

SPEED X

*the dx radio magazine
for active shortwave listeners*



HAPPY MOTHER'S DAY!!!

may 1980

vol. x no. v



KEYNOTES



Editor: OLIVER ELLSWORTH

2043 West 75th Street, Los Angeles, California 90047

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

CONGRATULATIONS TO 8 NEW FULL MEMBERS

NAN BINAU HAGERSTOWN, MD	MARK CHINSKY FLUSHING, NY	MARK ERAMO STONEHAM, MA	GORDON DRAESEKE BAYWOOD PARK, CA
DONALD GODFREY ONTARIO, CANADA	ROBERT ROSS ONTARIO, CANADA	LEONARD STOCK LOVELAND, CO	NOBUAKI TAKAHASHI TOKYO, JAPAN

Certificates of Full Membership and a copy of the SPEEDX constitution were mailed to each of the above in April 1980.

SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

MIKE BURK MINNEAPOLIS, MN	R.W. FARMER JACKSON, TN	VIRGINIA SLICK WILLIAMSPORT, MD	SAM MASLANEY PITTSBURGH, PA
ROBERT QUICK BLOOMINGTON, IN	NEVILLE CRICK NORFOLK, ENGLAND	FRED JOHNSON BOLINGBROOK, IL	C.M. STANBURY II ONTARIO, CANADA
NORBERT BONER COVINGTON, TN	JOHN MORET ST. PAUL, MN	PETER CAMPBELL ANN ARBOR, MI	GEORGE DERRINGER DAMARISCOTTA, ME
JAMES JUNTUNEN WAUKESHA, WI	PAUL ZEHR ELY, NV	JAMES WARNER SAN PEDRO, CA	MARGARET KRAUSE OCONOMOWOC, WI
ALBERT RICCIUTO ROCHESTER, NY	SANFORD SMITH ARCADIA, CA	DAVID BURKE TOLEDO, OH	WM. BRACKENRIDGE MARINA DEL REY, CA
WILLIS STODDARD ORANGE, CA	RICK MORTENSEN REXBURG, IDAHO	RANDY HILL MEMPHIS, TN	THOMAS YINGLING JR BALTIMORE, MD
MARK DROLIAS DEARBORN, MI	PORTER MARTIN HOMER, GA	HENRY STEIN CAMPBELL, CA	GARY CARLSON STERLING HTS, MI

We thank the 28 new members for joining SPEEDX and the few that are re-joining after a short lapse of time. (not listed) We hope that all of you will be active members by supporting the various sections.

CENTRAL DISTRIBUTION EDITOR

For your convenience and to help you fight inflation, Peggy Thompson, 2706 Alabama St. La Crescenta, CA 91214, is our designated CDE. She will forward your "goddies" to the respective editors. Keep in mind that Peggy's deadline is the 7th of the month, whereas the editors deadline is the 12th of the month.

AWARDS PROGRAM

The Pacific Listener Award is now available. The initial award is for 10 stations heard from Oceania with seals for 15, 20, 25 and 30 stations heard. This award is for Full Members and Associate Members (50¢ & 75¢). They may be obtained by sending the required information and amount to the Award Chairman: Jack R. Jones, 304 Robinhood Road, Jackson, MS 39206.

WRTH 1980

The 1980 WRTH is available for immediate shipment at \$15.00 postpaid U.S. and Canada. Add \$1.00 for first class. A varying supply of 1977, 1978 and 1979 WRTHs is available, same price. Any 2 diff., \$28; any 3, \$39; all 4, \$48. Communication World 1979 and 1980 and several other current and out-of-print items by Davis Pub., Communications Handbook 1978 (Ziff Davis). and other radio & computer magazines & books are available near wholesale cost

cont. next page

as a non-profit service to fellow club members. A complete list is available for a SASE. WRTH orders should be accompanied by check or money order (IMO only in Canada) payable to Donald Erickson, 6059 Essex St., Riverside, CA 92504. 714-687-5910 7:00 PM PST to midnight and weekends.

FEDERAL FREQUENCY DIRECTORY

Robert B. Grove, the author of volumes 2 & 3 of the well-known Confidential Frequency List, is announcing the release of the Federal Frequency Dir. The FFD contains more than 100,000 discrete listings of frequencies, agencies and location of US Government radio communications installations. The FFD is 100% official; no hearsay inaccuracies from private collections. Agencies and departments listed include Treasury, Justice, FCC, Air Force, Army, Navy, NASA, FAA, State, Interior, Commerce and many more. Just what the UTE DXers, SW listeners and scanner buffs are looking for. Advance orders \$14.95. SPEEDXERS will receive the first copies. Grove Enterprise, Inc. Route 1 Box 156, Brasstown, North Carolina 28902.

ANARC 80

Pete Grenier, ANARC Publicity Chairman is looking for 35mm slides of past conventions, to be used in a presentation at ANARC 80, to be held July 18, 19 and 20 at the campus of the University of Calif. at Irvine. Please mark your slides with your name and address. All slides submitted will be returned after the convention. Mail to: Pete Grenier, 927 North Pasadena Ave. Azusa, CA 91702.

Now is the time to get your registration in, ANARC 80 offers the largest "All Wave" convention yet. Registration forms may be obtained for a #10 SASE from: Convention Chairman, Stu MacKenzie, 16182 Ballad Lane, Huntington Beach, CA 92649 USA. Those planning to attend include: Ian MacFarland, DX Digest host on Radio Canada International, George Wood, editor of Sweden Calling DXers, Radio Sweden, J.M. Frost and Andy Sennitt of World Radio TV Handbook, Takahito Miki of the Japan BCL Federation and DXer of the year (1979) Mike Hardester of San Diego. Many representatives of radio manufactures plan to be there, Grant Manning of Radio West, a rep. from Ham Radio Outlet. R.L. Drake Co., Kenwood, Panasonic and Sony.

Larry Brookwell has been grounded pending an eye cataract operation, so he is offering \$25.00 for a ride to and from the convention. He would like to be picked up in Imperial Beach, Friday AM July 18 and returned Sunday the 20th. Telephone 714-429-9728, address 1826 Cypress St. San Diego, CA 92154.

RTTY/CW VIDEO DISPLAY

Jim Verlings, 3908 Kelly Dr, Klamath Falls, OR 97601, is interested from anyone who has had experience in using any of the various brands of RTTY/CW video display units. If sufficient in-put is received, Jim will use it for the basis of a report in SPEEDX.

RADIO WEST

As I was about to close out this page, I received a vary attractive catalog #4 from Grant Manning. Front cover includes Radio West & friends, then 20 pages of pictures and items including a little history about Radio West. The postage to mail the catalog came to 28¢. I suggest, if you are interested in receiving a copy, send a 28¢ postage stamp to Radio West, 3417 Purer Rd. Escondido, CA 92025.

RADIO TELETYPE

A list of Radio-Teletype Stations are available for \$4.00 Canadian money from: Pierre Gagnon, 678 Bastien St, Jerome, Quebec, Canada J7Y-2X8. List includes frequencies, call signs, name of station, time & details.

SPANISH REPORT FORMS

Spanish report forms are available at \$1.75 per package of 10 forms from Paul Brewer, 4219 Shady Oak Drive, Ooltewah, TN 37363.

BOOK REVIEW

Ollie Ellsworth, our Managing Editor has graciously turned over part of his column to your publisher so that I could do a review of Arthur Cushen's latest literary offering.

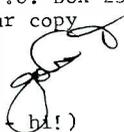
I recently received a copy of Arthur Cushen's new book, "The World in My Ears", stated as being "The exciting story of a world famous radio listener and his fascinating hobby described in simple non-technical terms." I'm sure that most of you are familiar with the name Arthur Cushen, especially those who regularly listen to either Radio New Zealand of Radio Nederland. Mr. Cushen has been a broadcaster since 1960 on RNZ, and since 1966 has done DX reports on R. Nederland. He is also a very accomplished DXer, being involved in the hobby for 45 years with confirmations from over 2400 MW, and 4700 SW stations. This is quite a feat for anyone, and even more so for someone who has been blind for most of his life!

Some of the subjects he includes in his book include how radio listening began for him, wartime radio, the value of international news broadcasts, the problems he faced going blind, and his later helping of international stations to choose propagation paths for better reception. In the first part of his book, there are some very fascinating pictures of oldtime radios, as well as some oldtime radio personalities!

How many of you have ever seen a QSL from VLQ, the ABC station at Pennant Hill, in Sydney? How about the 1932 Airline Allwave Superhet, one of the first receivers with calibrated SW bands? The second part of Arthur Cushen's book deals with the hobby of SW by explaining what SW is for those uninitiated, types of receivers and what to look for, setting up and operating, antennas, time conversions, foreign language broadcasts from both international and "local" stations, SW propagation, MW broadcasting, and the hobby of Shortwave listening. Although many of these topics have been covered in previously released books for the beginner in SW, Mr. Cushen not only talks generally about the topic, but adds his own very valuable insight into it. Being so actively involved in both the broadcasting end and the listening end of shortwave radio has given him a perspective that not many DXers presently hold. Again, in Part 2 of the book, there are many fascinating pictures of broadcasters whom we have all heard many times, but never have seen. There is also loads of information and pictures of various antenna farms, transmitter and studio facilities. All told, quite informative.

Both hard and soft cover editions of the book are available. However, only the soft cover books are available overseas (from Australia). Write to Gilfer Associates for your soft cover copy. The address is P.O. Box 239, 52 Part Avenue, Park Ridge, NJ 07656, and enclose \$11.95 for your copy of this fine book.

COVER DESIGN FOR MAY

Many thanks again this month to our CDE, Peggy Thompson (Schepp ) for the fine cover design. We sure do appreciate the help given us lately with your designs Peggy, and the others that have been sending them too!

FOR SALE ITEMS

Drake SPR-4 with external speaker, crystal calibrator, free noise blanker. Modified for AGC control and BFO on-off. \$350.00 shipped prepaid UPS. Also, Collins R-390A/URR in cabinet with step down transformer speaker, Autek QF-1 audio filter, all cables, connectors, and manuals, extra tubes. \$400.00 shipped prepaid UPS. Contact Bob Zilmer, 9016 W. Mt. Vernon Ave., Milwaukee, WI 53226 or call (414)774-1495. (No collect calls please)

For more For Sale items, see page 55, under contributors' list.

PUBLISHERS NOTE: Due to circumstances beyond our control there will be no UTILITY column this month. Hopefully Ken Compton will return next month with more Utility information. Please continue sending loggings to Ken for next months bulletin. Thanks. (jrt)

PROGRAM

MAY 1980

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

PANORAMA

AUSTRIA...The popular AUSTRIAN SHORTWAVE PANORAMA has been retimed to North America. Tune in Sunday morning at 1230 GMT for this excellent DX program. The current frequency is 21655. (Direct)

CANADA...There's exciting news from Radio Canada International in Montreal. Beginning this month, RCI will relay the popular program SUNDAY MORNING to North America and the Caribbean. The three-hour CBC public affairs program can be heard each Sunday from 1300-1600 GMT on 9580 kHz to North America. 17880 can be heard from 1300-1400 and 17710 can be heard from 1400-1600, both frequencies to the Caribbean. (Direct).....The change to Daylight Savings Time in North America will cause RCI to have 5 broadcasts in English each evening to North America and the Caribbean. The additional broadcast can be heard at 0000 GMT, and it will feature the same programming that can be heard in the following four transmissions. An exception is the DX DIGEST on Sunday. There are plans to make the 0000 GMT edition of the DX DIGEST a special one, featuring a complete program of Glenn Hauser DX news. (Direct).....May 20 has been set as the date for the referendum in Quebec on sovereignty association. This vote is of great significance as to the future of Canada. Tune in to RCI for the returns and analysis of the results. (Woody Seymour, Jr., NC)



CHILE...La Voz De Chile has English programming at 0000, 0130, 0230, 0330, 1000, 1100, 1230, 1700, 1800, 1930, 2100 and 2200 GMT. Each broadcast is 30 minutes in length and features news commentary and music. Frequencies have been varied of late, but they use the 16, 19 and 25 meter bands. (Alan Plotnick, CT)

EGYPT(Arab Rep. of)...Here is an update of the Radio Cairo English schedule to Europe from 2215-2345 GMT as presented in the December 1979 edition of Program Panorama. Note that the programs listed replace the ones mentioned in the December column. A WEATHER REPORT has been added daily at 2340 GMT. Mon 2220 SPORTS IN EGYPT 2315 EGYPT TODAY/ARABIC POETRY 2330 ARAB MUSIC GROUP; Tue 2220 WOMAN'S CORNER 2320 EGYPTIAN MELODIES; Wed 2320 OUR MEDICAL AND SCIENTIFIC WORLD; Thu 2218 ORIENTAL MUSIC 2220 WORLD OF ENTERTAINMENT 2325 15 MINUTES WITH...; Fri 2218 ORIENTAL MUSIC 2220 ANCIENT EGYPTIAN CIVILIZATION; Sat 2220 STAMP COLLECTORS' CLUB 2315 MEETING IN CAIRO 2335 ORIENTAL MUSIC; Sun 2245 WITH THE LISTENERS extends to 2315 GMT, 2325 ALBUM REVIEW. The other programs listed in December remain unchanged. (Stephen Proom, UK)

GREAT BRITAIN...Highlights on BBC World Service in May: DETECTIVE is a series of 13 programs featuring stories of crime and detection in London. Tune in Tuesday @ 1715 and 2330, Wednesday @ 1215 GMT..... COUNTRY STYLE is a new series featuring the best of American and British country music. Listen Sundays @ 1900, Mondays @ 0730 and Wednesdays @ 0430 GMT.....THE LONDON SYMPHONY ORCHESTRA AT 75' is a series of 4 programs on Mondays @ 1400, Fridays @ 0230 and 2030 GMT.....ROCK SALAD is a new series which replaces MATTHEW ON MUSIC in the Saturday 1030, Monday 1615 and Wednesday 2330 GMT slot. It features the return of well-known DJ Tommy Vance. Each week "heavy metal" fans will be treated to a mixture of the best of rock on record, including live recordings and archives material.....TCHAIKOVSKY AND HIS WORLD is a must for classical music fans. The series is scheduled for Saturdays @ 0830, Sundays @ 0330 and Fridays @ 1430 GMT.....YUGOSLAVIA looks at the uncertainty existing in that country today on the 19th @ 1000 & 2130, 21st @ 1615 GMT.....THE RAILWAY THAT CHANGED A CONTINENT tells the story of the East African Railway from Lake Victoria to Mombasa, Kenya on the 3rd @ 1130, 4th @ 1830 and 6th @ 0230. (London Calling 5/80) There's more to come, so keep on reading.....

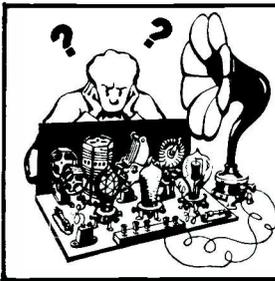
GRENADA...(Bill Schaap, DC) "I recently spent a few weeks in Grenada during which I visited the Radio Free Grenada studios on the Mourne Rouge hillside overlooking the famous Grand Anse beach. I spent some time with the Chief Engineer, Dalton Lashley, in an attempt to learn the future shortwave plans of RFG. Most significantly, Lashley assured me that there were plans for separate shortwave programming within (hopefully) several months. As listeners will know, present shortwave broadcasting simply cuts in to the regular local programming at about 1945 GMT and stays with it until about 2400. (Incidentally...the European beam on 15105 is used until sometime between 2145 and 2215, when the transmission is switched to the North American beam on 15045) Staying with local programming has numerous disadvantages, not the least of which is commercials. Additionally, shortwave broadcasting will often commence in the middle of a program and, what is worse, end unceremoniously in the middle of another. Separate programming will end that problem...A major difficulty stems from the fact that major government speeches and events usually begin at 8 PM local time(2400 GMT), just as shortwave broadcasting ends. Although the shortwave time schedule will probably be maintained, this difficulty will be corrected by separate programming, because speeches and the like can now be recorded and rebroadcast the following afternoon on shortwave... Personnel at RFG also indicate that, with the advent of separate SW programming, there will be a real effort to include a regular program with the latest calypso, soca and reggae." (Editor's Note: Does this mean the end of the OBITUARIES program on shortwave? Seriously, I'd rather have the present local programming than taped speeches and the like. There's something to be said for domestic programming relays.)

IRAQ...Follow the events of the current dispute between Iraq and Iran on Radio Baghdad. Their programs include Daily NEWS; Mon WITH THE WORLD PRESS; Tue VARIETIES; Wed CULTURAL PROGRAM; Thu VOICE OF PALESTINE; Fri POST BAG CORNER; Sat TOUR IN THE IRAQI CITIES; Sun ECONOMIC PROGRAM. All of these programs are followed by PRESS NEWSREEL daily. Arabic songs are featured between programs. (John Pavelka, NY and Bob Zilmer, WI) (Editor's Note: Thanks to Bob for his long years of service to SPEEDX. Hope that your retirement will give you more time for SWling and DXing)

ISRAEL...Here's the schedule of English programs from Israel Radio Shortwave--NEWS begins each broadcast, followed by: (for 2000, 2230 and 2400/0000 GMT broadcasts) Sun CALLING ALL LISTENERS & DX CORNER; Mon ISRAEL MOSAIC, SPECTRUM; Tue ISRAEL POP SOUND; Wed FORUM, ULPAN OF THE AIR; Thu STUDIO 3, FREQUENCY SCHEDULES; Fri THANK GOODNESS IT'S FRIDAY; Sat THIS WEEK. (for 0100 and 0200 GMT broadcasts) Sun CALLING ALL LISTENERS & DX CORNER; Mon ISRAEL MOSAIC; Tue SPECTRUM, ULPAN; Wed FORUM; Thu STUDIO 3; Fri TGIF; Sat ISRAEL POP SOUND or TIME-OUT (sports), GOODLY HERITAGE(history). (for 0500 GMT daily) NEWS. (for 1200 GMT broadcast) Sun ISRAEL MOSAIC; Mon SPECTRUM, ULPAN; Tue MAIN-STREAM(local scene) or TIME-OUT; Wed FORUM; Thu STUDIO 3; Fri TGIF; Sat THIS WEEK. (Lawrence Magne, PA)

MALTA...MALTA CALLING, the program produced by Xandir Malta is on every Saturday morning at 0700-0800 GMT in English. The frequency of 9670 offers good reception. The program includes Mediterranean music and four features. Typical features are MALTA, THE TOURIST PARADISE, a topicality and news from the world. (John Pavelka, NY)

USSR...Have you ever wondered what sort of spoken word programs are featured over Radio Moscow's Domestic Services? For those of you who can't understand Russian, SPEEDXer Bob Bodell of Portland, OR sends the following information from the BBC Monitoring Service. All items from BBCMS are copyrighted and may not be further reproduced without BBCMS approval...The "First Program" features INTERNATIONAL DIARY, LAND AND PEOPLE, PRAVDA PRESS REVIEW, PIONEERS REVELLE, ON YOUR MARKS, FOR ADULTS ABOUT CHILDREN, HELLO COMRADE, VOICES OF FRIENDS, MAN AND THE COSMOS, I SERVE THE SOVIET UNION, CONSUMER SERVICES, SATIRICAL MICROPHONE, MAN AND LAW, INTERNATIONAL SITUATION--QUESTIONS AND ANSWERS, CHRONICAL OF CULTURAL LIFE, SPORTS DIARY, NEWS(of 30 minutes duration). See what you're missing? We'll continue next month. 73, ~~Monday~~ 4/19/80



TECHNICAL TOPICS

Editor

SANDY BLAIZE

AVC	SSB
AGC	LSB
GAIN	FADE
TUNER	NOISE
IMAGE	Smeter

Send Technical Questions & Technical Material To: ➡

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

NEW RECEIVERS: SONY CRF-1 which appeared in the inside rear cover of WRTVH-80, will NOT be imported according to Grant Manning of Radio West. The reason: it does not meet part 15 of the F.C.C.'s rules & regulations!! (BIG BROTHER is protecting all us dumb souls?! To think the Bureaucrats would worry about this, when all those TV sets are emitting all that 15.7+ kHz. junk! You apartment dwellers know what I mean!-Ed.) Not to sound like "sour grapes", but it is very similar to the Kenwood R-1000 in appearance, and twice the list price. As for the SONY CRF-2001 that appears on the same page, they may be on the U.S. market some time this month. U.S. price unknown at this time, but price in Japan is about \$205. I should have one for tests in my hot hands soon, and I'll run it thru the mill and write something on it. More later.

The JRC (Japan Radio Co., Ltd.) model NRD-515 reported to be available now in Japan for about \$1024 US. Dual conversion, 6/2.4/0.6/0.3 kHz. bandwidths, with 24 channel add-on memory. No word as to when it will be available in the U.S. Probably will be imported by Gilfer Shortwave.

RADIO SHACK is selling out all remaining DX-300 receivers for \$260. If your local RS store balks at this price, check with his boss, IF you are inclined to take a chance on one! The DX-300 is to be replaced with a similar but RE-DESIGNED DX-302. No definite price yet. (As this is written) I think most DXers will be VERY careful of this one after the DX-300 fiasco. Also to be discontinued is the DX-160. It will be replaced by the DX-200 at about \$240. Reports are this is a "repackaged" DX-160 which looks like the old Kenwood R-300. More info as it becomes available.

Thanks to: Radio West/The ANARC Equipment Committee/Larry Brookwell for the above information.

MORE QRM!!: It looks like OUR OWN USAF is going to start an American "BUZZER" to compete with the Soviet "Woodpecker". A very comprehensive article was in "QST" magazine, (check with your "ham" dealer) for April 1980. The article was titled: "Over-the-Horizon or Inospheric Radar", and was on pages 39-43. They plan to exempt Amateur, Maritime, Aeronautical, and Standard frequencies from interference, so guess where they will be using this new radar! I urge all DXers and SWIs to obtain a copy of this "QST" article and complain NOW!! The Air Force has set up a special "board" of "experts"?? to handle complaints. The board will respond to your problem and do whatever it can to assist you. The address is: OTH Radar Office, USAF Electronics Systems Division, Code CCUE, Hanscom AFB, MA., 01731. (Many thanks to Glenn Hauser-May 1980 RIB)

RADIO WEST has published a new catalog (Number 4). On the cover is the "crew" there. Grant says the "chicken" that Patti is holding is a ROOSTER!! (Hey Patti, roosters don't lay eggs!) Looks like a Barred Rock to me. All I have is Rhode Island Reds (9 hens and 1 rooster) Radio West is now stocking the little Homer EP-8 pocket set. Grant says he is working on several new items to be announced. Address is: 3417 Purer Rd., Escondido, CA, 92025.

AUDIO FILTERS/PROCESSORS: These items are NO substitute for additional I.F. selectivity. They may help with the "hets", but will NOT increase "I.F." selectivity. They are extremely useful however, especially on crowded ship/ham "CW" bands. If you decide to buy one, make sure you can return it after a short trial period if it won't do what you want it to. Most dealers will cooperate with you. Some might insist on the customer paying for shipping or a 10-20% "restocking" fee, which is reasonable, considering the price of labor!

