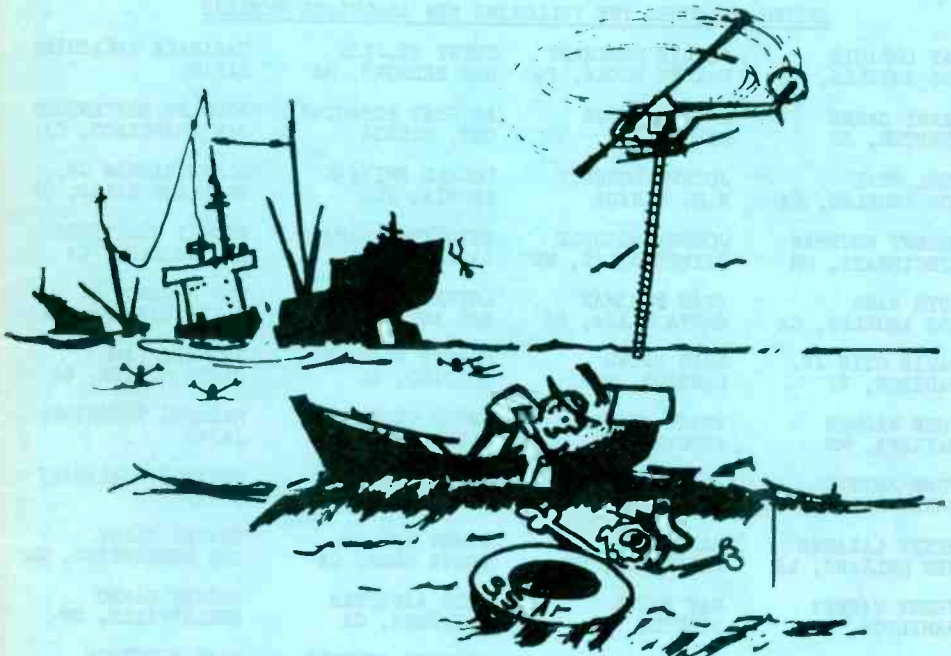


SPEEDX

"THE DX RADIO MAGAZINE FOR ACTIVE SHORTWAVE LISTENERS"



"I'M FROM SPEEDX.....WHAT FREQUENCY WERE YOU USING?"

JUNE 1978

Vol. VIII No. VI



KEYNOTES



OLIVER ELLSWORTH, MANAGING EDITOR: 2043 W 75th ST, LOS ANGELES, CA 90047

CONGRATULATIONS TO 10 NEW FULL MEMBERS

STEVEN HAGEN PALOS HILLS, IL	ERIC KELLER PALO ALTO, CA	DON KENYON BUTLER, PA	DAVID NORCROSS HONOLULU, HI
RON NUTTER TEXARKANA, TX	BRUCE SEGLER ANAHEIM, CA	EDWARD STICKLE HEMPSTEAD, NY	FRANK WATSON DURHAM, CA
TED WILSON MILWAUKEE, WI	RICK WORREL WEST FARGO, ND		

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

SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

RAY LOBJOIS LOS ANGELES, CA	PHILIP BURKHART McKEES ROCKS, PA	HENRY ST. JEAN NEW BEDFORD, MA	MASANAKA RAKASHIMA JAPAN
DANNY CARNS CHESTER, SC	ERIC CHAYTOR OXFORD, NJ	ANTHONY BUHAGIAR ONT, CANADA	RODOLFO MONTENEGRO SAN FRANCISCO, CA
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RUTH MANN LOS ANGELES, CA	STAN FORSMAN SANTA CLARA, CA	LUTHER BROWN SAN ANTONIO, TX	RON HOWARD SANTA BARBARA, CA
DAVID OTIS JR. MADISON, WI	GREG BROWN LANSING, MI	ROBERT RUGGLEY CHICAGO, IL	FRANCIS PAWL SANTA MONICA, CA
JOHN WAGNER WAYZATA, MN	FRANK WHEELER ANDOVER, KS	BRUCE GRODNER BOZEMAN, MT	MASASHI TSUKAHARA JAPAN
JOHN ARTHUR SUNNYVALE, CA	JOHN BUDD TULSA, OK	MARTIN WADE CUT OFF, LA	YOSINOBU YAMASAKI JAPAN
HENRY LAZARUS NEW ORLEANS, LA	MARK ZAVATSKY FAIRFIELD, CT	FRANK BALLOU COSTA MESA, CA	THAYER CLINE SAN BERNARDINO, CA
JERRY VARNEY HAMILTON, OH	RAY STEEN SEATTLE, WA	ARIS ASPIOTES ALHAMBRA, CA	STEVEN RAMBO SHELBYVILLE, TN
KEVIN COLLMAN ERIE, PA	BOWMAN GRATON DUXBURY, MA	CHARLES DIEBOLD SARASOTA, FL	MARK PETERSON PHILADELPHIA, PA
TSUGUYA SASAKI JAPAN	GENE SIMPSON PLEASANTON, CA	DAVID MORCK DOWNEY, CA	GEORGE NUCKOLLS CHARLESTON, WV
DAVID RUBIN WINTHROP, MA	PETE MHUNZI LOS ANGELES, CA	TAKUYA SHIMIZU SAN MATEO, CA	BRIAN BAKER STILLMAN VALLEY, IL

Thanks for joining SPEEDX, we hope the magazine will be of great help to you. We ask that you support the various columns and sections with your loggings, knowledge, and information pertaining to shortwave radio and Utilities, that can be passed on to all members. We solicit suggestions and constructive criticism, after-all this is your club. When you have acquired 10 points or more, we will send you the beautiful Full Member Certificate and the SPEEDX Constitution, that you will enjoy displaying in your radio corner.

COVER: Thanks to SSGT ROBERT L. FORRESTER JR., USAF, stationed in Okinawa for this month's cover drawing. Robert was kind enough to send us several excellent drawings. Good luck on your promotion Robert! dj

CENTRAL DISTRIBUTION EDITOR

Due to the recent postal increase, I am sure that the services of the CDE will be greater than before. We wish to remind you that the deadline to Bob Zilmer is the 10th of the month. If at any time that you are late in mailing your loggings that will miss the 10th deadline, it is suggested that you mail directly to the respective editors, and or if you are sending in loggings for one column only, please mail them to the logging editor to reach him by the 15th. The Central Distribution Editor is Bob Zilmer, P.O. Box 697, Milwaukee, WI. Do Bob, yourself and SPEEDX a favor by meeting his deadline, thanks.

SPEEDX INCREASES SCOPE OF COVERAGE

Due to the continuing interest shown in shortwave programing, SPEEDX is including a new column on shortwave programing, that should be of interest to all members. However we need your help by sending program news and info on interesting programs that you have heard to the program editor. It is with great pleasure that I announce the appointment of Woody Seymour, Post Office Box 848 Sanford, NC 27330, as the editor of this new column. Let's swap Woody with the information on shortwave programing. Congratulations Woody.

PROJECTS COORDINATOR

This important position has been recently filled, as announced by the Board of Directors. Congratulations are in order for Mel Hickman, 7409 S.E. 82nd Portland, OR 97266. Many of you know Mel as the former A/O and SKEDS editor, and his work on the SPEEDX Utility Guide. The Projects Coordinator is responsible to SPEEDXTRAS, the division of SPEEDX that is responsible for our various project, BIPS, New Member Packets, pamphlets, contests, etc. Any of you that would like to see SPEEDX conduct a shortwave contest, should contact Mel, with your ideas of a contest.

EDITORSHIP CHANGE

Congratulations are also in order for Orla Reese, 1639 Massachusetts St, Lawrence, KS 66044, who is taking over the editorship of Station Skeds from Larry Talbot. Beginning immediately, all items for that column, are to be sent to Orla. Larry has had to resign from the SPEEDX staff due to vocational demands. He not only is putting in many hours at work, but is improving his mind by attending night schooling. Larry, SPEEDX thanks you for the excellent job you have done with Station Skeds, we will all miss you. Keep in touch. Welcome aboard Orla.

ANARC CONVENTION

A reminder that the convention will be held on July 14,15, & 16, 1978 in Montreal, Quebec, Canada. All sessions will be held at Radio Canada International's vast studio complex, 1400 Dorchester Blvd. East, Montreal. Convention hotel is the Sherbourg Hotel, 475 Sherbrooke St, West. For reservation forms in USA send a SASE to ANARC 1978, 557 North Madison Ave, Pasadena CA 91101. In Canada send SASE to ANARC Committee, 6 Coolbreeze Ave Pt. Claire Quebec Canada H9S 5G4. Overseas send one IRS to the Canadian Committee.

The price of the banquet is \$10.00 per person, not \$5.00 as previously listed. Latest information is that Arne Skoog, host of "Sweden Calling DXers" for many years will be there. Dick Speekman of DX Juke Box is expected to attend.

Hope to see you there, I plan to attend along with many SPEEDXers coast to coast. Should be a good one.

BEVERAGE ANTENNA DXPELITION

The DXpedition to include a picnic/campout for all Tropical and Broadcast Band DXers. Date, June 10, Saturday thru Sunday morning. Site is near 29 Palms, CA in the Southern Calif desert. All DXers and friends are invited. For particulars, phone Don Erickson at (714) 687-5910 or 738-3709, or write Don Erickson, 6059 Essex St., Riverside, CA 92504.

The area is beautiful this time of year, should be a nice meet.

THE HAP DXERS COURSE

The first four tapes in this new series of hobby tapes from the Handicapped Aid Program, which contains valuable information of interest to veteran and novice SWLs and DXers, are now available. Each tape in the series is 60 min. or longer.

TAPE: 1 SW Propagation & the Ionosphere; The E Layer of the Ionosphere; The Northern Lights; An Ionospheric Phenomenon - Ionospheric Donuts.

TAPE: 2 SW Receiver Specifications Explained; SW Jamming; Harmonics & Images

TAPE: 3 SW Receiving Antenna Course; What's the best Antenna?; Grounding - To Ground or not to Ground.

TAPE: 4 Frequency Management Course - The role of the ITU & IFRB; SW Interference & Man-made noise - How to Recognize & Deal with it.

The price of each tape is: Cassette - \$4.50 Reel-to-Reel - \$5.00.
Canadian or U.S. Dollars.

Sterling prices for Great Britain: Cassette - 2 pounds, 25 P R-R - 2 - 50 P.

Prices include airmail to anywhere in the world.

Costs of tapes can be paid in IRCs: Cassette - 15 IRC R - R 16 IRCs
IRC orders to be sent to Canadian address listed below.

Personal checks will be accepted, but from only from within the country to which the order is sent. Money orders, Bank or Postal, made payable in the currency of the country to which the order is sent should be used otherwise.

SEND ORDERS TO

WAYNE A. DAVIS
Director, HAP USA
27 Cleveland Ave
Trenton, NJ 08609

BILL DULMAGE
Chairman, CHAP
RR 3, Colborne, Ontario,
Canada K0K 1S0

JOHN ROSE
Chairman, HAP UK
5 Hall St
Wombwell, Barnsley
Yorkshire, England

Proceeds from the sale of the HAP DXers course on tape are used to finance the operation of the Handicapped Aid Program in Canada, the United States, and other parts of the world. Copying of tapes not permitted without authorization from HAP.

ANTENNA PROJECT

Headquarters plans to prepare a pamphlet on INDOOR ANTENNAS used by our members. This would be invaluable to SW hobbyists, who are not able to erect an outdoor antenna. Will you please take the time to send in your design for an indoor antenna. Credit will be given for useful designs and will receive a copy of the pamphlet. Drawings of your design would be welcome.

COMPUTERIZING THE SW HOBBY

Several members have suggested an exchange of ideas on the use of the computer in our hobby. With the popularity of home computers from Radio Shack & Heath-Kit, more and more computers are being built. SPEEDX HQS is still using an abacus, Hi. If you have any ideas, contact Francis Rosinski, RD #1 Box 229, Perryopolis, PA 15473. Maybe a "Computer Newsletter" can be started.

GREAT CIRCLE DISTANCES & G.C. BEARINGS

SPEEDXer Doug Snyder has completed a computer program on his home computer, that will print out over 200 transmitter sites, giving the members exact Great Circle Distance and G.C bearing to each of the 200 sites. For those that are interested, Doug will furnish you the 5 or 6 pages of the G.C.D. for \$5.00 to cover costs. He will need your Lat & Long. (Grid Coordinates).

Contact Doug Snyder, 3130 Woodmont Dr, San Jose, CA 95118.

For sale: Worcester SM-2 MW loop antenna, 1 year old, \$35.00 or best offer.
Contact Chip Karcheski, 5 Einhorn Rd, Worcester, MA 01609 Phone 617-752-1365.

for sale items cont on last page

Program

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

Deadline: 15th of the Month

JUNE 1978

WELCOME to SPEEDX's newest column! Beginning this month, a page in each issue will be devoted to news of shortwave programming. The designation of 1978 as "International Broadcasters Year" has caused a renewed interest in the content of shortwave broadcasts. It will be the purpose of this column to supply information on the wide variety of programming available on the shortwave bands. This month's column will contain some ideas on possible features to be included in the column. However, it should be emphasized that these are only suggestions, and it will be your comments that will decide the direction the column will take. Let's have your ideas!

NAME...The first order of business is an important one...this column needs a name! Send your suggestions to me at the address above. The deadline will be July 1, 1978. The person who sends in the winning name will receive a hard-to-get SPEEDX pennant. Why not send some comments on the column with your entry?

NEW AND SPECIAL PROGRAMS...Broadcasters are constantly changing their schedules, and each month, changes in program lineups will be spotlighted. Also, programs for holidays or other special occasions will be mentioned. Due to the steep price of London Calling, a special effort will be made to present news of upcoming BBC World Service programs.

PROGRAM LINEUPS...Reports of daily program schedules will be presented as space permits. Due to space limitations, members will be urged to write to their favorite stations for program schedules.

PROGRAM GUIDE NEWS...Nearly every station broadcasting over shortwave today publishes a program guide. News of guides available and stations with mailing lists will be presented as appropriate.

PUBLICATIONS...Publications available on the subject of programming will be mentioned from time to time. Every effort will be made to check out the publications mentioned, but members are reminded that a mention is not necessarily an endorsement.

COMMENTS FROM MEMBERS...Do you have a favorite program? If so, what makes it your favorite? Do you dislike a particular station's programs? If so, what makes them so bad? Let's have your comments.

DX PROGRAM NEWS...News and reviews of new DX programs, information on changes in DX programs and announcements of DX shows being dropped will be presented each month.

INITIALLY there may be some overlap between this column and other columns in SPEEDX. Articles on stations, lists of DX programs available and long articles on programming will be published in "Tips and Topics". Time and frequency schedules will appear in the "Station Skeds". Topical program information should be sent here. Let's hear from you today!

YOUR EDITOR...I'm a 27 year-old attorney, and I've been an SWLer/DXer for ten years. I joined SPEEDX in 1972. Until recently, WS prepared a monthly column for another DX club. My wife is also an SWL, and she is a super co-editor! I'm looking forward to doing this column, and I hope that the membership will give it the same excellent support that the other columns receive. A program note--"Austrian Short-wave Panorama" can be heard on ORF @ 0300 GMT Sundays--6155 & 3770. Until next month, good listening! 73, *Woody* 5/19/78



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

THANKS! Fellow SPEEDXers for all the nice letters and questions that filled my mailbox. Keep those letters coming. I hope to answer everybodys questions as soon as I can work the pile down!

+++++
Randy Lindsey sends in a comment about a "flagpole" antenna article that was in the March '78 issue of "QST" magazine. Who will object to you flying a flag from your windowsill? Maybe a good "dodge" to NO ANTENNA apartments!
+++++

+++++
Leon Tannenwald sent me an interesting brochure on some inexpensive digital (non-electronic) 24 HOUR clocks. Very nice! From about \$17-25. Write to: United High Power Lab, 389 Fifth Ave., New York, NY, 10016 for more info.
+++++

+++++
Craig Mellinger sent in a sheet on the new Standard C-6500 receiver. It sells for about \$360 list. The same thing as the Drake SSR-1 repackaged. (Drake recently announced the SSR-1 was going to be discontinued.)
+++++

+++++
I have gotten numerous letters asking about indoor antennas, preselectors, antenna tuners or couplers and "active antennas". I have used the McKay-Dymek DA-100 on one occasion. I cannot really pass judgement on it except to say that ANY active antenna is a compromise, and won't work miracles!!! In some very difficult situations like high atop an apartment house, where your apartment is surrounded by steel framework, something like the DA-100 will seem to work wonders. (It will!!!) However, if you are in a wooden frame house in the suburbs, it may seem to do no better than a 25 foot hunk of wire strung to the nearest tree!!! **PROVERB:** Try other ways of improving reception, such as antenna couplers etc. **BEFORE** shelling out the price of a good "active antenna". Just to rush out and buy one based on what wonders it is supposed to perform might be a waste of money! Some firms will allow you a free trial period or charge you a 10% restocking fee to return an item. This will certainly save money if the item won't do as advertised or how you expected. A lot depends on your individual situation, the building you are in, noise from power lines and the receiver you are using. Some very adverse images might appear when using a preselector or active antenna on some of the newer "sensitive" sets, such as the RF-2200, RF-2800, ICF-5900 etc. In this case, a more suitable arrangement might be a 102" CB whip mounted on a plank mounted on your window sill at around a 45 degree angle. This used in conjunction with an antenna coupler of some sort. If this fails, try a preselector and so on. The key is to **EXPERIMENT!** If you can erect two or more antennas, so much the better. You will find one will do a better job on one band or area of the world when the other one is lousy, and sometimes the reverse will be true.

For those of you that are inclined to do some building, write to Radio Nederland, DX Jukebox, P.O. Box 222, Hilversum, Holland. Ask for the information sheet on the "active antenna". This can be built for about \$15-\$50 depending on what parts you can scrounge from a friendly "ham" operator. Performance is very good for an active antenna.
+++++

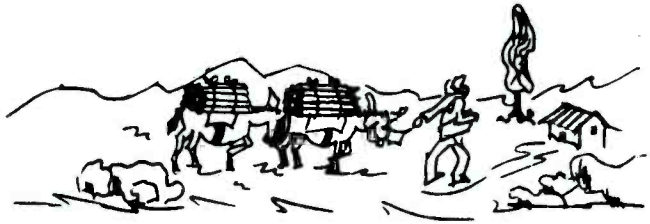
At the time this article is being written, I will be soon leaving on a business trip to England. Therefore, please bear with a slow answer to your inquiries. I'll be there for 2-3 weeks and plan to do some European DXing! By the time this is in SPEEDX, I will return. Until then best of DXing to you all and 73!

Sandy, WSTW

(At last a chance to visit the BBC Headquarters and World Radio Club crew.)

SWBC DX - Western Hemisphere

◊ EDITOR ◊
CHRIS HANSEN
ST JOSEPH'S SEMINARY
DUNWOODIE YONKERS
NEW YORK 10704



JUNE, 1978

This month we are going to spotlight the new bootleg radio station, the "Voice of the Voyager". This station has burst upon the airwaves within the last three months with the force of a whirlwind. One might ask what makes the VoV any different from another bootleg, or any clandestine station. The answer is simple -- the people who own and operate the VoV seem to be DXers, or at least SWL's. How do we know that?

Two ways -- first, there is a DX program occasionally broadcast, and second, they QSL reports which appear in the major shortwave club bulletins!! Unique in my memory. We have six reports this month of the Voice of the Voyager, and we will print them below, so that those who wish to try for them can have a better idea of how to go about hearing them.

Voice of the Voyager

5850 0456 Voice of the Voyager, 7 and 8 note guitar IS, px "Nighttime Melodies".

two ancrs, R&R and jazz selections closing with a Maynard Ferguson number. Mentioned located "1 mile north of nowhere", ID: "Champions of Bootleg Broadcasting," QSL instructions. 0536*, after taking calls over the air. (4/22, Gerry Dexter, WI)

0520 VoV, playing rock records, mentioned what sounded like a phone number, got a good ID and 0538* (212; 4/30. Sandy Blaize, LA)

0500 VoV, guitar ID, "We will Rock you," tx, mx, phone number: (415) 285-0045. (in California), 0534*, power given as "600 W of insanity." quality varied between poor and fair (4/30, Mike Maghakian, NY)

0455 VoV, 7 note guitar ID, ID @0501, into "Night at the Opera" by Queen. Mentioned "100 W of power", went into reading of all sorts of numbers, almost sounds like reading loggings as if in a DX listeners' px (You're right, John, it is a DX px!! cph); gave same number as in Maghakian logging above, say that they have to sign off at 0532 because "engineer is getting mad!" John got through on the phone number after s/off, and had a nice chat. They know of John's program on HCJB and request a plug, which was duly given on 4/29 in a show about pirates in general. They are converting to DST, and will begin bc at 0400 instead of 0500 GMT. They are also considering a slight change of fq. to 5855 or 5860 to get away from the UTE QRM on 5950. (333; 4/30, Trautschold, WI)

0515 VoV, "Nighttime Melodies px" using the 1918 Edison phono. "Big Boom Radio" serial segment, 4 minutes of DX px. Phone patch never materialized though ancd. 0542* and much static throughout xmsn. (252, 4/16. R. Utter, NY)

0500 VoV, continues to be hrd amid heavy static. QSL received for phoned report. On 4/15 hrd with mx, and "Mail Call" quoting reports from DX bulletins. Phone #: (212) 626-9906 (NY Telco loop). Said for a QSL to send a report to FRENDX or any other major SW club bulletin. Unison chant at s/off: "May the Spirit of the Voyager be with you always." and abrupt s/off. (Hauser, TN)

A few comments have been received indicating that the place of origin of these broadcasts is probably upper Michigan, confirmed by the fact that the QSL was post-marked in Detroit, MI. I have been trying, but the UTE mentioned by John Trautschold is quite heavy here and, while some twitters want to get through, nothing definite yet. Might try the loop some evening after 0600. Keep trying for them, and, if they are reading these lines, I say to the owners of the VoV: "May the Spirit of the Voyager be with you always."

Speaking of phone numbers, my own phone number here at the Sem is: (914) 968-6200. Prepaid calls will be gladly received between 2300-0300 GMT or so.

Loggings will begin on the next page. Times and dates are GMT, dates are in month/day format, fqs. are in kHz (kilohertz) and SIO code denotes reception conditions noted.

ARGENTINA

SOUTH AMERICA

- 5060 0950 R. Nacional, SS, folkloric mx, OM ancr, (222; 4/21. Thompson, CA)
 6120 0935 R. El Mundo, SS, nx; (232; 5/1. Jones, MS)(Donly, SC)
 9690 0350 RAE, EE, ballad, ID, Cuban QRM, (433; 4/12. Earhart, PA)
 11710 0137 RAE, SS, Argentine mx, tx; (344; 4/12. McCurdy, CA)(Miller, CA; Hodadon, MN)
 (Dein,CA; Fraser,MA;Ruggley, IL; Thompson, CA)

BOLIVIA

- 4720t 0349 R. Riberalta; SS, no ID @0400, OM ancr. (332; 5/6. Earhart, PA)
 4753 0527 R. Em. Bolivia, SS, LAm. mx, tlk, strong but messy (222; 4/23. Brookwell,CA)
 4875 0140 La Cruz del Sur; EE, religious px, SS ID, fqys; EE ID, fqy's, 0203*
 (353; 5/8. Heath, KY) MS)
 6035 1035 R. Panamericana, SS, 'Buenos Dias, Bolivia',mx, flutes; (443; 5/10. Jones,

BRAZIL

- 3265 0035 R. Tamandaré, Recife; PP; local, & pop mx; tlk w/ ads; ID @0048 (232;
 4/27. Donly, SC)
 3285 0130 R. Olinda, PP, pop mx px; TC's, fqys. @0130; (343; 3/11. Whitehead, MA)
 4834t 0210 R. Dif. Teresina, PP, sx, ID's as R. Nacional, relay of RNB?? (perhaps)
 (333; 5/11. Maghakian, NY)
 4835 0330 R. Dif. Roraima, PP, pop vocals, ID @0330; ads, nx; full ID @0335; (444;
 4/29. Whitehead, MA)
 4855 0250 R.C. do Pará, PP, guitar mx, vocals, tlks; (343; 4/14. Thompson, NM)
 4985 0550 R. Brasil Central, PP, cultural mx, OM tlk, mx to 0604 when ID w/ complete
 fqy's. Solar flare affected band very much — only Africans seem to
 get through (253; 4/29. Trautschold, WI)(Lobdell, MA)(Heath,KY)
 (Tannenwald, NY)
 m5015.5 0700 R. Pioneira, Teresina, PP, up tempo vocals, ID sequence, ads??; bad QRM and
 storm noise made it hard to get; not totally sure, but almost positive
 (Radio and Teresina hrd)(222; 4/13. Trautschold, WI)
 5025 0035 R. Borborema, PP, Bras. mx; tx; ID; (222; 4/23. Tannenwald, NY)
 5045 0155 R.Cultura do Pará, PP, armts, ID, Simon & Garfunkel's "The Boxer" (333;
 Lobdell, MA)(Tannenwald, NY)
 5965 1400 R. Guaiaba, PP, ID, nx, mx by choral groups (323; 4/19. Miller, CA)
 6035 2250 R. Globo, PP, ID, tlk on sx; (fair; 4/23. Lobdell, MA)
 9585t 2215 R. Excelsior, PP, strong signal, futebol, RSA IS @2220 and competed with
 Brasil (353; 5/1. Earhart, PA)
 9645 0927 R. Bandeirantes, PP, tlk by OM, ID; (433; 4/9. Kato-JAPAN)
 9665 0950 R. Nacional, PP, ID jingle, OM DJ, pop mx; (454; 5/8. Heath, KY)
 9675 *0800 R. Diario da Manhã, PP, mx, ID, drama?; (433; 4/10. Kato-JAPAN)
 11720 2355 R. Nacional, PP, mx, ID, tlks; (544; 4/24. Miller, CA)
 11765 0104 R. Tupi, PP, Mellow Bras. folk mx; armts; (444; 5/5. Jackson, OR)
 (Lobdell,MA; Maghakian, NY)
 11780 0354 R. Nacional, PP, version of "I never promised you a rose garden" in PP;
 ID, nx at 0355 (444; 4/17. McCurdy, CA)(Stone, ONT)(Zink, CA) + 7
 11805 0940 R. Globo, PP, pop vocals, ID, ad; good 'til DW s/on @0956 which wiped
 them out (243, 222@0956DW; 4/10. Trautschold, WI)(Jackson, OR; Kato,
 JAPAN) + 3 reporters
 11785 0215 R. Guaiaba, PP, pop mx, breaking through QRM briefly (333; 5/2. Jackson, OR)
 11815 0925 R. Brasil Central, Bras. ballads, OM tlk between; ID, weak (243; 4/10;
 Trautschold, WI)
 11867a 0100 R.C. de Pernambuco, PP, Futebol, excited ancr (aren't they all excited,
 though???) cph), off-fq. a bit (343; 5/3. Jackson, OR)
 11915 0005 R. Gaucha, PP, Braz. mx; ID, tlk, clobbered by HCJB @0030; (433; 4/28.
 Jackson, OR)
 11950t 0225 R. MEC, PP, class. mx, tlk by om/yl to 0301*, no ID heard, but Brazil
 open tonight (343; 5/2. Maghakian, NY)
 15325 2215 R. Gazeta, PP, tlk, mx, ads; (433; 5/3. Zilmer, WI)
 15415 2300 R.C., Ribeirão Preto, PP, OM ancr, nx,mx; clear after VOA s/off. Mentioned
 Brasilia and São Paulo many times; (323; 4/30. T. Smith, CA)
 17815 0003 R. Cultura de São Paulo, diff. call for each fqy, diff. from WRTH 78.
 (4/14. Hauser, TN)(17815's call is "ZYE961 acc. to gh)(Ireland, TN)

CHILE

- 6135 1104 R. Univ. de Concepción, EE, YL w/ ID, asking for reports; (322; 4/27. Jones, MS)
 6190 1112 R. Nacional de Chile, SS, OMM w/ chimes, nx, ads, ID as "R Colosal,
 Santiago, Chile", then ID as "R. Nacional de Chile" @1159 (444; 4/28.
 Thompson, CA)(422; 4/14. Jones, MS)
 9630 0155 R. Agricultura, SS, upbeat mx, nx on hour (443; 4/23. Lindsey, NJ)
 9750 0002 R. Minería, SS, ID, music box, pop mx; (good; 5/2. Lobdell, MA)
 11705 0430 VOC; EE, px with old Chilean folk tune (444; 4/17. T. Smith, CA)(Somers,CA;

CHILE, continued;

- 11705 Del Rio, CA; Hagewood, TN; Stephenson, CA; Donly, SC; Garms, AZ; Bryan, CA; Jones, MS; Thompson, CA; Zink, CA.)
 11730 0255 VOC; EE, tlks on Chile, (555; 4/13. Worrel, ND)
 11810 0341 VOC; EE, supported US policy; (433; 4/17. McCurdy, CA)
 15115 0015 VOC; EE, Chilean mx (finally gotten away from the total propaganda px, I guess. cph)(444; 5/12. Monjure, LA)
 15130 2330 VOC, EE, mx, Chilean exports; (444; 4/11. Mellinger, NJ)(Hagewood, TN; Willis, PA; Jechenthal, IL; Earhart, PA; Thompson, CA; Rudolph, AL)
 15150 0337 VOC; Discussion px; (454; 5/6. T. Smith, CA)(Zilmer, WI; Earhart, PA; Schancer, NY; Bowman, GA; Thompson, CA; Zink, CA)

COLOMBIA

- Emis. El Mundo, (sorry about misplacing station. cph)
 4755 0605 /SS, vocals, OM tlk; the tropical bands are becoming tropical again (i.e., more noise. cph)(242; 4/26. Trautschold, WI)(Lindsey, NJ)
 4785 0915 Ecos del Combeima, SS, agricultural tlk; (333; 4/21. Tannenwald, NY)(Trautschold, WI)
 4815 1100 R. Guatapurí, SS, OM ads, LAM pop mx; (332; 4/14. Thompson, CA)
 4845 0215 R. Bucaramanga, SS, tlk, ads, ID's (222; 4/23. Tannenwald, NY)(Brame, IL)
 4875 0915 LV del Norte, SS, mx, tlks; (333; 4/27. Tannenwald, NY)(Jones, MS)(ID: "Aquí desde donde comienza Colombia les habla La Voz del Norte de Cúcuta, Estaciones HJBF, 1040 kHz, onda larga con 15 mil vatios de potencia, HJBF, 4875 kHz onda corta, banda internacional de 62 metros y ... frecuencia modulada. La Voz del Norte, la emisora musical par excelencia." Whitehead, MA)
 4945 0635 R. Colosal, SS, OM/LAM mx; (434; 5/6. Ireland, TN)(Thompson, CA; Brame, IL; Zink, CA; Trautschold, WI)
 4965 0745 R. Santa Fe, SS, OM pop mx; (444; 5/4. Thompson, CA)
 5095 1022 R. Sutatenza, SS, local mx, CW QRM; (323; 4/21. Thompson, CA)
 6065 0910 R. Súper, SS; mx, ads, lively mx; (544; 4/28. Miller, CA)(Lobdell, MA; Blaize, LA; Thompson, CA)
 6075 0933 R. Sutatenza; SS, ID, LAM mx; (434; 4/24. Snyder, NY)
 6095 1025 LV del Centro; SS, ID, TC, greetings, campesino mx; no AFRTS on freq; (443; 5/10. Jones, MS)
 6115 0951 LV del Llano, SS, many ID's. Modulation problem 0957 (fair; 4/14. Lobdell, MA; Snyder, NY)
 6140 0626 R. Melodía de Bogotá, SS, LAM mx, full ID @0630; (333; 4/16. Famularo, NJ)(Lobdell, MA; Jones, MS; Blaize, LA)
 6150 0800 LV del Huila, SS, OM s/ mx; many ads; (444; 4/30. George, TX)(Lobdell, MA)
 6160 1017 Em. Nueva Granada; SS, LAM mx; ID: (433; 4/26. Blaize, LA)
 9655 0500* R. Nacional, SS, s/off w/ fqs. and NA (4/12. 222; Brookwell, CA)
 15335 0430 R. Nacional; class mx, ID, ½ hour block of mx. Nrx composed of taped relays of SS rx segments of international bcers (e.g. RCI @0431, DW @0442. 0500* w/ NA (333; 4/28. Kaufman, NY)(Stone, ONT; Thompson, CA; Earhart, PA; Birkhaeuser, MA; Ireland, TN)

ECUADOR-HCJB

- 9560 0456 EE, "Happiness is..." (232; 4/15. T. Smith, FL)(Gaede, CA)
 11835 0708 GG, nx, (333; 5/8. Gaede, CA)
 11840 0910 EE, HCJB Hour, headlines; (443; 4/24. Snyder, NY)
 11915 0610 EE, musical px; (333; 5/8. Gaede, CA)(Reiley, MD; Hagewood, TN; Fraser, MA)
 15115 1319 EE, "Bible for You" "Morning in Mtns." (454; 4/13. T. Smith, FL)(T. Smith, CA; Earhart, PA)
 15295 1152 SS; tlk, hymn, Polynesian-type mx; (353; 4/9. Earhart, PA)
 17790 1930 EE, rel px; not listed in WRTH; (544; 4/16. Baum, FL)(Stone, ONT)
 17890 1919 EE, "Passport" (443; 4/22. Snyder, NY)
 3390 0445 R. Zaracay (not to be confused w. R. Yaracuy, 4940, Venezuela); SS, LAM mx, ID's, RTTY QRM intermittent (544; 4/24. Howell, CA)
 4680 0525 R. Nacional Espejo, SS, pop mx of Ecuador, ID w/ echo; (444; 4/5. T. Smith, FL)(Zavatsky, CT; Lindsey, NJ; Roper, AL; McCurdy, CA)
 4795 0350 LV de los Carás, SS, soccer match cmtry, //Emis. Gran Colombia 4911, ads; (242; 4/29. Whitehead, MA) wald, NY)
 4820 0915 R. Paz y Bien; SS, *0927, semi-class mx ID, being sked; (322; 4/26. Tannenwald, NY)
 4910 *1109 Emis. Gran Colombia, SS, NA, theme mx, ID fqs, poorer than usual; (232; 4/12. Jones, MS)
 4930 0330 R. Casa de la Cultura, SS, nx, mx; (433; 4/14. Parsons, FL) IL)
 4940 0300 R. Nacional, SS, ID's by OM, military-type mx (prob. NA) (422; 5/9. Brame-

FRENCH GUYANA

- 3385 1000 FR3, FF, ID, guitar IS, into lang; (222; 4/15. Brookwell, CA)

Las datas de las Islas del Galápagos están en la página quatro de la sección H/O.....

