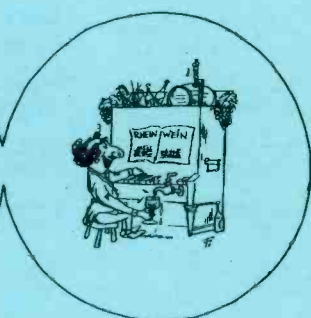
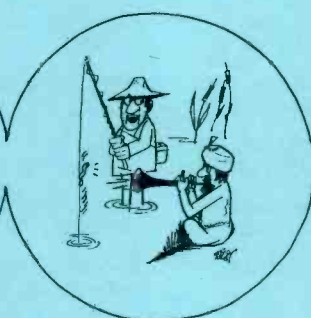
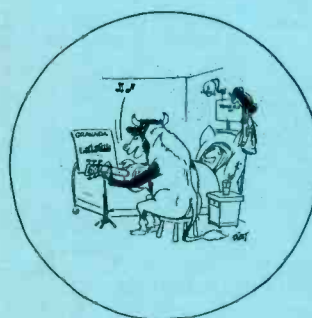


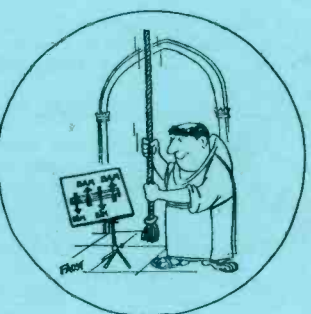
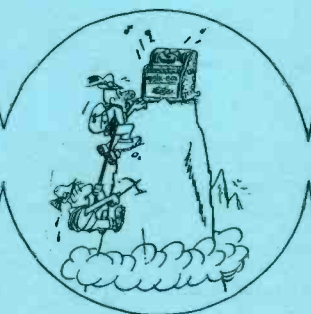
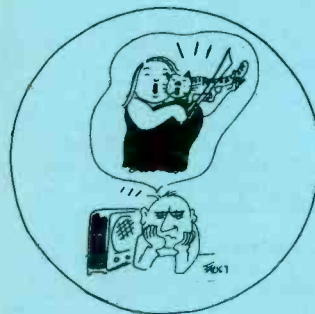
SPEEDX

the dx radio magazine for active shortwave listeners

MUSIC FROM



AROUND THE WORLD



VIA SHORTWAVE RADIO

MARCH 1977

Vol. VII No. III



KEYNOTES



Editor: OLIVER ELLSWORTH

2043 West 75th Street, Los Angeles, California 90047

CONGRATULATIONS TO 7 NEW FULL MEMBERS

GLENN BENSON ALEXANDRIA, VA	WILLIAM DUIMAGE ONT., CAN	WINSTON KLONTZ LOS ANGELES, CA	HANK LENTZ EXPORT, PA
WILLIAM RUDOLPH BIRMINGHAM, AL	WILFRED STONE ONT., CAN	PETER SCHIPELLITI BURLINGTON, ME	

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

WERNER HOFFMAN SANTA BARBARA, CA	STEVEN BELSON BATTLE CREEK, MI	MICHAEL MAGHAKIAN BRONK, NEW YORK	RAYMOND RICHESON SEATTLE, WA
PHILLIP BOWERS LAUREL, MD	PHILIP JANS EDGELEY, ND	MASAYUKI NAKATA JAPAN	HENRY GROZIER MENLO PARK, CA
PAUL RINDOS GETTYSBURG, PA	ROGER DOAN THOMPSON, OH	JOHN VOGELSANG NILES, MI	BRUCE KLEMENS CLIFTON, NJ
CHRIS SEBASTIAN ALEXANDRIA, VA	ANTONIO DEL RIO REDWOOD CITY, CA	LARRY SHAW NORTON, MA	DAVID KUNZE BALTIMORE, MD
TOMOYUKI TAKADA JAPAN	LEONARDO MAYO MANILA, PHIL.	ALBERT SMITH MADISON, OH	JOHN ILKO McKEES ROCK, PA
HERB BARBER ALBANY, NY	BILL DUIMAGE ONT., CAN	RICHARD SLOVER KNOXVILLE, TN	GEORGE LINK, JR HIGHLAND, CA
ALVIN BERGER OMAHA, NE	JOSEPH LALLY CRYSTAL LAKE, IL	CHESTER GRAY B.C., CAN	FERDINAND WENGRZYN BREWSTER, NE
JOSEPH GREEN SALT LAKE CY, UT	EDWARD CLASSE COLONIAL HTS, VA		

In addition to the above, we welcome back; Allan Gaede, CA and Josh Blumenfeld, NY. Fellows don't stay away so long, Hi. We hope that all of you will support the various sections in SPEEDX. This is your club.

SPEEDX AWARDS PROGRAM

When requesting your Awards Certificate from Jack Jones, please advise him how you want your name printed on the certificate. For instance, you may sign your request as Bill, but would want the certificate printed as William, or you may want it printed as Bill. Let Jack know.

Following is a continuation of those receiving the awards:

<u>ASIAN LISTENER</u>	<u>AMERICAS LISTENER</u>	<u>SOVIET LISTENER</u>	<u>INDONESIAN LIST.</u>
DOUG SNYDER	DOUG SNYDER	DOUG SNYDER	DOUG SNYDER
ROBERT WIRRELL	RANDOLPH MACRIS	JAMES UERLINGS	
RICHARD SCHWARTZ	TOM LUNDSTRUM		
JAMES UERLINGS	JOHN TRAUTSCHOLD		
JIM MEEHAN	ROBERT WIRRELL		

More names next month. Jack Jones's address is; 304 Robinhood Rd. Jackson, MI 39206. The country & awards list may be obtained from Jack, 75¢ (50¢ to Full Members).

ONTARIO, CANADA MEMBERS

Several members in the Ontario area report not receiving their February issue, mailed out on the 3rd of the month. This due to the new Postal distribution system recently initiated to "improve" service. If your in the Ontario area and did not receive FEB copy, drop a note to HQS.

SOUTHERN CALIFORNIA AREA DXERS

On March 26th from 9:00 AM until 6:00 PM SCADS will be meeting at a new location; 7720 Crescent Ave, in Buena Park. Right next to the Nationally known Knott's Berry Farm. Everyone is welcome. There is ample parking across the street from the meeting place. Registration fee \$2.00. Door prizes to be awarded. Plan on buying your cold drinks. If you need a map to the site, send a SASE to Don Johnson, SPEEDX Headquarters. A large gathering is expected. I am going, just to meet our A/O editor Bob Bodell. (OE)

REGIONAL GET TOGETHER

Larry Arneson, 705 Rhodes, Grandview, MO 64030 (phone 761-4015) and Robert Batson, 1824 North 51st Terrace, Kansas City, KS 66102 (phone 287-8551) would like to hear from DXers in the Kansas City area for the purpose of arranging area get togethers on the order of the BAD GUY and SCAD meetings.

SPEEDX encourages these Fun Fests, DX-Peditions, etc such as the MAD-MEN, BAY AREA DXERS, BAD GUYS, and SCAD meets, and will always make room in SPEEDX for the purpose of helping you establish get to gethers in your area.

EXPANDED ISSUE IN JULY

July will be SPEEDX'S 6th birthday, and we intend to celebrate with an expanded issue. Wouldn't it be nice to devote a few pages to shortwave radio programing. Why don't you send to me (Oliver Ellsworth) your articles on interesting programs you have heard. The articles could be from 10 lines to a full page or more. I will be glad to edit them to SPEEDX'S format. Let's hope that I can talk our Business Manager/BOD President in awarding a hard to get SPEEDX pennants to the best manuscripts.

SPEEDX WISHES SPEEDY RECOVERY TO TESTA

Frank has been re-admitted to the hospital due to a slight stroke, I know that he would be pleased if his friends would send "SPEEDXY" recovery cards to Frank Testa, Chatham West Drive, Apt 193, Brockton, MA 02401.

OSO - SWL-NET FOR SPEEDX HAMS

WB9YOE, Mark Baker, 415 E. 6th St. Dixon, IL 61021 would like to start a "SWL" net in the Amateur bands for the purpose of exchanging hot DX news immediately. SPEEDX Hams are asked to contact Mark at the above address. Mark suggests that perhaps non hams would enjoy listening in. If Mark's idea takes, we will inform SPEEDX readers the frequency set aside for NET.

DXING EARTH

The cover story in the April 1977 Popular Electronics, is "DXing Earth", by Glenn Hauser. It describes in practical terms how stations on earth may one day be DXed from the moon, and which earth broadcasts are penetrating further into the cosmos. Watch for April issue of PE.

ITEMS FOR SALE

Drake SSR-1, new March, '76, perfect condition, \$200.00. Ten-tec crystal calibrator, \$10.00, will ship either PP & insured in USA. Contact Eric Bersh, P.O. Box 201, Mamaroneck, NY 10543. Phone (914) 698-1986

DX-160, excellent condition, \$100.00 plus shipping costs. Contact Brian Baumgartner, 1614 Devon St, Ottawa, Ontario, Canada K1G-057, Phone (613) 737-5674. Canadian buyer preferably.

Autek-QF-1 Audio filter, \$42.00 ppd. Heath Model HD-20 100kc crystal cal. \$12.00 ppd. Both units like new. Contact Andrew Pappas, 11421 S. Maplewood Ave. Chicago, IL 60655.

SX-190, excellent condition w/spare crystal for 11 MHz, matching speaker, manual & modification pamphlet, \$150.00 in USA. Contact Jay Golden, 6230 N. Kenmore Ave. Chicago, IL 60660, Phone 312-973-3465.

Items continued next month, out of space, sorry.



DX MONTAGE

RESEARCH/COMPILATION/REDACTION by A. W. BROOKS

74 Massachusetts Road

Oakdale, Connecticut 06370

GAMES PEOPLE PLAY (or "Let Me Entertain You By Keeping A Civil Tongue"): Every job relies on "occupational games" or "inside humor" to combat the potential tedium created by any brief periods of repetition or boredom. I have developed a theory that newswriters do exactly that...and that it is accomplished through the use of the major tool of their profession... WORDS: Paramount is the utilization of the "double entendre"...a device so easily employed in the English language. Evidence to support a theory along these lines is available in the newscasts from any of the world's locales where English is a primary language. For a particularly prolific source of these "antics with semantics" look to the news segments from Radio Canada. Two examples come immediately to mind. While reporting a story in which the French Government had followed up sale of Mirage air-planes to Libya by promising to send instructors to teach the fledgling Libyan pilots on an accelerated schedule, the RCI newswriter indicated that the goals would be accomplished through institution of a "CRASH" program of training. On another occasion an ocean-going freighter had been disabled by a fatal on-board fire and...after some struggle...was finally being brought into port thanks to assistance from other vessels. Our diabolical newswriter indicated that the ship was towed in with only a "SKELETON" crew aboard. Surely, there must have been a better way to say that!!!



IT PAYS TO ADVERTISE: Some readers will recall that in the December edition of this column we suggested a \$2600 dream portable as a Christmas gift for the DXer who has everything. A note from Ohio SPEEDXer Dave Hammer indicated that one of said receivers was displayed at one of the flashier department stores in Columbus...and that is where Dave enviously fiddled with it. Apparently the receiver created a certain amount of envy in another shopper...the portable was shoplifted shortly before Christmas!!!

VATICAN BLESSED WITH NEW BEAM: Several members sent in a recent item announcing the erection by Vatican Radio of the world's largest rotating antenna to strengthen the Voice of the Pope around the globe and try to gain the upper hand on Communist jammers in eastern Europe. Operational this summer.



ACORNS FROM OAKDALE:

...In Poland the folks are now telling "Liberian tanker" jokes...

FUTURE PRESENTATION: DX-pert Dr. Richard E. Wood will speak on "Language Choice In International Radio Broadcasting" during the annual convention of the International Studies Association in St. Louis, March 16-20... The paper will be part of the session on "Language Barriers As A World Political Institution: Who Gets Across What, When, How", on 25 March at 10:45 a.m. in the Chase Park Plaza Hotel....the paper will be available for purchase from the International Studies Association, University Center For International Studies, University of Pittsburgh, Pittsburgh, Pennsylvania, 15260, U.S.A.....

YOU'RE NOT LIKELY TO HEAR IT ON THE SBC, BUT......the Loch Ness Monster has a rival...or at least the Swiss think so. Switzerland's widest-circulating newspaper carried front-page photographs of the monster and accounts of persons claiming to have seen it in Lake Uri. A report said a "dragon-like" monster emerged snorting on the surface about 300 yards off shore. After a few moments it dived, but reappeared twice more before finally disappearing. An accompanying photograph...which the paper said was taken at long range from shore...showed a dark humped object in the water. The newspaper printed an enlargement of the section showing the "monster" alongside a similar picture purporting to depict the Loch Ness Monster and remarked that they were "amazingly alike" with serpentlike heads and humped backs. I know what some of you are thinking...but I can account for my whereabouts...besides, I no longer swim more than 100 yards off shore.

RADIO
+SBC
Swiss Broadcasting Corporation
European and Overseas Services

OBVIOUS TO CONSEQUENCE....."DX MONTAGE" MARCHES ON....WITH

**SON
OF**

DX MONTAGE

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

STAND-BY FOR MORE B.A.D. NEWS:

the Boston Area DXers....those nefarious social devils known as the B.A.D. Guys....gathered in Brockton on 13 February for another informal tete-a-tete. A recovering Frank Testa and his wife, Kathleen, continued as traditional hosts. In the absence of your temporarily infirmed editor we must rely on the report of attendee Bob Butterfield. February was declared "receiver month" and on hand for those who like to dial-twiddle were an FRG-7, SX-190, SB-313, and a vintage, but capable SX-42. Bob Wirrell discussed the merits of tube receivers...and Greg Galiri showed off his Boston Garden elevator pass to see the Celtics' games which he acquired due to his wife's "delicate condition"..... both Butterfield and Pete Schipelleti spent the afternoon planning revenge against Mark Scannell for his "short-cut" directions.... which gave rise to the unscheduled investigation of numerous potholes....Ken Compton, "The Old Soldier", spoke informally on spy-number stations...everyone met new SPEEDXer Scott Miller and his neighbor NASWA member Dave Greene, a fellow enthusiast in "Share-The-Bulletin" plan....Chris Lobdell was responsible for supplying refreshments...and Mike Krim, Don Sacklad, and Mark Zimarowski were responsible for eating them...



AUS OSTERREICHS WIRTSCHAFT: Neben den Nachrichten- und Informationssendungen gehören auch regelmässige Wirtschaftsberichte und -kommentare zum Standardprogramm des ORF - Auslandsdienstes. Das österreichische Kurzwellenprogramm bringt an jedem Wochentag Wirtschaftssendungen in deutscher, englischer, französischer, und spanischer Sprache. Diese Sendungen informieren die ausländischen Hörer über alle bedeutenden Wirtschaftstendenzen und Neuerungen am österreichischen Markt. Gleichzeitig aber wollen Sie das Interesse für österreichische Wirtschaftsbestrebungen und -produkte wecken...

ORF-ORF

"WE THE PEOPLE OF THE V.O.A. IN ORDER TO...":

A controversy is developing over an effort by journalists and broadcasters at the VOA to convince President Carter that the Voice of America should be independent from the United States Information Agency. According to an Associated Press release forwarded by Granite Stater Wayne Oliver the campaign is being waged by opponents of the current set-up who claim bureaucratic control is stifling efforts by the VOA to present news and opinion fully and professionally to listeners overseas. One VOA official suggested that the move to gain independence for the VOA...and insulate it from the State Department as well....could be helped by Carter's plans for government reorganization. So far the President has given no indication...the USIA and a group dominated by foreign service officers are opposing the idea...while the State Department had a diplomatic and predictable "no comment"...

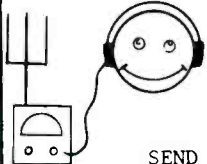
SEEING SUNSPOTS BEFORE YOUR EYES:

Those who watched the Public Television series "NOVA" during the first week of February treated themselves to a very informative offering entitled "The Sunspot Mystery". For anyone who missed the airing it will most likely be repeated later this spring. Check your local television listings...

LISTEN TO THE WORLD ON SHORTWAVE RADIO

**ASK
ME!**

The above message is now available on a vinyl sticker in red and white. This 15" x 3 3/4" bumper sticker can be placed on a car, in a window, on your neighbor's front door, over your mother-in-law's mouth...help publicize the hobby by displaying several stickers...Cost in the USA/Canada/Mexico is 50¢ each sent first class mail....for the rest of the world the cost is US \$1.50 or 9 IRC's for two stickers sent airmail. Order from SPEEDX Headquarters.



TECHNICAL TOPICS ?????

Editor

RALPH SANSEIRINO

TECHNICAL TOPICS
8422 CRANE CIRCLE
HUNTINGTON BEACH
CALIFORNIA 92646

SEND YOUR TECHNICAL QUESTIONS TO:

IMPROVED SELECTIVITY FOR THE FRG7, SSR1, DX160 etc.: ceramic filters for emitter by-pass applications. Price \$5.00/pair from this editor.

DIGITAL FREQ READOUT: 4 digit readout for DX160 and other 455 kHz I.F. receivers noted in the Feb 77 issue of Popular Electronics. Readout looks ok. Price is a little high for a kit. Price is \$109.95 from Mattis Electronics, Box 162, Morton Grove, IL 60053. If anyone out there wants this kit assembled contact me, I will assemble it for a small fee.

MORE PRICES FROM HAM RADIO OUTLET: all prices delivered, CA residents add 6% sales tax. SPR4 \$534.00. PS4 \$212.00. R4C \$510.00. SSR1 \$250.00. TELEX SWL610 headphones, 2000 ohms \$9.95.

ALL BAND ANTENNA: have on hand a schematic of a broadband whip antenna that looks ok. A copy for 2-13¢ stamps from this editor. Going to give one a try.

JOHN ROGERS wants to know how effective are noise blankers. All the noise blankers I have tried have not worked very well. I would not buy one as an accessory, like the Drake SPR4 noise blanker.

DRAKE SSR1: going to borrow one of these and check it out to see if we can help with the image and cross mod problem. A tuned circuit or preselector should settle it down. Will let you SSR1 owners know.

ANTENNA LENGTH CHART: have chart showing length of antenna for $\frac{1}{2}$ wave, $\frac{1}{4}$ wave, etc., for 3.3 to 15.1 MHz. Yours for 2-13¢ stamps from this editor.

SONY ICF-5900W: had chance to tune this portable, a very nice set. Covers AM, FM and SW 3.8 to 28 MHz. Price around \$150.00. Not as good as the FRG7 but better than the DX160. I can recommend this set for a portable. A copy of a report by Ed Shaw NASWA editor for 2-13¢ stamps from this editor.

DRAKE PS4 SYNTHESIZER: tried one of these units out with the Drake R4C receiver. It did all they claim, complete coverage from 1.5 to 30.0 MHz with the R4C, on the SPR4 probably .5 to 30.0 MHz. List price \$250.00, from HAM RADIO OUTLET price is \$212.00 delivered, plus 6% tax in CA. One thing though you can buy a lot of crystals for \$212.00 at \$5.00 each.

DRAKE R4C RECEIVER: I am surprised not to see more of these used by the SWL/DXer. Complete coverage 1.5 to 30.0 MHz (except around 5.500 MHz the IF freq). I like this set better than the SPR4 for audio quality, selectivity, tuning is the same. This set is a hybrid, a mixture of tubes and solidstate devices. You have to buy the AM crystal filter as an accessory, they sell 2 of these: 6kHz at 6dB, 10kHz at 60dB and 4kHz at 6dB, 7.5kHz at 60dB.

AN/USM-159 FREQ METER: have a report on hand from Paul Gunn on this unit. Freq range 125kHz to 1000 MHz, all solid state, can be used on AC or with 6 D cells. This unit is a recent addition to the surplus scene. Will type this report up for the bulletin. Thanks Paul.

WRTH: the 77 issue should be in the mails any day now, thats what I hear.

REPRINTS: SPR4 mods. FRG7 mods. DX160 mods. SB310 & SB313 mods. Sources for SWL supplies. LM Freq Meter. SX190 mod. CALIBRATOR schematic 1000, 100 and 10 kHz markers. Preselectors. Barlow-Wadley mods. BC-221 Freq Meter. Antenna Length Chart. All Band Whip Antenna. Q-Multiplier. Antenna Resonating Device. Reprints available from this editor for .25¢ each in coin or stamps 2-13¢ stamps will do, overseas 4 IRCs each.

PHILADELPHIA: Note from Stu Wikler states that a good dealer for that area is HAM -----, Inc., 68 W. York Rd., Willow Grove, PA. They have new & used equipment & parts.

73 Ralph

SWBC DX - Western Hemisphere

— EDITOR —

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



Time checks can often provide a valuable clue to the identity of a station and the DXer interested in Latin American DX is well advised to learn to understand them. As with station identification announcements, the key word concept can help you learn to recognize and understand time checks and, with practice, you'll soon become an expert in the use of this DXing tool.

At first glance the way a Spanish speaking person tells time appears quite unlike the approach an English speaking person uses. But, it really is very similar and, in practice, is often identical. Let's start by dividing a clock into two parts by drawing a vertical line through the 12 and 6 as shown in figure 1. The Spanish speaking person sees the right hand side as positive and the left hand side as negative. Thus, he is traditionally taught that 2:15 is 2 plus 15 minutes and that 2:45 is 3 minus 15. An alternative approach to 2:45 is to say "It lacks 15 minutes before it is three o'clock" which is roughly equivalent to our "Its a quarter to three".

Modern usage is becoming less formal and, although textbooks don't teach it, it is becoming quite common to say 2:50 as we do in English "Its two fifty". Some stations like Radio Quito do it both ways in the same announcement while others like Radio Sutatenza, a government sponsored educational station, play it strictly by the book for the most part. On the local stations, particularly the smaller ones, anything goes and the accuracy is often suspect as well.

If we include Mexico, Latin America spans six time zones. Argentina and Uruguay are two hours ahead of Eastern Standard Time (EST) while Chile and Bolivia join Venezuela one hour up. Colombia, Ecuador and Peru all track right on EST while most of Central America uses Central Standard Time. In the Caribbean Haiti and Cuba use EST while the Dominican Republic runs an hour ahead. Argentina, Uruguay, Chile, Bolivia and to a lesser extent Peru use the 24 hour system whereas the countries in northern Latin America divide the day into two 12 hour periods much as we do. Thus, as you can see, once you know the local time and how it was presented you pretty well have your options narrowed down. Next month we'll talk about the key words for time check identification and understanding so you can give it a whirl yourself and see what I mean.

As a result of yet another trip to Latin America I have been forced to start typing a few days early this month. As a result, those of you who mailed late will find your reports missing. Though I apologize for this, it was either that or delay the whole magazine for several weeks.

It is becoming obvious that I could use an assistant to cover for me when these business trips of mine coincide with column preparation time as has happened this month. Thus I would like to appeal to those of you who have a typewriter, an interest in Latin American DX, and a willingness to do an occasional rush job to step forward and sign up. Just drop me a line and let me know that you are interested. You needn't commit yourself until we rap a little so, drop me a line won't you?

The Venezuelan Ministry of Communications has contracted AEG-Telefunken Ven. "to tape all local radio transmissions for documentation, registration, and (Big Brother) control." reports the Venezuelan Economic Review, a well-

informed newsletter. Perhaps this explains the sudden rush by Venezuelan broadcasters to conform to Ministry of Communications "guidelines".

Well, its on to the loggings. First, however, its time for the usual reminder that all times are GMT, all dates are given using the month/day format, and the SIO code is used to report reception conditions noted. If you have trouble with an abbreviation check the list of same in your New Members Packet.

ANTIGUA

6040 0133 DW Relay: OM nxst, ID, "Current Affairs" (444 1/19 Naylor-CA)
6085 *0200 DW Relay: GG to NA to 0550* 2nd xmtr on air (444 2/4 Legge-VA)
6195 2015 BBC Relay: EE "Letterbox" (443 1/30 Redman-IL)
9545 0408 DW Relay: GG nxst (544 2/6 Fischer-PA)
9680 *2200 DW Relay: GG to South America to 0150* (444 2/4 Legge-VA)
11805 *1100 DW Relay: GG nxst (444 2/6 Grenier-CA) ?? See next logging!
11810 *1200 DW Relay: GG to South America 1200-1220, to North America 1300-1320 & 1330-1350. Is a new fqy. (444 2/4 Legge-VA)
15245 ---- DW logging this fqy listed as Antigua in this column in January is in fact Julich advises Roger Legge-VA. Antigua is on 9605 & 11810 @ 1350 he reports.

ARGENTINA

9690 0325 LRA32 R.A.E.:w/ EE science tlk, mx, nx (544 1/22 Jechenthal-IL) (443 0337 1/8 Carrier-FL)(222 0305 1/4 Stephenson-CA)(423 0547 1/22 Dutkowski-BC)(433 0225 1/21 Redman-IL)(333 0235 2/3 Fischer-PA)(444 0215 1/11 Stone-ONT)(343 0303 Yajko-PA)
9740 1650 LRS1 R. Splendid: SS w/ pgm, ID (333 1/30 Scannell-MA) Mark, this just doesn't hang together. 1650 an unlikely time.
11710 2302 LRA35 R.A.E.: EE nxst, Argentine pop mx (554 1/24 Raymond-NJ) (333 2330 12/14 Malone-MA)(444 2334 1/14 Yajko-PA)(433 2350 1/29 Redman-IL)(344 2337 1/22 Gheno-PA)(232 2340 2/1 Fischer-PA)(333 2300 1/11 Stephenson-CA)(443 2322 2/2 Earhart-PA) (444 2329 1/10 Smith-FL)(333 2205 1/23 Grenier-CA)
15345 1930 LRA33 R. Nacional: SS nxst, ID (533 1/23 Dutkowski-BC) You sure this Argentina?

BELIZE

3285 0030 Radio Belize: EE OM ancr, nx, interviews, mx, whiskey ads (221 1/29 Carrier-FL)(222 0320 1/16 Fischer-PA)(343 1056 2/5 Jones-MS)(322 0315 1/31 Grenier-CA)(322 0307 1/16 Yajko-PA)

BOLIVIA

3494½ 0132 CP-- R. Alfonso Padilla Vega: SS tlk (333 1/15 Young-CA) Pretty skimpy details for such a rarity. TENTATIVE maybe??
4465 0600 CP142 R. Movima: ID, cmntry by OM (343 12/22 Granone-NM) Seems kind of late? How about more details on ID hrd!
4696v 0236 CP117 R. Riberalta: Bolivian mx, singing, anmts (322 1/9 Yaoung-CA)
4775T 0424 CP84 R. Los Andes: TENTATIVE SS tlk, few bars of NA & off 0427 (343 1/16 Earhart-PA) Possibly Emisora Kennedy??

BRAZIL

3285 2215 ZYK28 R. Olinda: OM w/ spts, ID in passing as "R. O-lean-dah" (222 1/23 Baumgartner-ONT)
4755 0035 ZYF23 R. Dif. do Maranhão: PP soccer coverage, bad QRN (222 1/23 Fischer-PA)(322 0200 1/18 Redman-IL)(434 0040 1/19 Yajko-PA)
4805 2355 ZYS8 R. Dif. do Amazonas: PP pop mx, anmts, OM & YL ancres -PA) (333 1/1 Macris-MO)(333 0935 1/20 Tannenwald-NY)
4855 0235 PRO5 R. Clube do Pará: Brazilian vocals, OM (333 1/22 Yajko-PA) (333 0220 1/18 Redman-IL)
4865 0013 ZYC33 R. Soc. Feira de Santana: U.S. & Brazilian pop mx, IDs (343 1/25 Yajko-PA)(343 0803 2/6 Fischer-PA)
4915 0820 ZYE2 R. Dif. Macapá: acid rock mx, jingles, poetic ID rhyming with "Ma-ka-pa" (322 1/22 Beal-WA)
4985 0627 ZYF208 R. Brasil Central: IDs, ads, Brazilian pop vocals (323 1/30 Gheno-PA)(444 0731 2/6 Fischer-PA)(333 0755 1/15 Grenier-CA)(433 0321 1/25 Miller-OH)
5015 0200 ZYK24 R. Cultural de Guaíba: PP ID, OM/YL anmts, into Brazilian mx pgm (222 1/8 Baumgartner-ONT)
5045 0910 ZYE65 R. Dif. Presidente Prudente: PP nxst, OM & YL tlk (322 1/6 Beal-WA)

BRAZIL (cont.)

- 6000 0058 PRK25 R. Inconfidência: PP ID, MOR mx (232 2/3 Fischer-PA)(333 2349 1/21 Yajko-PA)
- 6035 2345 ZYZ65 R. Globo: PP chatter, ID (323 1/21 Yajko-PA)
- 9595 0040 ZYN29 R. Cultura da Bahia: upbeat pop mx, IDs, jingles, TCs (232 2/3 Fischer-PA)(433 0115 1/30 Redman-IL)
- 9634 0051 ZYE236 R. Aparecida: MOR Brazilian mx, ID (222 2/3 Fischer-PA)
- 9645 0130 ZYR78 R. Bandeirantes: 2 OM w/ rapid tlk (433 2/3 Cohen-NJ)(434 2358 2/2 Fischer-PA)(333 2250 1/23 Yajko-PA)(433 0130 1/30 Redman-IL)
- 9665 0400 PRL8 R. Nacional Brasilia: PP ID, Brazilian pop mx (444 2/2 Granone-NM)(343 1035 1/20 Yajko-PA)
- 9695 2345 ZYB61 R. Rio Mar: OM tlk, ID, echo chamber anmts, TCs (222 2/2 Fischer-PA)
- 9705 0210 ZYZ24 R. Maua/Ipanema: spts event cmntry (433 1/30 Redman-IL)
- 11780 2135 PRL8 R. Nacional Brasilia: EE request mx pgm (322 1/6 Dulmage-ONT)(343 2150 2/1 Fischer-PA)(354 2102 1/27 Pecenska-IN)(444 2110 1/16 Yajko-PA)(444 2150 1/15 Perry-QUE)(333 2115 1/14 Beal-WA)
- 11785 2254 ZYU61 R. Guaiba: spts event cmntry (343 1/23 Yajko-PA)(322 2256 1/30 Fischer-PA)(343 0100 2/2 Redman-IL)
- 11805 0210 ZYZ65 R. Globo: spts nxcst, ID (333 1/20 Yajko-PA)(232 0155 1/30 Redman-IL)(343 2250 1/30 Fischer-PA)
- 11865 0145 ZYB85 R. Clube de Pernambuco: tlks by 2 OM, whistles, electronic tones (333 1/30 Redman-IL)(433 2232 1/16 Yajko-PA)
- 11885 0210 ZYZ85 R. Maua/Ipanema: Brazilian mx, DJ patter (343 2/2 Earhart-PA)(333 0032 1/25 Yajko-PA)
- 11925 2240 ZYR78 R. Bandeirantes: spts event cmntry (444 1/30 Fischer-PA) (353 0132 w/ Brazilian vocals 2/2 Earhart-PA)
- 11935 0455 ZYS35 R. Clube Paranaense: PP ID, Brazilian mx, 0500* (222 2/5 Stuart-MA)
- 15145 2005 ZYB87 R. Jornal do Comercio: PP spts event commentary, ID & ads in passing (444 1/16 Yajko-PA)

CANADA

- 5960 0030 RCI: EE "As It Happens Friday Night Theater" presenting "Inner Sanctum" (444 1/7 Malone-MA)(333 0405 1/31 Grenier-CA)(334 0000 1/29 Gheno-PA)(544 0000 2/4 Spencer-OK)
- 6000 0130 RCI: SS nxcst, features (545 1/26 Stone-ONT)
- 6005 1820 CFCX, Montreal: DJ format, MOR & soft rock (444 1/15 Meehan-CT) (333 1705 1/30 Gheno-PA)(433 2045 2/5 Fischer-PA)
- 6065 0115 CBC NS: EE "The Cablecar Incident" drama (444 2/4 Redman-IL)
- 6070 1625 CFRX, Toronto: EE nxcst, pop mx (333 1/31 Gheno-PA)(455 1215 1/26 Pecenska-IN)
- 6160 0929 CKZN, St. Johns: s/on, mx, anmts, ID, wx, nx headlines (333 1/20 Young-CA) Sure this not Vancouver?
- 6175 2335 BBC via Sackville: EE folk & bluegrass mx (554 1/16 Batson-KS) (555 0020 1/25 Dutkowski-BC)(444 2345 1/16 Redman-IL)
- 9535 *0100 RCI: nx, tlk on atomic pwr in Canada (433 1/25 Dutkowski-BC)
- 9605 *0300 RCI: nxcst (444 1/7 Dulmage-ONT)(433 0605 1/22 Dutkowski-BC)
- 9625 1530 CBC NS: EE tlk on Unicorn mixed w/ mx (434 1/11 Gheno-PA)(544 0040 1/25 Dutkowski-BC)
- 9655 0225 RCI: EE "Magazine" (544 1/20 Jechenthal-IL)(544 0300 1/22 Dutkowski-BC)(555 0115 1/15 Pia-NY)
- 11720 1912 CBC NS: EE radio play (534 1/24 Dutkowski-BC)
- 11865 2000 RCI: EE IS, ID, YL nxcst (443 1/15 Batson-KS)(433 1855 1/23 Dutkowski-BC)
- 15325 1630 RCI: relay CBC nx for Armed Forces (444 1/15 Grenier-CA)(433 1925 1/23 Dutkowski-BC)
- 17820 1800 RCI: EE nx, press review to Africa (153 1/6 Granone-NM)

CHILE

- 6135 1021 CE613 R. Universidad de Concepción: SS "Panorama Informativa" nxcst, ads (342 2/7 Jones-MS)
- 9565 0225 CE956 R. Nacional de Chile: EE tlk on Chile's mining industry (343 1/17 Yajko-PA)(333 0200 1/9 Gheno-PA)(322 0120 1/7 Dulmage-ONT)(333 0100 1/24 Redman-IL)(534 0109 12/17 Watts-IN)(322 0215 2/1 Stone-ONT)(344 0113 1/31 Pecenska-IN)(423 0147 1/19 Miklejewski-MN)(322 0208 12/4 Worman-WI)
- 9590 1056 CE959 R. Presidente Balmaceda: ID, anmts, pop mx (233 1/16 Miklejewski-MN)(343 1045 1/20 Yajko-PA)(533 Dutkowski-BC)