THANKS! To all of you who supplied information. Some of my mail got lost in a spring cleanup, so if I have not responded, PLEASE write again. Sorry 'bout that! See you all NEXT month and good DXing... 73++

Sandy

SOUTH AMERICA

ARGENTINA

- 5881 0100 R. Rividavia, OM, "Esta es una fiesta del pueblo argentino," Julio Iglesias live singing "El Amor," (223; 3/7. Barrette, PQ)
 6120 1000 R. El Mundo, ID, calls, nx (342; 3/19. Jones, MS)(0927; 222; 3/8. Cunningham, OH)(1000; 333; 3/8. Alexander, PA)
 9690 0115 RAE, OM nx & cmt; mx (312; 3/10. Barrette, PQ)
 11710 2333 RAE, EE, ID, disc. of atomic energy in Arg., mx, nx, 2349* (333; 3/27. Huddleston, TX)(2325; 3/31. gd; Brewer, TN)

BOLIVIA

- 6035 2325 R. Panamericana, armts by OM (fr; 3/22. Brewer, TN) (6034? cpjh)

BRAZIL

- t2310 0126 R. Progreso, Souza, PP, OM tlk, weak (good catch, Neil -- Beverage antennas for all!)(222; 3/29. Kazaross, RI)
 2490 0120 R. Educ. Rural, PP, ID, best sig. in band, lively mx (434; 3/29. Kazaross, RI)
 3205 0242 R. Clube Ribeirão Preto, PP, many diff. types of mx (light, march) armt. every 2 mins. (gd; 3/14. Brewer, TN)
 3325 0128 R. Liberal, PP, rel. organ mx px, OM dedicating selections to individuals; OM ID @0140 incl. city and country (332; UTE QRM; 3/25. Boehm, TX)
 3335 0147 R. Clube de Conquista, PP, LAm vocal mx, tlks by OM DJ, ID @0201, then ID @0222 over the mx. poor w/ slow fades (222; 3/20. Cunningham, OH) Thompson, CA)
 3385 1125 R. Juazeiro, PP, lively vocals; YL/OM ID, another OM ID, mx (533; 3/21. / 4755 0830 Rdif. Maranhão, PP, Braz. pop mx, ads, ID. rooster/bird chirping hrd; (343; 3/12. Alexander, PA)
 t4765 0345 R. Cruzeiro, PP, OM tlk, ID "R. Cruzeiro," Did I hear ID correctly? (Dunno, but doubt it. Keep trying; perhaps tape and send it to me? ch)(222; 3/20. Cohen, PA)
 4785 0330 R. Ribamar, PP, songs, IDs, 0358* (343; 3/30. Peters, MB)(0300; "Muzak" w/ occasional brief armts; ID @0300; het; 333; 3/31. Novello, NY)+1 TN)
 4805 0955 R. Itatiaia, PP, armts, ID by OM; wiped out by Lara @1000 (fr; 3/22. Brewer, / 4805 0023 R. Globo, PP, tlk, IDs (333; 3/24. Yajko, PA)
 4825 0150 R. Educação de Bragança, PP, OM w/ romantic songs, "Boa noite," @0150, 0204 f/o. (poor mod; 423; 3/3. Barrette, PQ)
 4835 0205 R. Nacional Boa Vista, PP, YL, pop mx (433; 3/11. Barrette, PQ)+2
 4855 0325 R. Clube do Pará, PP, mixture of Swan Lake, American rock, Brazilian songs; also ads for local market with tomato prices and "Colorama"lipstick; station suddenly disappeared @0353. (444; 3/31. Levin, NJ)+5 Barrette, PQ)
 4875 2250 R. Jornal do Brasil, PP, OM nx, pop mx, US/Brazilian. No ID @2300 (433; 3/9. 4895 0810 R. Baré, PP, tlk, songs, ID, bicycle horn, (333; 4/1. Peters, MB)
 4905 2330 R. Religio Federal, PP, nx by man. TC by YL every mon. w. 3 loud time pips & softer time pips every second in background (333; 3/22. Alexander, PA)+1
 4915 0915 R.dif. de Macapá, PP, light instrumental mx, IDs (353; 4/4. Peters, MB)
 4925 2333 R. Taubaté, PP, OM DJ, pop mx, jingle ID (333; 3/30. Moore, PA)(0240; all TCs 10 minutes slow; 444; 3/5. Barrette, PQ)(0030; 333; 3/21. Audette, MA)
 4927 0133 R. Dragão do Mar, PP, LAm pop mx, TCs by OM beginning w/ "Dragão..." ads for futbol, jingle IDs, and full ID mentioning Fortaleza @0227 (333; 3/30. Cunningham, 4935 2313 R. Capixaba, PP, coming out of net; Figueredo speech w/ full ID & fqs.//OH) into slow vocal (343; 3/31. Novello, NY)(2340; 454; 3/28. Moore, PA)
 4955 2320 R. Cultura, PP, OM ancr, ballads, ID @2337 (333; 3/28. Moore, PA)
 5025 0315 R. Borborema, PP, tlk & pop songs (333; 3/30. Peters, MB)(0340; 222; 3/14. Cohen, PA)(0255; 433; 3/6. Barrette, PQ)(2220; 332; 4/4. Kornek, FRG)
 5035 0135 R. Aparecida, PP, pop Brazilian mx, U.S. pops (422; 3/12. Barrette, PQ)+2
 5045 0258 R. Cultura do Pará, PP, pop ballad in PP, then full ID by OM, choral NA and 0304*. Great sig. for a change (333; 3/31. Cunningham, OH)+2
 5045 0200 R.dif. Presidente Prudente, PP, LAm mx, ID @0225 (323; 3/4. Cohen, PA)
 5055 2255 R. Maua, ending "A Voz do Brasil," and into sambas w/ full ID/fqs. (333; 3/31. Novello, NY)
 5965 0900 R. Guaiba, PP, ID, mx, tlk (333; 3/14. Kobayashi, Japan)
 6000 0825 R. Inconfidência, PP, local mx, political armts, many IDs (333; 3/21. Kowalski, WI)(2332; 333; 3/24. Yajko, PA)(0120; 333; 3/7. Barrette, PQ)
 9675 0906 R. Marumbi Limitada, PP, apparently religious vocal mx, tlks by OM ancr, complete ID w/ fqs and mention of Florianopolis @0911, into PP ballads (433; 3/8. Cunningham, OH)
 15125 0930 R. Sociedad de Bahía, PP, S. Braz. mx, armt by YL (gd; 3/15. Brewer, TN)
 15165 0005 Ceará R. Clube, PP, YL/OM, time pips, orchestral mx, IDs (333; 3/22. Witte, CA)
 15189 2312 R. Inconfidência, PP, pops, ads, terrible het from RCI in PP! on 15190 (222; 4/6. Kornek, FRG)
 15265 2241 R. Excelsior, PP, sx relay, armts, mx, (343; 4/6. Kornek, FRG)
 15265 2300 R. Globo, PP, many IDs for R. Globo, Sao Paulo, no mention of R. Excelsior. Rapid tlk, electronic mx, ads, sx (433; 4/5. Zilmer, WI)
 15290 2141 Radiobrás, EE, a YL ancr gave px on slums and impoverished areas near Brasília (323; 2/16. Beres, CT) (More 15290 on next page)

BRAZIL -- (continued)

- 15290 0300 Since M80 began, R.Brás has been inaudible here due to R. Liberty and jamming (I think RB is still down there somewhere, though they obviously should have changed freqs; how long will it take them to wake up?)(Hauser, TN)(0333; 534; 3/24. Miller, CA)(0320;433;3/23. Earhart, PA)
- 15445 2315 R. Nacional Brasília, PP, LAm mx, IDs, OM (333; 3/12. Witte, CA)

CHILE

- 6135 1011 R. Universidad de Concepción; many IDs, int nx magazine "Panorama Informativo," @1050; 3/8. (fair; Lobdell, NJ)
- 11890*0230 LVCH, EE, OM ID, fqys, cmt on Chilean President's trip abroad, mx (322; 3/26. Audette, MA)
- 15150 0050 LVCH, SS/EE, LAm mx, YL, political cmt; (433; 3/22. Witte, CA)(2220; 434; 3/16. W. Smith, CA)(*2200; 533; 3/12. Schroeder, WI)(0100,555; 3/29. Somers, CA)+2
- 17790*0230 LVCH, EE, nx,cmt on Soviets, human rights; light Chilean mx (434; 3/16. McLean, NY)(2354; 434; 3/22. Westbrook, FRG)
- 17799 0145 LVCH, EE/SS after 0200; YL w/ EE tlks to 0200 and occasional IDs; QRM from Australia on 17795; (343; 3/26. Hardester, CA)
- 17800 0130 LVCH, EE, mx; (333; 3/9. Valentine, CA)

COLOMBIA

- 4755 0700 Emis. Nuevo Mundo, LAm mx w/ IDs and anmts by a very enthusiastic OM (444; 3/28. Klasek, MO)(0725; 454; 3/21. Eddie, MO)
- 4815 0450 R. Guatapurí, mx to 0456, then several IDs by OM w/ fqy. Then NA and s/off 0A0458 (332; 3/19. Earhart, PA)(2328; 323; 3/13. Cohen, PA)(0400; 323; 4/1. Pettit, IA)(0054; 333; 3/24. Yajko, PA)(4818, 0305, 544, 3/19. Klasek, MO)
- 4845 0217 R. Bucaramanga, ID, calls, fqys, usual LAm pop mx (353; 4/6. Jones, MS)+4
- 4855 0045 R. Neiva, LAm vocals, ads, ID (333; 3/25. Yajko, PA)
- 4865 0332 LV del Cinaruco, LAm EZL, ID (433; 3/10. Holland, NY)(0145; 323; 3/4. Cohen, PA)
- 4875 0147 LV del Norte, LAm mx, ID, 0200* w/ NA (322; 3/10. Cohen, PA)(0123; f/in and /out w/ another SS station, probably R/ Super de Medellín; 232; 3/19. Boehm, TX)(0445; vocal pop mx, many IDs, 0459* w/ complete ID, fqys, vocal Col. NA; 3/23. Lobdell, MA)(ads for: "Refrigeración del Norte," "Pollos a la brasa," "Piracil, para su dolor de cabeza," y "Restaurante El Trapiche, algo nuevo en la frontera." 0250; 434; 3/6. Barrette, PQ)(0418;454;3/30.Eddie,MO)(0224;333;3/20.Jones, MS)
- 4945 0420 R. Colosal, mx, ID (444; 3/16. Levin, NJ)+6
- 4965 0725 R. Santa Fe, OM, LAm mx, IDs (343; 3/10. Thompson, CA)(0600; 242; 3/21. Traver, CA)(454; 3/21. Eddie, MO)(0103; 323; 3/25. Yajko, PA)+2
- 5010 0640 R. Surcolombiana, OM, Lengthy tlk; QRM (222; 3/10. Thompson, CA)+1
- 5020 0958 Ecos del Atrato, ID, ads, into nx. Sounded like relay of some other station. QRM, local noise, QSB, the works. Must have had mike in front of speaker (342; 4/3. Jones, MS)(0250; 333; 4/5. Peters, MB)
- 5035 0345 LV de Caqueta, 2 note xylophone between IDs, plus ads. choral voices (NA) just before 4044* (433; 3/15. Witte, CA)
- 5040 0340 R. Cinco, chimes w/ IDs (333; 3/12. Witte, CA)
- 5075 0055 R. Sutatenza, LAm mx, tlk w/ OM/YL; ID (443; 4/8. Pavelka, NY)(1113; OM w/ slow tlk w/ several mx breaks & ments. of "Camino Nacional," (National Road?); 433; 3/17. Thompson, CA)(2350; Bank of Bogota presents the nx; 354; 3/3. Toia, IT.)
- 5095 0101 R. Sutatenza, LAm mx, ID, tlk (444; 4/8. Pavelka, NY)+5
- t5955 0650 LV de los Centauros, OM, LAm and pop mx, IDs obscured (232; 3/10. Thompson, CA)
- 6015 1054 R. Mira, cont. mx, ID, fqys. @1101 foll. by NA (343; 3/13. Jones, MS)
- 6026 0135 Ecos del Combeima, nxcast (454; 3/24. Eddie, MO)(0110; nx, features, slow numbers (probably the loteria winning numbers)(444; 3/24. Eddie, MO)
- 6030 0150 R. Nacional, EE (?); class. mx w/ OM cmt; no ID but typical RN stuff (222; 3/7. Barrette, PQ)
- 6045 0239 R. Melodía, QRM, ments. of Colombia & Venezuela (may be coverage area), ID; mx; (222; 3/10. Cereghin, MO)(0958; 423; 3/18. Jones, MO)+1
- 6115 0830 LV del Llano, ID, LAm mx (242; 3/13. Munster, GA)(1015; gd; 3/22. Brewer, TN)
- 6150 0200 LV del Huila, pop LAm mx, ad for Pepsi, (222; 3/7. Barrette, PQ)
- 6160 0905 Emis. Nueva Granada, OM, LAm mx, Fiat ad (444; 3/30. Audette, MA)(1015; gd; Brewer, TN)(0725; 343; 3/29. Alexander, PA)
- 11793 1145 R. Nac. de Colombia, SS/EE lessons, ID, mx; (534; 3/14. Miller, CA)
- 15335 1145 R. Nacional, EE, lessons; (433; 4/2. Zilmer, WI)(1436; nx, class. mx; 322; 3/19. Boehm, TX)(15332; 0415; Brahms Violin Concerto, ID, 0452*; 343; 3/17. Munster, GA)

ECUADOR -- HCJB

- 15250 0255 EE, rel. tlk to 0258, then mx; ID @0300 w/ fqys. used, then nx to 0310, then a tlk by a YL about all she wanted to do -- but no time (Oh, my! ch)(454; 3/26. Earhart, PA)
- 17735 0156 HCJB's latest 16m fqy. in the 2130-2200 xmission (incl. DXPL 3 days a week) noted 3/17; much better on 26020 (Hauser, TN)
- 26020 1500 EE, Morning in the Mtns (252; 3/24. Zilmer, WI)(2130; 544; 3/29. Pettit, IA)

ECUADOR -- HCJB (continued)

- 26020 2156 HCJB and. that a different, quad antenna is now used here, and is rotated during the day towards areas of best reception. It certainly has improved the signal, such as 3/17 2156, better here than the much higher-powered ones on lower bands (Hauser, TN)(2130; 444; 3/24. Eddie, MO)+23 other reports of HCJB fqys.
- 3260 0315 LV del Rio Carrizal, LAM mx, O329* w/ NA (222; 3/20. Cohen, PA)
- 3280 1115 LV del Napo, LAM pops, OM in Indian lang; ID in SS @1130; UTE QRM, otherwise good (3/15. Radcliff, IL)(0214; 222; 3/20. Cohen, PA)
- 3290 0215 R. Rio Amazonas, tlk by OM w/ fqys, ID, tlk by YL. (212; 3/28. Klasek, MO)(0130; 252; 3/28. Eddie, MO)
- 3315 0333 R. Pastaza, LAM mx, ID: "Voz del Oriente," (222; 3/20. Cohen, PA)
- 3380 0350 R. Iris, LAM mx, good echo effect ID, 4-min. NA, 0403* (544; 3/6. Holland, NY)(0106; 333; 3/24. Yajko, PA)
- t3390 0440 R. Zaracay, ballad; QRM from RTTY (332; 3/19. Earhart, PA)(0428; 322; 3/9. Cohen, PA)(1031; gd; 4/5. Brewer, TN)(0358; 333; 4/11. Fisher, MA)
- 4680 0416 R. Nac. Espejo, LAM mx, ID, (333; 3/18. Cohen, MA)(333; 3/16. Davenport, TN)(0615; 454; 3/27. Eddie, MO)(0740; 433; 3/15. Coomler, CA)+2
- 3985*1001 Escuelas Radiofónicas Populares, brief EZL mx, s/on anmts by OM, into px of Ecuadorian folk mx, ID @1015, then tlks: "Revista Cultural," (333; 3/6. Cunningham, OH)
- 4765 10A0 CRE, mx, NA @1042, ID, (443; 3/19. Jones, MS)
- 4795 0447 LV de los Caras, mx, DJ tlk (333; 3/16. Davenport, TN)(0449; 4/3. Radcliff, IL)(333; 3/9. Cohen, PA)
- 4800 0455 R. Popular, Andean songs, IDs (343; 3/27. Peters, MB)
- 4815 0243 R. Canal Manabita, mx, ads; (353; 3/24. Eddie, MO)(tlk by OM, excerpts from "Star Wars" mx in back; (323; 3/24. Klasek/Eddie, MO)
- 4820 1000 R. Paz y Bien, Quechua, ID, tlk, mx (332; 4/4. Peters, MB)
- 4850 0325 R. Luz y Paz, weak & under mod. sig., rel pxx ending @0329, another beginning @0330; (222; 3/22. Cereghin, MD)
- 4920 0240 R. Quito, mx, ad for "Banco del Pichimeha," ID: "Ecuador Radio," (444; 3/6. Barrette, PQ)(333; 3/20. Davenport, TN)
- 4960 0615 R. Federación, Andean vocal, tlk by OM (3/16. Radcliff, IL)
- 5060 1017 R. Nacional Progreso, ID, call, fqy, very rural-sounding Ecuadorian mx (353; 3/28. Jones, MS)(1015; gd; 3/15. Brewer, TN)(0245; "Sintonisan, damas y caballeros, a R. Progreso," personal messages; 433; 3/7. Barrette, PQ)(0245; 222; 3/26. Cunningham, OH)

FRENCH GUYANA -- FR3, Cayenne

- 3385 0120 FF, EE/LAM type sons, Discomx: "I wanna be your lover," (433; 3/29. Audette, MA)(0900; Marseillaise after guitar IS, ID: "Ici Société Nationale de Programmes, ici Cayenne," into Santana mx, pop/disco (ugh!) mx 333; 4/4. Fisher, MA)(0215; NA/IS@0300, s/off; 232; 3/9. Alexander, PA)(0235; 0303*; 433; 3/30. Novello, NY)(3385; 0332; 333; 3/16. Cohen, PA)(0355*; 333; 3/16. Cucura, PA)

GALAPAGOS ISLANDS -- LV de Galapagos

- t4810 0340 OM anmts; (fr; 3/30. Brewer, TN)(0359; s/off; at times 444; 343-444; 3/9. Moman, AB)(0115; 433; 3/19. Klasek, MO)

GUYANA -- GBS

- 5950 0249 EB, ID/fqys, NA, pledge: "I pledge myself to the flag of Guyana...I dedicate myself to the posterity of Guyana." 0263* (333; 3/3. Lippmann, FL)(0805; Hindi mx; rel. px.; ID: You have been listening to the Guyana BC Svce. Many TGS (333; 3/11. Witte, CA)(0815; hetted at 0831; 444; Brewer, TN)(0840; "Tons of Bananas" mx (ch) message to girl in Surinam; 333; 3/6. Smith, FL)(0820; 343; 3/21. Kowalski, WI)

PERU

- 4790 0931 R. Atlántida, ads, pop mx, ID (342; 3/19. Jones, MS)(0450; 0500* w/ NA; (433; 3/15. Barrette, PQ)(1032; 222; 3/6. Cunningham, OH)
- 4860 0445 R. Chinchaycocha, ID during short tlk, blown away by UTE @0458; (4/2. Radcliff, IL)(0535; 242; 3/27. Peters, MB)
- 5035 1001 R. Imagen, LAM mx to 1014, long ad string, anmts @1014-31; ID @1032 as: "Desde la progresista ciudad de Tarapoto, en el Departamento de San Martín, (nación, perhaps? ch) peruana, transmite R. Imagen, una nueva imagen radio," then political px; (333; 3/31. Lazarus, LA)
- 5040 0703 R. Libertad de Junín, OM ID, Peruvian mx; (443; 3/22. Coomler, CA)
- 5050 0510 R. Loreto, LAM mx, IDs (322; 3/30. Peters, MB)
- 5970 1036 R. El Sol, "Sol en los Andes," TC for EST; (333; 3/26. Jones, MS)
- 6020@1032 R. Victoria, ID "R. Victoria del Peru," pop mx, bad het (322; 3/26. Jones, MS)

SURINAM

- 4794 0935 R. Apintie, Dutch, "Hymn: Crown Him With Many Crowns," (fr/pr; 4/7. Brewer, TN)(0911; sub-continental mx; ID @0931; 333; 4/1. Hardester, CA)
- 4850 0415 SRS, Lang, EZL mx (444; 4/8. Pavelka, NY)(0322; 0330*; 322; 3/5. Cunningham, OH)(0940; 4/1. Radcliff, IL)(0136; 333; 3/18. Davenport, TN)(0400; 444; 3/9. Moman, AB)

VENEZUELA

- 3245 0015 R. Libertador, mx, anmts (gd; 3/23. Brewer, TN)
 3255 0215 LV del Tigre, old LAm mx, nx, no ads; (322; 3/22. Barrette, PQ)(0112; ancr mentions only title to ID @0258 and NA @0300; 322; 3/18. Cohen, PA)
 3395 0400 R. Universidad, ID, Venezuelan mx, ads (444; 3/30. Thompson, NM)(0645; 323; 3/30. Coomler, CA)(0226; 222; 3/15. Cereghin, MD)
 4770 0300 R. Mundial Bolívar, SS vocal version of "I Saw You Standing There," OM ancr; "R. Mundial" ID, mellow vocals (fr; 4/1. Lattemann, WA)+7
 4780 0343 LV de Carabobo, LAm mx, ID after every song; 0356* (343; 3/5. White, MS)+6
 4800 0156 R. Lara, TC, "Son las nueve y dos min." @0202, mx; (444; 3/9. Cereghin, MD) (2152; pr; 3/11. Calver, UK)(0000; 454; 3/12. Lentz, PA)(0150; 433; 3/5. Stone, OM)+12
 4850 0408 R. Capital, mx; (343; 3/30. Eddie, MO)
 4860 0301 R. Maracaibo, LAm mx, OM ancr; (433; 3/21. Cohen, PA)+2
 4880 2334 R. Universo, mx, ID: "En R. Universo, siete y treinta y cuatro min." (344; 3/7. Toia, ITALY)+2
 4900 0315 R. Juventud, popular American songs, 0356* (453; 3/10. White, MS)
 4940 0146 R. Yaracuy, LAm mx, ID (444; 3/16. Oexner, FRG)(0340; 3/31. Vogelman, ?)
 4960 0337 R. Sucre, ID: "Sintoniza R. Sucre," then joined Rumbos net for nx // Rumbos 4970; (fr; 4/9. Lobdell, MA)(0051; ID: En R. Sucre de la gran Cadena Nacional Rumbos, nueve y cuatro min." 433; 3/16. Oexner, FRG)+7
 4970 0915 R. Rumbos, OM w/ LAm vocals, TC/ID, Rumbos says it is "numero uno" in every-thing, it seems; (433; 4/8. Thompson, CA)+4 NY)+4
 4980 0330 Ecos del Torbes, SS/LAm mx, very lively mx w/ many IDs (444/ 3/31. McLean, /
 4990 0006 R. Barquisimeto, LAm mx, ID after every song was "R.B. Internacional," (334; 3/10. White, MS)(0001; 343; 3/29. Audette, MA)(2331; 343; 3/21. Toia, IT)+3
 5030 0317 R. Continente, "En la mañana, en la tarde, en la noche, R. Continente con... música!" Also hrd. R. Reloj Continente ID (I wish they'd make up their minds! ch) (444; 3/15. Cereghin, MD)(0450; 333; 3/19. Moss, CA)+6
 5040 0155 R. Maturín, LAm love songs, no TC @0200, but ID. Songs by Juan Manuel Serrat, y Julio Iglesias; unstable het (423; 3/12. Barrette, PQ)+3
 t5070 0309 R. Mundial Zula, strong CW QRM, LAm mx, ID @0315, into folk mx. Chime before ID (322; 3/15. Cereghin, MD)(0140; no ID hrd. 322; 3/19. Thompson, CA)
 6170 1048 R. Nacional, mx, much tlk about Venezuela, ID (545; 3/4. Holland, NY)
 6180 0935 R. Turismo, LAm mx, OM ancr; ID (222; 3/8. Alexander, PA)
 6190 0100 Ecos del Torbes, LAm mx, frequent ads; anmts, IDs (555; 3/18. Klasek, MO)
 9660 1036 R. Rumbos, nx, ID (333; 3/4. Holland, NY)(2355; 333; 3/7. Alexander, PA)

Before I get into North and Central America, I'd like to make a note. Please be advised that, beginning this month, I will not print addresses of those who log pirate broadcasts and wish a QSL. Although I will continue to print pirate loggings, this column is not a QSL bureau and I feel that those who wish to broadcast illegally should find other means of communicating with their listeners. Sorry about that.

NORTH AND CENTRAL AMERICA**ANTIGUA**

- 6040*0120 DW Relay; "Now that Walter Steigner is gone...and replaced by new DW Director Conrad Ahlers, the way is clear for them to re-expand NA broadcasts in EE; as of 4/1, the 0130 (has been) lengthened by ten minutes, confirmed. Strangely, they've been announcing this fqy. as 6045, but never heard there yet -- perhaps they can't resist the temptation to continue wiping out RBI. So now to eastern NA DW has 30 minutes a day in EE, and 130 minutes a day in Portuguese (Hauser, TN)
 6195 0717 BBC, EE, nx, "This Week," (444; 3/30. Smith, FL)
 9510 0745 BBC, EE, tlk on Irish schools (433; 3/6. Miller, CA)
 9545 0516 DW, GG, OM w/ nx; (444; 3/16. Traver, CA)
 9670*0600 DW, GG, OM/YL nx (454; 3/16. Traver, CA)
 11775 1102 BBC, EE, nx, (423; 3/17. Miller, CA)
 11810 0957 DW, PP, IS, ID, (343; 3/24. Smith, FL)
 11905 0530 DW, EE, nx of 1980 Olympics (555; 3/15. Somers, CA)
 17875 2230 DW, PP QRMing RCI, tnx to tip from Jim Conrad; DW apparently punched up this fqy. in error instead of listed 11785. (3/18. Hauser, TN)

BELIZE — R. Belize

- 3285 0245 EE, pre-recorded drama. Big-band jazz (352; 3/16. Barrette, PQ)+8 others, mostly between 0100 and 0330; one was made at 1132.

CANADA

- 5960 0100 RCI, EE, nx, DXD (443; 3/24. Tripathi, CA)
 6005 2140 CFCX, Montréal, EE, mx, ID, "Rock Me Gently," (322; 3/30. McLean, NY)+1
 6030 0812 CFVP, Calgary, EE, C&W mx, ID as CFCN @0830 (222; 3/21. Klasek, MO)
 6070 1143 CFRX, Toronto, EE, OM ads, TC as 6:43, mx; (232; 4/8. Audette, MA)+1
 6080 0110 CKFX, Vancouver, EE, Totally Country & Western mx, IDs as "CKWX - Super Country"(222; 3/21. Klasek, MO)

CANADA -- continued

- 6130 0745 CHNX, Halifax, EE, relaying CHNS 960; (453; 3/21. Eddie, MO)(0948; pop mx, TC, ID; HCBJ on 6095 instead of 6130; 353; 3/21. Jones, MS)+3
 6160 0926 CKZN St. John's, EE, s/on, relay of CBN 640; (252; 3/21. Eddie, MO) (1034; gd; 3/15. Radcliffe, IL)(0945; het @0955; nx on the hour (the half hour for them since Nfld. is on Atlantic Time + ½ hour. ch) 232; 3/9. Tacoma, CA)(0950; 222; 3/8. Alexander, PA)
 6160 0825 CKZU, Vancouver, EE, Class. mx. relay of CBU 690 to 0904* (252; 3/21. Eddie, MO)(0635; "Concert from Winnipeg" 232; 3/21. Traver, CA)
 9510 1245 BBC, EE, SX Roundup (444; 3/22. Davenport, TN) MA)
 9625 1805 CBCNS, EE, "Royal Canadian Air Farce" salutes the Mounties (453; 3/2. Fraser, 11720 2320 CBCNS, EE, feature on pay-TV in Canada (353; 3/22. Tripathi, CA)
 11830 0100 RCI, EE, History of RCI, (555; 3/2. Stone, ON)
 15260 1800 RCI, EE, in new studio, Afr. Svce.; DXD (534; 3/2. Pettit, IA)+1
 15325 1840 RCI, Czech; YL, sounds like nx; (322; 3/15. Traver, CA)
 17875 2142 RCI, EE, om, world nx; ID (232; 3/30. Audette, MA)(2140;333;4/4.Dunn,CA)

COSTA RICA

- 4832 0302 R. Reloj, Aquí Costa Rica, 2 OM ancrs; ID in EE @0308, address (353; 2/12. Beres, CT)(0514; 343; 3/15. Heyman, NY)+2
 5055 0400 Faro del Caribe, Bible px, children's choir; TIFC IDs (333; 3/15. Witte, CA) (0338-0400*; 444; 4/5. Pavelka, NY)+7
 5954 0520 R. Casino, EE, EZL mx, ID/TC @0530; "TIQ, R. Casino," (423; 3/8. Lippmann,FL)
 6006 0130 R. Reloj, "Radio Periódico de R. Reloj," nx, TC, (222; 3/7. Barrette, PQ)
 6082 1120 R. Nueva Victoria, nx, frequent TCs & ads, ID "R. Victoria" and fqys @1129. First time hrd. in AM; (333; 3/20. Jones, MS)
 9645 0248 Faro del Caribe, SS/EE, SS to 0300, then EE px "Study in the ways of God," (444; 3/9. Eddie, MO)(0245; 454; 3/28. Klasek, MO)

CUBA

- 9525 0630 RHC, EE, nx, highlights of show (434; 3/15. Heyman, NY)
 9590 2225 RHC, EE, mailbag px; tlk about 600 kHz bcs; (433; 3/23. Audette, MA)
 9685 0545 RMWS, 0600*, R&R mx; (454; 3/16. Traver, CA)
 11760 2100 RHC, EE, "Musical QSL" letters read from SWLs; (444; 3/16. Farmer, TN)+3
 11930 0855 RHC, IS, tlk (433; 4/2. Wentzell, MN)
 15230 0150 RHC, Guatemala Marimba Mx ancd; (454; 3/20. Munster, GA)(0345; Socialism: Our World," 433;3/18. Leeman, RI)

DOMINICAN REPUBLIC -- R. Mil

- 4930 0132 Strong hi-fi signal in het. Numerous IDs by OM DJ between Latin disco & ballads; ads (423; 3/25. Novello, NY)(2318; 434; 3/24. Yajko, PA)(0205; 333; 3/25. Peters, MB)(1020; 443; 3/25. Jones, MS)

GREENLAND -- Kalaalit-Nunaata Radio

- 9575 1012 Danish; mx, tlk; good to 1058 when Radio Australia started up on 9580 which pretty well wiped out Greenland (444;3/10. Eddie, MO)

GRENADA -- RFG

- 15045 2200 EE, don't be surprised if you hear RHC on this freq; I did 3/12 at 2200 when RFG was playing a px taped at RHC with the familiar voice of Mike LaGuardia; it was recounting the history of the Cuban revolution, and ran past 2215. This may have been a special for anniversary of Grenadan coup, as no RHC pxx noted since on RFG. Transmissions on this freq continue to be highly irregular (Hauser, TN) (2230; 333; 3/10. Alexander, PA)(2222; nx & obits; 322; 3/9. Plotnick, CT)(2250; 333; 3/3. Hodsdon, MN)(2040; gd. 3/30. Krause, WI)+4
 15104 2035 EE, nx, ads; good mx (343; 3/11. Calver, UK)

GUATEMALA -- Lots of activity here last month as Union Radio, the newest arm of AWR, has begun transmissions on many fqys -- many of which are harmonics. I will suspend my normal policy and report the harmonics here.