GALAPAGOS ISLANDS

4810 0200 LV de Galápagos, SS, ID, lively mx; (333; 4/24. Lindsey, NJ)

PARAGUAY

5237 0014 R. Nacional, Asunción; SS, LAm mx, some tlk by OM, possible ad; 2 ID's between 0028 and 0031. (242; 5/5. Donly, SC)

PERÚ

4860 0630 R. Chinchaycocha, SS, hi-life mx, choral mx 'Happy Birthday', then birthday anmts, ID @0701. (253; 4/29. Trautschold, WI) CA)

5980 0636 R. Panamericana, SS, LAm mx, ballads, ads; singing ID; (222; 4/19. Brookwell, (McCurdy, CA)

6020 0135 R. Victoria, SS, OMM excaating, interview; (232; 4/24. Thompson, CA)

6082 1042 R. Nacional, SS, la música peruana, splash from DW on 6085. (422; 4/13. Jones, MS)

6175 *0958 R. Tawantinsuyu, SS, ID, calls by YL, NA, mx; (342; 4/25. Jones, MS)

6195 0952 R. Cuzco, SS, nice ID, mx; (242; 4/25. Jones, MS)

9505 1055 R. América, SS, ID, IS, ranchero mx; (343; 5/3. Zilmer, WI)(George, TX)

9523.5 1100 R. La Crónica, SS, IS, ID, Andean style mx, tlk; (433; 5/9. Zilmer, WI)

SURINAM-SRS

4850 0230 SS/EE, mx, sexy YL ancr; (322; 4/9. Baldwin, NC)(Mellinger, NJ; Heath, KY; Hagen, IL; Leistner, CA; Brame, IL; Thompson, CA)

URUGUAY

11835 1217 R. El Espectador, SS, YL w/nx; (333; 4/14. Thompson, CA)

11885 2305 S.O.D.R.E., EE, YL w/ nx, ID every 5 minutes, into SS @2315; EE ID @2330; (444; 3/21. Biller, NJ)(Famularo, NJ; Zilmer, WI; Lobdell, MA; Donly, SC; Leistner, CA; Worrel; Brame, IL; Hodsdon, MN) (Note: several reporters mentioned that this station wants reports — perhaps we can bolster up their EE service if we hear them and report to them. cph)

VENEZUELA

4770 0320 R. Bolívar, SS, ID, tx, mx; (332; 4/24. Lindsey, NJ)(Roper, AL; Pyne, MD)

4780 0130 LV de Carabobo; SS, mx, many ID's (253; 4/17. Hagen, IL)(Roper, AL)

4800 0308 R. Lara, SS, OM, LAm mx; ID; (544; 4/22. Thompson, CA)(Lindsey, NJ; Roper, AL; Tannenwald, NY; Famularo, NJ)

4845 0228 R. Bucaramanga, SS, OM ancr, many EE vocals, declared at 0259: "This is the Greatest Sound Around" (434; 4/16. Pyne, MD)

4860 1055 R. Maracaibo, SS, AM w/ tlk, ads, ID's, net nx; covered Chinchaycocha, (433, het; 4/28. Thompson, CA)(Tannenwald, NY)

4880 0110 R. Universo, SS, easy listening mx, anmts, TC's between records, (433; 5/10. Brame, IL)(Parsons, FL; Thompson, CA)

4930 1041 LV de la Fe, SS, OM tlk, ads, LAm pop mx; (322; 4/14. Thompson, CA)

4940 0415* R. Yaracuy, (not to be confused w/ R. Zaracay, 3390, Ecuador. cph), SS, nx to 0415*, NA; (4-7. 222; Brookwell, CA)(Zink, CA; Jones, MS; Thompson CA)

4960 1032 R. Sucre, SS, OMM nx, chimes; (232; 4/14. Thompson, CA)(Lindsey, NJ) CA)

4980 0210 Ecos del Torbes, SS, ID, LAm mx; (343; 4/20. Stone, ONT)(Tannenwald, NY)

4990 0200 R. Barquisimeto, SS, Venezuelan mx; vocals, orch mx, tlks; (343; 4/18. Thompson, NM)

5030 0200 R. Reloj Continente, SS, LAm mx, fast tlk; (322; 4/12. Stephenson, CA) CA)

5040 1016 R. Maturín, SS, 20 mins. of net nx; chimes, CW QRM; (232; 4/21. Thompson, CA)

6010 0820 R. Mil Cuarenta, SS, la música venezolana, (353; 4/25. Jones, MS)

6170 *1000 R. Nacional, SS, NA, ID, calls, px for campesinos (443; 4/25. Jones, MS)

6190 *0958 Ecos del Torbes, s/on, NA, ID, fqs, etc. mx; (534; 4/26. Blaize, LA)

9660 0545 R. Rumbos, SS, pop mx, no QRM; (555; 4/16. Baum, FL)(Trautschold, WI; Somers, CA)

15400 2230 R. Nac. de Venezuela, EE, OM w/ world nx, mx, EE s/off 2250; (333; 4/24. T. Hodsdon, MN)

NORTH AND CENTRAL AMERICAANTIGUA - BBC Relay

6175 0700 EE, nx, "24 hours", "Dancing Masters"; (444; 4/24. Chan, OR)(Zilmer, WI)

9510 0640 EE, country mx; (554; 4/18. Miller, CA)

11775 1300 EE, world nx, ID, aircraft sale to Arabs, (434; 4/25. Blaize, LA)(McCurdy, CA; Zilmer, WI)

15260 2114 EE, tx about religion in the USSR (343; 4/26. McCurdy, LA)

DW Relay

5960 0530 EE, s/on, fqs, world nx; (555; 5/4. McCurdy, CA)

ANTIGUA-DW Relay, continued

6085 *0200 GG, IS, s/on, best fqys and rx in GG; (434; 4/3. Leistner, CA)
 9690 1000 GG, nx; (444; 5/9. Gaede, CA)
 11810 0335 SS, OM/YL tlk about mx, 0350* (433; 4/25. Zink, CA)

BELIZE - Radio Belize

3285 0031 EE, px: "Billboard", ID by YL @0032, px: "Yesterday's Mx" (343; 4/28. Donly, SC)

CANADA

5960 0410 RCI, EE, cmt; (422; 4/27. Benjamin, CA)(Bowman, GA)
 6005 1915 CFCX, EE, "Duke Snyder Show", Expos-Cubs game; (434; 4/18. Angeloni, NY)
 (Andersen, NY)
 6070 2106 CFRX, EE, horse race results, traffic rpts, one ID; (242; 4/19. Stickle, NY)
 6120 0145 BBC, Sackville Relay, EE, WS nx; (544; 4/28. Miller, CA)(Zilmer, WI)
 6195 0300 CBC Northern Service, Eskimo/EE, YL, nx of W and N Canada, (333; 5/6.
 T. Smith, CA)(Somers, CA)(Rounds, CA)
 9535 0350 RCI, SS, musical px; (333; 5/8. Gaede, CA)(Hagewood, TN)
 9590 2315 BBC, Sackville, EE, World Radio Club, replaced 9510; (433; 5/3. Zilmer, WI)
 9605 0310 RCI, EE, nx, movie nx, interview; (444; 4/19. Chan, OR)
 11855 1913 RCI, EE, Eur. Svce; mx; (555; 4/22. Snyder, NY)
 15260 *1800 RCI, African Service, EE, IS 1800, "Canada à la Carte" show. (443;
 4/15. Naylor, CA)
 17760 2000 RCI, CC, Listener's mailbag, DX Digest; (444; 4/16. Stone, ONT)(Rounds, CA)
 17780 1700 RCI, EE, nx, DX Digest, to Afr.; (333; 5/7. Zilmer, WI)
 17820 2150 RCI, EE, DX Digest; (544; 4/1. Stone, ONT)(Naylor, CA)

COSTA RICA

4832 0735 R. Reloj, EE ID, SS tlk, "Star Wars" mx; (333; 5/14. Biller, NJ)(Howell, CA)
 Fisher, RI)
 5954 0330 R. Casino, SS, Lam mx, DJ, ads, ID; (454; 4/30. Jackson, OR)
 6006 0323 R. Reloj, SS, ID as "R. Reloj de Costa Rica; 2nd harmonic (12012) is much
 better than 6006; (222; 4/9. Trautschold, WI)

CUBA

4720 0345 R. Rebelde, SS, world nx, by OM, ID: "R. Rebelde, Cadena Nacional" 0359,
 then chime ID, Cuban anthem, then ID as R. Habana Cuba. (333; 5/10.
 Lobdell, MA) : (I think that this is probably some sort of studio-to-
 transmitter link; probably the change in ID is due to the hook-up of
 the Rebelde network to Havana for the news on the hour. cph)
 6060 0530 RHC, SS, Cuban sx; (555; 5/4. Del Rio, CA)
 9685 0400 RHC, EE, propaganda about how "The Rosenbergs Were Framed" (512, 4/24.
 Blaize, LA)(Johnson, FL; Willis, PA; Parsons, FL; Stone, ONT; Chan, OR)
 11725 0428 RHC, EE, OM denouncing military gov't of Brazil (444; 4/30. T. Smith, CA)
 11760 0156 RHC, SS, LA mx, YL DJ, 2 ID's, address; (444; 4/12. McCurdy, CA)(T. Smith, CA)
 15155 2028 RHC, SS, OM w/ nx, tlk; (434; 5/10. Monjure, LA)
 15230 0627 RHC, SS, IS, ID's, fqy's by YL, nx; (333; 4/11. McCurdy, CA)
 17750 2125 RHC, EE, Anti-U.S. propaganda, low modulation; hum; (444; 4/27. Blaize, LA)
 (Baldwin, NC)
 17885 2009 RHC, EE, cmt. on today's bc: "Today in History" (454; 4/13. T. Smith, FL)
 (Snyder, NY)(Stone, ONT)

DOMINICAN REPUBLIC

4930 0400* R. Mil, SS, s/off w/ ID and NA, //1180 kHz; (333; 4/6. Brookwell, CA)
 (Ireland, TN)
 9505 0000 R.TV. Dominicana, SS, OM, easy-listening mx; (444; 4/26. Ireland, TN)
 (Lobdell, MA; Baldwin, NC; Maghakian, NY; Zilmer, WI)
 11700 2300 R. Clarín, was off the air again for a few days in late April. Rudi Espinal
 explained that as a private enterprise, they couldn't afford to have a
 complete stock of spare parts, so when something goes wrong, they must
 go off the air until it can be flown in from USA. Costs them about \$5000
 per month to run their international SW service. Will be on 24 hours in
 SS with some EE segments, 15-17 May covering the Dominican presidential
 election. Elsewhen, as of 2 May, the "This is Santa Domingo" EE hour is
 on the air at 3 new times: 1200, 2000 (ex-2130) and 0300 GMT plus
 present 2300. Rudi gave conflicting times because of confusion in local/
 GMT conversion, so not all of these may be right. Clarín-DX is GMT
 Sunday @0000-0030..(Hauser-TN)(Thomas, NC; Blaize-LA; Rudi vows never to
 forgive our own Tim McCurdy for not visiting R. Clarín when in Dom. Rep.
 Thompson, CA; Zavatsky, CT; Miller, CA; Andersen, NY; Heath, KY,
 Jechenthal, IL; Hodsdon, MN)

GRENADA - R. Grenada

15105 2100 EE, mx, dedications; (555; 3/22. Proom, GB)

GUATEMALA

3300 1124 R. Cultural, SS, rel px; dedications; (4/15. 333; Brookwell, CA)(Roper, AL; Famularo, NJ)
 3325 1112 R. Maya de Barillas, SS, rel px; het; (222; 4/15. Brookwell, CA)(Indian language until 1100 ID, then into SS; 433/ 5-7. McCurdy, CA)
 4825 0230 R. Mam, SS, marimba mx, tlks; mx; (444; 4/13. Thompson, NM)(Hagen, IL)

HONDURAS

4820 0447 La Voz Evangélica, EE, px: "Lifeline", 0459*; (444; 6/5. Donly, SC)(Hagen, IL; Lindsey, NJ; Birkhaeuser, MA; Zavatsky, CT; Parsons, FL)

MEXICO

2390 0150 R. Huayacocotla, SS, mx, ID's, 0212* (HAM QRM; 322/ 4/7. Dalum, IN)
 6115 1545 R. Univ. de Sonora, SS, class mx, ID's, vocals; (454; 5/3. Thompson, NM)(McCurdy, CA; Thompson, CA; Garms, AZ; Leistner, CA)
 6165 1059 LV de la América Latina, SS, many ID's, calls, fqy's of stations in Monterey, Guadalajara, etc. slogans, no mention of SW operation, s/on?? (332; 4/14. Jones, MS)
 9705 0305 R. México, SS, class mx, ID, tlk by OM; (343; 5/2. Maghakian, NY)
 15175 1835 LV de la América Latina, SS, excited OM ancing sx event, ID; (222; 4/16. Rounds, CA)(comedy show done in 'barroom' format, complete with clinking glasses & crowd; Thompson, CA)
 15385 0041 R. México, SS, happy mx, (252; 4/9. Earhart, PA)(Stephenson, CA; Hodadon, MN; Thompson, CA)(Baum, FL)

NETHERLANDS ANTILLES- R. Nederland Relay

6165 0300 EE, DX propagation forecasts; (555; 4/6. Stone, ONT)(Rudolph, AL)
 9590 0245 EE, Holland's employment problems; (333; 4/15. Willis, PA)(Hagewood, TN)(Blaize, LA)
 9715 0830 EE, nx, Nxline; (555; 4/24. Snyder, NY)(Proom, GB)
 15180 2230 PP, OM, mx, cmt for Brazil; (444; 4/30. T. Smith, CA)
 15310 0155 SS, OM, countdown-mx survey (444; 4/15. Thompson, CA)
 17810 *2128 DD, IS, ID, s/on, nx; (444; 4/28. McCurdy, CA)(T. Smith, FL; Baldwin, NC)
 Trans-World Radio
 9570 0820 PP; tlk, mx; (333; 4/23. Miller, CA)
 11925 0134 EE, tlk about family; (322; 4/22; Snyder, NY)(Thompson, CA)(Miller, CA; Stickle, NY; Hagewood, TN; Somers, CA; Thompson, NM)
 15225 1316 EE, Children's Worship Hour; (554; 4/15. Snyder, NY)
 15445 0140 SS, OM tlk to 0145, IS, mx; (555; 4/15. Thompson, CA)(Donly, SC; Ireland, TN)

UNITED STATES OF AMERICA

6005 *0545 UN Radio; EE, Afr. nx; (Fri night/ Sat. morning only) (454; 4/29. Mellinger, NJ)
 6030 1000 AFRTS, EE, Relay of WWV anmt and hour time. New? (Probably just synchronizing studio clocks — some foreign power systems can make a clock go wild, especially one that likes 60 Hz AC and gets 55 Hz some of the time and some of the time 65 Hz. cph)(554; 5/1. Jones, MS)
 6155 0115 WYFR, EE, Family Bible Reading; (444; 4/5. Stone, ONT)
 6160 0720 VOA, EE, African Safari, (344; 4/24. Chan, OR)
 9535 0500 VOA, Bulgarian, nx, references to Israeli PM Begin; (333; 5/8. Gaede-CA)
 9660 0340 VOA, EE, Breakfast Show, mx,nx; (444; 4/19. Chan, OR)
 9750 0804 KGEI, Chinese, ID in EE (333; 4/26. Tom Smith, FL)
 10870 0330 VOA, EE, Afr. svce; mx,mx; (Not a harmonic 90 probably a feeder from USA to foreign xmitter. cph)(333; 4/20. Parsons, FL)
 11805 0535 AFRTS, Dixon; EE, nx headlines; (353; 4/29. Hackney, TN)
 14920 0256 WWV, why on this fq? (Perhaps some sort of rebroadcast by another station, or perhaps a mixing product? cph)(333; 4/17. Baum, FL)
 15215 0100 WYFR, SS, ID, nice mx, "La Palabra de Dios" (555; 4/7. Stone, ONT)
 15280 0130 KGEI, SS, mx, rel px; (555; 4/7. Stone, ONT)
 15305 1828 WINB, EE, rel px; (333; 5/1. Reiley, MD)
 15410 2117 UN Radio; EE, "SWAPO" and S.Afr. situation discussion (444; 4/27. Blaize, LA)
 15415 2255 VOA, 2300*; EE, mx; (555; 4/30. T. Smith, CA)
 15430 1615 AFRTS, EE, nx,cmt; (544; 4/4. T. Smith, FL)
 15440 0032 WYFR, SS, OM/YL tlk; mx; low fq. het, poor modulation (343; 4/9. Earhart, PA)
 17845 2035 WYFR, EE, birds px; (544; 4/15. Stone, ONT)
 17890 1730 WINB; EE, Jewish Voice bc; (555; 4/10, T. Smith, FL)(Brookwell, CA)
 21525 1924 WYFR, EE, rel px, Q & A; forum (333; 4/15. Brookwell, CA)
 26040 1621 VOA, EE. tlk about censorship; (343; 4/16. Bryan, CA)

WE'LL START UNIDS, BOOTLEGS, ETC. ON NEXT PAGE.

UNIDENTIFIED, BOOTLEG, ETC.

(Voice of the Voyager is on the first page of W/H. cph)

5950 1015 SS; trying to break through het. Arequipa, Cuenca?? splash from Centauros and VOA; (Have you considered Nuevo Mundo?? cph;) (5/2. Jones, MS)
a6140 0700 Unid, EE, Just as tuned in ancr said "Everybody talks about the Weather, and so do we, EGBS, 615. We are going to see how today's weather has been on our daily px "the Westervane", and so for our broadcast edition, we will see how the weather has been in "Etheocho" (sic); then 16 sec. pause, then a different announcer came on, "This is South Dakota calling, we are unable to bring you this edition of the weather-vane, etc, etc, etc. (Howell, CA) (Sounds like quite a spaced out group — never heard of a pirate giving a weather report at such length.) (Oh yes, there were roosters crowing in the background — that might help someone. cph)
a6420 0130 No lang, non-stop pop rock mx, 0200*, not hrd again (555; 5/1. Howell, CA)
7077v 0358 R. Rebelde, SS, hrd here tnx to tip from Stu Klein in Florida. Cmt on Venez, Ethiopia, Cuba by Comandante David, 2-way ham contacts. Changed to 7080 to avoid Cairo on 7075; Strong signal (Hauser, TN, 4/14.)
12280 0413 SS, mx, some mariaca, horse whinny at 0500 (232; 4/17. Mellinger, NJ)

Radio 4VEH

La Voix Evangelique

BOITE POSTALE 1
CAP HAITIEN, HAITI
WEST INDIES

Dear Shortwave Listener:

Recently here at Radio 4VEH we have been receiving a number of reception reports from various listeners stating that they have been listening to Radio 4VEH on various frequencies at different hours of the day.

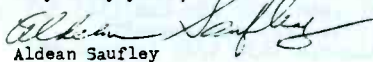
We realize that with the crowded band conditions today that it is not always easy to identify the various stations and that due to this many reception reports are received by stations who have to reply and say, "We're sorry, but the station you heard was not ours..."

Since the last part of October 1977 Radio 4VEH has not been broadcasting on any of its shortwave frequencies due to problems with its equipment and also due to the fact that we are reconsidering our entire program schedule for English broadcasts and the best way of utilizing our facilities.

Therefore until further notice Radio 4VEH will not be broadcasting on shortwave and for that reason we realize that we will not be receiving too many reception reports except from the occasional SWL who makes listening to hard-to-get stations on the broadcast band his special hobby.

We want to express to those of our listeners who have faithfully monitored our station through the years and have sent in reception reports from time to time our sincere thanks for your help and interest in our broadcasts. We hope that when our evaluation program has been completed it may be possible some time in the future to again return to the air on shortwave. In the meantime we shall be continuing our broadcasts on the frequency of 840 kHz for our French and Creole listeners here in Haiti and on our 1035 kHz frequency for those who listen to us in the English and Spanish languages in the Caribbean area.

Very truly yours,


Aldean Saufley
English Program Director

This letter, submitted by R.F. Johnson of Ft. Lauderdale, FL, speaks for itself. I hope that this is not permanent. Perhaps a few judicious inquiries will show 4VEH that interest in their SW services is still present.

I would like to thank all 74 reporters this month, and even though the lower bands are pretty poor by now let's hope that things will return to normal soon (i.e., winter conditions on the bands). Remember, you write SPEEDX W/H, I just type W/H. I will be at the Montréal ANARC Convention in July, and I hope to meet many of the SPEEDX brethren while I am there. I also hope to arrange a New York Metropolitan Area DXers meeting soon — watch this space for details. *Chris Hauser* 735
See you in a month!!



SWBC - EUROPE

Editor:
 WADE SMITH
 59 BENOIT STREET
 WESTPORT, MA 02790

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

ALBANIA

- 6200 0145 R. TIRANA: Commentary (333 4/27 Hagewood-TN)(0355 233 4/7 McCurdy-CA)
- 7065 0017 R. TIRANA: Marxist commentary (554 4/25 Lindsey-NJ)(343 4/14 Worrel-ND)(444 5/5 Redman-IL)(444 4/6 Prath-FL)(0120 PP 434 4/13 Hackney-TN)
- 7120 *0300 R. PEKING via TIRANA: s/on, nx, tx // w/ 9780 (443 4/27 Prath-FL)(333 4/3 Stone-ONT)
- 7300 0328 R. TIRANA: IS, ID, nx (434 4/23 Hogan-NC)(222 4/21 Fisher-RI) (*0230 323 4/4 Johnson-FL)(0000 SS 444 5/5 Redman-IL)(*0100 s/on in SS 454 4/24 Jones-VA)
- 9500 1530 R. TIRANA: AA ID & nx (443 4/21 Thompson-CA)
- 9750 0010 R. TIRANA: commentary (232 4/19 Garfield-MA)
- 9780 0300 R. PEKING via TIRANA: nx, mx from China (413 4/30 Schwartz-PA) (543 4/16 Somers-CA)(333 4/23 Rounds-CA)

ANDORRA

- 6230E*0800 R. ANDORRA: tlk in EE, possibly nx but couldn't get an ID (351 4/22 Howell-CA)

AUSTRIA

- 9770 0130 ORF (Austrian Radio): nx, tourist pgm, cooking pgm (434 4/23 Thomas-NC)(333 4/23 Hogan-NC)(433 5/7 Keller-CA)(333 5/7 Andersen-NY)(0350 433 5/6 Redman-IL)
- 15105 0730 ORF: GG ID in EE/GG, mx, OM tlk (232 4/26 Smith-FL)
- 15435 2125 ORF: GG pop mx (444 4/29 Maghakian-NY)
- 17710 1230 ORF: nx, Week-end Review (455 4/15 Fraser-MA)
- 17840 0445* ORF: Culinary pgm (222 4/23 Franzia-CT)

BELGIUM

- 6080 0025 BRUSSELS RADIO & TELEVISION (ORU): Standards of living in Belgium (555 4/21 Birkhaeuser-MA)(433 4/19 Garfield-MA) (433 4/24 Redman-IL)
- 9685 0015 BRT (ORU): Brussels Calling // 6080 (322 5/7 Zilmer-WI)
- 17740 1629 BRT (ORU): Sked, wx, pop mx (333 4/29 Maghakian-NY)

BULGARIA

- 6070 0011 R. SOFIA: nx, mx, Dx pgm (333 4/29 Reiley-MD)
- 9530 0125 R. MOSCOW via SOFIA: tlks (555 4/23 Lindsey-NJ)(2148 R. SOFIA 433 4/14 Franzia-CT)
- 9705 0030 R. SOFIA: wld nx, followed by pop mx (222 4/5 Johnson-FL)
- 9765 2155 R. SOFIA: choir singing (433 4/15 Snyder-NY)(444 4/16 Redman-IL)
- 11750 0432 R. SOFIA: gqys, nx (444 4/27 Maghakian-NY)(322 5/7 Zink-CA) (343 4/22 Smith-FL)(2150 344 4/18 Smith-MA)
- 15135 2030 R. SOFIA: s/on, ID, sked to Africa (434 5/5 Marable-ITALY) (2130 343 4/28 Maghakian-NY)(444 4/29 AB7-CAN)(343 5/3 Hogan-NC)
- 15315 0000 R. SOFIA: nx, mx, Dx info (544 4/21 Andersen-NY)
- 15330 0000 R. SOFIA: mx, cinema in Bulgaria (434 4/25 Ireland-TN) (333 4/29 Maghakian-NY)

CZECHOSLAVAKIA

- 5930 0513 R. PRAGUE: nx, ID, flk mx (242 4/16 Bryan-CA)(444 4/17 Johnson-FL)(0100 444 4/8 Stone-ONT)(554 4/25 Lindsey-NJ)
- 7345 0300 R. PRAGUE: IS, ID, nx (4/7 544 Jechenthal-IL)(444 4/23 Hogan-NC)(554 4/15 Andersen-NY)(353 4/22 Snyder-NY)(333 4/21 Zink-CA)(*2300 333 4/13 Johnson-FL)(0227 333 4/23 Rounds-CA)
- 9540 0140 R. PRAGUE: pop mx, ID (333 4/8 Rounds-CA)
- 11990 0308 R. PRAGUE: nx (322 5/11 Zink-CA)
- 15380 0735 R. PRAGUE: nx (354 3/31 Andersen-NY)

DENMARK

15165 1057 R. DENMARK: Danish, IS, EE/Danish ID's, Danish pgm
(454 5/10 Heath-KY)

FINLAND

9755 2315 R. FINLAND: "Helsinki Calling" (433 5/4 Redman-IL)
(343 4/26 Earhart-PA)
11735 2315 R. FINLAND: "Introduction to Finnish" (323 4/16 Stephenson-CA)
(444 4/7 Andersen-NY)
15105 1430 R. FINLAND: tlk (434 4/9 Earhart-PA)
15265 2300 R. FINLAND: stories from classics // 11800 (433 5/7 Zilmer-WI)
(454 5/7 Heath-KY)(2130 322 5/7 Zilmer-WI)(0625 Finnish 353
4/23 Donly-SC)(0515 FF nx 444 4/17 Bryan-CA)
15330 1320 R. FINLAND: nx (322 4/28 Miller-CA)

FRANCE

9550 0800 R. FRANCE INTERNATIONAL: FF mx (322 4/3 Leistner-CA)
11705 0645 RFI: FF "Paris Calling Africa" (152 4/19 Trautschold-WI)
(343 4/29 Hackney-TN)(353 5/7 Heath-KY)
11745 0620 RFI: FF mx pgm, 11705 // outlets (343 4/29 Hackney-TN)
15135 0641 RFI: FF light mx (333 4/11 McCurdy-CA)
15155 0616 RFI: FF pop mx (444 4/30 Maghakian-NY)
15200 1620 RFI: "PCA" with John Abraham & Monica Celeste, nx, "drumbeat"
(433 4/21 Thompson-CA)
15300 1715 RFI: "PCA", tx on French election (423 3/13 Roper-AL)
(433 4/10 Schwartz-PA)(1605 444 4/9 Keller-CA)(1605 433 4/15
Dalum-IN)
15425 0645 RFI: Description of Brittany (333 4/14 Smith-CA)
Is the time right? wms
15440 1455 RFI: FF Disco mx, some distortion in signal (333 4/16 Willis-PA)
(1755 354 4/22 Snyder-NY)
17580 1620 RFI: PCA, rock mx (434 5/3 Ireland-TN)
17720 1917 RFI: heated discussion (322 5/7 Smith-CA)
17780 1600 RFI: PCA, nx, mx (333 4/21 Andersen-NY)
17850 1625 RFI: PCA pgm (333 4/17 Franzis-CT)
17860 1600 RFI: PCA pgm (544 4/18 Stone-ONT)
17865 1625 RFI: ID then PCA (343 4/16 Bryan-CA)(333 5/1 Grenier-CA)
21580 1580 RFI: FF OM announcer (333 4/16 Willis-PA)(1345 FF 5/6 Earhart)
21620 1630 RFI: PCA pgm (322 4/26 Miller-CA)(444 4/9 Ireland-TN)(343 4/16
Bryan-CA)
30870 1600 RFI: FF ID, FF service to C&E Europe. Barely audible on 15435
but strong here (354 4/8 Hauser-TN)-- 2nd harmonic of 15435

GERMANY, DEMOCRATIC REPUBLIC OF

6040 *0345 R. BERLIN INTERNATIONAL: SS, ID, IS, freqs, nx (343 4/11
Famularo-NJ)
6070 0000 RBI: SS, IS, ID freqs (333 4/19 Garfield-MA)
9500 0235 RBI: SS, nx (343 4/25 Prath-FL)
9730 *0100 RBI: 33rd Anniversary of Liberation (544 5/8 Mellinger-NJ)
(322 4/16 Saade-CA)(444 4/18 Taylor-PA)(333 4/16 Baum-FL)
(433 5/7 Keller-CA)(323 4/25 Angeloni-NY)(444 4/7 Garfield-MA)
11890 0335 RBI: to WCNA w/ nx (poor 4/29 Lobdell-MA)(323 4/23 Hogan-NC)
(544 4/16 Somers-CA)(333 4/30 Zink-CA)(*0330 IS, ID nx 433
4/25 Famularo-NJ)(222 4/26 Stephenson-CA)(0405 cmtry 333 4/16
Owsley-CA)(0415 333 4/28 Stephenson-CA)
15240 1350 RBI: AR, 500 kw to Middle East (343 4/16 Earhart-PA)
21540 1421 RBI: mailbag (443 4/23 Snyder-NY)(433 4/30 Prath-FL)

GERMANY, FEDERAL REPUBLIC OF

3995 0220 DEUTSCHE WELLE: GG, ID, mx (322 4/28 Stone-ONT)(322 4/29
Zilmer-WI)(242 4/26 Fraser-MA)
6145 0200 DW: GG, wld nx (444 4/17 Redman-IL)(323 5/6 Smith-CA)(443
4/16 Bryan-CA)
7210 0217 DW: EE, s/off for pgm to Asia (353 4/25 Prath-FL)
9700 2210 DW: GG, news (444 4/16 Redman-IL)(433 4/19 Willis-PA)
9735 0452 DW: GG, Commentary on child rearing (433 4/16 Bryan-CA)
11795 *0600 DW: GG, s/on to New Zealand & Australia (333 4/29 Hackney-TN)
15320 1230 DW: Mandarin, speech & classical mx (333 4/8 Fraser-MA)
15340 0430 R. LIBERTY: Georgian, talk on Breznev (533 4/21 Jackson-OR)
17780 1930 DW: newscast of African Service (343 4/18 Parsons-FL)
17845 1927 DW: GG, commentary (333 5/7 Smith-CA)
21600 1200 DW: news // 17875 (242 4/29 Zilmer-WI)

GREECE

9760 0220 VOICE OF GREECE: world news (433 5/3 Redman-IL)(2100 Donly-SC)
 9770 0455 VOA via Kavala: "Breakfast Show" (243 4/16 Mellinger-NJ)
 11730 0015 VOG: SS to 0015 then EE news (444 4/13 Schwartz-PA)(Hodsdon
 -MN)(Fisher-RI)(Worrel-ND)(0215 444 Garms-AZ)(Smith-CA)
 17830 1815 VOG: commentary (222 4/6 Smith-FL)

HUNGARY

6105 0300 R.BUDAPEST: IS,nx & request show (454 4/8 Worrel-ND)(Hogan-NC)
 9585 0200 R.BUDAPEST: news,schedule & Hun. poets (333 4/16 Schwartz-IA)
 (Johnson-FL)(Ruggley-IL)
 11910 *0200 R.BUDAPEST: IS, ID,news & Commentary (333 5/11 Zink-CA)
 (Earhart-PA)(Stickle-NY)(Thompson-NM)(Lindsey-NJ)(McCurdy-CA)
 (Rounds-CA)(Hodsdon-MN)(Benjamin-CA)(Stephenson-CA)
 17710 0215 R.BUDAPEST: news (343 4/26 Ireland-TN)

ICELAND

12175 1230 VOICE OF ICELAND: Icelandic, M & W tlk, light mx
 (132 4/30 Birkhaeuser-MA)