CHILE (cont)

- 9590 ---- R. Presidente Balmaceda has been shutdown by the military govt. reports the Associated Press for "as long as the 3-yr. old state of emergency continues" (Jensen-via Numero Uno)
- 9750 0050 CE975 R. Minería: SS baseball game cmntry, IDs (433 1/16 Redman-IL)
- 15150 2100 CE1515 R. Nacional de Chile: OM & YL w/ EE tlk on Chile's geography & climate (333 2/4 Crews-FL)(333 2257 12/9 Worman-WI)(333 2235 1/29 Redman-IL)(343 2352 2/1 Fischer-PA)(332 0126 1/31 Smith-FL)

CLANDESTINE

- 10110 2151 R. Espana Independiente: SS tlk under jamming noted as early as 1700 (333 1/23 Scannell-MA)
- 13250 2155 R. Espana Independiente: SS political cmntry till chorus sings at 2201* (343 1/16 Earhart-PA)

COLOMBIA

- 4755 0500 HJKC Emisora Nuevo Mundo: SS nxcst, CARACOL network plugs, mx (433 1/27 Cohen-NJ)(323 0500 1/30 Gheno-PA)(343 0614 2/6 Fischer-PA)(222 1100 1/20 Tannenwald-NY)(233 1050 1/21 Miklewjewski-MN)(443 0326 1/30 Miller-OH)
- 4815 0018 HJSG R. Guatapurí: TODELAR net plug, anmts, pop mx (433 1/9 Macris-MO)(333 0455 2/6 Crews-FL)(444 1156 1/30 Pecenka-IN) (543 0552 1/1 Watts-IN)(222 1045 1/20 Tannenwald-NY)
- 4875 0645 HJLW Ecos del Combeima: SS ID, ads, mx, tlk, mx (342 1/30 Wirrell-MA)(333 1120 2/5 Miller-OH)(433 0651 1/14 Gheno-PA) (322 0450 1/16 Fischer-PA)(444 0730 1/8 Dulmage-ONT)
- 4885 1058 HJIG Ondas del Meta: SS ID, tlk (433 1/20 Yajko-PA)
- 4896 0440 HJOT Brisas del Citará: Continuous mx, then ID & sign off 0500 (433 1/16 Fischer-PA)
- 4925 0235 HJJU Emisora Meridiano 70: Tango mx, TODELAR net plugs (322 1/25 Redman-IL)
- 4945 0520 HJDH R. Colosal: Colombian mx, TCs, ID (544 2/8 Joseph-MO)(444 0705 1/8 Dulmage-ONT)(444 0230 1/30 Redman-IL)(333 0615 1/30 Gheno-PA)(344 0756 2/6 Fischer-PA)(153 0630 12/27 Granone-NM) (444 1107 1/20 Yajko-PA)(444 0900 1/15 Hathaway-IL)
- 4965 0623 HJAE R. Santa Fé: Tropical mx, IDs (444 12/11 Hathaway-IL)(322 0510 1/16 Zink-CA)(444 0540 1/8 Dulmage-ONT)(433 0250 1/30 Redman-IL)(544 0510 2/8 Joseph-MO)(322 0130 1/20 Stephenson CA)(323 0620 1/30 Gheno-PA)(444 0750 2/6 Fischer-PA)(353 1200 1/30 Pecenka-IN)(434 1112 1/20 Yajko-PA)
- 5020 0225 HJCP Ecos del Atrato: SS inst. mx, OM ancr laughing at his own jokes (332 2/3 Fischer-PA)
- 5035 0304 HJIC LV de Caquetá: pop mx, recorded ID, NA & off 0357 (333 1/16 Macris-MO) Sure this not R. Maturín w/ 0400*??
- 5075 0305 HJGC R. Sutatenza: LA pop mx, IDs (434 1/11 Grenier-CA)(434 0145 12/6 Granone-NM)(443 0050 2/4 Redman-IL)(443 2302 2/5 Fischer-PA)(545 0215 2/8 Joseph-MO)(423 0053 1/12 Macris-MO)
- 5095 0300 HJGG R. Sutatenza: LA pop mx, TCs, IDs (323 1/8 Stone-ONT)(433 0100 2/4 Redman-IL)
- 5962 0600 HJ?? LV de los Centauros: MOR LA mx, IDs (343 1/6 Beal-WA)(333 0655 1/30 Gheno-PA)(554 0450 1/1 Watts-IN)(444 0520 1/11 Grenier-CA)(322 0643 2/6 Fischer-PA)
- 6000 1128 HJNX R. Super de Medellín: ID, ad string, into "Super Noticias" (322 1/18 Baumgartner-ONT)(333 1145 2/3 Jones-MS)(334 0710 1/30 Gheno-PA)(323 1130 1/20 Yajko-PA)
- 6015 1142 HJDF R. Mira: LA pop mx, many IDs, slogans, into nx (343 2/3 Jones-MS)(332 1125 2/2 w/ slow mx, TODELAR plugs, into nx Miklejewski-MN) Possible ownership change, used to be affiliated with Super Net. Perhaps just affiliation change.
- 6065 0637 HJAX R. Super: ID, mx (444 1/16 Hathaway-IL)
- 6115 1230 HJIE LV del Llano: 7 IDs within a minute, lively pop LA mx (333 1/22 Yajko-PA)
- 6150 0555 HJJT LV del Huila: "Música fantástica", IDs, & TCs (444 2/1 Redman-IL)(434 1000 1/20 Yajko-PA)
- 6160 0615 HJKT Emisora Nueva Granada: Colombian mx, nx (454 1/8 Hathaway-IL)
- 9655 1213 HJZM R. Nacional: End BBC English lesson, ID, into nx (444 2/2 Miklejewski-MN)(433 1217 2/2 Fischer-PA)
- 15335 1335 HJZP R. Nacional: semi-classical mx pgm // 9655, ID@ 1356 (232 1/30 Miklejewski-MN)

COSTA RICA

- 4832 0505 TIHB Emisoras R. Reloj: LA pop mx, IDs, TCs, ads by OM anc
(333 2/6 Crews-FL)(423 0130 2/4 Redman-IL)(444 0553 12/21
Granone-NM)(454 0558 2/6 Fischer-PA)(222 0330 1/26 Stuart-
MA)(454 0912 12/31 Hathaway-IL)
- 6006 0145 TIHB Emisoras R. Reloj: SS ID, tropical mx (333 1/11 Stone-ONT)
(444 0745 1/8 Dulmage-ONT)(433 0735 1/14 Gheno-PA)(434 0740
2/6 Fischer-PA)(444 1249 1/13 Macris-MO)

CUBA

- 6060 2350 RHC: OM w/ SS nxcst (544 2/4 Spencer-OK)(555 1/18 Granone-NM)
- 9525 0625 RHC: EE IS, ID, nx, cmntry (555 1/21 Granone-NM)(232 0651 w/
EE tlk on capitalist economy 2/3 Junqua-JAPAN)
- 9685 0300 RHC: EE OM & YL tlk on special events in Cuban history (222 1/
1/31 Arnold-CA)(544 0320 2/6 Spencer-OK)(333 *0230 12/14
Malone-MA)(334 0110 1/30 Gheno-PA)(444 0420 1/19 Hathaway-IL)
- 9770 0304 RHC: EE pgm of Cuban mx (544 1/29 Stone-ONT)
- 11760 2200 RHC: SS sign-on, nxcst (444 1/6 Dulmage-ONT)(433 0114 1/25
Dutkowski-BC)
- 11865 2103 RHC: EE tlk on Angola (232 1/2 Fischer-PA)
- 11975 2345 RHC: SS ID @ 0000, contemporary mx (454 1/30 McIntosh-PA)
- 15230 2005 RHC: SS political speech (433 1/22 Dutkowski-BC)
- 15340 1945 RHC: SS tlk on agriculture // 15230 (554 2/1 Fischer-PA)(555
1/24 2330 Dutkowski-BC)(433 2230 1/30 Miklejewski-MN)
- 17750 2101 RHC: EE nxcst, editorial cmnt (333 1/12 Smith-FL)(544 1827
1/23 Dutkowski-BC)
- 17885 2100 RHC: EE cmntry on attempted coup in Benin (554 2/7 Pia-NY)(454
2040 1/16 Batson-KS)(454 2128 2/1 Fischer-PA)(444 2010 1/16
Yajko-PA)

DOMINICAN REPUBLIC

- 3205 2355 HIAU LV de la Libertad: SS tlk, Dominican vocals (222 1/23
Yajko-PA)
- 4807 1130 HIAQ R. Norte: "...R. Norte, cinco mil vatios de potencia" ID
(322 1/16 Jones-MS)
- 4825 1030 HIFA LV de las Fuerzas Armadas: ID, into MOR LA mx (433 2/2
Gheno-PA)(332 0220 2/3 Fischer-PA)(444 0344 1/18 Brooks-CT)
(322 0030 1/24 Redman-IL)
- 4850 0015 HIRL R. Clarin: SS "ClarIn Informativo" nxcst (333 1/24 Redman-
IL)(333 0204 1/13 Gheno-PA)(222 0005 1/27 Tannenwald-NY)(322
2127 w/ piano mx, IS @ 2127 (an 8 note trumpet call), NA
then ID @ 2130 "Saludos amigos, Esta es R. Clarin, la
emisora internacional de la República Dominicana"
(322 1/30 Fischer-PA)(444 2330 1/4 Granone-NM)(333 2350
1/24 Miller-OH)(333 2355 1/14 Yajko-PA)(332 2330 1/11
Wirrell-MA)
- 4882v 0915 HIFP R. Comercial: Dominican pops, ads, TCs, ID (323 1/24
Tannenwald-NY)(444 0935 2/2 Redman-IL)
- 11700 2330 HILR R. Clarin: EE back after 40 day absence, read letter from
SPEEDXer Alan Brooks (433 1/12 Bixby-CA)(433 1840 1/23
Redman-IL)(233 1715 12/5 Granone-NM)(322 1930 1/14
Stephenson-CA)(252 2205 1/27 Pecenka-IN)(333 0048 1/24
Zink-CA)(454 2215 1/18 Smith-FL)(554 2300 12/25 George-TX)
(444 0023 1/15 Yajko-PA)

ECUADOR

- 3260 0325 HCOS4 LV del Rio Carrizal: Ecuadorian mx, SS anmts, ID & JTH
(322 1/8 Young-CA)
- 3380 1207 HCDY4 R. Iris: SS anmts, ID, Ecuadorian mx (343 1/26 Pecenka-
IN)(222 1135 1/23 Tannenwald-NY)
- 3390 0450 HCOT1 R. Zaracay: modern Ecuadorian mx, ID (333 2/6 Crews-FL)
(232 0345 12/8 Granone-NM)(333 0510 1/23 Gheno-PA)(323 0200
1/22 Yajko-PA)(333 1115 1/29 Tannenwald-NY)
- 4680 0233 HCWE1 R. Nacional Espejo: anmts, ads w/ jingles, LA pop mx
(444 1/22 Macris-MO)(353 0600 1/7 Granone-NM)
- 4760 2130 HCBJ2 R. El Mundo: SS IDs, mx (333 1/11 Scannell-MA) Mark, I'll
bet this Emisora Nuevo Mundo 4765khz not R. El Mundo this hr.
- 4795 0515 HCAS4 LV de los Caras: Andean mx, ID "LV de los Caras de
Ecuador" @ 0522* w/out anthem (333 1/30 Baumgartner-ONT)
- 4870 *1132 HCGM7 R. Rio Amazonas: Lengthy NA, IS tune (sounds like Jews
Harp) rock version of march, QC or Indian dialect tlk, ID
fqy & TC in SS, then Ecuadorian mx (443 1/16 Jones-MS)

4890 0503 HCER5 R. Centinela del Sur: SS soccer coverage, ID in passing
(444 1/16 Fischer-PA)

4900 0110 HCVS6 LV de Saquisilí: Big band mx, EE vocals, nx, IDs, hrd
until YVNK returned @ 0135 (433 1/20 Beal-WA)

4960 *1122 HCSE7 R. Federación: NA, musical interlude, ID, fqy, symphony
mx, bad het (322 1/24 Jones-MS)

5025 0318 HCEV5 R. Splendit: OM DJ w/ Ecuadorian mx (343 12/20 Watts-IN)
(433 0410 1/16 Fischer-PA)(433 0304 1/30 Macris-MO)(443 1027
1/31 Jones-MS)

5060 0253 HCEH3 R. Nacional Progreso: SS Andean vocals, jingles, ads (221
2/3 Fischer-PA)(354 0250 1/7 Granone-NM)(544 0148 McIntosh-PA)

6095 0230 HCJB: "DX Party Line" incl. Saturday SPEEDX report (554 2/6
Spencer-OK)(554 0230 2/7 Joseph-MO)(444 0135 2/1 Grenier-CA)
(433 0135 2/1 Stone-ONT)533 0230 1/31 Granone-NM)

6130 0730 HCJB: "Happiness Is" pgm (433 1/14 Gheno-PA)(353 0930 1/17
Smith-FL)

9560 0215 HCJB: "Passport" (554 1/20 Jechenthal-IL)(444 0400 12/17 Malone
MA)(444 0246 1/20 Smith-FL)(433 0629 1/19 Dutkowski-BC)
(554 0130 1/7 Dulmage-ONT)

9715 2358 HCJB: JJ informations, ID (433 2/8 Makishima-JAPAN)

9760 0600 HCJB: EE choral music (544 1/22 Dutkowski-BC)

11745 1300 HCJB: "Morning in the Mountains", ID (353 1/14 Smith-FL)

11790 1716 HCJB: "Unshackled" (242 2/6 Pecenska-IN)

11915 0230 HCJB: "DX Party Line" pgm (555 1/1 Granone-NM)

15115 1605 HCJB: pgm of rel. mx (443 1/13 Smith-FL)(444 1955 1/22
Dutkowski-BC)

15310 1707 HCJB: "DX Party Line" (353 1/20 Pecenska-IN)(333 1700 12/12
Malone-MA)

15375 2243 HCJB: pgm of rel. mx, OM tlk in UNID lang, perhaps RR, EE
ID @ 2300 Naylor-CA)

FRENCH GUYANA

3385 0414 FR3 Cayenne: OM DJ w/ calypso mx, ID, NA into guitar IS @ 0504*
(333 1/16 Baumgartner-ONT)(322 0500* 1/23 Gheno-PA)(333 0950
1/23 Earhart-PA)

GALAPAGOS ISLANDS

4810 0150 HCVG8 LV de los Galápagos: SS Christmas and Ecuadorian mx
(322 1/1 Stephenson-CA) And lest you think Norm nuts w/
his report of Christmas mx on 1/1 (343 0105 1/1 w/ Christ-
mas mx, Andean flute mx Macris-MO)(242 1225 2/5 Miller-OH)

GREENLAND

3999 0130 Grønlands Radio: Danish w/ nx, wx rpt (222 12/9 Granone-NM)

GRENADA

15105 2015 R. Grenada: EE mx, ads (333 2/4 Joseph-MO)(232 2255 1/15
Yajko-PA)(333 2002 2/1 Fischer-PA)(323 2130 1/30 Gheno-PA)

GUATEMALA

2360 1120 TGBA R. Maya: Indian dialect tlk, Guatamalan mx (242 1/22
Cohen-NJ)(343 0055 1/23 Donly-SC)

2390 0320 TGDS LV de Atitlán: LA mx, ID (323 2/5 Spencer-OK)(343 0100
2/2 Granone-NM)

3300 0400 TGNC R. Cultural: rel. pgm, Q&A format (443 1/31 Blumenfeld-NY)
(534 0340 2/5 Spencer-OK)(322 0425 2/6 Crews-FL)(333 0315
2/6 Joseph-MO)(433 0030 1/17 Redman-IL)(312 1135 1/3 Gheno-
PA)(433 0126 1/10 Macris-MO)(353 0400 1/23 Pecenska-IN)(322
0415 2/5 Zink-CA)(344 0300 1/19 Raymond-NJ)(322 1130 1/29
Tannenwald-NY)

3325 0230 TGBA R. Maya: OM tlk, LA mx pgm (423 2/6 Spencer-OK)

3360 1205 TGVN LV de Nahualá: LA mx, ID, Guatemalan mx (343 1/8 Earhart
PA)(333 1204 1/4 Gheno-PA)(433 0350 2/5 Spencer-OK)

3380 0148 TGCH R. Jhortis: LA pop mx pgm, SS ID (222 2/5 Zink-CA)

4825 0245 TGMN R. Mam: Marimba mx, OM SS tlks (333 1/25 Redman-IL)

4835 1214 TGTZ R. Tesulutlán: OM tlks, marimba mx, ID (433 1/23 Miller-OH)
(222 1213 1/18 Baumgartner-ONT)(232 0025 2/1 Legge-VA)

6180 2335 TGWB R. Nacional: SS OM & YL tlk, children sing songs (534
2/4 Spencer-OK)(554 2100 1/21 Granone-NM)

HAITI

3345 1945 4VSO R. 4VEH: EE rel. pgm to 2000 (333 12/22 Granone-NM)

HAITI

- 9770 1310 4VEH R. 4VEH: EE religious tlk (434 1/20 Yajko-PA)(322 1/16 w/ rel. mx pgm 1655 Fischer-PA)
 11835 1659 4VEJ R. 4VEH: EE rel. mx pgm, ID into "Hour of Decision" pgm (443 1/16 Fischer-PA)(454 1250 1/26 Pecenka-IN)(434 1230 1/18 Yajko-PA)(444 1650 1/30 Garner-ONT)

HONDURAS

- 4782 1145 HRRZ R. Juticalpa: LA mx, many ads, pgm of ranchera mx, TCs (343 2/3 Fischer-PA)
 4820 0445 HRVC LV Evangélica:EE rel. pgm, ID & of @ 0500 (444 2/8 Joseph MO)(222 0415 2/5 Spencer-OK)(433 0400 1/12 Granone-NM)
 4920 1225 HRPL3 R. Progreso: SS LA mx, many ads, ID (322 1/26 Miller-OH) (322 2/1 nx, interview, ID 0005 Baumgartner-ONT)
 6010a 1217 HR?? R. Swan: OM w/"Marimbas que Cantan", many IDs, into "Discorama Swan" @ 1250 (343 1217 1/17 Miklejewski-MN) (433 1200 2/7 Blumenfeld-NY)
 6075 1132 HRMH5 LV del Junco: comls, ID mentions slogan "...la frecuencia de oro..." TC, into Mass (433 2/5 Jones-MS)

MARTINIQUE

- 3315 *1000 FR3 Fort de France: s/on w/ anthem, FF ID into nxcst by OM (433 1/19 Pierce-MA)(422 0350 2/5 Blumenfeld-NY)(343 1040 1/16 Miklejewski-MN)

MEXICO

- 2390 0020 XEJN R. Huayacoctla: easy listening Mexican tunes, ID @ 0025 into requests, YL ID @ 0058 (332 1/19 Miklejewski-MN)
 6105 1210 XEQM Su Pantera: "Voces del Campo" mx pgm, ads, IDs as "R. Yucatán" (454 1/30 Joseph-MO)(322 0246 1/2 Watts-IN)(121 0435 1/30 Bixby-CA)(433 1225 1/22 Yajko-PA)(333 1127 2/5 w/ tune "Pancho Lopez" to tune of Davy Crockett Jones-MS)
 6115 2145 XEUDS R. Universidad de Sonora: IDs, anmts, ½ hr. non-stop classical mx (454 1/31 Thompson-NM)(433 0001 2/9 Zink-CA)
 9705 0200 XERMX R. México: OM ID w/ fqys, mx (222 1/31 Arnold-CA)(444 0200 1/3 Granone-NM)(333 0135 1/20 Crable-ID)(422 2315 1/16 Redman-IL)(333 0158 1/29 Yajko-PA)
 15385 2307 XERMX R. México: pgm of Mexican mx (454 1/12 Famularo-NJ)(533 2206 2/3 Garner-ONT)(323 0403 1/25 Dutkowski-BC)(544 2100 1/23 Stone-ONT)(554 2135 12/29 Hathaway-IL)(444 0004 2/4 Somers-CA)(344 2135 2/1 Fischer-PA)
 15423a 2155 XERMX R. México: YL w/ mx pgm, broken audio, possible spur? (222 2/4 Famularo-NJ)

NETHERLANDS ANTILLES

- 9515 0600 TRW, Bonaire: EE ID ancing special test xmsn, audio tones (544 1/28 Granone-NM)
 9570 0725 TWR, Bonaire: OM ID, PP rel. pgm (422 2/4 Bixby-CA)
 9715 0504 RN, Bonaire: EE nx, cmntry on African world, "What's New" pgm (444 1/16 Naylor-CA)(444 0510 1/17 Grenier-CA)
 11815 2140 TWR, Bonaire: OM rel. tlk (544 1/16 Dutkowski-BC)
 17810 2103 RN, Bonaire: Dutch w/ interview, comedy pgm, nxcst @ 2120 (444 1/15 Naylor-CA)
 17830 1835 RN, Bonaire: AA singing w/ orchestra (343 1/16 Earnhart-PA)
 21640 1732 RN, Bonaire: Dutch tlk mentions Netherlands (444 1/29 Bixby-CA)

NICARAGUA

- 2200 0145 YNQ R. La Lider: SS tlk, LA pop mx, ID (433 1/21 Donly-SC)
 5920 2320 YNN R. Nacional: A late report of apparent test xmsn hrd here w/ "Para Juventud" pgm of pop mx (535 12/30 Watts-IN) Not reported since. Anybody heard them anywhere else?

PERU

- 4790 0445 OAX8F R. Atlántida: Whispered verbal exchanges between host & hostess alternating w/ brief interludes of mx, 0453 ID, "Buenas noches, Peru y el mundo", pop mx, "La capital de la primavera" slogan (444 1/18 Brooks-CT)(443 0345 1/27 Cihen-NJ)(433 0330 1/18 Redman-IL)(343 1057 1/20 Yajko-PA)(343 0430 1/16 Earnhart-PA)

PERU (cont.)

- 4840 0510 OBX5E R. Andahuaylas: Peruvian vocals, ID & biref nx, into bullfight mx on organ (322 1/16 Baumgartner-ONT)
 4860 0603 OBZ4Z R. Chinchaycocha: tlk, ID @ 0611 (243 2/6 Fischer-PA)
 4975 0404 OCX4H R. del Pacifico: SS IDs, TCs, mx interludes between cultural tlks (433 1/18 Brooks-CT)
 4995 0313 OAZ4C R. Andina: just nice Andean mx (222 1/25 Miller-OH)(232 1050 1/10 Earhart-PA)(433 0411 1/18 Brooks-CT)
 5010 0340 OAX8V R. Eco: Modern mx, IDs (333 1/4 Stephenson-CA)(333 0432 1/16 Fischer-PA)(222 0530 2/6 Crews-FL)(333 0400 1/7 Dulmage ONT)(322 0135 1/9 Beal-WA)(323 0300 1/9 Gheno-PA)(353 0330 12/7 Granone-NM)
 6082 1130 OAZ4Z R. Nacional: ID, nx, TCs (322 1/11 Miklejewski-MN)
 9515 1120 OAX4J R. La Crónica: Andean mx, ads (332 1/14 Miklejewski-MN)
 9675 1110 OAZ4L R. del Pacifico: pgm of folk mx from different Latin American countries (323 1/21 Miklejewski-MN)

URUGUAY

- 11835 2245 CXA19 R. El Espectador: SS mx, ads (322 1/21 Junqua-JAPAN)(534 0000 12/22 Watts-IN)(434 0000 1/17 Granone-NM)(433 0100 1/17 Redman-IL)

VENEZUELA

- 3225 0100 YVTC R. Occidente: LA pop mx (413 1/6 Gheno-PA)(322 0147 1/22 Yajko-PA)
 3245 0318 YVKT R. Libertador: tlks, Venezuelan mx, 0400* (343 1/19 Thompson-NM)(322 0318 1/15 Macris-MO)(554 0400* 12/22 Watts-IN) (333 0300 1/12 Granone-NM)(323 0240 1/30 Gheno-PA)
 3255 1058 YVQL LV de El Tigre: SS vocals, OM tlk (322 1/12 Gheno-PA) (333 0435 1/22 Miklejewski-MN)(212 2245 1/16 Tannenwald-NY) (233 1025 1/20 Yajko-PA)
 3275 0250 YVMC R. Mara: Brassy LA pops, IDs (443 1/23 Cohen-NJ)(533 0650 1/1 Watts-IN)(242 1135 2/6 Miller-OH)(322 0340 1/30 Gheno-PA) (222 1115 1/30 Tannenwald-NY)
 3295 1120 YVOG R. Trujillo: LA mx, tlk (422 1/12 Gheno-PA)
 3325 0045 YVRA R. Monagas: SS tlk, mx pgm, ID (212 1/30 Tannenwald-NY)
 3355 0320 YVLC R. Impacto: full ID w/ qTH, Venezuelan mx (544 1/8 Young-CA)(222 2305 mx pgm, ads, TC 1/17 Tannenwald-NY)
 3365 0203 YVQP R. Puerto la Cruz: ID, TC, tlk (343 2/3 Fischer-PA)
 3385 0208 YVQI R. Barcelona: lively LA pop mx, "R. Barcelona Musical" pgm (242 2/3 Fischer-PA)
 3395 0210 YVOJ R. Universidad: SS vocals, OM ID, ads (343 1/30 Gheno-PA) (343 0212 2/3 Fischer-PA)(332 1125 1/31 Jones-MS)(433 1045 1/22 Miklejewski-MN)(333 1100 1/29 Tannenwald-NY)
 4760 0145 YVPP R. Frontera: spooky roadionovela, musical ID @ 0158, into LA pop vocals, fighting qRM (222 1/14 Baumgartner-ONT)
 4770 2317 YVNW R. Bolivar: LA pop mx, IDs, ads (222 2/5 Fischer-PA)(433 0122 1/21 Bixby-CA)(433 2312 1/29 Gheno-PA)(433 0205 1/19 Redman-IL)(333 0045 1/19 Yajko-PA)
 4780 0130 YVLA LV de Carabobo: Baseball game, ads (433 1/18 Redman-IL)
 4800 1115 YVMO R. Lara: mx, ads, TCs, ID (322 1/20 Tannenwald-NY)(433 0235 1/21 Redman-IL)(433 0245 1/6 Gheno-PA)
 4810 2240 YVMG R. Popular: mx, IDs, TCs, mucho ads (333 1/18 Pierce-MA) (433 1027 2/2 Gheno-PA)(333 0245 1/21 Redman-IL)(322 0007 1/14 Beal-WA)(323 1030 1/20 Tannenwald-NY)(343 1/17 Yajko-PA)
 4820 0540 YVWJ R. Tricolor: LA mx, TCs, ads (343 2/6 Fischer-PA)
 4840 0240 YVOI R. Valera: slow ballads, MOR tunes (222 2/3 Fischer-PA)
 4860 0530 YVQE R. Maracaibo: LA pop mx, IDs (444 2/8 Joseph-MO)(433 0235 1/30 Redman-IL)(433 0545 1/14 Gheno-PA)(333 0615 2/3 Zink-CA)
 4890 1054 YVKB Radiodifusora Venezuela: spts nx (422 1/20 Beal-WA)(333 0145 1/20 Stephenson-CA)(333 0345 12/9 Granone-NM)(323 2220 1/16 Tannenwald-NY)(444 0150 1/15 Naylor-CA)
 4900 0230 YVNK R. Juventud: rock mx (343 2/8 McIntosh-PA)(444 0230 2/2 Thompson-NM)(333 1045 1/29 Tannenwald-NY)(433 2/2 Redman-IL)
 4930 0900 YVMI LV de la Fé: s/on, NA, Venezuelan mx (444 2/2 Redman-IL)
 4940 1105 YVPA R. Yaracuy: nxcst, SS ID (434 1/20 Yajko-PA)(222 2250 2/5 Fischer-PA)(333 0220 1/25 Redman-IL)
 4960 2316 YVAU R. Sucre: musical IDs, pop mx (333 1/16 Macris-MO)
 4970 0510 YVLR R. Rumbos: LA pop mx, IDs w/ chimes (433 1/14 Crable-ID) (444 0515 2/8 Joseph-MO)(444 2330 1/31 Thompson-NM)(322 1/5 0315 Stephenson-CA)(444 1115 1/15 Beal-WA)(433 0320 1/30 Redman-IL)(554 0930 1/15 Hathaway-IL)(533 0705 1/14 Gheno-PA)

SWBC - EUROPE



Editor:
WADE SMITH
59 Benoit Street
Westport, MA 02790

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

ALBANIA

- 5057t 0509 R. GJEROKASTER: (Albanian) Folk music (343 1/23 Earhart-PA)
(Fair Hauser-TN, 5056.7)
6200 0136 R. TIRANA: (English) Commentary (333 1/24 Naylor-CA)(0230
343 1/7 Granone-NM)
7065 0010 R. TIRANA: (English) News, ID (323 2/7 Dennis-IN)(444 2/4
Schipelliti-MA)(*0630 334 1/23 Brigham-IL)
7090 0239 R. TIRANA: (English) Political talks (433 2/2 Bethge-MO)
7120 0100 R. PEKING via R.T.: (English) Commentary (434 2/11 Carrier-FL)
9500 1500 R. PEKING via R.T.: (Portuguese) "East is Red" IS, ID, news
(533 1/24 Miller-CA)
9780 0015 R. TIRANA: (English) (444 2/11 Carrier-FLA)
11985A *0130 R. TIRANA: IS, ID, RR talks w/ jamming (444 2/7 Makishima)

ANDORRA

- 6230t 0735 WORLD MUSIC RADIO: Dutch announcements & pop music with EE ID
@ 0800 covered but Andorra was mentioned (343 2/12 Oliver-NH)
(Poor 1/22 Beal-WA)(131 2/6 Bodell-OR)
-Bart warns that Radio Netherlands has a relay on 6228 kHz.