- 2390 0123 LV de Atilán, noted under Mexico as usual (212; 3/29. Kazaross, RI)
 3300 0429 R. Cultural, EE, Xtian evangelistic px ends and SS px begins @0430; (323; 3/21. Farmer, TN)(0418; 333; 3/22. Schweikert, VA)+11 rrette,PQ)
 3360 0345 LV de Nahualá, LAM mx, tlk (444; 3/24. Klasek, MO)(322; 0235; 3/22. Bar-/
 3380 0350 R. Chortis de Jocotán, LAM mx, tlk (444; 3/24. Klasek, MO)+3
 4825 0245 R. Mam, mx to 0302* (454; 3/30. Eddie, MO)+2
 4835 0307 R. Tezulutlán, mx; (343; 3/30. Eddie, MO)
 !5979 0444 TGMUA, Adventist World Radio (Union R.); EE/SS, 0444-0500 AWR DX Prgram,w/ OM in EE including mx; 0500 SS ID, EE ID ½ min later and address: P.O. Box 51-C, Guatemala City, Guatemala. 0501 NA sung by mixed choir, then 0506½: "TGMUA, Adventist World Radio, now signs off. Join us again tomorrow at 0130 GMT. Have a good evening." 0508*, clobbered by BBC-5975. (322; 4/7. Vranes, PA)(0326; ID @0400 in SS/EE, DX px in EE @0430; pr; 4/7. Lobdell, MA)(5978.5 - for less than an hour AWR tried its alternate freq, '5980' (0100) and could be detected here as het on BBC, but loud and clear on 17935.5 -- after 5 nights of broadcasts on 6090, AWR

GUATEMALA -- continued. (Report by gh on 5980, cont.) decided to try '5980' instead. Judging from their previous 3rd harmonic performance on 18266, I was waiting for them on 17935, and...the carrier came on @0040 3/27. 0045 tone, 0047 hymns and preaching...later gave call sign for 6090 (TGMUB) instead of that for 5980 TGMUA. TCs consistently about a minute fast. No trace @0145 check. No trace on any 3rd harmonic fqy. from 3/28 through 2/4, so perhaps they finally found out about their harmonics and were trying to fix them. Without them, their reception will be poor indeed. (Hauser, TN)

6088.5 0350 Union Radio, AWR, TGMUB, nom. 0650, carrier detectable here 0350 3/23, matching extremely strong harmonic on 18266. As you would expect, awful QRM from DW on one side, Luxembourg on the other. They should forget about 49m and concentrate on the 18 MHz harmonics. (Hauser, TN)(Tx. to tip from Tony Clift in ON, AWR hrd. on its first night on the SW air, 3/22 GMT (A Sabbath, of course). Beautiful signal (on 18266 @0100), very strong and free of QRM, though slight audio distortion.... ID in SS for all four stns. (TGMU-1330; TGMB-105.5 MHz FM, TGMUA 5980; TGMUB-6090) and gave Apt. 51-C address. Later, they IDed only for TGMUB, and favored in Apt. 35-C address. Gave time both in local and GMT, asking for reports. Just before 0500, devotional message, then 5-min. long choral multi-versed NA, 0504* after feed-back. Pgms. included 0129-0159 Voice of Prophecy, 0201-0229 Your Story Hour, both staples on Adventist stations, and -- a nightly "DX" px at 0230-0300 hosted by (?) Bob Montez, consisting mostly of hymns, bible readings, "Health File" feature on artificial respiration, sugar, backache, etc., and replying to some letters of inquiry received before they went on the air, e.g. from John Tuchscherer, Neenah, WI. 0300 px most nights was Voz de la Esperanza. 3/24 at 0100 had "The Quiet Hour," 0130-0230 as above. On the 3/25 DX px, said that while 6090 had a NW/SE antenna, 5980 would have a NE/SX which should improve reception in eastern NAM and western SAM, even though western SAM is not southwest of Guatemala. 3/26 ancd. that they would try 5980 instead...this fqy last hrd on 3/26; missing on all subsequent nights through 4/2 compilation of this report (Hauser, TN)

HAITI

6155 1045 R. Citadelle, 1105 end of vocals w/ OM in FF, ID as "R. Nationale" & TC (a relay of R. Nationale as they have done in the past)(fr; 3/8. Lobdell, MA)
9770 1200 4VEH, EE, BCB ID, nx by OM, (322; 3/16. Heyman, NY)+1
11835 1930 4VEH, missing from 1980 WRTH and frequently overlooked since it's Sunday only is a daytime EE xmission from 4VEH, noted 3/30 1930 w/ "Sounds of Joy," until SS @ 2000. Also on 9770, mixing badly as usual w/ Habana, and announcing 1035 and 1595 as well. I think EE starts @1700, but they didn't say. (Hauser, TN)+4

HONDURAS

4820 0425 HRVC, EE, YL w/ ID "You are listening to HRVC, Tegucigalpa, Honduras," (333; 3/6. Tacoma, CA)+7
4890 0157 R. Lux, many IDs: "Lux, Lux..." (333; 3/13. Moman, AB)(0215: "Programa de los exitos," No ID but ments. of "En el Departamento del Yoro" 423; 3/5. Barrette,PQ)

NEDERLAND ANTILLES

9590 0238 RN, EE, tlk on downturn of Dutch standard of living (444;3/7. Cohen, PA)+3
9715 0605 RN, EE, interview (444; 3/16. Traver, CA)
21640 2030 RN, EE, Happy Station; 444; 3/9. Ross, SCOTLAND)+1

MONTSERRAT -- DW Relay

11705 0632 EE, mx, (343; 3/22. Smith, FL)(0545,333,4/8.Donahue, CT)

NICARAGUA -LV de Nicaragua

5949 0138 OM ID, fqys (322; 3/3. Wall, CA)(0030; 433; 3/3. Cunningham, OH)

UNITED STATES OF AMERICA

3876 0421 WBLO, mellow rock, OM DJ, EE accent; fake address given; 0504* without opening phone line; good sound (433; 3/23. Novello, NY)
6140 2155 R. Clandestine, EE, 60's/70's mx, Engineer Boris, ads, very poor taste; 2240* (433; 3/30. Audette, MA)(Claims to be off ECNA, 2153; 433; 3/30. Moore, PA)
6225 0652 R. Syncom 48, EE, R&R, gave Free Radio Campaign address, testing for N.A.m.& Europe (333; 3/16. Osterman, OH)(0645; moved to 6278 kHz @0715; 333; 3/23. Alexander, PA)(6278, 0500-0607, tap of UK's Capital Radio; 343; 4/6. Kegel, MD)
6420 0601 KVHF, non-stop golden pop songs, EE; 443; 3/31. Maghakian, CA(0610; "KVHF, bcng from Canada to Mexico" 444; 2/17. Harms, UT)
6950 0700 WARG, EE, rock mx, called 212-220-9979 (322; 3/9. Pettit, IA)(0540; 444; 3/9. Lentz, PA)(0625; 333; 2/24. Osterman, OH)
15145 0231 WINB, EE, trying for Chile, heard ID; (343; 3/8. Earhart, PA)+30 other US rpts.

Another month, another column. I repeat that I will not print addresses for QSLs in this column -- the pirate stations must find another medium to facilitate QSLs. Will have been at Kap Kapinos' meet and will also have met Central PA DXers by the time you read this. Remember to use report forms, keep your reports legible and complete, and, most of all, remember to report!!! I can't write a column without you! *Chris Hansen Arkie '88*
See you in June, 73's, etc. from Chris Hansen and Arkie

SWBC - EUROPE



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

ALBANIA

- 5057 0400 Gjirokaster; Albanian ID into nx (333 3/26 Cunningham-OH)(Cohen-PA)
(Holland-NY)
- 6200 0347 RT; EE Albanian mx then cmt'y on American electoral college (434 3/22
Fournier-VA)
- 7065 0350 RT; AA cmt'y against imperialism (333 3/5 Blaize-LA)
- 7120 0355 RT; SS cmt'y (323 3/5 Blaize-LA)(Sershon-IL)(Audette-MA) IR
- 7300 0327 RT; EE IS ID revolutionary tlx by yl (433 3/20 Mayer-CA)(Fournier-VA)
- 9480 2210 RT; EE yl w/ cmt'y on Lenin's ideals (444 4/6 Audette-MA)(Oliver-NJ)

ANDORRA

- 6220 2205 WMR; EE pop mx "WMR DX-World" (3/16 Iobdell-MA)(343 Kornek-ERG)
(Kegel-MD)

AUSTRIA

- 5945 0330 ORF; EE "Austria Calling" (433 3/15 Apollon-MD)(Alexander-PA)
(Cohen-PA)(Mayer-CA)(Thompson-CA)(Hauser-TN)(Barhart-PA)
- 9770 0130 ORF; EE "Report from Austria" (423 3/17 Smith-CA)
- 12015 0545 ORF; GG folk mx tlc (343 ?? Maghakian-CA)(Zilmer-WI)(Dunn-CA)
- 15175 0020 ORF; EE nx to 0025 (343 3/7 Earhart-PA)
- 15225 1812 ORF; EE DX-prgm into lite mx (222 3/9 Lentz-PA)
- 15440 0852 ORF; EE yl w/ prgm of classical mx (444 4/5 Audette-MA)
- 21500 0555 ORF; GG IS "Danube" at 0555 w/ ID's (232 3/23 Hall-CA)
- 21640 0830 ORF; EE profile of Austria (353 3/10 Proom-GB)
- 21740 ? ORF; EE nx ID mx (222 3/15 Smith-CA)(Audette-MA)



BELGIUM

BRT

- 15175 0040 BRT; EE DX-prgm info on Brazil and Radio Moscow (332 3/24 Tripathi-
CA)(Klasek-MO)(Mayer-CA)(Smith-FL)
- 15380 0015 BRT; EE discussion on dying and the cost, and railway service
disrupted in the countryside (443 3/13 Byron-NY)(Apollon-MD)
- 15385nf 2245 BRT; EE IS ID mx into DX nx replaces 15380 (444 3/23 Zilmer-WI)
(Peters-KY)(Klasek-MO)
- 17730 1720 BRT; EE nx on Europe (333 3/15 Maghakian-NY) Sorry Mike. That should
be CA.



BULGARIA

5970 1953 RS; EE prgm of bests for the week (333 3/22 Smith-FL)
 9705 0000 RS; EE yl anncr w/ nx prgm (333 3/3 Davenport-TN)(Apollon-MD)
 11860 *2130 RS; EE om w/ ID freq's nx cnty (433 3/25 Audette-MA)(Lippman-FL)
 (Hall-CA)
 11920 2142 RS; EE tlk abt the theatre (344 3/23 Yajko-PA)(Audette-MA)(Holland-NY)
 15310 2130* RS; EE mx prgm ID and freq's (232 4/2 Audette-MA)
 17825 1836 RS; EE Political nx (433 3/17 Yajko-PA)

CZECHOSLOVAKIA

6055 2132 RP; EE om w/ nx cnty on South Africa (333 3/31 Audette-MA)
 7345 0413 RP; SS prgm by yl (443 3/31 Wentzell-MN)(Fraser-MA)(Talbot-WI)(Sanderson-AZ)(Mayer-CA)(Tripathi-CA)(McLean-NY)
 9540 0138 RP; EE folk mx QRM de RCI (322 3/23 Mayer-CA)
 11855 0752 RP; EE cnty on the devoloping countries (433 3/23 Heyman-NY)
 11990 0100 RP; EE "Sunday Magazine" (353 3/17 White-MS)(Schweikart-VA)(Hodson-MN)
 (Earhart-PA)(Farmer-TN)(Smith-FL)(Stone-ONT)
 21505 1600 RP; EE anniversary contest information (232 3/16 Audette-MA)

DENMARK**RADIO DENMARK · 1999 COPENHAGEN V.**

15165 2225 RD; Danish soft pop mx (423 3/16 Smith-CA)(Plotnick-??)

FINLAND

976Onf 0330 RP; EE om ID freq's (322 3/23 Audette-MA)
 11755 0340 RP; EE childrens' mx (341 3/14 Smith-CA)(Moman-ALB)(Audette-MA)(Fournier-VA)(Earhart-PA)
 15265 *2130 RP; EE yl w/ ID "Northern Report" (322 4/2 Audette-MA)(Audette-MA)
 (Heyman-NY)
 15270 2130 RP; EE "Northern Report" (322 3/30 Zilmer-WI)
 15400 1432 RP; EE tlk (444 3/16 Yajko-PA)(Farmer-TN)(Earhart-PA)
 21475 1438 RP; EE ID yl "Compass North" (333 3/15 Hodson-MN)(Smith-FL)

FRANCE

TéléDiffusion de France

5990 0503 RFI; FF pop mx om DJ ID (332 3/19 Smith-FL)
 7135 0408 RFI; FF pop mx (323 4/2 Hall-CA)
 15135 0635 RFI; FF nx current events (444 4/3 Maghakian-CA)
 15190 1645 RFI; FF roundtable discussion FFpop mx (232 3/29 Cunningham-OH)
 15425 1930 RFI; FF om/yl w/ a radio play (343 3/15 Smith-CA)
 17795 1745 RFI; EE "Spotlight on Africa" (322 3/22 Audette-MA)
 21515 1515 RFI; EE ID nx (454 3/3 Korneke-VA)(Audette-MA)
 21520 1705 RFI; EE "PCA" wld and African nx (554 3/11 Thompson-CA)
 21580 1715 RFI; EE om w/ nx (544 3/19 Valentine-CA)
 21620 1645 RFI; FF tlk on FF ads (544 3/25 Miller-CA)
 25820 1605 RFI; EE "PCA" (242 4/6 Audette-MA)

GERMAN DEM ERP

5955 0335 RBI; EE om w/ nx ID cnty (433 3/28 Audette-MA)(Earhart-PA)
 9730 0230 RBI; EE IS ID nx mx (322 3/23 Alexander-PA)(Fournier-VA)
 11890 0353 RBI; EE 2 om w/ tlk on GDR's technology (433 3/13 Heyman-NY)
 11975 0130 RBI; EE mx interviews (444 3/23 Schweikart-VA)(Mayer-CA)(Tripathy-CA)
 (Hodson-MN)(Earhart-PA)(Brewer-TN)
 15106 0730 RBI; Hindi IS ID nx (332 3/30 Smith-FL)
 15240 1415 RBI; EE om ID African Service (523 3/12 Thompson-CA)
 17880 1200 RBI; EE nx cnty features (333 3/20 Zilmer-WI)(Audette-MA)
 21465 1411 RBI; EE nx from DDR (222 4/5 Gremier-CA)
 21500 1820 RBI; EE om w/ feature on Apartheid (333 3/22 Audette-MA)
 21540 1424 RBI; EE interviews (433 3/15 Yajko-PA)

GERMAN FED REP

3995 0237 DW; GG EZL-mx (233 3/19 Cohen-PA)(Holland-NY)
 5960 0528 DW; EE IS ID freq's nx (344 3/9 Cohen-PA)(Kerrigan-IL)
 6065 0140 DW; EE pop mx request show (333 3/12 Alexander-PA)
 7130 0357 DW; RR IS ID nx (323 3/5 Blaize-LA)
 7265 0608 SWP; GG pop mx polka and yodel to serious mx (222 3/16 Hall-CA)
 (Alexander-PA)
 9605 0134 DW; EE nx :Germany this Week" (433 3/23 Mayer-CA)
 11905 0700 DW; FF ID nx (333 3/12 Alexander-PA)
 15135 1750 DW; EE mx ID feature on new driving techniques in FRG (333 3/22 Audette-MA)
 15275 1012 DW; EE om w/ tlk on Eric Fromm (232 3/19 Audette-MA)
 17795nf 0100 DW; GG ex 11765? (322 Hardester-CA)
 21500 1100 DW; EE om w/ tlk on Zimbabwe (343 4/6 Audette-MA)

GREECE

9650 0300 VOG; Greek mx (343 3/27 Maisg-LA)
 11730 0140 VOG; EE tlk (333 3/4 Davenport-TN)(Miller-CA)(Thompson-NM)
 21455 1500 VOG; Greek no EE in this entire transmission. They have been shifting EE nx segments around in other broadcasts (3/30 Hauser-TN)

HUNGARY

9690 2024 RB; EE DX prgm (343 3/31 Smith-FL)
 9835 2100 RB; EEQ&A about Hungarian leather factories (443 3/4 Byron-NY)(Miller-CA)
 11910 0200 RB; EE IS ID nx (333, 3.12 Smith-FL)
 15020 2250 RB; Hungarian NA service should be 15220 (3/30 Hauser-TN)
 17710 0200 RB; EE nx (454 3/16 White-MS)(Audette-MA)(Byron-NY)(Moore-PA)(Kormeke-VA)(Stone-ONT)
 17820a 0320 RB; EE yl w/ nx sx mentions of contest (434 3/17 Farmer-TN)
 21525 1045 RB; EE om/yl w/ radio play (232 4/4 Audette-MA)

ICELAND

12175 1230 RR; Icelandic cnty ID EE at end of program (454 4/1 Eddie-MO)
 (Brewer-TN)(Cucura-PA)

IRELAND

6243t 0730 R. Condor International; EE om anncr pop mx (121 3/23 Alexander-PA)
 11463 0741 R. Condor International; EE pop mx om DJ ID "This is Radio Condor International broadcasting on shortwave on 11463 in the 25 meterband"
 Said RCI might start a shortwave DX-prgm and wanted suggestions
 (333 4/6 Fisher-MA) There address is FRC-Ireland, 53 Charlestown Rd.
 Dublin 6, Rep. of Ireland. Thanks John for this info. ed(Lobdell-MA)
 (Westbrook-FRG)(Moore-PA)(Kegel-MD)

ITALY

9575 0107 RAI; EE tlk abt a drug bust by Italian police (433 3/22 Yajko-PA)(Mayer-CA)(Donahue-CT)(Sweikart-VA)(Stone-ONT)
 11800 0113 RAI; EE nx by yl mx ID (333 3/26 Heyman-NY)
 21560 1830 RAI; Italian tlk mx nx (252 4/14 Maghakian-CA)

LUXEMBOURG

6090 0000 RL; EE nx pop mx om DJ (413 2/1 Johnson-IL)(Kerrigan-IL)(Farmer-TN)
 (Pavelka-NY)(Sweikart-VA)(Alexander-PA)(Schroeder-WI)(Smith-FL)
 15350 0326 RL; FF Pink Floyd mx "Brick in the Wall" (434 3/22 Lippman-FL)(Maghakian-CA)

MALTA

6100 0535 DW; EE wld nx "Sunday Magazine" (344 3/3 Kerrigan-IL)
 9650 2112 IBRA; EE rel prgm ID @ 2115 (322 3/12 Moman-ALB)(Calver-GB)
 9670 0700 FM; EE "Malta Calling" (434 3/15 Eddie-MO)
 11685 0130 DW; EE magazine prgm discussion of languages (544 3/23 Farmer-TN)

MONACO

9495 0700 TWR; EE rel prgm ID (554 3/22 Pavelka-NY)(Moman-ALB)(Godfrey-ONT)

NETHERLANDS

9895 0953 RN; EE yl w/ "Afroscene" (433 3/19 Audette-MA)
 17605 2042 RN; EE "Newslines" (454 4/4 Pavelka-NY)(Pettit-IA)
 17695 2030 RN; EE nx cmty (333 4/4 Dunn-CA)

NORWAY

9590 0744 RN; Nor/EE ID om w/ mx NA (433 3/22 Westbrook-FRG)
 9645 0206 RN; EE tlk abt radio and TV monopoly (323 3/3 Lentz-PA)
 15135 0700 RN; Nor ID nx (333 4/3 Maghakian-CA)
 15175 2210 RN; Nor om w/ ID in EE mx (434 3/20 Korneke-VA)(Smith-CA)
 15345 1614 RN; EE prgm on the North Sea (433 3/30 Audette-MA)(Yajko-PA)
 17795 2200 RN; strong sig to NA on Sundays DW moved here from 11765 resulting in horrible co-channel mix. This forces NA listeners to tune the 15175 freq instead, which is weaker, but clear (Hauser-TN)
 17840 1405 RN; EE om/yl ID "Norway this Week" (444 3/23 Audette-MA)

POLAND

6135 2248 PR; EE om/yl w/ prgm of nx of Poland (433 3/30 Audette-MA)
 7270 0630 PR; EE nx ID (333 3/23 Alexander-PA)(Smith-FL)
 9525 0307 PR; EE nx from Poland (333 3/18 Fournier-VA)
 11815 0302 PR; EE ID freq's prgm sked (322 3/20 Mayer-CA)(Fournier-VA)(Audette-MA)
 (Stone-ONT)(Smith-FL)(Holland-NY)
 15120 0200 PR; EE nx and a statement by the chairman of the boxing association (444 3/16 McLean-NY)(Farmer-TN)(Drew-TX)(Cunningham-CA)(Sanderson-AZ)
 (Smith-CA)(White-MS)(Stone-ONT)

PORTUGAL

6185 0504 RP; EE mx nx cmty (232 3/16 Smith-FL)
 9670 2045 IBRA; EE "Revival Time" (444 3/30 Moore-PA)(Audette-MA)
 11925 0355 RP; PP futbol results (444 3/24 Levin-NJ)(Johnson-IL)(Heyman-NY)
 15175 0350 RP; ? very bad het and rumble folk mx (422 3/4 Maghakian-CA)
 15230 2200 RJ; EE ID nx cmty (455 3/20 Tioa-ITALY)
 17880 1807 RP; EE id yl w/ African nx mx (422 2/23 Hodson-MN)

ROMANIA

5990 0226 RB; EE R. Bucharest Listners Club prgm (444 3/9 Steck-IL)(Moman-ALB)
 (Smith-FL)(Holland-NY)(Mayer-CA)(White-MS)
 9570 0214 RB; EE prgm review ID's (333 3/3 Lentz-PA)(Smith-FL)
 9690 1936 RB; EE wld nx to 1938 tlk abt foreign minister (333 3/14 Lentz-PA)

SPAIN

6065 0518 SFR; EE opera singers (444 3/3 Kerrigan-IL)
 9630 0105 SFR; EE opera sx nx (454 3/3 Fraser-MA)(Sweikart-VA)(Smith-FL)
 (Riocciuto-NY)(McLean-NY)(Drew-TX)
 11775 0132 SFR;SS fast tlk ID (333 3/4 Davenport-TN)
 11840 2143 SFR; EE om/yl w/ tlk on events of the past week (433 3/23 Audette-MA)
 11880 0054 SFR; EE SS lessoné (554 3/27 Mayer-CA)(Valentine-CA)(Heyman-NY)

SWEDEN

9695 0245 RS; EE "Sweden Calling DX-ers" (343 3/19 Tripathi-CA)^{1/2}
 11705 0250 RS; EE discussion on nuclear power (443 3/20 Mayer-CA)(Sanderson-AZ)
 (Heyman-NY)
 11905 0127 RS; multi ID s-off 0128 (444 3/23 Mayer-CA)(Audette-MA)(Miller-CA)
 15275 2301 RS; EE Nordic nx (544 4/2 Pavelka-NY)(sSershon-IL)(Fournier-VA)
 (Somers-CA)
 21615 1400 RS; EE "Saturday Show" (444 3/15 Fraser-MA)

SWITZERLAND

6135 0150 SRI; EE "Dateline" wld nx (433 3/28 Audette-MA)
 6165 0639 SRI; FF mx polkas (232 3/21 Smith-CA)
 7270 0600 RCBS; EE IS tx abt poisonus gas (444 3/24 Pettit-IA)
 9535 1840 SRI; EE editorial ppinions (333 3/17 Yajko-PA)
 9560 0700 SRI; EE Swiss nx (444 3/22 Westbrook-FRG)(Maghakian-CA)
 9725 0146 SRI; EE "Dateline Friday" (433 3/22 Sweikart-VA)(Hodson-MN)
 (Appollon-MD)(Heyman-NY)(Mayer-CA)(Thompson-NM)(Tripathi-CA)
 (Miller-CA)(Grenier-CA)
 11715 0155 SRI; EE tlk DX-prgm (544 3/9 Pettit-IA)(Davenport-TN)(Grenier-CA)
 (Thompson-NM)(Valentine-CA)(Smat h-FL)
 15125 1535 SRI; EE "Dateline Tuesday" (544 3/11 Thompson-CA) Maghakian-CA)
 15305 0700 SRI; EE nx "Swiss Merry-go-round" (333 3/8 Alexander-PA)(Witte-CA)
 17715 0625 SRI; Italian mx ID nx (353 4/3 Maghakian-CA)
 17750 0028 SRI; FF mx TC nx (444 4/4 Maghakian-CA)
 17830 1820 SRI; EE "Dateline" (232 4/2 Audette-MA)(Fraser-MA)
 21520 0659 SRI; EE IS s-on nx (252 4/3 Maghakian-CA)
 21570 1530 SRI; EE "Swiss SW Merry-go-round" (322 544 Pettit-IA)(Fraser-MA)(Grenier-CA)
 21585 1813 SRI; EE mx IS ID s-on (433 3/16 Mayer-CA)
 21630 1100 SRI; EE nx "Dateline" (333 3/25 Zilmer-WI)

UNION OF SOVIET SOCIALISTIC REPUBLICS

Radio Kiev

9580 0331 EE; yl soff and freq' (445 3/19 Korneke-VA)
 11770 0030 EE; tlk w/ mx (333 3/4 Davenport-TN)(Heyman-NY)(Stone-ONT)
 11790 0040 EE; "Ukranian Panorama" (333 3/13 Smith-FL)(Fournier-VA)
 15100 0300 EE; wld and local nx (344 3/13 Cunningham-CA)
 17870 0030 EE; "Kiev Mailbag" (444 3/16 McLean-NY)(Tripathi-CA)

Radio Moscow

4785 0300 RR; IS ID nx (333 3/19 Cunningham-OH)
 4860 0203 EE; via Kalinin nx IS cmty (332 3/30 Audette-MA)
 5905 0225 RR; mx ID TO mx (222 3/3 Cunningham-OH)(Wagner-PA)
 5940 0830 RR; om/yl w/ tlk pop mx (433 3/14 Witte-CA)
 7345 0900 RR; via Yakutsk chimes ID (433 3/23 Witte-CA)
 7450 0900 RR; via Frunze ID cmty (333 3/8 Hall-CA)
 9490 0015 EE; prgm "What is Communism" (333 3/20 Davenport-TN)(Smith-CA)
 9505 2200 EE; via Novosibirsk nx (333 3/30 Zilmer-WI)
 9580 1630 EE; folk mx and discussion od the same (242 3/1 Blaize-LA)
 9600 0300 EE; cmty from Pravda (444 3/5 Davenport-TN)
 9610 0405 EE nx ID (434 3/17 Smith-MA)(Fraser-MA)
 9685 2240 EE; via Simferopol yl w/ ID vocal mx (544 3/13 Schroeder-WI)(Fraser-MA)

SWBC DX

AFRICA



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FEBA
 Seychelles

Radio Television Kaduna

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

First of all thanks go to all 68 reporters this month, especially to the 6 first-timer's!!! Many good loggings have been received this month, even though it is listed as tentative, the Burundi logging sounds promising. Just a reminder that times and dates are GMT, frequencies are in kilohertz.....on to the loggings.....