ITALY

9575 0115 ITALIAN RADIO & TELEVISION SERVICE: opera mx & nx (323 4/8
 Saade-CA)(Schwartz-PA)((Dein-CA)(Hogan-NC)
 9710 2335 RAI: II. mx (353 4/26 Earhart-PA)(*0100 SS 333 4/20 Johnson)
 11800nf0110 RAI: nx (333 4/29 Zink-CA)(McCurdy-CA)
 11807a 0105 RAI: nx, announces 11810 (423 5/21 W. Smith-MA)
 15315nf0105 RAI: news on Zaire (444 5/23 W. Smith-MA)
 15385 *1828 RAI: II, tun sig s/on 1830, w/ID (444 4/15 Naylor-CA)
 15330 0355 RAI: commentary (333 4/29 Hackney-TN)
 17770t 0530 RAI: mx pgm (433 5/7 Baldwin-NC)
 17795 0404 RAI: nx, light mx, ID, announced // frequencies (353 4/27
 Hogan-NC)(0350 It talks some getting used to Europe being
 a QRM problem at this hour on this band. (Hauser-TN)
 Yes, Italy used to be so regimented,ie.frequencies--no such
 thing as an established frequency anymore. wms

LUXEMBOURG

6090 0000 R. LUXEMBOURG: rock & disco mx with DJ, ID as "Big L" and
 "Sound System" (333 4/25 Fisher-RI)(Lindsey-NJ)(Smith-FL)
 (Donly-SC)(Schwartz-PA)(Redman-IL)
 15350 0440 R. LUXEMBOURG: pop mx, ad after ad (454 5/10 Jackson-OR)
 (Donly-SC)(2340 232 Keller-CA)(2215 454 Heath-KY)(Billier-NJ)

MALTA

6100 0130 DW: wld nx (333 4/5 Willis-PA)(433 4/17 Redman-IL)
 (444 4/2 Macris-MD)(0245 444 4/21 Ruggley-IL)(0244 GG
 323 5/6 Smith-CA)(0341 GG 333 4/16 Bryan-CA)
 9565 *0130 DW: ID, freqs, mx (333 5/7 Rounds-CA)(333 4/25 Stephenson-CA)
 11865 *0130 DW relay: announces as DW Malta relay (454 4/3 Johnson-FL)

MONACO

7105 0601 TRANS WORLD RADIO: nx (222 4/23 Rounds-CA)

NETHERLANDS

9715 2145 R. NEDERLAND: cmtry, DX juke box (444 4/13 Smith-FL)(444 4/15
 Snyder-NY)(555 4/20 Stickle-NY)
 11730 2200 R. NEDERLAND: cmtry Red Cross (343 5/5 Earhart-PA)
 11950 2150 R. NEDERLAND: The "His & Her" pgm hosted by Jerry & Dody,
 pop mx (444 5/2 Andersen-NY)(232 4/6 Rounds-CA)
 15220 1830 R. NEDERLAND: AA, IS, frequency info, nx (444 4/17 Garfield)
 17700 1830 R. NEDERLAND: Happy Station pgm (544 4/15 Stone-ONT)

NORWAY

9550 0200 R. NORWAY: "Norway This Week" (444 4/10 Schwartz-PA)(0000
 Worrel-ND)(0307 Rounds-CA)
 9610 0212 R. NORWA": Tlk on Norwegian Reading Habits (434 5/7
 Andersen-NY)(Thomas-NC)
 9645 0205 R. NORWAY: Norwegian, flk mx (322 4/25 Stephenson-CA)
 11860 *2200 R. NORWAY: s/on, "Norway This Week" (432 4/30 Donly-SC)
 (0403 Zink-CA)
 15175 *1500 R. NORWAY: ID then into Norwegian (442 4/23 Snyder-NY)
 (1624 222 Miller-CA)(1808 3/2 Owsley-CA)(2056 NN 454 Donly-SC)
 333 Ireland-TN)(2205 222 Stone-ONT)(343 Heath-KY)
 (2100
 15345 1500 R. NORWAY: nx in Norwegian 444 4/22 Garfield-MA)
 17795 2200 R. NORWAY: "Norway This Week" // 15175 (343 5/7 Zilmer-WI)
 21730 1620 R. NORWAY: cmtry (333 Garfield-MA)(1410 Hodsdon-MN)(Smith-FL)

POLAND

6095 0200 POLSKIE R.: PP/EE mx, International Children's Day pgm
(323 4/18 Johnson-FL)
7270 0220 POLSKIE R: tlk, mx (333 4/25 Prath-FL)
9525 0215 POLSKIE R: to NA w/ mailbag, ID & into Polish @ 0227
(fair 4/22 Lobdell-MA)
15120 0212 POLSKIE R: ID, schedule then into Polish @ 1015 (343 5/19
W. Smith-MA)(323 4/26 Ireland-TN)(0305 333 Lobdell-MA)
(422 Heath-KY)

PORTUGAL

6025 0300 R. PORTUGAL: nx & mx (434 4/11 Andersen-NY)
9650 0412 DW-SINES: Bulgarian Tuning sig & s/on(QRM jammer "KD"), ID
(322 4/11 Naylor-CA)
9670 *2115 AWR: religious pgm (333 4/18 Franzis-CT)(422 4/11 Stickle-NY)
(2050 IBRA Radio Stickle-NY)
11935 0612 R. PORTUGAL: EE/PP freq given then tlk about Brazil in PP
(333 5/8 Gaede-CA)(0300 543 5/7 Somers-CA)(0520 433 Hodsdon-MN)
(Hackney-TN)(Grenier-CA)(Thomas-NC)(Rounds-CA)
21700 1445 R. PORTUGAL: PP accordian mx (333 4/23 Blaize-LA)(1706
Bryan-CA)(Baum-FL)
21735 1711 R. FREE EUROPE: RR, nx (4/16 Bryan-CA)
23600 1846 R. PORTUGAL: PP, ID, 2 x 11800 (4/26 Hauser-TN)
30710t 1552 R. PORTUGAL: XX, RFE presumes w/ rock mx, 2 x 15355 (Hauser-TN)

RUMANIA

5990 0130 R. BUCHAREST: nx & mx (444 4/13 Schwartz-PA)(443 4/7 Garfield-MA
(433 4/25 Prath-FL)(0400 333 4/12 Earhart-PA)
9530 1505 R. BUCHAREST: nx & mx (322 4/19 Miller-CA)
9570 0200 R. BUCHAREST: nx & mx (322 4/17 Parsons-FL)(444 413 Lindsey-NJ)
11940 0145 R. BUCHAREST: nx (322 4/22 Snyder-NY)(554 4/17 Worrel)(Redman-
IL)(0355 Keller-CA)(Stephenson-CA)(0416 Earhart-PA)

SPAIN

6065 0130 R. NACIONAL DE ESPANIA: nx // 11880 (443 4/11 Fraser-MA)
(Schwartz-PA)(Hagewood-TN)(Stickle-NY)(Taylor-PA)(Miller-CA)
9360 0217 RNE: SS, mx (555 4/23 Lindsey-NJ)(Stephenson-CA)(Redman-IL)
(0045 Thompson-NM)(McCurdy-CA)(0250 Somers-CA)
11815 0221 RNE: SS, 0230 ID & nx (433 4/24 Zink-CA)(Thompson-NM)
(2342 Stickle-NY)(0542 Gaede-CA)
11830 0130 RNE: nx, mx, cmtry they were off frqcy (545 4/25 Fraser-MA)
11880 0230 RNE: nx (544 4/19 Parsons-FL)(Snyder-NY)(Hogan-NC)(Hodsdon-MN)
(Prath-FL)(Stephenson-CA)(Stickle-NY)(Biller-NJ)(Miller-CA)
(Somers-CA)
11945 2258 RNE: SS, tlks & mx (544 5/8 Stickle-NY)(0400 333 Stephenson-CA)

SWEDEN

9590 0030 R. SWEDEN: Holiday mx program (433 5/5 Redman-IL)
9690 2300 R. SWEDEN: nx, mailbag // 11800 (433 5/7 Zilmer-WI)
9695 0235 R. SWEDEN: Panorama (333 5/10 Zink-CA)(Grenier-CA)(2305
433 5/4 Redman-IL)(Rounds-CA)(*2330 232 4/14 Thompson-CA)
9745 0245 R. SWEDEN: IS, ID, mx, cmtry (333 4/8 Garms-AZ)(Snyder-NY)
(Willis-PA)(Saade-CA)(Hogan-NC)
11705 0230 R. SWEDEN: nx (443 5/8 Zilmer-WI)(0130 SS 333 4/23 Miller-CA)
(PP/SW 343 4/24 Earhart-PA)
11800 2300 R. SWEDEN: nx, mailbag (411 5/7 Zilmer-WI)
11845 2125 R. SWEDEN: mailbag to s/off @ 2127 (422 5/21 W. Smith-MA)
11905 0030 R. SWEDEN: nx, mailbag (433 5/8 Zilmer-WI)
17735 1419 R. SWEDEN: "Saturday Show" (444 4/15 Snyder-NY)
15240 1230 R. SWEDEN: nx // 21640 (222 5/7 Zilmer-WI)

SWITZERLAND

3985 0700 SWISS BROADCASTING CORP: nx, Swiss Merry-go-round (454
3/11 Proom-GB)
6045 0427 SBC: IS, ID, nx, "Dateline" (333 4/13 Smith-FL)(Redman-IL)
9725 0145 SBC: "Dateline Thursday" // 6135, 11715, 15305 all good
(555 4/28 Fraser-MA)(Lindsey-NJ)(Redman-IL)(Baum-FL)
(Somers-CA)(Taylor-PA)(0430 Saade-CA)(Bryan-CA)
11715 *0145 SBC: prg to NA // 6135 & 9725 (444 4/16 Franzis-CT)
(Zink-CA)(0431 Grenier-CA)
15305 0145 SBC: to NA, ex 5965 Reception excellent. Another sign of
rapidly rising sunspot count. Many other Europeans could
escape the interference plagued 49 and 31m bands this way
(Hauser-TN)(Zink-CA)(Miller-CA)(Baldwin-NC)
15430 1527 SBC: s/on with ID (454 4/19 Owsley-CA)(Grenier-CA)
17830 0025 SBC: FF mx (353 4/9 Earhart-PA)
21585 1815 SBC: nx, cmtry (333 5/7 Zilmer-WI)(1635 4/16 Bryan-CA) 17

UNITED KINGDOM

5970 0550 BBC: poems read (433 4/16 Baum-FL)
 5975 0323 BBC: cmtry (343 4/16 Bryan-CA)
 6120 0200 BBC: nx (444 4/12 Andersen-NY)
 7200 0330 VOA at Wofferton: Breakfast Show: (322 4/9 Dalum-TN)(545
 4/22 Mellinger-NJ)
 9410 0130 BBC: tlk (555 4/17 Parsons-FL)(Smith-FL)(Hackney-TN)(Rounds-CA)
 (Bryan-CA)
 9915 2315 BBC: "Letter From America" (354 4/9 Fraser-MA)(Bryan-CA)
 15070 1515 BBC: Saturday Special (333 4/22 Grenier-CA)(544 4/20 Garfield-MA)
 (Hackney-TN)
 21710 1430 BBC: Comedy pgm (454 4/16 Fraser-MA)
 24500 1900 BBC: going from Czech to Hungarian with usual theme tune, 4 x
 6125 (4/22 Hauser-TN)
 30140 1730 BBCWS: big band mx, 2 / 15070 (4/8 Hauser-TN)

UNION OF SOVIET SOCIALIST REPUBLICS

6125 0230 R. MOSCOW via L'VOV: nx (333 4/23 Lindsey-NJ)
 7150 2300 R. VILNIUS: cmtry (333 4/3 Johnson-FL)
 7260 0311 R. KIEV via MINSK?: tlk (4/7 Jechental-IL)
 7310 0230 R. MAGALLANES via KALININ: nx (333 4/10 Garms-AZ)
 9450 0025 R. MOSCOW via MOSCOW*: SS, cmtry (433 5/5 Redman-IL)
 9600 0030 R. KIEV: nx (443 4/21 Zilmer-WI)
 9700 0236 R. MOSCOW via SOPHIA*: Moscow Review (433 5/4 Monjure-LA)
 9760 2200 R. MOSCOW via KINGISEPP*: tlk (322 4/19 Snyder-NY)
 9775 0030 R. KIEV: nx, cmtry (333 5/7 Thomas-NC)
 9800 0720 R. MAYAK: RR, IS, mx (444 4/25 Maghakian-NY)
 11720 1725 2nd program MAYAK: ID by mx theme, RR (433 5/7 Smith-CA)
 11770 0255 R. MOSCOW via SIMFEROPOL: tlk (333 4/27 Prath-FL)
 11780 2300 R. VILNIUS: s/on, sked, nx // freq 11790 & 12060 (333 4/22
 Maghakian-NY)
 11990 0545 MAYAK-2nd program: TC each hour, Russian dance mx (454 4/17
 Smith-CA)
 12010 1810 MAYAK-2nd program; RR, live sports broadcast (444 5/7 Smith-CA)
 12060 2325 R. VILNIUS: tlk about examinations (454 5/4 Heath-KY)
 12070 0200 R. MAGALLANES via KIEV*: s/on to Chile as "Radio Magallans",
 the Voice the Fascists cannot keep quiet (544 4/16 Garfield-MA)
 15100 2305 R. MOSCOW via VLADIVOSTOK*: tlk (242 5/7 Thompson-CA)
 15140 1508 R. MOSCOW via RIAZAN*: nx, cmtry (333 4/25 Famularo-NJ)
 15295 0500 MAYAK-2nd program: RR, time signal, ID by mx theme (444 4/25
 Smith-CA)
 15455 1915 R. MOSCOW via SIMFEROPOL: RR?, tlk (353 4/20 Lindsey-NJ)
 15470 2045 R. MOSCOW via ARMAVIR*: wld nx (443 4/16 Redman-IL)
 17825 1030 R. MOSCOW via FRUNZE*: nx (353 5/7 Zilmer-WI)
 17850 1030 R. MOSCOW via ALMA ATA*: nx (353 5/7 Zilmer-WI)
 17870 1300 R. PEACE & PROGRESS: nx (343 4/23 Zilmer-WI)
 21490 1333 R. MOSCOW via BAKU*: nx, cmtry (242 4/8 Dalum-IN)

*site references UEN

VATICAN

6015 0105 VATICAN R.: nx (333 5/2 Hagedood-TN)
 9605 *0100 VATICAN R.: church & religious nx (434 5/3 Thomas-NC)(333 4/19
 Stephenson-CA)(222 4/14 Hodsdon-MN)
 11845 *0100 VATICAN R.: nx (444 4/9 Worrel-ND)(544 5/11 Stickle-NY)(444
 4/14 Earhart-PA)
 15120 2120 VATICAN R.: church nx (343 5/6 Donly-SC)(1645 FF 343 4/20
 Thompson-CA)
 21485 1205 VATICAN R.: review of speech (333 4/27 Hogan-NC)

YUGOSLAVIA

9620 2200 R. YUGOSLAVIA: IS, s/on, nx (353 4/21 Prath-FL)(Ruggley-IL)
 (Redman-IL)(Franzis-CT)(Earhart-PA)

MUSICAL CHAIRS & ESTABLISHED FREQUENCIES

Italy has long been noted for its regularity in schedule and frequency. This spring changed all that and it joined the others in a game of musical chairs with frequency assignments. To North America it is presently using 11810 (but varying from 11800 to 11807*) and 15315 @ 0100.

EDITING OUT TIMES ON LOGGINGS

Peter Rounds wrote that he wished more attention was given to times of individual loggings. It's true that logging 10 to 30 minutes apart are lumped under the first reported to save space. Times far different from the first reported are noted and the same is true for different language.

SWBC DX

AFRICA



Editor: WAYNE OLIVER
P. O. ^D
Pl. SEE BELOW ^{14H} 03865



FEBASE

Seychelles

Radio Television Kaduna

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

I haven't even been doing this column for a year yet and and guess what??? I'm going on a two month vacation!!! Not really though. I'm getting married on Father's Day and our resident editor Bob Butterfield has agreed to take over for me for the next two months while I get settled with my new job and the married life. So for the next two months (June and July) send all loggings, information etc to:

Bob Butterfield
P.O. Box 398
Belmont, MA 02173

Bob will be advising everyone of my new address in the August issue.....
Not really very many loggings this month.....but we do have quite a bit of BBCMS material, so we will use thaton to the loggings.....

ANGOLA

- 5041m 0644 Emisora Reg. de Benguela: (tent.) PP tlks, definite African mx, no ID heard but suspect them from previous reports. Pgm was mostly a man talking and mx, signal not too good (22332 4/13 Trautschold-WI)
- 9535 0540 Radio Nacional: tune-in w/great signals in PP, signal starts to fade around 0550 (343 5/3 Trautschold-WI)
- 9660 1630 RN:EE/vern. tlks, "Voice of Namibia" pgm (332 4/20 Thomps^{CA}on)

ASCENSION ISLAND

- 7105 0257 BBC: IS, ID, Freqs given, TC, World Nx, EE (333 5/3 Thompson^{NM}) (4/16 0400 EE Bryan-CA)
- 9580 0115 BBC: EE tlks on Soviet disarmament (333 5/8 Gaede-CA)
- 11820 0213 BBC: SS cmnty (344 4/12 McCurdy-CA)
- 15260 2225 BBC: EE tlks on France, S. Africa (545 4/30 McCurdy-CA)

BENIN

- 4870 0116 ORTB: Vern. pgm of uninterrupted mx, ID at 0134 (343 4/28 Donly-SC)(4/9 0019 FF Dalum-IN)(343 4/22 2330 vern Hagen-IL) (353 5/9 0415 vern Hagen-IL)(444 4/28 0053 FF Buhagiar-ONT)

BOTSWANA

- 4845 0420 Radio Botswana: Vern anns, Black U.S. soul tunes (fair 4/24 Lobdell-MA)

CAMEROON

- 5010 0505 Radio Garoua: FF OM tlks, ID at 0512 (333 4/15 Naylor-CA)

CENTRAL AFRICAN EMPIRE

- 5038 *0430 La Voix de C.A.E.: IS, ID, mx, FF s/on (353 4/19 Howell-CA) (fair date??? 2258 FF Lobdell-MA)

CHAD

- 4904 0446 RNT: FF anns, african mx (242 4/15 Baum-FL)

CONGO

- 15190 1830 RTC: FF speech by OM, local mx (222 4/11 Jackson-OR)(444 4/17 2145 FF Thompson-NM)(433 4/27 2230 EE Zavatsky-CT)(434 4/16 2130 EE Fisher-RI)(434 4/30 3202 ??? Smith-CA)(454 4/22 2215 FF Hagen-IL)(454 5/4 2115 FF/EE Heath-KY)(343 4/15 2139 EE Keller-CA)(444 5/4 2148 FF Ireland-TN)(344 4/15 2200 FF Seymour-NC)(454 4/2 2100 FF Trummel-IL)(232 5/7 2045 FF Dawson-CA)(433 4/13 2200 EE Pyne-MD) +4 others

EGYPT

6230 0225 Radio Cairo: EE "News from Cairo" (323 5/6 Smith-CA)(323 4/24
0200 EE Fisher@RI)(131 4/20 0217 EE Miller-CA)
9455 0425 RC: AA OM chanting (343 4/16 Bryan-CA)(333 5/18 0440 Oliver-NH)
9475 0230 RC: EE "Images from Egypt" (434 4/24 Thomas-NC)(555 4/27
0317 EE Worrel-ND)(554 4/16 0301 ?? Somers-CA)(554 4/18 0200
EE Garfield-MA)(454 0230 EE Hagen-IL)(454 5/7 0230 EE
Andersen-NY)(222 4/6 2320 AA Rounds-CA)(333 4/30 0315 EE
Kemp-Blair-CA)(444 5/14 0230 EE Oliver-NH)
9850 0426 RC: AA tlks by YL (322 4/8 Rounds-CA)(243 4/16 0512 AA
Bryan-CA)
11630 0524 RC: AA nx by OM (??? 4/16 Bryan-CA)
11715 0145 RC: SS cmnty, ID, 0200 s/off (333 4/12 McCurdy-CA)
15180 1335 RC: AA tlks (343 4/16 Earhart-PA)(333 5/9 1315 AA Oliver-NH)
15255 1800 RC: EE/AA Language lessons (333 4/30 Harada-HI)
15375 2140 RC: EE UN pgm, call to prayer, to Africa (good 4/29 Lobdell-
MA)(333 4/15 2100 EE Marable-Italy)(443 4/29 2130 EE Maghakian)
15475 0533 RC: AA OM nx (333 4/17 Bryan-CA)
17670 1720 RC: AA mx, chants (poor jammed 4/16 Bryan-CA)

GABON

9555 *2330 RTGabonaise: PF ID, mx (333 4/4 Trummel-IL) I suspect this to
be perhaps a test of new external service...wlo

GHANA

4915 2230 GBC: Vern mx, tlks (343 4/29 Lindsey-NJ)(343 4/15 2235 EE
Seymour-NC)(strong 4/20 2306* EE Lobdell-MA)
4980 0600 GBN II: ee tlks, ads (323 3/20 Jackson-OR)
6130 2215 GBC: (Ext. Service) EE w/mx, nx at 2245 (Billor-NJ)

GUINEA

15308m 1900 Radio Nacional: PF ann at 1945, het de 15310 (444 4/8 Jackson)

GUINEA - BISSAU

5041 0702 Radio Nacional: Drum IS PF s/on, nx (222 4/30 Brookwell-CA)
(444 4/26 0610 PP Jackson-OR)

IVORY COAST

4940 2305 RTVI: Caribbean mx pgm, severe QSB after 2330 (352 4/15 Utter)
11920 2130 RTVI: PF mx (444 5/13 Seymour-NC)

KENYA

4934 *0258 Voice of Kenya: Flute IS, s/on, EE nx (good 4/15 Henderson-MD)

LESOTHO

4800 *0400 Lesotho National Bcst. Serv.: vern s/on, ute QRM (322 4/15
Dalum-IN)

LIBERIA

4770 2235 ELWA: EE ID, religous tlks (333 3/30 Zavatsky-CT)(333 4/11
0630 EE Hagen-IL)
6035 0525 VOA: EE World nx (533 4/26 Somers-CA)(333 4/16 0333 EE Bryan)
7280 0705 VOA: EE World News (333 4/29 Hackney-TN)(343 5/3 0330 EE
Thompson-NM)
9740 0500 VOA: EE w/ "Breakfast Show" (444 4/16 Bryan-CA)
11830 *0630 ELWA: IS, ID's in many langs, into Hausa (544 4/15 Howell-CA)
11835 2105 ELWA: AA tlks by OM, 2118* (444 4/16 Donly-SC)
11945 0718 ELWA: AA tlks, hymns, ID (343 4/5 Rounds-CA)
15445 1645 VOA: EE w/mx dedications (333 4/14 Miller-CA) A belated Happy
Birthday Bill!!! Now how many spankings is that????

LIBYA

9500 2247 PRBS: AA political tlks, ID at 2315 (544 4/8 Dalum-IN)(232
4/25 0045 AA McCurdy-CA)
11700 1527 PRBS: AA mx, nx, anns (545 5/3 Thompson-CA)
15100 1515 PRBS: AA chants, anns (343 5/2 Naylor-CA)

MADAGASCAR

3232 0413 Radio Malagasy: FF/vern tlks, ute QRM (fair 4/15 Henderson-MD)
11730 2035 Radio Nederland: EE to Africa (222 4/16 Rounds-CA)
11740 1430 RN: EE s/on, "Happy Station" pgm (312 4/23 Blaize-LA)
also RN is being heard on 17730,17810,17855 and 21640....from Madagascar

MALAWI
3380 *0357 Malawi Broadcasting Corp: Chichewa s/on, ID (442 4/23 Howell-CA)(332 0420 5/6 EE Oliver-NH)

MAURITANIA
4845 0645 Radiodiffusion Nationale: AA OM ID, 0655 guitar mx, 0656 ID, pretty fair signal from their 100kW xmtr (343 4/26 Trautschold-WI)

MOROCCO
7220 0514 VOA: EE w/American nx (333 4/26 Smith-CA)(333 4/12 *0356 EE Naylor-CA)
9540 2000 VOA: EE nx (222 5/9 Gaede-CA)
15360 1931 RTM: AA tlks by OM, mideast mx (222 4/4 Rounds-CA)

MOZAMBIQUE
3210 0306 Radio Mozambique: PP nx (4/14,15 good Henderson-MD)(333 4/11 0350 PP Onken-IL)

NIGER
5020 0535 ORTN: FF ID's, nx at 0600 (352 5/9 Heath-KY)

NIGERIA (See next page for domestic schedules from BBCMS)
3396 0450 NBC-Kaduna: EE s/on, nx (353 5/9 Heath-KY)
4932 2302 NBC-Benin City: ID,NA 2306* (fair 4/23 Lobdell-MA)
5965 2233 NBC-Jos: EE w/mx pgm, ID, 2300 nx (poor QRM de Brazil Lobdell)
6025 2250 NBC-Enugu: EE mx, nx, ID (343 4/17 Mellinger-NJ)(fair 4/26 2305* EE Lobdell-MA)(332 4/27 2235 vern Donly-SC)
6090 2250 Radio TV Kaduna: EE w/local mx, nx (444 4/19 Donly-SC)
7275 0552 VON: EE ID (332 4/23 Rounds-CA)(322 5/8 0618 EE Thompson-CA)
11900 0605 VON: EE ID into "This Week in Africa" (343 4/16 Angeloni-NY)
15120 0730 VON: EE world nx //7275 (353 5/9 Lobdell-MA)

RHODESIA
3396 0355 RBC: Flute and string IS, s/on (322 4/14 Keller-CA)(232 4/11 0358 unid Naylor-CA)(532 4/25 0415 EE Howell-CA)

SAO TOME e PRINCIPE
4807 2241 Radio Nacional: lang tlks, high speed CW QRM (333 4/29 Lindsey-NJ)

SEYCHELLES
9545 1615 FEBA: EE Religious pgms, YL announcer (454 5/7 Harada-HI)
Only logging of FEBA this month!!! Where did they go to???wlo

SIERRA LEONE
3316 0005 SLBS: EE religious pgm, 0015* (343 4/15 Donly-SC)

SOUTH AFRICA
4810 0330 SABC: EE ID, Dixieland type mx (555 4/24 Lindsey-NJ)(343 4/14 0415 EE Parsons-FL)(552 4/30 0446 EE Somers-CA)
4990 0305 SABC: EE nx, ID (4/16 Bryan-CA)
7185 0720 SABC: Afrikaans tlks, mx selections (333 4/29 Hackney-TN)
9585 2230 RSA: EE World News (444 4/15 Willis-PA)(433 4/17 2250 EE Rudolph-AL)(544 4/21 2230 EE Fraser-MA)
9650nf 2230 RSA: EE nx to Nam //5980,9585,11900 (454 5/7 Zilmer-WI)
9710 1130 SABC: (Springbok R.) EE and Afrikaans tlks //11935 (332 4/24 Zilmer-WI)
11800 2230 RSA: EE news, commentary, features (443 4/7 Garfield-MA)
11900 2230 RSA: EE ID, s/on, NA, nx (444 4/4 Jechenthal-IL)(453 4/15 *2100 EE Snyder-NY)(324 4/24 *0600 EE Benjamin-CA)(555 4/14 0435 PF Somers-CA)(443 4/7 2230 Garfield-MA)
11935 1130 SABC (Springbok Radio): EE and Afrikaans tlks //9710 (332 4/24 Zilmer-WI)
15150 2310* RSA: EE "Sunday Service" (444 4/16 Willis-PA)
15220 *0500 RSA: FF s/on, TC, EE ID (333 4/17 Bryan-CA)
21535 1528 RSA: EE interview with a sportswriter, 250kW transmitter (444 4/16 Baum-FL)

I hope all you lucky ones going to Montreal for the ANARC convention have a good time. I will be heading down to PA for my honeymoon, so can't get the time off to head north, but hear it should be fun up there.....

ASIA-OCEANIA

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

DEADLINE: 15th of the month



OCEANIA

FREQ TIME LOCATION

AUSTRALIA

4920 1320 AZ ABC Brisbane: variety of mx, nx (Garns 3/27)(@ 1201 Blaize LA)
5995 1023 NS RA-L: "Countdown" w/ pop mx, requests (Bowen 4/26 444)
9505 1930 CA RA-S: Australian nx (Gaede 5/9 333)
9510 1200 WI RA-S: EE nx to PNG, // 9540 (Zilmer 4/18 444) / (Pecenka IN)
9580 1130 IN RA-S: sprts, "Australian Profile", // 9770 (Fraser)(Garfield MA)
9610 1115 AL ABC Perth: nx, C & W mx (Roper)(Grenier CA @ 1415)(Pecenka IN)
9770 1430 CA RA-S: Australian nx, then mx (Short 5/7 333)
11705 1357 IN RA-S: "Australian Snapshots", ID (Pecenka)(Proom ENG)(Prath FL)
11740 0803 NY RA-S: EE w/ nx (Snyder 4/24 323)(McCurdy CA)
11790 1110 NS RA-S: world nx, "Focus on Aust.", (Bowen 4/12)(Earhart PA)
11825 1257 CA RA-S: Indo MOR mx, 1300 TC, 1329 EE ID (Naylor 4/25 433)
11835 0653 CA RA-S: C & W, rock mx, tlk on TV (Smith 4/17 444)(Gaede CA)
11880 1130 WI RA-S: EE w/ sports rpt, // 11790 (Zilmer 5/6)(Bowen NS)
11950 1130 WI RA: unlisted w/"Australia Tonight", // 9580 (Zilmer 4/24 443)
15140 0340 TN RA-S: nx, mx pgm (Hackney 4/29 232)
15160 0553 CA RA-L: PP w/ DJ type show, TC, EE @ 0600 (McCurdy 5/4 333)
15205 *2326 SC RA-S: Thai w/ IS, EE ID, Thai pgm (Donly 4/16 353)
15230 0627 CA ABC Melbourne: lite popular mx, ID, nx ads, TCs (McCurdy 4/11)
15260 0425 AL RA: tlk on food poisoning (Rudolph)(Hodsdon MN)
15290 0330 FL RA-S: EE s/off (Prath 4/27 444)
15320 0415 TN RA-S: EE w/ mx pgm (Hackney 4/29 323)(McCurdy CA)
15415 *1030 KY RA-C: IS, EE ID, Mandarin pgm (Heath 5/8 343)
15425 0815 FL ABC Perth: Pop mx, ABC ID (Smith 4/4 333)(@ 0735 O'Brien BC)
17725 0630 NC RA-S: mx, nx (Thomas 5/11)(Ireland TN @ 0320)(Smith FL)(Bryan)
17795 0310 AL RA-S: interview w/ Aborigines (Roper)(Pecenka IN)(Grenier CA)
(Stephenson CA)(@ 0450 Ireland TN)(Stone ONT)(@ 0603 McCurdy)
17870 *0128 CA RA-S: s/on w/ mx, tlk, TC, 0200 nx (Naylor 4/16)(Bryan CA)
21455 0245 MN RA: YL/OM tlk, Aust. nx, mx, // 21680 (Hodsdon 4/9) unlisted
21525 0422 CA RA-S: OM nx, ID, pop mx (Bryan 4/17 343)
21680 0120 NY RA-S: omtry, pop mx, // 17795 (Maghakian)(Zilmer)(Thompson CA)

COOK ISLANDS

5045 *0430 MD RCI: EE/Maori w/ "Good Evening everyone, this is the Cook Islands Botng Svce", nx, then island mx, poor mod. (Henderson 4/11)

GUAM

11900 1430 ALB KTWR: EE w/ relig. "Nitesounds", 1500* Pimblatt 5/8 444)
15175t 2203 CA KTWR: Indo w/ MOR mx, OM tlk, heavy QRM (Naylor 4/16 333)
17855 2319 SC KTWR: CC w/ drama, "Moonlite Sonata" mx, ID (Donly 4/22 252)

NEW CALEDONIA

7170 0930 NJ R. Noumea: PP tlk, mx (Mellinger 4/29 343)

NEW ZEALAND

6105 1040 KY RNZ: EE story, ID, freqs, anthem, 1047* (Heath 5/10 353)
11850 0625 TX RNZ: regional nx, Nat. svce (George 4/19)(@ 0626* Benjamin CA)
15130 0530 IL RNZ: discussion on "overstayers" in NZ (Gunn 4/29)(Jones VA)
(Thompson CA)(@ 0445 Smith FL)(Donly SC)(@ 0352 Smith CA)....
15380 0330 NJ RNZ: mx, OM anonts mentioning NZ (Lindsey)(Hodsdon MN)(Zilmer)
17710 0310 MA RNZ: discussion on handicapped rehabilitation (Lobdell 5/8)

PAPUA NEW GUINEA

2340 1240 OR R. W. New Britain: Pidgin ancmts, US pop mx (Bodell 5/13 343-)
2428 1250 OR R. New Ireland: evangelical type relig. mx, Pidgin tlk (Bodell)
2450 1253 OR R. W. Highlands: mx by Don McLean (Bodell 5/13 232)
2468 1256 OR R. Northern: mx, then s/off ancmts (Bodell 5/13 131)/Brookwell
3335 1253 CA R. E. Sepik: Pidgin/EE local/US pop mx, ID, 1305* (McCurdy 5/9)
3385 1145 IL R. E. New Britain: Pidgin w/ EE pops (Onken) @ 0942 Lobdell MA)
4890 1140 ONT NBC: EE w/ pop mx, tlk (Buhagiar 4/22)(Zink CA)(Thompson CA)
9520 0723 NY NBC: pop mx, ads for Yamaha, RHC QRM (Utter 4/25)(Zink CA)

SOCIETY ISLANDS

6235 0811 CA R. Tahiti: FF pop mx, no ancmts (Smith 4/16) @ 0540 Rounds CA)
11825 & 0325 AL RT: FF church svce (Roper)(Tahitian @ 0548 Gaede CA)(Lindsey
15170 NJ)(Buhagiar ONT)(Hodsdon MN)(Earhart PA)(Prath PL)(Donly SC)..

