd in 18d (COHEN NJ), date/fqy blue cd w/gold bldg + pennant and pin in 30d (FOWLER ONT); 9780, date/fqy "Festival Rejoicings" cd + pin in 14d (GADOUAS VT)
R. Tirana, 7300, date/time "Revolutionary" cd in 64d sfc, no rp (GROSS VA)
- AUSTRIA:** ORF, 9770, f/d "Steiermark" cd in 26d air, no rp (SMITH AL), f/d "Niederösterreich" cd in 27d air, no rp (SMITH AL), f/d "Sunny South of Austria" cd in 25d air, no rp (NEBRON CA)
- BELGIUM:** ORU, 9725, f/d blue/white logo cd + pennant in 34d air, no rp (SMITH AL), same in 45d air (FOWLER ONT), f/d map cd in 41d sfc for 1 IRC (ROSINSKI PA), same in 45d air for no rp (NEBRON CA); 9730, date/fqy map cd in 70d sfc, no rp (PRATER OR), same + pennant in 72d (GARNER ONT); 11805, f/d map cd in 16d, no rp (ORR CO)
- BULGARIA:** R. Sofia, 9200, f/d "Climent of Ohrid University" cd + pennant in 177d sfc, no rp (ORR CO); 15310, f/d cd "Causeway over river in Nessebar" in 28d air (ISHIZAKI JAPAN)
- CZECHOSLOVAKIA:** R. Prague, 5930, f/d "Lake Macha" cd in 30d air, no rp (SHAW PA), same in 46d (MEEHAN CT); 7345, f/d b/w "Lipno Dam" cd in 42d air, no rp (GARNER ONT), same in 2½ mo air, no rp (POPE FL), f/d "Zizka Square" cd in 35d air, no rp (HINDS TRIN); 9540, f/d "Trosky Castle" cd in 64d, no rp (MACRIS MO), f/d "Bratislavia Castle" cd in 23d air, no rp (GADOUAS VT), f/d "Zvikov Castle" cd in 23d, no rp (BOWEN NS), f/d cd w/national costumes in 12d, no rp (CZERNICKI MAN), f/d cd "View of the Castle from across the Damube" in 45d, no rp (ENDZA CA); 9630, f/d cd w/pix of street in 30d, no rp (HULL MI); 11990, f/d "Zdakov Bridge" cd in 30d, no rp (COHEN NJ), no desc cd in 34d, 1 IRC (SMITH MD)
- DENMARK:** R. Denmark, 15165, f/d "Radiohouse Aerial Tower" cd in 17d air for 1 IRC, v/s Eileen V. Berg (BAUMGARTNER ONT), same in 25d, no rp (COHEN NJ), same in 29d for 2 IRCs, (GROSS VA), same in 30d, no rp (SHAW PA)
- FINLAND:** R. Finland, 15110, f/d "Summer in Finland" cd in 7d for 1 IRC (MACRIS MO), same + pennant in 14d, no rp (MEEHAN CT), same in 15d, no rp (MAYER IL), f/d "Winter in Finland" cd in 19d, no rp (BOWEN NS)
- FRANCE:** R. France International, 15155, f/d cd "City of the Seine" in 30d air, no rp (MERCADO CA); 15300, f/d "Couleurs et Lumière de France" cd in 16d air, 1 IRC (BAUMGARTNER ONT); f/d "Paris and the Seine" cd in 17d air for 1 IRC (MACRIS MO)
- GERMANY (Democratic Republic):** R. Berlin International, 9730, f/d "Stralsund" cd in 40d, no rp (COHEN NJ), f/d "Goethe-Stat Weimar" cd in 56d for 1 IRC (ROJEWSKI WA), f/d "Rotes Rathaus" cd in 67d air for 1 IRC (MACRIS MO)
- GERMANY (Federal Republic):** Deutsche Welle, 6040, new, no data acknowledgement cd in 38d, no rp (HARDESTER CA); 6075, no data logo cd in 131d sfc for 1 IRC (BIASINI ALTA), same in 197d air, no rp (FOWLER ONT); 6085, no data multicolored logo cd in 107d sfc, no rp (SMITH FL); 6100, f/d circles cd in 258d sfc, no rp (PRATER OR); 9545, no data logo cd in 17d air for 2 IRCs (MILLER CA); 9565, no data logo cd in 81d, no rp (GROSS VA)
Sddeutscher Rundfunk ("Sudfunk"), 6030, date/fqy yellow/black cd in 93d sfc, no rp (MAYER IL)
- GREAT BRITAIN:** BBC, 7325, usual no data Thames cd in 27d for 1 IRC (THOMPSON NM); 11780, no data Parliament cd in 21d air for 1 IRC (MACRIS MO); 15070, Parliament cd in 30d air for no rp (FOWLER ONT)
R. Canada International, 6125, f/d "do-it-yourself" XXI Olympiad cd in 20d air, no rp (PIMBLETT ALB)
- GREECE:** V. of Greece, 9760, f/d black/white cd in 18d air, no rp (GAFFIN NY), same in 22d (PRATER OR), same in 26d for 1 IRC (FOWLER ONT)
- HOLLAND:** R. Nederland, 6020, f/d Edward Startz Memorial cd in 16d air for 1 IRC (HARDING); 17700, same in 9d, no rp (GROSS VA); no fqy, same in 40d, no rp (HINDS TRIN)

HUNGARY: R. Budapest, 7215, f/d "Cathedral" cd in 30d air, no rp (SMITH AL), f/d "R. Budapest SW Club" cd in 64d sfc, no rp (GROSS VA), same in 68d air (HINDS TRIN); 9833, f/d cd "Nyonda, Budapest" in 60d sfc + pennant, no rp (LULL MI)

LUXEMBOURG: R. Luxembourg, 6090, f/d logo and towers cd in 24d, no rp (GROSS VA), same in 34d for 2 IRCs (MACRIS MO)

MALTA: Deutsche Welle Relay, 6100, no data logo cd in 14d air, no rp (FOWLER ONT), same in 15d (ESTES MS), same in 33d (GADOUAS VT), same in 61d (GAFFIN NY), same in 7 mo (ROMANI MI)

MONACO: TWR, 7110, world map cd in 2 mo, no rp (TWIGGS CT)

NORWAY: R. Norway, 9645, f/d cd "Karl Johan Street" in 61d air, no rp (DAY CA); 11860, f/d "Sommeridyll" cd in 16d air, no rp (COHEN NJ), f/d "Trout fishing" cd in 21d air (PECCENKA IN), f/d "Holidays in Norway" cd in 45d (BREEDEN MS), f/d "Girls in folk costume" cd in 73d sfc, no rp (MAHONEY IN); 11870, f/d "Holidays in Norway" cd in 21d air for 2 IRCs (MEZA CA); 15175, f/d "Sommeridyll" cd in 14d air, no rp (MACRIS MO), f/d "Holidays in Norway" cd in 12d for 2 IRCs (ROJEWski WA), same in 45d (GROSS VA)

POLAND: Polish R., 9240, f/d DX Club cd in 108d, no rp (COHEN NJ); 11815, f/d DX Club cd in 61d air + pennant (DAY CA), same cd in 3 mo air (RADTKE CA), same in 69d for 1 IRC (BIASINI ALTA), same in 86d + pin (PRATER OR), same cd in 56d (YAJKO PA), same + map cd (4th in series) in 92d (PIMBLETT ALB), cd of Poland in 2 mo, no rp (ESTES MS), f/d "Hands and Circles" design cd in 85d air, no rp (DAY CA); 15120, f/d map cd (#2 in series) in 63d air, no rp (THOMPSON NM)

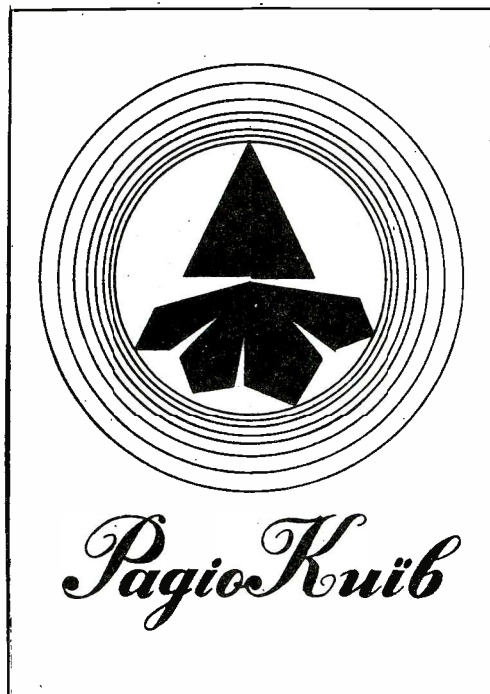
PORTUGAL: R. Portugal, 11935, no data cd "Lisbon--unloading salt" in 18d air for 2 IRCs (ROMANI MI), f/d cd "St. George's Castle Moat" in 20d air, no rp (FOWLER ONT)
R. Free Europe, 15355, f/d blue/white multi-lingual cd in 14d air, no rp (GROSS VA)