ALGERIA

11740 *2100 Radio Algiers: Wld nx in EE, ID //11810/9610 (423 3/10 Lippmann-FL)(322 3/30 2100 EE Zilmer-WI)
 11810 2100 RA: EEMx,nx //11740 (333 3/21 Zilmer-WI)
 15160 0700 RA: FF ID, nx, QRM de R. Australia until 0700* (Boehm-TX)

ANGOLA

3375 2310 R. Nacional: PP OM w/tlks //4820 (333 3/28 Moore-PA)
 4820t 2216 RN: MOR mx, YL PP tlks (252 3/24 Moore-PA)
 5191 2235 EP do Moxico: Non-stop drum mx, PP tlks (232 3/28 Moore-PA)
 11955 0535 RN: Continuous PP polt tlks, KO'd by BBC 0550 sign/on (432 3/2 Holland-NY)

ASCENSION ISLAND

15400 1620 BBC-Atlantic Relay: EE "World Today" (454 3/31 Thompson-NM)

BENIN

4870 0455 ORTB: FF tlks, ID, afro mx (343 3/13 Huddleston-TX)(2224 Schweikart-VA)(0355-Barrete-QUEBEC)(2225-Toia-ITALY) (0617- Cohen-PA)(*0409-Cunningham-OH)(2240-McLean-NY) (0520-Traver-CA)(0517-Mayer-CA)‡2258-Lentz-PA)

BURUNDI

3300t 1800 La Voix de la Revolution: FF OM nx, mentions of Zimbabwe, South Africa, TC was for 2015, which rules out Gabon (322 3/27 Oexner-W. GERMANY)

CAMEROON

4000t 2228 Radio Bafoussam:FF tlks, antem at 2232*, tent because of severe QRM de ARO's (222 3/24 Moore-PA)
 4850 0500 Radio Yaounde: EE ID at 0517, FF pgms (242 3/21 Traver-CA)
 5010 2140 Radio Garoua: FF/vern tlks, 2206* (333 3/24 Cohen-PA) (333 3/20 0527 Vern Mayer-CA)
 9745 1505 Radio Yaounde: FF OM w/rock&roll (342 4/5 Thompson-CA)

CANARY ISLANDS

15365 *2045 REE: IS from 2035, then s/on (222 3/12 Moman-ALBERTA)

CENTRAL AFRICAN EMPIRE

5035 2229 La Voix de l"C.A.E.: FF ID, mx (322 3/7 Cucura-PA)(Audette)

CONGO

3265 0515 RTC-Brazzaville: FF tlks, pop mx (343 4/9 Howell-CA)

EGYPT

7050 0415 Radio Cairo: AA "Voice of Arabs", mx (555 3/3 Holland-NY) (Blaize-LA)
 9475 0210 Radio Cairo: EE tlks on Egyptian Proverbs, news at 0215 (323 3/23 Farmer-TN)(534 3/25 0219 Miller-CA)(Cohen-PA)
 9805 2215 RC: EE ID, mx, world nx at 2230 (544 3/19 Schroeder-WI)
 EGYPT continued on the next page.....

EGYPT.....continued

12050 0200 Radio Cairo: EE TC, ID (322 3/17 W. Smith-CA)
15172m 0945 RC: AA 'General Arab Service' //11785 (333 4/6 Kornek-FRG)
15210 2145 RC: Yoruba (listed) tlks, mentions of Cairo (333 Audette-MA)

EQUATORIAL GUINEA

4925 2158 Radio Ecuatorial: SS ID at 2201, nx (333 3/22 Schweikart-VA)
(232 3/23 2055 SS Zimarowski-MA)
5004.5m 2100 Radio Ecuatorial: SS nx, ID's, 2157* w/NA (232 3/30
Zimarowski-MA)

ETHIOPIA

7110 *0400 VORE: Flute IS, Lang s/on (333 3/6 Pettit-IA)(422 3/3 0710
FF/vern Cunningham-OH)
9560 1500 VORE: EE OM ID, tlks, QRM de Jordan (422 4/9 Howell-CA)
(222 3/27 1433 AA/EE Mayer-CA)

GABON

4777 2300 RTVG: Afro mx, FF tlks (343 3/19 Zilmer-WI)(343 3/22 2220
FF Schweikart-VA)(433 3/24 2215 FF Cohen-PA)(Leeman)

GHANA

3366 *0530 GBC: EE/vern s/on "...GBC 2" (343 4/10 Howell-CA)
4915 0546 GBC 1: Vern tlks, (242 3/21 Traver-CA)(Heyman-NY)(2250-McLean
NY)(Cohen-PA)(Moman-Alberta)(2244-Schweikart-VA)(2245-
Zilmer-WI)(Huddleston-TX)
4980 2256 GBC 2: EE OM rlg tlks, NA, 2300* (433 3/27 Lippmann-FL)
(333 3/14 2230/2302* Zilmer-WI)

GUINEA

4910 2308 RN: FF/vern OM tlks, afro mx (242 3/28 Cohen-PA)(353 3/27
0635 FF Eddie-MO)

IVORY COAST

4940 2209 RTVI: FF tlks, mx, drums (222 3/9 Plotnick-CT)(Audette-MA)
(Zilmer-WI)(Cohen-PA)
11920 0735 RTVI: FF tlks by OM, pop mx (444 4/8 Audette-MA)

KENYA

4804 1801 VOK: EE nx by OM (232 3/30 Kornek-W. Germany)
4915 0303 VOK: Swahili (listed) OM/YL tlks, ID at 0304 //4934
(252 4/2 Hardester-CA)(232 4/2 *0300 Hickman-OR)
4934 1834 VOK: Vern tlks, mx/vocals (333 3/14 Kornek-W. Germany)(242
*0300 Swahili Hickman-OR)

LIBERIA

4770 0640 ELWA: EE OM tlks, mx, TC (333 3/26 Moss-CA)(0710-Eddie-MO)
(222 3/16 2227 Cereghin-MD)(333 3/15 0640 Godfrey-ONT)
(2257-Cohen-PA)(Moman-Alberta)(2300*-Alexander-PA)(2203-
Schweikart-VA)
7280 0725 VOA: EE tlks, afro mx, ID (434 3/8 Holland-NY)
11860 1830 ELWA: YL s/on in Hausa, Moscow co/channel (232 3/10 Thompson)
11930 *0623 ELWA: Multi-lang ID, into AA pgm (presumed)(343 3/28 Kowalski)
15320 1830* VOA: PP OM nx, EE ID (333 3/15 Traver-CA)
17865 0320 VOA: EE "African Safari" (454 3/22 Audette-MA)
17870 1725 VOA: EE ID, nx, commentary on Iran (454 4/30 Thompson-NM)
21660 2215 VOA: EE "Music USA", Jazz selections (343 3/25 Audette-MA)

LIBYA

6190v 2047 SPLAJBC: AA tlks, chimes at 2230,2240* (322 3/26 Zimarowski)
7135 0757* SPLAJBC: AA ID's, s/off w/NA (433 3/21 Zimarowski-MA)

MADAGASCAR

15220 1820* Radio Nederland: Dutch cmnty, ID at s/off (333 3/15 Traver)
21480 1435 RN: EE cmnty on Zimbabwe/Rhodesia (233 3/13 Barrette-QUE)

MALI

5995 2352 RNM: FF tlks, mx (222 3/2 Holland-NY)(Pettit-IA)(Toia-ITALY)

MAURITANIA

4845 2350 RNM: FF rlg chants, NA, 0002* (544 3/2 Barrette-QUEBEC)

Not enough room to start Morocco here.....Thanks to everyone who cut up
their loggings....everyone did this month....thanks & please continue.....

MOROCCO

11760 2000 VOA: EE nx, "Words & Their Story" (343 3/2 Fraser-MA)
 21520t *1559 VOA: EE ID, into Albanian, prior to 1600 EE from Greenville,
 after 1600 new freq/time (544 4/1 Kornek-W. Germany)
 21730nf 1730 RTVM: AA tlks/chants in move from 21735, //15160 (332
 3/30 Zilmer-WI)(Cunningham-OH)

MOZAMBIQUE

3208.5t 0305 RCM: PP YL tlks, afro string mx (122 3/22 Barrette-QUEBEC)
 3338 *0353 RCM: IS, multi-lang ID (3/9 Howard-CA)
 4925t 0520 RCM: Afro mx, vern lang anns (332 3/20 Earhart-PA)

NIGER

5020 0548 ORTN: FF/Vern tlks, afro mx (322 3/21 Cohen-PA)
 3260 0538 ORTN: FF OM/YL tlks, moderate QSB (242 4/9 Howell-CA)

NIGERIA

4932 2149 Radio Bendel: Lang/EE tlks, 2200 TC, ID(252 3/6 Cucura-PA)
 4990 2200 FRCN-Lagos: TP's, local TC, 11:00, ID, nx(322 3/26 Heyman-NY)
 (333 3/29 2300 EE McLean-NY)(322 3/26 2154 EE Cohen-PA)
 5965 2200 Plateau Broadcasting Corporation: OM EE TC, 11:00 local, ID
 vern tlk at 2205 (333 3/31 Audette-MA)
 7255 0530 Voice of Nigeria:EE pgms, 0600* (323 3/10 Pettit-IA)(0534-
 Lippmann-FL)(0557-Moman-Alberta)
 15120 0708 VON: EE OM/YL tlks on Nigerian culture (343 4/8 Audette-MA)
 (0650-Mayer-CA)(0732 FF-Kornek-W.Germany)(0614-Cohen-PA)
 0703-Maghakian-CA)

RWANDA

11965 1435 DW: AA tlks, chants, GG ID (433 3/25 Miller-CA)
 30820h 2314 DW: The MUF was really up 3/17 as DW-15410 xmtr heard on 2nd
 harmonic, rather fluttery, tho, and still in at 0010 3/18
 check. At this time BBC Ascension also audible on 30780 in PP
 (Hauser-TN)

SAO TOME e PRINCIPE

4807 2245 Radio Nacional: PP tlks, ID, 2259* (333 3/22 Fisher-MA)(Cohen)

SEYCHELLES

15400 0415 FEBA: AA pgm (353 4/5 Wentzell-MN) more info please...Bob???

SIERRA LEONE

5980 2358 SLBC: EE ID, freqs/sked, NA, 0001* (433 3/28 Lippmann-FL)
 (Maise-IA)(Kegel-MD)(Audette-MA)

SOMALIA

9585 1910 Radio Mogadishu: Somali OM anns (222 3/24 Moore-PA)

SOUTH AFRICA

3250 *0400 Radio 5: EE/Afrikaans s/on (232 3/12 Kegel-MD)(All Night Serv
 of SABC is on this freq prior to 0400...Kegel-MD)(Barrette)
 (333 3/13 1801 Oexner-W.Germany)
 4835 0407 SABC: EE tlks on farming (423 3/27 Lippmann-FL)
 4990 0425 R. RSA: EE tlks, pop mx, 0430* (323 3/14 McLean-NY)
 9715 0245 R. RSA: RSA made a mid-season change to NAM, noted 3/29 0245
 on this new freq, plus former 15155 and 11900, apparently
 having dropped 15265 and 17770. WYFR plans to resume this
 freq in J80 sked 0100-0500 so a conflict is in sight.
 (Hauser-TN)
 11900 0215 R. RSA: EE "Touring RSA" (434 3/16 McLean-NY)(Earhart-PA)
 11935 1627 R.RSA: Lozi tlks, country mx(433 3/10 Thompson-CA)
 15155 0203 R.RSA: EE world nx (555 3/16 Somers-CA)(Farmer-TN)(Pettit-IA)
 (Cohen-PA)(Cunningham-CA)(Earhart-PA)(Schroeder-WI)
 15220 0501 R.RSA: FF news (222 4/6 Grenier-CA)
 17780 2150* R.RSA: EE nx on Zimbabwe elections (333 2/26 Oliver-NJ)
 21535 2117 R.RSA: EE tlks on Ireland (433 3/21 Mayer-CA)(1503-Grenier-CA)
 25790 1810 R.RSA: GG tlks to Europe (353 3/15 Maghakian-CA)

SWAZILAND

3240t 0316 TWR: Vern OM tlks (222 3/20 Mayer-CA)
 4790 *0255 TWR: EE/vern ID's at s/on (222 3/12 Cohen-PA)
 5055 *0330 TWR: IS, ID, religious pgms (343 2/16 Harms-VT)(Mayer-CA)

TANZANIA
4785 1746 Radio Tanzania: Drum mx, Swahili ID (322 3/14 Kornek-W.Germ.)
*(332 4/1 tent. Lattemann-WA)
5050 1700 RT: ID in Swahili by OM, RTTY QRM (poor 3/16 Calver-UK)
9685 1930 RT: EE OM/YL tlk "Voice of Zimbabwe" pgm (222 3/29 Moore-PA)
(252 3/24 1559 Boehm-TX)

TOGO
5047 2300 RTT: FF nx,mx (444 3/21 Toia-Italy)(0500-Moman-Alberta)
(Cohen-PA)(Holland-NY)(Heyman-NY)(Mayer-CA)(Lentz-PA)

TRANSKEI
7160t 0412 Capital Radio: EE OM Annr, TC at 0416 (422 3/24 Lippmann-FL)
(222 3/20 0357 EE ARO QRM Zimarowski-MA)

TUNISIA
7225 0558 RTT: IS, AA s/on, OM tlks (444 3/17 Brewer-TN)

UGANDA
15325 0330 Radio Uganda: EE ID, local nx,mx (Cucura-PA)(Sanderson-AZ)
(Lippmann-FL)(Moman-Alberta)(Maise-LA)(Cohen-PA)(Oliver-MA)
(Korneke-VA)(Hardester-CA)(Pavelka-NY)(Farmer-TN)(Audette)

UPPER VOLTA
4815 2148 RTUV: FF/Vern tlks, FF ID (222 3/7 Cucura-PA)(Moore-PA)

ZAIRE
7255t 2310 LV du Zaire: FF tlks by OM (222 4/7 Vranes-PA)

ZIMBABWE-RHODESIA
3396 0404 ZRBC: EE world nx by YL (322 3/22 Cucura-PA)(Lippmann-FL)
(Cohen-PA)(Pettit-IA)(McLean-NY)(Pavelka-NY)

ATTENTION

Effective immediately please address all mail to me at: P.O. Box 355
Plaistow, NH

This is my parents address and until further notice
please send all material there.....wlo

03865

AFRICAN DRUMBEAT

From Richard Ginbey in South Africa comes the following: ANGOLA: Emissor Regional do Lobito has been observed on 7002 kHz. Clandestine: The Voice of Free Africa is still on the air but not from Zimbabwe. The station, operated by the Mozambique National Front, is now on 4764 kHz from an undisclosed site in Southern Africa, announced as Mozambique itself. The transmission quality plus the use of the same freq suggests that there might be some connection between it and the two pirate stations, Radio Big Daddy and Radio Danny Boy. Portuguese anns were heard during their short run in 1979. The VFA gives as an address: Apartado 169, Cascais 2752, Portugal. The present sked on 4764 is 1830-1930. GABON: Test transmissions from Africa #1 have reappeared weekdays, 0700-1000, on 21640 and 17830 playing unannounced music with frequent breaks in transmission. LIBERIA: Adventist World Radio's project has been shelved in favor of a new location on the African continent, as yet not disclosed...perhaps GABON...wlo. MOZAMBIQUE: Jamming of Radio Mocambiques External Service transmissions has ceased, all transmissions are now in the clear...Emissao Nacional in Maputo in the 19 mb is on the move. They were recently logged on 15413 kHz at 0700....The Nampula provincial station reported to now be on old freq of 4938 kHz and at times also on 4972 kHz. SWAZILAND: Swaziland Commercial Radio has reduced its operating schedule and adopted the following changes on SW: 3223 kHz Mon-Fri 0200-0400, 4980 kHz 2000-2030 (Fri/Sun 2200, Sat 2300) and 6155 Khz 0400 (Sun. 0500)-2000. TANZANIA: The external service of Radio Tanzania has made some changes, from 0330-0430 the frequencies are now 5985 and 6105 kHz, between 1530-1945 they are on 6105 and 15435 kHz. TRANSKEI: Capital Radio has dropped 3950 kHz and is now using only 7160 on SW. ZAMBIA: The home service of Radio Zambia is frequently noted at sign/on 0355 on 3295 kHz which hasn't been used for several years in // to 4911 (sometimes replaced by 4965 kHz) and 6165. The external service on Sundays has made minor changes, 0600-0712 they are on 11850 and from 1100-1215 on 17895.....That's about all for this month...used all of the logs.... PLEASE NOTE NEW ADDRESS ABOVE!!! Due to my decision to move with the company I work for, it will be easier to send mail to the above address until I get settled.....73's.....gud dx.....

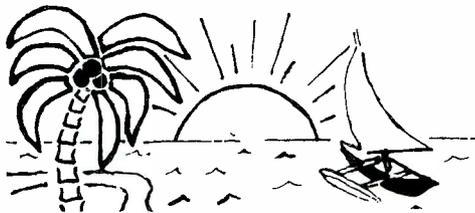
ASIA-OCEANIA

EDITOR:

JIM MAYER
1139 LA SENDA DRIVE
FULLERTON CA 92635

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

0000=sign on 0000=sign off



ASIA

AFGHANISTAN

15075 1903 R. Afghanistan: EE nx by Gh, ID @ 1903, American pop mx, political tlk (333 6/14 Westbrook-FRG)(Cexner-FRG)(Kazaross-RI)(Zilmer-WI)(Calver-LNG)(Lippmann)

BURMA

4725 1442 BBS: Burmese w/ local mx on stringed instrument (333 3/24 Mayer-CA)
5985 1444 BBS: EE ID by Gh, relay of RA nx, // 5040 (222 3/24 Mayer-CA)

CHINA

3940 1322 Wuhan: CC OM w/ EE lang. lesson (343 4/9 Howell-CA) EBS
4110t 1123 Urumqi: CC w/ YL cnty, UTE QRR (222 3/31 Moore-PA)
4840 2157 Heilongjiang: CC opera mx, TMs, IL by Gh, mx (433 3/14 Cexner-FRG)
4865 2322 Gansu: CC OM tlk, // 5970 (343 3/26 Cexner-FRG)
4925 1325 Heilongjiang: CC OM/YL tlk, instr. mx, // 5950 (353 3/31 Hardester-CA)(Mayer)
5170 1054 FFS 2: CC w/ OM tlk, // 8195, 7025 (333 3/23 Mayer-CA)
6665a 0835 Beijing 1: CC YL w/ long tlk (333 3/15 Mayer-CA)
7850 1021 FFS 1: CC w/ YL vocal, ID @ 1030, mx, // 9540 (353 3/13 Boehm-TX)(Mayer-CA)
9020 1515 Beijing 2: CC? folk mx/songs (333 daily Haghakian-CA)
9460 0945 R. Peking: EE YL cnty on industrial accidents, IL (252 3/13 Boehm-TX)
9490 1435 Lhasa: CC w/ OM/YL cnty (222 3/17 Moore-PA)
9920t 1952 RF: Lang. w/ YL tlk (222 3/23 Kazaross-RI)
9965 2127 RF: Lang. ID by YL, oriental mx (434 3/23 Kazaross-RI)
11505 2230 RP: EE w/ EE/CC lang. lesson (343 3/30 Zilmer-WI) Another CBS L/RP confrontation. CPBS must be relaying RI transmissions.....jwm
11650 0140 RP: SS cnty on fertilizer production in CC, // 17650 (142 3/19 Barrette-QUE)
11725 0925 RF: EE "Learn to Speak CC" pgm, freqs. given by YL (444 3/30 Audette-MA)
11945 1245 RF: EE w/ mx pgm, IL, // 15300 (444 3/23 Audette-MA)
15030 0021 Beijing 2: CC w/ continuous CC singing, tlk by Gh/YL (343 3/25 Mayer-CA)
15125 0935 RF: EE nx by Gh, IL, mx, "Learn to Speak CC" pgm (333 3/19 Audette-MA)
15230 0402 RF: EE wld. nx (333 3/20 Sanderson-AZ)
15520 0137 RF: EE cnty on CC woman diver (322 3/19 Fournier-VA)(Farmer-PH)
15550 0745 RP: CC OM/YL conversation, RTTY QRR (322 3/16 Smith-CA)
15590 0753 RF: CC w/ children's chorus (343 3/16 Smith-CA)
15600 0230 RP: EE w/ CC lessons (444 3/13 Stone-CHI)
15790 2114 V. of Rev. Malaysia: Bahasa Malaysia w/ oriental mx, several ID's by YL, to 2230* (433 3/21 Witte-CA)
17680 0215 RF: EE cnty on Soviet aggression in Afghan., folk mx (444 3/12 Stone-CHI)
(Cohen-IA)(Gunster-CA)(Dunn-CA)(Lew-TX)(Larhart-IA)(Apollon-ID)(Clean-NY)++

CYPRUS

6030 1758 SBC relay: AA LB, ancmt, AA song, cov'd here by SDR (211 3/29 Kornek-FRG)
15420 0947 ZBC relay: EE w/ Allistaire Cook tlk on the USA (222 3/9 Cohen-IA)

INDIA

9912 2205 AIR: EE w/ nx pgm (343 3/29 Yajko-IA)(Audette-MA)(Cunningham-CA)(Barrette-QUE)
11620 2105 AIR: EE L., nx by Gh on GCS, cnty (222 3/1 Hodgson-MI)(Cohen-IA)(Schweikart-VA)
(Brewer-TX)(Cook-CA)(Smith-FL)(Roman-ALB)(Westbrook-FRG)
15110 2102 AIR: EE YL w/ ld. nx, ID, cnty on Indian shipbuilding, mx (353 4/8 Audette-MA)
(Lobdell-IA)(Lippmann-FL)(Zilmer-RI)
15125 2100 AIR: EE w/ mx, YL ancmt, nx (333 3/30 Krause-WI)
15205 *1000 AIR: EE ID, mx, cnty, mx, bad mod. (322 3/3 Colliard-RI)
15335 1943 AIR: EE nx, cnty, pgm rec'd, folk mx pgm, // 11810 (423 3/5 Lippmann-RI)