SOLOMON ISLANDS

5020 0757 CA SIBC: EE w/ "Jamboree", 0800 ID, Pidgin nx, ads (Keller 4/15)
9545 0133 NJ SIBC: EE nx, relig. like tlk (Lindsey 4/23 142) any ID, reb.?
(Howell CA)



ASIA



AFGHANISTAN

15365 1131 MA RA: EE ID, nx on coup, name not changed to Kabul R. as press reports have stated; very poor (Lobdell 4/30).....

BANGLADESH

5520 *1230 NJ RB: EE w/ nx, mx (Mellinger 5/6 243)

BRUNEI

7215 1315 CA R. Brunei: EE w/ BBC World nx relayed, YL DJ, requests (Howell 4/15 544)(Keller CA)(CC @ 1022 Donly SC).....

BURMA

4725 1108 CA BBS: OM tlk, in Burmese? (Thompson 4/21 322) or in vernacular?
5985 *1400 CA BBS: EE w/ IS, ID, nx, jazz mx pgm (Howell 4/15 342)

CHINA

3260 1201 CA Guizhou: CC w/ revolutionary tlk by YL (McCurdy 5/9 434)
3340 1152 CA Hailar: Mongolian tlk by 2 OMs, ID @ 1200 (McCurdy 5/9 433)
3970 1305 CA Huhhot: CC YL/OM tlk, then mx (Naylor 4/10 333)
4220 1212 CA Xinjiang: CC w/ a play, // 4750 (Hailar) (McCurdy 5/9 545)
4380 1122 CA Fujian Front Sta. 2: CC YL anor, orchestral mx (Thompson 4/14)
5935 1230 OR Lhasa: Tibetan w/ unusual stringed inst. mx, tlk (Jackson)(Howell CA)
6200 0312 NY R. Peking: EE nx, pgm sked (Snyder 4/22 554) / well CA)
6290 2315 SC RP: CC w/ mx, tlk by YL, ID, 2330 IS (Donly 4/27 333)
6495 1417 CA RP: YL tlk, mx, CW (de JOS) QRM (Naylor 4/17 222)
7025 1410 CA FFS 2: CC tlk by YL, mx (Zink 4/30 322)(Thompson CA)
7080 1107 CA RP: Cantonese tlk, Kazakh noted @ 1400 (Brookwell 4/19 222)
7850t 1045 IL FFS: inst. mx, vocals in CC, no ID (Gunn 5/10 243)
9480 0052 CA RP: SS cntry, "Internationale", 0050*, 0058 IS (McCurdy 4/4)
11100 1343 CA Taiwan Svce: CC OM tlk, YL mx, 1400 TC (Naylor 4/20 242)
11505 *1230 CA RP: RB w/ IS, ID, nx (Thompson 4/21)(Maghakian NY)(CC @ 0942
11630 0046 CA RP: SSB (feeder), PP tlk, bad QRM (Brookwell 4/7) / (Zink)
11650 1255* CA RP: EE tlk on agriculture, ID "Int'l", s/off (Brookwell 4/16)
11685 1202 IN RP: EE cntry on African unity, CC lessons (Pecenka 5/8 353)
15010 1130 ONT RP: FF w/ CC inst. mx (Buhagiar 4/22 443)
15030 1245 AZ Beijing 2: CC w/ Oriental drama (Garms) @ 0634 Zink CA)
15045 1248 IN RP: CC tlk, mx (Pecenka 4/16)(EE @ 1620 Smith CA)(Grenier CA)
(EE @ 1730 Stephenson CA)(SS @ 2338 Pimblett ALB).....
15060 0040 MD RP: EE mx, nx, s/off, then on again (Reiley)(Baldwin NC)(Ear-
15080 1530 CA RP: EE cntry on life in CC, mx (Thompson 4/28 333) / hart)
15095 1556* CA RP: CC choral mx, tlk, off suddenly (Thompson) @ 2202 McCurdy)
15305 0408 CA RP: EE nx, tlk on Law of Sea conf., mx (Zink) @ 0454 Smith CA)
15510 2350 MA RP: SS w/ classical mx, ID, "Int'l", s/off (Fraser 4/4 454)
15520 0120 TN RP: EE w/ political cntry, lang, pgm (Ireland 4/24)(Bowen NS)
15790 1500 MA RP: EE ID, nx, cntry to India (Lobdell 4/15 --3)
17675 0150 ONT RP: EE agriculture in China (Stone 4/22 333)
17705 0100 NY RP: IS, s/on, tlk by YL/OM in u/lang (Maghakian 4/30 343)

CYPRUS

9575 2213 MA CBC: IS, GK ID, nx on Egypt/Israel (Lobdell 4/29)(Buhagiar ONT
15420 0528 CA BBC: EE nx headlines, Big Ben (Bryan 4/17) @ 0455 Maghakian NY
17885 1200 WI BBC: EE world nx, // 21660 (also Limassol) (Zilmer 4/29 222)

Cyprus Broadcasting Corporation

INDIA
 4820 1350 OR AIR Calcutta: Hindi w/ subcont. mx, nx? (Jackson 4/26 251)
 9630 *0500 CA AIR Bombay: IS, u/lang OM/YL tlk (Howell 4/16) any ID, reb.
 9912 2200 MA AIR: EE nx, features, cmtry, mx (Garfield 4/12 333)
 11725 1135 WI AIR: EE state/development nx, 1140 abrupt off, // 11855 (Zimer)
 11810 1403 CA AIR: EE recipes, mx, tlc (Keller 4/9 433)(Buhagiar ONT)

INDONESIA
 3120 1258 OR RRI Dili: Indo pop mx, ancmts, "SCI", TPs, ID, nx (Bodell 5/13)
 3414 1304 OR RRI Medan 2: Indo nx, brief mx, ads? (Bodell 5/13 242)
 3484 1315 OR RKPDK TK2 Pamekasan: weak w/ Indo mx, YL ancmts (Bodell 5/13)
 4698 1120 OR RKIP Surabaya: Indo pop mx, tlc, nx (Jackson 4/27 252)
 4719 1150 LA RRI Ujungpandang: island mx, TPs, nx (Blaise 4/11)(Thompson CA)
 4752nf 1334 OR RRI Ujungpandang: lol nx, ID, Indo pops, not on 4719 (Bodell)
 4875 1048 CA RRI Sorong: Indo YM w/ tlc, good local pop mx (Thompson 4/14)
 7108 1500 OR VOI: Thai w/ Indo pop/trad. mx, // 11789, 1529 Indo (Bodell)
 11789 1416 CA VOI: EE nx, pop mx (Grenier 4/29)(O'Brien BC)(Thompson CA)

IRAN
 9022 0040 NM VOI: orch. mx, Persian mx, Farsi tlc (Thompson 5/5)(Hackney TN)
 15084 2356 CA VOI: Farsi tlc, Persian mx (Keller 4/15 333)(@ 0245 Stone ONT)
 (@ 1427 Thompson CA)(@ 1700 Donly SC)(@ 2043 Lindsey NJ).....

IRAQ
 3243 0420 MD RB: AA mx, OM ancor, fair to poor, path favored E. Africa (Henderson 4/15)
 9745 1930 SC RBI: FP s/on, IS anthem (Donly)(EE @ 2134 Pyne MD)(Prath FL)
 (@ 2150 Ireland TN)(Pecenka IN)(@ 2200 Schwartz PA)(Snyder NY)
 11925nf 0300 CA RBI: EE nx, mailbag, mx, AA lang lesson, repeat of 2130 (Dein daily)(Bowen NS)(Lobdell MA)(@ 0351* Trautschold WI) ex 11905

ISRAEL
 7412 0500 AZ IBA: EE w/ IS, ID, world nx by OM (Garms) / (Snyder NY)
 9815 2240 PA IBA: EE rpt on invasion into Lebanon (Willis 4/15)(Hodsdon MN)
 11655 2000 MD IBA: last pgm of "30 Yrs Ago This Week" (Diamond 5/8 323)
 (Hodsdon MN)(@0500 O'Brien BC)(FF 0515-30 Bryan CA).....
 11960 0502 CA IBA: EE nx, wx, press review (Grenier 4/7 222)
 15415 1429 CA IBA: RR w/ TC, mx @ 1445, jammed (Naylor 4/19 131)
 15460 0400 CA IBA: RR w/ cmtry, mx (Stephenson 4/18 333)
 15485 2230 WI IBA: EE nx, cmtry, // 9435, 9815, 11655, 17685 (Zilmer 5/7)
 15530 1200 WI IBA: EE nx, cmtry, wx, ads, // 11655, 15405, 17815 (Zilmer 5/7)
 21495nf 1200 WI IBA: EE nx, ex 21500, // 11655, 15530, 15405, 17815, 17685 (")
 25605 1541 FL IBA: RR? tlc by YL (Baum 4/16 454)

JAPAN
 3910 1113 CA FEN: EE inst. mx, "Fibber McGee..", // 6155 (Thompson)(Howell)
 5990 1000 OR RJ: EE nx, "Current Topics", "Let's Learn JJ" (Chan 4/18 343)
 (Lobdell MA)(Prath FL)(Blaise LA) not in use during J-1978)
 6115 0846 CA NSB: JJ tlc by 2 OMs/YL, IDs @ 0845, 0900 (McCurdy 5/6 555)
 9505 1000 MA RJ: GOS to NA, ex 5990, EE pgm (Lobdell 5/9)(@ 1300 Pecenka IN)
 9595 0744 WI NSB: JJ tlc mx interludes, ID (Trautschold)(Zink CA)(McCurdy)
 9675 *1045 KY RJ: IS, Indo pgm w/ EE/JJ IDs (Heath 5/8 353)
 11705 1600 CA RJ: Swahili ID, tlc, mx (Miller 4/29 322)
 11815 *1400 IN RJ: EE w/ IS, IDs, nx (Pecenka 5/9)(Thompson CA)(Pimblett ALB)
 11875 *1200 IN RJ: RR w/ IS, ID, OM nx (Pecenka 4/15)
 15105 0305 MN RJ: EE pgm (Hodsdon)(@ 1612 Smith CA)(@ 2200 Pimblett ALB)
 15195 0150 MN RJ: EE YL w/ vocals (Hodsdon 4/20 322) RADIO JAPAN
 15235 1030* CA RJ: EE w/ world nx, ID (Rounds 4/22 232)
 15420 0216 CA RJ: EE w/ JJ lesson (Zink 4/21) this and 15270 no longer used
 17725 0130 VA RJ: EE w/ DX nx, nx, mx (Jones 4/23 434)(Stone ONT)
 17825 0200 CA RJ: EE nx, // 15195, 17725, 17755, 0230* (Taocoma 5/6 444)(Bowen NS)(Grenier CA)(Ireland TN)(@ 2345 Zilmer WI).....
 17880 0402 CA RJ: EE w/ Asian nx, current affairs (Grenier 4/25 333)

KAMPUCHEA
 11942 1330 OR RDC: Khmer tlc on Viet., local mx, // 4908 (stronger)(Jackson 4/25)

D. P. R. KOREA
 4770 *1400 OR R. Pyongyang: KK w/ IS, "Song of General Kim..." (Jackson 4/24)
 7205m 1630 HI RP: EE YL w/ cmtry on Seychelles, 1648* (Harada 5/7 433)
 9420 0728 JPN RP: EE w/ mx, cmtry on oil crisis, 0748* (Suzuki 5/7 332)
 9977 1228 IL RP: EE nx, ID, 1251* (Hagen)(@ 1025 Blaise LA)(@ 1130 Utter NY)
 11532 0030 AZ RP: EE ID, YL nx of Mideast, mx (Garms)(@ 0915 Zink CA)(@ 1100 Buhagiar ONT)(@ 1508 in AA Naylor CA).....
 11778 1400 IL RP: FF nx, cmtry (Ruggley 4/21)(FF @ 0505 Suzuki 5/7 JPN)

REP. OF KOREA

9525 1000 MA RK: EE s/on, nx, // 9580 (Lobdell 4/22)(Smith FL)
9640 *1600 CA RK: EE w/ letter from Chris Lobdell (Thompson 5/8)(Grenier CA)
9650 1145 SC RK: EE w/ "Dateline", pgrm sked, 1200 KK, // 11965 (Donly 5/1)
9720 1615 CA RK: EE interview, ID, s/off (Kemp-Blair)(@ 1800 Suzuki JPN)
11860 *1128 NJ RK: EE nx, tlk on anniv. of People's Homeland Reserve (Mellinger
11965 1130 WI RK: EE nx, cmtry (Zilmer 4/26 433) / 4/1)

KUWAIT

12085 1900 NJ RK: US pop mx, ID (Lindsey 4/30 343)(Prath FL)
15345 0515 SC RK: EE pop hits, YL ancr, 0529 ID (Donly 4/17 353)

LAOS

4652a 1310 OR Houa Phan R.: Lao tlk by YL, some mx, not RPKD Simalungun
4700 1030 CA Xienghouang? w/ Lao tlk, MOR nx, ID, CW QRM (Howell 4/22 242) (Jackson 4/27)

LEBANON

11825 0230 NJ RL: EE nx, Baoh pgrm (Mellinger)(Lobdell MA)(Zink CA)(PF @ 0127 Bowen NS)
15440 2012 SC RL: FF tlk, 2030* w/ anth, 0000 AA, 0035 SS, 0106* (Donly)

MALAYSIA

5965 1420 OR RM Kuala Lumpur: BM tlk, EE ID, // 9515, 9710 (Bodell 5/17)
6025 1415 OR RM KL: assumed the one w/ CC YL tlk (Bodell 5/17 322)
6100 0842 CA VOM: Thal YL tlk, piano mx (Dawson 4/11) not listed this time
7125 1415 CA VOM: EE YL nx, pop vocals, ID, 1430 lang lesson (Thompson)
7295 1400 CA RM Penang: EE nx, pop mx (Grenier 5/7 434)
15280 1020 CA BBC Tebrau: EE tlk on Parliament, ID (Rounds 4/22 333)
15295 1650 CA VOM: AA nx of SEA (Stephenson 4/16 323)
15310 1735 NY BBC Tebrau: EE w/ "Letter From America", world nx (Utter 4/24)
15435 2045 NC BBC: EE w/ "Jolly Good Show" (Baldwin 4/13 444)



Sarawak

4835 1215 LA RMS Kuching: Bahasa Malay tlk, mx (Blaize 4/11)(Thompson NM)
4950 1406 CA RM Kuching: EE nx, TCs, pop mx (Grenier)(CC @ 1225 Thompson NM)
5030 1308 CA RMS Kuching: vern./EE translations of trade rpts (McCurdy)
6060 1345 OR RMS Sibn: OM w/ vern. spch, // 3385, 4895, 5005, 7270 (Bodell)
7145 1356 OR RMS Kuching: BM w/ Malay pop vocals, thru jammer (Bodell 5/17)
7160 1400 OR RMS Kuching: EE w/ OM, // 4950 (Bodell 5/17 333)
7270 1440 CA RMS Kuching: BM w/ pop vocals, Qu'ran, tlk, 1500* (Thompson)

MONGOLIA

12070t 1219 NY Ulan Bator Radio: IS?, EE tlk (Maghakian 4/10 131)

PAKISTAN

11672 1357 IN RP: Urdu w/ Pakistani mx, tlk, 1401 ID by YL (Dalum 4/15 342)
15115 1100 KY RP: EE OM reading slo-speed nx, ID (Heath 5/8 353)
15325 0157 MA RP: EE ID, Indo pgrm, fair (Lobdell 4/22)
17665 1100 NJ RP: EE w/ slo-speed nx (Mellinger 4/16 243) / yan CA)
17830 0230 TN RP: EE OM w/ nx, pol. cmtry (Ireland)(Lobdell MA)(@ 0445 Br-
17845 0215 ONT RP: EE ID, nx, Eastern mx, to Indo (Stone 4/22)(Lobdell ONT)
21590 0229 NY RP: IS, S/on nx, // 17830 (Maghakian 4/22)(Lobdell MA)

PHILIPPINES

7225 1230 NM PEBC: CC vocals, tlk, orch. mx, relig. hymns, ID, JJ @ 1300 (Thompson NM)
9530 1311 CA VOA: Viet OM/YL tlk, 1400 EE ID (Naylor 5/2 444)
9555 1512 CA VOA: CC tlk, nx?, cmtry, 1530 ID (Miller 4/21 333)
9590 1412 CA R. Veritas Asia: EE w/ topical pgrms (Miller 4/19 323)
9605t 1309 CA RVA: Telugu w/ YL tlk, heavy QRM, no ID (Naylor 4/18 333)
11725 0100 JPN RVA: EE mx, tlk, book review, Indian lang @ 0200 (Suzuki 5/10)
11765 0943 NS PEBC: EE cmtry on SEA/US relations, "On the Move" (Bowen 5/1)
11850 0834 CA PEBC: EE nx, "Guidelines", IDs, // 11765 (Zink 4/26 333)
11955 1400 IL RVA: EE w/ ID, relig. cmty, tlk on PI (Onken 4/16)(Grenier CA)
15155 1630 CA VOA: AA? w/ cmtry, Philippines ID @ 1700 (Smith 5/7 444)
15170 1415 CA RVA: EE w/ "New Sounds", ID, nx, // 11955 (Kemp-Blair 4/22)
15440 1530 CA PEBC: EE s/off of EE pgrm (Stephenson 4/30 333)(Kemp-Blair)
17810 0436 CA PEBC: EE w/ ID, OM nx of Asia (Bryan 4/17)(Naylor CA)

SA'UDI ARABIA

21520 1642 CA BSKSA: AA OM ancr, mx, chanting (Bryan 4/16 322)



SINGAPORE

5052 1350 CA R. Singapore: EE w/ "The World of Sound", TC, ID (Thomson)
6165 1240 OR RS: Bahasa Malaysia w/ pop mx, tlk (Jackson 4/26 333)
7170 1205 OR RS: Tamil w/ subcont. mx, tlk, chimes (Jackson 4/27 454)
9635 1530 CA RS: CC YL w/ classical mx (Thompson 5/6)(Jackson OR)
11940 1530 OR RS: EE nx by YL, pop mx (Collins 5/9)(@ 1430 Kemp-Blair CA)
(Thompson NM)(O'Brien BC)(@ 0947 Rounds CA).....

SRI LANKA

Sri Lanka Broadcasting Corporation

9720 1235 IL SLBC: EE mx prgm, 1300 nx, YL ancr (Hagen 4/20 352))
 11800 0827 CA SLBC: u/lang tlk, OM ID, mx, 0830 covered by other sta. (Howell)
 11835 1130 NS SLBC: EE conselling prgm, anth, s/off, // 15120, 17850 (Bowen)
 15120 *1026 MA SLBC: IS, EE ID, pop mx, // 11835, 17850 (Lobdell 4/20)
 15185 0109 FL VOA Colombo: EE nx (Baum 4/29 353)(Mellinger NJ)
 15425 0045 MA SLBC: EE w/ pop mx, disc0 mx, ID @ 0100 in All Asia Svce
 Broadcasting (Birkhaeuser 4/21 323)(Donly SC)(Heath KY)(@ 0159 Bowen NS)
 Corporation (Hodsdon MN)(@ 1430 Biller MD)(@ 1640 Thompson CA).....

TAIWAN of China

11860 1330 IL V. of Free China: CC songs, soap opera? (Ruggley 4/21 343)
 15345 0638 CA VOFC: Viet w/ nx of Japan by OM, ID @ 0645 (McCurdy 4/11 433)
 17800 2335 NS VOFC: SS ID by OM, cmtry of day, 2350* (Bowen)(Donly SC)
 17890 0156 CA VOFC: EE/Cantonese w/ mx, ID, then into Cant. (Naylor 4/11 242)
 (@0340 Zink CA)(Stephenson CA)(@ 2140 Rounds CA).....

TURKEY

7170 2215 ONT V. of Turkey: EE w/ Turkish pop mx, "DX Corner" (Buhagiar 4/20)
 9515 2143 NY VOT: EE tlk on UN, Turkish proposals (Snyder ??? 453)(Baldwin
 NC)(@ 2215 Earhart PA)(@ 2255 Smith FL)

MOCKBO

U. S. S. R.

3995 1134 CA Nikolaevsk: RR vocal mx (Thompson 4/14 333)
 4485 1030 CA R. Tikhy Okean, Petropavlovsk Kamchatskiy: RR drama, ID, mx
 (Howell 4/23 554).....
 5015 1302 CA Vladivostok: RR lite popular mx, IDs, Mayak prgm (McCurdy)
 11720 0720 CA R. Moscow via Khabarovsk: EE w/ mx, prgm, RR vocals (Gaede)
 15100 2331 ALB RM via Khabarovsk: EE cmtry (Pimblett 5/8 544)
 15140 2123 CA RM via PK: EE tlk on young socialists, also 0550 (McCurdy)
 15175 1033 CA RM via Irkutsk: u/lang tlk, OM/YL nx @ 1100 (Brookwell 4/19)
 15425 0315 FL RM via PK: EE tlk, mx (Prath 4/27)(@ 0405 Hodsdon MN)
 17860 2300 CA Khabarovsk w/ R. Kiev ID, RR ancrs, songs, 2328 ID, IS. 2330
 R. S. Rodina ID. IS, RM 5th prgm // 17870. 0030 Mayak prgm w/
 ID, TC @ 0100. 0130 RM ID into "Golos Rodiny" prgm w/ chimes,
 new IS, RR tlk, repeat of chimes IS @ 0200 into R. S. Rodina
 IS, ID, RR tlk to 0258* (Brookwell 4/14 333 to 222).....
 17870 2300 CA Khabarovsk w/ R. Vilnius ID, IS hrd over VOA Monrovia, then
 into EE to NA. 2330 R. S. Rodina ID, IS into RM 5th prgm in
 RR, // 17860. 0030 R. Kiev IS, ID to EE prgm to NA w/ Ukra-
 nian Panorama". @ 0058 gave freqs for next EE @ 0300 as 17860,
 9580, 7400, 7215, 5980. 0100 R. Vilnius ID, 2 trumpet IS, into
 Lithuanian prgm to NA, to 0130* (Brookwell 4/14 333 to 222)..

RADIO KIEV

Kirghiz S. S. R.

17835 1634+ CA Frunze (UHN) w/ fade in @ 1634, strong by 1948, fading to
 0055*. Mostly RR tlk, but CC heard before s/off. No ID, IS,
 TC. Nx @ 1700, hard rock mx (Brookwell 4/20 333 to 222).....

Uzbek S. S. R.

15460 *1400 IN R. Tashkent: EE ID, nx, cmtry (Pecenka 5/8)(@ 1200 Zilmer WI)

VIETNAM

4099 1209 CA Hanoi: Viet nx, cmtry on Cambodia (McCurdy 5/9) nf?, reb.
 4770 1335 OR R. Son Lai: Viet tlk, mx, killed by Korea @ 1350 (Jackson 4/24)
 4943 1435 OR Hanoi 1: Viet tlk by OM, mx, // 6450, 10060 (Jackson 4/24 353)
 6165 1410 OR R. Ho Chi Minh City: Viet tlk, traditional mx, relay Hanoi nx,
 ID "Viet Nam, Phat Tu Thanh-pho Ho Chi Minh..." (Jackson 4/24)
 6260t 1150 OR R. Cao Lang: Viet tlk by OM (Jackson 4/27 242)
 6425 1230 OR Hanoi 2: Viet mx, tlk, // 7415, 10225 (Jackson 4/26 343)
 7080 1330 OR R. Bac Thai: Viet w/ lively mx, laughing (Jackson) listed 7085
 7512 1410 OR Voice of Vietnam via Tay Nguyen: Lao w/ political tlk, // 9840,
 apparently carries VOV all the time (Jackson 4/21 444).....
 10040 2100 NJ VOV: EE w/ editorial on Viet., local mx, nx of Vietnam from
 2030 to 2125 (Biller 4/27)(@ 1030 Blaize LA)(@ 1500 Howell CA)
 10060t 1025 LA Hanoi 1: Viet w/ Oriental mx, tlk (Blaize 4/26)(Thompson CA)
 10225 1305 AZ Hanoi 2: Viet tlk by YL (Garms)
 12035 1128 CA VOV: SS tlk on Cuba, speech by Castro (Brookwell 4/19 333)
 14990v 1900 OR VOV: FF nx, cmtry, cultural prgm, revolutionary mx, 2027*.
 heard only for this best, // 15012 (Jackson 4/27 433).....
 15009v 2030 RI VOV: EE w/ world nx, cmtry, OM ancr (Fischer 4/26 222)(EE
 @ 1830 Donly SC)(O'Brien BC)(Rounds CA)(FP @ 1700 Buhagiar)
 ONT)(Miller CA)(Viet @ 1236 Pecenka IN)(u/lang @ 1612 Pimblett

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

AUSTRALIA - major changes in HA's sked for J-78 (effective to 03 Sept.) include these new frequencies listed: 9510 (1130-1730); 9770 (1000-1600); 11275 (C) (1500-1700); 11835 (0630-1000); 15180 (2300-0100); 15415 (1030-1500)... these freqs are no longer listed: 9550; 9560; 9670; 9700; 11705 (Canarvon only); 11720; 11855

CHINA - Although it will still be announced as Radio Peking, the external service from Peking is now known as "International Broadcasting Station of the People's Republic of China".....Peking's Taiwan service in Amoy, Hakka, and Mandarin is: 3360 (2000-0130, 1000-1900); 3830 (2000-2129, 1436-1900); 4770 (2000-2159, 1416-1900); 6125 (2000-2314, 1115-1900); 6790 (2000-0014, 1000-1900); 9170 (2130-0610, Su. to 0705, 0830-1435); 11100 (2200-0610, Su. to 0705, 0830-1415); 15710 (2315-0610, Su. to 0705, 0830-1114); 15880 (0015-0610, Su. to 0705, 0830-0959).....
Fujian Front Station (FFS), operated by the People's Liberation Army is scheduled FFS 1 (in Mandarin) on 2490 (1415-0000); 3000 (1444-2310); 3535 (1600-2233); 3640 (1600-2233); 4045 (1000-0530); 4330 (1415-0000); 5240 (1000-1559, 2234-0530) 5265 (1000-1559, 2234-0530); 5900 (1000-1443, 2311-0530); 6765 (1000-1414, 0000-7850 (1000-1414, 0000-0530).....FFS 2 (in Amoy, except Mandarin (0745-0930)): 2600 (1515-1900); 3200 (1400-1900); 3300 (1515-1900); 3400 (1400-1900); 3900 (1515-1900); 4140 (1121-1900); 4380 (0230-1900); 4840 (0230-1900); 5120 (0230-1900); 5770 (0230-1119); 6000 (0230-1514); 6400 (0230-1514); 7025 (0230-1514); 7280 (0230-1359); 8195 (0230-1359).....the domestic service. Beijing 1 is listed: 3220 (2000-2200, 1303-1735); 4460 (2000-2300, 1018-1735); 5320 (2000-0100, 0933-1735); 7935 (2000-2330, 1043-1735); 9080 (2000-2300, 2303-1015, 1133-1735); 11330 (2203-1300); 12420 (2303-0430, 0733-1130); 15550 (0103-0930); 15590 (2333-1040).. Beijing 2 is: 3290 (2100-2240, 1203-1700); 4250 (2100-0000, 1033-1700); 5075 (2100-0100, 0903-1700); 7190 (0003-1030); 10260 (2243-1200); 12200 (0103-0900) the last three items were used by permission, BBC Monitoring Service.....in addition new freqs have been noted for B 1 on 3660; 6195; 7615 (Nagase in FEDXR via DSWCI).....now some notes on regional stations, Lanzhou, Gansu on 4865 continues in Russian after listed 1600* (Rikard Johansson, DSWCI); Lhasa, Zizang is on 3917, 4035, 5261, 9490, 9655 for Tibetan service and 5935, 6070 (irreg.) 7085 (irreg.) for Chinese service; Changchun, Jilin is no longer on 3310, now noted on 6070; Fuzhou, Fujian is on 2200, 2340, 4975, 7165; a weather broadcast station, presumably for Anhui Province, is now on 4045 (0800-50)... these items from Nagase in Far Eastern DX Review, via Danish Short Wave Clubs International

INDIA - AIR Bombay has been observed on 4842 past listed 1830* on a Sunday (Rikard Johansson via DSWCI)

INDONESIA - According to the English language newspaper "The Indonesian Times", the Governor of Central Kalimantan announced that a large studio will be built in Palangkaraya during 1978/79 for Radio Republik Indonesia. The Governor added that the Palangkaraya transmitter had already increased its power from one to 10 kilowatts.....changes in times of the evening transmission of Voice of Indonesia puts the new sked as follows, on 7108, 11789; (0900-1000) in Indonesian; (1000-1100) in Bahasa Malaysia (not checked); (1100-1200) in Chinese (not checked) (1200-1300) in Japanese; (1300-1400) in French; (1400-1500) in English; (1500-1530); (1530-1600) in Indonesian; (1600-1700*) in Arabic.....RRI Jayapura is back on 4980 (ex 4994v) (Wakisaka in FEDXR)..... RRI Sorong has an English programme, 1230v-1300, Saturdays (Ishida in IDXR).....RRI Jakarta has three programmes, Programa Nasional on 4805, 6045, 15202; Programa Khusus on 3277, 4774; and Programa Kota on 2452.....Wakisaka in FEDXR.....

IRAQ - Radio Baghdad International (the external service) now has Persian (Farsi) (0730-1030 and 1600-1900) and Urdu (1300-1400) on 11725 only. Voice of the Masses domestic service from Baghdad has moved to 11925.....BCCMS

ISRAEL - Israel Broadcasting Authority's external service in English and French is as follows to 03 September: (0500-15 English, 0515-30 French) on 9835, 11655, 11960, 15105; (1200-30 English, 1230-1300 French) on 11655, 15405, 15530, 17815; 21495; (2000-30 English, 2030-2100 French) on 9009, 9425, 9815, 11655, 12685; (2200-30 French, 2230-2300 English) on 9435, 9815, 11655, 15485.....the Hebrew Home Service broadcasts as follows: (0400-0610) on 9815, 12077, 15545, 17630; (0610-1815) on 12077, 17630; (1815-2000) on 12077, 15530, 17630; (2000-2300) 11625, 12077, 15545, 17630; (2300-15) on 9435, 9815, 11625, 11655, 12077, 15485. 15545, 17630.....BCCMS

JAPAN - Far East Network shortwave outlets on 15260 and 11750 were off air in late April, possibly in conjunction with the move of FEN studios from the Asaka base to Yokota base.....FEDXR

DATELINE CONTINUES -----

D. P. R. KOREA - the domestic service is now: Korean Central Broadcasting Station (KCBS) on 2850 (1958-1800); 3015 (1500-1800); 6290 (1958-0930); 6600 (1958-0930, 1500-1800); 11350 (1958-1800).....local stations broadcast local programs 1100-30 only.....and Radio Pyongyang on 3320 (1958-1800); 6250 (1958-0930, 1500-1800); 6400 (1958-0930, 1500-1800).....via DSWCI.....

REP. OF KOREA - Radio Korea's Mideast and African Service has been retimed to 1630-1930 (ex 1500-1700) with Arabic at 1630, Korean at 1700, Arabic at 1900, all on 7550; there is an additional service at 0800 in Arabic and 0830 in Korean (Hayashi in FEDXB).....Radio Korea has also been noted on 14900 (0800-1030), possibly a harmonic of 7450.....BBCMS

KUWAIT - The morning programme in English of Radio Kuwait on 15435, 9650 is now broadcast from 0400-0700 instead of 0500-0800.....BBCMS

LAOS - A regional station in Paksé broadcasts in Lao and Lao Soung on 6600 (2300-0130, 0400-0600, 1030-1330).....(BBCMS).....Houa Phan regional is on 4222 and 6203 (*1025-1155*, 1255-1425*).....a new station has been noted on 6599 (1030-1330*), relaying Vientienne (1200-30), another new station, possibly Savannahet is on 7383 (+1130-1400*).....FEDXR

MALAYSIA - Voice of Malaysia/Suara Malaysia, the external service of Radio Malaysia, has this sked: English on 6175, 9750, 15295 (0625-0855); Indonesian on 6175, 9750 (0900-1600); Mandarin on 1900 (1100-1300); Thai on 6100 (1315-1445); Arabic on 15295 (1530-1655); Indonesian on 6175, 9750 (2200-0000).....BBCMS

PHILIPPINES - A station calling it self "Voice of Love" has been heard recently broadcasting on 9715 from 1230-45. It broadcasts FEBC's German programme, with English ID announcing studio at Iba, and using FEBC's call sign DZF-5. But it uses a different transmitter than FEBC since it was covered by the FEBC carrier which signs on in Japanese at 1300.....Hayashi in FEDRX

SRI LANKA - The external service of the Sri Lanka Broadcasting Corporation is: English (0030-0230) on 6005, 9720, 15425; (0230-0430) on 9720, 15425; (1030-1130) on 11835, 15120, 17850; (1230-1730) on 6075, 9720, 15425; (1845-1945) (test transmission) on 11870, 15115, 15120, 17850.....Hindi (0030-0430) on 7190, 11800; (0430-0830 Sundays) on 7190, 11800, 15120; (0630-0830) on 7190, 11800, 15120; (1330-1730) on 7190, 11800).....Tamil (0830-1100 and 1100-1330) on 7190, 11800 (Colin Miller via DSWCI).....