ROMANIA: R. Bucharest, 5290, f/d cd w/map of Europe and bldg, in 96d air for 1 IRC (enclosed note says no rp needed) (MACRIS MO); 9570, f/d cd w/small pix of bldgs, 99d air (GARNER ONT); 15365, f/d cd w/color picture of Mihail Kogălniceanu Square, in 96d air (MAKISHIMA JAPAN), f/d cd w/color picture of UN Square, 100d air (MAKISHIMA JAPAN)

SWEDEN: R. Sweden, 6120, f/d cd of stamp issued to commemorate royal marriage, in 55d air for 1 IRC, v/s Ada Finy (or Fung, or Jung--take your choice) (SMITH MD), f/d map cd in 94d air for 1 IRC (SMITH MD); 9692, f/d map cd in 56d air, no rp (NEBRON CA), same in 3 mo sfc, no rp (GRENIER CA), cd of royal wedding stamp in 33d air, no rp (GROSS VA); 11705, f/d blue/yellow map cd in 90d air, no rp (MEEHAN CT), same in 94d air + pennant (FOWLER ONT), same cd in 97d air for 1 IRC (DAY CA); 15240, f/d Royal Wedding stamp cd in 80d air for no rp (MAKISHIMA JAPAN); 15305, Royal Wedding stamp cd in 31d air for 2 IRCs (GION MA), same in 59d air for 1 IRC (MULLEN MT)

SWITZERLAND: SBC, 6135, date only cd "Julian New Year's Eve in Urnäsch in Canton Appenzell", 38d sfc, no rp (THOMPSON NM), f/d cds "Palace of Nations, Geneva" in 37 and 59d sfc, no rp (THOMPSON NM); 9535, f/d cd "Market Place in Basle", 70d sfc, no rp (HINDS TRIN); 9725, "Julian New Year's Eve" cd in 96d sfc for 1 IRC (MULLEN MT), f/d "Street Scene" cd in 36d air, no rp (GADOUAS VT), f/d "Palace of Nations" cd in 60d sfc, no rp (ENDZA CA), f/d "Lake Lucerne" cd in 61d sfc, no rp (GROSS VA), same in 67d sfc, no rp (MAHONEY IN); 11715, "Palace of Nations" cd in 28d air for 1 IRC (THOMPSON NM); 15140, f/d "Basle's Griffin" cd in 20d air for 1 IRC (MACRIS MO); no fqy, f/d "Cathedral Tower, Basle" cd in 70d sfc, no rp (SMITH FL), date only "Palace of Nations" cd in 45d sfc, no rp (MEEHAN CT)

USSR:
Estonian SSR: R. Tallinn, 9500, f/d cd w/wrong date/time, in 30d sfc, no rp (WATTS IN) (As indicated on previous page, Greg now doubts that this was the station that he heard; accompanying ltr states that 10 rpts in 6 mo period qualifies for pennant. bc)
Georgian SSR: R. Moscow, 9760, 11805 (Tbilisi), "CMEA" cds in 30d for Cuba svc rpt (LEGGE VA)
Lithuanian SSR: R. Moscow, 7100 (Kaunas), "Kalinin Prospekt" cd in 2 wks (LEGGE VA); 11870 (Kaunas), no desc., time (BIASINI ALTA)
RSFSR: R. Moscow, 7100 (Moscow), 7290 (Moscow), 7320 (Omsk), 7390 (Moscow), 9450 (Moscow), 9470 (Moscow), 9500 (Moscow), 9530 (Moscow), 9680 (Moscow), 9685 (Moscow), 9700 (Moscow), 9720 (Ryazan and Kenga), 11690 (Moscow), 11735, 11820 (Krasnoyarsk), 12035 (Moscow), 12050 (Khabarovsk), 15210 (Petrovavlovsk Kamchatskiy), 15415, 15465, 17760 (Tula). (Are you people sure about all of those alleged Moscow sites? Please do not report a transmitter site unless it is stated on the QSL cd. bc), f/d cds in 20-68d air. "CMEA Building" (VOCKEROTH PA)(HINDS TRIN)(BAUMGARTNER ONT)(GAFFIN NY)(MEZA CA)(YAJKO PA), "Grand Kremlin Palace" (SMITH FL), "Kalinin Prospekt" (COHEN NJ)(DAY CA)(MAHONEY IN)(MACRIS MO)(SMITH FL), "Tower" cd (SMITH MD), "Sputnik Memorial" (SMITH FL), "Rocket Monument" (HARDING CA)(VOCKEROTH PA), "Moscow State University" (VOCKEROTH PA)(SMITH FL), "Lenin Central Stadium" (HARDING CA), no desc. (LEGGE VA)(BIASINI ALTA)
R. Peace and Progress, 15185, cd w/sketch of tower in 27d air (SMITH MD), orange cd w/sketch of buildings and red/white RPP logo (MEEHAN CT); 17885, date/time cd of Red Square (PETERS KY)
Turkmen SSR: R. Moscow, 15185 (Ashkhabad), f/d "Kalinin Prospekt" cd w/wrong fqy (BOWEN NS); 15385 (Ashkhabad), "Moscow State University" cd in 30d (LEGGE VA). Both for SEA svc. bc



Ukrainian SSR: R. Kiev, 7250, yellow map cd + pennant in 6 wks (VOCKEROTH PA); 15100, "Boy and girl", circle and triangles, map, circles cds (4 cds) in 35-38d air, no rp (THOMPSON NM); 15210, f/d small flag cd in 37d air, no rp (DAY CA) R. Moscow, 7110 (Ivano Frankovsk), "Lenin Central Stadium" cd in 7 wks (VOCKEROTH PA); 9660 (Ivano Frankovsk), no desc. or time (BIASINI ALTA); 11780, f/d "Kalinin Prospekt" cd in 33d air (GAFFIN NY)

Thanks to Tommy Lunstrum for the copy

Uzbek SSR: R. Tashkent, 11925, f/d "Lenin Museum" cd in 6 wks (VOCKEROTH PA)

VATICAN CITY STATE: Vatican R., 9605, f/d cd w/air photo of xmtr site, 19d air for 1 IRC (DAY CA); 11705, f/d pc of "Musician angel painting", 20d air, no rp (ENLZA CA), f/d cd "Stato Citta del Vaticano--Radio Vaticano", 48d sfc for 3 IRCs (ARAKI JAPAN)

Africa

ASCENSION ISLAND: BBC Atlantic Relay, 9580, no data "Thames" cd w/Atlantic Relay typed in, 61d sfc, no rp (SMITH AL); 9600, f/d (??) "Thames" cd in 15d air (BIASINI ALTA)
CHAD: Rdif. Nationale Tchadienne, 4904.5, montage type cd in 16d air for 2 IRCs, FF rpt (RADTKE CA) See below.

EGYPT: R. Cairo, 9475, f/d cd, 1st serial, 3rd scene in 51d air, no rp (GROSS VA), f/d cd of part of Abu Simbel Temple in 204d air for 1 IRC (THOMPSON NM), color photo cd of Kasrel Nil Bridge, Cairo, in 365d air, 2 IRCs (THOMPSON NM); 9805, f/d cd "Ramses II" in 14 mo air for 2 IRCs (rpt in EE, cd in German!) (ROMANI MI)

ETHIOPIA: ETLF, 7165, f/d cd w/ ETLF scenes, 98d air for 3 IRCs (ROJEWSKI WA); 15250, same cd in 38d air for 3 IRCs (HARDING CA); 15365, same cd in 5 mo air, no rp (BREEDEN)

There is no sense in advertising your troubles. There's no market for them.