AUSTRIA

- 6155 0145 R. AUSTRIA (ORF): (English) Talk on Austria (412 1/5 Gheno-PA)
(221 2/6 Pecenka-IN)(433 2/6 Maghakian-NY)
9770 0130 R. AUSTRIA (ORF): (English) News, letterbox show (433 1/10
Scannell-MA)(322 1/20 Arneson-MO)(2305 GG 322 2/10 Beal-WA)
15305 *1500 R. AUSTRIA (ORF): (German) IS, ID, news (343 2/5 Pecenka-IN)
15335t 1710 R. AUSTRIA (ORF): (German) Talks (222 1/24 Beal-WA)

AZORES

- 4865 0055 EMISSOR REGIONAL DOS ACORES: (Portuguese) Light music, then
announced "Music for the Night" program of the Portuguese
National Radio from studios at Ponta Delgada directed for
Ponta Delgada and Frenal; then time pips or tones (4); then
time announcement as 0100; then harpsichord IS & news beginning
beginning with gas prices. (444 ed.)(444 Donly-SC)(544
Young-CA)(444 Brooks-CT)(433 Zimarski-MA)(454 Fischer-PA)
(343 Famularo-NJ)(444 Earhart-PA)(232 Legge-VA)

BELGIUM

- 6080 0015 BELGIUM RADIO & TELEVISION (ORU): (English) News (323 Perry-
QUE)(333 McIntosh-PA)(323 Reese-KS)(333 Pecenka-IN)(433
Earhart-PA)(433 Yajko-PA)(544 Maghakian-NY)(343 Bigelow-DE)
11940 1750 BTB/BRT-4 (ORU): (English) Talks (222 1/24 Beal-WA)
11945 1727 BTB/BRT-4 (ORU): (English) Music program, DX Corner (322 1/23
Garner-ONT)-established channel is 5KHz down, please check
calibration-ed.
21460 1550 BTB/BRT-4 (ORU): (French) Music, news (354 1/28 Gaffin-NY)
(0958 252 12/25 Araki-JAPAN)

BULGARIA

- 5915t 0400 RADIO "PAZ Y PROGRESO" via PLOVDIV: (Spanish) News to LA
(333 2/2 Kaufman-NY)-Belive to be the site you heard-ed.
6070 0240 RADIO MOSCOW via PLOVDIV: (English) Talk on US energy crisis
(323 2/3 Fischer-PA)
7115 0430 R. Sofia: (English) Commentary & ID (343 1/11 Smith-FL)
(R. MOSCOW via PLOVDIV: 0230 2/3 Fischer-PA)
7255 0130 R. SOFIA: (Spanish) News (212 2/8 Joseph-MO)
9700 1932 R. SOFIA: (English) News, letterbox, music (533 Garner-ONT)
(332 Arneson-MO)(444 Pecenka-IN)(0030 444 Rafe-NY)
9705 0020 R. SOFIA: (English) "DX Program" (222 2/11 Jechenthal-IL)
(422 1/21 Zilmer-WI)
11765 2115 R. SOFIA: (English) News (333 1/17 Yajko-PA)

CZECHOSLOVAKIA

- 5930 0215 R. PRAGUE: (English) News, editorials (343 1/26 Smith-FL)
(*0100 323 1/29 Gheno-PA)(343 1/27 Reece-KA)(0200 323 1/26
Brigham-IL)(354 2/5 Schipelliti-MA)(0100 333 2/6 Odhner-PA)
(433 1/13 Stone-ONT)(232 2/4 Rafe-NY)

CZECHOSLOVAKIA (cont'd)
6055 2140 R. PRAGUE: (English) Commentary (333 1/15 Yajko-PA)(1800 322 1/23 Zilmer-WI)
7345 0240 R. PRAGUE: (English) Listener's Letterbox (454 1/11 Smith-FL) (333 2/10 Dennis)(333 2/5 Thompson)(0140 444 2/2 Redman)
11990 1730 R. PRAGUE: (English) IS, ID fade out (322 2/9 Beal-WA) (1440 343 1/19 Yajko-PA)

DENMARK
15165 *1558 R. DENMARK: (English/Danish) IS, ID (333 Naylor-CA)(323 Lentz--PA)(433 Famularo-NJ)(344 Pecenka-IN)(434 Yajko-PA) (*1730 554 Maghakian-NY)(454 Novello-NY)

FINLAND
6105 0530 R. FINLAND: (English) s/on, ID, News, music (222 Granone-NM)
11755 1445 R. FINLAND: (English) Talks on Finland, music (444 1/14 Woltman-WI)(333 1/21 Yajko-PA)(433 1/28 Bryan-CA)
15110 *1430 R. FINLAND: (English) News, "Open Doors" (333 Gheno-PA) (334 Sana-NJ)(344 Pecenka-IN)(444 Yajko-PA)(444 Maghakian-NY)

FRANCE
9545 1725 R. FRANCE INTERNATIONAL: (English) "Paris Calling Africa" Frequency not on last schedule (444 1/16 Brooks-CT)
RFI: French/English Talks (434 1/8 McLaughlin-DE)
11735 0707 RFI: (French) News (353 12/9 Araki-JAPAN)
11745 1700 RFI (Paris Calling Africa): EE/FF pgm (245 1/29 Willis-PA)
11860nf 1850 RFI: (French) Talks, music, ID @ 1900 (444 1/30 Earhart-PA)
15155 1630 RFI: (French) Drama (444 1/16 Miller-CA)
15200 *1700 RFI (Paris Calling Africa): EE mailbag pgm (323 11/21 Arnold)
15265nf 1306 "RADIO FRAHNZ...": (French) US pop music w/ time checks (poor 1/21 Brookwell-CA)
15300 1645 RFI: French talks, English ID @ 1700 (343 2/4 Cramble-ID) (1400 444 1/29 Pecenka-IN)
15425 1750 RFI (Paris Calling Africa): (English) program (444 1/27 Rafe)
17720 1600 RFI: (French) Interview w/ author of film "LA Prisoniere" (555 1/13 Bethge-MO)

GERMANY, EAST
6040 0136 R. BERLIN INTERNATIONAL: (Spanish) ID after Antiqua went off (443 1/30 Scannell)(0210 22 2/3 Fischer-PA)(333 1/31 Earhart)
6070 0105 RBI: (Spanish) News (434 1/19 Perry-QUE)
7260 0550 RBI: (Portuguese) Frequency announcement (444 2/6 Joseph-MO)
9730 0100 RBI: (English) IS, ID & news (322 1/24 Granone-NM)
15170 1530 RBI: (German) Old American pops, s/off @ 1400 // 15145 (222 1/21 Brookwell-CA)(1838 1/29 Yajko-PA)
17880 1420 RBI: commentary & ID (232 1/27 Smith-FL)(343 1/22 Bigelow)
21540 1415 RBI: (English) Commentary (223 1/10 Gheno-PA)

GERMANY, WEST
3980 0440 VOICE OF AMERICA: (English) "Breakfast Show" (343 1/29 Rafe)
3995 0335 DEUTSCHE WELLE: (German) Commentary (333 1/26 Stuart-MA) (*0200 333 2/4 Novello-NY)(2230 422 1/15 Zilmer-WI)
6075 0130 DW: (English) News, "Magazine Show" (444 1/30 Scannell-MA)
6145 0040 DW: (German) News (445 1/23 Raiford-FL)
7130 0550 DW: (? language) Light music, ID @ 0600 (343 1/9 Earhart-PA)
7265t 2345 SUDWESTFUNK: (German) Pop music, talk (343 2/9 Oliver-NH) (443 1/24 Gaffin-NY)

GREECE
3935 0516 VOICE OF AMERICA via KAVALA: (English) "Breakfast Show" (222 2/5 Kaufman-NY)(222 1/9 Beal-WA)
6140 1830 VOA via KAVALA: (German) Talks, "up beat" music // 6150 (433 1/29 Hardester-OKINAWA)
9675 *1920 VOICE OF GREECE: (English) News (434 1/26 McLaughlin-DE) (434 1/16 Yajko-PA)(323 1/25 Baker-IL)
9760 2245 VOG: (English/Greek) News to 2300 then Greek folk music show (332 1/17 Brooks-CT)(544 2/6 Arneson-MO)(0222 333 Yajko-PA)
11730 0215 VOG: (English) News (323 1/29 UMDX)
17830 1215 VOG: (English/German) News & ID (343 1/27 Smith-FL)

HUNGARY
5965 2140 R. BUDAPEST: (English) News, commentary (343 1/17 Yajko-PA)
6000 0400 R. BUDAPEST: (English) "Calling DX'ers" (434 2/1 Joseph-MO) (0200 322 1/24 Stone-ONT)(434 2/3 Fischer-PA)(0300 321 Rafe)
7300 0300 R. BUDAPEST: (English) News (good 1/3 MacDonald)

ICELAND
12175 1558 REYKJAVIC RADIO: English/Icelandic voice mirror (or test tape)-for point to point purposes not SWBC but Utilities. This is unique as 1000-1200. They do have SWBC programming sometimes with English. Station Skeds had an item on this in January's issue--ed. (434 1/18 Lentz-PA)(1950 352 1/15 Famularo-NJ)(343 2/5 Maghakian-NY)

IRELAND

15125t 1745 R. DUBLIN INTERNATIONAL: (English) Football scores, s/off @ 1745 then back on @ 2145 (333 12/18 Kerrigan-IL)--Did you hear a clear identification?--ed.

ITALY

5990 2200 RADIOTELEVISIONE ITALIANA (RAI): (English) News // 9710 & 11905 (Zilmer-WI)
 6010 0115 RAI: (English) News (322 2/10 Dennis-IN)(444 1/24 Stone-ONT) (242 2/6 Pecenka-IN)
 9575 0112 RAI: (English) News (222 2/10 Beal-WA)(333 1/24 Yajko-PA)
 11905 2225* RAI: (English) s/off (322 1/23 Yajko-PA)

LUXEMBOURG

6090 0000 R. LUXEMBOURG (Alias "Big L" & Radio 208): (English) Rock Music (232 1/10 Smith-FL)(412 Reese)(0200 333 Odhner)(332 Smith-AL)(344 Pecenka)(333 Yajko)(343 Fowler)(444 Maghakian) (433 Worman)(333 Rafe)(444 Redman)

MALTA

6080 2113 IBRA: (English) Religious program (333 1/9 McLaughlin-DE)
 6080 2045 R. MEDITERAN: (English) Music, ID, talk on Malta's churches (333 1/29 Schipelliti-MA)(232 1/31 Lentz-PA)(322 2/5 Fischer)
 6100 0130 DEUTSCHE WELLE via MALTA: (English) News (433 2/10 Redman-IL)

MONACO

7105 0745 TRANSWORLD RADIO: (English) Religious talks & hymns (322 Crable)(534 Lentz)(0800 332 Smith-FL)(434 Raymond)
 9525 1500 TWR: (Russian) IS to 1505 s/on (343 1/17 Brooks-CT)

NETHERLANDS

9715 0510 R. NEDERLAND: (English) "Glenn Hauser DX Program" (433 1/19 Somers-CA)(444 12/18 Kerrigan-IL)(544 2/8 Carrier-FL)
 9895nf*2300 R. NEDERLAND: (Spanish) s/on, news // 15320 (322 2/7 Zimarowski-MA)(1445 333 1/29 Zilmer-WI)(333 2/9 Dutkowski-BC)
 15185 1500 R. NEDERLAND: (English) "What's New" program (212 2/5 Kaufman)
 17700 1400 R. NEDERLAND: (English) Program to South & Southeast Asia (211 2/2 Carrier-FL)

NORWAY

9550 0000 R. NORWAY: (English) News (333 Arneson-MO)(433 Yajko-PA)
 11900 1627 R. NORWAY: (English) Commentary on elections (533 1/23 Garner)
 15175 1600 R. NORWAY: (English) News (443 Wirrell-MA)(1400 433 Zilmer-WI)
 15345 1600 R. NORWAY: (English) ID, news (334 1/23 Gheno-PA)(1400 433 Zilmer-WI)

POLAND

11840 0300 POLISH R.: (English) News (443 1/1 Granone-MI)

PORTUGAL

6025 *0230 R. PORTUGAL: (English) ID, news (333 1/23 Naylor-CA)(0515 323 2/7 Dennis-IN)(0310 344 2/9 Norvello-NY)(443 2/5 Talbot WI)(0300 555 2/9 Smith-AL)
 7145t 0610 RADIO FREE EUROPE: (? language) Mass pgm (343 1/9 Earhart-PA)
 9565 1529 RADIO CANADA INTERNATIONAL via SINES: IS under VOA (poor 2/6 Hauser-TN)
 11725 2150 R. FREE EUROPE: (Polish) Talks, ID, news (333 Zimarowski-MA)
 11815 *1700 RADIO FREE EUROPE via LISBON (?)
 15340 1940 R. PORTUGAL: (Portuguese) News & commentary (444 2/1 VMDX)

ROMANIA

5990 *0130 R. BUCHAREST: (English) news (323 1/30 Gheno-PA)(222 2/10 Beal-WA)(433 1/4 Fowler-ONT)
 9530 1506 R. BUCHAREST: (English) News, ID & music (242 2/6 Pecenka-IN)
 9570 0133 R. BUCHAREST: (English) News (343 2/6 Pecenka-IN)
 10110 *1900 R. ESPANA INDEPENDIENTE: (Spanish) IS, ID, news (332 Novello)
 11775 1200 R. BUCHAREST: (German) News (555 1/23 Cabos-W. GERMANY)
 11940 1300 R. BUCHAREST: (English) News, commentary & music (233 Garner-ONT)(333 Brigham-IL)(334 OliverONH)(333 Yajko-PA)(232 Bigelow)
 12140 1805 R. ESPANA INDEPENDIENTE: (Spanish) Political talks with jamming (322 1/25 Fowler-ONT)(444 2/5 Maghakian-NY)

SPAIN

6065 0345 R. NACIONAL DE ESPANA: (English) DX pgm (Willis-PA)(Bethge-MO)(0130 Reese-KS)(0200 Smith-AL)(Davidonis-MA)
 6080nf 0115 RNE: (English) pgm alternating w/ 6065 KHZ to probably avoid QRM (Perry-QUE)(Earhart-PA)(2100 Zilmer-WI)
 6085nf 0319 RNE: (English) folk music (433 2/4 Garner-ONT)(433 Earhart-PA)
 6100 2130 RNE: (English) News, folk music (545 Cabos-W. Germany)
 9360m *2300 RNE: S/on with SS prn (444 Scannell-MA)(0240 Naylor-CA)
 11880 01200 RNE: (English) Sports (322 1/3 Stephenson-CA)
 11965 2315 RNE: (Spanish) "Spanish Chamber Music" (544 2/6 Somers-CA)

SWEDEN
6045 0030 R. SWEDEN: (English) News, music (333 1/25 Seymour-NC)
(0236 222 2/3 Fischer-PA)(312 2/3 Baker-IL)
11945 *1800 R. SWEDEN: (English) IS, ID & news (353 2/5 Pecenka-IN)
15305 1257* R. SWEDEN: (English s/off w/ frequencies & short IS (322
Brockwell-CA)(1404 454 Pecenka-IN)(554 Maghakian-NY)

SWITZERLAND
5965 0145 SBC: (English) Commentary (222 1/11 Davidonis-MA)
6045 0435 SBC: (English) News (343 1/15 Pia-NY)(*0330 544 Worman-WI)
9535 1550 SBC: (English) News (354 2/9 Novello-NY)
9725 0445 SBC: (English) Swiss music, ID with frequency list @ 0500*
(343 1/30 McIntosh-PA)(0320 FF 1/4 Stephenson-CA)
9735 2105 SBC: (English) "Jazz Panorama" // 9590 (343 1/23 Meehan-CT)
15140 *1315 SBC: (English) s/on, news // 3985, 6165, 9535, 9735, 11745,
11870, 15430 (444 1/15 Yajko-FA)(554 2/3 Maghakian-NY)
15305 0942 RED CROSS BROADCASTING SERVICE via SCHWARZENBURG: (English)
IS, ID Red Cross news, interview & music (333 Ishizaki-JAPAN)
15430 *1526 SBC: (English) IS, ID, "Daytime" (433 1/19 Naylor-CA)
21585 1600 SBC: (German) Time pips ID & frequencies (322 Dennis-IN)

UNION OF SOVIET SOCIALIST REPUBLICS

BYELORUSSIAN SSR
5920t 0320 R. MINSK: (Russian) Piano exercises & talks (333 1/14 Young)
12005 1129 R. MINSK: (Russian) Talks then ID (242 1/30 Pecenka-IN)

GEORGIAN SSR
5040 1454 R. TBILISI: (Russian) Talks (232 1/18 Bryan-CA)
7185 *2300 R. MOSCOW via TBILISI: (Spanish) IS, ID then news (434 Seymour)

EUROPEAN SSR & UNKNOWN SITES
5015 0620 R. MOSCOW EXTERNAL SERVICE via VLADIVOSTOK: (Russian)
Commentary & ID @ 0629 (423 1/29 Dutkowski-BC)
6070 0350 R. MOSCOW via PETROPAVLOVSK-KAM.-ed.: (English) "Moscow Review"
(433 12/6 Redman-IL)
6120 0000 R. MOSCOW: (English) "Think out Loud" (545 1/23 Raiford-FL)
7130 0542 R. MOSCOW: (English) Commentary (223 11/27 Arnold-OH)
7215 *0100 R. VILNIUS: (Lithuanian) ID (444 1/7 Heckenlively-SD)
7360 0330 R. MOSCOW via ARMAVIR: (English) "Moscow Review" (333 1/20
Smith-FL)(Fair 1/30 Burnett-WI)
9490 2300 R. MOSCOW via Zhigulevsk: (Russian) IS, talks (1/23 Bryan-CA)
9580 0549 R. MOSCOW: (English) Commentary (221 11/27 Arnold-CA)(523
1/27 Dutkowski-BC)-probably Peyropavlovsk-Kam.-ed.
9610 0045 R. KIEV: (English) "Mailbag" (443 12/18 Batson-KS)
9720 1600 R. MOSCOW via RYAZAN: External service in Russian with IS & ID
(444 1/30 Scannell-MA)
9735 0327 R. YEROVAN: (English) Music & comments(333 1/4 Stephenson-CA)
9810 2350 R. RODINA: (Russian) Music with time check @ 0000 & IS on organ
organ (444 1/17 Earhart-PR)
11690 2330 R. RODINA: (Russian) talks, ID & IS (434 2/8 Schipelliti-MA)
11860 0256 R. MOSCOW via PETROPAVLOVSK-KAM.-ed. (English) Jazz pgm
(534 1/31 Dutkowski-BC)
15200 1248 Unknown program in Russian from probable Kalach site (343 1/8
Earhart-PA)
15450 2330 R. MOSCOW via ZHIGOLEVSK: (English) news (343 1/24 Smith-FL)
17720 1330 R. MOSCOW: (English) Beam to Africa (322 2/2 Carrier-FL)

KAZAKH SSR
4560t 0445 Unidentified Russian program of singing (534 1/12 Dutkowski)
Gur'yev was reported here in "A Guide to Soviet Broadcasting"

LITHUANIAN SSR
5960 0800 R. MOSCOW via KAUNAS (?): (Japanese) News & music (444 1/1
Araki-JAPAN)--This is more likely Vladivostok, reported for
Chinese broadcasts.-ed.

UKRAINE SSR
4825 2000 R. MOSCOW via KIEV: IS unknown language (332 1/29 Wirrell-MA)
4920 2040 R. MOSCOW via KIEV: (German) Talks, pop music, IS @ 2200 then
Czechoslovakian program (353 1/30 Donly-SI)(333 1/20 Wirrell)
(343 1/30 Zimarowski-MA)
5940 2330 R. MOSCOW via NIKOLAYEV: (English) "Moscow Review" (544 1/16
Willis-PA)(343 1/27 Reese-KS)(433 2/6 Odhner-PA)(544 1/8
Stone-ONT)(0225 333 2/5 Thompson-NM)(433 2/6 Redman-IL)
6030 0537 R. MOSCOW via NIKOLAYEV: (English) news (333 11/27 Arnold-CA)
7205 2312 R. MOSCOW via SIMPEROPOL.-ed.: (English) talks on Russia (443
1/12 Famularo-NJ)(333 1/24 Redman-IL)
7355 2300 R. MOSCOW via SIMPEROPOL: (English) News & commentary (454 1/22
Smith-FL)

UNITED KINGDOM

5975 0137 BBC: (English) Commentary (444 2/10 Dennis-IN)
 6175 2330 BBC-WORLD SERVICE: (English) "Top 20" music program
 (444 2/3 Breitung-IL)(0610 343 1/14 Crable-ID)
 7105A 0305 BBC-WORLD SERVICE: (English) "World News" through HAM QRM
 (443 12/18 Batson-KS)
 7200 0520 VOA via WOFFERTON: (English) Music followed by news
 (153 1/28 Reese-KS)
 7240nf*0313 BBC: (Turkish) IS, language announcement (333 Earhart-PA)
 9410 2315 BBC-WORLD SERVICE: (English) "New Ideas" program // 9510 &
 9580 (222 1/30 Talbot-WI)
 15070 1545 BBC: (English) Classical music pgm (343 2/3 Thompson-NM)
 17875 1657 VOA via WOFFERTON: (English) Special Broadcast (353 1/20
 Pecenka-IN)

VATICAN

5995 *0100 VATICAN R.: (English) s/on, news (222 2/10 Beal-WA)(455 2/9
 Smith-AL)(333 1/11 Davidonis-MA)
 6015 0104 VATICAN R.: (English) Talk by Pope (343 2/6 Pecenka-IN)
 7250 2030 VATICAN R.: IS, heard past 2034 (222 1/28 Baker-IL)
 --English is scheduled @ 2030 to Europe-ed.
 9605 *0115 VATICAN R.: (English) IS ID then talks (422 1/10 Gheno-PA)
 (434 1/17 Yajko-PA)
 9645 2037 VATICAN R.: (English) Religious news (343 12/30 Fowler-ONT)
 11740 1500 VATICAN R.: (English) Identification announcement (444
 Garner-ONT)(222 1/30 Lentz-PA)
 17900 *1704 VATICAN R.: (English) IS ID religious talk (222 Brigham-IL)

YUGOSLAVIA

9620 2200 R. BELGRADE: (English) news & commentary (332 Wirrell-MA)
 (322 Beal-WA)(233 Orr-CO)(344 Pecenka-IN)(333 Yajko-PA)
 (433 Fowler-ONT)(222 Bigelow-DE)(422 Redman-IL)

CLANDESTINES FROM UNKNOWN SITES

13250 2159* R. EUZKADI: (Spanish) Talk on Basque flag then the "Euzkadi
 en Mundo" news program (343 1/30 Gaffin-NY)

CORRECTIONS AND SUGGESTIONSUNION OF SOVIET SOCIALIST REPUBLICS (February, 1977)

4055 Logging is likely to be Moscow 3 or Yuzhno Sakhalinsk because
 Petropavlovsk Kazakh, SSR usually has only a local service from
 0130 - 0200 -- Bob Bodell-OR
 5015 Logging should be Vladivostok and not Arkhangelsk -- Dutkowski-BC
 & Bodell-OR
 9735 Logging should be Nikolaevsk-on-Amur (Soviet Far East) and not
 Nikolayev (Ukraine) -- Roger Legge-VA
 15100 Radio Kiev logging @ 0030 is via Khabarovsk -- Legge-VA
 15180 On North American Service is Petropavlovsk-Kamchatsky (ARFSFR)
 -- Bodell & Legge
 15455 On North American Service is Petropavlovsk-Kamchatsky (ARFSFR)
 -- Legge
 or Simferopl (Ukraine SSR) -- Bodell

LAST MINUTE ITEMS:ALBANIA

6200 0240 R. TIRANA: (English) News & Commentary (343 2/13 Wilder-PA)

GERMANY-EAST

5955 0400 R. BERLIN INTERNATIONAL: (English) "DX Club" show (434
 2/14 Wilder-PA)

ITALY

6010 0100 RAI: (English) IS, News & commentary (423 2/1 Miller-MA)

MALTA

6100 0130 DEUTSCHE WELLE via MALTA: (English) IS, ID, news & Saturday
 Show "Greenweek" (455 2/6 Miller-MA)

I would like to join Mark Scannell and, I am sure, all of SPEEDX's
 membership in wishing Frank Testa a quick recovery.

Anne and I appreciated the words of congratulations on the birth of Sharon.
 Heather (4½), Kristi (3), and baby Sharon are all TERRIFIC!!!

Thanks to all 77 reporters this month. Good Listening,

Wade

SWBC DX



AFRICA

Editor:
RALPH FAMULARO
204 Olean Avenue
Jersey City, NJ 07306



FEBA
Seychelles

Radio Television Kaduna

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

AFARS and ISSAS

4780 0340 France Regions 3: Somali-like vocals accompanied by one note drum beat, OM tlk at 0348 (222 2/5 Baumgartner-ONT)

ALGERIA

6145 0748 Radiodiffusion Television Algerienne: AA mx, ID @0801, into tlk by YL w/mx (434 1/23 Orr-CO)(333 1/30 Breeden-MS)
6160 0801 RTVA: FF tlk, AA mx (333 1/30 Breeden-MS)
11920T 2130 RTVA?: AA tlk by OM into vernacular (422 2/10 Beal-WA)
17540 1430 RTVA: Strong, but distorted signal, more like FM than AM, with EE lesson, readable by slope detection (i.e. tuning to one side) AA ID mentioning Algeria, nx. Xmtr. site = ? (1/17 Hauser-TN)

ANGOLA

3375 0500 Radio Nacional: PP w/anthems, ID "Radio Nacional de Angola" ngm review, afro mx (322 1/30 Baumgartner-ONT)
4820T 2200 R. Nacional: PP tlk (nx?), heard "Luanda" and "Angola" fade out at 2216 (322 2/1 Donly-SC)

ASCENSION ISLAND

7105 0310 BBC Atlantic Relay: EE World news (444 2/9 Redman-IL)(343 0305 2/2 Thompson-NM)(444 0307 1/17 Bryan-CA)
9600 0805 BBC: EE World Service, reflections (444 1/17 Miller-CA)
15105 1750 BBC: "Sports International" (433 1/16 Redman-IL)
17840 *1500 BBC: EE IS, ID, Radio Newsreel (444 2/9 Beal-WA)(Bryan)(Miller-CA)

BENIN

4870 2208 La Voix de la Revolution Beninoise: FF OM tlk, nx (333 1/30 Fischer-PA)(333 Pierce-MA)(443 Miller-OH)(232 McLaughlin-DE)(443 Bryan-CA)(343 Maghakian-NY) in vern (433 0008 Bixby-CA)

BOTSWANA

4845 0401 Radio Botswana: EF tlk on farmers, nx headlines (434 1/30 Sebastian-VA)(222 Pierce-MA)(342 Scannell-MA)(222 Beal-WA)(332 NO NAME- please put name on every logging)(422 Bixby-CA) in Setswana (322 0357 2/2 Zimarowski-MA)(232 Breeden-MS)(434 Yajko-PA)(343 Bryan-CA)(433 Granone-NM)

CAMEROON

4972.5 0553 Radio Yaounde: EE rock mx, OM DJ (322 1/17 Bryan-CA)(142 Granone-NM) in FF (222 0540 Beal-WA)(343 1/31 Sparks-CA)
5010 0530 R. Garoua: Continuous afro mx & singing not // Yaounde (252 1/31 Sparks-CA)(in vern 242 1/28 Miller-OH)

CANARY ISLANDS

11980 2255 Radio Television Espanola, Tenerife: End of 2045-2300 pgm (232 1/20 Lordo-SC)(222 2202 2/10 Beal-WA)

CENTRAL AFRICAN EMPIRE

5038 2230 Radiodiffusion Nationale Centrafricaine: FF nx, annxs, ID (333 Oliver-NH)(433 2/3 Donly-SC)(243 2245 1/24 Seymour-NC)(333 1/13 Bryan-CA)(432 0600 1/13 Bixby-CA)

CHAD

4904.5 0430 Radiodiffusion Nationale Tchadienne: FF nx, ID, local mx & tlk by OM (434 2/1 Granone-NM)(332 2135 Fischer-PA)(353 1/31 Sparks-CA)(343 2205 2/12 Oliver-NH)

CONGO, PEOPLE'S REPUBLIC OF

4765 2100 Radiodiffusion Television Congolaise: FF tlk on energy crisis

CONGO (cont.)

15190 1935 with little mx (323 1/16 Gheno-PA)(433 1/22 Zilmer-WI)(433 1/18 Bryan-CA)(433 1/26 Miller-OH)(344 1/18 Yajko-PA)(353 Klontz-CA)
 RTC: FF OM tlk on the Civil War (444 2/1 Fischer-PA)(333 2/6 Beal-WA)(433 2/10 Dennis-IN)(in EE w/ lesson on "Macbeth" 2/42 1/28 2106 Meehan-CT)(343 2106 Bryan-CA)

EGYPT

9455 1615 Radio Cairo: AA chants & nx (323 1/23 Dutkowski-BC)
 9475 0200 R. Cairo: EE w/Egyptian mx,pgm on maps, press review (544 2/10 George-TX)(433 1/23 Bryan-CA)(222 0250 Stephenson-CA)(444 0245 Joseph-MO)(433 0257 Yajko-PA)(333 Thompson-NM) (153 0200 Reese-KS)(443 2/5 Novello-NY)
 9805 2205 R. Cairo: EE nx pgm severe het. (423 1/15 Yajko-PA)(333 2/5 Fischer-PA)(433 Redman-IL) in AA (222 Beal-WA)(323 1904 Dutkowski-BC)(in FF 343 2025 1/23 Bryan-CA)
 9850 2125 R. CAIRO: AA YL anncr, Egyptian mx (433 1/29 Redman-IL)
 11630 2255 R. Cairo: AA mx, tlk (333 1/23 Yajko-PA)
 15130T 1355 R. Cairo:AA OM & YL reading nx, mentions of Moscow and Soviet Other possibilities; Israel or Radio Liberty. (343 Earhart-PA)
 17725 1701 R. Cairo: AA nx by OM // 17745 (433 1/17 Beal-WA)

ETHIOPIA

4905 0257 ETLF: Amharic YL ID, OM EE ID, drum beat IS (333 2/1 Bixby-CA) (353 0305 2/1 Sparks-CA)
 6185 1658 Radio Ethiopia: U/lang w/local mx, IS, ID, covered by VOA at 1700 (343 1/31 Junqua-JAPAN)
 7210 0350 ETLF: Gospel mx & YL tlk in Swahili, EE ID at 0400, announced as 7210 khz, EE nx (353 1/14 Sparks-CA)
 9614 1559 R. Ethiopia: Vern IS, ID, pgm (322 1/17 Young-CA)
 9705 0344 ETLF: EE mx, rel. tlk, "Radio Today" (332 1/22 Smith-FL)
 11880 1740 ETLF: EE IDs into vern pgm (322 1/18 UMDX-MANITOBA)
 14955 2000 ETLF: EE religious pgm to W. Africa (433 1/29 Zilmer-WI)(343 2/4 Rafe-NY)(--4 Burnett M. WI)(444 1/30 McIntosh-PA)(323 1952 Yajko-PA)(142 2030* Reese-KS)(433 1/23 Garner-ONT)(343 1/25 Fowler-ONT)(332 1/11 Marcis-MO)(444 2/1 Fischer-PA)(333 2/5 Seymour-NC)(333 2014 2/6 Raymond-NJ)
 15120 1551 ETLF: EE ID, choir mx (333 1/25 Crable-ID)
 15280A 1315 ETLF: Tamil? tlk, EE ID (444 2/8 Makishima-JAPAN)
 15365 *1914 ETLF: EE/FF/U/lang IDs w/mx (333 2/4 Baker-IL)

EQUATORIAL GUINEA

4926 0545 Radio Equatorial: SS w/afro mx, OM ID, nx (343 1/17 Bryan-CA) (343 0550 1/31 Sparks-CA)

GABON

4777 2335* Radiodiffusion Television Gabonaise: FF nx, Afro mx, sudden sign off (544 1/28 Gaffin-NY)(322 2/10 Beal-WA)(333 Bryan-CA)(232 Fowler-ONT)(243 1/25 Seymour-NC)

GHANA

4915 0559 Ghana Broadcasting Corporation 1, Accra: EE drum IS ID, nx (343 2/6 Pecenska-IN)(322 1/26 Zink-CA)(252 2/6 Reese-KS) in Vern. (343 1/17 Bryan-CA)(221 1/30 Fischer-PA)(343 1/17 Yajko-PA)
 6130 2300 R. Ghana: EE choir mx, splatter from Moscow (333 1/29 Seymour-NC) (212 1/27 Reese-KS)
 4980 *0600 GBC, 2 Ejura: EE nx (444 2/6 Maghakian-NY)(333 1/30 Donly-SC) (443 1/17 Bryan-CA)(322 1/16 Yajko-PA)(222 1/30 Fischer-PA) Sorry, out of order. rmf.

GUINEA REPUBLIC

4910 0440 Radiodiffusion Nationale: Vern w/Afro mx, OM DJ (432 1/17 Bryan-CA)(232 0620 2/6 Fischer-PA)
 7125 0525 R. Nationale: FF w/strumming mx, ID at 0532 then more mx (322 2/9 //4910 Pierce-MA)(333 on 7125.7 Zimarowski-MA)(222 on 7125.8 0555 1/26 Breeden-MS)

IVORY COAST

4940 2250 Radiodiffusion Television Ivoireinne: FF lite mx pgm // 11920 (343) (333 2/4 Baker-IL)(343 Fischer-PA)(443 0611 Bryan-CA) (434 2/6 Joseph-MO)(332 2028 1/29 NO NAME)
 11920 1920 RTVI: EE nx & mx (444 1/11 Garner-ONT)(433 Fowler-ONT)(433 1/15 Lordo-SC) in FF (443 2/8 Miklejewski-MN)(434 Yajko-PA)(433 2/3 Hechenlively-SD)(433 Worman-WI)(443 Novello-NY)(443 2/1 Fischer-PA)(333 Thompson-NM)(422 2/6 Beal-WA)(444 1/22 Naylor-CA)(423 1/29 Redman-IL)

LESOTHC

430C 0405 Radio Lesotho: U/lang OM prayer into Afro choral mx, good YL ID at 0410, brief OM nx at 0415 (222 UTE QRM, 2/6 Baumgartner-ONT) (333 1/21 Bryan-CA)(222 1/21 Sparks-CA)

LIBERIA

399C 0306 VOA, Monrovia Relay: EE nx (333 2/4 Miller-OH)(433 2/1 Alberts-ELWA: EE TC for 9 O'clock, stronger at 2110 (353 1/29 Schipelli-MI)(443 Donly-SC)(333 Zimarowski-MA)(343 Fischer-PA)(322 1/13 Junqua-JAPAN) CA)
 4770 2100
 7195 0354 VOA Monrovia: EE tlk on Afro/American month (344 2/2 Pecenska-IN) (444 Bryan-CA)(444 Thompson-NM)(322 2/5 Spencer-OK)
 7280 0315 VOA Monrovia: EE "African Safari" (333 1/27 Rafe-NY)(243 2/6 Pecenska-IN)(222 1/27 Reese-KS)(333 1/16 Naylor-CA)
 11245 1920 ELWA: EE ID, request pgm (333 1/24 Fowler-ONT) + 13 Others
 12010 170C VOA, Monrovia: Swahili nx, down from 12050 (343 2/4 Beal-WA)

LIBYA

0135 2237 People's Revolutionary Broadcasting: AA w/nx, ID, mx, Koran (2244 (433 1/31 Zimarowski-MA)(322 2357 lost to VOA Scannell-MA)

MALAGASY REPUBLIC

11730 2006 Radio Nederland, Talata Relay: EE pop mx, DJ (343 1/23 Bryan-CA) (444 Rafe-NY)(353 Pecenska-IN)(444 Thompson-NM)(444 McLaughlin-DE) (333 Dennis-ID)(423 2/6 Spencer-OK)
 15220 *1630 P. Nederland, Talata: Afrikaans w/EE ID (333 2/9 Novello-NY) (322 2100 2/6 Beal-WA) last report in FF
 16135 1555 P. Nederland, Talata: AA w/IDs (222 2/10 Dennis-IN)(Bryan-CA)

MALAWI

3330T 0327 Radio Blantyre: Group (children?) singing, w/native drums. This station generally covered by RTTY, Chichewa tlks, EE ads. Het. developed, tuned off 0345 (343 1/17 Earhart-PA)

MALI

5995 2210 Radiodiffusion du Mali: FF w/Afro mx, ID (444 2/6 McLaughlin-DE) (434 Pierce-MA)(343 Sparks-CA)(333 Scannell-MA)

MAURITANIA

4845 0615 Radiodiffusion Nationale Mauritanie: AA chants (334 2/2 Gheno-PA) (322 Zimarowski-MA)(343 Seymour-NC)(333 Bryan-CA)(443 Fischer-PA)

MOROCCO

6170 1955 Radiodiffusion Television Moracaine: AA choral mx (333 1/30 Redman-IL)(--4 1/29 Scannell-MA) (owski-MA)
 6180 *0000 RTVM: Switches from 6170 at 0000 w/no announcements (322 Zimar-RTVM: AA OM w/Koran reading (222 2/9 Beal-WA)
 9615 2105 RTVM: AA chanting (322 Getzel-NY)(Dutkowski-BC)(Yajko)(Beal)
 11735 1315 RTVM: AA chanting (433 1/15 Famularo-NJ)
 15360 1235

MOZAMBIQUE

3210 0402 Radio Mozambique: PP OM tlk, bacjground mx (322 UTE QRM Bryan-CA)
 7239 0355 R. Mozambique,Maputo: PP s/on, nx (433 1/26 Young-CA)
 9620 1800 R. Mozambique: EE "Voice of Zimbabwe" pgm w/interviews on the armed struggle (322 Klontz-CA)(433 Bixby-CA)(423 1/16 Orr-CO)

NIGERIA

4900 2103 Radio Nigeria: EE nx,tlks (434 1/22 Sebastian-VA)(Rafe-NY)(UMDX-MANITOBA)(Junqua-JAPAN) This freq. is drifting from 4990 when they made a transmitter change- see last page. rmf
 4990 2122 NBC, Lagos: EE YL/OM tlks (343 1/28 Miller-OH) +6 others
 6195 0639 NBC, Sokoto: EE w/Afro mx, ad, ID & drums (353 1/22 Orr-CO)
 7275 0430 Voice of Nigeria: EE nx, pop mx (545 2/2 Alberts-CA)+ 11 reporters