VIETNAM - Thanh Hoa regional is on 4883 (1030-1100).....Quang Ninh on 4708 and Binh Tri Thien on 4680 have not been heard recently....Hanoi Home Service 1 is listed now as 2155-1605 (ex 2055-1645) on 3998, 4946, 6450, 7375, 10060 and Hanoi 2 is (2225-1545) on 6430, 7416, 10224.....Isao Ugusa, PEDXR via DSWCI

PUBLICATIONS - A six page list of frequencies of Vietnamese stations heard between 1972-78 is available for 2 IRCs overseas air mail (in Japan 300 Yen in postal stamps, plus SAE (self sealed)) from Isao Ugusa, 1-3-10 Mikage-jamate, Higashinada, Kobe 658, JAPAN.....

those who are seriously interested in Indonesian DXing might want to subscribe to the Indonesian DX Review, c/o Satoshi Wakisaka, "Yuzan-soh" No. 20, 11-15, Kasuga 1-chome, Ibaraki-city, Osaka 567, JAPAN, the price is 15 IRCs for 12 issues, overseas air mail.....Wakisaka does an excellent job on this pub.

BBC LONDON CALLING - to keep up on the latest programmes from the BBC subscribe to BBC London Calling, now \$10 (\$7 in Europe), but expanded from the earlier editions which were free. Send check or money order to London Calling, Box 76, Bush House, London WC2B 4PH, England.....

GOOD GUYS 1ST ANNUAL PICNIC - After another successful meet on 21 May, welcoming new comers Bob Boerma, Jan Collins, Claud Ethen, Jr., Lee Murry, Bob Rust, and Russ Mappin from Spokane, the GOOD GUYS are wasting no time in putting together plans for a potluck-picnic to be held on Saturday evening, 17 June. Our special guest will be SPEEDX's Mister Everything, Don Johnson. If you are interested in attending contact me for more details.....

Slim pickens' from only 74 reporters this month. Let's hear from some of you who haven't reported in awhile. A hearty to all new reporters this month, we hope you will continue your support of A/O and SPEEDX. If you have comments, criticisms, or questions either about A/O or SPEEDX we're always glad to hear from you. Please enclose a SASE if you request a response, 73. *Deb* 05/23/78

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Editor:

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BULLETIN DE PROGRAMMES

LARRY TALBOT

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Deadline: 15th

COMUNICATI NEL CORSO

Well, here it is, another year gone by. With this issue complete, I have been editor of this section 2 full years. I have enjoyed my work for & with all of you, but for personal reasons I find it necessary to turn the editorship over to new hands. The new hands are 'connected' to Orla Reese, 1639 Massachusetts St., Lawrence, KS 66044. Please send all material to Orla effective immediately. Anything which has already been mailed to me will be sent to Orla also. Please continue to give Orla the fine support which you have given me in the past. I would like to thank all of you for that support especially those who haven't missed an issue.

AUSTRALIA, RA, EE to 3 Sept.

To South & SE Asia:

2100-2230 6035. 2100-2330 11830.
2230-0300 15410. 0000-0930 21680.
0130-1000 17870. 0800-1000 21570.
0600-1500 11705. 1000-1600 9770.
1500-1730 11775. 1530-1730 6005.

To East Asia & Japan:

2000-2200 9600. 2100-2300 11790.
2330-0530 15355. 0200-1000 17725.
1100-1300 11880. 1400-1730 11880.
1130-1300 9670. 1400-1730 9670.
1230-1730 7240. 1800-2040 7240.

To United Kingdom:

0700-0900 9570 11740. 1800-1900 11800.

To Africa:

0400-0500 0600-0630 15260, 21525.

To Pacific Islands:

1800-2030 9505. 1900-2130 11725.
2100-0000 0100-0500 0600-0700 15160.
2200-0000 0100-0500 15320.
0100-0500 0600-0730 17795.
0630-1000 11835. 1000-2000 5995.

To New Zealand & S. Pacific Isl.:

1800-2200 9580. 1900-2200 11810.
2030-2200 9540. 2230-0730 15240.
2200-0600 15140. 0700-0900 9570 11740.
0800-1500 9540. 1530-2000 6045.

To North America:

0100-0300 15320 17795. 1100-1300 9580.
O'Brien, Gaede, Fraser.

AUSTRIA, ORF, now has SW Panorama @

0300 on GMT Sundays on 6155, 9770.
Maghakian.

BELGIUM, BRT, EE to 1 Oct:

1615-???? 15280, 17740.
0015-0100 6080, 9685.
Scott Snyder, Maghakian.

BULGARIA, R. Sofia: new sked differs

from skeds sent w/recent QSLs:
1930-2000 GB 9700, 11720.
2130-2200 GB 11750, 15135,
0000-0100 NA 15330. 0430-0500 NA 11750
Hogan, Maghakian, Schwartz.

CANADA, RCI, EE to 3 Sept:

To North America:

0000-0030 5960. 0100-0130 9535.
0200-0230 11940 11845.
0300-0330 11900 11845 9535 5960.
0400-0430 11845 9535 5960.
2157-0000 (M-F only) 5960.

To Latin America:

0100-0130 11940 9535.
0200-0230 11940 11845.
0300-0330 11940 11845 9535 5960.
0400-0430 11845 9535 5960.

To Africa:

0615-0630 0645-0700 M-F 11720 6150.
1800-1830 1900-1930 17780 15260.
2130-2200 17820 15325 15105 11945
9530.

To Middle East:

0615-0630 0645-0700 M-F 17860 15440

To Western Europe:

1900-1930 17820 15325 9555 5995.
2000-2030 17820 15325 11855 9555
5995.

1645-1700 17820 15325.

0615-0630 0645-0700 11915 9655 7155
6140 M-F.

To Eastern Europe:

1545-1600 17820 15325 15305 11935
11915 9555.

Yohana, A. Diamond, Hogan, Fraser,
Compton, Benjamin, Maghakian.

CHINA, R. Peking, EE to NA

0000-0100 15060 15520 17680.
0100-0200 7120 9780 15060 15520 17680
0200-0300 12055 15060 17680.
0300-0400 7120 9780.
1200-1300 11865.
0300-0500 12055 15060 15305 17735.
Don't forget to address mail to
People's Republic of China or it
will come back. Ligon.

CZECHOSLOVAKIA, R. Prague EE to NA

0100-0155 0300-0355 5930 7345 9540
9630 11990.

DX pgm GMT Fridays. Fraser.

DENMARK, RD, bdcsts only Danish pgm
but they have QSLed the EE ID @

DENMARK, (cont)

beginning of most pgms in the past. Bdcsts to various countries every hr from 0900 to 2030 on 15165 & to Eur on 9710. NA bdcsts @ 1200, 1620. Elder.

DOMINICAN REPUBLIC, R. Clarin, sked is still somewhat confused. Glenn Hauser reports in SPEEDX-GRAM that "This is Santo Domingo" pgm now @ 2000, 0300, 1200. DX pgm 0000 Sunday. Freq 11700. Saade, Johnson.

ECUADOR, HCJB, EE, changes only,

To Europe:
0700-0830 9665, 11835.
1630-1800 15310, 17755.
1900-2030 15300, 17755.
DXPL Programs; M, Th, Sai
1700-1730 15310, 17755.
2000-2030 15300, 17755.
Hrd on DXPL by R. Baum.

EGYPT, R. Cairo, EE to NA,
0200-0330 9475, 6230. Grenier.

FINLAND, RF, has dropped 9645, now using
9755 & 11735 EE 2300-2330. Earhart.

GERMANY, WEST, Deutsche Welle, EE

To Asia/Australia:
0120-0220 6065 7210 7285 9690.
0930-1030 9650 11850 15275 17715 17780
17800.
1720-1750 7160 9590 11785 15405 17875.
2100-2200 7130 9765.

To Africa:
0430-0515 7150 7225 9565 9765 11765.
1045-1115 11785 15410 17765 17875
21500 21600.
1715-1745 9735 11965 15135 17730.
1745-1805 15135 17730.

To West Africa:
0600-0630 9700 11765 11905 15275 17765
1200-1245 15410 17765 17875 21600.
1930-2000 11905 15150 17780.

To North America:
0130-0150 6040A, 6075, 6085, 6100M,
9565, 9545MT, 9605, 11865M.
0530-0550 5960A, 6040MT, 6100, 6135,
6185, 9545.

A=Antigua, M=Malta, MT=Montserrat.
Underlined=250kW. Others 100kW.
D. Jones, McCurdy.

GREAT BRITAIN, BBC, W/S update, EE

2000-2230 5975 6175 7120 9410 11750
15070 15260A 17845W.
2200-0000 6175W 6195S 9510K 9590S
11910 15420W.
0000-0130 5975 6005A 6120S 6175W 7130
7325 9510K 9580A 9590S 9915
11750 15070.

A=Ascension, K=Greenville, S=Sackville
W=Caribbean. BBC asking rpts on 11910.
Johnson, Earhart, Zilmer.

GREECE, VoG, Greek/EE to 3 Sept to NA

0200-0350 11730 9760
1200-1250 17830 15345 11730
1500-1550 17830 11730.

Schwartz, Diamond.

HAITI, 4VEH, note from R. Johnson

indicates 4VEH has no plans to return to SW bdcsting. They have been off since latter 1977.

HOLLAND, R. Nederland, same as last mo. Skeds from Earhart, Scott Snyder Dalum, Yajko.

HUNGARY, R. Budapest, EE to 6 Nov:

1030-1100 Au/NZ 21525 17715 15160
11910 9585 7155 6040.
1200-1220 Eur M-F 21525 17785 15160
11910 9585 7155 6040.
1430-1500 Asia M-F 21525 17710 15160
11910 9585 7215 6040.
2100-2130 Eur 15225 11910 9655 7215
6110 6060.
0200-0230 NA Tu-Su 17710 15225 11910
9585 6160 6080.
0300-0330 NA 17710 15225 11910 9585
6105 6080.
1515-1530 DX pgm to Eur Tu & F 17780
15160 11910 9585 7215 5980
0400-0415 DX pgm to NA W & Sa 17710
15225 11910 9585 6105 6000
W.N. Stewart, S. Snyder.

INDIA, AIR, EE svc

2345-0115 Asia, 1000-1100 Asia/Au/NZ
1330-1500 seA. 1745-1945 Eur.
1945-2045 Afr. 2045-2230 Au/NZ.
Freqs not given. Check A/O section
for freqs currently hrd @ times gvn.
Johnson.

IRAQ, R. Baghdad, to 30 June, chngs

from current skeds still being sent
2130-2230 Eur 9745.
0300-0400 NA 11925 ex 11905.
Stickle, Jackson, Baum, Johnson,
Macris, Yajko.

ISRAEL, IBA, EE to 4 Nov,

1200-1230 Eur 21495 11665 15405
15530 17685 17815 25605.
2000-2030 Eur 9815 11655.
2230-2300 NA 9435 9815 11665 15485
17685
0500-0515 NA 9833 11655 11960 15105
17685.
Sked changes anncd Th @ 1925 & 2155.
Magne, A. Diamond, Earhart.

ITALY, RAI, EE to Aug,

1935-1955 GB 9575 7290 7275.
2025-2045 nEast 9575 7290 6050.
2200-2225 Japan 15315 11905 9710.
0100-0120 NA 15315 11810.
0350-0410 sAsia 11905 9710 9630.
0425-0440 Medit 7275 5990. Fraser,
Earhart, Maghakian, Ishizaki.

JAPAN, NHK, EE May 7 to Sept 2:

2015-2045 mE/Afr 11855 9700.
2345-0045 NA 15270.
0130-0230 NA 17825 17755 15195 17725
0800-0830 Eur 21535 17825.
1830-1900 Eur 9605 7195.
0930-1030 Au/NZ 15235 11875.
1115-1145 seA 11875 9675.
1630-1700 sAs/Afr 11705 9670. Chngs
from current sked underlined.

KOREA, DEM. PEOPLES REP, EE, April
1100-1300 2300-0100 on 9977 11535.
Hogan.

KOREA, REPUBLIC, EE to 6 June
0230-0300 LA 11850. 0630-0700 NA 9640.
1000-1030 GS 9525. LA 9580.
1130-1200 GS 7150 Eur 9650 11965.
1330-1400 Eur 11965.
1600-1630 GS 7150, NA 9640, 9720.
1800-1830 NA 9720. 1930-2000 Eur 9665.
2300-2330 Eur 9650. Lobdell & ???.

MALAYSIA, VoM, EE
0625-0855 15295 9750 6175.
Hardester, A. Diamond.

NORWAY, RN, EE on GMT Su/M only, to Sep
0800-0830 Au/NZ 9590, Pac 15175,
fe/Au 15135.
1200-1230 Eur 6015, Indo 15175,
mE/Indo /Au 21730.
1400-1430 Eur/Afr 9590, NA/CA 17840
Eur/mE/Afr 21730.
1600-1630 NA/CA 15175, Eur/Afr 17795,
wAfr/SA 21730.
1800-1830 wAfr 11935, NA/CA 15175,
mE/e&sAfr 21730.
2000-2030 Pac 11850 15135, Eur/Afr 15175
0000-0030 NA/CA 9605 11860 w/Afr/SA15175
2200-2230 NA/CA 11850 17795 CA/SA 15175
0200-0230 NA/CA 9610, 11860 11735.
0400-0430 NA/CA 9645 11860 Pac 11895.
Snyder.

PAKISTAN, RP, to 2 Sept.
0230-0245 seA 17830 21590.
0430-0445 eAfr 15325 17830 21590.
0500-0700 eAfr 17665 21590.
0500-0815 Per Glf 11672 mE 17830 21730
India 11705.
0715-1100 UK 15115 17665.
1100-1115 Eur 15115 17665.
1330-1430 Per Glf 15520 mE 17830 21590.
1445-1600 Per Glf 11672 mE 15520 17830.
1600-1615 mE 11672 15520 17830.
1915-2145 UK 7095 9460.
2345-0045 seA 9645 11750 15420. Magne.

PHILIPPINES, R. Veritas, EE from May 1,
0100-0200 11725 15280.
1400-1500 9590 11875 15165. Last 2 nf.
McCurdy.
FEBC, 2300-0500 0800-1000
1245-1500 11890 17810 15450 15395 21515
11850 11765 15440. Dalum.

PORTUGAL, AWR-Europe, correction to
previous printed sked: EE is Su only @
0900-1000 plus EE on Tu @ 2115 on 9670.
Stickle.

ROMANIA, R. Bucharest, EE to NA
0130-0230 5990 6155 6190 9570 9690
11735 11940.
0400-0430 same freq. Jones, Hook.

SOUTH AFRICA, RSA, EE to 2 Sept:
0256-0456 Afr 9585 7270 5980 4990 3995.
0556-0700 Afr 17780 15220 11900.
1056-1156 Afr/Eur 21535 17780.
1258-1450 Afr/Eur M-F 21535 17780 15220
11900.

SOUTH AFRICA (cont)
1258-1550 Afr/Eur 21535 17780*
15220* 11900* 11800#.
1556-1650 Afr/mE 21535 11900 9585
4990.
2056-2150 Afr/Eur 11900 11800 9585
7270.
2226-2320 NA 11900 9585 9650 5980.
* = to 1450 only. # = from 1458 only.
Zilmer, Johnson.

SPAIN, RNE, EE,
2030-2230 Eur 6100 7155 9505.
0100-0400 NA 6065 11880.
Underlined 350kW, others 100kW.
McCurdy.

SRI LANKA, SLBC, EE, Home svc:
1000-1300 (Sa-Su-Hol) 6005.
1800-2300 4968. 0600-0830 4940.
0830-0900 (1000 Su-Hol) 6130.
1300-1500 (1600 Su-Hol) 6130.
1700-2300 (1600 Sa-Su-Hol) 4940.
Overseas Svc: to Asia:
0030-0230 1230-1730 6075 9720 15425.
0230-0430 9720 15425.
1030-1130 Austral. 11835.
1030-1130 Japan, 15120.
1030-1130 seA 17850.
1845-1945 Eur/Afr/mE 11870 15120.
1845-1945 Afr 15115 17850.
Fisher, Klontz.

SWITZERLAND, SBC, new SSB bdcsts
1315 on 17740 & 0145 on 11780 30kW
on USB. Report SBC soon to change
name to Swiss Radio International.
Mahnakian, Fraser.
Next Red Cross bdcst is July 24
on 7210 & 0600 1130 1700 2200 in EE
Child.

THAILAND, RT, EE,
0415-0515 1055-1155 2330-0155 on
11905 & 9655. A. Diamond.

TURKEY, TRG, EE to 1 July,
1200-1300 India 9665. (no DX pgms)
2130-2300 Eur 7170, NA 9515. DX
pgms M-Th-Sa. @ 2235 Fraser,
Johnson, Bunagiar.

UNITED STATES,
United Nations Radio, EE,
1930-1845 19505 USB Fridays Greenv.
2245-2300 15240 11955 Fri. Greenville
0545-0600 0707-0715 6055 Sa Greenville
0800-0815 15235 Sa Monrovia.
1000-1005 15250 Sa Philippines.

Voice of America, does not maintain
mailing list for skeds so you must
write a week or so ahead of sked
date. Voice of America, Frequency
Division, Engineering & Technical
Operations, Broadcasting Service,
Washington D.C. Mellinger.
Don't forget to subscribe for USSR
Newsletter, P3, Box 232 McLean, VA.
22101. Also latest nk all skeds mid-
month SPEDX-GRAM. 1174 NS450 Devon-
wood Rd, Menomonee Falls, WI 53051.

Editor:

KEN COMPTON
7 Mount Vernon Street
Brighton, MA 02135

Deadline: 15th



SCHEDULED BROADCASTS OF USCG COMMSTA SAN FRANCISCO - NMC

The voice (USB) weather broadcasts consist of 3 portions of the Pacific Ocean area: Area Bravo-North Portion. Area Alpha-South Portion. Offshore Portion & Synopsis-Consists of forecast for up to 200mi offshore. NMC's CW(A1) weather broadcasts consist of Area Bravo and Area Alpha only. Sending speed is approximately 18 words per minute (machine-sent).
CW WEATHER BROADCAST TIMES & FREQS VOICE WEATHER BROADCAST TIMES & FREQS
At 0030, 1900, & 2100 GMT on: At 0430, 1030, & 1230 GMT on:
8682, 12730 & 17151.2 khz. 4423.7, 3765.4, and 13113.2 khz.
At 0630 on 4346, 8682 & 12730 khz. At 1630 & 2230 GMT on: 8765.4, 13113.2, & 17307.3 khz. Each voice broadcast lasts approx. 15 minutes.

NMC also transmits on these additional USB voice frequencies:
SHIP TO SHORE: 2670, 2686, 2182, 6506.4, and the voice weather broadcast frequencies which are also used for two-way communications.
AIR TO GROUND: 3123, 5696, 8984, and 11202 khz.

A few of NMC's CW(A1) traffic working frequencies are: 420, 500, 6383, 8574, 12743, and 16880.9. NMC's identification may be transmitted as, "U.S. Coast Guard San Francisco," or, "Comm-Sta San Fran," or "NMC". NMC appreciates and verifies all detailed and correct reception reports. All transmitters are 10 kw.

The info above was condensed from an NMC SWL info sheet supplied by the Ute Report's Lone Star State DX Ranger, CHARLIE GEORGE-TX.

DEFENSE CIVIL PREPAREDNESS AGENCY FREQUENCIES: From a DCPA operations planning handbook KEVIN HOBSON-MI forwards this info:

NIGHT CALLING FREQS: 6152.5 & 7349.5
DAY CALLING FREQ: 10494.5 (VERY active)
WORKING FREQS: 4604.5 4781.5 5212.5 5962.5 6060.5 10589.0
11958.5 12217.5 14886.0 16431.0 17560.5 19970.0 20028.5

AMATEUR CALL BOOKS FOR SALE: 1977 Ed. U.S. & Foreign Amateur Radio Call Books. Price: \$10 for both. Cost new was \$28.90 + postage. First money order to this address gets them: William Trubee KH6DX5J Box 1323 Kealahou, HI 96750. (Price includes surface shipment.)

QSLs

All freqs in khz

ARGENTINA: LOL Naval Obs B.A. 15000 date only ltr & sked 23d for 1 IRC, also sked via registered air mail (Dobbins-NC)
BARBADOS: 8PO C&W St. Philip 8449.4 f/d fldr cd 21d air for IRC (Dobbins)
CAMEROON: TJF90 INTELCAM Yaounde 9045.5 Date only form ltr 39d air for 2 IRCs & EE rpt. VS: B. Portron (Dobbins-NC)
CANADA: "JG" aero beacon Rigolet, Labrador 396. PFC & ltr from Goose Bay Aeradio in 41d for SASE (Curtis-VT)
VBF CCG Port Burwell ONT 2598. PFC in 37d for ms. 500w. (Holbrook-MD)
CHU NRC Ottawa 3330 freq only cd 9d, ms rtmrd (Jones-VA) 11d (Mellinger-NJ) 7335 f/d cd in 15d for no rp (Hobson-MI)
Cambridge Bay NWT Aeradio 8910 PFC 22d for SASE (Curtis-VT)
CURACAO: PJC GRTA Willemsstad 8694 f/d cd 13d for no rp (Hobson-MI)
DENMARK: Skagen Coast R. 2182 refusal ltr 32d for IRC (Proom-ENGLAND)
ENGLAND: A/E USAF Croughton 9011 PFC 30d air for ms. (Russell-IL)
GGC Cullercoats Coast R. 2182 PFC 33d for ms (Proom-ENGLAND) NEW ADDRESS: C.I.C. Cullercoats Radio Station Cullercoats, Tyne & Wear
3PK Portpatrick Coast R. 2182 date & time only ltr & leaflet on available ship/shore services in 11d for ms (Proom-ENGLAND)
FRANCE: FFU PTT Brest-Le Conquet R. 2182 f/d ltr 23d for FF ltr & 1 IRC. VS: A. Berthou (S. Proom-ENGLAND)
HAWAII: NRO4 USCG Loran Frigate Shoals 5320 PFC, color air photo of station & ip. ltr re NRO4 in 24d for ms. (Russell-IL)
HOLLAND: PCH PTT Scheveningen 2182 f/d cd in 24d for ms. (Proom-ENG) 33

PTT Kootwijk 7740 f/d antenna cd in 97d for no rp (Mellinger-NJ) 7735 same 25d (Dobbins-NC) PCL50 10735.5 same in 76d for IRC (Moody-ITALY)
INDONESIA: PKP Dumai R. 8726. PFC in 29d air for Indo rpt & 2 IRCs. VS: D.J.M. Manuputty (Hardester-OKI) Address: Marine Electronics & Telecommunications Division, Derpatremen Perhubungan Laut, Medan Merdeka Timur No. 5 Jakarta. (May be used for all coast stations in Indonesia.)
IRELAND: EIP Shannon VOLMET 3833 f/d fldr cd 19d air for IRC (Mellinger)
ITALY: IAX I.P.T. Trieste 8679 Date/freq only ltr 43d 2 IRCs(Dobbins-NC)
IVORY COAST: TUP75 INTELGI Abidjan 7570 date only EE/FF ltr 52d air for 2 IRCs (Dobbins-NC) 7825 no data form ltr 5w air for FF rpt 2 IRCs(Lobdell)
PORTUGAL: CTV25 Navy Linda-a-Velha 5015 PFC in 79d air for no rp(Monjure)
 CTF NATO Ceiras 8552 PFC in 28d for U.S. ms (Hardester-Okinawa)
THAILAND: HSZ Royal Thai Navy Thonburi 6450 PFC in 397d air, wrong date. 1kw. VS: CDR. Vira Chongdaaroen, Planning Div., Comm. Dept. Royal Thai Navy. (Hardester-OKI) Can you give us the address, Mike? - Ed.
U.S.A.: NOY3 USCGAS Corpus Christi TX 5697.4 PFC + ltr for ms(Russell-IL) Miramar NAS CA 6723 PFC in 10d for ms (Russell-IL)
 WNU TR&T New Orleans 8570 f/d cd 16d for ms (Hobson-MI)
 Oakland VOLMET 8903 freq only ltr 15d for SASE (Mellinger-NJ)
 SAC MacDill AFB FL 8990 freq only ltr confirming xmsn, SAC base does not confirm specifics, in 12d for no rp (Ruggley-IL)
 NAM USN Norfolk VA (Freq, Bob?) ltr in 18d for no rp (Ruggley-IL)
 NMC USCG San Francisco 12743 f/d cd, sta history, sked 17d for no rp. (Hobson-MI)

WPD RCA Tampa FL 13051.5 PFC in 6d for no rp (Hobson-MI)
 WVVH N.B.S. Kaula HI 15000 date/freq fldr cd 13d for no rp (?????-??)
 PLEASE PUT NAME & STATE AT END OF EVERY LOGGING. - Ed.

YUGOSLAVIA: YTD5 PTT Belgrade 3239 freq only reg. ltr 473d air (59d after second followup) for no rp (Hardester-OKI)

SHIPS: EDDJ "Marcona Conveyor" 500. Ltr & ship photo 20d for IRC(Holbrook)
 WHTR "Joseph Lykes" cargo 500. PFC in 46d for ms. (Holbrook-MD)
 GSYA HMS "Jupiter" PFC in 50d surface for ms. (Proom-ENGLAND)
 MUEY "Craftsman" cargo, off Belize 2132. Ltr 71d for IRC (Holbrook-MD)
 N??? USS "Plymouth Rock" LSD-29 2390. PFC in 12d for ms (Holbrook-MD)
 NURE CCG "Decisive" 6521.8 PFC & ltr 38d for 2 IRCs. 500w.(Musterle)
 NZUE CCG "Alert" 6521.3 f/d ltr 17d for 2 IRCs. 250w. (Musterle-FRG)
 ATPW "Apj Priti" cargo 22230a PFC in 37d for IRC. 1.5kw. (Holbrook-MD)

AIRCRAFT: USCG #1492 HH3F 5696 PFC in 29d for ms. 125w. (Chabak-CO)
 USCG #5792 HC-131A 3123 PFC in 18d for ms. 100w. (Chabak-CO)
 USCG #7247 HU-16E 5696 PFC 9d for ms. 100w. (Chabak-CO)
 USN SS936 P-3B 6738. PFC in 9d for ms. 400w. (Chabak-CO)
 USCG #1344 HC-130B 6750. PFC in 16d for ms. 150w. (Chabak-CO)
 Teal 12 USAFR WC-130H 6750. PFC in 10d for ms. (Chabak-CO)
 3VEN USN P-3B 6750. PFC in 8d for ms. (Chabak-CO)
 Lark 70 USAF WC-135 8967. PFC in 9d for ms. 400w. (Chabak-CO)
 USCG #1453 HC-130H 11182. PFC in 9d for ms. 100w. (Chabak-CO)

	All times GMT	LOGGINGS	All freqs in kHz
		NORTH AMERICA	
ALASKA:	6738	0748 AXA Elmendorf AFB OM EE wkg HEADLONG USB(Devendorf)	
	6935	0748 NRW2 St. Paul Is. Loran wkg NMJ22 USB (Devendorf-C)	
	3989	0432 AXA Elmendorf AFB OM EE SKYKING best USB(Hall-CA)	
CANADA:	2510a	0310 CCG Halifax OM EE wx AM (Zavatsky-CT)	
	2530	0250 VCS CCG Halifax OM EE Securite best AX(Stone-CNT)	
	4255	0500 CFH Navy Ellerhouse NS V mkr CW (Elaise-LA)	
	4495a	0121 CKN Vancouver Mil CQ mkr CW (Owsley-CA)	
	5652	0206 VFG Gander VOLMET OM EE wx AM (Zavatsky-CT)(Billie)	
	6491.5	0013 VCS CCG Halifax NS V mkr CW (Taylor-PA)	
	3696	0546 CFH Navy Ellerhouse NS V mkr CW (Owsley-CA)	
	8813.4	0315 VAI CCG Vancouver OM EE vm SSB (Hall-CA)	
	3863	0120 VFG Gander VOLMET OM EE wx AM EE best (RM)(Moody-IT)	
	8910	1517 Frobisher Aeradio NWT wkg Pac Western a/c(Curtis)	
		1635 Cambridge Bay Aeradio NWT wkg Air Can 672 (Curtis)	
		1858 Churchill Aeradio NWT wkg A.C.355 SSB (Curtis-VT)	
	8959	2337 VFG Gander Aeradio OM EE wkg Tango 517 USB(Stewart)	
	11231	0057 CHR Trenton Mil CNT CM EE wkg MIL 513(Devendorf-CA)	
	12860a	0632 VAI CCG Vancouver BC V-CQ mkr CW (Monjure-LA)	
	13272	1650 VFG Gander VOLMET OM EE wx AM (Hackney-TN)	
	15035	1730 CHR RCAF Trenton CM EE aero wx LSB (Hackney-TN)	
		1747 CJX RCAF St. Johns OM EE aero wx LSB (Hackney-TN)	
		1820 VXA RCAF Edmonton CM EE aero wx LSB (Hackney-TN)	

MEXICO: 2192 0334 XFN Progreso Yucatan R. SS wx AM (McCreery-GA)
 4250a 0458 XFU Veracruz ie Veracruz R. CQ mkr CW (Blaize-LA)
 12750a 2225 KFL D.G.T. Mazatlan de Sinaloa CQ mkr CW (Monjure-LA)
 U.S.A.: 4428.7 0527 MNM USCG Portsmouth VA CM EE wx USE (Benjamin-CA)
 5519 1536 KSF70 Oakland VOLMET OM EE aero wx AM (Thompson-CA)
 5640 0410 NMN USCG Portsmouth VA CM EE tfc USB (Zavatsky-CT)
 5652 0110 NY VOLMET wx AM (Moody-IT) (Stone-ONT) 2111 (Zavatsky)
 5673 0315 NY Oceanic Control wkg Shanwick Aeradio USB (Compton)
 5688 0719 Boeing Flight Test Seattle WA wkg Allen 11 (Chabak)
 5696 1014 NMF USCG Boston OM EE wkg #1459 USB (Short-CA)
 1018 NMO USCG Honolulu CM EE wkg CGC "Storia" USB (Short-CA)
 5697.5 0325 NOY8 USCGAS Corpus Christi TX EE tfc USB (Russell-IL)
 6723 0212 NZY USNAS No. Is. San Diego wkg GRAY EAGLE (Short-CA)
 0215 NEX Miramar NAS CA OM EE wkg GRAY EAGLE USB (Short-CA)
 8550 0525 WPA RCA Port Arthur TX V mkr CW (Pettit-IA)
 8632 0629 WCC RCA Chatham MA V mkr CW (Dawson-CA)
 8686 2147 WMH RCA Baltimore MD V mkr CW (Kasprzyk-TX)
 8789.6 2219 WWD BuCom Fisheries La Jolla CA OM tfc USB (Dawson-CA)
 8868 0117 NY VOLMET EE wx AM (Moody-IT) 2342 (Stewart-SCOTLAND)
 8959 0441 KILB Miami Aeradio OM EE wkg Clipper 1552 SSB (Hall)
 8984 0000 USCG "Miami Rescue" OM EE wkg #1350 USB (Compton-MA)
 2115 USCGAS New Orleans OM EE wkg #5790 USB (Hackney-TN)
 9002a 1655 Orion Control Cape Canaveral FL OM EE wkg Ashley 12
 (NASA Vandenberg SFB) LSB (Russell-IL)
 1650 "Cape R." Cape Canaveral OM EE wkg AGAR 21 (Russell)
 9020 0821 AFB MacDill AFB FL OM EE wkg ENORMITY USB (Devendorf)
 0494.5 2103 KPAG5 DCPA Denton TX OM EE testing USB (Hobson-MI)
 2125 KPA73 DCPA Thomasville GA OM EE wkg KPA65 USB (Hobson)
 11239 0333 AFI McClellan AFB CA OM EE wkg SKYING USB (Compton)
 12151.5 0445 NMF USCG Marshfield MA NMF/NIK CQ mkr CW (Pettit-IA)
 12718.5 1350 MNM USCG Portsmouth VA clg KCEB CW (Conway-MALAWI)
 13272 0030 NY VOLMET wx AM (Stewart-SCOT) 0410 (Blaize) (Hackney)
 14313 0237 NMA USCG Miami OM wkg NMF, CG1350 USB (Hobson-MI)
 0501 0501 0501 clg overdue sailing vessel "Valparaiso" (Trubee)
 NMF USCG Boston OM EE wkg NMA & MNM USB (Trubee-HI)
 15015 1953 AFL Loring AFB ME OM EE wkg Navy 770 USB (Hackney-TN)
 15900a 2200 KLE ITT Marysville WA CQ mkr CW (Pettit-IA)
 16000a 1810 KLE ITT Marysville WA CQ mkr CW (Pettit-IA)
 16298 2125 NRD USN Coos Head OR OM EE wkg NRI USB (Ireland-TN)
 17257 0050 WOM AT&T Ft. Lauderdale FL wkg "Sea Royal" (Ireland)
 20610 1904 KCW21 Smithsonian Astrophysical Observatory Cambridge MA OM EE wkg OCK25. 1907 clg Natal, Brazil USB (Compton-MA) Seems to be active every Fri. pm.
 23892.5 1907 KKN50 State Dept Intell Svc clg KLA24 CW (Hall-CA)
 25580a 1900 AFA Andrews AFB MD OM EE wkg SAM971 LSB (Russell-IL)