GHANA: GBC, 4915, f/d cd w/ghana forest in 130d air for 1 IRC (MAKISHIMA JAPAN), same in 55d air, no rp (PECENKA IN); 4980, same in 53d sfc for 1 IRC (GROSS VA); 6300, same in 129d sfc for 1 IRC (SMITH MD) (Is that fgy correct, Eunice? bc)

LIBERIA: ELWA, 11945, f/d "Native drummer" cd in 5 mo, no rp (BREEDEN MS)
VOA Relay, 6180, f/d "Bicentennial Commemorative Stamps" cd in 29d, Monrovia Relay stated on cd (GROSS VA)

MALAGASY (Republic): R. Nederland Relay, 11730, f/d "Wereldomroep" cd, no time (COHEN NJ)

NIGERIA: R. TV Kaduna, 6090/9570, gray/green cd in 5 mo for 2 IRCs (ESTES MS)
V. of Nigeria, 7275, f/d green/white flag cd w/logo in 186d sfc for 2 IRCs (BOWEN NS)

RWANDA: Deutsche Welle Relay, 7225, f/d "Afrika" cd in 71d, no rp (COHEN NJ)

SEYCHELLES: FEBA, 11810, f/d orange/white map cd in 16d air for 3 IRCs (BREEDEN MS)

SOUTH AFRICA: RSA, 9585, f/d "Flamingoes" cd in 16d air for 1 IRC (MACRIS MO), f/d "Kaffirboom Tree" cd in 14d air, no rp (GROSS VA), f/d "Coral Tree" cd in 18d air, no rp (GARNER ONT), same in 18d (MILLER CA), same in 22d for 2 IRCs (MEZA CA), same in 35d for no rp (JULL MI); 11890, f/d "Kaffirboom Tree" cd in 17d air for 1 IRC (DAY CA)

SABC, 4810, usual f/d "Industries" cd in 75d air, no rp (PECENKA IN)

TUNISIA: Rdif. TV Tunisienne, 7275, f/d cd "Oasis in Southern Tunisia" in 38d air for 3 IRCs (BREEDEN MS); 15225, f/d "Korbous" cd in 15d air, no rp (GROSS VA), f/d "Hotel El Hana" cd in 27d air for 2 IRCs (BAUMGARTNER ONT), f/d "Pottery Works" cd in 37d air for 1 IRC (MAYER IL) (All rpts in EE. bc)

Asia

BANGLADESH: R. Bangladesh, 11890, f/d ltr w/questionable veri in 28d for 2 IRCs (MITCHELL CA) (I'll include it on my last page if I have room. bc)

CHINA (People's Republic): R. Peking, 7120, f/d cd "Children w/toy balloons" in 17d air (MAHONEY IN), date/fgy cd "Timber forests of the Changpai Mountains" in 20d air for 1 IRC (ROSINSKI PA). Sorry, these were labeled China and landed in the China pile tho they should be with Albania for the Tirana Relay of R. Peking. Rosinski also rcvd a pennant and lapel pin. bc); 9860, date/fgy "Timber Forests" cd in 14d air, no rp (PRATER OR); 9965, f/d cd "Store in Provisiones" + pennant in 22d sfc for 1 IRC (ARAKI JAPAN); 15060, date/fgy cd w/blue circles and pagoda + pennant and pin in 17d air, no rp (WATTS IN), blue w/white circles cd, date/fgy only + pennant in 16d air, no rp (GROSS VA), blue cd w/white circles showing xmtr bldg in gold + pennant and pin in 20d for 1 IRC (THOMPSON NM); no fgy, blue cd in 2½ wks air + pennant and pin (TWIGGS CT)

CHINA (Republic): V. of Free China, 17890, f/d cd "The Red Trees in the Mountains" in 58d sfc for 2 IRCs (ARAKI JAPAN)

CYPRUS: BBC Relay, 6180, usual no data Thames cd in 31d air, no rp (WYLLIE MA)

IRAN: V. of Iran, 11770, f/d "Abadan TV" cd + pennant in 22d air, no rp (GAFFIN NY); 15084, same in 25d (BIASINI ALTA)

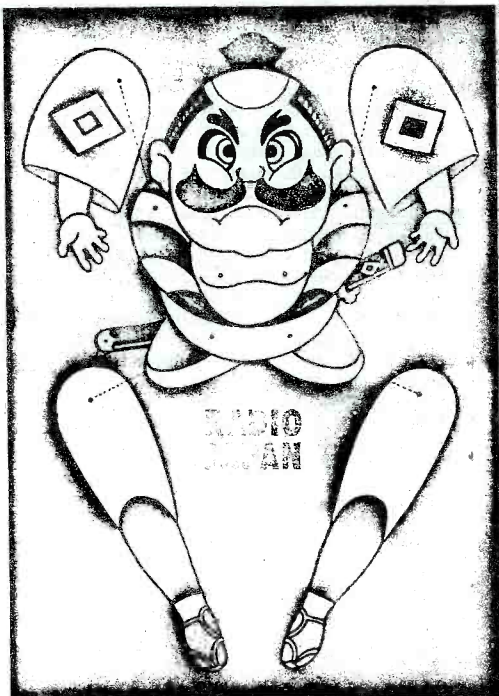
ISRAEL: IBA, 9815, f/d cd "Shrine of the Book & Knesseth Building", 40d air for 1 IRC (THOMPSON NM); 11645, same in 29d no rp (GION MA), same in 43d, no rp (HINDS TRIN); 15100, same in 8 wks, no rp (VOCKEROTH PA); 17685, same in 41d no rp (SMITH FL)

JAPAN: NHK, 5990, date/fgy "Yakko" cd in 21d air, no rp (MILLER CA); 9505, "Yakko" cds in 11-24d (TOMORI HI) (YAKKO PA) (ARNOLD CA) (MILLER CA), f/d "Japanese Doll" cd in 12d (ARNOLD CA); 9585, "Yakko" cd in 14d (GARNER ONT); 11705, date/fgy "Bamboo Grove in Mie Prefecture" cd in 18d (ROJEWski WA); 15195, "Yakko" cd in 9-16d (DAY CA) (HARDING CA) (THOMPSON NM); 15270/15300 "Yakko" cd in 40d (WATTS IN); 15420, same in 11d (GROSS VA); 17825, f/d cd, "Noh Mask of Woman" (SHAW PA)

And here's "Yakko" →

NSB, 6055/9595, antenna cd in 2 mo air no rp (BIASINI ALTA)
VOA Okinawa, 7165, date only cd in 45d air, "Bicentennial Commemorative Stamps" for 1 IRC (ISHIZAKI JAPAN); 9560, same w/time and fgy only in 8d (ROJEWski WA)

Time tells on a man--especially a good time!



KOREA (Democratic People's Republic): R. Pyongyang, 9420, f/d pc of Revolutionary Opera cast, + books pamphlets, etc in 43d air, no rp (8th f/up!) (MAHONEY IN)

KOREA (Republic): KBS, 11860, f/d cd "Namhae Bridge" + gold pennant in 65d air for 1 IRC (DAY CA)

KUWAIT: R. Kuwait, 11845, f/d folder cd in 1 mo, no rp (LEGGE VA), same in 32d, no rp (BREEDEN MS)

MALAYSIA: BBC Relay, 9725, f/d Thames cd in 12d air (BIASINI ALTA) These Thames cds are usually no data--how did you con them into giving you full data, Gary? bc

PHILIPPINES: DXCR, 2653 (2x 1326½), no data ltr of confirmation + short history of stn, in 477d air (60d aftr f/up) for 4 IRCs and MS (BODELL OR)

DXCR
1330 KHz



THE 5,000-WATT RADIO VOICE OF
MOUNTAIN VIEW COLLEGE, COLLEGE HEIGHTS
MALAYBALAY, BUKIDNON, PHILIPPINES. 8201

CABLE ADDRESS: DXCR ADVENTIST MALAYBALAY

FEBE: 11920, f/d cd, no desc. or time (DONAIS WA); 15440, f/d cd w/Philippine map showing xmttr sites, 57d air for 2 IRCs (MILLER CA)

Radio Pilipinas (VOP), 9580, f/d violet cd in 135d air for 1 IRC (ISHIZAKI JAPAN), date only ltr in 7d air (MILLER CA), cd, no desc., in 5 mo sfc for 1 IRC (BIASINI ALTA)

R. Veritas, 11800, f/d cd of studio site, Quezon City, in 138d sfc for 1 IRC and MS (ARAKI JAPAN)

VOA Relay, 15290, date only "Bicentennial Stamps" cd in 22d air (GARNER ONT)

SINGAPORE: R. Singapore, 5052, logo cd in 60d sfc, no rp (RADTKE CA)

SRI LANKA: VOA Relay, 15185, f/d "Kennedy Center" cd in 7d (BREEDEN MS)

TURKEY: V. of Turkey, 9515, date/fqy cd "Turkish Master of Humor & Children" in 20d air, no rp (GARNER ONT), f/d "Nasreddin Hodja" cd + flag in 30d air, no rp (SMITH AL); 11880, "Nasreddin Hodja" cd in 22d air, 1 IRC (SMITH MD), same in 26d air, no rp (RADTKE CA), same in 34d air for 1 IRC (ROJEWski WA)

Oceania

AUSTRALIA: ABC Brisbane, 4920, f/d blue map cd in 5 wks, no rp (VOCKEROTH PA)