INDONESIA

3265 1007 RRI Bengkulu: Indo w/ YL ancmts, mx & chants, cnty (232 3/18 Hall-CA)
 3325 1440 RRI Palangkaraya: Indo YL tlk, local mx, het. (222 3/20 Mayer-CA)
 3330 144-1 RKL72 Sukabumi: Indo w/ local mx (333 3/20 Mayer-CA)
 2345 1120 RRI Ternate: Indo w/ Ch tlk, steady signal, no ID (333 4/5 Nikolich-IL)(Hall)
 3367 144-2 R. Ang-atan Udara: Indo local mx w/ tlk, UTE RR. (222 3/20 Mayer-CA)
 4719 1200 RRI Ujung Pandang: Indo IS, ID, YL ancmts, pop/traditional mx, hets. (333 3/16 Hall-CA)(Peters-HAN)
 4753 1400 RRI Ujung Pandang: Indo ID w/ bells, nx (444 3/13 Roman-ALB)(Mayer-CA)
 4764 144-6 RRI Medan: Indo w/ long tlk by Ch, Indo mx (433 3/20 Mayer-CA)
 4774 145-2 RRI Jakarta: Indo w/ stringed mx (333 3/20 Mayer-CA)
 4845 1194 RRI Ambon: Indo local mx, ID by YL as "RRI Ambon", IS to 1200, TF's, ID (232 3/13 Cunningham-OH)(Peters-HAN)(Mayer-CA)
 4932 1200 RRI Surakarta: Indo tlk by Ch (good 3/21 Brewer-TN)
 11790 *1359 VOI: EE IS, ID, freqs. given, nx, // 15200 (422 3/8 Lippmann-FL)(Kolland-NY)+
 15200 *0306 VOI: EE s/on, nx (322 3/22 Coomler-CA)

STUDIO : NUSANTARA I UJUNG PANDANG

IRAN
 9022 1935 VOIRI: EE nx on the U.N. Commission & other problems in the M.E. (333 2/26 Oliver-NJ)(Coleman-A)
 15034 0645 VOIRI: Persian nx, ment of M.E. countries, ID (555 3/2 Kolland-NY)(Wentzell-MN)

THE VOICE OF IRAN

IRAN
 9571 1738 R. Baghdad: AA w/ Ch tlk, vocal mx, 1900* w/ anthem & birdcall IS. DON'T MISTAKE FOR JAFAR! (222 3/21 Zimowski-IA) OK, but did you get an ID??? jwm
 9745 2125 RB: EE w/ bird chirps, ID, sked, nx by YL (443 3/2 Lentz-IA)(Hodsdon-MN)(444 Byron-NY)(Serhosh-IL)(Wentzell-IR)(Hauser-TN)(Roman-ALB)(Hall-CA)(Heyman)++++

ISRAEL

9009 2000 IBA: EE w/ "TGIF" w/ tlk on the Eastern Wall (443 3/21 Byron-NY)(Yajko-PA)
 9372 2010 IBA: Hebrew w/ local nx (434 3/1 Levin-NJ)
 9815 0200 IBA: EE ID, freqs. given, nx, "C.A.L." (545 3/24 Miller-CA)(Levin-NJ)(444 Farmer-TX)(Toia-ITALY)(Sanderson-AZ)(Haise-IA)(Cunningham-CA)
 11610 2010 IBA: EE ID, Ch/YL nx on the West Bank/Egypt (444 3/8 Hodsdon-MN)
 11637 0000 IBA: EE IS, ID, nx, "Spectrum" pgm (444 3/5 Lavenport-NJ)(Thompson-NH)(333 Smith-CA)(Smith-FL)(Heyman-NY)(Byron-NY)(Earhart-PA)
 11655 0500 IBA: Hebrew local nx (443 3/16 Levin-NJ)
 11960 2246 IBA: EE "This Week" w/ Ch, tlk on West Bank settlements (422 3/22 Audette-IA)
 15105 *0200 IBA: EE wld. nx by Ch/YL, fantastic signal (555 3/17 McLean-NY)(Thompson-NH)+
 15532 0100 IBA: EE w/ spts. nx, HOR mx, tlk abt. Steve Martin (a wild and crazy guy! jwm) (444 3/9 Alexander-PA)(Hodsdon-MN)(Cohen-PA)(Fraser-IA)(Mayer-CA)(Levin-NJ)++
 17615 *1230 IBA: FF ID by YL, nx, FF pgm, // 17560, 25675, 25640 (232 3/23 Audette-MA)(333 Hodsdon-MN)(Levin-NJ)
 17630 1955 IBA: Hebrew w/ brass bands, local nx (444 4/6 Levin-NJ)
 17710 0225 IBA: XX IS noted on this freq., xmtr engineer probably forgot to turn the xmtr off. When this happens, R. Budapest's best freq. is RR'd (3/8 Hauser-TN)
 17805 1600 IBA: Persian nx, tlk, mx (333 3/24 Zilmer-WI)
 21555 1630 IBA: Yiddish nx, tlk, // 17875 (322 3/24 Zilmer-WI)
 21600 2234 IBA: EE nx & rpts., ID, "C.A.L.", "DX Corner" (343 3/16 Audette-IA)(Proom-ENG)
 21755 1730 IBA: RR tlk, mx, IS @ 1740, TP's, ID @ 1745 (343 3/23 Zilmer-WI)
 25605 1659 IBA: Lang. w/ trumpet IS, ID, Soviet Fulser RR. (322 3/16 Lentz-PA)

Tokyo Report

JAPAN
 3259 1034 NHK Sendai: JJ w/ YL tlking on phone, NHK ID @ 1100, radio drama, JJ ballads (good 3/10 Howard-CA)(Howell-CA)
 3377 1030 NHK Osaka: EE w/ "EE Hour" pgm, interview w/ JJ YL, listener's letters answered, JTH given (Fair 3/22 Howard-CA)
 3607 1120 NHK Tokyo: JJ pop mx, Ch/YL tlk btwn. songs, radio drama (444 3/21 Thompson-CA)
 3910 0825 Fm: EE R&R mx, ads, ID (434 3/18 W. Smith-CA)(Roman-ALB)(Thompson-CA)
 3925 1040 NSB: JJ discussion w/ 2 Ch's, ID, comedy pgm (222 3/16 Cucura-PA)(Coomler-CA)
 3945 0910 NSB: EE Ch/YL w/ "Tokyo Forum", // 6115, 9760 (433 3/22 Coomler-CA)
 9505 *1000 R. Japan: EE wld. nx, "Current Topics" (444 4/1 Clark-KS)(Yajko-PA)(Lentz-PA)
 9760 0610 NSB: JJ rapid counting, sounds like tobacco auction! What's happening here? (433 3/16 Smith-CA)
 11375 *6930 RR: EE ID, freqs. given, nx by Ch, cnty (444 3/30 Audette-IA)
 15235 0103 RJ: JJ w/ nx by YL (232 3/31 Smith-CA)
 15260 0930 RR: EE ID, "Cynion" pgm on Walter Cronkite (433 3/25 Thompson-CA)(Howard-IA)
 15370 0705 RR: EE nx, EE @ 9715, into JJ (555 3/2 Kolland-NY)(Smith-CA)(Daniels-IC)
 15310 0510 RJ: EE tlk on JR railroads, // 15210 (433 3/20 Mayer-CA)
 17755 *2200 RR: EE s/on, nx by Ch, cnty (544 3/24 Thompson-CA)(Coleman-IA)(Roore-IA)
 17850 0100 RR: EE ID, IS, nx, freqs. given (222 3/2 Hodsdon-MN)
 21640 0130 RR: EE nx & cnty (253 3/20 Roore-PA)(Stone-GT)(Haise-IA)

JORDAN

7155 2305 R. Jordan: AA w/ probable nx by OM, ments of Iran & Zimbabwe, ID's @ 2307, eerie chanting, anthem, 2332* (333! 3/14 Cunningham-OH) Nice.....jwm

DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA

2303 1232 Hyesan: KK w/ YL tlk (252 4/9 Howell-CA)
2696 1223 Changjin: KK tlk by OH (242 4/9 Howell-CA)
2850 1058 KCBS: KK w/ lite/EZL mx, YL ancmnt @ 1059, TP's, YL tlk @ 1100 (333 3/23 Mayer)
9420 2109 R. Pyongyang: EE YL w/ economic nx (good 3/11 Calver-LNG)(Korneke-VA)(Barrette)
9977 1125 RP: EE w/ chorus mx, ID by YL (433 3/20 Heyman-NY)(Leeman-RI)(McLean-NY)(333 Smith-CA)(Wentzell-MN)(Hodsdon-MN)(Fraser-MA)(Lentz-PA)(Nikolich-IL)(Kazaross)

RADIO KOREA

PEOPLE'S REPUBLIC OF KOREA

7550 2315 R. Korea: EE cmty w/ YL anncr, local mx, // 15570 (232 3/13 Alexander-PA)
9580 1030 RK: SS w/ s/son, nx (554 3/25 Thompson-CA)
9720 1614 RK: EE nx by OM editorial by YL, "Melodies of Korea" (344 3/8 Lentz-PA)(333 Pettit-IA)(Miller-CA)(Grenier-CA)
9815 1328 RK: EE cmty, pop mx, 2TH given, asked for reception reports (444 3/16 Nikolich)(Barrette-QUE)(Farmer-TN)(Audette-MA)
9870 1255 RK: EE w/ review of KK nx, ID @ 1258 (333 3/16 Cereghin-MN)(Smith-CA)
11725 1007 RK: EE nx, editorial, "Korea Marches On" pgm (533 3/25 Thompson-CA)
11830 1600 RK: EE nx, "Listener's Choice" pgm (344 3/10 Huddleston-TX)(Thompson-CA)(Drew)+
15570 *1245 RK: EE ID, nx, editorial, "Melodies of Korea", mx, // 9815 (333 3/29 Audette)++

KUWAIT

11665 1954 R. Kuwait: EE request show w/ OM anncr, mx by Bee Gees, ID by YL (434 3/14 Westbrook-FRG)(Favelka-NY)(McLean-NY)(Moman-ALB)(Hodsdon-RN)(Cohen-PA)(Hauser)+
21545 0520 RK: EE w/ EZL mx, ID, freqs., TP's, TC, wld. nx @ 0530, // 9650 (354 3/20 Lippmann-FL)(Moman-ALB)(Mayer-CA)(Maise-LA)

LEBANON

6550 *0406 " of Lebanon: AA w/ music box IS, "River kwai" theme, ID by YL @ 0413, tlk (222 3/22 Cunningham-OH)(Brewer-TN)

MALAYSIA (Peninsular)

4985 1419 RTM Penang: EE nx by OM, mx (432 3/27 Mayer-CA)
9665 1530 RTM Kuala Lumpur: EE pop mx, national anthem (433 3/31 Witte-CA)



Sarawak

3385 1357 RMS Miri: Kenyah? w/ long monotonous drumming, IS @ 1400?, TC, ID, tlk by OM (433 3/12 Thompson-CA)
4950 1558 RMS Kuching: EE lite/classical mx, ID, anthem, 1601* (333 3/2 Moman-ALB)(Moore)
5030 1451 RMS Kuching: Bidayah w/ slow mx, love songs (333 3/24 Mayer-CA)

MONGOLIA

12070 1220 R. Ulan Bator: EE IS, YL w/ ID, anthem, nx, tlk on celebration of econ. progress in Mongolia (222 3/18 Cook-CA)(Huddleston-TX)(Cucura-PA)(Cunningham-OH)

OMAN

11740 *0257 BBC relay: EE "Bow Bells" IS, ID by YL, wld. nx, co-channel JRN de WYFR (222 3/19 Cunningham-OH)

PAKISTAN

6210t 0910 FEC Quetta: AA? w/ EE mx, chanting, drums, OM/YL tlk, couldn't hear ID (332+ 3/16 Witte-CA)
11675 *1700 R. Pakistan: EE ID by OM, wld. nx, // 15470 (232 3/9 Lippmann-FL)
15470 1730 RP: AA chants, OM tlk (333 3/26 Ricciuto-NY)
17640 1959 RP: FF w/ ID (333 3/23 Kazaross-RI)
17662 *0715 RP: Urdu? s/on by YL, ment of Pakistan, nx, ID @ 0730, stringed mx (353 3/21 Boehm-TX)(Lippmann-FL)
17830 0234 RP: EE slow nx bulletin, ID as "GOS of RF", 0245*, // 21590 (333 3/22 Schweikart)
17835 *0230 RP: EE ID, slo-speed nx, // 21730, both are nf (353 3/31 Pavelka-NY)(Barrette)
17910 1600 RP: EE ID, slo-speed nx, 1615* (333 3/21 Leeman-RI)(Westbrook-FRG)(Huddleston)
24485 1600 RP: EE nx, 1615* (322 3/24 Zilmer-WI)
21590 0230 RP: EE nx in slo-speed, ID, 0245* (444 3/14 Cohen-PA)(Moore-PA)(Sanderson-AZ)++
21730 *0230 RP: EE nx, 0245* (343 3/26 Lippmann-FL)
21755 1600 RP: EE TC, sked, slo-speed nx (454 3/23 Favelka-NY)(Barrette-QUE)(Fournier-VA)

PHILIPPINES

6110 1106 VOA relay: EE nx (333 3/14 Moman-ALB)
9575 0905 FEBC: EE "Mailbox" pgm, YL anncr, ID's, requests (333 3/29 Witte-CA)
9580 1020 R. Pilipinas: EE ID, feature on Phil. folklore (433 3/17 Coomler-CA)(Kegel-MN)++

PHILIPPINES (continued)

9715 1308 FBBC: EE/OC w/ YL tlk, OM tlk in EE, mx (333 3/8 Lippmann-FL)
11775 1102 RVA: CC tlk by OM, under BBC (322 3/17 Miller-GA)
15440 1248 FBBC: EE w/on, anthem, ID (322 3/25 Wentzell-WH)
17740 2317 VCA relay: EE "Breakfast Show", cmt, weak but clear (232 3/16 Cunningham-OH)
17790 0300 RVA: EE w/ YL tlk on a book, mx, CW QRN (544 3/5 Miller-GA)
17810 *0000 FBBC: EE IS, nx, "Someone Loves You" pgm (444 2/14 Brewer-TN)
21670 *0057 AFRTS: EE OM ancmt, anthem, into "All Things Considered" pgm (252 3/14 Zinarowski-IA)(Kornek-FRG)

QATAR

9570t 2020 QBS: AA w/ chant-mx to 2030, OM tlk, co-channel QRN de REE (222 3/22 Moore-PA)
(Brewer-TN)

SAUDI ARABIA

11795 0515 BSKSA: AA local mx, ancmts by OM, QRN (222 3/20 Mayer-JA)
11855 1855 BSKSA: EE WZL mx, nx @ 1900 (333 3/17 Yajko-PA)(Favelka-NY)(Hodsdon-MN)(343 Maise-IA)(Schwikart-VA)(Fallows-ONT)(Donahue-CT)
15060 1900 BSKSA: AA w/ single chime IS, mx, nx (444 3/8 Steck-IL)(Thompson-NM)(Lentz-FA)+
21605 2246 BSKSA: AA w/ Qur'an, OM ancmt, anthem, 2255* (353 3/26 Zinarowski-IA)(Alexander)

SINGAPORE

5010 1539 R. Singapore: EE w/ Asian nx by YL, // 5052 (343 3/2 Noman-ALB)
5052 1455 RS: EE local nx on economics in Singapore, ID as "Singapore Broadcasting Corp.", // 5010, 11940 (443 3/24 Mayer-GA)
6065 0145 BBC relay: EE tlk on nuclear reactors w/mx (232 3/29 Audette-MA)
9635 1145 RS: CC tlk by YL, lite mx (3/8 Lobdell-NJ)
11750 1600 BBC relay: EE ID, wld. nx, cmt, 1615* (444 3/31 Thompson-NM)
11940-1045 RS: EE waltz mx, ID @ 1100, into financial nx (332 3/17 Keigel-IA)(Thompson-GA)+

SRI LANKA

9720 1300 SLBC: EE wld. nx by OM, ID @ 1304 (433 3/8 Lippmann-FL)(Mayer-GA)(Wentzell-MN)
11835 1117 SLBC: EE "R. Monitors Inter." w/ club info., Haiti QRN (333 4/6 Audette-MA)
15120 1753 SLBC: EE wld. nx, ID + freqs., request pgm (333 3/8 Lippmann-FL)(Audette-MA)
15425 0130 SLBC: EE TF's, OM ID, "Back to the Bible" w/ mx, rel. tlk (333 3/26 Heyman-NY)
(Cohen-PA)(Lippmann-FL)(Plotnick-CT)

TAIWAN

5980 1035 VOPC: EE Asian nx, cmt, lite/pop mx pgm called "Voice of Asia" (Fair Howard-GA)
15270 2230 VOPC: EE mx pgm w/ OM anncr, freqs./times given, 2240* (434 3/11 Schroeder-WI)++

THAILAND

9423 2100 V. of the Thai People: Thai w/ EE ID, Thai @ 2102, short mx, tlk by OM anncr
(252 2/23 Beres-CT) Haven't heard much abt. this one..... Jwm

TURKEY

7215 2200 VOT: EE nx, "Review of the Turkish Press", "DX Corner", mx (433 3/8 Hesch-NY)
9515 2215 VOT: EE w/ ID by OM, "DX-Corner" (544 3/13 Schroeder-WI)(Sershon-IL)(Holland)
9550 2200 VOT: EE w/ freq./time-sked. nx, "Spotlight on Turkey" (322 3/30 Zilmer-WI)
11955 2200 VOT: EE nx by YL, "Last Week in Turkey", ID, QRN given (555 3/30 McLean-NY)
(Farmer-TN)(Davenport-TN)(Noman-ALB)(White-TS)(Maise-IA)(Cohen-PA)(Apollon-WI)+

ANKARA

UNITED ARAB EMIRATES

21470 *0441 Dubai R. and Colour TV: AA w/ carrier, AA song, ancmt, ID @ 0452 by YL (per WRFH), IS, TC, hymn, nx by OM, scratch audio, on 21500 on 4/1 (544 4/2 Kornek)
(constant ID's, request for reports 3/23 Cuneo-NY)
21500 2240 Dubai R. & TV: EE test tx, jazz mx, pop mx, frequent ID's, request for reports,
pgm s/off @ 2315, pgm repeated hourly (333 3/15 Cohen-PA)(Cucura-PA)(Hauser-TN)

UNION OF SOVIET SOCIALIST REPUBLICS

4000 0810 Nikolaevsk: RR IS, ID @ 0810, cmt, pop mx (333 3/7 Hall-GA)
4030 0808 A. ady: RR C/YL anncr w/ RR version of "Besko Me Much" (333 3/16 Smith-GA)
4485 0900 Petropavlovsk: RR ID w/ location, OM/YL cmt, pop mx (454 3/6 Hall-GA)(232 Alexander-PA)(Smith-GA)
7255 0710 Vladivostok: RR ID, IS, cmt by OM, mx (444 3/8 Hall-GA)
9580 1425 R./Blagoveshensk: EE lite mx, nx @ 1430 (232 3/14 Lentz-FA)
9745 0556 R./??: EE cmt on tourism in Moscow (555 3/15 Somers-GA)
11965 0425 R./Nikolaevsk: EE tlk on Afghan./Vietnam, // 12050 (242 3/17 Smith-GA)
15140 0016 R./Petropavlovsk: EE tlk on CIA agent from UC Berkeley (333 3/18 Smith-GA)
15190 0002 R./Petropavlovsk: EE nx by YL (333 3/16 Smith-GA)
15405 2342 R./Khabarovsk: RR C/YL tlk, mx, cmt (333 3/15 Smith-GA)
15455 2315 R./Petropavlovsk: EE G. w/ propaganda tlk (444 3/15 Smith-GA)

UNION OF SOVIET SOCIALIST REPUBLICS (continued)

17780 0610 RM/Irkutsk: EE to SEA, end of nx, "Moscow hailtag" (353 3/23 Munster-GA)

Azerbaijan S. S. R.

4785 0203 R. Baku: RR tlk by YL/OM, folk mx (322 3/9 Plotnich-CT)
17825 0400 RM/Baku: EE nx, cmty, classical mx (252 3/22 Hooore-PA)

Kirghiz S. S. R.

17825 0920 RM/Frunze: EE w//SEA svce.. ID, tlk (241 3/16 W. Smith-CA)

VIETNAM

10040 2030 VOV: EE ID, freqs. given, nx, local mx, // 15012 (232 3/8 Alexander-PA)
15012 2057 VOV: EE ID, OM w/ freqs., Viet mx (222 3/8 Hodsdon-MN)(Barrette-QUE)(Lentz-IA)
(Kazaross-RI)(Thompson-JA)(Smith-CA)(YaJko-PA)

YEMEN

4853 0330 R. San'a: AA w/ chanting, tlk by OM, Koran chants, ID @ 0345 (per WRTH) (222 3/5 Cunningham-CH)
9780 1430 RS: AA mx, chants, ID, stringed mx (333 3/9 Flotnick-CT)(Kayer-CA)

OCEANIA

ANTARCTICA/ARGENTINA

6030 0055 R. Nacional arcangel San Gabriel: SS w/ LAM mx, hrd. under R. Portugal IS, wiped out by VCA @ 0100 (weak 3/16 Brewer-TH)

AUSTRALIA

4920 0731 ABC Brisbane: EE w/ songs of the 60's, interview (343 Thompson-CA)(Kowalski-WI)
5995 1030 RA/Lyndhurst: EE mx by Donna Summer, ID, freqs. given, TC (222 3/8 Alexander-PA)
(Moman-ALB)(Barrette-QUE)
6045 1100 RA/L: EE ID, nx, "Focus on Australia", // 5995 (232 4/4 Audette-MA)
6080 1308 RA/Shepparton: EE nx abt. Shah, good ID (233 3/24 Blaize-LA)(Barrette-QUE)
6140 1105 ABC Wanneroo: EE nx (333 3/14 Moman-ALB)
6150 1255 ABC Lyndhurst: EE nx by OM, spts. nx (152 3/20 Barrette-QUE)
9570 0708 RA/S: EE wld. nx, ID @ 0712, pop mx (333 3/22 Westbrook-FRG)(Wentzell-MN)
9580 1204 RA/S: EE nx, ID, "Inter. Report" (354 3/19 Smith-FL)(Davenport-TN)(Cucura-PA)
9610 1335 ABC Wanneroo: EE pop mx, TC's (222 4/5 Grenier-CA)(Johnson-IL)(Thompson-CA)+
9640 1200 RA/S: EE nx, "Inter. Report", // 9770 (453 3/11 Fraser-MA)(Smith-FL)
9680 0910 ABC Melbourne: EE wx, TC, tlk on an American film (343 3/30 Audette-MA)
9760 0459 RA/S: EE nx, OM/YL tlk, ID, "Waltzing Matilda" (323 3/8 Korneke-VA)(Audette)
9770 1500 RA/S: EE ID's, freqs. given, TC, mx, wld. nx (444 3/29 Thompson-NM)(Audette)
11705 1305 RA/S: EE wld. nx, spts., jingle ID, mx (433 3/23 Audette-MA)(Miller-CA)
11725 1809 RA/S: EE nx by OM, ID, pgm sked, // 17795 (443 3/16 Mayer-CA)
11740 0704 RA/S: EE nx on the Rhodesian elections (333 3/12 Drew-TX)
11790 1035 RA/S: EE "Countdown" w/ YL anncr, ID's, // 9770 (433 4/4 Audette-MA)
15145 0930 RA/S: EE pop mx, ID by OM, freqs. given, wld. nx on the hr., 1030* (454 4/1 Clark-KS)(Wentzell-MN)(Smith-CA)(Kornek-FRG)(Mayer-CA)
15160 0655 RA/L: EE MOR mx, ID (555 3/2 Holland-NY)(Miller-CA) **REGIO AUSTRALIA**
15200nf1930 RA/S: EE TC, changed from 11800 to Europe (444 3/20 Calver-ENG)(Smith-CA)
15230 0729 RA/L: EE w/ OM reciting poetry, interview (444 3/16 Smith-CA)
15320 0420 RA/S: EE nx by OM, mx, narrative (433 3/24 Farmer-TN)(Fournier-VA)(Pettit-IA)
15425 0807 ABC Wanneroo: EE w/ spts. nx, RFI JIM (423 3/22 Coomler-CA)(Smith-CA)(Kornek)
17725 0800 RA/S: EE nx, ID @ 0805, to NW Pacific (352 3/21 Munster-PA)(Audette-MA)
17795 0300 RA/S: EE wld. nx by OM (433 3/16 McLean-NY)(Fournier-VA)(Valentine-CA)(Munster)
17870 0431 RA/C: EE w/ soccer match (353 3/6 Smith-FL)
17890 0455 RA/S: EE mx, ID, nx @ 0500 (343 3/16 Earhart-PA)(Fournier-VA)(Smith-FL)
21630nf1820 RA/S: EE w/ nx pgm, ID @ 1830, Aussie nx (454 3/19 Brown-CA)(Calver-ENG)(Kornek)
21650 2308 RA/S: EE wld. nx, TC, good signal (454 4/4 Kornek-FRG)(Zimarsowski-MA)(Audette)
21660 1338 RA/S: JJ "Travel Guide", OM anncr (454 3/12 Kobayashi-JAPAN)(Audette-MA)
21680 0012 RA/S: EE w/ financial business rpt., nx, jazz (433 3/15 Cohen-PA)(Smith-FL)
21740 0245 RA/S: EE pop mx, nx on scientific expeditions (454 3/11 Barrette-QUE)(343 Maise-LA)(Grenier-CA)(Miller-CA)(Sanderson-AZ)

COOK ISLANDS

5045 0600 R. Cook Islands: Maori island mx, singing, drums, IS (322 3/8 Steck-IL)

GUAM

11840 0829 KTWR: EE IS, ID, Bible Study pgm (444 3/17 Lippmann-FL)(Audette-MA)(McLean-NY)

Not quite enough room for New Caledonia on this page so.....