RHODESIA

3306 ??? Rhodesian Broadcasting Corporation: EE nx & mx (111 McIntosh-PA)
 3396 0400 RBC: EE ID, OM nx (332 Breeden-MS)(Orr)(Bryan)(Seymour-NC)

RWANDA

15410 2220 Deutsche Welle; Kigali Relay: GG pgm (422 2/9 Beal-WA)

SAO TOME E PRINCIPE

4806.6 2250 Radio Nacional: PP pop mx, YL tlk (222 Brigham-IL)(222 Donly-SC)

SENEGAL

4890 2155 Radiodiffusion du Senegal: FF tlk, ID 2200 (UMDX*MANITOBA)(322 Fowler-ONT)(343 0800 2/6 Fischer-PA)
 7211.5 0755 R. du Senegal: FF tlks, ID, o800 TC (322 1/28 Young-CA)

SEYCHELLES

9700V C335 FEBA: EE religious pgm, change from 9725 (434 1/11 Meehan-CT) (454 0315 2/13 Donly-SC)
 11845 1531 FEBA: EE IS, ID, nx lost in QRM (222 2/5 Miklejewski-MN) + 5 others

SIERRA LEONE

3316 2230

Sierra Leone Broadcasting Service: EE political & economic tlc (322 1/18 Yajko-PA)(332 Bryan-CA)(333 McIntosh-FA)(232 Schipilliti-MA)(333 Zimarowski-MA)(332 Breeden-MS)

SOMALIA

9585.7 2040

Radio Mogadishu: Somali w/local mx,nx, 2058* (433 1/30 Zimarowski-MA)(333 Marcis-MO)(433 Yajko-PA)(131 Getzel)(Seymour-NY)

SOUTH AFRICA

3250 0210

South African Broadcasting Corporation: EE orch mx, niano mx, vocals, ads, IDs, nx (343 1/26 Thompson-NY) +6 reporters

3285 0434

SABC: EE pop mx (121 1/16 Reese-KS)

3955 1754

SABC: Afrikaans w/ Radio RSA ID, celeste IS & nx (?? 1/13 Junqua-JAPAN)(in EE 222 1/17 0428 Bryan-CA)

3995 0425

Radio RSA: EE OM nx (232 1/17 Bryan-CA)(111 *0300 Reese-FS)

4810 0400

SABC (Springbok): EE/Afrikaans pgm (222 2/4 Smith-T) + 18

4835 0345

SABC (Springbok): EE agricultural tlc (444 1/28 Granone-NY)(Reese)(Beal)(Pecenka)(Stephenson)(Bryan)(Orr)

4880 0438

SABC: Afrikaans ads, organ mx, Uo from 4875? (422 Beal)(Bryan)

5980 2245

RSA: EE "Panorama" & "Mailbag", 2318* (443 Crable-ID)(322 Orr-CO)(233 Thompson-NM)

7270 *0430

RSA: EE ID, tlcs (322 1/25 Novello-NY) + 8 other SPEEDXers

9585 2230

RSA: EE w/nx, comment, P.O. Box 4559 (444 Orr-CO) +6

9710 0615

SABC: EE ID, Datsun ad into mx (221 2/4 Getzel-NY)

11800 2116

RSA: EE "Mailbag" pgm (333 1/23 Zink-CA) + 7

11900 *2230

RSA: EE nx (444 1/22 Bigelow-DE) + 19 others

21535 1305

RSA: EE "Mailbag" w/mx (443 Earhart-PA)(Dennis-IN)(Bryan-CA)

SWAZILAND

3223 0405

TWR: EE OM anncr, mx, ads (322 1/17 Bryan-CA) also 3240 khz

3275 0333

TWR: U/lang tlcs,hymns,prayers (322 1/17 Orr-CO)

9590 0530

TWR: EE religious pgm (343 1/28 Klontz-CA)(232 McIntosh-FA)

11955 1903

TWR: FF rel. mx & tlcs (544 Garner-CNT)(Fowler)(Yajko)(Seymour)

TANZANIA

4785 2225

Radio Tanzania: Swahili tlc, EE ID, Afro mx, w/tlc (444 2/4 Donly-SC)(222 Orr-CO)(332 Baumgartner-CNT)

15345 1800

R. Tanzania: EE OM nx, IDs (232 Brigham-II)(Baker-II)(Bixby-DE)(Breeden-MS)

TOGO

5047 2155

Radiodiffusion du Togo: FF mx, nx (222 Cabos-W. GERMANY)(433 Bryan)(Fischer-PA)(Cliver-DE)(Getzel-NY)(Maghakian-NY)(Yajko-PA)(Miklejewski-DE)(222 Beal-WA)(333 Schipilliti-MA)

TUNISIA

7275 2231

Radiodiffusion Television Tunisienne: AA mx, ID (433 1/10 Orr-CO)

15225 1430

RTVT: AA chanting mx (422 Zalmer-PI)(322 1/14 Getzel-NY)

UGANDA

9730 2030

Uganda Broadcasting Corporation: EE mx, mx (544 Garner-CNT)(342 1/23 Bryan-CA)

UPPER VOLTA

4816 2206

Radiodiffusion Television Voltaique: FF w/Afro mx, lengthy CM tlcs (342 1/24 Miller-OR)(252 Sparks-CA)(222 Baumgartner-CNT)

ZAIRE

4750 0410

Radio Lubumbashi: FF CM tlc, Afro mx (342 1/11 Bryan-CA)

15245 2023

La Voix du Zaire: FF tlcs (433 Lutkowski-SC)(343 Fischer-PA)(333 Getzel-NY)(444 Beal-WA)

15350 2000

LV du Zaire: Radio Play in FF (333 2/4 Baker-II)(+ 9 reporters)

ZAMBIA

4910.5 0410

Radio Zambia: U/lang w/afro mx, OM tlc, into EE ID & nx (354 1/17 Sparks-CA)

4918.2 1709

R. Zambia: Afro mx U/lang OM tlcs (443 1/14 Junqua-JAPAN)

I planned to use part of a letter that Bob Butterfield received from the Nigerian Broadcasting Corporation clarifying the confusion caused by the change from 4990 to 4900 and back again.

I would like to thank the 78 reporters this month and especially welcome Bob Alberts, Richard Bigelow, Mark Burnett, Robert Donly, Charles George, David Lubitsch, Michael Maghakian, Pete McLaughlin and Gregg Raymond.

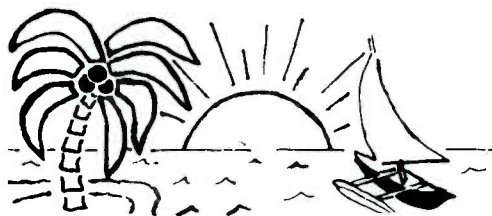
Last month I mentioned a good time for the Africans is around local sunset - that applies to ECNA... to be sure of the best time for your location order the SPEEDX Sunset/Sunrise booklet from HQ.

Until Next Month,

Rf

ASIA-OCEANIA

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



DEADLINE: 15th of the month

ASIA

AFGHANISTAN

3386* 0137 322 CA RA: IS, ID, Urdu ancmts, mx, // 4000 (Young 1/15),
@ 1527 in Urdu, mx, nx, pips, ex 3390 (Junqua JPN)
4000+ *0130 --- MAN RA: carrier, then into Qur'an, no ancmts (Hood/Roberts)
15195 1130 323 FRG RA: EE nx, mx (Cabos 1/30) FRG=Federal Rep. of Germany

BHUTAN

7040* *1230 --- JPN R. NYAB: EE s/on, Dzongkha pgrm, EE 1321, 1330* (Junqua 1/19)

BRUNEI

4865 1140 322 WA R. Brunei: Oriental mx, u/lang ancmt (Beal 2/6)
7215 1330 222 CA RB: EE nx, then mx, RM QRM @ 1400 (Brookwell 1/11)

BURMA

4725 1050 423 AK BBS: Burmese tlk by YL/OM, mx (Tilbury 1/6) @ 1438 Bryan CA)
5985 1600* 322 CA BBS: EE w/ lite mx (Bixby 1/15) (Beal WA) now on 5979

CHINA

2340 1448 --2 CA Fuzhou 1: CC tlk by YL (Cleveland 1/13) (Bryan CA)
2350 1505 --2 CA Jinan: CC w/ YL/OM in play? (Cleveland 1/20)
2430 1513 242 CA PLA 2: Amoy tlk, mx, (Bryan 1/16)
2460 1522 242 CA Beijing? w/ CC mx, tlk (Bryan 1/16) (Cleveland CA)
2475 1500 --2 CA Hangzhou: pips, OM CC tlk (Cleveland 1/21)
2490 1504 --1 CA PLA 1: CC w/ tlk, // 3000, 3535 (Cleveland 1/21)
2600 1304 243 CA PLA 2: Amoy tlk by OM/YL (Naylor 1/13) (Bryan CA)
3000 1215 222 WA PLA 1: CC w/ songs, // 3200, 3400 (Beal 2/9)
3220 1555 333 CA Beijing 1: CC w/ classical mx (Bryan 1/16) (Cleveland CA)
3290 1445 --3 CA Beijing 2: orchestral mx, CC ancmts (Cleveland 2/10)
3310 1417 333 CA Changchun: CC w/ YL/OM conversation Bryan 1/23)
3450 1442 --3 CA Beijing 1: CC vocals w/ choral group (Cleveland 1/27)
3640 1457 333 CA PLA 1: CC mx, ID?, tlk (Naylor 1/21)
3920 1450 --3 CA Beijing 1: orch. & vocal mx (Cleveland 1/18)
3969 1442 --2 CA Huhehaote: CC w/ orch. mx, below AROs (Cleveland 1/20)
4035 1331 333v JPN Lasa: Tibetan w/ nice local mx, harps (Junqua 1/14)
4045 1225 333 WA PLA 1: mixed chorus, YL tlk (Beal 2/9)
4068 1453 333 CA Huhehaote: Mongolian w/ local mx, tlk (Bryan 1/23)
4200 1508 --1 CA R. Peking: CC w/ OM tlk, below CW (Cleveland 1/17)
4330 1501 --2 CA PLA 1: YL tlk in CC, CW QRM (Cleveland 1/24)
4525 1314 322 CA Xilinhaote: CC tlk by YL/OM (Bryan 1/28)
4620 1454* 333 CA Beijing w/ Korean svce, tlk, // 7280 (Brookwell 1/15)
4840 0952 222 CA PLA 2: Amoy tlk by YL (Zink 2/6)
4905 1237 242 OH Beijing 1: CC w/ group mx, martial mx, tlk (Miller 2/3)
4915 1501 444 CA Nanning: CC tlk by YL (Bryan 1/17)
4925 1334 333 CA Ha'erbin: CC tlk by 2 OMs, mx (Bryan 1/28)
4980 1338 232 CA Wuhan: CC tlk by OM, mx (Bryan 1/28)
4990 1440 332 CA Changsha: CC tlk by OM (Bryan 1/18)
5020 1523 333 CA Nanchang: YL w/ CC vocals, tlk (Bryan 1/23)
5090 1605 444 OKI RP: Urdu (BBCMS) w/ tlk by YL/OM (Hardester 1/29) ter)
5145 1320 222 CA RP: Russian tlk, mx, 1355*, 1400 Mong. (Brookwell) (Hardester)
5295 1335 222 CA RP: Thai w/ tlk, band mx (Brookwell 1/9)
5525 1339 111 CA unid CC, too weak to ID (Brookwell 1/9)
5880 1415 222 WA Beijing 1: CC? w/ YL singing (Beal 2/12)
6290 1202 222 TN RP: EE w/ cntry, CW QRM (Smith ???) (Yajko PA)
6555 1708 233 BC RP: EE w/ Proletariat tlk, on USB (Newell 1/8)
6560 2015 353 AK RP: EE cntry by YL (Tilbury 1/15)

CHINA (continued)

6665	0728	222	CA	RP: CC w/ YL singing (Zink 1/16)
6750	1238	353	PA	RP: CC w/ group singing, anmots (Earhart 2/2)
6955	1200	544	JFN	RP: Japanese nx, tlk (Araki)(SS @ 0258 Bethge MO)
7025	0849	222	CA	PLA 2: Mandarin svce (Brookwell 1/13)
7095	1155	343	PA	Beijing 1: CC tlk, mx (Yajko 1/17)
7315	1328	333	CA	RP: Laotian w/ mx, tlk, RM IS under (Brookwell 1/15)
7335	1258	222	CA	RP: Viet tlk (Brookwell 1/29)
7385	1428*	222	CA	Wulumqi: CC tlk, "Internationale" (Brookwell 1/21)
7470	1552	444	CA	RP: EE tlk, YL ID (Bryan 1/23)
7480	1353	433	JFN	RP: Japanese nx, tlk, etc. (Makishima 2/7)
7504	1350	242	ME	Beijing 1: CC w/ march mx, pips, tlk (Rogers)(Newell BC)
7590	1313	312	CA	RP: Chaozhou to SEA, w/ tlk (Brookwell 1/11)
7620	2045	353	OKI	RP: OM in EE w/ political cmtry (Hardester 1/7)
7770	1320	312	CA	Beijing 2: CC tlk by OM (Brookwell 1/11)
7935	1330	333	CA	Beijing 1: CC w/ tlk (Brookwell 1/11)
8565	1412	333	CA	Beijing w/ Kazakh tlk by YL, // 6645 (Brookwell 1/29)
9030	0100	233	NM	RP: EE nx, cmtry (Granone)
9380	1602	333	BC	RP: Russian tlk, mx (Dutkowski 1/23)
9390	1000	544	CA	RP: Spanish to LA, IS, ID, nx (Miller 1/24)
9460	1215	322	FL	RP: EE tlk, ID, cmtry (Carrier 2/10)(Dutkowski BC)
9470	2200	444	NY	RP: Russian w/ IS, ID, nx (Getzel 2/3)(Dutkowski BC)
9685	1730	333	BC	RP: EE w/ mx, tlk (Dutkowski 1/30)
9855	2000*	333	BC	RP: Italian w/ political cmtry (Dutkowski 1/17)
9940	0046	443	NY	RP: EE w/ mx (Maghakian 2/6)(Benson VA)(Cohen NJ)(Gaffin NY)(Beal WA)(@ 0210 Crable ID)(@ 0405 Grenier CA).....
9945	1305	242	ME	RP: Viet (BBCMS) w/ tlk (Rogers 1/18)(@ 2250 Yajko PA)
11600a	0240	333	ONT	RP: French? tlk, march mx, ID (Stone 2/1)
11650	0131	343	IN	RP: Spanish w/ ID, political tlk (Dennis 2/10)
11675	0020	343	CT	RP: EE tlk on agri./politics (Fischer 2/2)(Bryan)(Yajko)
11695	1427	222	NY	RP: Cambodian (BBCMS) tlk by YL (Getzel 1/25)
11945	*0000	312	KS	RP: EE mx, cmtry (Reese 1/16)(Gheno PA)(Fischer CT)(Dennis IN)(Famularo NJ)(Smith FL)(Somers CA)(Yajko PA)
12015	0100	332	WI	RP: EE nx, cmtry, // 11945, 12055 (Zilmer 2/4)
12120	0335	333	CA	Beijing 1: tlk in CC (Grenier 1/18)
15030	0133	242	BC	Beijing 2: CC play w/ opera mx (Newell 1/29)
15045	0137	343	CA	RP: Spanish w/ tlk, ID, CC mx, 0156* (Naylor 1/27)
15165	0400	444	JFN	RP: Czech w/ news, folk mx, cmtry (Araki)
15710	0128	252	BC	Beijing 1: CC chorus, // 15599, 15590, 15550 (Newell)
15790	0004*	353	TN	V. of Malay Rev. w/ Tamil s/off (Hauser 1/27)(Birby CA)
15835	0032	333	BC	RP? w/ long CC tlk (Dutkowski 1/29)

CYPRUS

6180	0400	333	NC	BBC Limassol: EE nx, BBC Sackville splatter (Seymour	1/31)
9540	1720	333	NJ	BBC Limassol: EE w/ African svce, 1745* (Cohen 1/30)	

DODECANESE ISLANDS

6015	2130	343	NC	VOA Rhodes: EE pgrm, 2200* w/ Yankee Doodle (Seymour	1/29)
7110	0530	322	FL	VOA Rhodes: IS, OM tlk, pop mx, 0600* (Crews 1/6)	

INDIA

3315	1530	242	CA	AIR Bhopal: EE news relay (Sparks ???)	
4820	1520	253	CA	AIR Calcutta: sub cont. singing, 1530 pips ID (Sparks)	
9525	2100	433	NY	AIR Aligarh: EE nx, cmtry, Indian mx (Blumenfeld 2/8)(Donly SC)(Joseph MO)(Tilbury AK)(Rogers ME).....	
9575	1717	423	BC	AIR Aligarh: Hindi w/ ID, mx (Dutkowski 1/22)	
9912	2142	443	MA	AIR Delhi: mx, IDs by YL (Soannell)(@ 1745 Beal WA)	
11740	2220	333	PA	AIR Delhi: EE w/ programme notes (Yajko 1/23)	
11770	1330	323	FL	AIR Delhi: EE anmots, cmtry, Indian mx (Carrier 1/26)	
11810	1330	333	ME	AIR Aligarh: EE nx, ID (Rogers 1/17)(Brooks CT)(Yajko)	
11815	0114	343	CA	AIR: EE nx, sked, ID, s/off (Bryan 1/10)	
15190	1040	354	AK	AIR Aligarh: EE econ. review, sitar mx (Tilbury 2/2)	

Kashmir

3277	0136	322	CA	R. Srinagar: Urdu w/ Indian mx, anmots (Young 1/15)	
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INDONESIA

2450	1450	--1	CA	RRI Jakarta (t): local instr. mx, vocals (Cleveland	1/21)
2460	1454	--1	CA	RKPDJ Sumedang: local mx, anmots, partial ID (Cleveland)	
2490	1453	--1	CA	RRI Ujung Padang: Indo w/ vocal mx, // 4719 (Cleveland)	
2888v	1455	--1	CA	Purbalingga? Indo tlk, local mx, 1500 nx (Cleveland 2/7)	

INDONESIA (continued)

3055	1451	--1	CA	RKPKD Sampang: chanting, flute mx, Indo nx (Cleveland 2/2)
3075	1500	--1	CA	RKPKD Blora (t): OM w/ Indo tlk, no ID (Cleveland 1/13)
3204	1454	--2	CA	RRI Bandung: Indo w/ local vocals (Cleveland 1/12)
3205	1525	344	CA	RRI Gorontalo: new hi pwrd xmtr swamps Bandung, Jakarta nx relay, ID, "Love Ambon," off (Sparks)(Cleveland CA),
3215	1029	333	JPN	RRI Ujung Pandang: Indo tlk, mx, 1033 ID (Junqua 2/2)
3223	1450	--2	CA	RRI Mataram: YL w/ Indo pops (Cleveland 1/12)
3232	1538	322	CA	RRI Bukittinggi: lite pop mx, // 4885 (Young 1/13)
3265	1457	--2	CA	RRI Bengkulu: US pops (Cleveland 2/9) qua 1/27)
3276*	1641	433	JPN	RRI Jakarta: Indo tlk, slo speed nx?, Kashmir het. (Jun-
3325	1150	252	IN	RRI Jember: Indo tlk by OM (Pecenka 1/30)
3345	0915	232	JPN	RRI Pontianak: Indo w/ pop mx, YL tlk (Wakisaka 1/17)
3355	1535	323	CA	RRI Sumenep: Indo songs, ID, "LA," 1558* (Sparks)
3374	1452	--2	CA	RRI Jember: Indo w/ chanting (Cleveland 1/14)
3382	1332	232	JPN	RRI Malang: Indo w/ YL tlk, Miri QRM (Wakisaka 1/16)
3385	1502	--2	CA	RRI Pangkalpinang: Indo chants, after Miri off (Cleve.)
3393v	1452	--2	CA	RRI Singaraja: RPK IS, 1500 ID, nx relay (Cleveland)
3395	1439	--2	CA	RRI Serui: Indo tlk by OM, local mx (Cleveland 2/4)
3414	1458	--2	CA	RRI Medan: pops, unsked 1500*, no ID (Cleveland 1/14)
3546v	1450	--2	CA	RKPKD Bangkalan: chanting, vocals, 1500 ID (Cleveland)
3550	1450	--1	CA	RRI Kupang: OM/YL w/ tlk (Cleveland 1/25) 1/27)
3850	1035	222	JPN	RRI Dili (t): gamelan mx, chants, not on 3120 (Junqua
3890v	1450	--1	CA	RPDK Sidoarjo: YL vocals, 1501 nx? (Cleveland 1/19)
3960	1509	--2	CA	RRI Padang: OM w/ Jakarta nx relay (Cleveland 1/19)
3975	1456	--1	CA	RRI Surabaya: local mx, ARO QRM (Cleveland 1/18)
4120	1458	--1	CA	RPDK Garut (t): local mx, CW QRM, no ID (Cleveland 2/1)
4375	1459	--1	CA	RPDK Soppeng: orch. mx, anmcts, 1500 ID (Cleveland 1/24)
4699	1434	322	CA	RKIP Surabaya: Indo mx, YL tlk (Bryan 1/17)(Cleveland)
4719	1258	333	OH	RRI Ujung Pandang: C&W mx, IS, nx (Miller 2/6)(Bryan CA)
4764v	1440	222	CA	RRI Medan: claa.s. mx, ID, steel guitar mx (Brookwell) (on 4767 w/ ID, appears to drift period. Hardester OKI).
4855	1206	242	OH	RRI Palembang: Indo w/ nx? by OM (Miller 1/30)
4885	1457	--2	CA	RRI Bukittinggi: chants, 1459 IS, IS (Cleveland 1/31)
4900	1455	--2	CA	RRI Gorontalo: local pops, YL vocals (Cleveland 2/1)
4955	1505	333	JPN	RRI Banda Aceh: Jakarta nx relay, ID (Wakisaka 1/16)
5047	1458	333	CA	RRI Yogyakarta: Indo pop mx w/ OM (Bryan 1/18)

IRAN

9022	*2000	444	NY	VOI: EE nx, cmtry (Maghakian 2/5)(Blumenfeld NY)(Gelfand NY)(Joseph MO)(Brooks CT)(Lordo SC)(Lentz PA)(Fischer).
11930	1430	444	ME	VOI: Farsi tlk, Persian mx, // 15084 (Rogers 1/23)
15084	1453	242	IN	VOI: Farsi w/ tlk, chants (Pecenka 2/3)(Bryan CA @ 2200)

IRAQ

9745	2030	555	FRG	RBI: German nx, mx (Cabos 1/25)(EE @ 1930 Novello NY) (Mclaughlin DE)(Maghakian NY)(Dennis IN)(Lordo SC) etc.
15225	1603	222	OR	RB: AA mx, YL tlk, under Tunisia, // 11785 (Bodell 1/19)

ISRAEL

5875	0405	???	IL	IBA: Hebrew nx, OM annor (Lubitsch 1/26)
5882*	*0400	443	NY	IBA: Hebrew nx, classical mx (Novello 1/25)(Rudolph AL)
5900	0504	433	CA	IBA: EE nx by YL (Alberts 2/4)(Granone NM)(Brookwell CA)(Reese KS)(Fischer CT)(@ *2230 Maghakian NY).....
7412	2230	444	MA	IBA: EE w/ nx of Israel & the world (Davidonis 1/21) (Smith FL)(Rudolph AL)(Garner ONT)(Woltman WI)(Rafe NY)
7462v	0549	222	CA	IBA: Hebrew relay of 2nd pgm to NA (Brookwell 1/12)
9425	2010	343	CT	IBA: EE interview, 2030 French (Fischer 2/5)(Dutkowski)
9009	2010	222	NY	IBA: EE nx, // 9435 (Gelfand 1/17)
9435	2300*	544	IL	IBA: EE w/ DX pgm (Brigham 1/23)(Alberts CA)(Lentz PA) (Rudolph AL)(Bryan CA)(// 5900, 7412, 9815 Yajko PA)...
9495	2228	332	WI	IBA: EE nx, // 5900, 7412, etc. (Zilmer 2/5)
9815	2228	544	ONT	IBA: EE "Calling All Listeners" (Garner)(Beal)(Fischer)
11625	2205	222	BC	IBA: French w/ singing, // 11675 (Dutkowski 1/24)
11655	1230	343	PA	IBA: EE w/ ads, then into French (Yajko 1/20)
15100	1200	444	NY	IBA: EE nx, Jewish mx (Getzel 1/14)(Smith FL)
15485	1217	333	PA	IBA: EE tlk on Jewish culture, mx, temp. (Earhart 1/28)

RADIO JAPAN

1660h	1300	252	JPN	JOBB Osaka: JJ w/ wx, 2 x 830 (Wakisaka daily)
3910	1445	--2	CA	Far East Network: EE pop mx (Cleveland 1/18)
3925	1500	433	CA	Nihon Short-Wave Broadc. w/ JJ tlk (Cleveland)(Bryan)



Prepared by Dxoug Snyder

Have you tried the all new "Cycle 21?" I apologize if that sounds like a lead-in to a commercial for a new soap or dog food, but like Mary Hartman, Mary Hartman, I'm trapped by American consumerism and all its manifestations. But Cycle 21 is indeed what we will all be consuming for the next eleven years or so. Yes friends, a new solar cycle is upon us, and according to the Zurich Observatory, it has been with us since July of 1976. What all this means of course, is that the sunspot count of cycle 20 has bottomed out and we are again on the upward swing toward whatever maximum cycle 21 has in store for us, sometime around 1982. What is the significance of a steadily increasing sunspot count, you may ask? Well, from the very nature of sunspots, which are intense areas of extreme magnetic activity, the radiation and atomic particles which are dispersed from the sun are much more intense than when the sun is quiet. Some of this high intensity solar 'waste' reaches the earth's ionosphere and the intensity of it determines how dense the ionosphere will be and this in turn determines how well the ionosphere will support high frequency communication. During the periods of low solar activity, such as the present, the ionosphere is rather weak and therefore will not support, regularly, communications on the higher frequency bands (17, 21 and 25 MHz bands). However, if we have a rather high maximum in 1981 or 1982, you can expect to find those bands just humming with broadcasters. And, with any luck, you will see the CBER's going crazy (28 MHz will propagate somewhat like what 6 MHz does now during the night) and the Ham's having a field day on their 10 and 6 meter bands. Unfortunately, there is no way to know how high the sunspot count will get until we get there and start back down. I have read conflicting reports from four very prominent researchers who have made the following predictions for cycle 21: It will be low (50). It will be medium (80). It will be high (170). Actually, two teams predicted a high SS count, but they arrived at their predictions through different theories. So take your pick, but just stay tuned until about 1982 and regardless of what the maximum is, its bound to be better than 1976.

If February of 1977 is an indication of things to come during cycle 21, bring it on! As of this writing, on the 21st, the average Solar Flux is 85, the highest it has been since August of 1975. During all of 1976, the Solar Flux climbed over 90 only once and already during this February, it has been 90 or above four times. By the way, a Solar Flux reading of 72 corresponds to a sunspot count of 10 and a S.F. reading of 90 corresponds to a SS count of 34. Of course this is not saying that we will go continually upwards; there will be periods of low activity along with the periods of moderate activity; it should be several years before we start seeing the higher SS counts. But at least its a beginning. And, just to throw my hat in the ring, I will make my long term prediction that the new cycle will indeed be high, with SS counts going over 200 at maximum. This will yield Solar Flux readings of about 250, and Maximum Useable Frequencies (MUF's) will be around 50MHz!

Bringing myself back to Spring, 1977, here's what's in store for March, April and May: the Solar Flux should peak during the second week of March and again in early April and May; I'm looking for a rather large peak in March, and if it does occur, I feel it will happen later than the second week; in any event, the recurrent geomagnetic storms that disrupt communications taking place on the higher latitudes will occur the first couple of days of March, and again the last week of March; there will also be a disruption around the middle of the month which could be quite widespread due to the fact that the Earth is passing through the orbital plane of the Sun, or I should say the equatorial plane of the Sun during the middle portion of March (the Vernal Equinox) and any disturbances that occur on the Sun during this period are most likely to have very disruptive effects on the ionosphere and the geomagnetic field. Remember, WWV broadcasts both Solar and geomagnetic data at 18 minutes past the hour and this is updated at 0118 GMT daily. You too can tune in and watch my 'predictions' hit or miss.

HOW TO INTERPRET AND USE THE CHARTS:

The charts on the following two pages are based upon data furnished by the Institute for Telecommunication Sciences, an agency of the U.S. Department of Commerce. This supplement may be removed from your SPEEDX bulletin and placed near your receiver for ready reference; the next supplement will appear in the June issue of SPEEDX.

One page is for listeners on the west coast (Pacific & Mountain Time) and the other page is for listeners on the east coast (Eastern & Central Time). The pages are marked 'WCNA' for west and 'ECNA' for east. Each chart represents the useable frequencies between a particular area of the world and either the western or eastern portions of the U.S.

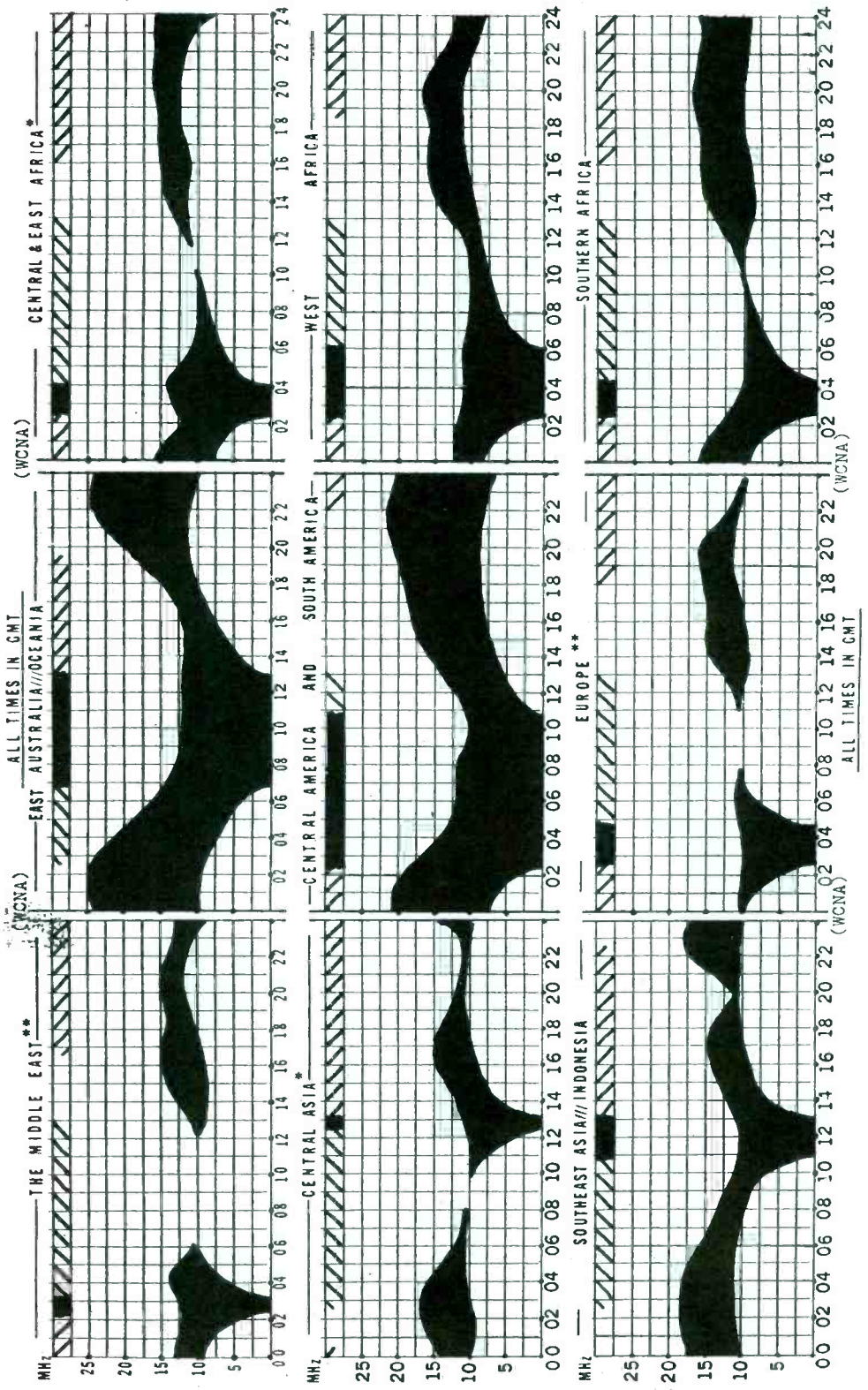
The charts show an envelope of expected reception, both by time (GMT) and Frequency (MHz). This envelope is shown by the curving blacked-in areas. Along the left-side vertical axis is shown the frequency, in MegaHertz; along the bottom of each chart is shown the GMT. The charts are based on propagation conditions and not broadcast schedules. The upper limit of the curving envelope indicates the estimated Maximum Useable Frequency (MUF) for that particular transmission path, and this MUF will be valid for at least 50 percent of the time covered by this forecast; that is, the highest frequency propagated will be at least as high as shown by the upper limit of the curve for 50 percent of the time. As solar conditions improve, (steadily higher Solar Flux), the MUF's will increase and you will notice longer openings on the higher bands. However, during this low period of solar activity, any great and/or sudden increase in the S.F. might also indicate greater flare activity on the Sun, therefore most likely causing moderate to severe ionospheric and geomagnetic storms here on Earth, which in turn could lead to Polar Cap Absorption events and increased D-layer absorption on daylight paths. These events also increase (to a higher frequency) the Lowest Useable Frequency (LUF) which is indicated by the lower limit of the blacked-in envelope. The LUF has many variables, the main being absorption, which in itself is quite variable, so this lower limit of the envelope is just a rough estimate. There are some places in time where the envelope ceases to be (refer to WCNA chart for the Middle East) this occurs because in my estimation, from the hours of 0600 GMT to 1200 GMT, the LUF is higher than the MUF and therefore reception on any frequency is not likely. Let's take a look at some of the other uses of the chart (WCNA-Middle East); this will also hold true for any of the other charts. Along the very top of the chart, where the diagonal lines are drawn, this is the average daylight-darkness pattern between and at the two points of the transmission path. Where the squares are blacked in, this means that there is darkness at both the receiver and the transmitter and in-between. During this time period, reception should be possible down to the lowest SW frequencies (if the station broadcasts on the lower freq's, of course); where the diagonal lines are sloping up to the right, this is the time period where the receiver is in darkness, but the transmitter is in daylight; where the diagonal lines are sloping down to the right, the transmitter is in darkness and the receiver is in daylight. Where there are no diagonal lines or blacked-in areas, this means that both are in daylight. So use this top line as a 'clock'.