ABC Melbourne, 15230, f/d blue map cd in 96d air for 1 IRC (MAYER IL)

ABC Perth, 9610, f/d Western Australia map cd in 16d for 1 IRC (ORR CO), same in 20d for 2 IRCs (GROSS VA), same in 146d, no rp (PECENKA IN)

VNG (time and fqy), 7500, f/d folder cd in 4 wks, no rp (VOCKEROTH PA)

R. Australia, 7220, 7235, 9570, 9580, 15320, 15355, 17795, 17870. f/d cds, v/s Peter Homfray or P. Koch in 132-233d sfc for no rp, 38d air for 1 IRC. "Blue Wren" (DAY CA) (NEBRON CA) (BREEDEN MS) (THOMPSON NM) (SMITH FL) (MILLER CA) (COHEN NJ), "Scarlet-Crested Parakeet" (DAY CA) (SMITH FL) (ORR CO) (SMITH MD) (MILLER CA), "Grevillea" (HINDS TRIN), "Stanley Chasm" (HINDS TRIN)

NEW CALEDONIA: R. Noumea (FR3), 7170, orange map and logo cd in 43d air for 1 IRC and FF rpt (BIASINI ALTA)

NEW ZEALAND: R. New Zealand, 9585, f/d cd of hiker and snow-capped mountains in 60d air for no rp (ENDZA CA), f/d farm scene cd in 99d air, no rp (MILLER CA), f/d trout fishing cd in 123d air for 2 IRCs (MILLER CA); 11780, f/d New Zealand scene cd in 3 mo sfc for 1 IRC (GRENIER CA), f/d cd w/bay scene and red sight-seeing car, 100d sfc, no rp (RADTKE CA); 15130, f/d cd w/view of cable car and Wellington, 13d air for 2 IRCs (PERRY QUE), f/d cd of snow-capped mountain in 31d air for 1 IRC (THOMPSON NM), f/d trout fishing cd in 16d air for US \$1.00 (ENDZA CA), same for 2 IRCs in 18d (GARNER ONT) same in 25d for 2 IRCs (SOMERS CA); 15380, f/d rugby cd in 39d air for 2 IRCs (MILLER CA) no fqy, f/d fishing scene cd in 5 mo sfc, no rp (TWIGGS CT)

PAPUA NEW GUINEA: NBC Port Moresby, 4890, f/d NBC map cd in 20d air for 3 IRCs (BREEDEN), same in 30d for 2 IRCs (TWIGGS CT), same in 19d for 3 IRCs (BIASINI ALTA) v/s on these is J. Arifeae; f/d form ltr in 159d sfc, no rp, v/s C. Ketsimur (SMITH FL). Looks like J. Arifeae cleaned out the pile of old reports that C. Ketsimur left behind--or perhaps the IRCs attracted their interest. bc

TAHITI: R. Tahiti, 11825, no data cd of native girl on beach in 35d air for 3 IRCs and EE rpt (BREEDEN MS); 15170, same cd w/fqy in 31d air for 2 IRCs and FF rpt (BOWEN NS)

South America

ARGENTINA: RAE, 9690, fqy only blue/white cd in 3½ mo air, no rp (TWIGGS CT)

BRAZIL: R. Nacional de Brasilia, 11780, map cd in 19d air for 2 IRCs (THOMPSON NM)

R. Bandeirantes, 11925, no data "thank you" cd w/pix of stn, in 96d air for MS and EE rpt (BAUMGARTNER ONT)

Nothing is all wrong. Even a clock that has stopped running is right twice a day.

CHILE: R. Minería, 11960, date/fqy form ltr w/EE/SS translation in 8d air for MS, SS rpt. v/s Manuel Vergara Llanca (GETZEL NY)

COLOMBIA: R. Santa Fé, 4965, no data cd of woman picking tall plants, 2 mo sfc for no rp and SS rpt; two identical cds were sent--one in SS and one in EE (ENIZA CA)

Em. Nueva Granada, 9682, no data ltr in 17d sfc for 1 IRC, EE rpt (MACRIS MO) Is this report correct, Randy? Em. Nueva Granada is on 6160; 9682 would be R. Nacional Bogota!

ECUADOR: R. Zaracay, 3390, date/fqy personal ltr + pennant in 33d air for 1 IRC and SS rpt (MAYER IL)

HCJE, 6095, 6130, 9560, 9745, 11745, 11915, 15115, 15300, 17780. f/d cds, v/s Sam Rowley or Herbert Jacobson, in 9-51d for no rp, 24d for MS, 23d for 1 IRC, 34d for 2 IRC, all air. "Bread dough llama" (SMITH FL)(SMITH MD)(YAJKO PA)(FOWLER ONT)(ARAKI JAPAN)(MACRIS MO)(GRENIER CA)(THOMPSON NM)(GARNER ONT)(WILLIS PA)(MEEHAN CT), "Bread dough owl" (MEEHAN CT), "Bread dough Indian couple" (ARNOLD CA), "Bread doll" (BIASINI ALTA), "Mountain" cds (BIASINI ALTA), 12th anniversary of Japanese program (ARAKI JAPAN), "DX Party Line Anniversary" (ROJEWski WA), "New Antenna Arrays" (THOMPSON NM), "Album Series #3--Ben Cummings" (YAJKO PA), "35th Anniversary QSL Series II--Power" (SMITH FL), "35th Anniversary QSL Series IV--Antennas" (SMITH FL), "Ecuadorian Echoes Series 'C' -- Window of the Andes" (YAJKO PA)

PERU: R. Nacional, 6082, no data cd of Miraflores w/thanks for listening, in 92d sfc for MS and SS rpt (HARDESTER CA)

URUGUAY: R. El Espectador, 11835, f/d plain white logo cd w/typed veri statement, in 130d sfc for 2 IRCs and SS rpt (BOWEN NS), same in 156d sfc for 2 IRCs and SS rpt (BAUM GARTNER ONT) v/s for both cds was Jorge Cubilo.

VENEZUELA: R. Frontera, 4760, microphone cd in 60d for 1 IRC and SS rpt, v/s Modesto Marchena (JONES MS). Face is too light to reproduce, but the business side is reproduced below. Jack is now a firm believer in ZIP Codes--note that it arrived in spite of the lack of city or state.

Gracias por su reportaje de fecha
y 7 de Julio de 1976
Recibido en esta el
14 de Julio de 1976

LOS DETALLES DE SU REPORTAJE HAN SIDO
CHEQUEADOS Y CONSEGUIDOS EXACTOS.

NUESTRAS INSTALACIONES SON LAS SIGUIENTES:
Transmisor 1 Kw. 47.3 Phz 8503 mds.
Antena "Delta" con direccion. no direccional
Transmisor 1 Kw. 1340 Khz. Banda Media.
Magist. frecuencia 1.5 de tercio. no direccional.

UBICACION:
UREÑA - VIA AGUAS CALIENTES

ESTUDIOS Y OFICINAS:
Carretera 5 entre Calles 3 y 4 - San Antonio, Venezuela

Modesto Marchena
MODESTO MARCHENA
DIRECTOR PROPIETARIO

Gracias por su reportaje
y esperamos pueda sintonizarnos en el futuro.

PAGA TUS IMPUESTOS
VENEZUELA 1100
3-55 27
ZONA PCS

Señor
Jack R. Jones
304 Robinhood Road 39206
U.S.A.

Ecos del Torbes, 4980, f/d SS ltr and pennant in 97d for 2 IRCs, EE rpt (ORR GO)
R. Nacional de Venezuela, 15400, date only veri ltr w/veri statement and sked, in 92d air for MS and EE/SS rpt; v/s Charlie Nash, General Coordinator (PIMBLETT ALB)

North America

BELIZE: R. Belize, 3300, date/fqy map cd in 9d air for 2 IRCs, v/s Mrs. J. Roberts (BREEDEN MS), same in 9d air for 2 IRCs (GROSS VA), same in 21d air for 1 IRC (WILLIE MA)

CANADA: BBC Relay, 9510, usual no data Thames cd w/location typed in, 34d air, no rp (MAHONEY IN)

CBC Northern Service, 5960, f/d polar bear sculpture cd in 10d air, no rp (ARNOLD CA); 9625, same cd in 14d sfc (JULL MI), same in 17d air (MACRIS MO)

CFRX Toronto, 6070, date/fqy cd w/abstract painting called "Carnival", in 7d sfc, no rp (JULL MI), same in 11d sfc (PECENKA IN)

CHU (time and fqy), 3330, fqy only "Sir Stanford Fleming" cd in 14d air (GADOUAS VT); 7335, same in 14d air (GROSS VA)

When all is said and done, more is said than done.