 CARIBBEAN

BARBADOS: 8449 2357 SPO C&W Bridgetown ID mkr CW (Kasprzyk-TX)
 BERMUDA: 6487.5 0015 VRT C&W St. Georges V mkr CW (Taylor-PA) (Kasprzyk)
 CUBA: 8516 2326 CLS EMRAIN Havana CQ mkr CW (Kasprzyk-TX)
 7840a 0720 GOL Navy Havana clg RPNV CW (Russell-IL)
 13062 0215 CLA EMRAIN Havana CQ mkr CW (Pettit-IA)
 CURAÇAO: 8694 0011 PJC GRTA Willemstad CQ mkr CW (Kasprzyk-TX)
 17040 1310 PJK Navy Suffsant V mkr CW (Blaize-LA)
 JAMAICA: 13065 1250 6YI JIT Kingston R. CQ mkr CW (Conway-MALAWI)
 MARTINIQUE: 6388.6 0351 FUF Fr. Navy Fort de France V mkr CW (Blaize-LA)
 8675.2 0440 FFP3 PTT Fort de France CQ mkr CW (Conway-MALAWI)
 PUERTO RICO: 8959 0535 WWA3 San Juan Aeradio OM EE wkg Amer697 USB (Hall-CA)
 12700 0348 NMR USCG San Juan CQ mkr CW (Blaize-LA) (Monjure-LA)
 TRINIDAD: 8959 0443 Piarco Aeradio CM EE wkg Air France 218 USB (Hall-CA)

 CENTRAL AMERICA

PANAMA CZ: 6683 0856 AHF Albrook AFB OM EE Flight Advisory USB (Chabak-CC)
 9993 2148 AHF Albrook AFB YL EE wkg AF8689 USB (Compton-MA)
 12750a 0629 NEA USN Balboa CQ mkr CW (Monjure-LA)
 15095 1745 AHF Albrook AFB OM EE wkg a/c "Diplomat" on a/c "Discrete" freq USB (Chabak-CC)

 SOUTH AMERICA

ARGENTINA: 8847 0422 Buenos Aire Aeradio OM SS wkg acft SSB (Hall-CA)
 12709 0230 LSA ELMA Boca R. V mkr CW (Thompson-NM)
 17045.6 0055 LPD46 Gen. Pacheco R. V mkr CW (Dobbins-NC)
 BRAZIL: 12740a 0631 PPR EMBRATEL Rio R. CQ mkr CW (Alexander-IA)
 CHILE: 6481.5 0902 CCS Navy Santiago V mkr CW (Alexander-IA)

COLUMBIA:6464a	0018	HKB ENTEL Barranquilla V mkr CW (Taylor-PA)
ECUADOR:3810	0914	HD210A INOCAR Guayaquil OM SS time AM(Monjure-LA)
	7600	HD210A INOCAR Guayaquil CM SS time AM(Mellinger-NJ)
PERU: 11214a	0545	Lima Aeradio CM EE wkg Brannf 904 USB (Russell-IL)

EUROPE		
AZORES: 5610	0630	CSY Santa Maria Aeradio OM EE wkg acft SSB(Proom-ENG)
	8945	0416 CSY Santa Maria OM EE wkg Speedbird 278 USB(Short-CA)
	8967	0037 CUW USAF Lajes CM EE wkg REST 22 USB (Compton-MA)
BELGIUM:8652	0346	OST42 RIT Ostend V mkr CW (Walters-NJ)
CYPRUS: 8779.2	0037	5BA C.T.A. Nicosia? OM EE/Gr vm SSB (Compton-MA)
DENMARK:8598	0413	QXZ4 D.G.P.T. Lyngby CQ mkr CW (Walters-NJ)
ENGLAND:2182	1105	GKZ BPO Humber wkg Cromer & Wells AM (Beukelman-HOL)
	2500	0650 MSF N.P.L. Rugby time tick, ID CW (Proom-ENGLAND)
	4215.5	0459 GKZ BPO Portishead ID mkr CW (Blaise-LA)
	5000	0700 MSF N.P.R. Rugby time tick, ID CW (Proom-ENGLAND)
	8557.9	0412 GKB4 BPO Portishead ID mkr CW (Walters-NJ)
	8703a	0440 GKE BPO Portishead ID mkr CW (Monjure-LA)
	8765	2311 BPO Portishead OM EE vm LSB (Stewart-SCOTLAND)
	8775	2042 BPO Portishead OM EE clg "Beaverbank" USB(Stewart)
	11200	0054 MVU RAF W. Drayton Mil OM EE aero wx USB(Compton-MA)
	11236	0308 MKL RAF Tynemouth code tfc CW (Compton-MA)
	11450a	0203 MKL RAF Tynemouth code tfc CW (Compton-MA)
	12808.5	0336 GYCS Whitehall Naval R. multicall V mkr CW(Blaise-LA)
FINLAND:16923.6	1833	OFV5 A.P.T. Helsinki CQ mkr CW (Alexander-IA)
FRANCE:17503a	0530	Internat'l Network OM FF/EE vm USB (Ireland-TN)
GERMANY,E.:13375	0545	DKW5 U.D.P. Berlin OM FF/EE/FF vm USB (Russell-TN)
	17635	0540 0745 (Musterle-FRG) 1150 (Proom-ENGLAND)
GERMANY,W.:6475a	0017	DKD4 UDP Berlin OM GG/FF/EE vm SSB (Ireland-TN)
	8672	0625 DAM DB Norddeich R. V mkr CW (Taylor-PA)
	10065a	0548 DAF DB Norddeich R. V mkr CW (Pettit-IA)
		Frankfurt Aeradio YL EE/GG wkg Lufthansa 495 USB (Russell-IL)
	11238	2212 DHM91 Air Force (City?) OM GG wkg GAF acft(Russell)
	12763.5	1915 DAM DB Norddeich R. CQ mkr CW (Alexander-IA)
	17140	1355 DAN DB Norddeich R. CQ mkr CW (Ruggley-IL)
GIBRALTAR:6471a	0345	GYU BRN ID mkr CW (Thompson-NM)
	12825.5	0638 GYU BRN ID mkr CW (Alexander-IA)
GREECE: 8704	0131	SVA OTE Athens V mkr CW (Kasprzyk-TX)
HOLLAND:4360a	0000	PCH PTT Scheveningen R. YL EE/Du tfc AM (Proom-ENG)
	5645	0900 "Hell Amsterdam" Schiphol Airport OM Du wkg helicopters USB (Beukelman-HOL)
	8562	0542 PCH PTT Scheveningen R. CQ mkr CW (Monjure-LA)
	10803a	0121 PTT Kootwijk OM EE vm USB (Zavatsky-CI)
	12792a	2134 PCH51 PTT Scheveningen CQ mkr CW (Pyne-MD)
	17103.2	1431 PCH62 PTT Scheveningen CQ mkr CW (Alexander)(Dobbins)
IRELAND:2889	0102	EIP Shannon VOLMET OM EE wx AM(Moody-IT)0650(Proom)
	5610	0630 Shanwick Aeradio OM EE wkg acft SSB (Proom-ENG)
	5673	0349 Shanwick Aeradio OM EE wkg KLM671 USB (Compton-MA)
	8833	0010 EIP Shannon VOLMET OM EE aero wx AM (Taylor-PA)
	8860	1505 0325(Zavatsky-CI)0517(Mellinger-NJ)2243(Stewart-SCOT)
	4320	0512 Shanwick Aeradio CM EE wkg Iberia 951 USB(Stewart)
ITALY: 7308	0432	LAR4 I.P.T. Rome R. V mkr CW (Blaise-LA)
	8649.5	0426 IDR3 Navy Rome V mkr CW (Monjure-LA)
	3679	0133 ICB I.P.T. Genoa V mkr CW (Walters-NJ)(Kasprzyk-TX)
	8685	0509 ICX I.P.T. Trieste V mkr CW(Kasprzyk) (Walters)
	10710	0125 IRM Rome Medical R. V mkr CW (Monjure-LA)
	13015.5	0315 IRH27 ITALCABLE Rome YL EE/It/FF/SS vm USB(Ireland)
	17105	1532 IAR3 I.P.T. Rome V mkr CW (Blaise-LA)
	12961.5	0321 IRM6Rome Medical R. V mkr CW (Alexander-IA)
NORWAY: 8081	1400	LFI N.T.A. Rogaland R. multicall V mkr CW(Blaise-LA)
POLAND:8490	0351	SOI30 PAF Warsaw CQ mkr CW (Beukelman-HOLLAND)
PORTUGAL:8490	0351	CUL7 CPRM Lisbon CQ mkr CW (Walters-NJ)
	12925	0332 CTP NATO Oeiras ID mkr CW (Blaise-LA)
	12922a	0340 CTP NATO Oeiras ID mkr CW (Blaise-LA)
	17010a	2205 CTP NATO Oeiras ID mkr CW (Dobbins-NC)
SCOTLAND:5673	0400	Edinburgh Rescue OM R. ck w/Shanwick USB (Compton-MA)
	5680	1542 Edinburgh Rescue OM EE wkg Z91 USB (Beukelman-HOL)
SPAIN: 6333	0535	EAD4/EDZ5 CTNE Aranjuez CQ mkr CW (Ruggley-IL)
	12717	0346 EBA Navy Madrid clg BECQ CW (Blaise-LA)
	13181.4	0405 EHY CTNE Pozuelo del Rey ID & freq list USB(Blaise)
SWITZERLAND:10089	0522	Berne Aeradio CM EE wkg Cargolux 300 USB(Russell)

U.S.S.R.:12160 1941 Moscow R/T Sta YL EE vm SSB (Stickle-NY)
 12693a 0345 URD Leningrad P. V mkr CW (Blaize-LA)
 16190 2320 R. Moscow EE feeder to Ukraine LSB (Ireland-TN)
 18170 0405 RIF33 Moscow R/T Sta YL EE vm USB (Russell-IL)

 AFRICA

ANGOLA:19030 1123 CQX52 EMPUTEL Luanda OM EE YL FF vm SSB(Musterle-FRG)
 ASCENSION IS.:5753 0711 AFE33 USAF all freq call for MAC70016 USB(Chabak)
 CAMEROON:15832 2130 TJF58 INTEL CAM YL EE/FF vm SSB (Proom-ENGLAND)
 CANARY IS.:8882 0620 Canarias Aeradio OM EE wkg Dakar Aeradio AM(Russell)
 DJIBOUTI:8682 0442 J2A8 O.P.T. Djibouti City CQ mkr CW (Conway-MALAWI)
 13042.5 0313 FUV Fr. Navy V mkr CW (Blaize-LA)
 DIEGO GARCIA:14760 0739 NKW USN EE tfc to San Diego USB (Dawson-CA)
 IVORY COAST:7825 0235 TUA47 INTEL CI Abidjan YL EE/FF vm SSB(Stone-ONT)
 2220 (Maghakian-NY)
 11560a 0420 INTEL CI Abidjan YL EE/FF vm USB (Collins-OR)
 KENYA: 13065 0450 5ZP3 KETC Mombasa R. tfc list CW (Herkimer-NY) 0840
 wkg a ship(Conway-MLW) EAETC nationalized. - Ed.
 KEN44 US Embassy Monrovia call mkr, tfc CW(Russell)
 LIBERIA:7830 0530 5AT 3CPT Tripoli V mkr CW (Herkimer-NY)
 LIBYA: 8515 0605 FFD FTS S. Denis CQ mkr, marine wx CW (Herkimer-NY)
 REUNION:8469 0420 6WV French Navy Dakar-Hann R. V mkr CW (Taylor-PA)
 SENEGAL:8992 0000 6WV French Navy Dakar-Hann R. V mkr CW (Taylor-PA)
 8889 0346 Dakar Aeradio OM SS clg Canarias Aeradio USB(Compton)
 14560 0710 6VA415 D.P.T. Dakar FF tfc to Niamey SSB (Dawson-CA)

 ASIA

CHINA: 8513 1345 XSQ CGRA Canton CQ mkr CW (Thompson-NM)
 INDONESIA:8868 1302 Djakarta Aeradio OM EE wkg New Zealand 252 SSB(Hall)
 8938 1211 Djakarta Aeradio OM EE wkg Quantas 15 SSB (Hall-CA)
 ISRAEL:13051.5 0518 4XO MinCom Haifa CQ mkr CW (Russell-IL)
 17048 0150 4XZ Navy Haifa V mkr CW (Thompson-NM)
 22325 0845 4XZ Navy Haifa V mkr CW (Beukelman-HOLLAND)
 JAPAN: 6738 1406 AFT80 USAF Yokota OM EE R. ck w/MAC602 USB(Short-CA)
 8479 0744 JCU Nippon T&T Choshi R. CQ mkr CW (Dawson-CA)
 8938 1158 Tokyo Aeradio OM EE wkg Cathay 550 SSB (Hall-CA)
 13344 0741 Tokyo VOLMET JMA OM EE aero wx AM (Hackney-TN)
 MALAYSIA:8627 1330 9MB2/4 Penang R. V mkr CW (Thompson-NM)
 PHILIPPINES:6504 1249 DZI "Manila R." CQ mkr CW (Blaize-LA)
 6326 0956 DJZ BRDM Manila CQ mkr CW(Hall-CA)
 6738 1403 AIC Clark AFB OM EE R. ck w/MAC602 USB (Short-CA)
 8556 1225 DZP Galaxy Manila CQ mkr CW (Thompson-NM)
 SAUDI ARABIA:12811.3 1330 HZY ARAMCO Ras Tanura CQ mkr tfc listCW(Conway)
 SINGAPORE:8868 1322 9VA27 Singapore Aeradio OM EE wkg Jakarta SSB(Hall)
 U.S.S.R.:12796.5 0445 UXN MPT Archangel ID mkr CW (Thompson-NM)
 16310a 1240 ROL Navy Karganda QRU mkr CW (Beukelman-HOLLAND)
 YEMEN: 8959 2205 Aden Aeradio OM EE clg Addis Ababa AM (Russell-IL)
 13060.5 1010 70A (Yemen C&R?) Aden ID mkr CW (Conway-MALAWI)

 OCEANIA

AMER.SAMOA:17391.5 0525 KUU20 G.A.S. Pago Pago OM EE vm USB (Russell-IL)
 AUSTRALIA:4230 1815 VIP OTC Perth V mkr CW V mkr CW (Conway-MALAWI)
 6428 0746 VHP Navy Canberra V mkr CW (Dawson-CA)
 8597 1335 VIP AOTC Perth V mkr CW (Thompson-NM)
 10017 0732 VLS Sydney VOLMET OM EE aero wx AM (Thompson-CA)0732
 (Miller-CA) 1230 (Zavatsky-CT)
 12000 0440 VNG Telecom Australia Lyndhurst OM EE time sigs AM
 (Hackney-TN)0629(Ireland-TN)0700(Gaede-CA) 0703
 (Thompson-CA) 0830 (Fisher-RI)
 12952.5 0646 VIS5 AOTC Sydney ID mkr CW (Alexander-FL)
 12994 0620 VIP OTC Perth R. wx CW(Monjure-LA)1100 V mkr(Conway)
 13113.9 1246 VIS AOTC Sydney CQ mkr CW (Conway-MALAWI)
 17200a 0448 VIS AOTC Sydney CQ mkr CW (Blaize-LA)
 COOK IS.:8847 0605 ZKRG Rarotonga Aeradio OM EE clg Tahiti AM(Russell-IL)
 3UAM: 9898 0934 AIE Andersen AFB OM EE wkg MA715 USB (Chabak-CO)
 11176 0843 AIE Andersen AFB OM EE wkg ANTE 62 USB (Chabak-CO)
 HAWAII: 6428.5 0245 NMO USCG Wahiawa CQ mkr CW (Blaize-LA)
 3765.4 0950 NMO USCG Honolulu R. OM EE wx USB (Benjamin-CA)
 8964 1119 AGA Hickam AFB OM EE SKYKING boat SSB (Hall-CA)
 8992 1630 NAX USNAS Barbers Pt OM EE wkg McClellan SSB(Garber)
 10000 0103 WVVH YL EE time sigs AM Kekaha (Zavatsky-CT)
 NEW CALEDONIA:16959a 0231 FUJ French Navy Noumea V mkr CW (Hall-CA)
 NEW ZEALAND:8598 0710 ZLP RNZN Waiouru V mkr CW (Pettit-IA)
 3847 0449 ZKAK Auckland Aeradio OM EE wkg aoft SSB (Hall-CA) 37
 0644 wkg Rescue 16 AM (Russell-IL)

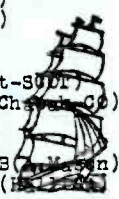
1950 0635 ZNE3 Raoul Is. Wx Sta OM EE clg 7LZ38 AM (Russell-IL)
 12718.5 0615 ZL066 Navy Irirangi ID mkr CW (Alexander-IA)
 12940a 0322 ZLP RNZN Irirangi V mkr CW (Blaize-LA)
 17170.4 0450 ZLB6 NZPO Awarua ID QSK mkr CW (Blaize-LA)
 TAHITI: 14548 0440 FZP79 FTS Papeete FF/EE tfc to Paris USB (Dawson-CA)

UNIDENTIFIED

4200a 1817 ZCB4 V mkr CW (Conway-MALAWI)
 5605a 1030 GFW V mkr CW (Hall-CA)
 8868a 1401 AYO CQ mkr CW (Hall-CA)
 6100a 0800 Time tick w/OM Asian lang annmcts ea minute AM (Howell-CA)
 6393a 0400 IDQ: "VVV de IDQ/2/3/6" CW (Blaize-LA)
 7250a 0405 "DI T8" CW repeated to 0410. 0417: weird tones (Pettit-IA)
 7689a 0525 AAC30 OM EE clg Red Rose Bravo USB (Russell-IL)
 9010a 0040 Beacon-like 11 dots & a dash repeated, sounds like reported west coast "mystery signal" CW (Compton-MA)
 9200a 2350 "V QRA de D36" (not D3B) CW (Pettit-IA)
 11915a 0250 WNS: "CQ de WNS QSK 6812 mhz" CW (Pettit-IA)
 13160a 0800 SS time tick ea 10 sec USB (Dawson-CA)
 14470 0831 MOQ EE tfc to El Toro Marine Base, time 7 hours later than PST USB (Dawson-CA)
 15544a 2101 CLP23 QRK? mkr CW (Kaprzyk-TX)
 17500a 0015 HRN V mkr CW (Pettit-IA)

SHIPS

2100a 0255 USS "Monitor" OM EE clg Norfolk Marine SSB (Stone-ONT)
 0230 USS "Spruance" OM EE wkg Norfolk Marine SSB (Stone-ONT)
 8200a 1430 SKEN "Snowhill" OM Swed clg G8teborg R. USB (Beukelman-HCL)
 8260a 0130 HPDA "Eso Malaca" OM EE wkg WOM USB (A.Mason-ONT)
 0405 ASPE "Eso Africa" OM EE clg WOM USB (A.Mason-ONT)
 8364a 0521 SYHK "Vaasiliki" clg SVA CW (Blaize-LA)
 0524 S6GQ "Euro Princess" clg WCC CW (Blaize-LA)
 8770 2023 CNFT "Toubkal" cargo OM EE wkg Ostend USB (Stewart-SUB)
 8964 0733 RAN Warship Melbourne OM EE wkg Hickam patch USB (Chabak-CO)
 12545a 0540 DCWE "Stadt Wolfsburg" clg VPS CW (Blaize-LA)
 13375a 1549 "Sea Treasure" WYX2505 OM EE tfc SSB (Hall-CA)
 16525a 1225 SLGX "Conoco America" OM SS wkg Pozuelo del Rey USB (A.Mason-ONT)
 17370a 2324 USS "Constellation" OM EE wkg ICSB4 San Diego SSB (Hall-CA)



AIRCRAFT

5589 1153 Japan Air 625 OM EE wkg Tokyo & Anchorage SSB (Hall-CA)
 1219 Clipper 815 OM EE wkg Honolulu SSB (Hall-CA)
 5603 1050 Korean Air 002 OM EE wkg San Francisco SSB (Hall-CA)
 1159 8160C OM EE wkg Honolulu SSB (Hall-CA)
 1202 Pacific Western 620 OM EE wkg Honolulu SSB (Hall-CA)
 5610 0329 Speedbird 278 OM EE wkg San Juan Aeradio SSB (Hall-CA)
 0404 Speedbird 264 OM EE wkg NY Aeradio SSB (Hall-CA)
 0435 Speedbird 207 OM EE wkg Santa Maria SSB (Hall-CA)
 5638 1226 Clipper 809 OM EE wkg Sydney Aeradio SSB (Hall-CA)
 5645 0932 Heli 9 OM Du clg Heli Amsterdam USB (Beukelman-HOLLAND)
 5673 0228 Quebec Air 11 OM EE wkg Gander USB (Compton-MA)
 0323 Seaboard 309 OM EE departure rpt to Gander USB (Compton-MA)
 0330 Portuguese 311 OM EE wkg Santa Maria Aeradio USB (Compton)
 0401 Air Bahama 101 OM EE wkg NY Aeradio USB (Compton-MA)
 0410 Avianca 73 OM EE wkg San Juan Aeradio USB (Compton-MA)
 0422 Clipper 754 OM EE wkg Miami Aeradio USB (Compton-MA)
 5680 0034 Rescue 328 OM EE wkg Trenton Mil re search USB (Hobson-NI)
 5696 0405 CG#1433 OM EE wkg CG New Orleans re crash USB (Russell-IL)
 0608 CG#5787 wkg Mobile AL re Flight 193 crash USB (Russell-IL)
 5738 0702 Azar 13 OM EE wkg Hickam patch to Orion Control USB (Chabak)
 0718 RAF Ascot 5676 OM EE wkg Hickam USB (Chabak-CO)
 0721 Canadian Military 514 OM EE wkg Elmendorf AFB USB (Chabak)
 0727 King 63 wkg McClellan patch to Hayward Rescue USB (Chabak)
 6750 0651 Otis 317 OM EE wkg MacDill AFB USB (Chabak-CO)
 8868 1302 New Zealand 252 OM EE wkg Jakarta SSB (Hall-CA)
 1305 Lufthansa 693 OM EE wkg Jakarta SSB (Hall-CA)
 1324 Qantas 28 OM EE wkg Singapore Aeradio SSB (Hall-CA)
 3938 1345 Tiger 24 OM EE wkg Anchorage & Tokyo Aeradios SSB (Hall-CA)
 1347 Tiger 98 OM EE wkg Tokyo Aeradio SSB (Hall-CA)
 8931 1158 Cathay 550 OM EE wkg Tokyo Aeradio SSB (Hall-CA)
 3959 0441 Clipper 1552 OM EE wkg Miami Aeradio SSB (Hall-CA)
 2330 Aero Mexico 01 OM EE wkg Miami Aeradio USB (Compton-MA)
 8989 0826 Gull 22 OM EE wkg McClellan patch to Mather USB (Chabak-CO)

8989 1852 Cozy 39 OM EE wkg MacDill AFB USB(Compton-MA)
 3997 1630 Sky King 02 OM EE wkg Clark AFB USB (Garber-CA)
 3967 0729 Lark 70 OM EE wkg Elmendorf patch to Anchorage Ctr(Chabak)
 3882 0145 Iberia 995 OM EE wkg Dakar Aeradio SSB (Hall-CA)
 11180 0003 SAM31682 OM EE wkg Andrews & Albrook LSE (Devendorf-CA)
 11182 1713 Edgy 14 OM EE wkg Scott AFB patch to Raymond 24 USB(Chabak)
 1812 Belgian Air Force 01 OM EE wkg Scott AFB USB (Chabak-CO)
 1838 King 57 OM EE wkg Scott patch to Hayward Rescue USB(Chabak)
 1931 RAF Ascot 5592 OM EE wkg Scott patch to Maxwell AFB(Chabak)
 1943 Thunderbird 14 OM EE wkg Scott patch to Peterson Ops(Chabak)
 2017 Air Evac 456 OM EE wkg Scott AFB USB (Chabak-CO)
 2132 Agar 11 OM EE wkg Scott patch to Orion Control USB (Chabak)
 15015 1918 Edgy 12 AWACS E3-A OM EE wkg Scott patch to Raymond24(Chabak)

TACTICAL

6746 0835 PLEAD 8(Pt. Mugu Missile Range)blind xmsn to Bloodhound 47
 USB (Chabak-CO)
 3050a 0500 ABRUPTLY YL EE wkg HORSEFLY SSB (Proom-ENGLAND)
 4280a 0515* AGITATOR CM EE signoff SSB (BlaiZe-LA)
 5700 0200 ESTIMATE OM EE wkg DISGUISE on SAC QUEBEC freq USB(Compton)
 6712a 0915 YK150 OM EE wkg LAMPCCRD patch to BAJMAN USB(Devendorf-CA)
 6723 0426 WARCHIEF CTR(USS Constellation) OM EE clg GRAY EAGLE CTR
 (USS Ranger) USB (Russell-IL)
 0432 WARCHIEF OM EE wkg GRAY EAGLE USB (Short-CA)
 0534 GRAY EAGLE CTR OM EE wkg RASPBERRY MIRAMAR USB (Russell-IL)
 1923 WARCHIEF OM EE wkg CYCLONE 327 USB (Devendorf-CA)
 7530a 0441 DOLPHIN 4 (USCG anti-narcotics cutter) wkg ATLAS(Russell)
 0635 ATLAS(US Customs Bureau) wkg acft #158 USB (Russell-IL)
 8910 0600 BREWERY CONTROL OM EE wkg BREWERY 21M re sorties, tanks,
 strikes, etc. War Games? USB (Russell-IL)
 9027 2226 NOVEMBER NOVEMBER OM EE cl- JULIET 8 SSB (Hall-CA)
 11183a 2208 DUTCH DELTA OM EE R. ck w/"80" AM (Devendorf-CA)
 13201 1357 INKSPECT OM EE coded broadcast SSB (Hall-CA)
 15040 2120 ALDERMAN OM EE coded Foxtrot broadcast USB (Ireland-TN)

"SPY" NUMBERS STATIONS

3000a 0210 YL SS 5-digit groups AM. 4/4 & 4/17/78 (Stone-ONTARIO)
 3060a 0405 YL SS 5-digit groups AM. 4/25/78 (Howell-CA)
 3120a 0504 YL SS 5-digit groups AM. 4/28/78 (BlaiZe-LA)
 4670a 0435 YL SS 4-digit "Final" @ 0441* AM. 4/28/78 (BlaiZe-LA)
 4780a 0430 YL SS 4-digit (Different YL) 0443* 4/25/78 (Howell-CA)
 4940 0425 YL SS 4-digit (Different YL) AM (Pettit-IA) 5/5/78
 5820a 0201 "003" YL SS 5-digit groups AM (Hall-CA)
 6400a 0210 "547" OM SS SSB 4/12/78 (Stone-ONTARIO)
 7900a 0245 YL EE 5-digit groups 4/12/78 (Stone-ONTARIO)
 6810a 0705 YL SS 5-digit "Final" @ 0710* 4/28/78 (BlaiZe-LA)
 7250a 0705 YL SS 5-digit (Different YL) "Atencion" AM 4/24 (Pettit-IA)
 8413a 0630 YL SS 5-digit groups AM (Howell-CA)
 8550a 0625 YL SS 5-digit groups AM 4/26/78 (Pettit-IA)
 9330a 0800 YL SS 5-digit groups AM 5/2/78 (Miller-CA)
 10500a 0150 YL EE "08 08" AM 4/28/78 (Zavatsky-CT)
 11375a 2143 YL accented EE 5-digit groups, ea gr repeated. "End of the
 Information" @ 2156* LSB (Compton-MA)
 11615a 0535 YL GG "Kilo Whiskey" flute mx 5-digit AM 4/9(Maghaidian-NY)

RADIOTELETYPE

ALASKA: 8457 NOJ Kodiak tlc to NRPN 100 wpm/170 hz shift (Green-UT)
 CHINA: 5915 BAP46 Hsinua Peking EE nx RY test 66/425 (Green-UT)
 CUBA: 16135a CML47 Havana RY test 66/??? (Imbert-NM)
 GHANA: 7833 9GC31 Accra RY test 66/425 (Green-UT)
 MROCCO:5460 VOA Tangier EE test, news 100/425 (Green-UT)
 TAIWAN:11338 BCW23 CGRA Taipei RY test ??/??? (Kam-HONGKONG)

LONGWAVE

208 0322 "YSK" beacon Sanikiluaq NWT Canada CW (Curtis-VT)
 260 0200* "Cousin(?) Yankee" marine forecasts AM QTH? (Zavatsky-CT)
 327 2217 "LNZ" aerobeacon Linz, Austria CW (Trochilmczyk-FRG)
 341 0653 "SOU" Kenosha WI mkr beacon CW (Gurley-IL)
 345 0935 "FCH" unidentified beacon QTH? CW (Howell-CA)
 370 1830 "JFK" aerobeacon NYC OM EE vx AM (Angeloni-NY)
 385 0445 "AUC" beacon Arauca, Colombia CW (Curtis-VT)
 404 1023 "XUC" Army beacon Ft. Rucker AL CW (Holbrook-MD)

QSL REPORTS



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

Verified Countries -- 134

Deadline: 15th of month

June again. I don't have any rhymes for it that seem appropriate so I'll just content myself with saying that for 1978 it's all downhill from here on. Hard to believe that it's only another six months until Christmas!

The country total for the year edges ever higher with some interesting Africans reported for the first time this year. Tom Gavaras and Jack Jones also check in with reports from a US Pirate--Voice of the Voyageur (Voyager); reports are hand printed on 8½ x 11 paper and are spelled differently (see above). No return address, needless to say.

Still a lot of reporters and reports this month--81 of the former (9 reporting for the first time) and over 450 of the latter. We'll try to get 'em all in, so here goes.

Europe

- ALBANIA:** R. Tirana, 7300, date/time/mb cd of man holding flag in 110d sfc for 3 IRCs and 4 previous reports (GEORGE TX)
- AUSTRIA:** ORF, 6015, f/d cd of contemporary Austrian Art--glass towers in 38d air, no rp (SMITH FL); 6155, same in 70d air for 1 IRC (PADGETT MO), f/d cd of ORF Centre w/SW studios in 30d air for 1 IRC (STONE ONT); 9770, f/d cd of Moosbrunn Xmr site in 34d air, no rp (PYNE MD); 19410, f/d cd "Lovers" in 4id air, no rp (SCHWARTZ PA)
- BELGIUM:** ORU, 6080, f/d blue/white map and logo cd in 30d air + pennant, no rp (SNYDER NY), same in 68d air, no rp (PRATH FL)
- BULGARIA:** R. Sofia, 6070, f/d cd "Kukery" (costume parade) in 63d air, no rp (FRASER MA), f/d cd "Alexandre Nevsky Cathedral" in 93d air, no rp (GARFIELD MA), date/time cd "Bachkovo Monastery" in 101d air, no rp (YAJKO PA), "Alexandre Nevsky Cathedral" in 65d air, no rp (WILLIS PA); 46.16m (?), "Nessebur" cd in 65d, no rp (WILLIS PA); 42 mb, "Alexandre Nevsky Cathedral" cd in 67d air, no rp (ROPER AL); 9530, same cd in 58d air, no rp (ANGELONI NY); 9700, same cd in 58d air, no rp (SCHWARTZ PA); 9765, "Nessebur" cd in 30d air, no rp (JOHNSON FL)
- CZECHOSLOVAKIA:** R. Prague, 5930, f/d cd "Dilo Mistra Pavla"---a work by Master Pavel (last Supper) in 55d air, 1 IRC (PADGETT MO), f/d Lake Macha cd in 30d air, 1 IRC (STONE ONT), f/d cd "View of a castle in Bratislava" in 72d air, no rp (HOOK FL); 7345, same cd in 45d air, no rp (SCHWARTZ PA), f/d cd "Trade Fair Grounds" in 49d air, no rp (FRASER MA), f/d cd, no desc. in 57d air, no rp (RUGGLEY IL); 9605, f/d cd w/photo of town in 75d no rp (HOWELL CA); 11990, f/d cd "Therma Palace" in 52d air, no rp (O'BRIEN BC); 17840, f/d cd "A Work by Master Pavel" in 46d air, no rp (SMITH FL)
- DENMARK:** R. Denmark, 15165, f/d "Radiohouse Aerial Tower" cd in 13d air, no rp (ELDER SASK), same in 26d air for 2 IRCs (KELLER CA)
- FINLAND:** R. Finland, 9255, f/d cd "Spring in Finland" in 33d air, no rp (WORREL ND); 11755, same cd in 36d air for 1 IRC (DONLY SC); 15105, same cd in 34d air, no rp (JOHNSON FL), f/d cd "Winter in Finland" in 40d air, 1 IRC (PADGETT MO)
- FRANCE:** R. France International, no fcy, staff photo in 6(?)d air, no rp (MILLER CA)
- GERMANY (Democratic Rep.):** RBI, 9730, f/d cd w/print of old clock in tower in 45d air, no rp (HAGEWOOD TN); 11890, f/d cd "Serie DDR-1 (painting of Berlin) in 60d air, no rp (JACKSON OR); 17880, f/d cd w/view of modern apartment complex in 51d air, no rp (HOOK FL), f/d cd "Marlies Oelsner/Renate Stecher/Carla Bedendorf/Barbel Eckert -- gold medalists" in 49d air, no rp (SMITH FL)
- GERMANY (Federal Rep.):** Deutsche Welle, 6075, no data multi-colored logo cd in 71d sfc, no rp (PRATH FL)
- R. Free Europe, 21720, f/d blue/white/yellow European map cd in 24d sfc, no rp (SMITH FL)
- GREAT BRITAIN:** BBC, 5975, no data "Tower Bridge" cd in 2 no air, 1 IRC (REILEY MD); 6005, same cd in 17d air, no rp (WATSON CA); 15390, no data cd, no desc, 20d (JONES VA); no fcy, no data "Tower Bridge" cd in 51d sfc, 1 IRC (PADGETT MO)
- VOA Relay, 7200, f/d "3 scenes" cd in 7d sfc (DALUM IN), same in 8d sfc (MELLINGER NJ), same in 10d sfc (NO NAME), same in 16d air (THOMPSON NM)
- GREECE:** VOA Relay, 9770, f/d 3 scenes cd in 5d sfc (MELLINGER NJ)
- V. of Greece, 11730, f/d plain white cd in 17-35d air, no rp (SAADE CA)(ZAVATSKY CT) (SMITH FL)(SCHWARTZ PA)
- HOLLAND:** R. Nederland, 6020, f/d Dx program producers cd in 50d sfc, 1 IRC (STICKLE NY); 9715, f/d Madagascar antennas cd in 51d sfc, no rp (GARFIELD MA); 11950, f/d DX program producers cd in 13d air, 1 IRC (HAGEN IL)
- ...In spite of inflation, you can still get a good argument by putting in your two cents.