Still referring to the WCNA-Middle East chart, look again at the frequency envelope; say it is 1600 GMT and you want to find out on what frequencies you can listen for the Middle East; by going across the time axis to '16', then up until you reach the lower part of the envelope, you will find that this point intersects the MegaHertz axis (on the left) at about 9 MHz; the upper limit of the envelope (at 1600 GMT) intersects the 15 MHz line, therefore, at 1600, you should, on an average day, and if they are broadcasting, hear something from the Middle East between the frequencies of 9 and 15 MHz (or 31,25 and possibly 19 meter bands).

Well, I see that I am getting into the lower extremities of the page, so I will curtail my 'uses' section; however, if anyone wants a clearer explanation or has any question on propagation, I will be more than happy to try and answer your questions. Just write it on a 9¢ postcard and send it to me; my address is 3130 Woodmont Drive, San Jose, California, 95118.

Next to the areas named on the charts, you will notice some of them marked with one or two astericks ('+' is used to represent the central U.S.); these indicate what areas in which the signal travels through the Auroral Zone in route to the receiver. The A.Z. is an area that surrounds the Geomagnetic North Pole and which affects signals passing through it; one asterick or + sign indicates that the signal passes through the zone for 40% or less of the total path length; two astericks or ++ signs indicate more than 40% of the path length is through the A.Z.; the further a signal travels thru the A.Z., the more it is deteriorated, depending upon the amount of geomagnetic activity.

So that's it for this time; sure hope you find these charts useful and I wish you lots of good dx. 73's

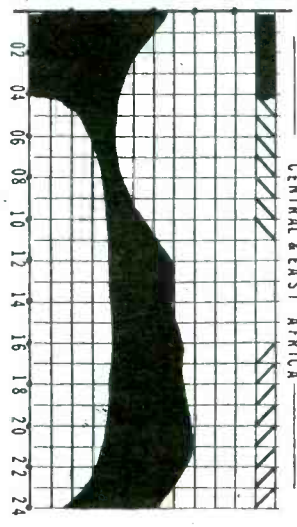
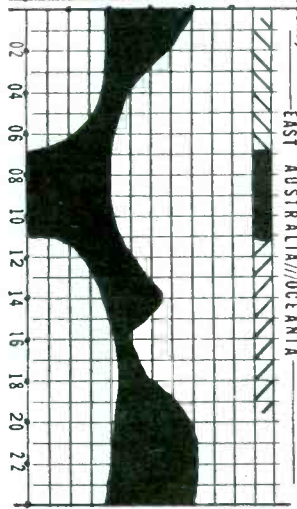
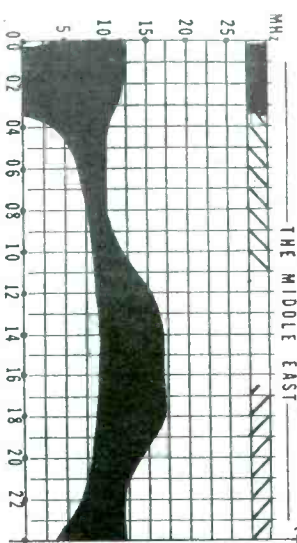


THE MIDDLE EAST* (ECNA)

ALL TIMES IN GMT EAST AUSTRALIA//OCEANIA

(ECNA)

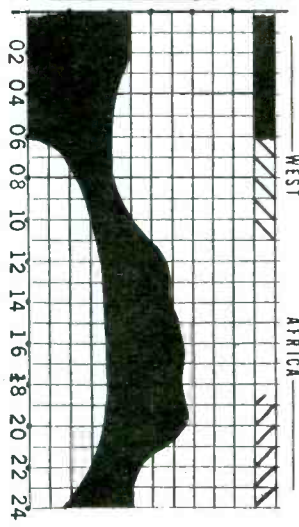
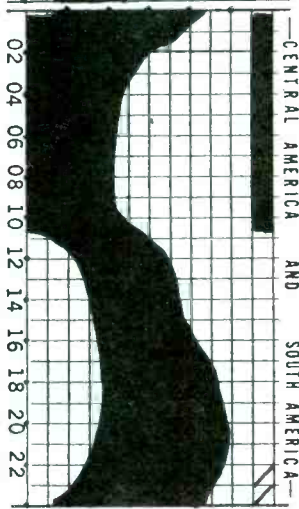
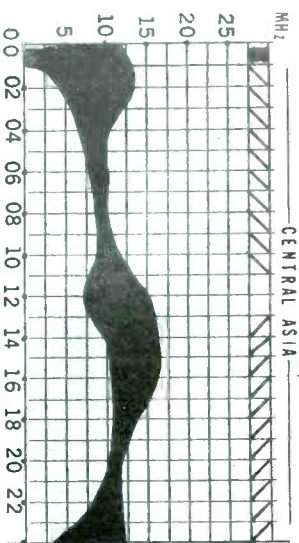
CENTRAL & EAST AFRICA



CENTRAL ASIA*

CENTRAL AMERICA AND SOUTH AMERICA

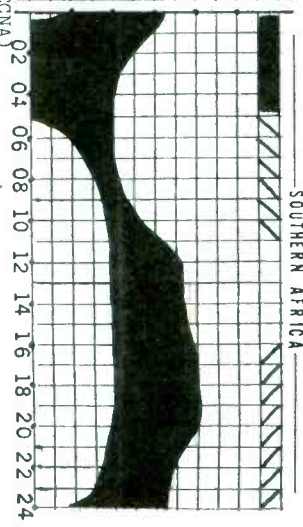
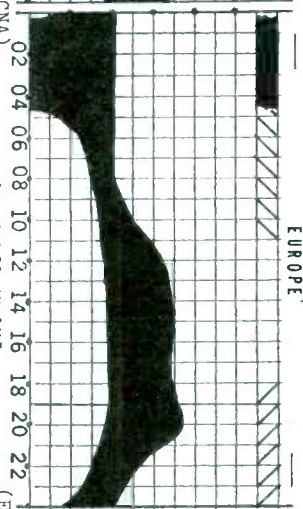
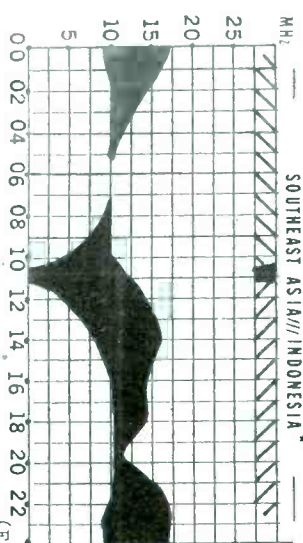
WEST AFRICA



SOUTHEAST ASIA//INDONESIA*

EUROPE*

SOUTHERN AFRICA



(ECNA)

(ECNA)

ALL TIMES IN GMT

JAPAN (continued)

5960 1020 322 WA RJ: SS w/ ID "R. Nacional en Tokyo" (Beal 2/14) CA
5990 0800 342 KS RJ: EE prgm, JJ @ 0815 (Reese 1/15)(Pecenka IN)(Arnold
6155 0830 433 CA PEN: EE IDs, MOR mx (Alberts 1/29)(Tilbury)(Bixby CA)
7140 1330 222 CA RJ: Chinese tlk by OM (Brookwell 1/14)
9505 0405 333 CA RJ: EE nx, cmtry (Grenier 1/24)(@ 0705 Miller CA)
9560 1630 343 OKI RJ: AA pgrm w/ ID (Hardester 1/29+)(CC @1300 Pecenka)nf?
9585 1700 422 CA RJ: EE w/ "Current Topics," // 5990 (Grenier)(Pecenka)
9595 0245 533 BC NSB: JJ pgrm (Newell 1/15)(Bryan)(EE @ 1550 Miller CA)
9605 1845 242 WI RJ: EE w/ "Tokyo Report" to Europe (Zilmer 2/6)
9670 1625 423 BC RJ: JJ w/ play (Dutkowski 1/23)
11800 0041 343 DE RJ: EE nx, freqs, anthem (McLaughlin 2/8)(Maghakian NY)
(Fischer CT)(Rafe NY)(Garner ONT)(Yajko PA)(Bryan CA)..
11840 0130 433 BC RJ: EE tlk, mx, ID, nx (Dutkowski 1/24)
11960 0700 344 PRG RJ: German w/ nx, cmtry, "DX-Corner" (Cabos 1/29)
11875 2330 323 IL RJ: Chinese pgrm, anthem, JJ/EE ID (Baker 1/30)(Yajko)
15105 2200 343 NY RJ: EE nx, 2215 JJ (Maghakian 2/1)(@ 1900 Granone NM)
(@ 0300 Benjamin CA)(@ 0100 Crable ID)(Fischer CT).....
15195 0100 322 ONT RJ: JJ w/ EE ID (Stone 1/28)(@ 2208 Rogers ME)(StuartMA)
15420 0144 232 CA RJ: EE nx of Japan, economy (Bryan 1/17)
17825 0130 333 CA RJ: EE w/ "Hello America" (Miller 1/22)(Beal WA)

JORDAN

9560 1653 332 CT HKBS: EE pop mx, TCs, ID, nx (Brooks 1/18+)(Beal WA)

DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA

2850 1205 322 WA KCBS: Korean tlk by YL (Beal 2/14)(Cleveland CA)
3015 1330 222 WA R. P'yongyang: Korean children's chorus (Beal 2/12)
3032 1547 343 CA Wonsan: Korean nx by OM (Bryan 1/16)(Cleveland CA)(Beal)
3560 1505 --3 CA RP: KK w/ tlk by YL (Cleveland 1/14)
6290 0743 222 CA KCBS: martial mx, excited KK tlk, TC (Brookwell 2/2)
6540 1024 444 CA RP: KK tlk by OM (Brookwell 1/10)
6600 2230 342 WI KCBS: KK tlk, mx, // 11350 (Zilmer 2/6)
7580 1308 333 CA RP: EE w/ nx, political cmtry (Brookwell 1/11)
9768 2230 222 WA RP: KK tlk by OM/YL, 11535 (Beal 1/20)
9820 0704 344 CA RP: EE w/ nx, cmtry by YL (Alberts 1/29)
9895 1740 333 WA RP: u/lang tlk (Beal 2/14)
9977 1800 322 NM RP: EE ID, nx (Granone 1/15)(PF @ 2051 Newell BC)
11535 2300 332 WI RP: EE w/ freqs, nx, cmtry (Zilmer 1/17)(Famularo)(Zink)
11780 0300 544 JPN RP: Japanese tlk (Araki)

Korean Broadcasting System

REPUBLIC OF KOREA

2510 1132 322 WA R. Korea: KK w/ march mx, tlk (Beal 1/29)(Bryan CA)
7150 0559 444 JPN RK: Japanese w/ OM tlk (Araki)
7550 1555 444 CA RK: EE w/ OM ID, IS (Bryan 1/23)
9580 *1000 454 AK RK: EE nx, // 9525 (433) (Tilbury 2/2)
9600 1800 454 NM RK: EE cmtry, mx of Korea (Granone)
9675 0614 433 CA RK: EE tlk on economic trends (Somers 1/19)(Dutkowski)
9720 1815 444 CA RK: EE w/ YL cmtry (Alberts 1/27)(Stephenson CA)
11810a*1300 433 JPN RK: French w/ ID, tlk (Araki 2/8)

KUWAIT

9555 1800 433 NY RK: EE nx, pop mx, tlk (Blumenfeld 2/7)(Granone NM)
9581 1844 434 DE RK: pop mx, IDs (McLaughlin 1/23)(Dennis IN)(Gaffin NY)(Rafe NY)(Cohen NJ)(Yajko PA)(Zilmer WI).....

LAOS

8170 1334 212 CA Luang Prabang? w/ Lao mx, tlk, TC (Brookwell 1/29)

MALAYSIA

4845 1453 443 CA R. Malaysia Kuala Lumpur: Indian mx (Bryan 1/17)
5965 1110 322 WA RM KL: Bahasa Malaysia tlk, mideast mx (Beal 2/8)
9505 0010 444 CA BBC Tebrau: EE w/ "Radio Newsreel" (Grenier 2/6) unlist
9665 1530 332 OKI RM KL: EE w/ pips, nx, mx, tlk (Hardester 1/27)
9725 1100 545 JPN BBC Tebrau: JJ tlk by OM (Araki)
11750 *0855 544 JPN BBC Tebrau: EE IS, ID, nx (Makishima 1/16)
11900 0630 353 NM V. of Malaysia: EE s/on, nx (Granone)
15435 2350 353 SC BBC Tebrau: EE in WS, 0030* (Donly 2/5)(Beal WA)

MONGOLIA


4080 1322 222 JPN Ulan Bator Radio: Mong tlk, western mx, // 4762, 5053
7260 1445 222 CA UBR: CC relay RM, P&P, // 7295 (Chita) (Brookwell 1/23)

BBC WORLD SERVICE

(Junqua 1/14)

NEPAL
3425 0035 --3 MAN RN: Nepali w/ subcont mx, 0100 flute, tlk (Hood/Roberts 1/22)(@ 1215 Baumgartner)(Miller OH)(@ 1450 EE Cleveland CA) 1/27)

PAKISTAN
3915 0144 322 CA AKR via Rawalpindi: Urdu, Indian mx, ARO QRM (Young
6210 2145* 242 ME RP Karachi: EE w/ mx, ID, anth (Rogers)(Schipelliti MA)
9460 1633 233 DE RP Karachi: EE dictation nx, ID (McLaughlin 1/23)
15115 1030 252 AK RP Islamabad: Urdu w/ mx, 1100 EE nx, // 17665 (Tilbury)

PHILIPPINES
5995 1930 343 AK APRTS Poro: EE "Armed Forces Digest," nx (Tilbury 1/15)
6105nf 1300 333 WA VOA Tinang: EE nx, down from 6110 (Beal 2/8)
6160 1430 333 CA VOA Poro: Chinese w/ nx by OM (Brookwell 1/22)
7155 0932 444 CA VOA Tinang: RR w/ "Informe Amerikanski" (Brookwell)
9545 2350 555 CA VOA Poro: EE w/ popular mx, nx (Somers 2/6)(Dutkowski)
9645 1226 444 JPN R. Veritas: JJ w/ IS, ID, tlk, mx (Ishizaki 1/16)
9675 0115 433 JPN RV: JJ w/ pop mx, tlk, IS (Sakura Sakura) (Araki)
9715 1855* 545 BC FEBC: JJ? w/ mx, s/off w/ IS (Dutkowski 1/25)
11885 2335 444 CA FEBC: EE nx of Philippines (Somers 2/6)
11920 1000 444 JPN FEBC: JJ w/ tlk, mailbag (Araki) 
11930 2320 233 PA VOA Tinang: ID, CC tlk US pop mx (Yajko 1/23)
15440 0000 252 SC FEBC: Mandarin tlk, EE ID (Donly 2/6)(Zink CA)(Yajko PA)
17810 0011 343 CA FEBC: EE w/ religious pgm (Bryan 1/17)

RYUKYU ISLANDS
7165 1132 222 MS VOA Okinawa: EE cntry (Breedon)(Rogers ME)(Pecenka IN)

SABAH
4970 1540 222 WA Radio Malaysia Sabah-Kota Kinabalu
RMS: BM w/ pop & classical mx (Beal 2/4)(Bryan CA)

SARAWAK
Radio Malaysia Sarawak
3385 1454 --2 CA RMS Miri: BM w/ local mx, YL anncr (Cleveland 1/14)
4834 1211 343 AK RMS Kuching: BM tlk, ID (Tilbury 2/2)(@ 1450 Bryan CA)
4895 1425 433 CA RMS Kuching: Iban w/ US mx, YL annor (Bryan 1/18)
4950 1445 444 CA RMS Kuching: EE w/ rock mx (Alberts)(Tilbury/Beal WA)
5005 1205 232 AK RMS Miri: Kenyan w/ chants (Tilbury 2/2)(@ 1445 Bryan)
5030 1345 443 CA RMS Kuching: EE w/ pop mx (Miller 1/17)(@ 1156 Tilbury)

S'AUDI ARABIA
9720 2155 423 NY BSKSA: chanting, // 9730 (Getzel 2/3) Qur'an? reb
9730 2130 222 WA BSKSA: AA mx, tlk (Beal 1/22)(Dutkowski BC)
11855 2002 343 SC BSKSA: EE nx, "PLO Review," pop mx (Donly 1/19)(Yajko)

SINGAPORE
5010 1530 333 CA R. Singapore: EE w/ TPs, ID, nx (Bryan 1/23) bury)
5052 1400 343 OKI RS: EE/?? nx, sprts, wx, mx, // 5010 (Hardester)(Til-

SRI LANKA
4870 1625 333 CA SLBC: Sinhala w/ subcont singing, ads, TC, ID (Sparks)
5020 1703 333 JPN SLBC: Tamil w/ subcont mx, 1730 pips, ID, 1733* (Jun-
9720 0032 222 CO SLBC: EE w/ lite mx, IDs (Orr 1/14) / qua)
11745 1710 141 IN VOA Colombo: special inaugural boat (Pecenka 1/20)
11800 1622 242 DE SLBC: Hindi tlk, subcont mx (McLaughlin 1/16)(Granone)
15120 1130 252 AK SLBC: EE w/ relig. pgm, 1130* (Tilbury 2/2)
15425 1330 222 NY SLBC: EE relig. pgm, USSR QRM (Getzel 1/14)

SYRIA
9300nf 2035 422 NJ R. Damascus: EE nx, features, IDs, QRM (Cohen 1/23)

TAIWAN
3230 1558 322 CA BCC: CC conversation between OM/YL (Bryan 1/16)
7130 1403 433 JPN VOFC: Japanese nx, tlk, etc. (Makishima 2/7)
9685 1715 444 CA VOFC: EE w/ Music of Taiwan (Grenier 1/15)
11825 0000 222 CT VOFC: CC w/ IS, choral anthem, ID, tlk (Brooks 1/13)
15345 0112 434 CA VOFC: EE nx, lang lesson, IDs (Miller 1/12)(Granone NM)
15425 *0100 323 KY VOFC: EE nx, mx (Peters 2/2)(Donly SC)(Alberts CA)
17800 2305 333 WA VOFC: CC mx pgm, // 15270 (Beal 2/8)
17890 0024 443 CA VOFC: CC conversation by 2 YLs (Bryan 1/17)

TURKEY
9515 &*2200 434 NY VOT: EE pgm (Blumenfeld)(Gheno)(Joseph)(Lentz)(Beal)
11880 (Dennis)(Maghakian)(Rogers)(Brooks)(@ 1613 Scannell)..

UNION OF SOVIET SOCIALIST REPUBLICS (Asiatic and unknown sites)

2192 1130 232 JPN unid RR w/ Mayak ID, harmonic? (Wakisaka 1/23)
 3995 1620 322 CA Nikolaeusk: RR w/ classical mx (Bryan 1/16)(Cleveland)
 4040 1305 444 CA Vladivostok: Mayak w/ classical mx (Bryan 1/28)
 4485 0628 433 CA Petropavlovsk Kamohatskiy: RR pop mx, ID (Bixby 1/28)
 4940 0707 323 NY Yakutsk: OM/YL nx in RR (Getzel 1/29)
 5915 1315 232 CA Irkutsk? w/ Mayak pgrm, ID, 1330 new ID (Naylor 1/27)
 6075 0940 222 CA unid RR w/ "Govorit Moskva" ID, 6 pips (Brookwell 1/30)
 6175 1210 232 VA R. Moscow via Krasnoyarsk: JJ pgrm, // 7340 (Legge)
 6190 0919 333 CA Khabarovsk: RR tlk, // 6080, 6035 (Brookwell 1/30)
 7125 1200 232 VA RM via Kenga: JJ pgrm (Legge 2/3)(Makishima JPN)
 7135 1200 232 VA RM via Komsomolsk: Chinese pgrm (Legge 1/28)
 7170 0130 232 VA RM via Novosibirsk: CC pgrm, also @ 2130 (Legge 2/3)
 7215 0030 544 NY R. Kiev via ?: EE ID, nx, DX pgrm (Blumenfeld 2/8)
 7270a *1400 333 JPN RM via ?: CC pgrm w/ tlk (Makishima 2/2)
 7315 1330 111 CA RM via Chita: IS heard thru CC station (Brookwell)
 7385 *1430 222 CA unid RR, soft chimes, P&P IS, Asian lang tlk (Brookwell)
 7420 1349 222 CA Irkutsk w/ Mayak pgrm (Brookwell 1/15)
 9540 0340 433 WA Magadan: RR classical pgrm, OM anmt (Beal 2/8)
 9600 0035 232 VA RM via Okhotsk (new site): MIA pgrm, // 9620 (Vladivostok), 9645 (Khabarovsk), 9725/9810 (Nikolaevsk)(Legge)
 9785 1351 444 CA RM via Vladivostok?: ID, tlk in u/lang (Naylor 1/16)
 11860 0204 343 CA RM via Yuzhno Sakhalinsk: EE tlk on Rhodesia (Bryan)
 15100 0125 444 BC R. Vilnius via PK: EE YL w/ accent (Newell 1/23)
 15180 2245 554 CA RM via PK: EE w/ "Thinking Out Loud" (Miller 1/16)

ARMENIAN S.S.R.

11890 1400 232 VA RM via Yerevan: Lao pgrm, 1430*, 1s Ashkhabad in March (Legge 2/2)
 15110 1340 433 WA Yerevan? w/ RR, mixing w/ Finland (Beal 2/14)

AZERBAIJAN S.S.R.

4785 2105 222 ONT R. Baku: classical/opera mx, TPs, ID (Baumgartner 1/21)
 CA

KAZAKH S.S.R.

5030 0135 422 BC RM via Alma Ata: CC pgrm (Newell 1/23)(RR @ 1505 Bryan)
 5260 0133 232 CA R. Alma Ata: "Govorit AA" ID (Bixby 1/21)(Newell BC)
 11950 1250 333 VA R. Alma Ata: RR w/ local ID, into Kazakh (Legge 2/3)

KIRGHIZ S.S.R.

4010 0131 322 CA R. Frunze: RR w/ orchestral mx, not // 4050 (Young 1/27)
 (Newell BC)

TADZHIK S.S.R.

4635 0100 --- MAN R. Dushanbe: RR tlk by OM/YL, vocals (Wayslik 1/22)

UZBEK S.S.R.

4850 0201 333 CA Tashkent: IS, RR tlk by OM/YL (Bryan 1/21)
 6025 *1200 433 NJ RT: EE nx, mailbag (Cohen 1/22)(Miller OH)
 9540 1210 232 PA RT: EE tlk, cmtry, 1215 ID (Fischer 2/2)
 9550 1200 333 VA RM via Tashkent: Bengali tlk, mx (Legge 2/3)
 9600 1210 232 NJ RT: EE w/ economic tlk (Famularo 2/7)(@ 1401 Garner ONT)

VIETNAM

3998 1404 222 CA Hanoi 1: People's Army pgrm, martial mx (Brookwell 1/15)
 7373 1354 222 CA Hanoi 1: Viet tlk, chorus, TC, ID, IS (Brookwell 1/14)
 7417 1415 232 WA Hanoi 2: Viet w/ orchestral/western mx (Beal 2/13)
 9620 1621 423 BC R. Ho Chi Minh City: Viet w/ flute mx (Dutkowski 1/23)
 10040 1329 243 MS VOV: PF mx, ID, // 7470 (Breedon)(EE @ 1028 McLaughlin)

PEOPLE'S DEMOCRATIC REPUBLIC YEMEN

7190 0400 323 AK Aden: AA mx, ID (Tilbury)(Bixby CA)(@ 1951 Yajko PA)
 11770 2024 333 OH DYBS Aden: chants, AA tlk (Miller 1/28)

YEMEN ARAB REPUBLIC

4853 0405 232 ME R. Sana': AA w/ tlk, mx (Rogers 1/19)(@ 1515 Beal WA)
 9780 2105 333 NC RS: AA mx, tlk (Seymour 2/5)(Yajko PA)(Dutkowski BC)

OCEANIAAUSTRALIA

C=Canarvon L=Lyndhurst S=Shepparton
 4920 0808 232 NY ABC Brisbane: EE nx (Getzel 1/16)(Pecenka)(Tilbury AK)
 5995 1355 323 PA RA (L): EE nx, ID, mx, 1440 "DXers Calling" (Gheno)
 (Scannell)(Seymour)(Rogers)(Famularo)(Pecenka)(Yajko)..
 6005 1301 333 NY RA (C): EE nx, mx (Rafe 1/27)(@ 1715 Bryan CA)
 6035 2200 322 NC RA (C): EE w/ IS, ID, nx, VOA QRM (Seymour 1/24)
 6045 1309 333 OH RA (C): EE nx, ID (Miller 2/6)(@ 0908 Brookwell CA)
 6140 1038 333 IN ABC Perth: EE w/ race results, oldies mx (Pecenka 1/26)

AUSTRALIA (continued)

7240 1130 343 IN RA (C): EE w/ "Australian nx in brief" (Pecenka 1/30)
 9515 0830* 444 WI RA (S): EE w/ "Churches of Australia" (Talbot 2/13)
 (Brigham IL)(Worman WI)(Reese KS)(Orr CO)(Smith FL) etc.
 9540 2030 323 IL RA (S): EE w/ IS, freqs (Baker 1/28)(Stephenson CA)
 9560 1523 433 BC RA (C): Cantonese w/ EE songs (Dutkowski 1/23)
 9570 0709 333 NY RA (S): EE nx, mx (Getzel 1/16)(Fischer CT)(Makishima)
 9575 1500 354 ME RA (S): EE w/ nx, IDs (Rogers 2/7)(Zilmer WI)(Yajko PA)
 9580 1230 433 MA RA (S): EE w/ world nx (Davidonis 1/20)(Willis PA)
 (Carrier FL)(Garner ONT)(Woltman WI)(Rudolph AL)(Arnold)
 9610 1504 333 NY ABC Perth: nx, sprts, mx (Novello 1/19)(Lentz PA)(Rafe
 NY)(Carrier FL)(Reese KS)(Pecenka IN)(Miller CA)(Yajko)
 9680 1136 333 PA ABC Melbourne: EE political cmtry (Yajko 1/26)
 11705 1200 433 WI RA (S): EE nx, // 9540, 9580 (Zilmer)(@ 2255 Yajko PA)
 11725 2210 233 NY RA (S): IS, pop mx (Getzel 1/24)(Makishima)(Bryan CA)
 11740 0835 343 FL RA (S): EE nx, pop mx (Smith 1/31)(Resse KS)
 11790 0730 333 IL RA (S): EE to PNG (Baker 1/30)
 11810 1751 323 BC RA (S): EE w/ sprts (Dutkowski 1/30) sked s/on is 1800
 11825 1227 444 CT RA (S): CC w/ pop mx, tlk, IDs (Brooks 1/13)
 11845 0600 243 PA RA (S): EE nx (Earhart 1/16)
 11935 0615 353 NJ RA (C): EE (unlisted) (Cohen)(Viet @ 2230 Yajko PA)
 15140 2315 333 BC RA (S): EE nx (Dutkowski 1/24)
 15160 0615 323 CA RA (L): EE w/ pop mx (Grenier 2/6)(Bryan CA)
 15240 0726 333 MA RA (L): EE w/ mx, sprts (Schipelliti 1/29)(Smith FL)
 15320 0205 242 KS RA (S): EE nx, mx, 0140 "Mailbag" (Reese 1/15)(Granone
 NM)(Stone ONT)(Benjamin CA)(Smith FL)(Bryan CA).....
 15425 0015 343 SC ABC Perth: EE pop mx, cmtry, nx (Donly 1/28)(Naylor CA)
 17795 *0057 353 NY RA (S): EE w/ freqs, nx, cmtry (Gaffin 2/2)(Reese KS)

GPO Box 428G, Melbourne, 3001, Australia

COOK ISLANDS

5045 0710 322 CA R. Cook Islands: relay of RNZ, then 0730 relay RA, 0800
 nx, // 5995 (Young 2/3)(Granone)(Junqua)(Bixby)(Bodell)

NEW CALEDONIA

3355 0945 333 JPN R. Noumea: French w/ tlk by 2 OMs (Wakisaka 1/16)
 7170 1102 333 DE RN: FF w/ freqs, "Le Marseillaise," 1105* (McLaughlin)
 (Tilbury)(Donly)(Getzel)(Crabbe)(Grenier)(Bixby).....

NEW HEBRIDES

3945 0830 444 AK New Hebrides Broadcasting Service, Vila
 NHBS: Pidgin w/ pop mx, OM annmets (Tilbury 1/9)

NEW ZEALAND

11705 0455 333 CA RNZ: EE nx, wx (Benjamin 1/24)(Smith FL)
 11780 0859 444 PA RNZ: EE w/ ID, wx, nx by OM (Lentz 1/15)(Reese)(Orr)
 15130 0238 343 CA RNZ: EE w/ sprts, ID (Naylor 1/23)(Bryan CA)

PAPUA NEW GUINEA

3220 1231 232 OH R. Morobe: Pidgin w/ group vocals (Miller 1/30)
 3305 1104 232 JPN R. West. District: Pidgin w/ local mx, ID (Wakisaka)
 3335 0925 333 JPN R. East Sepik: Pidgin w/ TC, mx, ID (Wakisaka 1/16)
 3360 0835 232 OR R. Milne Bay: Pidgin w/ church svce (Bodell 2/6)
 3385 1245 333 WA R. East New Britain: Pidgin w/ ancmets, pop mx (Beal)
 3905 1220 232 AK R. Manus: pop mx, Pidgin ancmets (Tilbury)(Wakisaka JPN)
 4890 1400* 343 SC NBC: EE w/ pop mx, stocks, ID, etc. (Donly 2/3)(Crabbe
 (Seymour)(Tilbury)(Rogers)(Garner)(Pecenka)(Grenier)...
 9520 0723 323 MS NBC: EE "NBC Radio" ID (Breedon 1/20)(Granone NM)

SOCIETY ISLANDS

11825 & *1558 233 MS R. Tahiti: anthem, ID, FF/TT mx (Breedon 1/31)(Newell)
 15170 (McLaughlin)(Brooks)(Crabbe)(Somers)(Stephenson)(Bryan)

SOLOMON ISLANDS

5020 0711 232 CA SIIBS: EE w/ Elton John mx (Bixby 2/4)

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

BOUGAINVILLE-A QSL "rom R. Bougainville states the station is now R. North
 Solomon Islands, address: Radio North Solomon Islands, P.O. Box 35, Kieta,
 North Solomon Islands Province, Papua New Guinea...thnx to Brian Baumgartner
PHILIPPINES-Gib Junqua says that the correct ID for 3286v is "DPI Radio One,"
 DPI standing for Dept. of Public Info., in // w/ 6170 (10 Kw), and 9615 (0.25
 Kw). The "Overseas Svce" is 0900-1300 in EE.....thnx Gib.....
 Running short of space again, so not much room for DX news. We'll have a full
 page of DATELINE next month. Thnx to 85 reporters, and welcome to all the new
 ones. We'll be at the SCADS meeting in Buena Park March 26. Hope to meet many
 34 Southern California DXers there.....Until then, many 73s, ~~80~~

WORLD SERVICE STATION SKEDS

EMISSIONS

PROGRAMMI

Editor:

TRASMISSIONI

BULLETIN DE PROGRAMMES

LARRY TALBOT
N84 W15119 Knoll Terrace
Menomonee Falls, WI 53051

PROGRAMS

ENGLISH SERVICE

SERVIZIO

PROGRAMME SCHEDULE

Deadline: 15th

COMUNICATI NEL CORSO

Response to the VOA skeds offer was tremendous, especially after the sample in last months section. My apologies for some delays in getting them to you the supply was considerably less than the demand. The supply is exhausted again so for the last few who sent requests, I will hold your SASEs in the hope that Jon & Greg will do it again for the latest sked which becomes effective Mar. 6th. I noticed something strange in the requests for the skeds. Quite a few were from persons whose names I have not seen in the pages of SPEEDX. Good to hear from you & I hope these skeds yield some good loggings for you. Then you can share your catches with all thru SPEEDX.

R. Nederland sked involves transmissions from 3 radio countries. Rather than separate them I will list the EE pgms here with transmitter indicated. Eff 3/6 to 5/1
0630-0750 (D) NZ, B9630
0800-0920 (D) Au/NZ, B9715
0930-1050 (D) Eur, L9895, L9660, L7240,
L5995, L6045.

1400-1520 (D) SEA/FE L17810, L15185,
M11740, L9895.

1400-1520 (D) Eur, L5955, L6045.
1640-1650 (+) EE/DD, NA, B17775, B15190.
1830-1950 (D) AF, L17700, L11730, M6020.
1830-1950 (D) Eur, L6020.
2000-2120 (D) Af/wEur, M11730.
2130-2250 (W) ECNA, L11730, L9715.
2300-0010 (D) SS/EE, Carib., B800 (oops, mw)
0200-0320 (D) ECNA, B6165.
0500-0620 (D) WCNA, B9715, B6165.

D=Daily, W=Weekdays, +=M-F.
L=Lopik, Holland. M=Madagascar.
B=Bonaire, Neth. Antilles. - Wilson.
Please be sure to report to correct section when logging stations using multiple transmitting sites.
RN also using 9895 for tests. no details.

Here is RCI, CANADA engineering dept. sked effective Mar. 6. EE
0100-0130, 9535, 250kw
0200-0230, 9535, 250kw
6000, 50kw
0300-0328, 9655, 50kw
9535, 250kw
6000, 50kw
5960, 250kw
0400-0430, 9655, 50kw
5960, 250kw

CBC/NS:
0000-0607, 9625, 6195, 250kw
*1128-1400, 9625, 6065, 250kw
1400-0000, 9625, 11720, 250kw
Larry Nebron.
The 6065 will probably change to 6195 (see Spain). lt.