CANADA (continued): R. Canada International, 6085, f/d "do-it-yourself" XXI Olympiad cd in 15d sfc (MAHONEY IN), same in 21d air for 1 IRC (MEZA CA); 9655, same in 11d, no rp (WORMAN WI); 11765, same cd in 14d, no rp (SHAW PA); 15325, same cd in 24d, no rp (COHEN NJ)

COSTA RICA: R. Casino, 5954, green cd in 32d for MS and EE rpt (ESTES MS)

CUBA: R. Habana, 11725, f/d yellow circle cd + ltr in 4 mo, no rp (VOCKEROOTH PA); 11930, same cd in 72d air for 1 IRC (ROSINSKI PA); 17885, same cd in 54d air, no rp (HARDING)

DOMINICAN REPUBLIC: R. Clarin, 11700, no data form ltr w/stn description and veri statement, 477d (16d after f/up) for 2 IRCs, EE rpt (BODELL OR)

GUATEMALA: R. Cultural, 3300, date/fqy only "Quetzal bird" cd in 22d for no rp and used stamps (ORR CO)

R. Chortis, 3380, ltr w/stn description in 50d air for 2 IRCs and SS rpt, v/s Jean Marie Xhrouet (THOMPSON NM)

HAITI: R. 4VEH, 11835, f/d cd of native in front of stn, in 81d sfc for 1 IRC and EE rpt (PECENKA IN)

MARTINIQUE: FR3, 3315, date/fqy beach scene cd in 58d for MS and FF rpt (BAUMGARTNER ONT)

NETHERLANDS ANTILLES: R. Nederland Relay, 6165, f/d Edward Startz Memorial cd in 16d air, no rp (JULL MI), same cd in 12-50d rcvd by (SMITH TN)(GRENIER CA)(MILLER CA)(MEZA CA)

(BIASINI ALTA), f/d Madagascar Relay cd in 6 wks, no rp (VOCKEROOTH PA), f/d cd w/pix of Tom Meyer and his dog in 14d air (MILLER CA), same in 23d (KANNRY NY); 9715, f/d Edward Startz Memorial cd in 13d air for 1 IRC (ARAKI JAPAN), same in 64d air, no rp (GROSS VA)

Trans World R., 11925, f/d cd of studio in Bonaire, in 15d air for 1 IRC, v/s Robin Cavallaro (ENDZA CA), cd w/blue sticker in shape of a pennant, 19d for 2 IRCs (MEZA CA)

UNITED STATES: AFRIS, 11790, usual f/d AFRIS insignia cd in 36d sfc, no rp (FOWLER ONT); 15330, same cd in 36d air (BODELL OR); 17765, same cd in 7d (BREDEN MS)

KGEEI, 9615, f/d "Bay Bridge and cable car" cd in 32d air for MS (GROSS VA)

VOA, 6010, 6145, 9680, ltr, no description or time (BROOKWELL CA)(ARNOLD CA)

WINB, 15185, f/d plain white cd in 18d sfc, no rp (GETZEL NY)

WWV, 10000, f/d red folder cd in 32d sfc (GADOUAS VT)

WWVH, 5000, f/d color picture of boat in 121d, no rp (MAKISHIMA JAPAN); 10000, date/fqy "'Aloha"--sail boat" cd in 8d air (GROSS VA); 15000, date only ltr answering questions in report, 52d (MACRIS MO)

WYFR, 11805, f/d microphone cd in 12d sfc, no rp (CZERNICKI MAN); 11875, same cd in 11d sfc for MS (MACRIS MO)

Well, we made it again. Sorry, no space for the Bangladesh letter, but I'll hang on to it and hope for space in the future.

Help! Does anyone have a valid address for RRI Jakarta? A year ago I sent 'em a report with tape to the address given in WRTH. Got it back in 8 months unopened and stamped "Unclaimed". Sent another report and tape to RRI Jakarta, but sent this one to the address given in WRTH for V. of Indonesia, figuring that if they weren't located in the same building at least they might be on speaking terms with each other. Same result, but faster. Got it back in 4 months, unopened and stamped "Unclaimed". Maybe they figured out what was in the envelope and just didn't want to be bothered, but if so I'd like to know--postage is getting expensive.

Our resident linguist, Juergen Trochimczyk came up with the correct language (Chinese, and my thanks to Albert M. K. Kong) and the translation: "Railroad Crossing--2 tracks". Juergen was through here last month and picked up his last prize in person, but this one I'll have to mail. Your pennant will be in the mail as soon as I can find an envelope large enough to hold it. And, of course, a check for five bucks to HAP. Here is another that should be easily recognized and not too difficult to translate. Take a flyer at it and help out HAP--it costs you nothing.

A few reminders: language of reports is assumed to be English unless stated otherwise; a few are specifically listed as EE when another language might be assumed. Please send requests for QSL report forms to Don Johnson at SPEEDX HQ. Send Don 25-50¢ in stamps for postage and he will staple a bunch together and mail to you like a magazine. Save you time, supports the US P.O., and I get all the info that I need for this column. Or duplicate your own locally if you like. Plain paper (one side only, please) is OK, but leave at least an inch between reports and put your name and state on each report. Sending your request to me just wastes time and postage as I have to forward your request to Don. Also, I can accept only SW broadcast band QSLs--send utility reports and QSLs direct to Ken Compton. Finally, I always appreciate receiving good copies of QSLs--common or uncommon. But they must be good to reproduce. Many that I receive, I am sorry to say, are too light to reproduce properly. So if you don't think it is good enough to reproduce, throw it away; if you don't know whether it is good enough, send it along and I'll decide; and if it's really good--hurry with it! My thanks to all contributors and a hearty "welcome aboard" to the 13 first time reporters this month. Finally, this thought: Never put off until tomorrow what you can avoid altogether.

73's, Bill

9/16/76



КРУТОЙ ПОДЪЕМ

Tips and Topics

The Feature Section of SPEEDX

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

I had the pleasure of spending July and the first two weeks of August 1976 in Innsbruck, Austria, with constant access to a Barlow-Wadley XCR-30 shortwave receiver, using its built-in whip antenna, generally out of doors.

Innsbruck lies in the shadow of the magnificent Nordkette of the Austrian Alps. Despite this huge natural obstacle directly to the north, and other ranges to the south and west, no particular problems with multipath phase distortion or other obvious difficulties in reception from northerly or other directions were noted. Such difficulties were, on the other hand, more evident on medium wave, where during darkness southerly stations were dominant - Italy, Monaco, Yugoslavia, Albania - whereas the powerful West and East German stations most dominant, say, in Bavaria north of the Alps, were not particularly well received. During the day on MW, only the two local AM stations on 520 and 629 kHz were easily heard, while BR 1602 kHz was at fair strength and the rest of the band largely empty.

Shortwave Reception in Central Europe

by Dr. Richard E. Wood

Listener in any part of North America, Latin America, the Pacific and (I believe) Africa and Asia. 90% of all signals received are from Europe, the rest from the Middle East, Asia, Africa, North America, Latin America and the Pacific, in roughly that order.

A Central European SWL must learn to tolerate the dominance of his own continent on all bands at all times. A listener in Austria receives less of a cross-section of the countries of the world than does a

LOCAL STATIONS:

The local SW station serving the Innsbruck area is ORF Aldrans 6000 kHz, which relays the Tyrol regional ORF2 program from 629 kHz. Its programs are produced partly in Vienna, but in large part in the ultra-modern regional studios in Innsbruck (a cross-sectional plan of the Innsbruck studios, of strikingly original design, is obtainable free from ORF Regional Studio, Innsbruck). This SW outlet, recently increased in power to 10 kw, is intended for reception in Austrian mountain areas where MW reception is spotty, but principally across the Brenner Pass in South Tyrol, a region of German-speaking population ceded in 1918 to Italy under a postwar settlement between Woodrow Wilson and Italian Prime Minister Orlando and whose loss is still keenly felt by all Tyroleans and indeed by all Austrians and West Germans. Programs on 6000 kHz are commercial and never parallel to the ORF SW service on 6155, 9770 and its other well known frequencies. The Technical Department of the ORF in Vienna would particularly appreciate reports on 6000 kHz at this time, since the full propagational pattern of Aldrans has not yet been charted. At night, 6000 suffers from interference from Soviet and other more distant co-channel stations.

The other interesting local station is the Schulungssender des Osterreichischen Bundesheeres, the Training Station of the Austrian Army (the word Heer is generally used in Austria for what is normally called Armees in Germany). It was regularly noted on 6255 kHz with programs produced in nearby Salzburg or more distant Vienna, but mostly American pop music with few spoken items. Sign-off is 1900, when darkness is falling and more distant stations begin to interfere. Reception on the US East Coast in

midwinter is conceivable at that time.