NEW CALEDONIA

11710 0721 R. Noumea: FF w/ American pop mx (433 3/24 Mayer-CA)

VILA

NEW HEBRIDES

7260t 0735 R. Vila: FF w/ pop & R&R mx to 0745, ON/YL tlk (322 3/17 W. Smith-CA)(Lobdell-VA)
(Alexander-FA)

NEW ZEALAND

6105 0640 RNZ: EE wx rpt., big band mx (333 3/29 Witte-CA)(Audette-VA)
15345 0501 RNZ: EE wx, mx, tlk, ID @ 0529 (222 3/8 Cohen-PA)(Beres-CT)(Fournier-VA)(443
Mayer-CA)(Byron-NY)(Roman-ALB)(Holland-NY)(Johnson-IL)
17860 0535 RNZ: EE "Community Comment", lite mx, ID (444 3/20 Brown-WA)(Fournier-VA)



PAFUA NEW GUINEA

2376 1212 R. Chimbu: Pid ON anncr w/ C&N mx show, RTTY QRM (233 4/9 Howell-CA)
2410 1207 R. East Highlands: Pid w/ YL tlk, nx by ON (252 4/9 Howell-CA)
2450 1200 R. Western Highlands: Pid w/ ID, nx? (242 4/9 Howell-CA)
3205 0910 R. West Sepik: Fid/EE w/_nx by ON, ments of PNG, mx (222 3/9 Tacoma-CA)(233
McLean-NY)(Hall-CA)(Cunningham-CH)(Nikolich-IL)
3220 1158 R. Morobe: Pid w/ nx by ON, TC, ID, tlk (3/15 Radcliff-IL)(Thompson-CA)
3260 1120 R. Madang: Fid nx, pgm preview by ON, island mx, clear ID @ 1131 (333 Cunningham)
3275 1122 R. Southern Highlands: Fid tlk by ON, some local mx, quick fade, ID (131 4/5
Nikolich-IL)(Howell-CA)
3322 1143 R. North Solomons: Fid ON w/ TC, C&N & U.S. pop mx (322 3/12 Cucura-PA)(Hall)
3335 1155 R. East Sepik: Pid tlk by ON w/ ID, C&N mx, faded @ 1230 (333 3/6 Cunningham)
(Nikolich-IL)(Thompson-CA)
3360 1117 R. Milne Bay: Fid w/ ON tlk, flute mx (232 4/5 Nikolich-IL)(Hall-CA)
3385 0900 R. East New Britain: Fid/EE local & R&R mx, ON/YL tlk, het. (322 3/9 Tacoma)
(Witte-CA)(Peters-AN)(Nikolich-IL)(Mayer-CA)
3905 0831 R. Manus: EE/Pid w/ G greetings in EE, YL anmc, local mx (433 3/15 Mayer-CA)
(W. Smith-CA)(Cucura-FA)
3925 1143- NBC Port Moresby: EE MCR mx, severe ARO QRM, // 4890 (211 4/5 Nikolich-IL)
4890 1100 NBC: EE nx, mx, ads (3/31 Vogelmann-NY)(Clark-KS)(Smith-CA)(Peters-KY)(Roman)+

SOCIETY ISLANDS

9750 0720 R. Tahiti: Tahitian island mx, ID (444 3/8 Holland-NY)
11825 0420 RT: Tahitian w/ Polynesian mx (333 3/30 Dunn-CA)(Somers-CA)
15170 0835 RT: FF rock mx pgm, EE songs, anth, 0900* (444 3/16 Audette-VA)(Smith-CA)
(Holland-NY)(Steck-IL)(Beres-CT)(Huddleston-TX)

SOLOMON ISLANDS

5020 1045 SIBC: EE pop mx, old British R&R, ID, nx @ 1100 (444 3/14 Roman-ALB)(Peters)
(Lippmann-FL)(W. Smith-CA)(Cunningham-CH)(Thompson-CA)(Heyman-NY)(Mayer-CA)
9545 0820 SIBC: EE w/ Bible pgm, local mx (333 3/23 Witte-CA)

DATELINE

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"Voice of the People of Burma" stated in its 1200-1300 transmission on 3/20 that 3/28 marked the 32nd anniversary of the "people's democratic armed revolution" led by the Burma Communist Party. To commemorate this, the station would be broadcasting from 0030 and 1200 in six languages - Burmese, Standard Chinese, Jinghpaw, Karen, Shan, and Thai. Also, the station would be broadcasting from 28th March on 40 metres (possible 7570) instead of 60 metres (5110). However, it stated in a broadcast on 23rd March that broadcasts to the six languages on 5110 would start at 0030 and 1130.

New Zealand-RNZ's latest sked for the Pacific Islands (1800-1030) and Australia/New Pacific is as follows: (1800-0625) on 15345; (1800-2105) on 11835; (2115-0815) on 17860; (0640-1215) on (1045); (0830-1215) on 11945. During Summer Time in New Zealand (from the end of October to beginning of March) all programmes will be one hour earlier than shown. Channels marked with an * may carry special sports commentaries.

New Zealand-RNZ - A transmitter operating on 21500 has been observed since 3/10 carrying a relay of the domestic service in AA from Dubai. The 21500 channel is heard from about 0500-1000. An announcement from the service indicated that the 21500 channel (to Europe) would go off the air. However, broadcasts resumed from the domestic service on the hf of 21420. A before, the transmissions ran from 0500-1000 and it was announced (on 3/23) that the pgm was beamed to Europe and Africa for a test transmission procedure.

WJL in 30, 1964

WORLD SERVICE STATION SKEDS**EMISSIONS****PROGRAMMI**

Editor:

TRASMISSIONI

BULLETIN DE PROGRAMMES

CHRIS LOBDELL

PROGRAMS**ENGLISH SERVICE**

P.O. Box 146

Stoneham, MA 02180

SERVIZIO

PROGRAMME SCHEDULE

Deadline: 12th

COMUNICATI NEL CORSO

All schedules, unless otherwise indicated, are for English programs, and all times are in Greenwich Mean Time (GMT). Also, schedules credited to the "BBCMS" are courtesy of the BBC Monitoring Service, and are used by permission.

BELGIUM. The BRT in Belgium with their English program "Brussels Calling" valid until September. 0015-0100 15175 South America 15385 North America 1330-1345* 17730 Africa 21475 Southeast Asia 1605-1650 6010 South Europe 17730 East Africa

*Not on Saturday or Sunday. Your editor is listening to the 0015 transmission and reception is excellent! A special live broadcast. (R. Yajko)

BENIN. Office de Radiodiffusion et de Television du Benin, known as the ORTB to most of us. Translated from French.

MONDAY TO FRIDAY Programming is 0415-0800 4870 in English, French 1300-2300 4870 and vernaculars.

SATURDAY 0415-0800 4870 1100-2300 4870

SUNDAY 0600-2300 4870 (P. Brewer)

CHILE. The Voice Of Chile in Santiago sends this schedule. It is valid until May.

SPANISH

0030 15150, 17800
0200 11890, 17800
0300 11890
0400 11765
1130 17790
1300 "
1830 17890
2000 17790
2130 "
2230 15150, 17800
2330 " "

ENGLISH

0000 15150, 17800
0130 " "
0230 11890, "
0330 11765
0430 "
1100 17790
1230 " "

CHILE (continued).

1330 17790
1800 17890
1930 17790
2100 "
2200 15150, 17800

FRENCH

0100 15150, 17800
1200 17790
1900 "
2030 "
2300 15150, 17800 (B. Holmes, T. Ossege, J. Pavelka)

CHINA. Radio Peking, latest schedule received.

0000-0100 11695, 15115, 15520 17680 ECNA
0100-0200 ditto
0200-0300 ditto
0300-0400 12055, 15120, 15230, 17680 WCNA
0400-0500 ditto
0830-0930 9460, 11600, 11725, 15125 17635 Australia/New Zealand
0930-1030 ditto
1200-1300 9820 ECNA 9390, 15300, 17700 SEA ditto SEA
1300-1400 7315, 9860, 11650 S. Asia
1400-1500 ditto S. Asia
1500-1600 ditto S. Asia (no name)

EGYPT. Radio Cairo sent this North American Service sked which is valid until June 30th. 0200-0330 9475, 12050 North America (M. Eramo)

GREECE. The ERT (Greek Radio-Television) in Athens. Was valid until May 4th.

0000-0150 9515, 9655, 11730 to NA Greek, English
0200-0350 9515, 9650, 11730 to NA Greek, English
0900-0950 17830, 21455 Australia Greek, English
1000-1050 11845, 15345 to Japan Greek, English
1200-1250 11730, 17835, 21455 to NA Greek, English

GREECE (continued)

1500-1550 11730, 17835*, 21455*
to NA in Greek, English
1800-1850 11730, 15345, 17830
to South Africa in
Greek, English.
1900-1950 7125, 9655, 11860 to
Europe in Greek, English
French, German.
2200-2350 7125, 9615 to South
America in Greek, Port-
uguese, Spanish, English

* Not Tuesday.
(S. Proom)

GUAM. This schedule from KTWR in
Agana. Valid only until May.

0000-0130 17770 India
0815-0930 11840 Japan
1430-1500 11940 India*(*)
15365 "

*11940 in English Wednesday &
Thursday only.
(Editor B. Donly, D. Jones)

ITALY. Here is the schedule of the
Italian Broadcasting Corporation.
This is a pirate station.

0900-0930 6250, 11940
1130-1200 " " " " " "
1330-1400 " " " " " "
1500-1530 " " " " " "
1600-1630 " " " " " "

This station is very low powered
and broadcasts on Sundays only.
Write to the IBC via Play DX,
Via Davanzati 8, 20158 Milano.
(A. Tola)

MONGOLIA. Radio Ulan Bator; undated
English schedule.

1220-1250 12070, 6383 Not Sunday
1715-1745 7260, 9575 " " "
(J. Pavelka)

NEW ZEALAND. Radio New Zealand in
Wellington. Valid until May 31st.

0640-1030 6105 Pacific
0830-1215 11945 Australia, N.W.
Pacific
1045-1215 6105 ditto
1800-2105 11835 or 17860 Pacific
1800-0625 15345 Pacific
2115-0815 17860 " "
(V. Tripathi)

PORTUGAL. Radio Portugal in Lisbon.
Undated current schedule.

0300-0330 6025, 11925 ECNA
0500-0530 6185, 11925 WCNA
1400-1430* 21475 India, Middle East
1600-1630* " " " " " "
1700-1730 15340, 17880 Africa (Sunday)
1800-1830 " " " " " "

Rest of the week.

2030-2100 6025, 9740 Europe.
(A. O'brien & no name) * = Not Sun.

SRI LANKA. SLBC in Colombo. Effective
on January 1, 1979 and hopefully
still current.

0030-0230 6005, 9720, 15425 All Asia
0230-0430 9720, 15425 " "
1030-1130 11835 Australia
15120 Japan
17850 Southeast Asia
1230-1730 6075, 9720, 15425 All Asia
1745-1945 11800, 15120 Middle East
1845-1945 15115, 17850 East Africa
(J. Pavelka)

UNITED ARAB EMIRATES. Here is a
listing of the shortwave stations
from the Ministry of Information
and Culture in Abu Dhabi.

Voice Of The United Arab Emirates
in Abu Dhabi
0200-1600 9690 Arabic Home Ser.
1600-2130 9695 " " "
0200-2045 6040 " " "
(B. Donly)

Dubai Radio & Colour Television is
conducting test transmissions. Your
editor has heard them transmitting
on 21485 kiloHertz at various
times such as 0455 - 0545+, 1030-
1100*, 0358 - 0515+. Frequency is
variable as they have been reported
on 21470 & 21500 in the past.
Programming consists of a relay of
the medium wave domestic service
with English language identification.
Reports are requested to Dubai
Radio & Color Television, Box 1695,
Dubai, United Arab Emirates.

USA. Here is the summer schedule of
WYFR with transmitters in Florida,
studios in Oakland, CA. Valid until
September 6, 1980.

0100-0500 9715 Americas
*1230-1551 17785 Europe, N. Africa
21525 " " "
1700-2000 17845 Europe, N. Africa
21615 " " "
2000-2300 17845 Europe, N. Africa
21615 " " "
21525 West Africa
2300-0000 21525 " " "
(R. Ross, F. Smith) * = Sunday only

VIETNAM. Here is the current English
schedule from the Voice Of Vietnam.

0900-0930 7470, 10040, 12035
1000-1030 " " " "
1530-1630 " " " "
1800-1900 10040, 14990, 15012
2030-2130 " " " "
No target areas were given.
(C. George)

Sorry for such a short issue this
month. Let's send in all those
summer skeds for next month and have
a full listing.

73 & Good Listening,

Chris

QSL REPORTS

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

May has arrived, and I hope that the weather, at your location, has allowed you to plant your garden. I'm already having to cut the lawn. We have had enough rain to make almost any type plant grow in abundance.

Let me hasten to correct an error that occurred in the April, 1980 Column. Due to confusion in interpreting some information from Marjorie Oakley, the QSL policy of Radio Maldives was mis-stated. In so far as I know, Radio Maldives will still QSL to any location where they are received, not just to the areas listed in the April Column.

Verifications from The United Arab Emirates take top billing this month. Charley Hoffman, and Larry Cohen have received QSL cards and letters from reports on the test transmissions of Radio and Colour Television at Dubai, and I received a letter verification from The Voice of the United Arab Emirates at Abu-Dhabi.

More Spanish letter verifications of Radio Nacional Arcangel San Gabriel, in the Antartida Argentina, were reported this month; received, as usual, via RAE at Buenos Aires.

Amelio Toia received a QSL from The Italian Broadcasting Corporation operating on 6250kHz. Most of us have not been able to hear their transmissions, however Amelio has an advantage since he lives in Italy.

Chris Lobdell checks in with a letter verification from Radio Condor International in Ireland. He provides their address; Radio Condor International, 53 Charleston Road, Ranelagh Dublin 6, Ireland.

A large number of reports from 86 reporters this month, two for the first time. I might have to do a little more condensing than usual to get everything in.

Away we go !

Europe

ALBANIA: R. Tirana, 7065, 7120, 7300, 9750. F/d "Haut Leve L'esprit Revolutionare" cds in 70-118ds sfc, for 1-2 IRC no rp. (SLOVINSKI CA)(WHITE MS)(KASPRZYK TX)(SERSHON IL)(BYRON NY)

ANDORRA: R. Andorra, 6220, f/d Mountain Scene cd with Young Couple in 21d air, for 2 IRCs (EDDIE MO)
AWR/via R. Andorra, 6215, f/d "Jesus- Light in the Darkness, and Mountain Scene cds in 30d air, for 2 IRCs no rp(TOIA ITALY)(BLÖM-NY)
R. Scandinavia/ via R. Andorra, 6215, f/d no desc. cd in 15d air, for 1 IRC (CUCURA PA)

AUSTRIA: ORF, 5945, 9770, 15260. F/d cds in 14-120ds air, for 1-2 IRCs no rp. "Moosbrunn Transmitter Site", "ORF Studio Centre" etc. (FRASER MA)(SMITH FL)(KOWALSKI WI)(LENTZ PA)(HUDDLESTON TX)(TACOMA CA)(MILLER CA)

BELGIUM: BRT/ORU, 11715, 11940, 15380, 17730. F/d Logo/Map cds in 28-35ds air, no rp. (MILLER CA)(HUDDLESTON TX)(SEMESKY IN)(RZEPKA WI), with pennant (VOCKEROTH PA)

BULGARIA: R. Sofia, 9665, 9705. F/d "Bachkovo Monastery" and "Zlatin Pyassatsi" cds in 60-118ds air, no rp. (SEYMOUR NC)(FISCHER GERMANY)(HUDDLESTON TX)
R. Moscow Relay, 9700, f/d "Birch Trees" cd in 35d air, no rp. (HARMS UT)

CZECHOSLOVAKIA: R. Prague, 5930, 7345, 9605, 11990, 21615. F/d cds in 30-127ds air, for 2 IRCs no rp. "Bratislava-View of the Castle across the Danube" etc. (STONE ONT)(MILLER CA)(SLOVINSKI CA)(HEYMAN NY)(SEMESKY IN)(MOORE PA)(OSBORNE MI)(BICKEL CA)(KLASEK MO)(SERSHON IL)(HOLBROOK MD)

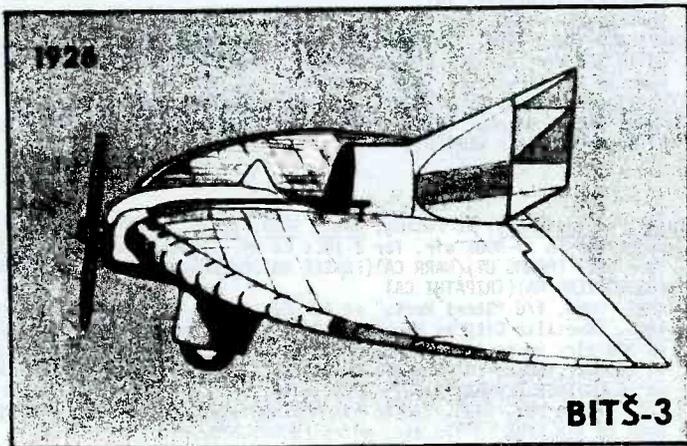
DENMARK: R. Denmark, 15165, f/d "Radiohouse Aerial Tower" cds in 14-34ds air and sfc, for 1-2 IRCs no rp. (PLOTNICK CT)(VOCKEROTH PA)(OXNER GERMANY)(HALL CA)

FINLAND: R. Finland, 9645, 15400, 21475. No/data cds in 22-60ds air, no rp. "Finnish Architecture", "Winter in Finland" etc. (MOSS CA)(SMITH FL)(SEMESKY IN)(HOLBROOK MD)

FRANCE: R. France International, 15425, 17720, 17775, 17795, 17850, 17860, 21515, 21580, 21620, 21645, 21675. F/d cds in 12-120ds air, for 1-2 IRCs no rp. (VOCKEROTH PA)(ALLEN AK)(SMITH FL)(FRASER MA)(MILLER CA)(HESCH NY)(JONES VA)(DESROSIERS MA)(SEMESKY IN)(PITTS UT)(HASKETT IN)(BYRON NY)(CUNNINGHAM CA)(MUNSTER GA)

GERMANY(Democratic Rep.): RBI, 9730, 11890, 11975, 15140. F/d cds in 57-92ds air and sfc, for 1 IRC no rp. "Skyline", Section 4 Map cd etc. (DANIELS MO)(SMITH FL)(SLOVINSKI CA)(SERSHON IL)

GERMANY(Federal Rep.): Deutsche Welle, 6045, 9650. No/data Logo cds in 38-110ds air and sfc, no rp (JONES VA)(TRIPATHI CA)
 Bayerischer Rundfunk, 6085, date/freq. "Mountain Observatory" cds in 42-46ds air, for 1-2 IRCs (HOFFMAN PA)(MOORE PA)
 Deutschlandfunk, 6975(?), f/d red/blue cd in 31d air, for 1 IRC (MOORE PA)
 R. Bremen, 6190, f/d blue Logo cd in 42d air, for 2 IRCs (HOFFMAN PA)
 R. Free Europe, 11770, freq./only Map cds in 14-40ds air, for 1 IRC no rp. (SEYMOUR NC)(AUDETTE MA)
 RIAS(Radio in American Sector), 6005, date/freq. Studio Bldg. cd in 42d, for 2 IRCs (LOBDELL MA)
 Sender Freies Berlin, 6190, f/d Tower cd in 42d air, for 2 IRCs (KEGEL MD)
 Sueddeutscher Rundfunk, 6030, f/d yellow Studio Site cd in 90d air, no rp (KEGEL MD)
 Sudwestfunk, 7265, date/freq. and f/d abstract Ear Design cds in 42-45ds air, for 1 IRC (KEGEL MD)(AUDETTE MA)
 GREAT BRITAIN: BBC, 5975, 6175, 11720, 15390 f/d World Radio Club award cd for Atlantic, Caribbean, E. Mediterranean Relays and UK site in 97d air, no rp (HOFFMAN PA), 9570, no/data "Tower Bridge" cd in 21d air, no rp (TRIPATHI CA)
 GREECE: The V. of Greece, f/d Poros Beach and Sea View cds in 40-115ds air and sfc, for no rp (PROOM ENGLAND)(JONES VA) Sorry, freq. was 11730 . bd
 HOLLAND: R. Nederland, 9590, 17605. F/d cds in 16-62ds air, for 2 IRCs no rp. "Old Dutch Man" (HASKETT IN), "Authentic Costumes" (ALLEN AK)(JONES VA)(HUDDLESTON TX)
 HUNGARY: R. Budapest, 6100, f/d Native Boy cd in 52d air, no rp (BYRON NY), 9835, f/d Drawing of Budapest cd in 68d sfc, no rp (SMITH FL)
 ITALY: Italian Broadcasting Corp. 6250, f/d red cd in 26d sfc, no rp, rptd. in Italian (TOIA ITALY)
 MALTA: Xandir Malta, 9670, time/freq. form ltr. in 240d sfc, for 1 IRC (FISCHER GERMANY)
 MONACO: TWR, 9495, date/only blue Map cd in 26d air, no rp (SMITH FL), f/d orange Map cd + pennant in 43d air, for 2 IRCs (OSSEGE OH)
 NORWAY: R. Norway, 11850, 15175, 17840. F/d "Winter in Norway" cds in 8-97ds air and sfc, for 1-2 IRCs no rp. (HEYMAN NY)(CURNELL OR)(SMITH FL)(SLOVINSKI CA)(FRASER MA)(OSSEGE OH)(VOGELMAN NY)
 PORTUGAL: R. Portugal, 11925, f/d Winter cd in 35d air, no rp (HUDDLESTON TX)
 R. Japan Relay via Sines, 11735, date/freq. "Hakata Dolls" cd in 21d air, no rp (TOIA ITALY)
 ROMANIA: R. Bucharest, 9510, 9570, 11940, 15250. F/d cds in 90-180ds air, for 2 IRCs no rp. "Calimnesti SPA", "Hercules Baths" etc. (BYRON NY)(SERSHON IL)(HASKETT IN)(BROWN WA)(FISCHER GERMANY)
 SPAIN: R. Exterior De Espana, 6065, 9630, 11880. F/d cds in 13-102ds air, for 1 IRC no rp. "Castle in Segovia", "San Clemente de Tahull" etc. (HESCH NY)(SMITH FL)(THOMPSON NM)(VOCKEROTH PA)(SEMESKY IN)(RZEPKA WI)(DUNN CA)
 SWEDEN: R. Sweden, 11705, f/d River Scene cd in 19d air, no rp (FARMER TN), 11905, f/d Map cd in 35d air, for 2 IRCs (ALLEN AK)
 SWITZERLAND: Swiss R. International, 3985, 9725, 11715, 21520. F/d cds in 20-88d air and sfc, for 1 and 3 IRCs no rp. "Schiora Mountain Range", Mountain Cabin etc. (JAMES MI)(SMITH FL)(THOMPSON NM)(OSBORNE MI)(EDDIE MO)(SLOVINSKI CA)(DUNN CA)
 USSR: R. Moscow, 7110, 7135, 7160(Kiev), 7215, 7440, 7460, 9490(Moscow), 9610, 9760(Lvov), 11780(Tbilisi), 12050(Khabarovsk), 15140(Petropavpovsk-Kamchatsky), 15520(Moscow), 15450(Simferopol), 15480(Moscow). F/d cds in 20-95ds air, no rp. "Birch Trees", "Olympic Mascot" etc. (VOCKEROTH PA)(HARMS UT)(BYRON NY)(SEMESKY IN)(FRASER MA)(MCLEAN NY)(HASKETT IN)
 R. Minsk, 7420, f/d folder cd in 114d sfc, no rp (OEXNER W. GERMANY)
 R. Riga, 5935, f/d white/brown cd in 44d sfc, no rp (OEXNER W. GERMANY)
 R. Station Peace and Progress, 41mb, f/d Logo cd in 60d air, no rp (HEYMAN NY)



From Radio Tallinn; Thanks to Chris Lobdell(see next page)

USSR(continued): R. Tallinn, 6085, cd of old airplane(see previous page) with verie. data spaces left blank + folder of info. on station in 105d, no rp (LOBDELL MA), f/d colour cd of Parnu Street + pennant, skeds. DX Club info. in 100d air, for 1 IRC (VRANES PA)
R. Tashkent, 6025, no/data Ministries Bldg. cd in 85d air, no rp (SMITH FL), no freq. given, but no/data Contest Details cd in 20d air, no rp (MILLER CA)
VATICAN CITY STATE: R. Vaticana, 6015, 9605, 11845. F/d cds in 19-240ds air, no rp. "Leo XIII Tower (MOORE PA), Cross cd + pennants (HASKETT IN), Rotating Antenna (HEYMAN NY)

Africa

ASCENSION ISLAND: BBC Relay, 15400, f/d form ltr. from the island in 76d sfc, no rp, v/s Ned Abell (OSSEGE OH)
VOA Relay, 21490, f/d Satellite Americom cd in 35d sfc, no rp (AUDETTE MA)
BENIN(People's Rep.): ORTB, 4870, date/time "5 Scenes" cd in 67d sfc, for 1 IRC (MARTIN RI), f/d "5 Scenes" cd in 7d air, for 2 IRCs (WITTE CA)
CANARY ISLANDS: R. Exterior De Espana, 15365, f/d "San Clemente de Tahull" cd in 34d air, for 1 IRC returned (DESROSIERS MA)
EGYPT(Arab Rep.): R. Cairo, 9475, 9805, 12050. F/d cds in 54-110d air, for 1-3 IRCs no rp. City Scene (SLOVINSKI CA), Museum (SERSHON IL), Puramids (HASKETT IN), Bldgs. + calendar (MILLER CA), 1st Scene cd (FRASER MA), Studio Bldg. on Nile (WHITE MS), 9475, no/data Temple cd + best wishes from Rita in 54d air, no rp (SLOVINSKI CA)
GABON: Rdif. TV Gabonaise, 4777, f/d Map folder cd in 42d air, for 2 IRCs (BLOM NY), freq./only no desc. cd in 197d sfc, for 2 IRCs (MOORE PA)
GHANA: GBC, 4915, f/d cd with red/yellow/green border in 192d sfc, for 1 IRC (HOLBROOK MD), 6130, same cd in 235d sfc, no rp (PAVELKA NY)
KENYA: V. of Kenya, 4915, f/d blue aerogramme in 42d air, for 2 IRCs (LAZARUS LA), same in 35d air, for 2 IRCs, v/s E. I. Karen (HALL CA)
LIBERIA: ELWA, 4770, f/d "Native Drummer" cd in 60d air, for 1 IRC (KEGEL MD), same cd in 348d air, for 1 IRC (OEXNER GERMANY) Sorry, freq. was 11835 bd, 11860, same cd in 210d air, for 2 IRCs (PAVELKA NY)
MADAGASCAR: R. Nederland Relay, 15220, f/d "Authentic Costumes" cd in 20d, no rp (HUDDLESTON TX)
MAURITANIA(Islamic Rep.): Rdif. Nationale de Mauritanie, 4845, date/time Map cd in 29d air, for 2 IRCs (LENTZ PA), f/d Map cd in 28d air, for 2 IRCs (HUDDLESTON TX), same in 38d air, for 3 IRCs (EDDIE MO)
MOROCCO: Rdif. TV Marocaine, 15155, verie. cd with Map and Antenna Tower in 31d sfc, for 2 IRCs, v/s J. Tanane (HALL CA)
UN R. via VOA Tangier Relay, 11770, f/d blue/white cd in 17d sfc, for 1 IRC (OEXNER GERMANY)
NIGERIA: FRC Lagos, 3326, f/d no desc. cd in 48d air, no rp (AUDETTE MA)
IMO Broadcasting Service, 4755, freq./only ltr. in 152d stc, for 1 IRC, v/s D. J. Edohasim (OEXNER GERMANY)
SEYCHELLES: FEBA, 11860, no/data reception cd + a complementary cd saying no more QSLs in 76d, for 2 IRCs (OAKLEY OR), 15405, no/data Map cd via air, for 3 MS (JONES VA)
SOUTH AFRICA: RSA, 11900, 15155, 15220. F/d cds in 14-75ds air, for 1-2 IRCs no rp. (VOCKEROTH PA)(THOMPSON NM)(SLOVINSKI CA)(FOURNIER VA)(TRIPATHI CA) + pennants (SEMESKY IN)(HASKETT IN)
Springbok R. 4810, f/d "Industrial Scenes" cd + pennant in 14d, no rp (VOCKEROTH PA)
SWAZILAND: TWR, 4790, f/d "Warrior" cd in 30d air, for 3 IRCs (TIMMER IN), 5055, same cd in 36d air, for 1 IRC (FORSMAN CA), same in 30d, for 1 IRC (VOGELMAN NY), 9640, same in 33d air, for 2 IRCs (BLOM NY)
TANZANIA: R. Tanzania, 4785, f/d "Sauti Ya Tanzania" cd in 23d air, for 2 IRCs (MAISE LA)
UGANDA: UBC/R. Uganda, 15325, f/d Broadcasting Complex cd in 45d sfc, no rp, v/s David R. Buga (HUFFAKER MEXICO)