HCJB ECUADOR Eur. svc.now uses 11790 & 9510. David Peters. Greg Watts, Joe Jechenthal.

EGYPT, R. Cairo, EE to Afr @ 2030-2200 now 11790 ex 17725. BBC MS

Roger Legge reports the 2nd DW ANTIGUA xmtr began operation 2/1. Mar/Apr sked all GG 2200-0150, SA, 9680. 0200-0550 to NA, 0600-0950 to CA/OC & 1000-1130 to CA on 6085. The 1000 xmsn is in SS. 1200-1220 to CA, 1300-1320 & 1330-1350 to NA are on 11810.

ARGENTINA, RAE, skeds EE to Eur 2300-2355 M-F on 11710. BBC MS.

This R. Sofia BULGARIA sked grabbed off air by David Jones, changes from last mo. 1930-2000, UK, 6070, 9700. 2130-2200, UK, 9700. 0000-0100, NA, 9700. 0430-0500, NA, 7100.

Thats the way we like em Dave. As I recd no printed skeds from RS this mo, we would have gone another mo with wrong info without this off air catch. lt. 0000 may have moved to 9705. check both.

R. FINLAND, eff 3/6 to 5/1 EE 1430-1500, Eur, 6120. 0930-1000, Eur/Af, 15270, Sa/Su 1330-1400, NA, 15110. 1430-1500, NA, 15110. 2330-2400, NA, 11755. Ken Earhart, Ronald Sann.

GERMANY, (WEST), GG to ECNA add 9680(Antigua) to //3995, 6145, 9700, 9735, 11795, 15410, @ 2200-0150. 1300-1320 & 1330-1350 also GG to NA add 11810 (Antigua to //9605, 11865, 15245, 17800. @0200-0550 they add 6085 to //3995, 6145, 9735. However 6085 was an existing freq. Perhaps use same freq Sackville & Antigua. DW is another bdctr using several xmtr sites. Watch for Germany, Rwanda, Antigua, Malta, Canada. Alan Brooks.

GERMANY, EAST, RBI, EE bdcsts
 1830, Eur, 6080, 6115, 7185, 7300, 9730.
 0445, Afr, 11875, 11700.
 1315, Afr, 17755.
 1800, Afr, 15145, 15170, 15255.
 2000, Afr, 6140, 9510.
 0645, SEA, 17700, 17740.
 1200, SEA, 15115, 17880, 21540.
 1400, SEA, 17880, 21540.
 1530, SEA, 17880.
 0100 & 0230, ECNA, 9730.
 0330, WCNA, 5955, 6080, 9730. Watts.

Tentative sked for TWR GUAM, sked for completion Mar/Apr is 1100-1300 to China 11705 & 1300-1400 to SEA on 9510. Roger Legge.

R. Budapest, HUNGARY, sked to NA Tu-Su 0200-0230, 15220, 11910, 9833, 9585, 7215, 6000.

0300-0330, same freq, daily.
 0400-0415, same freq, W & Sa.
 To Au/NZ/Japan, 1030-1100 daily on 21525, 17715, 15160, 11910, 9585, 7155.
 To Eur 1200-1240, M-F, 17785, 15160, 11910 9585, 7155, 6150. 2130-2200 daily on 15415 11910, 9655, 7200, 7150, 5965. DX pgm Tu & F 1515-1530 on 15160, 11910, 9585 7215, 7200, 6110.
 To Asia 1430-1500 M-F on 21525, 17785 15160, 11910, 9585, 7200. Bill Arnold.

R. JAPAN, NHK, resuming summer freq Mar 6, for the EE to NA @ 2345 going to 15270 & 11800 ex 9525 & 11300. Bob Zilmer.

R. ELWA broadcasts from LIBERIA w/this EE to Afr: Sa/Su 0630-2300 & Daily 0630-0800 1555-2800 on 4770, 10kw.
 Sa/Su 0625-0815 & 1340-1700 on 11950 & DAILY 1800-2050 on 11945, 50kw. Caution, EE mixed w/19 Afr lang & no indication of EE times. EE is listed first for whatever thats worth. David Peters.

Jim Meehan indicates that FEBA, SEYCHELLES has changed freq to 9700 & Jim has heard them on that freq several times.

SPAIN, RTVE (RNE) after much jumping around has finally solved it's 0100 freq problem. Thanks to efforts of ANARC/FRC they will stay on 6065 as Canada will leave that freq & move to 6195. I indicated in the Canada sked that there might be a change, but upon looking closer I see that they already indicate the change in their 0000 time. The only other place they use 6065 is @ 1128 & that probably is not changed. Thanks to Spain, Canada & FRC for cooperation in solving that freq. problem.

SEYCHELLES, FEBA, has EE every Tu 1730-1800 on 9510 according to Alex Gheno. If you think this country has appeared twice you are still sane. hi. It's me who's flipped. I changed Meehans report above from Philippines to Seychelles. Philippines broadcaster is FEBC not FEBA. lt.

R. International Red Cross broadcasting from SWITZERLAND has this 1977 sked.

SWITZERLAND (cont.)
 Freq: 7210. Times: 0600-0700, 1130-1230, 1700-1800, 2200-2300
 Days of transmissions:

	Mon	Wed	Fri
Jan	24th	26th	28th
Mar	21st	23rd	25th
May	23rd	25th	27th
July	25th	27th	29th
Sept	26th	28th	30th
Nov	21st	23rd	25th

On Mon, 60min EE. On Wed 30min FF/30min GG. On Fri 30min SS/30min AA. Reception reports required for verie w/QLS card (Eur countries must incl rp.) International Committee of the Red Cross, 17 Avenue de la Paix CH-1211, Geneva, Switzerland. Tnx to Ralf Cabos of W. Germany

UNITED STATES, WYFR, to Apr 30

5985	0200-0500	SS	CA, Carib.
6155	0100-0500	EE	Mexico
9525	0100-0500	SS	Mexico
9555	0200-0500	SS	CA, Carib.
9690	2100-2300	SS	Eur/NAfr.
9715	0200-0500	SS	CA, Carib.
*11705	1300-1600	SS	CA, Carib.
11715	2300-0200	SS	SA, Carib.
11780	2000-2300	EE	Eur/NAfr.
11815	2100-2300	SS	Eur/NAfr.
11855	2300-0200	SS	SA/CA/Carib
11945	2000-2100	RR	Eur/NAfr.
*15110	1230-1600	EE	Eur/NAfr.
15130	2100-2300	SS	SA/Carib.
"	2300-0000	RR	"
"	0000-0100	GG	"
15160	1605-2000	EE	N & E Eur.
"	2000-2100	RR	"
*15215	1300-1600	SS	CA, Carib.
"	2300-0200	SS	"
15440	1605-1800	EE	Eur/NAfr.
"	1800-2000	GG	"
"	2000-2100	EE	"
*17730	1300-1600	SS	SA, Carib.
*17845	1230-1400	EE	Eur/NAfr.
"	1605-1700	EE	WAfr.
"	1700-1730	AA	"
"	1730-1800	FF	"
"	1800-2100	EE	"
"	2100-2300	SS	SA, Carib.
17865	1605-1700	GG	NAfr.
"	1700-1730	AA	"
"	1730-1800	FF	"
"	1800-2000	GG	"
17875	1400-2000	EE	"

*=Weekends only. Greg Watts.

R. Ulan-Bator MONGOLIA has EE every day except Su eve/M morn 1220-1250 on 6383 & 5960 & 0115-0145 on 7260 & 9575. Mike Hardester & Mark Bixby.

VATICAN R. issued this sked EE
 1100 Eur 6190, 7250, 9645
 11740, 15120, 17840.
 1445 Eur 6190, 7250, 9645,
 11740
 2030 Eur 6190, 7250, 9645

VATICAN (cont)

0100 NA 5995, 6015, 9605. on 2/13 I personally monitored RV @ 0100 & they were on 6010. This & 5995 were only freq annnc @ that time. lt. Ken Earhart.

R. Beograd YUGOSLAVIA has EE @ 1530-1600 on 11735, 15240, 9620. Also 1830-1900, 2000-2030, 2200-2215 on 6100, 7200, 9620. Greg Watts.

The following items appear out of order because I goofed and had them on the wrong pile for sorting. My apologies to the contributors.

Previous CANADA sked was for US beams. Following from Bob Yajko good to Apr 30. To W/Eur: 1145-1225, 11720, 9560, Also FF. 1400-1500 (Su only) 6195. 1630-1700, 17820, 15325. Also FF. 1830-1900, 11855, 9685. 1930-2000, 11855, 9685. 2200-2255, 9445, 5925. Also FF. To Carib. 0100-0130, 11940. To Latin Amer: 0100-0130, 9535. 0200-0230, 9535. 0300-0330, 9535, 6045. 0400-0430, 6045. To Africa: 1400-1415, 17740, 15325. 1800-1830, 17820, 15325. 1900-1930, 17820, 15325, 11830, 9625.

To E. Europe: 1530-1600, 11935, 9555. To S. Pac: 2000-2030, 17820, 15325, 15290.

PHILIPPINES, R. Veritas has EE svc. 0100-0200 on 11875 & 15280. 1400-1500 on 9550, 9645, 11780, 15230. Direct.

SBC, SWITZERLAND, EE sked good to Apr 30. 0145-0215 NA 5965, 6135, 9725, 11715. 0430-0500 WCNA 6045, 9725. 0700-0730 FE/Austral. 9560, 11775, 11950 15305. 0900-0930 same same 1100-1130 Afr 15140, 15430, 17830, 21520 1315-1345 SEAsia, FE 9735, 11745, 11870 15430. 1315-1345 NA 15140. 1530-1600 ME/Afr 9590, 11870, 15430. 2100-2130 Afr 9535, 9590, 11720, 11870. Wesley Rogers.

SBC certainly has the power. Folder encl. with sked indicates they have 5 bdcst. sites, most important @ Schwarzenburg which has 3 250kw & 3 100kw xmtrs. Sottens has a 500kw w/rotating antenna. Beromunster has 1 250kw & 1 100kw xmtr & 2 more 205kw xmtrs are @ Lenk. One more 250kw is at Sarnen.

SOUTH AFRICA, RSA, EE good to April 30. 0256-0426 E/Afr 9585, 7270, 5980. 0611-0705 W/Afr 17780, 15220, 11900. 1056-1158 C/E/Afr 21535, 15220, 11900. 1300-1550 C/E/Afr 21535 to 1456 M-F.

SOUTH AFRICA (cont)

1300-1550 C/E/Afr 15220 to 1456 same 11900 to 1450 M-F. 1556-1650 E/Afr, ME 21535, 11900 7270. 2056-2150 W/Afr-Eur 11900, 11800 9585, 7270 2226-2320 NA 11900, 11800, 5980 4875 0956-1045 SANA E 15125, 11970. Ed Tilbury.

From Roger Legge's USSR High Freq. Newsletter comes these tidbits. R. Moscow EE to Afr 0345-0400 7105, 7190, 9500, 9745 11895, 12010. 0445-0500 7105, 9500, 9665, 9715 9745, 11710, 11755, 11880, 11895 12010, 15110 1330-0400 21490, 17855, 17765 15170, 11800 1500-1530 17765, 15470, 15205 12055, 11880, 11745, 11690, 9735 7320, 7155, 7130 1630-1700 15490, 12055, 11920, 11880, 9620 1830-1900 9735, 9695, 9630, 9620 9590 9575 9560 9500 7120 5915 2000-2030 9705 9695 9675 9630 9620 9575 9560 9500 9490 7120 2130-2200 9810 9800 9760 9745 9720 9650 9575 9520 9490 9480 7400 7295 7185 7120 5915 2230-2315 9810 9760 9575 7400 6085

Underlined audible E & C NA. Best reception of Afr svc in NA is on 17765 Tula @ 1330 & 1500 17855 Simferopol @ 1330 (QRM fm VOA RR) 12055 Armavir @ 1500 & 1630 & 7120 Lvov @ 2000 & 2130.

R. Kiev bdcsts to Eur in EE @ 1930-2000 on 5920 6020 & 7360.

Additional Freq: EE TO SEAAia 1000 on 9745 & 11880. 1100 on 17730, & 1600 on 5980.

If you wish to subscribe to Roger's Newsletter its 3 bucks for 12 issues. Write Box 232, McLean, VA, 22101, U.S.A.

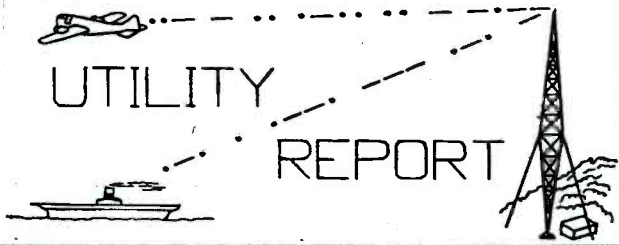
Additional credits which should have been inserted earlier go to Richard Wood, David Jones, Bob Donley, Robert Wirrell, Dan Carrier, Robert Batson. Thanks.

A little space left so I will once again make my plea to use only one side of the paper when writing out skeds for more than 1 station as I cut them up for sorting. Reminder to check skeds against actual loggings in various sections & you have a pretty good idea of whats still current. Good DX, Larry.

Editor:

KEN COMPTON
7 Mount Vernon Street
Brighton, MA 02135

Deadline: 15th



The new Utility Report masthead you are admiring above is a product of the artistic genius and fertile imagination of SPEEDX's "DX Montage" Columnist and graphic arts virtuoso, Alan Brooks. Beautiful, Al, masterful!

Hirokazu Koizumi, one of our most faithful Japanese reporters, noted the number of unidentified Japanese ute stations in SPEEDX & other DX publications and expended a great deal of time and energy in compiling 14 pp. of handwritten information about them (and says there is more to come!). It is beautifully done and will prove, I know, to be the definitive work on Japanese utility stations. Because of space limitations we will present it in sections here over the following months. It has been given to Bob Butterfield for inclusion in the new SPEEDX Utility Guide.

One of the mysteries Hirokazu has cleared up is that of JFA which is listed by the ITU as, "Chuo Gyogyo". The Gyogyo Kyodo Kumiai (Cooperative Societies of Fishermen) operate about 50 SW stations for fishermen. Chuo Gyogyo means "Central Fishery" and JFA is the GKK's central station. Its main freqs are 6388, 8547.5, 12788, 17081.6 and 22524.

The list below shows that several unidentified Japanese stations of past Utility Reports have been either Defense Agency or Police stations.

JAPANESE CALL SIGN ASSIGNMENT

JAA-JAZ	KDD, Amateur	JKA-JKW, JKY	Broadcasters
JBA-JBE	KDD	JKX, JKZ	Longwave Calls
JCA-JCE	KDD	JLA-JLZ	Maritime Safety Agency
JDA-JDE	KDD	JMA-JMZ	Meteorological Stations
JFA-JFE	Fishery Industry	JNA-JNZ	Maritime Safety Agency
JGA-JGE	Public Agencies	JOA-JOZ	Broadcasters
JHA-JHE	Fishery, Amateur	JPA-JPZ	Police
JIA-JIZ	Ministry of Transportation	JRA-JRZ	National Rail, Amateur
JJA-JJZ	Defense Agency	JSA-JSZ	Private Enterprise

KDD:Kokosai Denshin Denwa Co., Ltd.

Kokosai Center, P.O. Box 1
3-2 Nishi-Shinjuku 2 chome
Shinjuku-ku, Tokyo JAPAN

(KKD includes coast stations,
standard frequency stations,
and other special stations.)

Future editions of the Ute Report will feature complete lists of GKK stations & Maritime Safety Agency stations. Hirokazu, I and all the other ute aficionados of SPEEDX tender you our gratitude for your valuable work on Japanese utility stations!

Mike Hardester, Utility Report's resident consultant on Okinawan ute stations, has forwarded to us the following new NAGASAKI RADIO TRANSMISSION SCHEDULE: JOS, JOR, JOU, JDB. It is effective as of January 19, 1977 and comes direct from Nagasaki Radio.

<u>JOS</u>	4328 khz open 0400-1500 3kw	<u>JOR</u>	6457.5 open 0000-0800 5kw
	6491.5 open 0000-1900 3kw		8523.4 open 2300-1500 10kw
	8437 open 24h 3kw		13008 open 2300-1900 15kw
	13069.5 open 24h 3kw		17093.6 open 0000-1300 15kw
	16933.2 open 2300-1000 3kw		22409 open 2300-1100 15kw
	22396 open 0000-1100	<u>JOU</u>	8463 open 0000-0800 10kw
<u>JDB</u>	13063 open 0000-1400 15kw		12673.5 open 0000-1300 15kw
	16877.5 open 0000-1200 15kw		16959.2 open 0000-1100 15kw
	TNX A MILLION, MIKE!		22440 open 0000-1100 15kw

Mike has also visited the main branch of KDD, Okinawa and written a feature article on KDD's operation there which we hope will be able to be published in SPEEDX soon.


UNIDs ID'd: HWN - French Navy, Paris. Address: Direction des Telecommunication de Reseau International Immeuble PTT Bercy 246 Rue de Bercy F75584 Paris, CEDEX 12 FRANCE. (Hardester-GA)

The ITU gives the QTH of 4NE as Sarajevo, Yugoslavia(Trochimczyk-DC)

VJE5 AOTC Lae, New Guinea (Trochimczyk) UDK2 coastal in Murmansk(Trochim.)
 KRH50: This one has been reported by various Utility Reporters as being
 the U.S. Embassy in (take your choice): (a) Bonn, FRG (b) London, England
 (c) Vienna, Austria. So the jury is still out on this one! (Although I
 find myself leaning toward London.)

(All frequencies in kilohertz) QSLs

ANTIGUA: NAN USN 2716. PFC returned in 16d for ms. (Chabak-CO)
CANADA: VAX Canadian CG Canso 2598. PFC 15d for ms. 1 kw. (Chabak-CO)
 VCN CG Magdalen Is. 2598. PFC 18d for ms. 1kw. VS:C.Y.Tumbull(Chabak)
 VON CG St. Johns Nf.2598. PFC in 11d for ms. 4.5kw (Chabak-CO)
 VAU CG Yarmouth NS 2598. PFC 14d for ms. 1kw. VS:G.F.Burt(Chabak-CO)
MARCUS IS.: NRV6 USCG Loran 5315.5. PFC 28d for ms. 500w. (Chabak-CO)
MARTINIQUE: FUF French Navy Fort de France 8553. No data FF ltr via Paris
 in 76d for 1 IRC. (Trochimczyk-DC) New policy for Fr. Naval stations?
MEXICO: PTT Mexico City XDD229 10565. F/d SS ltr im air for SS rpt & ms
 (Trochimczyk-DC)
NEW ZEALAND: Wellington Meteorological 7600 f/d ltr 8d!(Trochimczyk-DC)
REUNION IS.: FUX Fr. Navy 6348. No data FF ltr 76d for FF rpt(Trochimczyk)
TRINIDAD: Piarco Aeradio Port of Spain 6540 PFC 13d for IRC (Chabak-CC)
U.S.A.: NMN USCG Portsmouth VA. PFC 70d for ms. (Smith-FL)
SHIPS: NJPJ USS "Kinkaid" DD-965 2716 PFC&ship pc 10d for ms.80w.(Chabak)
 NZHN USS "Mount Baker" AE-34 2716 PFC 60d for ms. 300w. (Chabak-CO)
 USS "John Marshall" SSEN-611 2716 PFC 104d for ms. 100w. (Chabak-CO)
 NIID "Recovery" USN salvage ship 2142 PFC 8d for ms.75w.(Holbrook-MD)
 NZVE CGC "Alert" 2182/2670. Ltr & ship folder 7d for ms(Holbrook-MD)
 "Horizon" WF2306 lobster boat off VA 2670 PFC 44d for ms (Holbrook-MD)
 NZWD USS "Talbot" FFG-4 2716. PFC 21d for ms. 400w. (Chabak-CO)
 NYSV USS "Kalamazoo" AOR-6 2716. PFC 21d for ms. 25w. (Chabak-CC)
 USS "Trout" 2716. PFC 19d for ms. 100w. (Chabak-CO)
 NTGS USS "Spartanburg County" LST-1192 2716 PFC 9d for ms.40w.(Chabak)
 NMAP USS "Vreeland" FF-1068 2716 PFC 13d for ms. 25w. (Chabak-CO)
 CGNJ HMCS "Margaree" DDH-230 2716. PFC 53d for IRC. 350w. (Chabak-CC)
 NSTF CGC "Steadfast" 6521.8 PFC in 44d for ms. (Oliver-MH)
 SIJC "Albany" refrigerator ship 8368.4. Ltr 81d for IRC.(Holbrook-MD)
AIRCRAFT: Qantas Flight 3 5638. PFC in 7m for IRC. 100w. (Holbrook-MD)
OUT OF ORDER: (Sorry!)
ENGLAND: GKR Wick R. 12709 f/d ltr 162d for IRC 300w (Denissen-HOLLAND)
 GYA Whitehall Naval R. 4321.3 f/d ltr 106d for IRC. 15kw(Denissen-HCL)
RHODESIA: ZEG30 PTC Causeway 20850 f/d ltr 31d for IRC (Denissen-HCL)
SOMALIA: PTT Mogadiscio 13958 f/d ltr in 18d! for IRC, 10kw(Denissen-HCL)

 HELP, PLEASE! Member Mike Chabak is conducting historical research on
 "Spy" Number Station transmissions. He wishes to contact anyone who has
 shortwave club bulletins or other related literature published BEFORE
 1960. If you have any, please contact him for specifics: Mike Chabak
 3055&1/2 Arapahoe Boulder, CO 80302.

	All times GMT	LOGGINGS	All freqs in khz
ALASKA:	2514 0945	AK066 US Army Cold Bay CM Natl Wx Svc USB (Beal-WA)	
	2670 0900	NCJ USCG Kodiak OM EE wx AM (Beal-WA)	
	8989 0012	AKA Elmendorf AFB wkg acft USB(Beal-WA)0145(Cook-MN)	
CANADA:	2539.4 0315	CFW300 B.C. Tel. Vancouver YL ship tffc USB(Beal-WA)	
	2550a 0225	CG Yarmouth, NS OM EE wx AM (Stone-CNT)	
	2570a 0250	CG Halifax NS OM EE shipping info AM (Stone-CNT)	
	2598 0850	VON CG St. Johns Nfldd OM EE wx AM (Chabak-CC)	
	0823	VAX CANSO CG Eddy Point NS wx AM (Chabak-CC)	
	0916	VAU CG Yarmouth NS OM EE marine info SSB (Chabak-CO)	
	0920	VCN CG Grindstone, Magdalens marine wx SSB (Chabak)	
	2945 0450	Gander Aeradio Nfldd OM wkg MAC645 USB (Cook-MN)	
	4256 0220	CFH Navy Ellerhouse NS iceberg warnings USB (Cook)	
	4306 0059	CKN Vancouver Mil V mkr CW (Raiford-FL)	
	4431.8 0210	VCS CG Halifax NS OM EE marine wx USB (Cook-MN)	
	5652 0325	Gander VolMet OM EE terminal fctst AM (Pecenka-IN)	
	6753 0341	CHR Trenton ONT Mil OM EE wx USB 0345* (Pecenka-IN)	
	8668 1924	Gander VolMet OM EE terminal fctst AM (Pecenka-IN)	
	11233 1838	VBM Edmonton ALB Mil OM EE wkg "6007" USB (Cook-MN)	
	13272 1650	Gander VolMet OM EE aviation wx AM (Pecenka-IN)	
	15030 1442	CJX S. Johns Mil RCAF Nfldd OM EE wx AM (Compton-MA)	
GREENLAND:	13605a 2320	GTO Godthaab YL EE/Dan travel vm USB (Beal-WA)	

MEXICO: 7350 0058 Telecentral de Chihuahua YL SS vm SSB (Watts-IN)
 0401 XDD212 PTT Mexico City YL SS vm USB (Novello-NY)
 12778.5 2235 XFL Mazatlan de Sinaloa R. CQ mkr CW (Thompson-NM)
 U. S. A.:2182 0515 USCGAS Astoria OR OM EE wkg "Suntide" AM(Beal-WA)
 0521 NMK3 USCG LB Sta Atlantic City NJ tfc AM (Beal-WA)
 0640 USCG Cold Harbor VA YL EE marine wx AM (Beal-WA)
 0921 NMK USCG Cape May NJ OM EE Securité SSB (Hauser-TN)
 2500 0539 WWV Boulder CO still on this freq AM (Hauser-TN)
 2506 1110 KOE Pac NW Bell Eureka CA marine op tfc USB(Beal-WA)
 2522 2200 KOW Seattle WA marine op YL EE tfc USB (Beal-WA)
 2558 0230 WAQ AT&T Manahawkin NJ YL EE ice rpt AM (Stone-ONT)
 2566 0405 KOU Pac T&T marine op San Pedro CA tfc USB (Beal-WA)
 2670 0922 NMK USCG Cape May OM EE Securité SSB (Hauser-TN)
 0325 NMA USCG Perrine FL OM EE Notice to Mariners(Cook)
 3001 0240 WSY70 NY VolMet OM EE aviation wx AM (Stone-ONT)
 4090a 1235 WAZ So. Bell T&T Atlanta GA tfo marine op USB(Beal)
 4377.4 1210 WCM RCA Pittsburgh PA OM EE tfc USB (Beal-WA)
 4422.2 0150 WLC Central R/T Rogers City MI wx OM/EE USB(Beal-WA)
 4428 0243 WOM Ft Lauderdale ATT wkg "Viking Sky" USB(Raiford)
 4467.5 0214 KIG448 CAP TN OM EE wkg Blue Chip 79 USB (Cook-MN)
 0038 KKI721 CAP MS OM EE wkg Mockingbird 2 USB (Cook-MN)
 4507.5 0017 KAF361 CAP MO wkg Redbird 17 USB (Cook-MN)
 5603 0550 San Francisco Aeradio OM EE wkg Honolulu USB(Beal)
 5696 0928 NMQ USCG Long Beach CA search opn tfc USB (Beal-WA)
 5747.4 0315 VCA Greenville EE feeder to Tangier LSB (Olsson-CT)
 6519 0130 WFE Houston R. Sta OM EE wkg "Western Kay"(Cook-MN)
 6521.3 0150 NMF USCG Boston OM EE wkg Ocean Sta Hotel USB(Beal)
 0335 NMG USCG New Orleans wkg CGC "Acushnet" SSB(BrickMA)
 0402 NMM USCG Portsmouth VA Natl Wx Svc relay (Brick-MA)
 0503 NKA USCG Miami FL wkg CGC "Chilula" SSB (Brick-MA)
 6982a 0506 KKN50 State Dept Intell Svc DC QRA mkr CW(Trochimcz)
 7400 1635 WEO27 AP NYC QRA mkr CW (Trochimczyk-DC)
 8636 0417 WMH Dundalk Marine Baltimore MD V mkr CW(Trochimczy)
 8735.2 0335 KMI ATT Oakland CA OM EE wkg "Margaret L."(Benjamin)
 8792.3 0355 WOM ATT Ft Lauderdale FL OM EE tfc USB(Benjamin-CA)
 8875 0146 San Francisco Aeradio OM EE wkg NW 211 USB(Pecenka)
 8903 0138 KSF10 Oakland VolMet aviation wx AM (Pecenka-IN)
 8993 1658 AFES MacDill AFB FL YL EE wkg Unity 69 USB(Cook-MN)
 9905a 2335 ATT NYC OM EE vm USB (Beal-WA)
 10515 0745 WED40 ATT NYC OM EE vm USB (Beal-WA)
 10870a *1000 VOA Portuguese feeder, EE ID to Brazil QTH?(Beal-WA)
 11226 1757 AFL Loring AFB ME OM wkg Flora 31 USB (Cook-MN)
 11182 1558 AFG37 Scott AFB IL OM EE wkg Airvac 1416 USB(Cook)
 11080m 1902 NAM USN Norfolk VA NAM/NST multicall V mkrCW(Compton)
 11246 1930 AFES Macdill AFB FL OM wkg many MAC a/c USB(Compton)
 12430 2320 WOU NET&T Boston marine op OM EE tfc USB (Beal-WA)
 12993a 2014 KOK ITT Cerritos CA wkg TOME CW (Raiford-FL)
 12997.5 1905 WSL ITT Amagansett NY wkg OANL CW (Raiford-FL)
 14390a 2215 AFH15 Travis AFB CA YL EE wkg acft USB (Beal-WA)
 14750a 1721 AT&T Dixon CA YL EE vm AM (Novello-NY)
 13241 1815 AFG34 USAF Belton MO Gebaur AFB Skyking bcst(Cook)
 20225 1953 NAM USN Norfolk VA NAM/NST multicall V mkr CW(Comp)

CARIBBEAN

ANTIGUA: 2716 0924 NAN USN OM EE clg MV "Star Trek" USB (Chabak-GC)
 CUBA: 7925 0240 CML23 IRTS Havana YL SS vm SSB (Stone-ONT)
 10724 1634 CML30 IRTS YL SS vm LSB (Novello-NY)1307(Pecenka-IN)
 17165.5 1700 CLA EMRAIN Bauta CQ mkr CW (Thompson-NM)
 CURACAO:17170.4 1655 PJC GR&TA Willemsstad CQ mkr CW (Thompson-NM)
 GUANTANAMO:6955a0149 AAC&R OM EE vm USB (Novello-NY)
 7756.5 1640 AAC&R OM EE vm USB (Trochimczyk-DC)
 15500 1620 AAC&R OM EE vm AM (Wirrell-MA)
 MARTINIQUE:25652 1523 FFP FTS Fort de France CQ mkr CW (Hauser-TN)
 PUERTO RICO:2716 1026 USN Roosevelt Roads Control YL EE tfc USB (Chabak)
 TRINIDAD:6540 0637 POS(?) Piarco Aeradio OM EE wkg Iberia981 AM(Chabak)
 MARTINIQUE:13834 '112 FZF38 FTS Ft de France YL FF/EE vm SSB(Denissen-HOL)

CENTRAL AMERICA

COSTA RICA:8210 0157 TIM CORAIN Limon SS tfc CW (Cook-MN)
 8478 0350 TIM CORAIN Limon ID mkr CW (Watts-IN)2330(Gauvreau)
 13100 2145 TIM CORAIN Limon V mkr CW (Thompson-NM)
 CANAL ZONE:12883 2225 NBA USN Balboa CQ mkr CW (Thompson-NM)

SOUTH AMERICA

ARGENTINA: 4262 0155 Navy Oceanographic Svc Sea Wx EE CW (Cook-NM)
 12988.5 2205 LPD88 Gen. Pacheco R. V mkr CW (Thompson-NM)
 15490 1209 Centro Internacional YL SS vm SSB (Brooks)
 18755 1430 LRO55 Centro Internacional de LATEL YL SS vm USB
 (Trochimczyk-DC)

BRAZIL: 8502a 0359 PPL B.P.T. Salinopolis R. V mkr CW (Trochimczyk-DC)
 8634 0411 PPR B.P.T. Rio de Janeiro V mkr CW (Trochimczyk)
 14605 0125 EMERATEL Rio YL EE/FF OM PP vm LSB (Olsson-CT)
 17170a 1645 PPL B.P.T. Salinopolis wkg PSAW & V mkr CW (Raiford)
 17362a 1540 PVM Manaus clg PVJ Rio CW (Olsson-CT)

COLOMBIA: 13087.5 2125 HKB ENTEL Barranquilla wkg XGRT CW (Cook-NM)
 ECUADOR: 1699.3 0610 "OLM" beacon Olmedos - experimental CW (Hauser-TN)
 PARAGUAY: 10415 0100 ZPG4 ANTELCO Asuncion YL EE/SS vm USB (Beal-WA)
 PERU: 17680 2005 OCK Smithsonian Astrophysical Sta Arequipa OM EE
 wkg KCW21 Cambridge MA USB (Beal-WA)

SURINAM: 13046 1801 FZN LTT Paramaribo ID mkr CW (Raiford-FL)
 URUGUAY: 8037 0324 CXL21 "La Señal Indicar" YL SS time sls AM (Compton)
 19587a 1820 CXL Uyte Montevideo YL EE/SS vm USB (Beal-WA)
 VENEZUELA: 15375 1715 4MJ4 CANTEL Caracas YL EE/SS vm USB (Beal-WA)
 17141.6 2035 YVG MinCom Caracas CQ mkr CW (Thompson-NM)
 17593 1900 YWM Navy Maracaibo clg CCS CW (Olsson-CT)

EUROPE

AZORES: 2931 0454 Santa Maria Aeradio OM EE wkg acft USB (Cook-NM)
 3621 2230 CT07/41 CPRM Ponta Delgada CQ mkr CW (Olsson-CT)
 4292 0049 CUG32 CPRM San Miguel CQ mkr CW (Raiford-FL)
 6750 0945 CUW USAF Lajes AFB OM EE Skyking bcst USB (Chabak-CC)

BELGIUM: 6411a 0255 OST3 RTT Ostend V mkr CW (Gauvreau-QUE)
 13067 1751 OST3 RTT Ostend wkg ONOR CW (Raiford-FL)

DENMARK: 12327.5 1845 OVG Frederikshave Flade R. V mkr CW (Raiford-FL)
 ENGLAND: 3067 0754 AJE Croughton AFB Bardford St. John t/c USB (Chabak)
 6750 1028 AJE Croughton AFB OM EE wkg MAC40647 USB (Chabak-CC)
 4310 0440 MTI BRN Plymouth ID mkr CW (Trochimczyk-DC)
 12340.7 1814 GKU52 Portishead R. wkg "Charles Pickett" USB (Cook)
 12844 1607 GLO20/MHU BRN(?) Cntar ID mkr CW (Compton-MA)
 13119 1506 GKU52 Portishead OM EE wkg "Shymont II" USB (Cook-NM)
 7730 0945 KRH50 U.S. Embassy, London (?) QRA mkr CW (Denissen-H)
 FRANCE: 6421.5 0110 FFL2 PTT S. Lys wkg "Anglatte Ann" CW (Cook-NM) 0225
 CQ mkr CW (Gauvreau-QUEBEC)