DAYLIGHT RECEPTION:

The two above-mentioned stations are just two of the many 49-meter band outlets from different parts of central Europe which help give the 49 meter band its European name of "Europa-Band," widely used in advertising by manufacturers of European shortwave receivers. Well noted were, naturally, Luxembourg 6090, with commercial programming in German most of the day, Prague 6055, SBC 6165, Allouis 6175, Vatican 6190 mixed with weaker R. Bremen/Sender Freies Berlin 6190, RIAS 6005 with jamming, BBC 5975 weaker, RAI 5990 often carrying home service programs, and so on.

The above listed 49 meter band signals are consistent all-day listening standards. By comparison, 41 meters is more of a typical international broadcasting band, used for shorter periods with clearly external services, on differing frequencies at different times. Typical daytime signals were from Warsaw, Budapest, Tirana, etc.

31 meters is naturally a lively band in the daylight hours, with coverage somewhat beyond the confines of Europe, permitting good noontime reception of Ankara 9515, Cairo 9475, Algiers 9685, Riyadh 9720, etc. Skip distances were such that nearby SBC 9535, DW 9545, ORF 9770 and other Central European stations were weaker or more variable, whereas more peripheral stations like Norway 9590, Finland 9550 and Sweden 9630 were particularly loud.

25 meters in daylight provides Kuwait 11940, Morocco 11725, Omdurman 11835, quite often Colombo 11800 and other stations from somewhat beyond the typical range of 31 meters. Peking's noontime broadcasts to Italy and Yugoslavia on 11675 were heard only at weak to moderate strength, while the other listed frequencies were inaudible. It is hard to understand why Peking does not make use of its Albanian relay for broadcasts to Europe on SW (it does so on MW). Especially at noontime when propagation direct from China is poor, a Tirana relay could make all the difference. Of course, it would first have to provide Tirana with a relay-quality signal, but, since Peking's programs are not exactly noted for the freshness of their news content, the daytime relay could easily be a repeat of the previous evening's program. Continuing on 25 meters, AIR Delhi 11810 was good in English, afternoons.

19 meters was, not unexpectedly, the best DX band in daylight. Consistently good was R. Pakistan 15115 throughout the morning hours. AIR Delhi was sometimes heard afternoons on 15080, heterodyning Iran, whose potent signal was heard, as in much of the US, almost on a 24 hour basis. Tashkent 15125 was good certain afternoons - the only Central Asian noted. Most direct reception from the Americas, daytimes, was on this band, with VOA Greenville's morning service to Latin America on 15230 an interesting indicator of transatlantic propagation conditions in the European afternoon. AFRTS 15330 was likewise variable. RCI Sackville was usually in by dusk, with an interesting fight with a station from far to the west - Radio Pakistan - around 1630. However, it remained weak until mid-evening. African stations were heard during daylight - Nigeria 15125, Brazzaville 15190, RSA 15220, Kinshasa 15245, also BBC Ascension and, with its relay of the VOA Latin American service, on 15195. As in much of the US, 15070 is the prime BBC world service frequency for Innsbruck daytime listening. Radio Japan's General Service was identifiable - but not listenable - some mornings on 15195 or 15300.

The BBC Far Eastern Station beamed from Tebrau to South Asia and Burma on 15310 was often remarkably good - an extension of the beam would take the signal into Central Europe. This good reception of Malaysia jibes with the good late afternoon/evening reception from Hanoi, in the same general area. In winter, Innsbruck would probably be a fairly good location for tropical-band Indonesian and general South East Asian DX, although RRI was not noted this summer. But Scandinavia is naturally a much better site, and there is Indonesian DX to be heard up there even in summer.

16 meters was fairly unproductive daytimes - it is a narrow band, and crowded with Europeans and jammers - providing mostly such Asians as R. Pakistan 17655, Delhi 17840 and Iran 17735. RCI was sometimes good on 17820 before and after dust, but at other times above the MUF and inaudible.

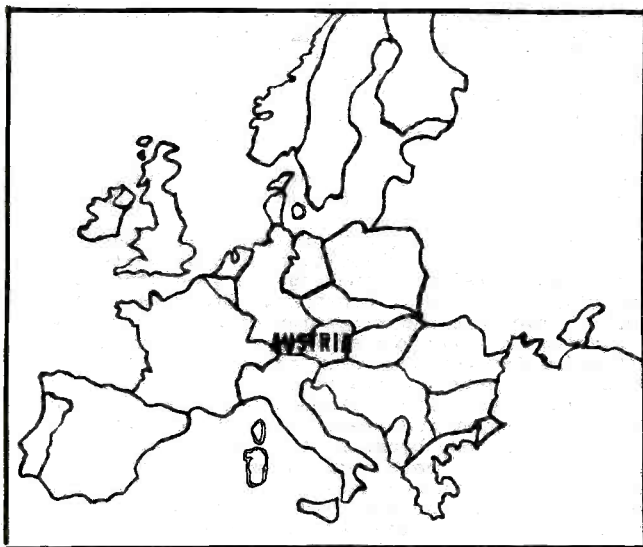
13 meters provided, from outside Europe, only RSA 21525 at fair strength early afternoons.

DARKNESS RECEPTION:

The second continent represented after Europe in the Austrian late afternoon and evening was Asia. Radio Pakistan's European service on 9460 and 11650 was generally loud and clear, likewise that of AIR Delhi on such channels as 9525, 9912, 11612, 11740 and others. Late afternoons, Delhi was heard on 7130, pointing to afternoon l.f. openings on 60 meters in fall and winter. VOA Philippines was heard on 25 and 41 meters at the same time, peaking 1600-1700 GMT, with some polar flutter, aided by its beam toward China. Numerically dominant from Asia were the dozens of different language services in European, Middle Eastern and some African languages from Peking, mostly outside the 49, 41, 31 and 25 meter bands. Some of the loudest frequencies were 6855, 7020, 9040, 9380, 9390, 9457, 9860 and 11650 kHz. Its programs in Russian around 7025-7045, 7325V, 7350V, 9280V and 9555V and elsewhere were subject to a particularly messy broad-band jamming not similar to that used against R. Liberty or RFE, and were chased up and down the band by the jammer in an irregular, frequency-switching operation.

Notably, Peking continued normal operations in all languages throughout the earthquake alert in that capital.

Notably superior in reception quality to that observed on the east coast of North America were two other Asian communist powers - North Korea and Vietnam. R. Pyongyang 9420 was very consistent, late afternoons and evenings, mostly in Russian and French, and often better than Peking on the same band. And Radio Hanoi, with its southerly location, often remained audible on 15010 kHz until mid-evening, with rather sophisticated programs in English at 1800 and French 1900 in parallel with equally well audible 10040. By contrast, the Peking



outlets between 15030 and 15100 were generally above the MUF for that more northerly azimuth. It had been suggested that the Peking transmitters used for European services are located in Western China. This is conceivable, but reception direct from Pyongyang - northeast of Peking - shows that this is not necessarily so.

By contrast with those successful Asian operations, Radio Japan was a wash-out, its European services largely wasted transmitter energy. The General Service was at times noted late afternoons on 9585 or 9735, but only because its distinctive IS cut through the general QRM enough to be recognized - not to be listened to. If NHK were to follow Pyongyang's example and operate outside the bands, its European service could make it - otherwise not. (Reception of Japan in Scotland and Scandinavia, and of Seoul inside the 31 and 25 meter bands afternoons, is significantly better than in south-central Europe.)

Africa lies south of Europe, with roughly similar daylight and darkness patterns. Hence one understands R. RSA's decision to use 4875 kHz to Europe and Africa evenings. 4875 was, in fact, the outstanding non-European signal on 60 meters evenings, second in strength only to the European Soviets on 4820, 4860, 4920 and 4940 kHz. RSA was also heard on such h.f. channels as 5980, 9585, 9660, 11900 and 15155, where the German service

at 1800 was generally weak but clear. Other Africans noted on the h.f. bands were Bamako 5990, Uganda 15325 and ETLF on several channels, but most black African nighttime listening was confined to 60 meters. ELWA 4770 was louder than on the US East Coast (is it directional inland from Monrovia?). Ndjamena 4904 also seemed louder, Colonou, Conakry, Accra, Lagos, Lome, etc., about the same as on ECNA.