Asia

CHINA(Peoples Rep.): R. Peking, 4020, 9860, 11695, 15520, 15600, 17860. F/d and date/freq. cds in 17-90ds air, for 2 IRCs no rp. "Industrial Scene", Girl with first aid case etc. (HARMS UT)(BARR CA)(FRASER MA)(McLEAN NY)(RZEPKA WI)(HEYMAN NY)(ALLEN AK)(DESROSIERS MA)(TRIPATHI CA)
CPBS, 9064, f/d "Steel Works" cd in 25d air, no rp (HARMS UT), Fujian Front Station, 4045, "Kweillin City by Night" cd in 17d air, no rp (HARMS UT), 5265, f/d Ship cd in 30d air, no rp (FISHER MA), Heilongjiang PBS, 4925, f/d Seaport cd with wrong freq. in 25d air, no rp (HARMS UT), Hubei PBS, 3940, f/d modified R. Peking cd in 46d air, no rp (OEXNER GERMANY), Jilin PBS, 3310, f/d cd via Peking in 21d air, no rp (HOWARD CA), Xizang PBS, 5935, f/d cd via Peking in 21d air, no rp (HOWARD CA), Tomb of Lu Hsun cd via CPBS in 17d air, no rp (HARMS UT)
INDIA: ATR(Kurseong), 3355, no/data no desc. cd in 75d sfc, for 1 IRC, v/s D. M. Medhekar, station Engineer (OEXNER GERMANY)

INDONESIA: The V. of Indonesia, 11790, date/freq. performance of Puppet cd in 108d air, for 1 IRC, also received pennant (TACOMA CA), f/d Photo of Jakarta cd in 60d air, for 3 IRCs (SEYMOUR NC)

IRAQ: R. Baghdad International, 9745. F/d cds in 20-72ds air and sfc, for 1-3 IRCs no rp. Large Folder Schedule cds (HUFFAKER MEXICO)(WITTE CA)(CATEY IL)(McLEAN NY) (CURNELL OR), Pictorial Map cd (VOGELMAN NY)

ISRAEL: IBA, 7412, 9815, 9009, 11620, 11637, 15300. F/d cds in 27-60ds air, for 2 IRCs no rp. "Flags of Israel", "The Temple Mount and Western Wall" etc. (VOCKEROTH PA) (YAJKO PA) (SERSHON IL) (BYRON NY) (MILLER CA) (SMITH FL) (MUNSTER GA)

JAPAN: R. Japan, 9505, 9585, 15270, 17755, 17825. F/d and date/freq. cds in 13-28d air, for 2 IRCs no rp. "Hakata Dolls", "Pagoda and Sarusawa Lake" etc. (SEMESKY IN) (MILLER CA) (SMITH FL) (SLOVINSKI CA) (ALLEN AK) (CUCURA PA) (DUNN CA) (THOMPSON NM)
FEN, 3910, f/d Logo cd in 24d air, no rp (Barr CA)

KOREA (Rep.): R. Korea, 9720, f/d info. typed on a pennant in 35d air, no rp (HARMS UT)

KUWAIT: R. Kuwait, 11690, f/d Tower and Arches in Sun cd in 119d air, no rp (FOURNIER VA) This, I think, is the same folder cd they have been using. bd

LAOS: Lao National Radio Savannakhet, 7383, no/data ltr. via Vientiane by air in 63d, for EE rpt. no rp, v/s Chaleune Vondsam-Ang, Director General (LOBDELL MA)

Laos National Radio Pakse, 6600, date/freq. ltr. in 33d air, for 1 IRC, v/s Boun Mek Phengsauanh (OEXNER GERMANY)

LEBANON: V. of Lebanon, 6550, f/d EE ltr. in 40d air, for 1 IRC (OEXNER GERMANY), same in 85d air, for 2 IRCs, v/s Joseph EL Hachem (HOFFMAN PA)

MALAYSIA: The V. of Malaysia, 15295, f/d post cd QSL in 150d air, for MS after a follow/ up (LAZARUS LA)

R. TV Malaysia, 4845, f/d "Garden City, Kuala Lumpur" cd in 71d air, for IRCs (OEXNER GERMANY)

MONGOLIA: R. Ulan Bator, 4830, f/d gold/blue cd in 49d sfc, no rp (OEXNER GERMANY), 12070, same cd in 120d air, for 2 IRCs (KEGEL MD), same in 99d air, for 4 IRCs

(PAVELKA NY) Both Kegel and Pavelka had to pay postage, due - I wonder how much postage they want? bd

OMAN: R. Oman, 11890, f/d "View of Al-Kamil" cd in 90d air, for 3 IRCs (VRANES PA)

PAKISTAN: R. Pakistan, 11675, no/data Photos of Karachi cd in 34d air, no rp (TOIA ITALY), 21590, time/freq. Lahore cd in 150d sfc, no rp, second try (HUFFAKER MEXICO)

PHILIPPINES: FEBC, 17810, f/d Grass Hut and 30 Years cds in 27-42ds air, for 1-3 IRCs (BICKEL CA) (WHITE MS) (ERAMO MA)

R. Veritas Asia, 9605, 17790. F/d cds in 20-90ds air, for 2-3 IRCs no rp. "Multilingual Card", "Bangladesh" etc. (VRANES PA) (MILLER CA) (KEGEL MD)

SAUDI ARABIA: BSKSA, 15060, f/d Logo cd and post card in 73d registered air, no rp (OSSEGE OH)

SRI LANKA: SLBC, 15425, Stilt Fishing cd in 50d air, for 3 IRCs (HARMS UT)

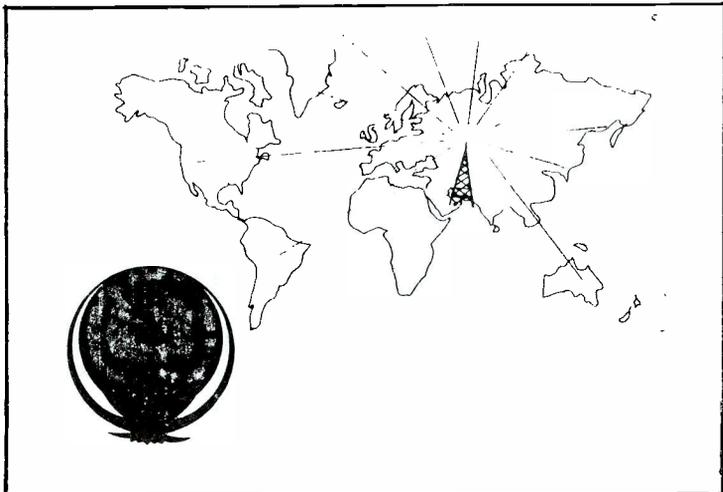
TAIWAN: V. of Free China, 15270, 15345, 17890. F/d cds in 35-93ds air and sfc, for 1-2 IRCs no rp. "Horse Painting", Schedule Card (DUNN CA) (CURNELL OR) (PAVELKA NY) (HUFFAKER MEXICO)

TURKEY: V. of Turkey, 9515, 11955. F/d cds in 95-110ds air and sfc, for 2 IRCs no rp. "Love and Peace" (JONES VA), + pennant, (CURNELL OR) + pennant

UNITED ARAB EMIRATES: R. and Colour TV Dubai, 21500, date/freq. Map cd + personal ltr. in 23d air, for 2 IRCs, v/s

H. K. Robin (HOFFMAN PA), same in 21d no rp (COHEN PA)
Very good gentleman
bd

The Voice of the United Arab Emirates, 9695, date/only typed ltr. with verie stat-ent + Map and travel booklets and post cards in 64d air, for 3 IRCs (DONLY SC)



RCTV: Thanks to Charley Hoffman and Larry Cohen

VIETNAM: The V. of Vietnam, 10040, f/d Map cd + form ltr. in 173d air, no rp, also received calendar (BROWN WA)

Oceania

AUSTRALIA: R. Australia, 9580, 15240, 17870. F/d cds in 61-121ds air, no rp. "Scarlet Crested Parakeet", "Blue Wren" (VOCKEROTH PA), "40th Anniversary" (JONES VA) VLH9, 9680, f/d Map cd in 58d air, for 1 IRC (AUDETTE MA), VLM4, 4920, f/d Map cd in 20d air, for 3 IRCs (SLOVINSKI CA), VLQ9, 9660, f/d Map cd in 20d air, for 1 IRC (OEXNER GERMANY), VLW6, 6140, f/d Map cd in 120d air, for 2 IRCs (HASKETT IN), VLW9, 9610, f/d Map cd in 120d air, for 2 IRCs (HASKETT IN), VLW15, 15425, f/d Map cd in 120d sfc, for 1 IRC (HASKETT IN)

GUAM: TWR/KTWR, 11735, f/d cd with Biblical quote in 24d sfc, for 2 IRCs (HUDDLESTON TX), 11840, f/d Logo cd in 61d air, no rp, v/s S. Roessner (HEYMAN NY), f/d Palm Trees cd in 16d air, for a MS (BICKEL CA), same cd in 257d air, no rp (TACOMA CA), 17770, f/d paper pennant + Stickers in 21d, for 3 IRCs (EDDIE MO), 17855, f/d Map cd in 15d, for a MS (SEYMOUR NC)

NEW ZEALAND: R. New Zealand, 15345, 17860. F/d cds in 14-32ds air, for 3 IRCs no rp.

"Hot Springs" (CURNELL OR), Fishing Lake (SEMESKY IN), Cattle Grazing (TRIPATHI CA)
PAPUA NEW GUINEA: NBC, 4890, f/d Map cd + pennant in 71d air, no rp (TOIA ITALY), 3385, R. East New Britain, f/d NBC Map cd in 60d air, for 2 IRCs, v/s Pearson Vetuna (LAZARUS LA), same cd + a pennant in 39d air, for 2 IRCs (HARMS UT), f/d Map cd in 30d air, for 1 IRC after follow-up (MOORE PA), R. Madang, 3260, f/d NBC Map cd with Madang acknowledgement on back in 23d air, for 2 IRCs (McLEAN NY), R. Manus-Lorengau, 3905, NBC Map cd via Boroko in 30d air, for 2 IRCs, also sent house magazine "Transmitter" (LOBDELL MA), R. New Ireland, 2428, f/d ltr. in 248d air, for 3 IRCs, v/s Aloysius Rumina (OAKLEY OR), f/d Map cd + ltr. in 29d air, for 2 IRCs (HARMS UT), date/freq. personal ltr. + pennant in 40d air, for MS, this after follow-up (VRANES PA), R. Rabul, 3385, f/d Map cd in 82d air, for 2 IRCs (PLOTNICK CT), R. South Highlands, 3275, f/d Map cd in 29d air, for 1 IRC (MOORE PA)

SOLOMON ISLANDS: SIBC, 5020, 9545. F/d Logo cds in 16-103ds air and sfc, for 1-3 IRCs, MS, no rp. (MARTIN RI)(RZEPKA WI)(AUDETTE MA)(KEGEL MD)(SDDIE MO)(TACOMA CA)

Antarctica

Antartida Argentina/R. Nacional Arcangle San Gabriel, 6029, no/data SS ltr. + travel booklets and post cards, via RAE, in 20d air, for 1 IRC (EDDIE MO), no/data SS ltr. containing verte. statement + booklets and post cards, via RAE, in 21d air, for 3 IRCs, v/s Dora de Los Santos (KLASEK MO)

South America

ARGENTINA: R. Splendid, 5985, date/freq. blue/white cd + personal ltr. in 240d air, for MS, v/s Jorge S. Pedrero (LAZARUS LA)

BOLIVIA: R. Nueva America, 4797, date/only SS ltr. + MS in 368d sfc, no rp (BERES CT)

BRAZIL: R. Nacional/R. Bras, 15290, f/d Office Complex cd in 60d air, for 1 IRC (RZEPKA WI), f/d Sunset over Buildings cd in 59d air, no rp (EVANS TN)

R. Brazil Central, 4985, f/d EE/PP ltr. in 120d air, no rp, v/s Jose Castro Junior (TOIA ITALY), Radio Tube Do Para, 4855, f/d PP ltr. + used stamps in 30d air, no rp (ROSS ONT), date/freq. PP ltr. in 32d air, for 1 IRC (OEXNER GERMANY), R. Globo De Sao Paula, 6125, freq./only blue/white cd as used for R. Excelsior in 150d air, for MS (LAZARUS LA), R. Rio Mar, 9695, date/only large EE/PP Map cd in 25d air, for MS (VRANES PA), R. Rural Santarem, 4765, no/data ltr. in 36d air, for 1 IRC (OEXNER GERMANY)

CHILE: V. of Chile, 11720, 11890, 15140, 17790, 17800. F/d cds in 27-409ds air, for 1-2 IRCs MS no rp. "Sightseeing at Santiago", Government Buildings, "Dawn at the Central Mountain" etc. (FISHER MA)(OSBORNE MI)(HEYMAN NY)(KASPRZYK TX)(MOORE PA)(OSSEGE OH)(SERSHON IL)(AUDETTE MA)(TRIPATHI CA)(PLOTNICK CT)(PAVELKA NY)(HESCH NY)

COLOMBIA: R. Bucaramanga, 4845, date/only white cd in 28d air, for 1 IRC (FORSMAN CA), R. Santa Fe, 4965, date/only bi-lingual form ltr. + pennant in 46d, for MS (OSSEGE OH), R. Super de Medellin, 4875, f/d returned prepared cd in 21d on second try, for MS (LOBDELL MA), R. Sutatenza, 5075, f/d no desc. cd in ?d air, for 2 IRCs (KOBAYASHI JAPAN), 5095, date/freq. red/white cd + pennant in 40d air, for 2 IRCs (KLASEK MO)

ECUADOR: HCJB, 6095, 9560, 9745, 11910, 11915, 15115, 15250, 15295, 15300, 17780, 17885, 21480, 26020. F/d cds in 17-88ds air, for 2-3 IRCs MS no rp. (SLOVINSKI CA)(VOCKEROTH PA)(STONE ONT)(HEYMAN NY)(THOMPSON NM)(ALLEN AK)(FARMER TN)(JANES MI)(SMITH FL)(YAJKO PA)(AUDETTE MA)(SEMESKY IN)(HARDESTER CA)

Emissora Gran Columbia, 4910, no/data personal ltr. in 20d air, for 1 IRC, also pennant (KLASEK MO)

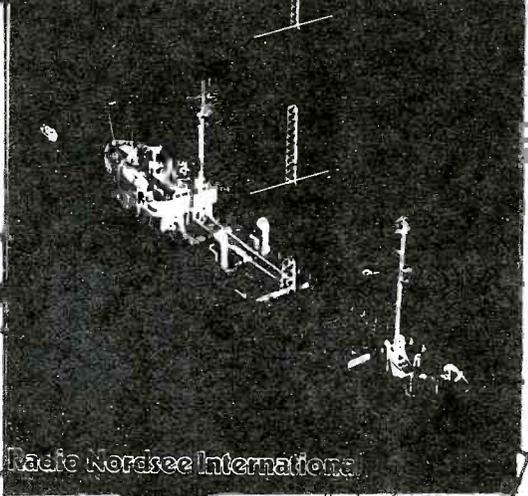
La Voz De Galapagos, 4810, date/freq. "Animals of Galapagos" cd in 70d air, no rp (Toia Italy), date/freq. "4 Scenes" cd in 44d air, for 1 IRC (KLASEK MO)

.. He who is afraid to ask is ashamed of learning ..

B B C

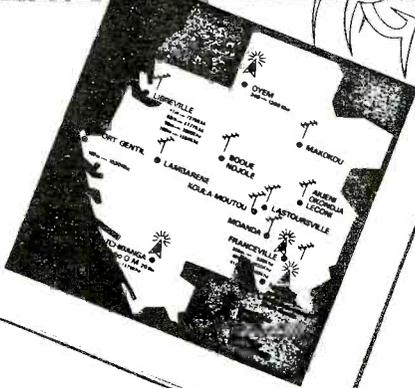


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Tips and Topics

The Feature Section of SPEEDX

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

KRS ALL-BAND "ACTIVE" ANTENNA

by Mike Hardester

From the time I began DXing and SWLing in the late '60's, I have longed for two things (actually three, but let's stick to the hobby): a good receiver and a good antenna. Obtaining the former is a simple matter of eating peanut butter sandwiches and drinking water for a few years (like since the late '60's), then suddenly all the money saved is carefully and lovingly paid out for the "ultimate" receiver! So far, that's half the story.

The other half of the story is the antenna. I'm sure many of us would give up our first SWBC QSL (HCJB no doubt) in order to have a really efficient antenna system. However, even if you give up an entire year's collection of HCJB QSLs, there's little chance you're going to realize that dream antenna system if you live "in the city." Still, there is hope!

On a recent visit to Radio West, Grant Manning and I discussed the problem of having a good receiver and little in the way of an antenna system. At the time, I was virtually "living in a trashcan in downtown San Diego" and, DX-wise, hating every minute of it. I had about 75 feet of wire in the air, but when it came to the 60mb and 90mb, my only loggings were from my wife's micro-wave oven and the neighbor's swimming pool heater!!! And the worst part was neither would QSL! Chronic depression was a reality.

After explaining my situation to Grant, he suggested I try out a proto-type "active" antenna which Radio West was developing and I quickly accepted. A description of the antenna, from the new Radio West catalog, begins "This antenna consists of three parts: A three foot telescoping whip antenna with an FET preamp sealed in a weather-proof PVC enclosure, attached to 50 feet of HG-58 coax, a post-amplifier located at the receiver, containing a high-power RF transistor for low intermodulation distortion and a RF gain control to prevent receiver overload, and a small AC power adapter.

The Active Antenna can be battery powered for portable or field use. While NO antenna is better than another under all conditions, with all receivers, on all frequencies, the KRS All-Band 'Active' Antenna is, in general, equal to a 100 foot longwire over the 200 kHz to 50 MHz frequencies. Supplied with three feet of shielded cable, phone jack to stripped and tinned leads for connection to the receiver."

I used the antenna at my home in San Diego where the only comparison I could make was with the 75 feet of wire and my three receivers: SPR-4, FRG-7, and FRG-7000. There was, actually, no comparison: the "active" antenna out-performed my wire antenna on all bands. However, I did notice some over-loading of the front-end in the medium-wave spectrum, but Grant advises this problem with the antenna I tested has been corrected in the production units now available.

Not satisfied with one test, I asked Grant if I could try out the "active" antenna at Radio West (located in a fairly QRM-free environment) along with his 200 foot + longwire and KS Preselector. Grant agreed. So, on one dark and cold night (all night!) amid the local racoons fighting outside, I proceeded to DX...er, test the antenna systems. The receivers in use were the FRG-7, FRG-7000, and the new Kenwood R-1000 (nice receiver!)

For reference purposes, Radio West is located in Escondido, California, which is about 30 miles/50 kilometers northeast of San Diego. Of the three receivers used, there did not seem to be greater sensitivity of one unit over the other, though the R-1000 was easier to tune owing to the "automatic" preselector built in. Following is a brief list of the stations heard and their respective "S-meter" readings. Although of questionable value, I'm using the "S-meter" readings simply as a point of reference in relation to the antenna type used:

kHz/station	Active	200' LW	200' LW + Preamp
3250 - SABC	2-3	N/A	9+30
3300 - R. Cultural	9	9	9+35
3390 - R. Zaracay	2	2	0+30

4680 - R. Nac. Espejo-----:	3	N/A	9+20
245 - NDB "AN" at San Diego International-----:	3	1	3
233 - NDB "LG" at Long Beach Airport-----:	2	N/A	4
680 - KNBR in San Francisco-----:	9+30	9+30	N/A
830 - WCCO in Minneapolis/St. Paul-----:	9+10	3	N/A
890 - WLS in Chicago-----:	9+10	9+20	N/A

A point of clarification: as the preamplifier for the longwire does not tune below 2 MHz, no comparison is possible for the medium-wave band.

Quite possibly, the KRS All-Band "Active" Antenna will prove to be what many apartment and mobile home residents have been looking for: an antenna which won't bring down the wrath of the management! And even if you have the ability to put up an antenna, the KRS "Active" would seem to warrant consideration. The price in the new catalog is \$115.00 including postage and the antenna or catalog may be obtained from Radio West, 3417 Purer Road, Escondido, CA 92025.



HEADPHONES FOR THE DXER

by Steve Kennedy

Probably the least mentioned, but often the first accessory that a new SWL/DXer adds to his/her receiver is a set of headphones. This single item is probably one of the least understood items in the DX shack. A good set of headphones, properly used, often can dig out those rare DX catches. Headset DXing offers the listener 2 main advantages over those who must listen with a loudspeaker. (1) A headset insures that the listener will hear everything which is in the receiver's audio. (2) Use of a headset will enable the listener to operate the receiver at late hours without disturbing others.

One factor which makes headset DXing superior over listening to a loudspeaker is intelligibility. The speaker used with most SW receivers is at best a compromise. Since a room's acoustic's will modify the quality of a speaker's sound, some of the readability of the signal will be lost. This writer has DXed from rooms where the floor was carpeted and where drapes covered the windows, and have found that this improves the audio quality of a receiver which was previously in a bare room. Do not confuse audio readability with fidelity. At this point we are not concerned with making SWling into a HiFi medium.

Almost all acoustical problems encountered with a loudspeaker can be eliminated by using a good headset. The audio element in a headset is directly over the ear and there is almost no chance of any problems with poor acoustical quality. In almost all cases, the acoustical quality of the sound heard by the ear is entirely dependant on the headset itself.

All right, maybe this may sound like a lot of mumbo-jumbo to some; but at least we know now why phones are superior over a bare speaker.

Now the question may arise - What kind of headset should I use for DXing/SWling? First off, forget the wide range stereo headsets. These are designed to listen to music, not DX. A wide range headset will actually have a negative effect on any selectivity your receiver may have. A 5 kHz hetrodyne often heard on the SWBC bands will become more audible since the resonant frequency of many hifi headsets are in this range. However, communications type headsets have maximum intelligibility in the frequencies of 300-3000 Hz, and seems to "filter" out some of the hetrodynes, and low frequency noise which is so often heard in SWDXing. Therefore, the first consideration for a headset is that it should be those made for communications.

A good set of phones for DXing should be comfortable. Often you are at the receiver for at least an hour or more, and it is quite annoying to have an uncomfortable headset. The headset is the only item which must be physically worn by the user in DX/SWL listening. You obviously wouldn't wear an uncomfortable pair of shoes; so why have an uncomfortable headset. There are models of headsets which are full coverage types. These cover the entire ear and seal it off from outside noise. The full coverage types are also the heaviest to wear...12-16 oz. There are the smaller over the ear types which are lighter ...10 oz. And finally there are the types which look like a physician's stethoscope where the sound is piped through tubes to the ear from a single sound element.

Probably one of the most common type of headphones available for DX/SWL work is the magnetic type. Several years ago there were many models available for less than \$5.00. This type of headset has an impedance of 1000 to 2000 ohms, made of bakelite, and is simply a small electromagnet and a metal disc diaphragm. This model definitely is not a wide range set. The sound has a peak of around 1000 Hz, and unless you were used to listening to them, you may find the sound a little strange. But the main point in this type of headset is that it will actually add some selectivity to your receiver. This set is still excellent for the ute DXer who listens to SSB and CW. Many of these are made by Murdock,

Superior, Blondes, and Longes. Check for these in a Lafayette Catalog.

One type of magnetic headset which doesn't have as restricted a sound as those just mentioned is one made by Clevite-Bush. This is probably one of the best magnetic headsets made. These are not too easily found, but are worth the \$35.00 price for the quality in them. This is also one of the best built headsets available, and can take many years of heavy use.

Finally there is the headsets made by Telex. Telex makes headsets for almost any use. Available are the "monoset", "twinset", and several full coverage types. One of the most popular is the CS-7. This writer uses a pair of CS-7 for DXing that are quite comfortable, have decent sound quality, and are generally affordable at \$40.00.

As with any piece of DX equipment, a headset requires some care for many years of dependable use. Almost all communications type headsets have provisions for replacement of the headset cord. Either this may be a simple plug in affair, or simple screw terminals. It is advisable to purchase a spare headset cord to replace the cord supplied with the headset if it should become damaged. If the headset has plastic or rubber ear cushions, a spare set would be a wise investment.