8751.2 1742 FFL32 PTT S. Lys Accordion YL FF vm USB (Novello-NY)
 14890a 1546 Intntl Network Paris CM EE/FF vm USB (Novello-NY)
 15495 1540 FTP49 FTS Paris OM EE/FF vm USB (Beal-WA)
 1705 Intnatl Network Paris OM EE/FF vm USB (Olsson-CT)
 17040.8 1635 FFS8 PTT S. Lys CQ mkr CW (Thompson-NM)
 17555 1420 R. Monte Carlo feeder to Cyprus FF & AA SBE (Hauser)
 20560a 1550 International Network OM EE/FF vm AM (Raiford-FL)
 17180 0955 HWN Navy Paris V mkr CW (Denissen-HOLLAND)
 10563 1852 FTK56A FTS Paris QRA mkr CW (Denissen-HOLLAND)
 16875 0909 FUG Navy La Rezine V mkr CW (Denissen-HOLLAND)

GERMANY, E.: 22481 0749 DHS MPT Ruegen V mkr CW (Denissen-HOLLAND)
 GERMANY, W.: 4308.5 0155 DAN Deutsche Bundespost Norddeich CQ mkr CW (Gauvreau)
 GIBRALTAR: 12824 2257 GYU BRN CQ mkr CW (Denissen-HOLLAND)

GREECE: 5270.5 0027 SWS78 U.S. Embassy Athens QRA ev3 CW (Raiford-FL)
 6342.5 0225 SVA OTE Athinal R. V mkr CW (Gauvreau-QUE)
 6509 0333 SXA2/3 Navy Athens K13A V mkr CW (Raiford-FL)
 8704 1941 SVF4 Athinal R. wkg SKYQ CW (Raiford-FL)
 17194.4 1645 SVA OTE Athens V mkr CW (Thompson-NM)

HOLLAND: 4230 0411 PBC Naval Tng Ctr Goeree N13A V mkr CW (Trochimczyk)
 8654.4 1922 PCH4 PTT Kootwijk CQ mkr CW (Raiford-FL)
 10300a 1847 PPT Kootwijk OM EE vm fol by Du RN feeder USE (Novello)
 17422 1545 PTT Kootwijk OM EE vm LSB (Pierce-MA)
 ICELAND: 12175 2238 TFA Reykjavik R. CM EE vm USB (Cook-NM)
 13069.5 2155 TFA PTT Reykjavik CQ mkr CW (Thompson-NM)

IRELAND: 13312 1440 EIP Shannon VolMet OM EE Air Terminal Wx AM (Cook-NM)
 ITALY: 4616 0126 IDR2 Navy Rome V mkr CW (Raiford-FL)
 8469.5 1935 ICB IRT Genoa V mkr CW (Hardester-OKINAWA)
 8679 1925 IQX Centro R. P.T. V mkr CW (Raiford-FL)
 13158.2 2050 IAR I.P.T. Rome OM It vm USB (Olsson-CT)

LITHUANIAN SSR: 3730 2200 URB2/RWMM clg 4LI CW (Olsson-CT) Unusual, Eric!
 NORWAY: 8680 1927 LGU Rogaland R. V mkr CW (Raiford-FL)
 POLAND: 13616 1838 SOM26 PTT Warsaw Polish nx CW (Olsson-CT)

PORTUGAL:17088.8 2100 CTV MinMar Monsanto clg CSAA CW (Thompson-NM)
 SPAIN: 8682 0329 EAD3 EMNATEL Aranjuez wkg EARW CW (Raiford-FL)
 U.S.S.R.:7350 2300 Pulser (Kiev?) much narrower band, briefer xmsns.
 (CIA spokesman reported as saying in SCDX that this is Soviet over-the-horizon backscatter radar vs. IGBMs) (Hauser-TN)

 AFRICA

AFARS&ISSAS:13044a 1804 FUV French Navy Djibouti V mkr CW (Raiford-FL)
 CEN.AF.REPUB.:5813a 0513 FCR Bangui YL EE/FF vm LSB (Chabak-CO)
 CONGO: 5617 1930 Brazzaville VolMet OM FF aviation wx AM (Pierce-MA)
 7698 0142 TRI76 FCR Brazzaville YL FF vm LSB (Novello-NY)
 IVORY COAST:7850a 2205 INTELGI Abidjan YL EE/FF vm LSB (Olsson-CT)
 18436.5 1434 TUP84 INTELGI YL FF/EE vm SSBRG (Hauser-TN)
 LIBERIA: 5110 0102 KKN44 US EMBASSY Monrovia QRA mkr CW (Hobson-MI)
 MAURITANIA:7494a 2335 OFIPCSLAL Nouakchott OM FF/AA vm SSB (Gauvreau-QUE)
 SENEGAL:16095 1930 FZS60 FTS S. Denis YL FF/EE vm LSB (Beal-WA)
 7560 0020 6VK27 STIS Dakar YL FF/EE vm LSB (Olsson-CT)
 15467a 1550 STIS Dakar YL FF/EE vm USB (Gauvreau-QUE)
 SOUTH AFRICA:4218a 0415 ZRQ Cape Naval R. V mkr CW (Trochimczyk-DC)
 4317 0450 ZSC33 Capetown R. V mkr CW (Trochimczyk-DC)
 6336.5 7227 ZRQ Cape Naval R. V mkr CW (Gauvreau-QUE) Time, Jean?
 6336.5 0501 ZS33 Navy Silvermine CQ mkr CW (Trochimczyk-DC)
 8566 2050 ZS34 PG Capetown R. CQ mkr CW (Gauvreau-QUE)
 12692 0630 ZRQ Cape Naval R. Simonstown V mkr CW (Trubee-HI)
 12947 2220 ZRH Cape Naval R. XXX-V mkr CW (Thompson-NM)

 ASIA

CHINA: 4303 7227 XSJ Yunkin R. tfc & ID CW (Hardester-OKINAWA)Time???
 5430 1450 BPV Zi-ka-wai Obs time tick & CW ID (Hardester-OKIN)
 1374C 0955 BAA73 33RA Shanghai YL CC/EE/FF vm SSB (Denissen-HCL)
 14520a 0950 PTT Peking YL EE/CC/FF&mm vm SSB (Denissen-HOLLAND)
 17103.2 2315 KSG 33RA Shanghai CQ mkr CW (Thompson-NM)
 20015a 1625 Chinese satellite w/beeps & clicks (Hauser-TN)
 JAPAN: 4250 1850 JCK Kobe R. CQ mkr CW (Hardester-OKI) Address, tnx
 to Hiro Koizumi: 1-28 Aoi-cho, Ikuta-ku, Kobe-shu
 5315.5 0908 NRT USCG Loran Kami Seya wkg NRT9 USB (Chabak-CO)
 6995a 1315 AIA USAF Tokyo OM EE wkg AFC NYC USB (Beal-WA)
 INDIA: 22738 1104 VIG Navy Bombay V mkr CW (Denissen-HOLLAND)
 IRAQ: 13410 1325 YIB35 PTT Bagdad YL EE/AA vm SSB (Denissen-HOLLAND)
 KUWAIT: 20805 1042 9KTK381 PTT YL EE/AM&mx vm SSB (Denissen-HOLLAND)
 LEBANON: 9702 1942 ODR3 Societe R. Orient CQ mkr CW Beirut (Raiford-FL)
 SINGAPORE:4218a 0415 GYS British Navy ID mkr CW (Trochimczyk-MD)
 8688 1715 9V336 DirTel CQ mkr CW (Thompson-NM)
 U.S.S.R.:4246a 0047 UFN Novorossiisk Krasnodarskogo R. CQ mkr CW (Raiford)
 VIETNAM:20992 0859 PTT Hanoi OM EE vm SSB (Denissen-HOLLAND)

 OCEANIA

AMER.SANCA:15675 1746 UQ220 GAS Pago Pago CM EE vm USB (Beal-WA)
 AUSTRALIA:3729.5 1045 VIS25 ACTG Doonside OM EE wkg "Arcadia"USB(Beal-WA)
 17161.3 2115 VIS6 CTC Sydney CQ mkr CW (Thompson-NM)
 GUAM: 6738 1006 AIE Andersen AFB OM EE wkg MAC70025 USB (Chabak-CO)
 7321.5 3805 NRVI Orote Pt Loran OM EE wkg Saipan USB(Chabak-CO)
 HAWAII: 5603 0558 KUA Honolulu Aeradio wkg Korean 005 USB (Beal-WA)
 5696 2220 NMC USCG Wahiawa OM EE wkg NMC USB (Beal-WA)
 6511.8 1509 NMO USCG Wahiawa wkg CGC "Mellon" USB (Cook-MN)
 8655a 0414 NMC USCG Wahiawa CQ mkr CW (Trochimczyk-MD)
 8862.5 0150 KUA Honolulu Aeradio OM EE wkg 501 USB (Pecenka-IN)
 8984 0708 NMC12 USCG Barbers Pt OM EE wkg #1345 USB(Trubee-HI)
 13201 0033 ABA Hickam AFB OM EE tfc USB (Cook-MN)
 13995 2210 IA18 USAF Midway Is. wkg Hickam USB (Beal-WA)
 17307 2030 KQM RCA Kahuku YL Natl Wx Svc relay USB (Beal-WA)
 IJC JIMA:5315.5 0827 NRT3 USCG Loran OM EE wkg Marcus Loran USB (Chabak)
 MARCUS IS.:5315.2 0809 NRV6 USCG Loran OM EE wkg Hokkaido USB (Chabak-CO)
 MARSHALL IS.:3874a 2215 AGC USAF Kwajalein OM EE wkg Hickam USB(Beal-WA)
 NEW CALEDONIA:10535a 2300 FTS Noumea YL EE/FF vm USB (Beal-WA)
 NEW ZEALAND:9683a 0545 ZLP Navy Irirangi V mkr CW (Trochimczyk-MD)
 8770.4 0758 ZLW NZPC Wellington OM EE mx vm, clg GRFP USB(Beal)
 TAHITI: 17040.8 2055 FJA26 OFIPOSTEL Mahina CQ mkr CW (Thompson-NM)
 9052 0905 FZ090 FTS Papeete YL EE/FF vm USB (Beal-WA)
 12080 0200 FZP20 FTS Papeete Tahitian tfc LSB (Trubee-HI)

UNIDENTIFIED

2579a 0246 HAQ clg ERAC CW (Raiford-FL)
 4121a 0159 YRJ clg YUAD CW (Raiford-FL)
 4133a 0233 KRT clg LWQ CW (Raiford-FL)
 6538a 0121 HCO clg HDP CW (Raiford-FL)
 8984a 0709 "x" beacon. Into #s @0717 very fast CW (Trubee-HI)
 9738.8a 0520 2V, VY, discussing "Event 0506"; HF, RZ, re "Event 0464":XK
 to 2V re "Rocket (didn't sound like rocket) XKØ1 100, bearing
 280°", etc. SSB (Hauser-TN)
 10461.9 1208 KWL90 QRA mkr CW (Hardester-OKINAWA)
 11050a 1908 DHM901 OM EE & GG wkg American & British acft in EE & German
 mil acft in GG SSB (Compton-MA)
 12022.5 2225 KEA32 slow call rptd, KKN50 on freq @ 2226 CW (Cook-MN)
 12854a 0705 UFJ V-CQ mkr CW (Trubee-HI)
 14670a 1520 "n" & "R" beacons on same freq CW (Compton-MA)
 14928a 1650 "VVV KR8 QRU" CW (Olsson-CT)
 17123 2301 JJF clg DD7S CW (Raiford-FL) Japanese Defense Agency call-Ed

SHIPS

2716 0509 USS "Skate" SSN-578 wkg Canaveral Control SSB (Chabak-CC)
 0903 USS "Spartanburg Country" wkg Little Creek USB (Chabak-CC)
 1056 USS "Trout" clg Balboa Harbor Control USB (Chabak-CC)
 1112 HMCS "Protecteur" wkg Roosevelt Roads Control USB (Chabak-CC)
 4130 0410 "Queen Elizabeth II" clg WOO OM EE USB (Beal-WA)
 4124 0147 "Emerald Seas 41" OM EE clg WOM SSB (Raiford-FL)
 4130 0156 "Sun Viking" OM EE clg Miami marine op SSB (Raiford-FL)
 4139 0332 "Audra" clg WDJ Morgan City OM EE SSB (Raiford-FL)
 4435 0230 NCDV USCGC "SPAR" wkg icebreaker "Dearborn 26" USB (Trubee-HI)
 5090 0035 NCFQ CGC "Cape Small" wkg CG A/C #1345 USB (Trubee-HI)
 5621.8 0348 NRXD CGC "Evergreen" wkg USCG Miami USB (Briek-MA)
 0335 NMHA CGC "Acushnet" wkg USCG New Orleans USB (Briek-MA)
 8220 1605 SZUS "Shimizu" OM EE clg WOO USB (Novello-NY)
 12372 1940 "Royal Viking Star" OM EE wkg KGY USB (Beal-WA)
 12430a 2320 "Gulf Queen II" OM EE wkg KGY USB (Beal-WA)

AIRCRAFT

4724 0100 FORD SKY KING OM EE numbers code USB (Beal-WA)
 5696 0000 CG Rescue #1341 wkg Ascot 5229 USB (Hobson-NI)
 0035 CG #1345 wkg "Cape Small" re distressed acft USB (Trubee-HI)
 0932 CG #1482 clg San Diego re rescued party OM EE USB (Beal-WA)
 6540 0103 American 688 OM EE clg "NY Center" SSB (Raiford-FL)
 0145 Pan Am 665 OM EE clg San Juan Aeradio USB (Pecenka-IN)
 0645 Czech 628 OM EE wkg Miami AM (Hickman-OR)
 8995 1831 SEMI 77 OM EE clg MacDill SSB (Raiford-FL)
 11179 0012 CG#1345 escorting distressed a/c & wkg Hickam USB (Trubee-HI)
 11180 2125 AIR FORCE ONE OM EE tfc USB (Beal-WA)

TACTICAL

4377 0804 STAGE PLAY OM EE wkg Bravo Zero USB (Chabak-CC)
 0810 T-BONE USN Adak AK OM EE wkg November 1Ø USB (Chabak-CC)
 4490 0204 ALL AMERICAN wkg JODY Ø1 on Hotel Fox USB (Cook-MN)
 4724 0520 DISGUISE OM EE wkg FFY24 USB (Pecenka-IN)
 5716.5 0223 MIKE PAPA OM EE calling BATTER UP SSB (Hobson-NI)
 11243 2135 CORONET OM EE w/Skyking tfc USB (Compton-MA)
 17265 1307 FORESTSIDE OM EE vm sounded live, not like vm USB (Brooks-CT)

"SPY" NUMBERS STATIONS

4520a 0410* YL SS 5-digit groups ended "Atencion 923 Final" AM (Novello-NY)
 4670a *0110 YL SS 3-digit ID (what digits, Dave?) then 10digit (Hammer)
 4750a 0119 YL SS 4-digit groups AM (Stone-ONT)
 4990a 2201 YL GG 3-digit ID - Heavy QRM USB 1/23 (Hammer-OH)
 7342a 0910 "Atencion 160" YL SS 0911 "Final" w/o tfc AM 12/25 (Hauser)
 7950a 0627 "Atencion 719 85" YL SS 5-digit "Final" @ 0636 AM (Watts-IN)
 9074 0014 YL SS 4-digit groups AM (Gauvreau-QUE)
 9830a 1734*YL SS 5-digit groups, "Final Final" AM (Novello-NY)
 11535a 1634 Matador music YL SS 4-digit groups, hvy QRM AM 1/1 (Hauser)
 11617a 1403 "Foxtrot Zulu" YL GG 5-digit, ea gr repeated AM (Hauser-TN)
 12092a 1508 YL GG # - Hvy QRM by BBC on 12095 AM 12/5 (Gauvreau-QUE)
 17595 1424 "KILO WHISKY" YL GG 5-digit groups AM (Brooks-CT)

RADIOTELETYPE

9886.5 1855 GFL23 Bracknell MAJOR coded wx 60wpm/425 shift (Olsson-CT)
 14980 1600 HXX34 Vernon coded wx bcst 60/425 (Olsson-CT)

QSL REPORTS



Editor: Bill Cleveland
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Visalia, Calif. 93277



Verified Countries -- 109

Deadline: 15th of month

3 -- count 'em -- 3

R. Ulan Bator

3 -- count 'em -- 3

With nearly 500 reports this month (about 150 more than normal) it looks like the squeeze is really on. I'll save the illustrations for a later column. Thanks to the dozen or more who wrote in with the answer to Ken Eaton's "PJB" problem of last month. It's simple enough--it's their call sign. I should have known it--but I'm not at my best early in the day (or week, month, or year) and rumor has it, not too good the rest of the time, either. Gary Biasini points out the importance of reporting the day you hear a station rather than putting it off--many stations use the date of your report in their QSL rather than the date of reception; hence if both dates are the same you don't run the risk (or so much risk) of getting an erroneous date on your QSL. Randolph Macris notes that an acquaintance visited Ghana over Christmas, and in one village discovered a building loaded with undelivered mail. When the delivery jeep breaks down it just gets thrown back. Perhaps your report is in this pile. He also suggests that reports not be made interestingly thick with goodies if you expect them to be delivered. Eighteen first time reporters to this column this month. A hearty welcome to the newcomers and welcome back to all the rest. Now let's have at it...

Europe

- ALBANIA:** R. Peking Relay, 7120, date/fqy cds "Red Flag Canal" and "After the Performance" in 15d air, no rp. Also sent pin and sked. (MEEHAN CT)
R. Tirana, 7250, f/d cd "Man w/banner" in 89d sfc for MS (JECHENTHAL IL)
- AUSTRIA:** ORF, 15105, f/d abstract painting cd "Austrian Challenge" in 20d air for # IRCs (TILBURY AK)
- BELGIUM:** ORU, 6080, f/d blue/white logo cd in 28d air, no rp (RAFE NY), same + pennant in 35d air for 2 IRCs; no fqy, same + pennant in 30d, no rp (TWIGGS CT)
- BULGARIA:** R. Sofia, 7245, f/d cd "Climent of Ohrid University" in 31d air, no rp (DENNIS), no fqy, date/time/m band cd "Univ. of Sofia" in 78d sfc, no rp (WILLIS PA)
- CZECHOSLOVAKIA:** R. Prague, 5930, f/d cd "Bratislava-view of the castle across the Danube" in 60d air, no rp (STONE ONT), f/d "Orava Castle" cd in 130d air, no rp (RAFE NY); 7245, same cd in 73d air, no rp (MEEHAN CT), f/d "Thermia Palace" cd in 58d air, (MEEHAN CT), f/d "A Courtyard in Czechoslovakia" cd in 21d air for MS (ARNOLD CA)
- DENMARK:** R. Denmark, 15165, f/d "Radiohouse Aerial Tower" cd in 17d air for 3 IRCs, (MILLER MA), same in 29d air for no rp (FOWLER ONT)
- FINLAND:** R. Finland, 15110, f/d "Autumn in Finland" cd in 18d air, no rp (ROGERS ME), f/d "Winter in Finland" cd in 18d air, no rp (NOVELLO NY), same in 24d, no rp (LENTZ PA), same + pennant in 43d for 1 IRC (RAYMOND NJ), same in 22d, 3 IRCs (MILLER MA)
- FRANCE:** R. France International, 11705, f/d cd "Couleurs et Lumieres de France" + plastic pennant in 33d air, no rp, FF rpt (LORDO SC); 11730, f/d cd w/aerial view of Notre Dame in 21d air, no rp (BURNETT WI); 11745, f/d cd w/photo of Paris in 30d air for 1 IRC, (ARAKI JAPAN); 11890, date/fqy "Arc de Triomphe" cd + pennant, 17d air, no rp (MAYER IL); 11930, same in 18d air for FF rpt (REESE KS); 15200, same in 41d, no rp (BIASINI ALB); 15300, f/d cd "L'ile de la Cite" in 55d, no rp (COHEN NJ); 15315, f/d cd "Couleurs et Lumieres de France" + pennant in 30d air (ARNESON MO); 15425, cd "Les Hotels de Gabriel" + pennant in 29d, no rp (WORMAN WI); 17720, f/d cd "L'Arc de Triomphe" in 19d for 1 IRC, FF rpt (BETHGE MO), same + pennant in 46d, no rp (LENTZ PA), f/d cd "Couleurs et Lumiere de France" in 45d air, no rp (LENTZ PA)
- GERMANY (Democratic Rep.):** R. Berlin International, 15125, f/d cd "Serie Berlin -1- 'Rotes Rathaus'" in 95d air, no rp (RAFE NY); 21540, flag cd in 30d air, no rp (JONES VA)
- GERMANY (Federal Rep.):** VOA Relay, 3980, f/d bicentennial stamps cd in 7d sfc (PECENKA IN)
- GREAT BRITAIN:** BBC, 3975, no data London Bridge cd in 58d sfc, no rp (SMITH FL); 5975, same cd in 26d air (MILLER CA), Thames cd in 29d air, 1 IRC (MALONE MA)
VOA Relay, 6180, f/d bicentennial stamps cd in 4d (JONES VA); 7200, same cd in 46d air but date only (BIASINI ALB)
MSF (time and fqy), 10 MHz, f/d ltr in 150d sfc, no rp (CABOS W. GERMANY)
- GREECE:** V. of Greece, 9675, f/d white cd in 17d air, no rp (MAGHAKIAN NY), same in 24d sfc (NOVELLO NY); 9760, same in 30d air for 2 IRCs (BIXBY CA)
VOA Relay (Rhodes), 6015, bicentennial stamps cd in 5d (SEYMOUR NC)
- HOLLAND:** R. Nederland, 11730, f/d "Van Gelder" cd in 43d, no rp (COHEN NJ); 15120, same cd in 59d sfc, no rp (LENTZ PA)

HUNGARY: R. Budapest, 6110, f/d blue cd + pennant in 84d sfc, no rp (RAFE NY)

ITALY: RAI, 9575, f/d cd of Michelangelo's "l'Aurora" in 62d air, no rp (FAMULARO NJ), same in 6 mo sfc for 1 IRC (MACRIS MO), f/d "Amore e Psiche" cd in 187d air for 2 IRCs (ROMANI MI), same in 257d sfc for 1 IRC (BIASINI ALB), f/d cd of Michelangelo Buonarroti "il Giorno" in 89d air, no rp (MILLER CA); 9710, same in 132d air, no rp (SMITH FL); 11800, same in 99d air, no rp (SMITH FL); 11905, "l'Aurora" cd in 115d air, no rp (MAKISHIMA JAPAN), "Amore e Psiche" cd in 205d air for 1 IRC (ARAKI JAPAN)

LUXEMBOURG: R. Luxembourg, 6090, f/d antenna/logo cd in 61d sfc for 1 IRC (RAYMOND NJ)

MALTA: IBRA, 6080, f/d map cd in 32d for 1 IRC (COHEN NJ)

MONACO: TWR, 7105, f/d green map cd + pennant in 32d air for 2 IRCs (BIXBY CA), same cd in 30d air, no rp (GRENIER CA); 7170, same cd in 30d air for 2 IRCs (LINK CA)

NORWAY: R. Norway, 9550, f/d cd "Winter in Norway" in 19d air, no rp (ARNESON MO); 15175, f/d cd w/snow scene in 21d air for 3 IRCs (MILLER MA), same (?) snow scene in 46d air for no rp (LENTZ PA)

POLAND: R. Poland, 7285, f/d cd "Heraldic arms of Polish towns" in 47d + pin, no rp (TWIGGS CT)

PORTUGAL: Adventist World R., 9670, f/d cd QSL Series 1: Medical and Welfare Work, in 41d air, no rp (SMITH FL)
R. Free Europe, 11815, date/m band blue/white "RFE" cd in 8d from USA address for MS (returned) (SMITH AL)
Em. Nacional Radiodifusao, 4865, f/d cd in 20d, no rp (LEGGE VA), f/d black/white read-in table cd in 45d air, 1 IRC, PP rpt (BUTTERFIELD MA)
R. Portugal, 6025, f/d cd w/painting of woman in hayfield, 32d air, PP rpt and 1 IRC (LORDO SC), f/d color cd "Majun bending over Lala's tomb" in 18d air, no rp (MAGHAKIAN); 11935, f/d cd of brocaded silk fragment in 30d air, 1 IRC, PP rpt (STONE ONT); 17880, f/d Rembrandt cd in 30d air, no rp (GRENIER CA) (R. Portugal is overseas svc of Em. Nac)

ROMANIA: R. Bucharest, 5990, cd "Otopeni International Airport" in 85d air for 1 IRC (SMITH MD), f/d cd "United Nations Square" in 121d air, no rp (LORDO SC); 6155, same cd in 77d air, no rp (WILLIS PA); 6190, same cd in 150d air for 1 IRC (SMITH MD); 9690, same cd in 133d air, no rp (SCHIPELLITI MA); 15365, f/d cds "Romanian Athenaeum", "Manuc's Inn", and "Victory Street" in 121d air, no rp (MAKISHIMA JAPAN)

SPAIN: RNE, 6065, f/d antenna cd + pennant in 40d air, no rp (LINK CA), same in 21d, no rp (PECENKA IN); 11880, same in 32d air, no rp (PIA NY), same in 35d (THOMPSON NM); 11965, same in 28d air, no rp (PRATER OR)

SWEDEN: R. Sweden, 6045, f/d map cd + pennant in 20d air for 1 IRC (MALONE MA); 6120, same map cd in 75d air, no rp (NOVELLO NY); 9695, f/d cd w/pix of stamp showing royal couple, in 84d air for 1 IRC (RAYMOND NJ); 11770, special SSB world map cd in 30d, no rp (LEGGE VA); 15305, map cd in 15d air for 1 IRC (YAJKO PA), royal couple stamp cd in 37d air for 1 IRC. Also sent pennant (MILLER MA)

SWITZERLAND: SBC, 6135, f/d "Two Bobs" cd in 30d air for 1 IRC (MALONE MA), same in 40d sfc for no rp (STONE ONT); 9570, "Lake of Lucerne" cd in 68d sfc, no rp (MILLER CA); 9725, "Two Bobs" cd in 57d sfc, no rp (NOVELLO NY); 11715, f/d "Cave" cd in 48d air for 1 IRC (STUART OK)

USSR:
Azerbaijan SSR: R. Moscow, 21490 (Baku), f/d "CMEA" cd in 30d (LEGGE VA)
Byelorussian SSR: R. Moscow, 7100 (Orsha), f/d "Moscow State University cd + pennant in 31d (SCHIPELLITI MA), "Kalinin Prospekt" cd in 40d (BAUMGARTNER ONT), "CMEA" cd in 58d (LENTZ PA)
Lithuanian SSR: R. Moscow, 7100 (Kaunas), Moscow view cd in 36d (ROGERS ME), "Grand Kremlin Palace" in 148d (BIASINI ALB)
R. Vilnius, 7320, f/d sketch of city cd + pennant in 98d sfc (FOWLER ONT); 15100, f/d antenna cartoon cd in 119d air (HARDING CA)
RSFSR: R. Moscow, 6010 (Moscow), 6120 (Moscow), 7115 (Ivano-Frankovsk), 7130 (Vladivostok), 7170, 7200 (Armavir), 7250 (Tula), 7290 (Moscow), 7320 (Omsk), 7350 (Moscow), 7355 (Moscow), 7360 (Moscow), 9580 (Blagoveschensk), 9700 (Moscow), 9780 (Nikolayevsk-na-Amur), 11860 (Yuzhno-Sakhalinsk), 11940 (Blagoveschensk), 15130 (Vladivostok), 15140 (Petropavlovsk-Kamchatsky), 15180, 15380 (Chita), 15450 (Petropavlovsk-Kamchatsky).
F/d cds in 27-148d air, no rp. "Kalinin Prospekt" (ARNOLD CA)(SMITH FL)(GRENIER CA)(MALONE MA)(MILLER MA)(HARDING CA)(THOMPSON NM)(SCHIPELLITI MA)(JONES VA), "CMEA Bldg" (LENTZ PA)(PIMBLETT ALB)(HARDING CA)(IMBERT NM)(SCHIPELLITI MA), "Moscow State University" (RADTKE CA)(SCHIPELLITI MA), "View of Kremlin from Moskva River" (MILLER CA) (SMITH FL), "Flags of the Republics" (ROMANI MI), "Rocket" monument (STONE ONT)(COHEN NJ) "Moscow View" (ROGERS ME), "Painted Bldg" (BIASINI ALB), "Sputnik" Memorial (SMITH FL), "Grand Kremlin Palace" (BIASINI ALB), no description (LEGGE VA)(WATTS IN)
R. Peace and Progress, 11870, f/d yellow cd w/m band, 12d air, 2 IRCs (JONES VA); 15265, same cd in 30d air (ROGERS ME)
Tadzhik SSR: R. Moscow, 7130 (Dushanbe), f/d cd, no desc., 45d air (YOUNG CA)
Ukrainian SSR: R. Kiev, 7150, f/d cd "Rusanivka new Residential District" in 38d air (SCHIPELLITI MA); 7245, "Taras Shevchenko State University" cd in 31d air (SMITH FL); 9780, f/d "Lybid Hotel" cd in 38d air (KATO JAPAN); 9580, "Palace of Culture" cd in 56d (LINK CA)

...The time to relax is when you don't have time for it....

USSR:

Ukrainian SSR (continued): R. Moscow, 5940 (Vinnitsa), 6120 (Lvov), 7100, 7110 (Ivano-Frankovsk), 7160. F/d cds in 31-148d. "CMEA Bldg" (SMITH FL)(LENTZ PA), "Moscow State University" (SMITH FL)(SCHIPPELLITI MA), "Grand Kremlin Palace" (BIASINI ALB); "Kalinin Prospekt" (ORR CO), "Moscow view" (ROGERS ME)
Uzbek SSR: R. Tashkent, 9540, f/d red/blue map cd in 56d air (BAUMGARTNER OMT)
VATICAN CITY STATE: Vatican R., 5995, f/d cd w/photo of interior of xmtr room in 11d air for 2 IRCs (LINK CA), same in 17d air, no rp (PECENKA IN), same in 18d air, no rp (REESE KS)

Africa

ALGERIA: Rdif. TV Algerienne, 17790, no data AA/FF "thank you" cd in 90d air for no rp and EE/FF rpt (FAMULARO NJ) (Pretty hard to call it a veri, Ralph, if there is no data nor veri statement; better luck next time. bc)
ASCENSION ISLAND: BBC Atlantic Relay, 7105, no data "Thames" cd in 14d, no rp (ORR CO), no data "London Bridge" cd in 22d sfc (SMITH FL); 9410, "London Bridge" cd in 44d sfc (GEORGE TX); 9580, same cd in 36d (MILLER CA)
CAMEROON (Fed. Republic): R. Buea, 3970, f/d map cd in 65d air for 1 IRC and FF rpt (MAYER IL) (Alan says cd is same as that used by R. Yaounde. bc)
 R. Yaounde, 4972.5, f/d green/yellow map cd in 26d air for 3 IRCs (DONLY SC)
CHAD (Republic): Rdif. Nationale Tchadienne, 4904.5, f/d picture cd w/stn logo in 17d air for no rp and FF rpt (SEBASTIAN VA), same cd in 20d for 1 IRC and FF rpt (SEYMOUR NC)
EGYPT (Arab Republic): R. Cairo, 9475, f/d cd "1st serial--1st scene" in 48d air, no rp (RAFE NY), "1st serial--3rd scene" cd in 86d air, no rp (LORDO SC), "1st serial--4th scene" cd in 89d air, no rp (PECENKA IN); 17920, cd w/photo in 144d air for 1 IRC (ARAKI JAPAN)
ETHIOPIA: ETLF, 15425, f/d cd w/four scenes + pennant in 99d air, no rp (KATO JAPAN)
GABON (Republic): LV de la Renovation, 4830, f/d FF ltr in 151d for EE/FF rpt and 1 IRC (PETERS KY)
GUINEA (Republic): Rdif. Nationale, 4910, f/d FF ltr in 45d air for 2 IRCs, FF rpt (ORR CO)
LIBERIA (Republic): ELWA, 11920, f/d "Drummer" cd in 16 mo for 2 IRCs (COHEN NJ); 11945, same cd in 90d for 3 IRCs (JOSEPH MO), same in 90d for no rp (TAGUE OK), same in 98d for 1 IRC (RAYMOND NJ), same in 123d for no rp (DENNIS IN), same in 128d for 1 IRC (PECENKA IN), same in 135d for 2 IRCs (BUTTERFIELD MA)
 VOA Relay, 7195, Bicentennial stamps cd in 8d sfc (THOMPSON NM)
LIBYAN ARAB REPUBLIC: PRB, 6185, EE ltr w/veri statement only in 2 mo for MS (CORSON IA)
MALACASY (Republic): R. Nederland Relay, 11730, f/d antenna cd in 11d air, no rp (KLONTZ CA); 11740, f/d "Harry van Gelder" cd in 17d air, no rp (KLONTZ CA)
MOROCCO: VOA Relay, 7295, time/fqy "Capitol" cd in 7d sfc (REESE KS)
NIGERIA (Republic): NBC (Ibadan), 3204, usual f/d VON cd in 85d sfc for MS (BAUMGARTNER); 7275, VON, green/white flag cd in 37d, no rp (CALIRI MA); 4900, VON, same cd in 43d, no rp (MAYER IL), same cd in 1 mo sfc for 1 IRC (MACRIS MO), f/d ltr QSL in 35d air for 1 IRC (BUTTERFIELD MA); 4990, VON, same green/white cd in 49d sfc for 1 IRC (YAJKO PA); no fqy, same cd in 150d sfc for 2 IRCs (BIASINI ALB)
 RTV Kaduna, 6090, same cd in 30d for 1 IRC (returned) (ORR CO); 9570, same cd in 71d air for no rp (SEBASTIAN VA) (VON is the International Service of NBC)
RHODESIA: 3306, f/d blue/white map cd in 30d for 1 IRC (returned) (ORR CO); 3396, f/d map cd and the old gazelle cd in 2 wks air, no rp, v/s B. O'Brien (SEYMOUR NC)
RWANDA (Republic): Deutsche Welle Relay, 15410, f/d blue/yellow Africa map cd in 126d air for no rp (BAUMGARTNER OMT)
SENEGAL (Republic): R. Senegal, 4890, date/fqy b/w pix of local string instrument in 43d air for no rp, EE/FF rpt (PETERS KY), same in 40d for 1 IRC and FF rpt (ORR CO), same in 31d for 3 IRCs (DONLY SC)
SEYCHELLES: FEBA, 9510, f/d orange/white map cd in 19d air for 2 IRCs (PRATER OR), same in 20d for 1 IRC (IEGGE VA); 9605, same cd in 21d air for 3 IRCs (TILBURY AK); 9700, same cd in 19d air (w/note saying 9700 replaces 9725), no rp (MEEHAN CT); 9725, same cd in 25d air for 3 IRCs (WATTS IN). v/s Mary Berry for all cds.
SIERRA LEONE: SLES, 3316, date/fqy "Coat of Arms" cd in 26d air for 1 IRC (KLONTZ CA), same cd in 31d for 1 IRC (ORR CO), same cd in 34d air for 3 IRCs (DONLY SC). v/s was B.D.H. Taylor or Alpha Sesay
SOUTH AFRICA: RSA, 3995, 7270, 9585, 11900. F/d cds in 11-60d air for no rp or 1 IRC. "Diamonds on a sorter's table--Kimberley" (THOMPSON NM)(ALBERTS CA)(BLUMENFELD NY), "Drakensburg" (PECENKA IN)(FOWLER OMT), "Canyon view" (ARNOLD CA), "Tugela Falls" (LUBITSCH IL)(LENTZ PA)(GRENIER CA)(THOMPSON NM), "A Brilliance of Diamonds" (NOVELLO NY) (REESE KS)(DURANT MD)
 SABC, 3250, f/d "Industries" montage cd in 22d air, no rp (REESE KS); 4810, same cd + pennant in 25d air (MEEHAN CT), same in 33d air for 1 IRC (RAYMOND NJ)
SWAZILAND: TWR, 3240, f/d cd in 15d, 1 IRC (IEGGE VA); 11955, f/d antenna cd in 22d air for 1 IRC (PRATER OR), same in 3 wks for 1 IRC (IEGGE VA); 17725, same in 15d (IEGGE VA)
TOGO (Republic): Rdif. du Togo, 5047, usual f/d map cd in 25d for FF rpt, 1 IRC (SEYMOUR

UGANDA (Republic): UBC, 9730, no data form ltr in 24d air, no rp, v/s C. Warugaba (IMBERT NM), same in 30d air for 1 IRC (RAITKE CA); 15325, same, no time, 1 IRC (RAFE NY) date/fqy form ltr in 22d air for 2 IRCs, v/s John Stedu (?) (SEYMOUR NC)

ZAIRE (Republic): La Voix du Zaire, 15350, date only long FF form ltr in 156d registered air for 1 IRC (ORR CO). v/s Edope Mondengele, le Chef de Bureau de Coordination des Programmes Exterieurs et des Radios Regionales.