From the Americas, RCI 15325 rose to good strength - at times mixed with Uganda - by mid-evening, when 11855 also began to fade in. RCI's claim that, through its cooperation with BBC and other monitoring stations, its technical problems of reception have been largely solved, was shown to be the absurdity which it is by the rather poor, variable, QRM-plagued reception of RCI's European services in Austria. In German-speaking Innsbruck, the RCI German service at 1715-1800 was rather poor, some days unusable; 17820 was not heard; 15325 was often weak, with jamming-splash and Moscow from 15330. The other evening European services on 15325 and 11855 were plagued by jamming, fading, sideband splash, co-channel QRM, etc. The BBC relays were variable--especially those in the crowded 49 and 41 meter bands during darkness.

Reception of VOA was just fair in Innsbruck. In a number of languages, it was heard on at least one frequency. But the audio quality of the relays was often muddy, and in certain languages the relays contained a goodly proportion of garbage - CW, telemetry, etc., mixed in. On the whole it could be said that, in central Europe, VOA is not a dominant station easily obtainable round the clock with a sharp penetrating signal and good audio, in contrast to BBC, DW, Moscow, Tirana, Prague, Budapest, Sweden, SBC, RTE and other leading European-based broadcasters.

WYFR was rather well heard - better than I had expected - throughout the evening on 15440, and later elsewhere in Spanish. WINB was also heard.

From Latin America, the dominant signal was, not unexpectedly, HCJB, with its evening European service on 15300 and 17775, both of them well-chosen, interference-free frequencies which faded in and rose to good strength around 1900. Around local midnight, HCJB in Spanish to Spain was also loudly heard on 9635. Quite a surprise was reception of HCJB's morning English release to North America on 15115 kHz at very good strength until the sign-on of RFE's Bulgarian service there at 1557; in fact, a similar situation can be noted in North America at that time. This was good daylight-to-daylight propagation. TWR's short evening services for Europe were loud on 15270, in Norwegian and French. To those North American SWL's accustomed to ubiquitous, booming signals it would be pleasant relief to hear that Havana was noted only once, on 17705 kHz at 1900. The European and Mediterranean services of Havana were simply not heard. In fact, Havana was not better than Radio Grenada, whose effective, flea-powered British Isles service was also heard about the same time, on 15105. Radio Nacional de Brasilia in English to Europe on 11780 was loud, but mixed with Riyadh. RAE 11710 was poor, its German release inaudible. By 2200 some east coast South Americans were coming in on 60 meters - Brazilians on 4985, 4935, 4855 etc., with the usual Venezuelans by around 2300. Due to the all night jumble of European and Arab stations on 49 meters, no Latins were noted there. Disappointing.

Concluding with reception from the Pacific, the morning Radio Australia European service on 9570 was rather poor and weak, sometimes splashed by BBC 9580. Late afternoons, around 1600-1730 sign-off, ABC 9770 was sometimes noted, over or under ORF, and 7215 was rather clear pointing to possible dusk l.f. openings from Australia, New Guinea and the western Pacific in the fall. But Australia was noted on fewer frequencies and at more limited times than in Scotland (or Scandinavia). There was no reception, for example, at Australian dawn, around 1900 GMT. Nor was there a trace of Tahiti or other Pacific stations. 0700-0800 is the time, in Britain, to look for New Zealand, Australian regionals, West Coast US, etc., but such bands as 31 meters were swamped by Europeans than.

As Innsbruck is not far from Czechoslovakia, Hungary, etc., it is interesting to consider the effectiveness there of jamming. As in the US, the jamming of RL was more intense than that of RFE. The RFE Czech service was consistently jammed, but generally still intelligible on 15250, 15350, 21720 etc. The Polish service likewise, on 15145. There was no jamming

of services in Hungarian 15170 or Rumanian 15215, and not much of Bulgarian 15115 and 15385. The only DW service observed as being jammed was that in Czech. The only BBC service jammed was German, evenings on 6195 and 9600. The jamming signal was only a slight annoyance. It seems strange that, with such a variety of German-language western stations which listeners in the GDR can pick up, the only two on SW to be jammed are RIAS and BBC. Yet the commentaries on GDR domestic politics on DW, are every bit as provocative as anything BBC provides. BBC Russian, by contrast, was unjammed on 9915 and elsewhere. On certain evenings, RL transmitters on 16 and 19 meters would dominate; on others, they were skipped out but the Soviet jammers were still loudly present. Particularly unpleasant jamming, consisting of distorted Soviet home service programming, was noted against Israel 15100. This resembled, but was not identical to, the distorted jamming of Radio Peking.

One station remarkably consistent in strength and freedom from QRM at all hours was Voice of Hope 9670. It is interesting that this rather new station should have been able to carve out an undisputed personal channel in the middle of a very crowded band. However, the economic future of this expensive operation remains to be seen. Its frequency-use policy seems wiser than that of the European religious broadcaster, TWR Monte-Carlo, with its many short releases at irregular times and on different frequencies. TWR Monte-Carlo was also noted for the first time outside the band, on 6250 kHz, directly below the Austrian Army station, early evenings in East European languages.

75 meters was a useful band for European listening evenings - SBC 3985 the outstanding signal, as also daytimes, and VOA Munich 3980 good though splashed. There has been some discussion as to the power of VOA 3980 recently. I can only report that, when I visited Munich two years ago, the transmitter which I saw in operation was rated at 35 kw, not 8 kw. BBC 3952.5 and 3975 were weaker, and RFE 3960 was intensely jammed. DW 3995 was mixed with RAI (in fact, it usurped this well-established Rome Frequency) and, after RAI's sign-off, a teletype was noted (from East Europe?)

To summarize, there are no advantages for a DXer in a South Central European location. He is in the middle of Europe, with its politically active, radio-conscious neighbors of North Africa and Asia not far off. This is his main diet. The Americas seem far away, and interesting Latin Americans must be sought mainly in the 60 meter band - there, the main signals are about as in ECNA. Africa is certainly no better than on ECNA, in fact it is worse, since there is little chance of getting h.f. Angolans, interesting West Africans on 41 meters at the late Gulf of Guinea dawn 0700-0900 as often happens in the US, etc. South Asia is better than on ECNA, and a few interesting AIR regionals, Azad, Kashmir, etc., could doubtless be collected in fall and winter - but the stock of interesting stations there is limited. High-frequency South East Asians such as BBC FES and Hanoi are definitely better than on ECNA, and there is the promise of DX from that region in winter, but largely confined to the tropical bands because of the dominance, elsewhere, of Europe. Scandinavia is the one part of Europe where really interesting DX is consistently possible. The North American DXer, despite HCJB, Havana and Greenville, has it better - and the DXer in Hawaii has it better yet, as I know from experience - in distance from the superpower-saturated Old World. While an American DXer would doubtless enjoy a trip to Central Europe, he would be happy that he does not live there.

BURMA BROADCASTING SERVICE

by Adrian M. Peterson

A few weeks ago, I spent an interesting week in Burma, visiting Rangoon, and also one of the central areas of the country towards Mandalay. While in Rangoon, I spent some time observing the installations of the Burma Broadcasting Service. This is their story.

Back in the late 1930's two small transmitters were installed in Rangoon. One was a sender of only 100 watts, operating with the call-sign XZZ on 3844 kHz, and the other was a 1½ kw outlet operating with the unlikely

call-sign XYZ on the frequency of 6007 kHz. These transmitters were in use for some years with a limited number of transmission hours per week. It was in the late 1940's that a MW outlet was introduced with 5 kw on the frequency of 955 kHz - a channel which is still in use today. At about the same time, another SW transmitter of 7½ kw was also installed.

In the late 1950's, the Burma Broadcasting Service changed its location from Windemere Crescent to its present locale on Promé Road in Rangoon. This change was brought about in order to modernize its studios and equipment; and to introduce a new set of MW and FM transmitters. By this time, all transmitters on MW and SW were operating under the one call-sign XZK with an output of 50 kw.

Interestingly enough, the old 5 kw MW transmitter from the original location was installed in the new building and was tuned to the frequency of 1150 kHz. This outlet bore the call-sign XZK8 and was in use for about five years.

The FM transmitters were all of 250 watts and were tuned to the frequencies of 100, 102, 104, and 106 MHz. Two of these frequencies are still listed today in the WRPVH but do not seem to be on the air. While in Rangoon, however, I did hear two FM outlets on about 92 and 97 MHz with no programming but only an open carrier.

The Burma Broadcasting Service today operates three broadcast transmitters of 50 kw each. The MW outlet of 955 kHz is on the air daily from 0030-1600 GMT in parallel to one SW outlet which is switched to either the 60, 41, or 31 meter bands according to propagation conditions. Another outlet on 4725 kHz is used daily from 1100-1415 GMT to carry regional programming for rural listeners. English language programs can be heard three times daily at 0200, 0700, and 1430 GMT.

WRITE IN TO WIN

by Brandon Lovett

The UPI picked up a story on the Voice of Vietnam, published in the Dayton Daily News, August 8, 1976.