HUNGARY: R. Budapest, 6015, f/d black/blue cd w/drawing of bridge and logo in 83d sfc, no rp (HOWELL CA); 6160, f/d blue/black cd w/view of Budapest at night in 90d air, 1 IRC (STONE ONT); 11910, blue cd w/Earth from satellite in 23d air, no rp (WATSON CA)

ITALY: RAI, 6010, f/d cd "Il Pescatore" in 105d air, no rp (PAOLINI CT); 9575, no data cd "1 Vianella" + ltr in 37d air, no rp (WORREL ND)

LUXEMBOURG: R. Luxembourg, 6090, f/d cd w/coat of arms and antennas in 48d air for 1 IRC (TACOMA CA), same in 63d sfc for 1 IRC (COLLINS OR)

MALTA: Xandir Malta, 5990, f/d form ltr in 124d sfc for 1 IRC (HEATH KY)

MONACO: TWR, 7105, f/d w/map of TWR xmtr sites in 70d air, 1 IRC (CHILD ME); 7125, same cd in 49d air, 2 IRCs (DALLUM IN)

NORWAY: R. Norway, 9550, f/d winter scene cd in 33d air, 2 IRCs (KELLER CA); 9610, f/d cd of mountain lodge in 59d sfc, no rp (STICKLE NY); 9645, f/d cd "De syu Søstre" Ge-tranger in 23d air, no rp (JOHNSON FL); 11860, f/d cd "Frogneseteren, Oslo" in 19d air, no rp, NN rpt (JOHNSON FL); 15175, same cd in 54d air, no rp (PAOLINI CT); 21730, same cd in 61d sfc, no rp (GARFIELD MA), f/d cd w/photo of snow covered trees and house in 66d air, no rp (PRATH FL)

POLAND: Polskie R., 6095, f/d "1977" blue/white peace cd in 86d air, no rp (HEATH KY), f/d cd "Warsaw Royal Castle" in 97d air, no rp (PECENKA IN), f/d cd w/abstract drawing of 3 people running in 97d air, no rp (PECENKA IN); 7270, same cd in 42d air, 2 IRCs (DONLY SC); 9675, same cd in 40d air for 1 IRC (HAGEN IL)

PORTUGAL: AWR, 9670, f/d dove and globe cd in 27d air for 1 IRC (STICKLE NY), f/d AWR logo cd w/faces surrounding it in 27d air for 1 IRC (STICKLE NY)

R. Portugal, 6025, f/d color pc of Lima Colonades in 37d air, 1 IRC (KELLER CA)

ROMANIA: R. Bucharest, 5990, f/d cd "Otopeni International Airport" in 71d air, no rp (PAOLINI CT), same cd in 75d air, no rp (PECENKA IN), f/d cd "Women in National Costumes of Cluj Region" in 100d air for 1 IRC (GARFIELD MA); 9570, same cd in 85d air, no rp (HOOK FL)

SPAIN: REE (Spanish Foreign R.), 6065, f/d ltr in 37d air, no rp (McCURDY CA); 9260, ltr of confirmation in 4 wks air, no rp (WATSON CA); 11880, short f/d SS form ltr in 33d air, no rp (WORREL ND), same in 34d air, no rp (STICKLE NY), same in 38d for 1 IRC (GARFIELD MA), same in 38d, no rp (THOMPSON NM)

SWEDEN: R. Sweden, 9605, f/d blue map cd in 14d air, no rp (STICKLE NY)

SWITZERLAND: Red Cross Broadcasting Service, 7210, date/fay cd of globe wearing headphones in 32d air, no rp (AMBRUSTER WI), same in 40d air for 2 IRCs (HAGEN IL)

SBC, 6045, f/d cd of SBC building in Berne, in 48d air, no rp (SMITH FL); 6135, same in 76d air, no rp (ROPER AL); 9700, same cd in 52d sfc, no rp (THOMPSON NM); 11715, same cd in 35d sfc, no rp (STICKLE NY); 11850, same cd in 56d sfc for 1 IRC (YAJKO PA); 15430, same cd in 16d air for 2 IRCs (THOMPSON CA); 11715, f/d cd w/cable car and mount-ain and village in background, no time, SS rpt and 1 IRC (ESQUIVEL CA)

Thanks to
John
Fisher



USSR: (Ed. note: fqys are as received in both kHz and MHz; spellings have been adjusted to agree with "Guide to Soviet Broadcasting." Please do not indicate sites unless so indicated on your QSL cd. Even these are suspect. For more accurate information refer to "USSR High Frequency Broadcast Newsletter.")

Lithuanian SSR: R. Vilnius, 7215, f/d cd w/drawing of town in 110d air, no rp (BYCURA PA); 7360, same in 120d air (SMITH FL); 15100, f/d cd w/drawing of trees and birds in 130d air, no rp (BRAME IL), cd w/drawing of city in 99d air (PECENKA IN)

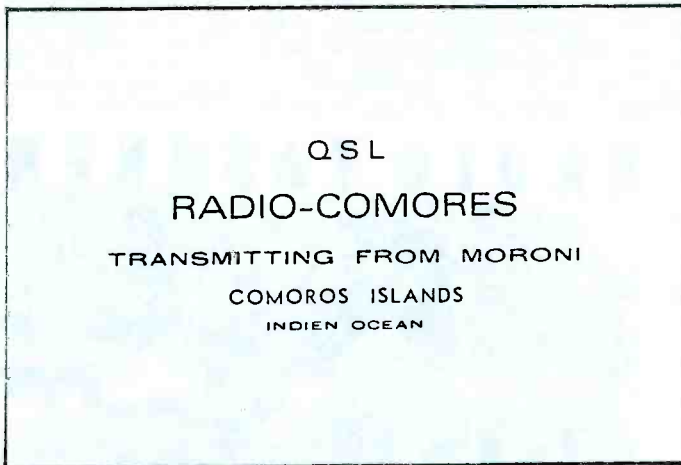
...Remember when radios plugged into the wall, and toothbrushes didn't?

USSR (continued):

ESFSR: R. Moscow, 5915, 7.11 (Moscow), 7.13 (Moscow), 7170, 7195 (Tula), 7.21 (Moscow), 7200 (Moscow), 7260, 7390, 9.70 (Moscow), 9790 (Serpukhov), 11770, 15140, 15450 (Petro-pavlovsk-Kamchatsky), 17720 (Petro-pavlovsk-Kamchatsky). F/d cds in 17-32d air, no rp.
60th Anniversary (ESQUIVEL CA)(KASPRZYK TX)(PADGETT MO)(FRASER MA)(SMITH FL)(GARFIELD MA)(KAPINOS MA)(WORREL ND), High rise building w/flowers (SMITH FL), leaning tower (GARFIELD MA), Russian Church (GARFIELD MA), Skyscraper (FRASER MA), winter scene with birch trees (SMITH FL)(GARFIELD MA)(KASPRZYK TX)(SEGLER CA)
R. Peace and Progress, 5915, gold date/time/mb cd w/logo in 58d sfc, no rp, SS rpt (ESQUIVEL CA); 11730, same cd in 27d air (JOHNSON FL); 12055, birch trees and logo cd in 30d air, no rp (RADTKE CA)
Ukrainian SSR: R. Kiev, 7360, f/d cd w/silhouette of Kiev-Pechersk Laura in 40d air (BRAME IL), f/d cd "Institute of Scientific and Technical Information" in 32d air (JOHNSON FL); 15100, f/d cd "Ukraine Palace of Culture" in 52d air, no rp (MILLER CA)
Uzbek SSR: R. Tashkent, 9540, mosaic map cd in 56d air for 1 IRC (FISHER RI)
VATICAN CITY STATE: Vatican R., 5995, f/d color cd of St. Peter's Dome and bdcst antennas in 24d air, no rp (SAADE CA); 2605, f/d cd w/commemorative stamps in 28d air, no rp (PYNE MD), f/d cd w/"color picture" in 28d air, no rp (RUGGLEY IL); 11845, f/d antenna tower cd in 14d air, no rp (WORREL ND)
YUGOSLAVIA: R. Beograd, 9620, f/d folder cd in 39d air, no rp (PYNE MD), f/d cd w/pix of Bled in 53d air, no rp (SMITH FL), f/d folder cd w/photo of Budva in 53d air, no rp (HOWELL CA), f/d cd w/pix of Mostar in 69d air + pennant, no rp (SMITH FL)

Africa

ALGERIA: Rdif. TV Algerienne, 9680, f/d blue/white logo cd in 104d sfc for 1 IRC (HAGEN)
ASCENSION ISLAND: BBC Relay, 15400, no data London Bridge cd in 17d air (SMITH FL)
BENIN (People's Rep.): LV de la Revolution Populaire, 4870, date/time cd w/five scenes in 26d air for 1 IRC, tri-lingual rpt form (BLAIZE LA), same cd in 6½ mo air for 3 IRCs (24d after f/up), FF rpt (LAZARUS LA)
CANARY ISLANDS: REE, 11880, f/d form ltr in 25d air, no rp (MACRIS MO), same in 31d air for 1 IRC and SS rpt (IRC returned) (HAGEN IL)
COMORI (Republic): R. Comores, 7260, date/time on cd + veri statement on 2-page ltr in 50d air for SASE, FF rpt, v/s Saide Hassane Jaffar (KUSALIK ONT) (SASE used)



CONGO (People's Rep.): Rdif. TV Congolaise, 15190, date only mimeo ltr in 43d air for MS (after 14 mo and 6 rpts) (PETERS KY)
EGYPT: R. Cairo, 6230, f/d cd (1st serial-4th scene) drawing of town center in 89d sfc no rp (HOWELL CA); 9475, f/d cd (1st serial-5th scene), "Pyramids along the Nile" in 87d air, no rp (MILLER CA), f/d cd w/street scene in 134d air, 1 IRC (GARFIELD MA)
IVORY COAST: Rdif. Ivoirienne, 4940, f/d map cd in 29d air for 1 IRC, FF rpt (HEATH KY); 11920, same cd in 27d air (3rd try) for 1 IRC (HAGEN IL), same cd in 120d air for 2 IRCs (FISHER RI)
KENYA: V. of Kenya, 4804, f/d aerogram w/QSL and printed pix of stn in 27d air for 2 IRCs (HEATH KY), same in 40d air for 2 IRCs (BIRKHAUSER MA) v/s Rashid Bakuli
LIBERIA: ELWA, 4770, f/d red/black drummer cd in 239d air, 2 IRCs (HEATH KY)
MALAGASY (Dem. Rep.): R. Nederland Relay, 11730, f/d DX Program Producers cd in 50d sfc for 1 IRC (STICKLE NY), f/d cd of Madagascar antennas in 16d air for 1 IRC (KAPINOS MA), same cd in 43d air for 1 IRC (KELLER CA)
...Youthful figure: the figure you get when you ask a woman her age...

MALI (Rep.): Rdif. Nationale du Mali, 5995, date/time African map cd w/Mali indicated and logo in 37d air for 2 IRCs and FF rpt (DALUM IN)

MOROCCO: VOA Relay, 7230, f/d 3 scenes cd in 9d air (THOMPSON NM)

NIGERIA: R. Nigeria, Ilorin, 7145, fgy/time form ltr directly from stn in 8 mo for 1 IRC (returned), v/s V.A. Kalejaiye, Senior Engineer (SPARKS CA)
V. of Nigeria, 7275, f/d green/white flag cd in 36d sfc, no rp (PETTIT IA), same in 144d sfc (BRAME IL), same in 81d sfc (BYGURA PA), same in 167d sfc for 1 IRC (TACOMA CA); 11770, same in 155 and 180d for 1 IRC (MILLER CA)

RHODESIA: RBC, 3396, date/fgy map cd in 28d air for 1 IRC (returned) (HEATH KY)

SENEGAL: R. Senegal, 4890, date/time cd w/photo of stringed instrument in 2 mo air for 2 IRCs, FF rpt (RADTKE CA), same in 61d air, no rp, EE/FF rpt (AMBRUSTER WI), same in 65d air for 2 IRCs, FF rpt (JACKSON OR), same in 91d sfc for 2 IRCs, EE/FF rpt (FOWLER)

SEYCHELLES: FEBA, 11785, no data yellow map cd in 35d, 1 IRC (FISHER RI); 11800, same in 22d air for 3 IRCs (KELLER CA), same in 50d, no rp (JONES VA); 21 mb, same in 21d air for 1 IRC (STICKLE NY)

SIERRA LEONE: SLBS, 3316, f/d aerogram ltr in 33d air for 2 IRCs (DALUM IN)

SOMALIA: SES, 9585, f/d b/w antenna cd in 54d air, no rp (AMBRUSTER WI)

SOUTH AFRICA: R. S., 3220, f/d SABC cd w/Radio Five typed in + ltr in 5 wks, no rp (SPARKS)
RSA, 9585, 11800, 11900, 15220, 21535. F/d giraffe cd in 30d air, 1 IRC (STONE ONT), zebra cd in 30d air for 1 IRC (ESQUIVEL CA), same + pennant in 21d for 1 IRC (JECHENTHAL IL), cd w/view of Johannesburg in 21d air, no rp (KAPINOS MA), same in 22d (GARFIELD MA)(ESQUIVEL CA), same in 20d for 2 IRCs (KENNEDY FL), same in 25d air, no rp (SMITH FL), same in 70d, no rp (MONJURE LA), cd, no desc., in 30d, no rp (RUGGLEY IL)
SABC, 4810, 4835, 4875. F/d "Industries" cd in 20-30d air for no rp or 1 IRC (SMITH FL) (BLAIZE LA)(FOWLER ONT)(ZAVATSKY CT)(PADGETT MO)

SWAZILAND: TWR, 4760, f/d antenna/warrior cd in 31d air, 1 IRC (GREENBERG KY); 17745, same cd in 29d air for 1 IRC, FF rpt (HEATH KY), same in 31d air, 1 IRC (HAGEN IL)

TANZANIA: R. Tanzania, 15435, f/d yellow cd w/"Sauti ya Tanzania" in red in 36d air for 3 IRCs (KELLER CA), same in 44d sfc for 1 IRC (MELLINGER NJ)

TOGO: R. Togo, 5047, f/d green/white map cd in 41d for 1 IRC, FF rpt (MEEHAN CT)

TUNISIA: Rdif. TV Tunisienne, 7275, f/d pc w/pix of Arab and camels at waterhole in 27d air, no rp (DALUM IN); 11970, f/d cd w/beach scene at Korbus in 35d air for IRC and FF rpt (PYAIT PA); 15225, same cd in 19d air for 1 IRC (HAGEN IL), f/d cd "Mosquee Turque" in 31d air, no rp (FOWLER ONT), Korbus cd in 19d air, no rp (JONES VA)

UGANDA: UBC, 15325, no data form ltr in 213d sfc, no rp (WILLIS PA)

Asia

BRUNEI: R. Brunei, 7215, time/fgy map cd w/logo in 19d air for 1 IRC (HOWELL CA)

CHINA (People's Rep.): R. Peking, 6200(?), date/fgy "Red Flag Canal" cd in 21d air, no rp (PETTIT IA); 15060, date/fgy "On Patrol" cd in 23d air, no rp (SMITH FL), f/d "Hand Painting" cd in 23d air for 3 IRCs (REILEY MD); 15520, "Red Flag Canal" cd in 23d air no rp (SMITH FL)

CHINA (Republic): CBS, 3230, ltr, large f/d cd + pcs in 14d, no rp (SPARKS CA)
VOFC, 9600, f/d cd "Wei Sheng's Grape Myrtle" + pennant in 34d air for 1 IRC (MARABLE ITALY); 15425, same in 49d for 1 IRC (MELLINGER NJ); 17890, f/d cd "Hsu Hsi's Gardenia Branch" + pennant in 19d air, no rp (ROPER AL), same cd in 29d air, no rp (GREENBERG KY)

CYPRUS: CBC, 7230, f/d cd w/mosaic of Cyprus scenes in 60d air, 2 IRCs (PYAIT PA)

INDIA: AIR, 9912, f/d cd "Matanjesvar & Lakshman Temple" in 390d air, no rp (FOWLER ONT); 11775, date only pc of people bathing on a beach in 30d air, 1 IRC (MELLINGER NJ); 11810, date only cd "Marine drive of Bombay" in 43d sfc, no rp (PECENKA IN)

INDONESIA: RRI Tanjung Pinang, 3225, EE ltr & color picture of stn and antenna in 27d after f/up for II rpt and MS, v/s Masdullah Eddy, Tech. Manager (SPARKS CA)
RRI Bukittinggi, 3232, Ppd cd in 18d air, for II rpt (HENDERSON MD)
RRI Samarinda, 3295, ltr and prepared cd in 3 wks after f/up for II rpt and MS, v/s H.A. Helmy Toha B.A., Kepala Stasiun (SPARKS CA)

IRAN: V. of Iran, 15084, f/d TV studio cd w/logo in 43d air, no rp (HOWELL CA)

IRAQ: R. Baghdad, 9745, f/d map cd in 36d air for 2 IRCs (STICKLE NY), same in 62d air for no rp (PRATH FL), same in 86d sfc for 1 IRC (YAJKO PA), same in 106d registered air for 1 IRC (MELLINGER NJ); 11905, same in 117d sfc, no rp (SNELLMAN PA), f/d suspension bridge and map cd in 77d sfc for 1 IRC (MACRIS MO), "Lion of Babylon" map and flag cd in 72d air, no rp (JACKSON OR), same in 110d air for 1 IRC (BAUM FL), same in 120d air for no rp (RADTKE CA)

ISRAEL: IBA, 5900, 7412, 9435, 9815. F/d cds in 46-68d air for no rp or 1 IRC "30th Year of Independence" (THOMPSON NM)(HAGWOOD TN)(GARFIELD MA)(MEEHAN CT)(PADGETT MO) (FRASER MA), f/d "Western Wall" cd in 53d air, no rp (SEGIER CA), same in 61d air for 1 IRC (PADGETT MO), date/time "Golden City" cd in 28d (LEVESQUE IL) Diane says that while the transit time was only 28 days, it took her four years to get it!

JAPAN: NHK, 5990, 9505, 15105, 15270, 17880. Date/fgy cds in 9-32d air for no rp. "Noh mask of a woman" (FRASER MA)(CLEVELAND CA)(MEEHAN CT)(PRATH FL)(CHAN OR), "A pair of Tachibana Dolls" (SMITH FL)(MCGURDY CA)(WORREL ND)(PYNE MD), "A lucky pair of Hakata Dolls" (THOMPSON NM), "Straw Horse" (MILLER CA), "Pagoda of Joruriji Temple" (PRATH FL)

KOREA (Democratic People's Rep.): R. Pyongyang, 9420, f/d cd "Song of Mt. Kungang-san" --Revolutionary opera scene + pennant, sked, letter, lapel pin and 12 pcs! In 138d sfc for no rp (GREENBERG KY); 9977, no data opera scene cd in 112d sfc, + pennant, badge, and books, etc (BRAME IL)

KOREA (Republic): R. Korea, 9650, f/d "National Flag" cd in 3 wks, no rp (LOBDELL MA); 11860, same cd + pennant in 17d air for 1 IRC (MELLINGER NJ)

MALAYSIA: R. Malaysia (Kuala Lumpur), 5965, f/d aqua colored map and logo cd in 73d air for no rp (HOWELL CA)

PAKISTAN: R. Pakistan, 9465, time/fqy cd w/picture of fountain and tower in 44d sfc for 1 IRC (HOWELL CA); 11640, veri statement folk dance cd in 240d air, 1 IRC (HOFFMAN PA), pc of Khattak Dancers w/veri statement in 8½ mo sfc, no rp (KUSALIK ONT); 15520, photo cd of main gate of Royal Fort, Lahore in 20d air for 2 IRCs (THOMPSON NM); 17665, same cd in 270d air, no rp (SMITH FL)

PHILIPPINES: FEBC, 11855, f/d blue/white map cd showing coverage in 50d air for no rp (SMITH FL); 11890, same cd in 44d air for 1 IRC (MARABLE ITALY); 17810, same cd in 3 mo sfc, no rp (ROPER AL), same in 42d air for 1 IRC (FOWLER ONT)

R. Veritas, 9590, f/d cd of lilies on a pond in 56d air for 1 IRC (CHILD ME), same in 22d air for 2 IRCs (KELLER CA), same + pennant in 18-22d, no rp (MILLER CA), f/d cd, no desc., + pennant in 20d air for 1 IRC (PETTIT IA); 11955, f/d lotus cd in 33d air for no rp (MCCURDY CA), f/d cd of children's playground in 21d air for 1 IRC (HEATH KY), no desc., no time (HENDERSON MD)

VOA Relay, 6110, 3 scenes cd in 11d (THOMPSON NM); 7165, same f/d cd in 10d (THOMPSON NM)

SARAWAK: R. Malaysia Kuching, 4835, f/d photo cd of Broadcasting House in Kuching, in 13d air for 2 IRCs (THOMPSON NM); 4950, same cd in 20d air, 1 IRC (GREENBERG KY)

R. Malaysia Sibn, 5005, same f/d cd in 28d air for MS (KUSALIK ONT)

SINGAPORE: R. Singapore, 5052, color photo of Singapore by Night in 25d air for 2 IRCs (KELLER CA)

SRI LANKA: AWR, 15425, f/d logo cd (below) in 41d air for 3 IRCs (FISHER RI), same in 39d air for 1 IRC (MELLINGER NJ)

VOA Relay, 15185, f/d 3 scenes cd in 4d sfc (MELLINGER NJ)

RADIO MONITORS INTERNATIONAL


INTERNATIONAL DX PROGRAM BROADCAST
BY THE SRI LANKA BROADCASTING CORPORATION

Frequency .. <u>15425</u> KHZ	PROGRAM ADDRESS
Power <u>0.9</u> KW.....	BOX 15
Location .. <u>S.L.A.C. KUCHING</u>	POONA
Date <u>5-3-78</u>	411001
Time <u>0315</u> GMT	INDIA

Dear M.R. F. FISHER

Thank you for your reception report which has been checked against our program logs and is hereby verified as correct.

QSL 77 *Allen Herrera*
DX HOST



SYRIA: SARBS (R. Damascus), 9655, f/d map cd w/pix of antenna in 187d air (registered) for 2 IRCs (PETERS KY)

TURKEY: V. of Turkey, 7170, f/d cd w/pix of hand-woven rug and Turkish flag in 31d air + pennant, no rp (ANGELONI NY); 9515, f/d cd "Folk Dancers in Traditional Costumes" in 31d air + pennant, no rp (FRASER MA), same in 56d air for 1 IRC (HAGEN IL), f/d cd "Ideal Matbaasi Mosque" + pennant in 29d air, no rp (STICKLE NY), f/d "picture" cd + pennant in 37d air, no rp (RUGGLEY IL), f/d cd, no desc., in 19d air, no rp (PYNE MD)

VIETNAM (Socialist Dem. Rep.): V. of Vietnam, 10040, f/d plain paper cd w/official seal + pennant in 132d air for 1 IRC (HOFFMAN PA), same in 141d sfc, no rp (GREENBERG KY)

Oceania

AUSTRALIA: ABC Brisbane, 4920, f/d map cd in 8d air for 1 IRC (MILLER CA), same in 16d air for 1 IRC (KASPRZYK TX)

ABC Perth, 15425, f/d map cd in 22d air for 1 IRC (O'BRIEN BC)

R. Australia, 5995, 9570, 9580, 9640, 11705, 11725, 11740, 11790, 15320, 17820, 17795, 21525, 21680. F/d cds in 90-95d sfc, no rp, 14-92d air for 1 IRC, 12-19d air for 2 IRCs, 3 IRCs (no time stated). "White Flowering Mallee Gum" (SMITH FL)(THOMPSON NM) (REILEY MD)(MILLER CA)(GARFIELD MA), "Pink Rose Cone" (PADGETT MO)(SMITH FL)(CHAN OR) (PECCENKA IN)(MILLER CA)(WORRELL ND)(GARFIELD MA), "Common Fringe Lily" (FRASER MA) (MILLER CA), "Lorkkeets" (PADGETT MO)(THOMPSON CA)(THOMPSON NM)(MILLER CA), "Blue Wren" (MILLER CA), "Scarlet-Crested Parakeet" (SMITH FL)(LOBDELL MA), "Bird" cd (MCCURDY CA)

.....Many a live wire would be dead without connections.....

GUAM: TWR, 9640, f/d green map cd in 44d sfc for MS (MACRIS MO); 11730, same cd in 93d sfc for no rp (FISHER RI); 15175, same cd in 59d air for MS (THOMPSON NM), same cd in 65d air, no rp (AMBRUSTER WI), same cd, no time, received by air for MS (THOMPSON NM); 17855, f/d palm tree and sailboat cd in 25d air, no rp (GREENBERG KY)

NEW CALEDONIA: R. Noumea, 7170, f/d orange logo cd in 10mo air (1 mo after f/up) for IRC and FF rpt (PYATT PA)

NEW ZEALAND: RNZ, 11780, f/d color cd of mountain and farm in 63d sfc for 2 IRCs (KELLER CA); 15170, f/d cd of lake and snow covered mountains + pennant in 23d air for no rp (HOWELL CA), f/d cd of hot springs + pennant + kiwi pin in 28d air for 2 IRCs (O'BRIEN BC), f/d pastoral scene of mountains in 31d air, 1 IRC (SMITH FL), f/d cd of tourists and native carvings in 24d air for 2 IRCs (HAGEWOOD TN), same in 32d air for 2 IRCs (SNELLMAN PA)

PAPUA NEW GUINEA: R. West New Britain, 2340, f/d map cd w/power in 21d air for MS + pennant, tourist info (KUSALIK ONT)
R. New Ireland, 2428, f/d yellow map cd w/power in 21d air for MS + pennant (KUSALIK ONT), f/d map cd in 16d after f/up from Boroko (SPARKS CA)
R. Morobe, 3220, f/d map cd + pennant in 21d air for MS (KUSALIK ONT)
R. Gulf District, 3245, f/d map cd + pennant, bumper sticker in 21d air for MS (KUSALIK ONT)
R. Southern Highlands, 3275, f/d map cd + pennant, bumper sticker in 21d air for MS (KUSALIK ONT)
R. East Sepik, 3335, f/d map cd + pennant in 230d air for 3 IRCs (GAVARAS MN)
R. Milne Bay, 3360, f/d map cd + pennant, bumper sticker in 21d air for MS (KUSALIK ONT)
R. Manus, 3905, f/d map cd + pennant in 21d air for MS (KUSALIK ONT), no desc., 20d air (HENDERSON MD)
NBC Port Moresby, 4890, f/d map cd in 29d air, no rp (PYNE MD), same + bumper sticker in 30d air for 2 IRCs (GARMS AZ)

TAHITI: R. Tahiti, 11825, date/time cd of island girl on beach in 28d air for 2 IRCs (KELLER CA); 15170, same cd in 22d air, 1 IRC (BIRKHAUSER MA), same in 35d air for 1 IRC (ROPER AL), same in 51d air for 1 IRC (SMITH FL), same in 84d air, no rp (HOWELL)

South America

BRAZIL: R. Educação Rural de Coari LTDA, 2490, f/d typewritten plain white cd (below) in 3 mo air for 3 IRCs (DONLY SC)
R. Nacional de Brasília, 11780, f/d plain white cd in 35d air for 1 IRC (THOMPSON NM), cd of Rio Capiberibe C. Ponte Princesa Isabel in 4 mo air, no rp (RADTKE CA)

Q S L

Rádio Educação Rural de Coari LTDA.

This is to verify that your reception report on our transmission in the Português language broadcast on a frequency of 120 mm from 0015 to 0043 hours GMT on the date of 1/22/1978 corresponded with our station log of the same day. We broadcast on shortwave with a power of 2.490 kHz.

Lashe Martin
Chief technician

RERC

COLOMBIA: R. Bucaramanga, 4845, date only blue/white logo cd in 14d air for 1 IRC, SS rpt (HEATH KY), same in 22d air for 1 IRC, EE/SS rpt (FISHER RI)
Em. Meridiano 70, 4925, no data personal ltr + pennant in 11 mo air for MS and SS rpt (25d after 3rd f/up) (LAZARUS LA)
R. Sutatenza, 5095, f/d "New Years" type cd in 20d air for 1 IRC, SS rpt (KENNEDY FL), f/d personal message Christmas cd in 39d air for 1 IRC, SS rpt (HEATH KY)
R. Melodia, 6140, no data small business cd w/hand-written msg, 20d air for MS and SS rpt (LAZARUS LA)

ECUADOR: R. Zaracay, 3390, friendly ltr in SS w/veri statement + pennant in 2 mo air for SS rpt w/tape and MS (LOHDELL MA)
R. Pastaza y Voz de Oriente, 3315, ltr in 5 wks for SS rpt and MS (SPARKS CA)
R. Paz y Bien, 4820, cd in 4 mo for SS rpt and MS, f/d (SPARKS CA)
R. Quito, 4920, fqy only folder cd in 25d for 1 IRC, SS rpt (NEECHAN CT)

ECUADOR (continued): R. Splendit, 5025, ltr in 3 yrs for SS rpt and MS, f/d (SPARKS CA)
Instituto Oceanografico de la Armada, 7600, no data personal ltr in 6½ mo registered
air for MS and SS rpt (LAZARUS LA)
HCJB, 6075, 9560, 11745, 11915, 15115, 15295, 15300, 17795. F/d cds in 19-44d for no
rp, 18-59d for 1 IRC, 14-63d for 2 IRCs, 30-57d for MS. Fishermen/logo cd (KELLER CA)
(THOMPSON CA), HCJB logo (SMITH FL), Control room (THOMPSON CA), 10-channel Neve control
board (YAJKO PA)(SMITH FL), Ensemble in World Radio Chapel (THOMPSON CA), Newsmen in
action (THOMPSON NM), Inca design, HCJB sign (SMITH FL), Standby generators (FRASER MA)
(BAUM FL), old green studio cd (SMITH FL), Enchanting Ecuadorian Coast (THOMPSON NM)
(KAPINOS MA)(FOWLER ONT)(SMITH FL)(PADGETT MO)(LOBDELL MA)(MONJURE LA), no desc.,
(HOUCX SC)

FRENCH GUYANA: FR3, 3385, fqy only b/w logó cd in 18d air, FF rpt, 1 IRC (HEATH KY)
PERU: R. Cultural Amauta, 4955, picture pc w/EE veri text handwritten on back, in 10 wks
for SS rpt and MS (SPARKS CA)
R. del Pacifico, 9675, f/d cd of Machu Picchu ruins w/SS/EE text, in 38d air for SS rpt,
1 IRC (HEATH KY)

VENEZUELA: LV del Tigre, 3255, date + veri statement SS form ltr + pennant in 7 wks air
for SS rpt w/MS, v/s Graciela Cedenó (LOBDELL MA), same in 35d air for 1 IRC, SS rpt
(HEATH KY) (Chris reports that Graciela says she's single, 20, and has studied 4 yrs of
science!)