Another important item in the use of a headset is proper impedance matching. Most modern receivers have an audio impedance of 8 ohms. Most communications headsets have an impedance of 600 to 2000 ohms. If yours is the case, it is strongly suggested that you obtain some sort of impedance matching transformer to properly terminate your headset to your receiver. It will amaze you the improvement in sound quality when the headset is matched with the receiver.

In closing, try DXing with a set of phones. If properly selected for comfort, audio intelligibility, and impedance matching, you will hear that elusive DX clearer and a lot easier.

ADDENDUM:

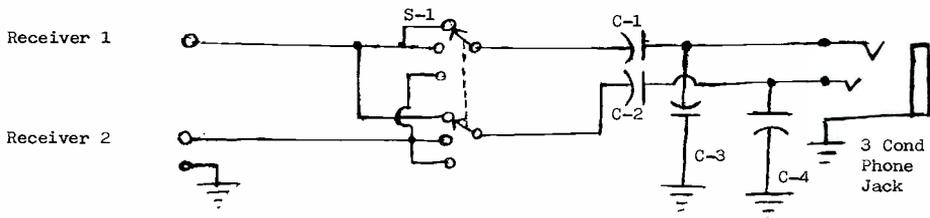
Since the foregoing article was written, this writer has found several suggestions which will enable the SWler DXer to use a Hifi type of headset.

A wide range type of headset can be used with DX receivers provided the receiver has a low impedance output of 8 ohms. A 5-10 mfd capacitor is wired in series with the phones to eliminate 60 & 120 cycle AC hum. Then a 10-20 mfd capacitor is placed in parallel to the phones. This will help restrict the frequency response of the audio going to the phones.

If this treatment is done for each ear in a stereo headset, diversity reception is possible. Rather than disassemble the phones, add the capacitors at the phone jack where the phones are plugged in. This will enable the phones to be used with hifi equipment without any loss of quality.

The DXer who wears glasses, and wishes to use a stereo type headset may wish to check into the open-air over the ear type of phones. Koss makes a set with soft foam cushions which are quite comfortable with glasses.

If there is any possibility that diversity reception is used, a simple 3 position switch should be employed to select the receivers feeding to the phones. This will save more time than having to have to plug and unplug headsets when setting up receivers. See figure below.



S-1 Positions

- 1 - Receiver #1
- 2 - Both
- 3 - Receiver #2

C-1 & 2 5-10 ufd

C-3 & 4 10-20 ufd

S-1 3 pos Switch

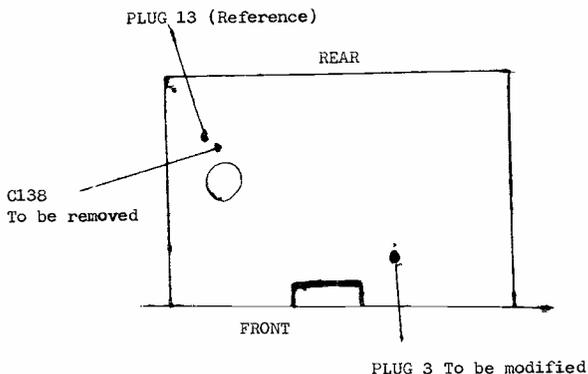
Be an ACTIVE SPEEDXer. Support your favorite column today. Remember, it is your club!!!

SOME COMMENTS ON THE KENWOOD R-1000

by Dave Rains

I recently purchased a Kenwood R-1000 from Ham Radio Outlet as per the announcement in recent SPEEDX newsletters. I must say that their price of \$400 was excellent, service swift (I received it in Colorado Springs 3 days after ordering by phone and they paid the shipping) and they were helpful in answering a question I had about the unit after I received it.

As for my impressions about the receiver, I find it to be a very good value after a couple of inexpensive modifications are made. The R-1000 is a very stable unit that shows little drift (after 5 hours it was still showing 5960 after it had warmed up for an hour). Reception of SSB signals is good as voices are clean and intelligible and the stability of the unit allows one to listen to transmissions without constant retuning. One unusual property of these radios is that best voice on SSB transmissions is obtained when the readout is +1 kHz for USB and -2 kHz for LSB from transmitted frequency. The radio is quite easy to operate and has good sound quality.



In spite of these positives the receiver as it was stock (unmodified) had some definite problems. In my opinion the major difficulty was inferior selectivity as even the narrow mode was only 6 kHz for -6db for AM signals (the wide mode was an incredible 12 kHz at -6db!). The next major problem was the slow AGC decay rate (WRTH said 18 seconds and I'll believe it.) The rate was so slow that when tuning across a band, a strong signal would silence the radio and allow one to tune right past weaker nearby signals. Overloading is a problem with this model and the RF attenuator switching arrangement does not allow

the proper degree of control over strong signals. The switch is arranged in 0, -20, -40, -60 db. increments but only the -20 db. is of much use and the -60 db setting is unusable as it renders the radio nearly mute on even strong signals (I'm only using a 40' copper wire around the ceiling of my apartment). I think the steps should have been 0, -10, -20, -40 dbs. if a potentiometer for RF gain couldn't have been used.

Until I received my WRTH, I despaired that I would probably have to pay about \$85 to someone like Radio West to have at least the selectivity and AGC problems dealt with. But the new receiver tests by Lawrence Magne in the WRTH mentioned that for R-1000 radios built before 1/80 (which includes mine), Kenwood would offer a modification kit to allow the narrow mode to use the SSB filter without the BFO and provide a bandwidth of 2.7 kHz for -6 db (a real improvement!) and the former narrow mode of 6 kHz for -6 db. becomes the wide mode. A 1 uf electrolytic capacitor is also included to replace the 4.7 uf capacitor in the AGC circuit and really speed up the decay rate. These modifications are said to have been made on radios built after the 1/80 date but I have not verified this myself so if one orders one, it would pay to check. I called Kenwood and was told that such a kit was available and would be shipped to me for \$5.25! The kit is known as the BWK-1 and can be obtained by sending a check to: Parts Department, Trio-Kenwood Communications, Inc., 1111 West Walnut, Compton, CA 90220.

The kit contains the parts to make a plug adapter to change the AM bandwidth and a 1 uf capacitor. A low wattage soldering pencil, some diagonal cutters and long nose pliers are needed to fabricate the plug. Two bits of advice I offer relating to the assembly of the plug are to follow the diagrams included with the kit and to be sure that the tiny metal pins are completely pushed into the plastic plugs. Replacement of the capacitor is quite another story if you don't have one of the early runs of the R-1000 (I didn't). The early models have the capacitor, a 4.7 uf electrolytic, attached to one of the bandwidth switches which can be reached easily after removing the bottom plate of the radio. Later but still unmodified sets such as mine have the capacitor located on the main circuit board and it is labeled C138 even though it shows as C2 on the schematic. Removal of the main board is a long process and requires a few more tools such as a good selection of Phillips

head screwdrivers and a 5/64" and 1/16" Hex wrenches (I'm not positive on this ones size but it's close). All of the upper controls have to be disconnected and all front panel knobs have to be removed so that the front panel plate can be removed. Once you have all the plugs on the board unplugged (most of them are numbered on the board and the plugs so its not too complicated) and all the screws removed from the circuit board (there is also one small screw just to the right and above the digital display that has to be removed to get the main board out). The time setting switches do not have to be removed. A desoldering tool helps to remove the capacitor once the board has been taken out of the chassis. Be sure to observe proper polarity on the capacitor. I have a diagram on the previous page which shows the location of C138 and the plug that has to be modified to improve selectivity.

Once these changes have been made, the R-1000 performs much much better and is in my estimation a heck of a deal for \$405.25.

P.S. Kenwood days on the BWK-1 instructions that it is not possible to modify the 12 hour clock into a 24 hour display in spite of rumors to the contrary.

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A NEW RECEIVER FROM RADIO SHACK- THE DX-302

by Vijay S. Tripathi

Well, after reading a lot about the DX-300 saga, it appears that we may look forward to the DX-302 saga. This new receiver looks just like its predecessor, the DX-300. From the outside (front panel) only 2 differences exist, namely the "fine tune" knob of the DX-300 is now labelled as the "BFO pitch", and the "wide-normal-narrow" switch of the DX-300 is now the IF bandwidth switch with 2 positions (wide and narrow). The selectivity of this new receiver seems to have been greatly improved as compared to the DX-300 (where the bandwidth was 6 kHz at -6 dB and 20 kHz at -70 dB). The narrow position is very effective in cutting noise level even from fluorescent lights.

I operated this receiver for about 20 minutes in a Radio Shack store. The receiver was connected to an indoor long-wire antenna. The only problem I noticed (with the unit I operated) was that, since the MHz knob does not "Lock" at a fixed position, although the MHz LED display does not change, the S-meter does show a variation in the signal strength when I moved the MHz knob in either direction (little bit of course). This means, one will have to find the optimal position of this knob (at least with the receiver I used). The operating manual has warnings against using an antenna 50' or longer at 2 MHz or lower frequencies and stresses the significance of proper preselector setting.

TECHNICAL SPECIFICATIONS -

Receiving Modes : LSB/USB/CB/AM/SSB/STD BY

IF Frequencies : First IF - 55.5 - 54.5 MHz
 Second IF - 3 - 2 MHz
 Third IF - 455 kHz

Sensitivity : For 10 dB S+N/N (AM)
 at 50 kHz 30 uV
 300 kHz 2 uV
 900 kHz 1 uV
 3.1 MHz 0.5 uV
 28.1 MHz 0.5 uV

Selectivity : -6 dB -60 DB
 WIDE 3.5 kHz 6.0 kHz
 NARROW 2.5 kHz 4.0 kHz

Image Ratio : More than 60 dB

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CODE OR RTTY READER

by W. Page Pyne

A new world for listeners started a few years ago when a little known company called A-TRONIX started manufacture of a little gem called an alpha-numeric code reader. This little box (which is still manufactured) enabled listeners who couldn't copy morse code to

attach this little box to a shortwave receiver and copy incoming high speed morse code transmissions on a screen that would display one letter at a time. The pioneer device sold for about \$170 and eventually gave other manufacturers ideas.

Now in 1980 there are several companies actively competing for this market with kits and wired units designed for sophisticated morse code reception and now also the addition in some cases of radio teletype options. All this is contained in a box which could be no larger than a modern CB set. Interesting, you bet!

Below is a listing of the companies in the code reader market of which this author has knowledge. Most of these companies (if not all) will provide descriptive information on request.

A-TRONIX Suite C6 23151 Alcalde Dr. Laguna Hills California 92633
CR-200 Code Reader copies morse between 5 & 50 wpm. 16 position Character Display. \$300 and teletype option available soon at a projected \$85.

DYNAMIC ELECTRONICS Box 896 Hartselle AL 35640
DE-150 Automatic CW Copier Approximate 10 digit display-Auto speed adjustment \$430 including shipping. (No RTTY copying ability)

Hal Communications Corp. Box 365 Urbana IL 61801
DS-2000 KSR \$499 ESM-914 Monitor \$169 MR-2000 Morse receive option
Designed when used together as a complete Send & Receive Terminal for RTTY & CW
Full catalog available on request

KANTRONICS 1202 E. 23rd St. Lawrence, Kansas 66044
FIELD DAY SWL MODEL 1/2" high 10 digit character display \$465
3-80 WPM Auto Speed CW 60-100 WPM RTTY 110 & 300 WPM baud ASCII
Built in 24 Hr UTC Clock Free Book Offered by Kantronics "Code Reading Made Simple"

MICROCRAFT CORP. P.O. Box 513G Thiensville Wisc 53902
MORSE-A-WORD 8 Character Readout, Built in Code Practice Oscillator
Kit Form Model MAWK-8 \$170 Wired & Tested Model MAWF \$250
RTTY READER 8 Character Readout 60-67-75-100 WPM RTTY & 110 WPM baud ASCII
Kit Form Model RRR \$190 Wired & Tested Model RRF \$270

MICROLOG CORP. 4 Professional Dr. Gaithersburg MD 20760
AKB-1 Keyboard AVR-2 Decoder Sanyo Monitor Combination price \$1099
A Complete send-receive terminal for RTTY and CW

There may be other units on the market but these are those being heavily promoted through national advertising. Many other companies are making units designed to modify the TRS 80, PET, SWTE or other computer terminal for these applications but the units described above will stand along with a general coverage receiver to provide readout of RTTY News & Wire Services, Weather Wires, Hams, and general CW & RTTY Utility Transmissions.

TIDBITS

POP SHIP CAROLINE SINKS WITH A SONG: The pop pirates were finally scuppered on March 20th, when Radio Caroline sank in mountainous seas. But in true maritime fashion, the disc jockeys aboard continued to broadcast almost until their ship slipped beneath the waves. They signed off with the station's familiar theme tune, Caroline, by The Fortunes. Four DJs - Stevie Gordon, Tom Anderson, Nick Richards and Dutchman Hans Verlaan - and the ship's canary were plucked to safety by the Sheerness lifeboat. Back on dry land, they were met by police and questioned under the Maritime Offences Act - the law passed in 1967 to silence the pop pirates. In 16 years of broadcasting, Caroline had been blockaded by governments, starved of funds, and raided by police and Home Office officials. It was the sea that finally silenced the first of the pop pirates. A force nine gale dragged the ship ten miles off its anchorage in the Thames estuary into the treacherous stretch known as the Black Deep. It ran aground and slowly filled with water. The DJs did not realize for several hours that the anchor had broken because they were working at the pumps below deck, chest-high in water. Lifeboat coxswain Mr. Charlie Bowry said the rescue took 12 hours and was the "hairiest" he had known. Nick Richards said: "We kept broadcasting till the last minute, but we had no choice but to abandon her to the mercy of the sea." Caroline began broadcasting on Easter Sunday 1964 and gave many top disc jockeys - including Tony Blackburn, Dave Lee Travis, Johnnie Walker and Simon Dee - their first break. (Daily Mail, March 21, 1960 via S. Proon; Philadelphia Inquirer, March 24, 1960 via Larry D. Cohen)

STATIONS AREN'T JAMMED: Radio Free Europe and Radio Liberty continue to transmit Western news to the Soviet Union and other Communist countries despite increasingly sophisticated jamming of the airwaves, says Glenn Ferguson, head of the public-financed stations. Ferguson said the two stations weekly broadcast news and programs in 21 languages to Eastern Europe and the Soviet Union. He estimated the Eastern European audience of Radio Free Europe at 33 million a week and 4 million for Radio Liberty to the Soviet

Union. Ferguson said the Soviets spent an estimated \$200 million a year on jamming, or three times the budgets of the two stations. The stations have been using more female announcers, whose voices are more difficult to block. (The Milwaukee Journal, March 16, 1980 via Bob Zilmer)

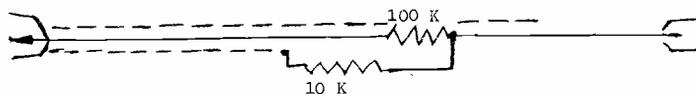
RADIO COMMUNICATIONS GUIDE: This book is the RADIO listeners ROAD MAP TO THE RADIO FREQUENCIES OF THE WORLD! Published in December, 1979, this book is designed for the Shortwave Radio Listener as well as for the Scanner Monitor. It contains those hard to get and unpublished frequencies that you will need to listen to some of the most interesting 2-Way Radio communications. It also contains other information and articles to help you find and understand these transmissions. The Guide is \$6.95. Make Checks payable to Handler Enterprises, Inc., P.O. Box 48, Deerfield, Illinois 60015.

ITALIAN PIRATE STATION: Ioia Amelio sends word about Italy's only pirate station broadcasting on shortwave. The station is called "Compagnia Italiana di Radiodiffusione" or the "Italian Broadcasting Corporation." They are now testing on 6250 kHz on Sundays. Half hour English programs can be heard at 0900, 1130, 1330, 1500 and 1600 GMT on 6250 and 17940 kHz. They also broadcast in Italian, French and German. Send reception reports to Compagnia Italiana di Radiodiffusione, c/o Play DX, Via Davanzati, 8 - 20158 Milan, Italy.

TAPE RECORDING PATCH CORD: For those of you who have a recorder that does not have an auxiliary input, this little gadget will let you record directly from your radio.

From Radio

To Recorder



When you try to record directly from a radio and your recorder does not have an auxiliary input, the signal from the radio however small will overload the recorder. The resistors at the plug that connects to your recorder provide approximately 50 db attenuation at the recorder so that the signal can be recorded without overloading the recorder. Unless you solder the input of this patch cord directly to the receiver, you should wire a plug that matches the headphone jack of your receiver. The output should be wired to a plug that matches the mike input of your recorder. (Ronald Nutter)

THE VOA IN THE PHILIPPINES: The VOA Relay Station in the Philippines consists of ten 250 kW shortwave transmitters. These transmitters were built by the Hughes Aircraft Company under a contract with VOA for \$2,000,000 US dollars. These transmitters have 100% modulation and the frequency coverage of the transmitters is six to twenty-five MHz. The VOA has an antenna farm near the transmitter complex. The Antenna farm consists of over 50 directional antennas and the Antenna farm is spread over an area of 2,000,000 acres. The target areas are: (1) The people's Republic of China (2) Eastern Europe (3) The USSR (4) Asia. The programs broadcast are from the VOA studios in Washington and are in many languages (Chinese, Russian, English, etc). Future plans consists of adding four new transmitters at the Philippines relay. This is being done to improve coverage of China and Central Asia. (Paul Saunders.)

RADIO MOSCOW PLAYING HARD ROCK, SOFT RHETORIC: Radio Moscow has scrapped its Cold War rhetoric for a slick English-language service. Gone are the political harangues and selections from the Soviet Army choir. The new World Service went on the air Oct. 3, 1978, largely in response to a speech by Soviet President Leonid Brezhnev, who chided the Soviet media for being boring. The service is a pleasant mix of contemporary Soviet and Eastern European music and Western tunes, with some additional features such as a daily Russian language lesson, stamp collecting, and ham radio. One sure sign of the new direction is a softer approach to the news. Scriptwriters have penciled out such jarring words as "capitalism" and "imperialism." But the World Service, which broadcasts 19 hours a day, clearly presents news from a Soviet point of view. Still, Radio Moscow appears to be the cutting edge of things to come and perhaps should be viewed not so much by what old lines it follows but by the new ground it breaks. (Milwaukee Journal, November 25, 1979 via Bob Zilmer)

GMT WRISTWATCH: A-TRONIX, Suite C-6, 23151 Alcalde Drive, Laguna Hills, CA 92653 is offering a wristwatch that has the capability of telling time in GMT as well as local time. Price is \$89.95 plus \$2.50 postage and handling. (David K. Maxfield)

ARTICLES NEEDED: Tips and Topics is in need of articles. You may write about anything pertaining to the DX/SWL experience. However, at this point, we are interested in technical articles about receivers, antennas as well as accessories. All articles should be either typed double spaced on 3 1/2" x 11" paper or clearly printed. Thank you. Have a very pleasant May and 73's, *Arturo*



CONTRIBUTORS

Numbers preceding each name indicate how many SPEEDX columns reported to. An * in front of a number signifies credits given for a previous month. Columns other than SWBC/QSL/UTE/SKEDS are NOT listed here. They are added to the permanent records by the Membership Chairwoman. Inquiries concerning credits should be sent to..... Vera M.Crable 5114 N.17th St, Coeur d'Alene, Idaho 83814 73's and GUD DX to _____ reporters this month. VMC.

*5 ALEXANDER, Brian	PA....RF-4900	*6 HALL, Stuart	CA.....RF-1000
*2 ALLEN, James	AK.....DX-300	5 HARDESTER, Michael	CA.....R-1000
*3 APOLLON, Fritz	MD.....RF-2900	4 HARMS, Bill	UT.....FRG-7
*6 AUDETTE, David	MA.....DX-3000	1 HASKETT, Thomas	IN.....RF-2200
2 BARR, Jose	CA...FRG-7000	*1 HENSLEY, Baxter	TX.....FRG-7
*4 BARRETTE, Chris.	QUE..ICF-6800W	2 HESCH, Ruth	NY...FR-6600JW
2 BERES, Louis 111	CT.....DX-160	*6 HEYMAN, Stephen	NY.....DX-160
*3 BICKEL, John	CA...RP-8880	1 HICKMAN, Mel	OR.....A-2515
*5 BLAIZE, sandy	LA..EDY-830/7	*4 HODSDON, Thomas	MN.....FRG-7
1 BLOM, Gordon	NY.....DX-160	1 HOFFMAN, Charles	PA.....FRG-7
*8 BOEHM, James Jr.	TX.....R-4C	1 HOLBROOK, Hank	MD.....HQ-129
*9 BREWER, Paul	TN...RF-2800	*5 HOLLAND, Darryl	NY...FRG-7000
3 BROWN, Nathan	WA..ICF-5900W	1 HOLMES, Bob	TX.....MONARCH
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*5 CALVER, Steve	ENG....R-1000	1 HOWELL, Joe	CA.....FRG-7
2 CATEY, Robert	IL....SX-133	*6 HUDDLESTON, Howard	TX.....FRG-7
3 CEREGHIN, John	MD.....AR-2	1 HUFFAKER, Carl	MEXICO...HOMEBREW
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4 OEXNER, Michael W.	GERM...SAT-3400	*6 SMITH, Thomas	FL.....XCR-30
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1 OSBORNE, Aaron	MI.....SW-717	*5 SMITH, Wade	CA.....FRG-7
2 OSSEGE, Ted	OH.....DX-160	*4 SOMERS, Jack	CA.....FRG-7
3 OSTERMAN, Fred	OH.....R-4B	3 STECK, Richard	IL.....R-1000
6 PAVELKA, John	NY.....R-1000	*4 STONE, Wilfred	ONT....FRG-7000
2 PETERS, David Sr.	KY.....R-390A	3 TACOMA, Scott	CA.....FRG-7
3 PETERS, Michael	NM.....R-4B	1 TALBOT, Larry	WI.....FRG-7
*5 PETTIT, Lani	IA.....RF-2800	*6 THOMPSON, Glenn	NM.....FRG-7
1 PIMBLETT, Nigel	ALB....DX-150A	*5 THOMPSON, Peggy	CA.....FRG-7
2 PITTS, Stephen	UT.....DX-300	1 TIMMER, David	IN.....RF-2200
*6 PLOTNICK, Alan	CT....FRG-7000	*7 TOIA, Amelio	ITALY...SAT-2100
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3 RICCIUTO, Albert	NY.....SX-190	*4 VOGELMAN, John	NY....HQ-129X
1 ROGERS, Wesley	ONT.....SX-190	3 VRANES, Alex	PA.....FRG-7
1 ROSS, Alstair	SCOT....FRG-7	2 WAGNER, Lawrence	PA.....FRG-7
2 ROSS, Robert	ONT....FR-101S	*2 WALL, Bradford	CA.....XCR-30
*2 RUBIN, David	MA.....FRG-7	*1 WAMPLER, Michele	VA.....R-4C
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*5 SCHROEDER, Arthur	WI.....DX-160	2 WESTBROOK, John	NY....FRG-7000
*2 SEMESKY, Thomas	IN.....FRG-7	4 WHITE, Darren	MS.....DX-60
3 SERSHON, Ed	IL.....DX-160	5 WITTE, Marjorie	CA.....FRG-7
1 SEYMOUR, Woody	NC.....SPR-4	*6 YAJKO, Robert	PA.....SPR-4
*1 SHIN, Taga	JAP....FRG-7000	*1 ZELLE, Robert	MAN....RF-5000
1 SIMPSON, Jim	CA.....FRG-7	*5 ZILMER, Bob	WI.....R-390A
*4 SANDERSON, J (000)	AZ.....DX-160	4 ZIMAROWSKI, Mark	MA.....SX-190

|||||

Only one column lost in the mail this month, will add credits next month.

Welcome and GUD DX to 8 members reporting for the first time. They are:

LOUIS BERES 111.....CT	FRED JOHNSON.....IL	ALBERT RICCIUTO.....NY
R.W. FARMER.....TN	MARGARET KRAUSE.....WI	JOHN WESTBROOK...W.GERM
CARL HUFFAKER...MEXICO	JOACHIM KORNEK...W.GERM	

73's...VERA

|||||

ITEMS FOR SALE/TRADE/WANTED PREPARED BY OLIVER ELLSWORTH

FOR SALE: FRG-7000, Radio West modified w/Collins filter for exc.selectiv. Still under warranty. \$410 ppd. Tom Adams, P.O. Box 1165, Midland, MI 48640. 517-631-7115 after 2230.

FOR SALE: FRG-7 Modified w/mechanical filter, VLF converter, calibrator, all built in. Comes w/a 4 diget outboard freq. readout. Exc. condition. \$450. Don Johnson, P.O. Box E, Lake Elsinore, CA 92330.

WANTED: Hallicrafter S-120. Rob Harrington, 3181 S. York St, Englewood, CO 80110. Rob has an excellent DX-300 that he will sell for \$300.

FOR SALE: 1979 Sony ICF-6800W digital receiver, multivoltage version, \$545. Flawless cond. w/warranty card. Gilfer A-20 preselector, 3.2-18 mHz high-gain version, \$48. Joystick-Joymatch tuneable antennas (7' length) for coupling to Joymatch or other pi-tuners, \$35 each. This is a moving sale, offer not valid after move on June 10. 215-663-1179 (no collect calls) Larry Magne, 15 N. Central Ave. Rockledge, PA 19111. All ppd/w/insurance.

WANTED: Autek QF 1, Panasonic RF-2200, 2600 or 2900 (mint cond only) also 12.0 crystal for SPR-4 (see For Sale for address & phone number)

FOR SALE: Franklin 24 hr clock-exc cond \$19. KS preselector \$65. Jim Uerlings, 3908 Kelly Dr., Klamath Falls, OR 97601. 503-884-7659 after 0100 GMT. No collect calls

FOR SALE: SX-190 2½ years old, exc cond w/manual. 16-49 International broadcast bands, 15-80 Ham bands, CB band (27.0 to 27.5 mHz) \$250 Canada, \$225 U.S.A. plus shipping via air freight. Price includes speaker. Dr. Allan Stuart, 604 Hopkins St., Apt 5 Saskatoon, Sask, Canada SFJOnZ. 306-343-6737 evenings or week ends. No collect calls.

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