"Radio Hanoi, of all things, has turned to hucksterism," states the article. "The shortwave station, known officially as the Voice of Vietnam used to feature only deadly serious recitations of pro-Hanoi propaganda. Now it has introduced a listener write-in contest."

According to the article, 112 grand prizes will be offered in the contest, "What Do You Know About Vietnam?" The contest consists of five essay Questions. There are two first prizes, 10 second prizes, 100 third prizes and a number of consolation prizes.

The article states, "Why this serious, usually dull station is trying a western gimmick to boost its listenership is not known. Question No. 5, which asks for listeners opinions of Radio Hanoi programs - the best, most interesting, and least interesting features - may be the answer." The dispatch goes on to say that whatever the reason for the contest, the purpose is still to boost Vietnam Communism. For example, question No. 4 is quoted as being on "the US imperialist war of aggression in Vietnam," asking the size of US troop deployment at its highest, the number of bombs dropped on Vietnam, and the cost of the war to the American people.

Of course, anyone who has been DXing or SWLing for any amount of time knows that there is nothing unusual about a Communist SWBC station holding an essay contest. But it is nonetheless interesting to have a US press association pick up an item on a shortwave broadcaster. (This was also broadcast by the ABC Contemporary Radio Network).

|||||

Well, that's it for this month of Columbus. Just keep sending in those articles. I remain, Best Wishes and 73's *Arthur* Arthur.

OCTOBER 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 | ARAKI, TAKEHIRO-JAPAN | 1 | GREEN, DALE | CA | 4 | OWSLEY, BENTON | CA | |
| 5 | ARNOLD, WILLIAM | CA | 4 | GRENIER, PETE | CA | 5 | PEGENKA, JOE | IN |
| 2 | ASTON, DONALD | OH | 5 | GROSS, SKIP | VA | 4 | PERRY, COLIN | QUE |
| 4 | BAUMGARTNER, B. | ONT | 2 | HAMBRIGHT, JEFF | NJ | 1 | PETERS, DAVID | KY |
| 4 | BEAL, BART | WA | 4 | HAMMER, DAVID | OH | 2 | PIMBLETT, N. | ALB |
| 2 | BENSON, GLENN | VA | 3 | HARDESTER, MIKE | CA | 1 | POPE, STAN | FL |
| 1 | BIASINI, GARRY | ALB | 3 | HARDING, BARRY | CA | 1 | PRATER, WADE | OR |
| 3 | BIXBY, MARK | CA | 2 | HAUSER, GLENN | TN | 1 | RADTKE, CARL | CA |
| 3 | BODELL, BOB | OR | 1 | HECKENLIVELY, BOB | SD | 2 | RAIFORD, OLEN | FL |
| 1 | BOWEN, PETER-N.S. | CAN | 1 | HICKMAN, MEL | OR | 2 | REDMAN, RON | IL |
| 2 | BREEDEN, BILL | MS | 1 | HINDS, RON | W.INDIES | 4 | ROJEWSKI, DON | WA |
| 1 | BROOKS, ALAN | CT | 2 | HOLBROOK, HANK | MD | 1 | ROMANT, DAVE | MI |
| 5 | BROOKWELL, LARRY | CA | 1 | ISHIZAKI, Y. | JAPAN | 4 | POSINSKI, FRANCIS | PA |
| 1 | BUEHLER, LOUIS | MO | 3 | JAKUBIAK, DAVE | MI | 2 | SAPSFORD, DAVE | ENG |
| 4 | BUTTERFIELD, BOB | MA | 4 | JONES, JACK | MS | 3 | SHAW, BILL | PA |
| 2 | CAWTHORNE, C | ENG | 3 | JUNOUA, GIB | JAPAN | 1 | SHEPARD, DANNY | NY |
| 2 | CHABAK, MIKE | CO | 5 | KANNRY, JOE | NY | 2 | SHRADER, JAN | OH |
| 1 | CLEVELAND, BILL | CA | 1 | KASDAY, MORTON | NJ | 2 | SMITH, DAVY | AL |
| 5 | COHEN, JON | NJ | 1 | KIYOMIYA, T. | JAPAN | 1 | SMITH, EUNICE | MD |
| 1 | COMPTON, KEN | MA | 1 | KOIZUMI, H. | JAPAN | 4 | SMITH, TOM | FL |
| 1 | COOK, MEL | MN | 3 | KUKAN, BOB | NJ | 2 | SMITH, WOODY | TN |
| 3 | CRABLE, VERA | ID | 2 | LEGGE, ROGER | VA | 2 | SNYDER, DOUG | CA |
| 1 | CREWS, DEMPSEY | FL | 3 | LORDO, BOB | SC | 4 | SOMERS, JACK | CA |
| 1 | CUNEO, RICHARD | NY | 2 | LULL, GARY | MI | 1 | STUART, ALLAN | MA |
| 2 | CZERNICKI, WAYNE | MAN | 3 | MAGRIS, RANDY | MO | 3 | TANNENWALD, LEON | NY |
| 1 | DAIRYMPLE, M | AUST | 1 | MAHAFFEY, TUULA | OH | 5 | THOMPSON, GLENN | NM |
| 3 | DAWSON, ARCH | CA | 1 | MAHONEY, MIKE | IN | 1 | TOMORI, ROBIN | HI |
| 1 | DAY, EDWARD | CA | 3 | MAKISHIMA, J. | JAPAN | 1 | TRAUTSCHOLD, JOHN | WI |
| 2 | DENISSEN, JOOST-HOLND | 1 | MATTHEW, RICK | BC-CAN | 3 | TROCHIMCZYK, J. | DC | |
| 1 | DENNIS, AMEL | IN | 1 | MAYER, ALAN | IL | 2 | TRUBEE, BILL | HI |
| 1 | DONAIS, JACK | WA | 3 | MEEHAN, JIM | CT | 1 | TWIGGS, DAVE | CT |
| 5 | DULMAGE, BILL | ONT | 6 | MERCADO, MARJO | CA | 2 | VECCHIOLA, JAMES | PA |
| 4 | EARHART, KEN | PA | 1 | MEZA, DAVID | CA | 1 | VILARO, NARCISO | PR |
| 1 | ENDZA, MICHAEL | CA | 1 | MIKLEJEWSKI, S. | MN | 1 | VOCKEROTH, JOHN | PA |
| 4 | ESTES, SNAPPER | MS | 3 | MILLER, AL | OH | 2 | WAKISAKA, S. | JAPAN |
| 3 | FAMULARO, RALPH | NJ | 4 | MILLER, BILL | CA | 3 | WALLMAN, JAMES | MN |
| 3 | FISCHER, JOHN | PA | 2 | MITCHELL, RICH | CA | 1 | WALTERS, JOHN | NJ |
| 2 | POWLER, GARRY | ONT | 3 | MULLEN, WES | MT | 6 | WATTS, GREG | IN |
| 2 | FREED, STEWART | QUE | 3 | NAYLOR, SPENCE | CA | 3 | WILLIS, FRED | PA |
| 2 | FRENCH, BOB | MD | 3 | NEBRON, LARRY | CA | 1 | WILSON, BOB | AZ |
| 2 | GADOUAS, AARON | VT | 2 | NEWIRL, COLIN | BC-CAN | 3 | WOITMAN, FRANK | WI |
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| 4 | GETZEL, ARTHUR | NY | 2 | OLSSON, ERIC | CT | 4 | WYLLIE, SUSAN | MA |
| *3 | GION, JOHN | MA | 5 | ORR, TONY | CO | 3 | YAJKO, BOB | PA |
| | | | | | | 3 | ZILMER, BOB | WI |

Again I had to omit the showing of receivers. 136 reporters, 4 less than last month, but again a figure unsurpassed by any shortwave club in North America. A big welcome to 14 first time reporters: William Arnold, CA; Garry Biasini, Alb, Can; Richard Guneo, NY; William Dulmage, Ont, Can; Stewart Freed, Que, Can; Aaron Gadouas, VT; John Garner, Ont, Can; David Hammer, OH; Robert Lordo, SC; David Meza, CA; Joseph Pecenska, IN; Stanley Pope, FL; Jan Shrader, OH; and Frederick Willis, PA.

I am wondering what to do about this page this winter when DX will be much better than it is at the present time. True, I can omit any mention of the number of reporters, also omit the showing of first time reporters, that will give me more space for more names and credits. Then what? Your suggestions are welcome, my address is on the Keynote page. I will see that you get credit points for your suggestions. SPEEDX is a big "boy" now, you have noticed that SPEEDX has expanded, more planning is being done. SPEEDX is on the move, Hi.

Over

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