R. Juventud, 4900, date/fqy "Dancing teenagers" cd in 51d, no rp, SS rp (BRAME IL)
R. Rumbos, 4970, f/d "Puente General Rafael Urdaneta" cd in 274d sfc for 1 IRC, SS rpt
(HEATH KY), f/d cd (sorry Bill, couldn't read your description!) in 197d sfc, no rp,
EE/SS rpt (MILLER CA)
Ecos del Torbes, 4980, date only form ltr w/veri statement and wrong date in 154d air,
for MS and SS rpt (HOFFMAN PA)
R. Rumbos, 9660, f/d city highway cd in 210d sfc, no rp, SS rpt (MEEHAN CT), f/d "La
Casa Fuerte" cd in 43 wks air for 1 IRC (THOMPSON CA)

North America

ANTIGUA: BEC Relay, 6175, no data bridge cd in 21d air (KAPINOS MA), same in 42d air
(McCURDY CA)

BELIZE: R. Belize, 3385, date only map cd in 24d air for 1 IRC (HEATH KY), same in 2½ mo
for 2 IRCs (LOBDELL MA)

CANADA: CFRX, 6070, date/fqy mobile cruiser cd in 30d, no rp (JONES VA)
CHNX, 6130, date/fqy plain white cd in 14d air for MS (KAPINOS MA), same in 9d air, no
rp (STICKLE NY), same in 10d, no rp (JONES VA)

CKZN, 6160, f/d cd, ltr, travel folder in 2 wks for MS (SPARKS CA)
CHU (time and fqy), 7335, fqy only Sir Sanford Fleming cd in 14d, no rp (STICKLE NY)

COSTA RICA: R. Relej, 4832, f/d cd of 2 men on mountain top, 47d air for 1 IRC and SS
rpt (BIRKHAUSER MA)

CUBA: R. Havana, 17885, f/d red/black geometric design cd in 109d air (SMITH FL)

GUATEMALA: R. Cultural, 3300, date/fqy "Quetzal Bird" cd in 17d, 1 IRC (MELLINGER NJ)
LV de Nahuala, 3360, f/d plain blue cd + pennant in 59d air, 1 IRC, SS rpt (HOFFMAN PA)

R. Mam, 4825, date only personal ltr in 31d air, 1 IRC, SS rpt (HEATH KY), date/fqy
veri statement ltr in 61d air for 1 IRC, SS rpt (HOFFMAN PA)

R. Miramundo, 6160, picture pc in 2 mo for SS rpt and MS (SPARKS CA)

HONDURAS: LV Evangelica, 4820, f/d map cd in 160d sfc for 1 IRC (MELLINGER NJ), same cd
in 8 mo for 1 IRC (ROPER AL), same cd in 314d sfc for 1 IRC (HEATH KY)

NETHERLANDS ANTILLES: R. Nederland Relay, 6165, 9590, 9715. F/d DX Jukebox cd in 88d
sfc for 1 IRC (McCURDY CA), f/d curtain antenna cd in 17d air for 1 IRC (KENNEDY FL),
f/d wooden antenna towers cd, no time, no rp (WORREL ND), f/d DX Program Producers cd
in 20d air, no rp (SMITH FL), same in 64d sfc, 1 IRC (PADGETT MO)

TWR, 11925, f/d map cd of TWR stns in 38d air, no rp (STICKLE NY), f/d cd of construct-
ion of S. American antenna in 108d sfc, no rp (ANGELONI NY)

NICARAGUA: Rdif. Nacional, 5945, date/fqy ltr in 120d air for MS and SS rpt. SS ltr
says will be on 1875 w/100 kw (GAVARAS MN)

UNITED STATES: AFRIS, 11790, f/d cd in 162d sfc, no rp (MELLINGER NJ)

BBC (Dixon), 6015, no data bridge cd in 22d air for SS rpt (ESQUIVEL CA)

UN Radio, 49 mb, multilingual UN cd in 129d sfc (SNYDER NY); 19 mb, same, 112d (BRAME IL)

VOA--a whole slew of reports from (MELLINGER NJ)(HOWELL CA)(PADGETT MO)(KAPINOS MA)

WWV, 15000, f/d cd in 63d sfc (SNELLMAN PA)

WYFR, 6155, f/d blue/white cd, no time (WORREL ND); 15160, same in 30d (KELLER CA)

Pirate

Voice of the Voyager, 5850, hand printed QSL (unsolicited) on 8½ x 11 paper from the
"Brotherhood of Bootleggers (sic) Inc" sent to Tom Gavaras for reports in DX Club Bull-
etins. Labeled first QSL. Jack Jones received a similar one mailed from Ann Arbor, MI
spelled "Voyager" but with "bootleggers" spelled correctly. No return address on en-
velope. Tom phoned me this evening and said DXers in his area have been receiving
phone calls from the station.

Out of space again. C U in 30. 73's, *Bill*

5/15/78

Tips and Topics

The Feature Section of SPEEDX

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

Technical Month...

Many members have been asking if I can publish more technical articles within Tips and Topics. Well, this month I will fulfill this request. I am going to devote the entire column this month to the very best technical articles that I have received during the last several months. In this issue you will find a receiver review in addition to several antenna articles as well as some technical articles of a more general nature. Do enjoy, for this column is devoted to you!

THE DRAKE SW-4A RECEIVER

By Steve Kennedy

The SPR-4 receiver is one of the more popular receivers in use today by SWL/DXers. It replaced the SW-4A in 1974, and often I have wondered where are all the SW-4A's made over the years. I am an owner of a SW-4A, and feel it is a fine set; despite the misunderstanding a lot of SWL/DXers have about it.

The SW-4A was the first direct reading dial receiver sold at a price many SWL/DXers could afford. . . \$335.00 new. This set has only 5 controls. . . volume, tone, tuning, preselector, band change, and was simple to operate. The circuit has 6 tubes, 7 transistors, and 8 diodes. It is simple to maintain, and seldom require little adjustment of the RF and IF circuits.

A few suggestions here will enable you to enjoy your SW-4A, and help resist the temptation to trade it off for another set. Once a year, purchase a set of tubes from your local electronics supply and retube the entire set. There are only 6 tubes in the circuit, so an investment of \$25.00 has to be reasonable for an improvement of sensitivity! I recommend using Amperex tubes since these have a lot less internal noise than other brands.

After you have retubed the set, a slight touch-up of alignment should have the set in A-1 shape. Be sure to read the alignment directions very carefully in the manual before attempting to retune the set. If you feel you will not be able to do it, have a ham or a competent DXer do it for you.

A vast improvement in sensitivity can be obtained by using a pre-selector or a tunable preamp. I use an Ameco preamp on mine and have heard over 130 countries. Selectivity is the only fault with the SW-4A. It is too wide for real serious DXing. . . about 5 kHz wide at -6 db. There are only two solutions which will improve on the selectivity of the SW-4A. The easiest is to use an audio filter like those made for SSB use. It is simply connected to the speaker terminals on the rear chassis. . . and really works! Or, if you expect to keep the set, add a Collins mechanical filter. I use a 3.1 kHz filter, connected into the first IF amplifier. This may seem a little expensive, but the extra expense is well worth it. My SW-4A will separate stations from QRM like a R-390A!

Although the SW-4A is equipped with crystals for medium wave, and the 49 through 11 meter bands; it is possible to tune the 60 meter by merely inserting a 15.590 MHz crystal into the socket provided for the 49 or 41 meter bands. I have also been able to tune 60 meters by simply setting the bandswitch to 7.0, tuning the dial to .123 in the dial

window, and peaking the preselector to the 9 o'clock position. At night WWV should appear at this setting. However, the tuning knob will not read out 35 kHz per revolution, and the set will tune "backwards". That is, when the dial is tuned to a higher setting, the receiver is actually being tuned to a lower frequency. Remember, if you try this trick with your SW-4A, be sure to set up your dial for proper calibration, and when the knob is moved 5 kHz as marked on the rim of the knob. . . it is actually 10 kHz. This applies to this trick only, so don't worry about it if you have a crystal for 60 meters.

All in all, the SW-4A is still a decent receiver for a back up set or for a starter for the beginner. Used ones are available at many ham equipment dealers for about \$225.00 for one in A-1 shape to maybe \$150 for one in average condition. The SW-4A must be a good receiver. . . HCJB uses them for off air monitors!

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THE LAST RESORT ANTENNA THAT WORKS!!!

by Michael Maghakian

Are you ready to commit suicide because you can't run an antenna to your roof and an indoor antenna won't pull them in? Well, hope is on the way with the "Last Resort" antenna!

If you live in an apartment above the ground and below the roof of your building (no underground apartments please) and your windows have at least ten feet between the two farthest windows, then the "Last Resort" antenna can be your savior.

What is this antenna? Basically it is a short wire (as opposed to a long wire) antenna which would be noticable only by someone looking for it and within a few feet of the wire itself, so you can see, no one will see it but you.

How do you build it? First let us picture the environment we will be working in. Assume the building you live in is of a normal shape (square, rectangle type), in other words it does not have rooms sticking out all over. Assuming you have four or five straight windows on one side of your building, then two people looking out of the two farthest windows should be able to see one another without difficulty. If you meet this condition then let us proceed. My idea is to get a wire connected between the two farthest apart windows. This wire will be used as an antenna. In many cases the length will be up to fifty feet long, indeed a satisfactory length for a good antenna.

As for putting this antenna up, well there are many possibilities of which I will discuss a few. The basic idea assumes you must work only from your windows. Working from your own window means you should work one window at a time. Assuming you have four windows spread over thirty five feet. Take about 45 feet of 20-24 gauge insulated or bare copper wire and with the help of a stick of some sort (broom handle, etc.) tape the end of the wire to the stick and leaning out of the window with the stick (and wire) pointing as near as possible to the second window, have a friend pull the wire off the stick and through the second window. Then take the stick to the second window and have your friend go to the third window and repeat the procedure again. Do this until you reach the last window. Then secure the wire outside the last window, allowing for slack for the wind.

A variation of this plan might include dropping from the end windows a length of string to the ground and have someone tie them together therefore making the string continuous from the windows. Then tie the wire to one string end and pull in the string at the other end, pulling with it the wire. This plan is useful if you live within a few floors of the ground. If you live a few floors below the roof then consider this idea: take a string to the roof and drop each end to the end windows and proceed from there. If you live in the middle floors of a high rise building then the original idea or your own variation would be used.

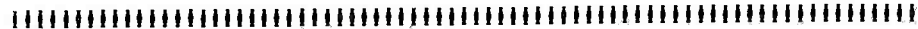
When leading in to the radio, you can either use one of the ends if your receiver is in a room with the end window or you can tap the wire and make a sort of "T" antenna.

The performance of this antenna is very good. I use a variation of this antenna and pull in stations from all directions. With as little as fifteen feet you should pull in more stations than with an indoor antenna, and bring a smile to your face.

I welcome any comments, questions or suggestions that you may have regarding the "Last Resort" antenna. My address is 2819 Morris Ave, Bronx, NY 10468.



A HINT ON IMPROVING RECEPTION. . .by David Ambruster. . .Here's a tip that may help a lot of SPEEDX'ers improve reception. Many members are aware of "buzzing" noises that can virtually ruin reception, especially on the lower frequencies. These annoyances can be virtually eliminated by turning off some household appliances. As many DX'ers know, the most common culprit is the fluorescent light. Other offenders include television sets, CB radios, riosstats, humidifiers, dishwashers and countless more. Of course, if your household is anything like mine, you may not have too much say on whether or not the dishwasher runs or not, but a simple explanation, and maybe an offer to do the dishes later, may help convince non-DX'ers that Ulan Bator Radio is more important than the dishes! So, if you want to improve reception, and maybe pull in a few new stations - **TURN OFF THAT FLUORESCENT LIGHT.**



SOME NOTES ON THE 1978 HAMVENTION

by Serge Peter Neumann

Probably close to 23,000 persons attended the three day annual HAMvention, held this year at the Hara Arena and sponsored by the Dayton Amateur Radio Association. Of primary interest to shortwave DXers:

Torrestronics, Inc. has introduced a "universal digital frequency readout" unit that is guaranteed to work with ANY receiver, regardless of IF frequencies. Connects directly to rear of Drake, Kenwood and Heathkit receivers; connects internally to others. Is four digit readout, with last digit in increments of 100 Hz. There is NO megaHertz readout, so what you get for a frequency such as 4885.5 kHz would be 885.5 on the counter. HAMvention display showed the unit in operation on all bands of an HQ-180A, which is double and triple conversion; and on a Drake unit also. Lists at \$89.95 kit and enclosures. Built and tested price at HAMvention was \$109.00. Address: Torrestronics, Inc., 4850 Hollywreath Ct, Dayton, OH 45424. (Coverage is 1 to 50 MHz and although I've seen unit in use, have not yet purchased one. . . but plan on doing so this summer. They were selling like hot-cakes at Dayton.)

Drake's new R-7 receiver, the sister version of the TR-7 transceiver, is going on the market at \$795. It's a solid state, synthesized readout receiver in a new look design which seems to be in this year: it looks more like an FM tuner. My guess is that it will replace the R4C although none of the reps at the booth would come out and say it. One told me "it's possible," and that's as close as I got. R-7 has an excellent external, clear plastic band selector switch on the left which is very functional in design, but looks like something off a CHEAP FM tuner. . .

Yaesu's new FR-7000 was also on display, but that's about all. The reps just got it in, or so they said: they had not received any spec sheet nor price list, and know little of the receiver. Shaped much like Drake R-7 unit. Has tiny speaker built in (which I didn't like), direct readout and lacks notch filtering. Has built in digital clock which can read out in GMT or local time. . .

For someone who's used to using equipment you can get your hands on, the trend was disappointing for me: delicate little knobs and meters that are hard to get a hold of and read.

Other feature: The flea market was simply fabulous, and far more enjoyable than the new product displays. In excess of 150 vendors came from around the country to sell used gear. Used HQ-180's were going for between \$275-\$300; an SFR-4 for \$475. An R4B for less than \$400. Lots of military and scrap gear. An impeccably clean R-390A was going for \$400, in fact it could have been new (but wasn't). Some really good buys, some were rip-offs. Either way, it was lots of fun looking. Next HAMvention in Dayton to be held April 27, 28, 29 1979.

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HELICALLY WOUND VERTICAL FOR SWL

By Randy Lindsey

Last summer as I was just beginning as a SWL I was searching for a workable antenna system. For the 49, 31, 25 and 19 meter bands I decided on a quarter wave multiband dipole mounted on the roof of my two story apartment building. I did not have room however to construct a dipole for the 120, 90, 75 or 60 meter bands.

The answer I settled on was a helically wound vertical described in the ARRL's Radio Amateur's Handbook (1977 ed. pp. 606,607). I decided to make several modifications to their design since mine was not to be a transmitting antenna. The description that is contained is of my antenna as it stands today, for the original design please refer to the handbook.

The mast of the antenna must meet several important considerations: (1) It must be a dielectric, (2) it must be weather proof, (3) it must be strong enough to stand the amount of stress (wind, etc) placed on it, and (4) it should be round to insure complete omnidirectional response.

My choice for a mast was a twelve foot length of hand rail. I located it at a building supply outlet. It was completely sealed with spar varnish, four coats.

The next step was to wind the mast. I chose 20 gauge, insulated, solid conductor wire. The helically wound antenna will be electrically $\frac{1}{4}$ wave when wound with $\frac{1}{2}$ wave length of wire. (Please note that it was my experience using a dip meter, that unless coax lead in is used, the length of the lead in must be considered in the antenna.) Before beginning to wrap, I coated the mast with another layer of spar varnish and allowed this to become tacky, this helped to hold the windings in place during construction. The antenna should be spaced wound in as linear a manner as possible. The distance between wraps was one inch (I am not sure this is really critical in a receiving-only antenna.)

Once the antenna was wrapped the entire mast was again given four coats of spar varnish to hold the windings in place and insure weather proofing.

According to the handbook, the high end of the antenna should have 6 inch metal disk or 12 inch spike connected to the winding to act as a capacitance gain. This was omitted as it was deemed unnecessary for reception.

For a lead in, I again chose 20 gauge, insulated, sold conductor wire.

A vertical antenna needs to work against a good earth ground system for best results. As an apartment dweller it was impossible for me to construct an in ground, ground plane. My solution for this was to use a 10 ft length of copper tubing driven completely into the ground. A one point ground system is not to be recommended for optimum performance but has worked satisfactorily for me.

To mount the antenna I used four TV mast type U-bolt brackets. I would suggest when using a wooden mast that 25-35% of the total mast height be located between the top and bottom brackets unless guys are to be used.

My finished product sits atop my apartment building. The top of the mast is 42 feet above ground level. I used no guy wires and the mast has survived the 35-40 mph winds of this last winter with no problems. The antenna is resonant at 3.1 MHz. I work it with a coil and capacitor tuner into a DX-160. This set up has been satisfactory for the bands intended and performs within 2 S-units of my dipole at the higher bands.

10 MOST WANTED

by Robert Beaudoin

Sooner or later most SWL's develop a preferred list of stations and countries to hear and/or QSL. I wondered if there was much difference among DXers of the East Coast versus West Coast. Analyzing results submitted over the past 7 weeks I have found very little difference. No comparison between US versus Europe can be made from the one report from England that was received; surprisingly, his "most wanted" were similar to the US choices. Apparently, a very rare country is rare over most of the globe. Asia and Pacific are the most difficult to hear and confirm.

In the order of most votes received we have the following:

1. Mongolia
2. Antarctica
3. Cook Islands
4. Falkland Island
5. Maldives
6. Bhutan
7. Tristan da Cuna
8. New Hebrides
9. Comoro Island
10. Cambodia

Almost all stations reported Mongolia as the number 1 most "sought after" confirmation; including yours truly.

I had intended to report on the most favored QSL of all but received only limited response to this item. I was not surprised to see many Utility stations listed for the question.

Over all, I am quite happy with the responses to the "most wanted"; yet now I feel compelled to go one stage further in asking all our Mongolian SWL'ers what is your "most wanted?"

MYSTERY RADIO SIGNALS DELAY SATELLITE LAUNCH. . . Mysterious radio signals, whose origin cannot be traced led to the postponement on Sunday, November 20, 1977 of the scheduled launching of Meteosat, the first European weather satellite.

The parasite signals were on the same frequency as the one that would be used to send self-destruct orders in case something went wrong with Meteosat's launcher, US Thor-Delta rocket.

The delay was the fourth in launching Meteosat, which will be the European space agency's 13th satellite and the first to be used for weather research. The launch had been rescheduled for the 22nd of November.

Two previous launch rockets and satellites were destroyed because of malfunctions. (The Vancouver Sun, Canada, November 21, 1977 by Don Dutkowski.)

NORDMENDE GLOBETROTTER 308 RECEIVER

E. V. Sandy Blaize,

I recently had the pleasure of testing the Nordmende 308 all band receiver. The set is a large size portable, about the size and layout of the Grundig Satellit series, which it no doubt was produced to compete with. It is a little lighter and smaller than the Grundig, and the dial has been somewhat simplified. It is offered as an "SSE receiver" and was found to be satisfactory for SSB reception on the general coverage bands and the "spread" bands. Tuning on the general coverage bands is a bit touchy, but once the signal desired is tuned in, the set was amazingly stable considering the arrangement. I listened to 6540 one night (aeronautical SSB) for about two hours and didn't retune, once the set settled down.

The dial scheme is rather unusual in that the LW, MW and SW1 ranges can be read from the top and front of the big slide rule dial. FM and "spread" band turret is read from the front only, while SW2 and SW3 bands are on top only. This is kind of unhandy if you do any UTE DXing, as you must get up out of your chair to tune the two highest bands in order to see the scales if you have the receiver sitting on a normal height desk. The general coverage SW bands tune 1.6 thru 19 MHz. in the three bands. Performance on these bands was good, but one has to interpolate by "eyeball" the frequency as the calibration marks are fairly far apart.

The "spread" ranges cover amateur bands from 80 thru 10 meters as well as SWBC bands from 49 thru 11 meters. SSB reception on these bands is stable and very satisfactory. The "S" meter is calibrated in QSA units from 1 to 5 and appears to be useful and accurate. It really takes a whollop signal to make it read "5"!! The set performed well on both its built in whip antenna and a 26 meter end fed longwire with no sign of spurious responses or images. One disappointing thing was the omission of the 60 meter band from the "spread" ranges. This popular DXers band must be tuned on the not too well calibrated SW2 band, and finding a station by frequency is a chore.

The dials and "S" meter are illuminated at all times when the set is used on AC power and a pushbutton switches on the lamps when the batteries are in use. Dial illumination, while not very bright, is adequate in a darkened room.

A "DIN" socket is provided on the side for recorder input/output. The line cable stores in a compartment in the rear of the receiver when not in use. The set will work from 115 or 230 volts AC 50-60 Hz. Voltage range is selected by a coin slot operated switch. It may also be powered by an external voltage source from 9-16 volts DC. Batteries are the standard "D" cells and the set uses 6. NiCad batteries were tried and the set worked very well on these. The changeover to batteries from AC is automatic when the line cord is pulled out of its socket. (Similar to the new Panasonic sets.)

For SSB operation, a product detector is used and the built-in BFO has a front panel pitch control, which doubles as a fine tune control when using SSB on the "touchy" general coverage bands: SW1-3. AGC is defeatable, if desired and an RF gain or sensitivity control is provided. AGC works fairly well on SSB, but has a short time constant which makes strong SSB signals "pop" between words.

Two degrees of selectivity are provided: Broad and Sharp. The sharp position is adequate to separate some close stations, but could be sharper for really "digging them out". The Sharp position also cuts in an audio filter to limit the audio bandpass of the receiver, and this helps filter out some of the "crud" and tends to minimize low frequency hets.

One feature peculiar to this receiver is a "squelch" control. This is set by a pot in the rear of the set and switched on and off on the front panel. I wished they had put the level or "threshold" control on the front panel, as it would have been easier to get at! It proved very useful when monitoring a UTE "network" frequency where there are short transmissions followed by periods of static that are best "quieted" to save the family's nerves! (For example: Aero or Coast Guard channels.)

The FM band produces very nice hi-fidelity audio when you are tired of BBC, Radio Nederland or whatever. Sound is reproduced by twin loudspeakers and a 7 watt music power audio amplifier. (4 watts on batteries due to reduced voltage on audio trannys in the output stages)

This receiver, while adequate for the SWL or casual DXer cannot be classified as a "Communications" receiver. It will serve the SWL/DXer well who plans to use the hobby as a stepping stone into amateur radio due to the "dual band" function, and can be called upon as an auxiliary "ham" receiver.

For the technically inclined, tests in my "lab" gleaned the following:
 Measured sensitivity: (For 10 db. S/N+N on "AM" mode)

LW band= 50-70 uv., MW band=40-60 uv., SW1 thru SW3= 1.5-5 uv.,
 "Spread" ranges=1.5-2.5 uv.

(Measured using an ACVTM and a URM-25 signal generator modulated 30% by a 1000 Hz. tone.)

Image rejection: Better than 40 db. from SW1-SW3. Better than 60 db. on "spread" bands. Not measured on LW, MW and FM bands. No detectable images were experienced whilst "listening" tests were in progress.

Bands Covered: 145-420 kHz., 515-19,000 kHz. in 5 bands, plus FM-88-108 Mhz,

Bandspread: 11 bands covering 80, 40, 20, 15 and 10 meter amateur bands.

49, 41, 31, 25, 19, 16, 13 and 11 meter bands. Plus CB band.

SELECTIVITY: Broad Sharp

(db. down)	kHz.	kHz.
6	5.5	3.8
20	8.7	6.0
40	15.0	10.0
60	24.0	16.0

Audio response is 50-4200 Hz. in Broad and 400-4200 Hz. in sharp. (Flat response in Short wave bands)

Audio is "HI-fi" in FM band.

As stated before, the arrangement is quite similar to the Grundig Satellit and three separate tuning controls are used to tune 1.) MW, LW, SW1-SW3, 2.) FM and 3.) the "spread" bands. This makes it nice, as you can leave the FM pointer set at your favorite FM station with out disturbing the setting when going to other bands. Band selection is accomplished by pushbuttons on top of the set, while the "spread" bands are selected by a rotary knob on the right side of the set. A separate scale coming up for each "spread" range.

For a multilingual color brochure with a full description of the set, and prices, write to Mr. Robert Silver, Sterling Hi-Fidelity, Inc., 22-20 40th Ave., Long Island City, N.Y., 11101, Sole importers for the Nordmende line.

I would like to express my appreciation to Bob Silver, who graciously loaned the receiver for tests.

OUT OF THE PAST-1931

PCJ QSL dated March 21, 1931 sent in by SPEEDXER HENRY SHAW

Maximum power: 27 kw
 Frequency: 9.59 mc

PCJ commenced operating in March 1927 w/BCs to the Dutch East Indies.

Announcements in: Dutch English, French, German, and Spanish.

This PCJ QSL from PHILIPS RADIO LABORATORIES, Eindhoven, Holland, is a classic! Few of us have QSLs from 47 years ago. Henry Shaw of Cape May Point, New Jersey, sent several QSLs dating from 1931 - 1935 to HQS. Unfortunately, most will not reproduce well. Like many of us, they don't look as good now as they did 45 or 50 years ago, hi!
 A few others that Henry sent: HCJB...March 1934. HRB "The Voice of the Tropics"...April 1931 on 6006 kc. Hungary...1935. Spain...1932. France...1931. Australia...1932.

We hope to print a few more as space permits in future issues. Thanks Henry!

JUNE CONTRIBUTORS PAGE

Each contributors name is preceded by a number, this number indicates how many SPEEDX columns a specific reporter contributed to this month. Credits for sections other than SWBC, QSL, UTE and SKEDS are not listed here, they are recorded separately by the membership chairman by perusing each issue. The * preceding a number indicates credit is given for points that were missed the previous month.

1	ALEXANDER, RODNEY	IA....SPR-4	1	HERKIMER, JAMES	NY....HQ-129X
1	AMBRUSTER, DAVID	WI....CRF-160	1	HOBSON, KEVIN	MI....FRG-7
4	ANDERSON, PETER	NY....R-300	2	HODSDON, TOM	MN....FRG-7
5	ANGELONI, RICHARD	NY....DX-160	1	HOFFMAN, CHARLES	PA....FRG-7
2	BALDWIN, MIKE	NC....FRG-7	1	HOGAN, JAMES	NC....DX-160
1	BARTUNEK, EWALD	AUSTRIA....FRG-7	2	HOLBROOK, HANK	MD....SP-600
6	BAUM, RICKY	FL.ICF-5900	2	HOOK, JERRY	FL....DR-22
5	BENJAMIN, LORENZO	CA....SX-190	1	HOUCK, DAVID	SC.....S&S
1	BEUKELMAN, W.	HOLLAND....XCR-30	6	HOWELL, JOE	CA....DX-160
4	BILLER, JEFFREY	NJ....DX-160	1	ISHIZAKI, YASUO	JAPAN.ICF-5900
4	BIRKHAUSER, DEAN	MA....DX-160	5	IRELAND, JERRY	TN....FRG-7
*1	BIXBY, MARK	CA....FRG-7	6	JACKSON, RANDALL	OR.ICF-5900
6	BLAIZE, SANDY	LA.....51J3	5	JECHENTHAL, JOE	IL....DX-160
1	BODELL, BOB	OR....R-390A	4	JOHNSON, RICHARD	FL....DX-160
1	BOWMAN, JAMES	GA....R-390A	6	JONES, DAVID	VA....51S-1
2	BRAME, DAN	IL....ASTRO-4	*3	JONES, JACK	MS....DX-150A
4	BROCKWELL, LARRY	CA....FRG-7	1	KAPINOS, JOHN	MA....SP-600
4	BRYAN, JAMES	CA....SPR-4	2	KASPRZYK, EMIL	TX....R4-6
4	BUHAGIAR, ANTHONY	ONT....SX-190	1	KATO, YASUSHI	JAPAN....FR-101
1	BYCURA, JOHN	PA....PTL-9	1	KAUFMAN, MALCOLM	NY.....SW4A
2	CHABAK, MIKE	CO....HQ-180	5	KELLER, ERIC	CA....R390-A
4	CHAN, DAVID	OR....S-118	2	KEMP-BLAIR, KEN	CA....SX-122
2	CHILD, CRAIG	ME....FRG-7	1	KENNEDY, STEVE	FL....SW4A
1	CLEVELAND, BILL	CA....SPR-4	1	KLONTZ, WIN	CA....SPR-4
3	COLLINS, JAN	OR....SPR-4	1	KUSALIK, EDWARD	ONT....R-388
1	COMPTON, KEN	MA....DX-150A	1	LAZARUS, HENRY	LA....SX-100
1	CONWAY, PETER	MALAWI....51-J4	2	LEGGE, ROGER	VA....51-J
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3	DEIN, GARY	CA....FRG-7	4	LINDSEY, RANDY	NJ....DX-160
1	DEVENDORF, J. C.	CA....SPR-4	7	LOBDELL, CHRIS	MA....FRG-7
1	DEXTER, GERRY	WI.....??	3	MACRIS, RANDY	MO....DX-160
1	DIAMOND, ABE	MD....CRF-320	6	MAGHAKIAN, MIKE	NY.ICF-5900
2	DIAMOND, MARVIN	MD....DR-22	1	MAGNE, LARRY	PA....R4-B
1	DOBBINS, CHARLES	NC....DX-160	3	MARABLE, IVERY	ITALY.CRF-5090
6	DONLY, BOB	SC.EDY-8302	1	MASON, SANDY	ONT....FRG-7
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2	GARMS, JAMES	AZ....FRG-7	1	PAOLINI, GREG	CT....SW-717
1	GAVARAS, TOM	MN....HQ-180	3	PARSONS, MICHAEL	FL....SPR-4
4	GEORGE, CHARLES	TX....SSR-1	2	PECENKA, JOE	IN....XCR-30
1	GREENBERG, JON	KY....FRG-7	1	PETERS, DAVID	KY....R390-A
3	GRENIER, PETE	CA....FRG-7	2	PETTIT, LANI	IA.TMF-8000
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3 RUDOLPH, BILL	AL...NIVICO	1 SUZUKI, TOSHIO	JAPAN..RT-330F
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3 SAADE, BRIAN	CA....FRG-7	1 TANNERWALD, LEON	NY....SPR-4
1 SCHANCER, CHARLES	NY...Z-7000	4 THOMAS, WILLIAM	NC....S-120
4 SCHWARTZ, HOWARD	PA.....PORT	6 THOMPSON, GLENN	NM....FRG-7
1 SEGLER, BRUCE	CA..HQ-129X	6 THOMPSON, PEGGY	CA..RF-2000
1 SEYMOUR, WOODY	NC....SPR-4	4 TRAUTSCHOLD, JOHN	WI....FRG-7
2 SHORT, JERRY	CA....R-390	2 TRUBEE, BILL	HI....SPR-4
4 SMITH, TOM	FL....XCR-30	4 UTTER, RICHARD	NY....SPR-4
4 SMITH, TRAVER	CA....FRG-7	1 WALTERS, JOHN	NJ....R-1530
1 SNELLMAN, DAVID	PA....SSR-1	1 WATSON, FRANK	CA....FRG-7
6 SNYDER, SCOTT	NY..GE-PORT	5 WILLIS, FREDERICK	PA....GR-78
3 SOMERS, JACK	CA....FRG-7	5 WORREL, RICK	ND.WDS-1428
1 SPARKS, BILL	CA.....R4B	2 YAJKO, BOB	PA....SPR-4
2 STEPHENSON, NORM	CA....SPR-4	1 YOYANA, BILL	NJ....FRG-7
3 STEWART, BILL	SCOTLAND...FRG-7	4 ZAVATSKY, MARK	CT....PAT-9
4 STICKLE, EDWIN	NY...CF-560	5 ZILMER, BOB	WI....SPR-4
4 STONE, WILFRED	ONT...SX-190	2 ZINK, GEORGE	CA....SPR-4

A big thank you to 15 first time reporters, a few that have been members for a long time. First timers are: Rodney Alexander, IA; Ewald Bartunek, Austria; Anthony Buhagiar, Ont; David Chan, OR; David Hammond, MA; James Hogan, NC; John Kapinos, MA; Henry Lazarus, LA; Michael Parsons, FL; Walter Pyne, MD; Robert Ruggley, IL; Charles Schancer, NY; William Stewart, Scotland William Thomas Jr., NC; and Mark Zavatsky, CT. We wish to thank 166 reporters that made this issue possible.

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ITEMS FOR SALE OR WANTED

Drake SW-4A with matching MS speaker in excellent condition. Includes crystal for 4.5 - 5.0 mhz coverage. Price \$95.00 includes UPS shipping anywhere in the US. Contact Chris Lobdell, Box 146 Stoneham, MA 02180 Phone (617) 438-3022 days and (617) 321-6698 evenings.

Drake SPR-4 with FS 4 synthesizer, \$750.00; Franklin 24 hour clock \$10.00; Telex Twin set headphones \$10.00; Teletron Slinky Dipole SWL-1 Antenna with 100 feet coax \$35.00. Contact Chip Karcheski, 5 Einhorn Rd. Worcester, MA 01609 Phone 617-752-1365.

Westminster (Wards) Multiband port.(AC/DC). Brand new. Covers AM/FM,CB, SW4 12 mHz & VHF 108-136 mHz. Model 1427. \$40.00 plus shipping. OK as a beginner. Contact Don Johnson, P.O. Box E, Elsinore, CA.

Grundig Satellit 2000, perfect cond. with owners and alignment manual, \$300. Current selling price new \$699.00. Contact J.M. Weiss 1202 Lynn Ave, Sunnyvale, CA 94087 Phone (408) 735 7946.

FRG-7 Modified and upgraded, mint condition. Orig cost \$385.00, will sell for \$250.00. Contact George C. Schrammel, 3125-A South 42nd St. Milwaukee, WI 53215.

SPR-4, FS-4 synthesizer, MS-4 speaker; rig has noise blanker, Rtty adapter, transclever adapter. Purchased new Dec 77. Cost over \$1100, will sell for 775 COD post paid. Contact Mike Parsons Rt 1 Box 215 Wellborn, FL 32094.

100 kHz crystal calibrator with Led pilot light. Connects to Ant post any SW receiver. Requires 3 AA batteries. \$15 postpaid. Contact Larry Brookwell 1826 Cypress, San Diego, CA 92154. 10% to HAP

Hallicrafters model S95 Civil Patrol. Tunes 152-173 mHz, Excellent condition \$35.00. Craig Mellinger 15 Tremley Court, Parsippany, NJ 07054.(201)887-1582.

WANTED: List of very low freq AERO BEACONS, with freq, times, qths. Contact Joe Howell, 2636 Miller, Escondido, CA 92025.

National NC-183D 5 position crystal selectivity, phasing control, variable noise limiter, BFO, tone control, etc \$400 new, reconditioned \$175.00, Contact W. Page Pyne, P.O. Box 1062 Hagerstown, Maryland.21740 Phone (301)733-3550 Ext 221.

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