Asia

CHINA (People's Republic): R. Peking, 9460, 9860, 9940, 9965, 11675, 11945. Date/fqy cds in 17-45d air, no rp. "Red Flag Canal" (PECENKA IN)(STONE ONT)(REESE KS)(ROGERS ME), "Yenan--Sacred place of the Revolution" (SMITH FL), "On Patrol" (SMITH FL), sacred painting of two girls (ARNOLD CA), no description, 1 IRC, Esperanto rpt (ARAKI JAPAN)

CHINA (Republic): VOFB, 7130, f/d cd "Bronze Ceremonial Tripod" + pennant in 29d air, no rp, JJ rpt (KATO JAPAN); 15425, f/d cd "City of Cathay" in 32d air, no rp (PRATER OR); f/d cd "Yellow double vases--Ching Dynasty" in 25d air, 2 IRCs (returned) (LINK CA)

CYPRUS: BBC Relay, 6100, no data "London Bridge" cd in 51d, no rp (WORMAN WI)

INDIA: AIR, 9252, date only "Golden Temple" cd in 91d, no rp (COHEN NJ); 9912, date only cd "Jagamohan and Roofless National Mandir, Konarak" in 48d air for 4 IRCs (MILLER MA); 11775, date only cd "Golden Temple" in 53d for 1 IRC (ORR CO)

INDONESIA: RRI Mataram, 3223, Indo ltr in 3½ mo for MS and Indo rpt, v/s Soekino (CORSON) RRI Banjarmasin, 3250, Indo ltr in 4 mo for MS and Indo rpt, v/s Andi Njongki BA (CORSON) RRI Sorong, 4872, Indo ltr and GSL cd in 2 mo after 4th f/up, v/s Soedarsono (CORSON IA)

IRAN: V. of Iran, 2022, f/d "Abadan Television" cd + pennant in 40d air for MS (SMITH AL); 17730, f/d cd, no description, in 30d, no rp (LEGGE VA)

IRAQ: R. Baghdad, 9745, f/d map cd in 2 mo, no rp (TWIGGS CT), f/d cd "Unknown Soldier" Memorial and map in 53d sfc, no rp (LENTZ PA)

ISRAEL: IBA, 5900, 7412.5, 9435, 9815, 15485, 17815. F/d cds in 35-90d for no rp to 2 IRCs. Bird's-eye view of the Old City Jerusalem (LENTZ PA)(JOSEPH MO)(ROMANI MI) (REESE KS)(SMITH FL), "Jerusalem, the Golden City" (RAFE NY), "Jerusalem--Night view" (ONKEN IL), Jerusalem picture (FOWLER ONT)(DENNIS IN)(STUART OK)

JAPAN: FEN, 3910, f/d blue/white microphone cd, 3 wks, no rp (TWIGGS CT) NHK, 5990, 9560, 11800, 15195, 15420, 17825. Date/fqy cds in 5-42d air, no rp. "Kamakura" cd (YAJKO PA)(PRATER OR)(PECENKA IN)(ALBERTS CA)(CLEVELAND CA)(GRENIER CA) (MILLER CA)(HARDING CA)(REESE KS)(THOMPSON NM)(LINK CA)(MAGHAKIAN NY)(SMITH AL), "Hakata Dolls" cd (IMBERT NM), "Hakata Doll modelled after girl in kimono" (CLEVELAND CA)(REESE), "Three-storied Temple" cd (MILLER CA)

NSB, 3925, f/d cd "Constellation chart centered on Orion", 44d air, no rp (FAMULARO NJ); 9252, cd w/Judo wrestler and girl in 3 mo air for MS (TROCHIMCZYK MD)

VOA Okinawa Relay, 9560, f/d bicentennial stamps cd, no time (JONES VA)

JORDAN: R. Jordan, 9560, f/d cd "Native Playing the Rebec" in 20d air, no rp (ROGERS ME), cd, no description, 1 mo for no rp (TWIGGS CT)

KOREA (Democratic People's Republic): R. Pyongyang, 11535, color cd w/scene from Revolutionary Opera, + pennant in 46d air (THOMPSON NM), same in 50d (FAMULARO NJ); 15650, f/d color cd of man and two women + pennant in 96d air after f/up (PETERS KY)

KOREA (Republic): R. Korea, 11860, f/d cd "Autumn in Kyongbok Palace" in 117d air for 3 IRCs (TILBURY AK)

KUWAIT: R. Kuwait, 9580, f/d folder cd in 47d air for 1 IRC (RAFE NY); 11845, same cd in 59d air, no rp (FOWLER ONT), same in 80d air, no rp (SCHIPPELLITI MA)

MONGOLIA (People's Rep.): R. Ulan Bator, 5053, f/d cd w/golden Soyombo symbol in concentric circles on abstract blue cloud background, in 79d air for 3 IRCs (BLXBY CA), same in 3 mo, no rp (CORSON IA), same in 90d registered sfc mail, no rp (MAYER IL)

PAKISTAN: R. Pakistan, 15325, f/d form ltr in 60d, no rp (LEGGE VA)

PHILIPPINES: FEBC, 9505, f/d map cd in 4 mo sfc, no rp (ARNOLD CA); 11765, f/d cd of oxen pulling carts, in 36d air, no rp (LINK CA); 15440, f/d map cd in 1½ mo for 2 IRCs, (TWIGGS CT), f/d cd of water buffalo hauling sleds, 24d air for 2 IRCs (THOMPSON NM); no fqy, date only ltr in 48d sfc, no rp (MILLER CA)

VOA Relay, 15290, date only bicentennial stamps cd in 79d air (FOWLER ONT)

VOP, 9580, blue/red/white logo cd in 101d sfc, no rp (DUTKOWSKI BC), date/time ltr w/photo of staff and tourist DXers, 4d air, no rp (MILLER CA), f/d cd w/staff photo in 5d air, no rp (MILLER CA) (For the benefit of the uninitiated, Bill has a contact on the VOP staff--hence the quick, personal service. bc)

SABAH: R. Malaysia Sabah, 4970, f/d map cd in 3 mo air for 2 IRCs, v/s Ramlah Amir (RAITKE CA), same in 10 mo for 3 IRCs (CORSON IA), same in 1 year for 1 IRC (on 2nd try) (WAKISAKA JAPAN)

SARAWAK: R. Malaysia Sarawak, 4875, f/d "Broadcasting House" cd in 14d air for \$1 US (MILLER CA); 4920, same in 15d for 1 IRC (ORR CO)

SRI LANKA (Republic): VOA Relay, 9660, f/d bicentennial stamps cd in 5d (JONES VA)

THAILAND: R. Thailand, 9655, "Royal Barge" cd in 68d sfc for 1 IRC and Thai/Viet rpt (ARAKI JAPAN), same in 74d sfc for 2 IRCs, EE rpt (UNSIGNED)

TURKEY: V. of Turkey, 9515, "Bosphorus Bridge" cd in 28d air, no rp (ROGERS ME) V. of Meteorology, 6900, f/d ltr in 30d air for 3 IRCs (YOUNG CA)

....Silence gives consent or a horrible feeling that nobody's listening!!!.....

VIETNAM: V. of Vietnam, 15012, date only paper "card" in 3 mo sfc, no rp (WATTS IN), same "cd" in 165d sfc, no rp (TAGUE OK)

Oceania

AUSTRALIA: ABC Brisbane, 4920, f/d blue map cd in 15d air, 1 IRC (COHEN NJ), same in 2½ wks, no rp (TWIGGS CT)
ABC Perth, 9610, f/d map cd in 24d air, no rp (TAGUE OK)
VNG (time and fgy), 7500, f/d cd "Melbourne from Nauru House" and ltr in 22d air for 2 IRCs (LUBITSCH IL), same in 47d air (SMITH AL)
R. Australia, 5995, 6045, 9515, 9560, 9570, 9580, 11790, 11845, 15190, 15320, 17795. F/d cds in 89-210d for no rp, 28-80d for 1 IRC, 22d for 2 IRCs, v/s P. Koch. "Blue Wren" (LUBITSCH IL)(LINK CA)(MILLER CA)(HARDING CA)(THOMPSONNM)(ALBERTS CA)(COHEN NJ), "Scarlet-crested Parakeet" (ALBERTS CA)(LUBITSCH IL)(SMITH FL)(SMITH MD)(MILLER CA)(HARDING CA)(STUART OK)(BETHGE MO), f/d "ARDXC" cd (COHEN NJ), f/d "Aerials at Carnarvon" (COHEN NJ)
NEW CALEDONIA: R. Noumea (FR3), 7170, f/d orange/blue map cd in 14 wks air for 2 IRCs and BE/FF rpt (SEYMOUR NC) (Woody, I have heard that they hire a local HS girl for about 1 week a year to come in and translate the accumulated reception rpt. bc)
NEW ZEALAND: R. New Zealand, 11780, f/d cd w/country scene and mountain background in 35d air, no rp (REESE KS), same in 80d for 2 IRCs (MILLER CA), farm scene in 36d for 2 IRCs (MILLER CA)
PAPUA NEW GUINEA: R. Western Highlands, 2450, ltr in 3 mo for MS (CORSON IA)
R. Central District, 3290, ltr in 4 mo after f/up w/MS (CORSON IA)
R. North Solomons (formerly R. Bougainville), 3322, f/d ltr stating name change, in 31d for 2 IRCs (BAUMGARTNER ONT), same in 2 mo for 1 IRC (LEGGÉ VA)
R. East Sepik, 3235, f/d ltr in 30d, 1 IRC (LEGGÉ VA)
R. East New Britain, 3385, f/d black/white map cd in 70d air for 3 IRCs (TILBURY AK), same in 6 weeks air for 1 IRC (LEGGÉ VA)
NBC, Port Moresby, 3925, f/d map cd in 30d air for 1 IRC (LEGGÉ VA); 4890, same in 26d air for 2 IRCs (RAFE NY), same in 60d for MS (SMITH AL), same in 113d sfc for no rp (SEBASTIAN VA)
TAHITI: FR3 R. Tahiti, 11825, no data "Island Girl" cd in 184d air for 3 IRCs and cassette recording (TILBURY AK); 15170, same w/date and time in 22d air for 2 IRCs (YAJKO PA), same in 15d for 2 IRCs (PECENKA IN), same in 20d for no rp (RADTKE CA), same in 23d for 1 IRC and FF rpt (MACRIS MO)

South America

ARGENTINA: LOL (time and fgy), 10000, date/time SS/EE form ltr in 29d air for 1 IRC (LENTZ PA)
BRAZIL: R. Guaiba, 5965, no data PP personal ltr in 50d for MS, PP rpt, v/s Paulo Deuiz (ORR CO)
R. Nacional de Brasilia, 15245, f/d "Season's Greetings" cd + station decal in 49d air for 1 IRC (RAFE NY)
COLOMBIA: R. Cinco, 5040, SS ltr in 87d for SS rpt and MS, v/s Jairo A. Agudelo O., (SMITH TN), f/d ltr in 90d for 1 IRC (LEGGÉ VA), fgy only New Years cd in 3 mo for 1 IRC (LEGGÉ VA)
R. Sutatenza, 5075, f/d folder cd in 109d air for 3 IRCs, SS rpt and cassette tape of reception (TILBURY AK); 5095, f/d station folder cd in 45d for 1 IRC, SS rpt (TWIGGS CT)
ECUADOR: LV de Galápagos, 4810, no data cactus picture cd in 2 mo for MS (TROCHIMCZYK MD)
R. Quito, 4920, no data folder cd w/multilingual "Thank You's" in 2 mo for SS rpt and no rp, v/s Fernando Fegan (TWIGGS CT)
R. Federación, 4960, SS ltr in 30d for 1 IRC (ltr states operation also on 3210 and 3360) (LEGGÉ VA)
HCJB, 6095, 9560, 11915, 15115, 15310. F/d cds, 15-90d, no rp. "Bread-dough Clown" (MAGHAKIAN NY)(NOVELLO NY)(LENTZ PA)(ARAKI JAPAN)(PRATER OR)(BIASINI ALB)(IMBERT NM), Album Series #4--Xmtrs at PiFo (SMITH FL)(MILLER CA), Album Series #3--Ben Cummings at Controls (MILLER CA)(SMITH FL), Album Series #5--Call of the Andes (MILLER CA), Album Series #6--World's Highest Xmtrs (MILLER CA), Album Series #7--Old Fashioned Melodies (MILLER CA), "Arrival of Giant Xmtrs" (THOMPSON NM), #1 Woodcarving in Ecuador (RAFE NY), #2 Woodcarving in Ecuador (PRATER OR), "Indian Playing a Flute" (MILLER CA), "Mountain Climbers" (SMITH MD), "Christmas Greeting Card (1931-1966) with Staff" (YAJKO PA), #2 bread doll cd (JONES VA), Llama bread dough cd (PRATER OR), various bread dolls and wood carvings (?) (STONE ONT)
GUYANA (Republic): GBS, 3290, f/d form ltr in 3 wks for 1 IRC (LEGGÉ VA)
URUGUAY: R. El Espectador, 11835, f/d plain cd w/logo in 35d sfc for SS rpt and 2 IRCs, v/s Jorge Cubilo (WATTS IN)
VENEZUELA: R. Lara, 4800, date/fgy network cd in 28d for MS, SS rpt (ORR CO), same in 40d for SS rpt and 1 IRC (MACRIS MO)
R. Universo, 4880, date/fgy network cd in 48d sfc for SS rpt and 1 IRC (MACRIS MO)
R. Juventud, 4900, date/fgy "Dancing teenagers" cd in 50d air for 1 IRC, SS rpt (ARNESON MO)
R. Yaracuy, 4940, date/fgy network cd in 34d air for SS rpt, no rp (PRATER OR)

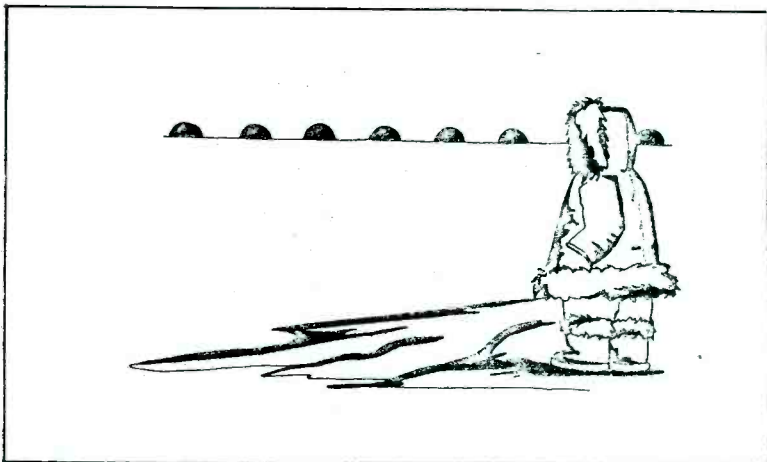
VENEZUELA (continued):

R. Barquisimeto, 4990, fgy/date network cd in 2 mo sfc for SS rpt and 1 IRC (MACRIS MO), same in 30d for 1 IRC, SS rpt (TWIGGS CT)
R. Maturin, 5040, date/fgy cd w/ red tower on white background, 18d air for SS rpt and 1 IRC, v/s Alonso J. Hurtado (MACRIS MO)
R. Nacional, 15400, date only form veri ltr in 35d for SPEEDX form, no rp. Sked on ltr has 15390 crossed out and 15400 in ink. (COHEN NJ)
YVTO, Observatorio Naval Cagigal (time and fgy), 6100, cd in 30d, 1 IRC (LEGGE VA)

North America

ANTIGUA: BBC Relay, 6175, no data bridge cd in 10 wks sfc (IMBERT NM); 6195, same cd w/full data (miracles do happen!) in 1 mo, no rp (TWIGGS CT), same cd w/no data and "Antigua" typed on back, 59d sfc, no rp (SMITH AL), same in 3 mc for 1 IRC (LEGGE VA)
BELIZE: R. Belize, 3285, date/fgy map cd in 39d for 1 IRC (ORR CO), same w/old 3300 fgy checked in 24d air for 1 IRC (MACRIS MO), same in 45d for 1 IRC, SPEEDX form (COHEN NJ), same in 19d, no rp (ARNESON MO), same in 28d for 2 IRCs (THOMPSON NM), same in 33d for 1 IRC (STUART OK), same in 12d for 2 IRCs (YAJKO PA), same in 26d (LINK CA). v/s for all was Mrs. J. Roberts.
CANADA: CBC Northern Svc, 9265, f/d "Horizon Suns" b/w drawing of Eskimo cd in 26d, no rp (SCHIPPELLITI MA), same in 24d sfc (IMBERT NM), "Polar Bear" cd in 66d sfc, no rp (BREITUNG IL); 11720, "Horizon Suns" cd in 29d, no rp (DuRANT MD), same in 30d, no rp (GRENIER CA); no fgy, same cd in 32d (SMITH FL); 5260, no data yellow cd, 58d (CALIRI MA)

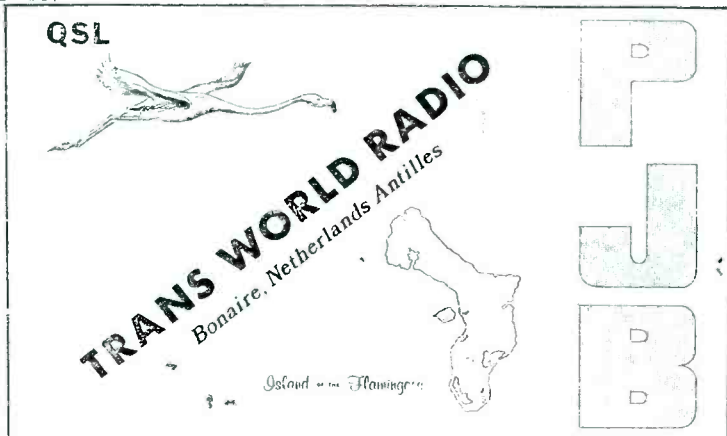
Thanks to
Henry
DuRant



CFMX Montreal, 6005, date/fgy blue/white studio photo cd in 9d sfc (MEEHAN CT), same in 104d sfc for 2 IRCs (WIRRELL MA), same in 62d, no rp (CALIRI MA)
CFRX Toronto, 6070, date/fgy cd "Carnival", an abstract painting in 24d (BETHGE MO), same in 30d for 1 IRC (RAYMOND NJ)
CHU (time and fgy), 3330, Sir Sanford Fleming cd in 38d for MS (JECHENTHAL IL)
RCI, 6085, f/d "Olympics" cd in 73d sfc (IMBERT NM); 9535, same in 40d sfc (MEEHAN CT); 9605, same in 31d sfc (DuRANT MD)
COSTA RICA: R. Capital, 4832, f/d "Aqui Costa Rica" cd in 9 mo, no rp (TWIGGS CT)
R. Casino, 5954, date/fgy green cd + pennant in 54d air, no rp (IMBERT NM)
TIFC, 6175, f/d EE/SS microphone cd in 45d (TWIGGS CT)
CUBA: R. Habana Cuba, 9525, f/d blue/white cd in 145d air, no rp (KATO JAPAN); 9685, f/d orange/yellow striped cd in 60d air for 1 IRC (STONE ONT); 17885, f/d "bullseye" cd in 59d air for 1 IRC (MALONE MA)
DOMINICAN REPUBLIC: LV de las Fuerzas Armadas, 4825, no data friendly SS ltr in 56d for MS, SS rpt, v/s Amable C. Bueno Oviedo; Coronel (ORR CO)
GUATEMALA: R. Cultural, 3300, f/d "Quetzal Bird" cd in 27d air, no rp (LINK CA), same in 33d for 1 IRC (STUART OK), same in 15d for no rp (REESE KS)
R. Maya, 3325, f/d cd in 30d for 1 IRC (LEGGE VA)
La Voz de Nahuala, 3360, f/d plain cd + pennant in 9 mo for 1 IRC (LEGGE VA)
HAITI: R. 4VEH, 9270, f/d cd w/pix of native woman in front of studio, 105d sfc, no rp (LORDO SC); 11835, same in 84d sfc for 2 IRCs (UNSIGNED), same in 189d (SCHIPPELLITI MA)
HONDURAS: LV Evangelica, 4820, f/d map cd in 18d for 1 IRC (COHEN NJ), same in 24d with date/fgy only for 1 IRC (RAYMOND NJ), f/d map cd in 85d for 1 IRC (PECENKA IN)
R. Progreso, 4920, f/d form ltr in 25d air for SS rpt, no rp (TAGUE OK)
LV del Junco, 6075, date only cd in 23d air for 2 IRCs, SS rpt (TAGUE OK)
..A well-adjusted person is one who makes the same mistake twice without getting nervous..

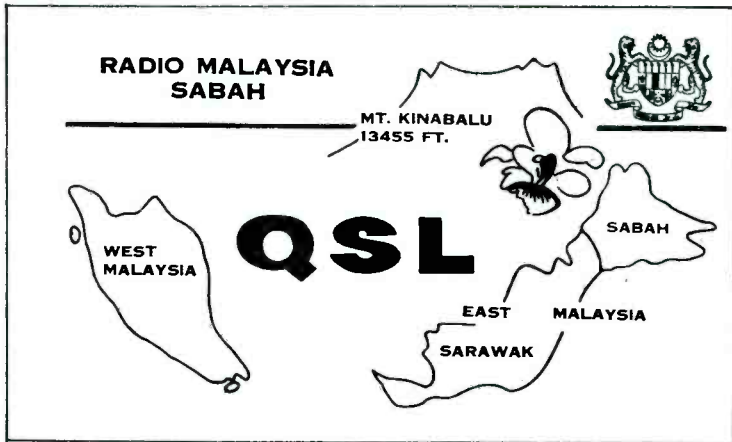
NETHERLANDS ANTILLES: R. Nederland Relay, 6165, f/d Eddie Startz Memorial cd in 20d air (IMBERT NM), f/d "Harry van Gelder" cd in 26d air, no rp (MILLER CA), same in 13d air for 1 IRC (BETHGE MO)(GHENO PA), same in 15d air for 1 IRC (UNSIGNED), f/d cd of Tom Meyer and his dog in 29d air, no rp (STONE ONT); 9715, same cd, no time (SMITH FL) TWR, 6190, f/d folder cd (see below) in 57d sfc, no rp (LINK CA); 11815, same cd in 66d sfc, no rp (LENTZ PA), same in 34d air for 1 IRC (RAYMOND NJ); 11925, same in 16d air for 1 IRC (LORDO SC)

Thanks to
George
Link



UNITED STATES: KGEI, 5980, f/d San Francisco scene cd in 18d sfc, no rp (LINK CA), same + pennant in 36d sfc, no rp (MILLER CA)
VOA, 17285, date only bicentennial stamps cd in 30d (STONE ONT)
WINB, 15355, f/d WINB QSL in 33d sfc for MS (MILLER CA)
WWV, 5000, f/d Arapahoe Chief cd in 10d sfc, no rp (DuRANT MD); 10000, same in 28d sfc, no rp (GHENO PA)
WYFR, 6155, ltr for monitor rpt (MILLER CA); 15130, f/d cd in 2 wks for MS (IMBERT NM)

Made it again. Sorry about all the illustrations piling up here at the end, but didn't know how much room I'd have. This one is from Satoshi Wakisaka. I have some more good ones that I'll save for future issues. Lot's of correct guesses on the language this month but no one had the correct translation. Gib Junqua was first



in with the language, so will be getting a bumper sticker (no car, so I guess he'll have to put it on the dog). Oh yes, language was Dutch, from "Map of the Netherlands" published by the Netherlands National Tourist Office. They translated it "Oncoming traffic".



Take a look at this one. Several reports from this country this month, tho I

strongly suspect the recipients of those QSLs listened to their EE bdcsts. (Can you blame them?). Noticed from the postmarks on the envelopes this month that your contributions were taking from 2-5 days from ECNA--most of them 4 or 5 days. QSLs are not classed as dated material, so I start typing on the 15th. Mail early and avoid the rush! 73's, *Bill* 2/16/77

ਮੇਰੇ ਕੋਲ, ਗੱਲੀ ਰੀਮਾਂ ਦੇ ਖਾਈਆਂ ਦੀ ਪਟੜੀ ਹੈ

Tips and Topics

The Feature Section of SPEEDX

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

VOICE OF AMERICA RELAY BASES - PART II

By Adrian M. Peterson

Mason Ohio

The relay base at Mason Ohio has also had a historic beginning, for it was in 1925 that Crossley established a 25 kw SW transmitter, with the call sign W8XAL. A few years later, another transmitter with the then powerhouse output of 250 kw was added. It will be remembered that the MW outlet, WLW was on the air for some years with 500 kw, the highest ever used in the USA.

By September 1939, there was only a 10 kw transmitter in use at W8XAL, and this was re-designated WLWU, and just as quickly again changed to WLWO. At the time, a CP had been issued for a 50 kw transmitter, and this went on the air in the early part of 1940.

In 1942 the Crossly Corporation base at Mason was incorporated into the general OWI-VOA programming, and in July, the following year, another 50 kw transmitter went on the air. This was a converted MW transmitter from KFAB, and it was designated as WLWK.

In the 1951 consolidation of callsigns, the 2 new transmitters became WLWO, and the original W8XAL transmitter was re-designated KQ2XAU.

Some time after VOA Bethany was developed, the VOA Mason relay base was retired from service, after more than 30 years of broadcasting. The call sign changes have been as follows:

W3XAL	WLWU	WLWO	KQ2XAU	
			WLWO	WLWO 1
			WLWK	WLWO 2

Bethany Ohio

Construction work at Bethany Ohio commenced in November 1942, at about the same time as OWI took over all SW outlets in the USA for VOA programming. The first transmitter at this location went on the air on July 1, 1944, leased to VOA by Crossley.

The first 3 transmitters were of 200 kw each, and were designated WLWL, WLWR, and WLWS. WLWI at lower power was added later. Three more transmitters were added and they were given the same letter calls as the original 3, but with the digit 2 appended.

Then in 1951 at the general callsign shuffle, all transmitters at Bethany were given the general WLWO call.

This relay base replaced the Bound Brook, and Mason SW stations.

In 1963, the base was handed over to the Federal Government, and a modernization plan was implemented. Currently VOA Bethany utilizes 10 transmitters, 3 of 175 kw and 3 of 250 kw for broadcasting; and 1 at 5 kw, 1 at 15 kw and 2 at 50 kw for communications purposes.

Bethany is used as a feeder to Europe and Africa, and as a broadcaster to Latin America.

The call sign changes have been as follows:

WLWL	WLWL 1	WLWO 1	WLWO	VOA
	WLWL 2	WLWO 2		
WLWR	WLWR 1	WLWO 3		
	WLWR 2	WLWO 4		
WLWS	WLWS 1	WLWO 5		
	WLWS 2	WLWO 6		
WLWI				

(This is the second of an eight part series devoted to the history of VOA relay stations. Adrian M. Peterson is Director of Adventist World Radio - Asia, and Producer of the SLBC DX program - "Radio Monitors International.")

PROGRAM REVIEW

By Steve Gelfand

"The Royal Canadian Air Farce: One Hundredth Show"
CBC Northern Shortwave Service, Saturday January 29, 1977, 1630 GMT

Credits

Produced by Pete Duncan
Written by Roger Abbott, Dave Brodfoot, Don Fogerson, Martin Bronstein and John Morgan
Starring Roger Abbott, Dave Brodfoot, Don Fogerson, Luba Voy, and Don Morgan
Sound effects by Alex Sheridan

For those who have never heard an "Air Farce" program it can best be described as a cross between "Monty Python" and the "Goon Show." That's the BBC's radio show of the fifties "Goon Show" not "The Gong Show." Although there are times when I'd like to give the "Air Farce" the old gong for some of their bad jokes.

The show is a half-hour of comedy sketches and topical satires which on a typical program range from sophomoric to hilarious. The "Air Farce" is basically intended for Canadian audiences and so much of the material will not click with a non-Canadian listener. The opening segment of the 100th show was a good example. The show was taped before a live audience in Toronto and began with a spoof of Toronto's "greatness" as a city. Lines like, "Toronto - a living city with Young Street as it's spine, City Hall as it's heart and the Provincial Legislature as it's nose" fare better with Canadian audiences. But when we are told that in Toronto in the fifties, a gourmet restaurant was the one that "served Heinz Ketchup," we see that the "Air Farce" has a broader appeal as well.

I enjoyed the "Stand-up Comedians Correspondence Course" pitch. A home study course which is even good for Psychiatrists ("Mr. Bagley, your kleptomaniacs cured! However, should you experience a relapse - I'd like a clock radio"). Also good were the "Congratulatory Telegrams" ("I never miss the 'Air Farce' - I never listen and I certainly don't miss it") and "Ask Amy", a "Dear Abby" takeoff.

An added attraction to the show is the weekly contest in which a dozen books are given as prizes. Usually eleven of the prizes go to Canadians with one awarded to an American or other participant, such as SPEEDXer Glenn Hauser who won a few weeks back.

"The Royal Canadian Air Farce" will not please everyone and may offend a few, but it is different and amusing enough for me to recommend it to all SWL's who are looking for an interesting and unusual program on the often staid and straight-laced shortwave bands.

A REBUTTAL: ANOTHER SWL SERVICE BITES THE DUST - FOR SOME. . . by R. E. Wilson
. . . The BBC is and has been refusing requests for the past two years to "London Calling." It is no secret that expenses are up all over the world.

Food for thought: Have I kept up my part in writing the BBC on their programs, good or bad. Have I sent in anything to the World Radio Club? By

the way, do you belong? It's free you know. When new frequencies are made during seasonal changes, do I contribute reports? For those of us that can answer yes to these questions, copies of "London Calling" will still be arriving free.

I think the BBC deserves what is only right, whatever it may be. Justice has to stand. They are right in cutting off new requests for schedules and in weeding out dead weight from their mailing list. This had to be done, unless we want the BBC to go the way of RCI, when we all went down the drain. Here, at least, their quality programming is being preserved for "us."

(This response is in reply to an article which appeared last month by Greg Caliri. Further opinions on this or any other subject is welcomed by me. asg)

|||||

SOVIET RADIO SIGNALS CAUSE DISRUPTION OF COMMUNICATIONS. . .Ottawa, Feb. 2 - The Soviet Union for seven months has been sending out powerful radio signals that have disrupted communications at various times throughout the world, the operations director of the Canadian government's communications department said today.

Disciples of the late Nikola Tesla, a pioneer in the field of high-tension electricity and radio, believe the signals are part of a Soviet attempt to apply Dr. Tesla's theory that electrical energy can be transmitted without wires by using the earth as a conductor.

W. W. Scott, the communications department official whose branch has been monitoring the Soviet signals, said the experiments prompted protests from Canada, Great Britain, the United States and Scandinavian countries, which were particularly affected. The Soviets cut back the experiments.

Mr. Scott said the signals were first picked up in Canada in July, when they were broadcast almost round-the-clock on frequencies used for such purposes as ship-to-shore and aircraft communications, satellite information and by ham radio operators.

The Soviet signal was smothering other signals and rendering them useless, he said.

After the protests, the Soviets started emitting the signals in 10-second bursts, making it more difficult to try to figure out their purpose, Mr. Scott continued.

He reported one signal picked up by a Canadian monitoring station went around the world in a very short time, "or as some of the Tesla fans would say, 'It went through the center of the earth.' "

Dr. Tesla set up a "magnifying transmitter" in northern Quebec in the 1930's and used it to power a laboratory about 100 miles away.

He believed that his machine could be developed to send electric power anywhere in the world at the speed of light, with up to 15 percent less energy loss than present systems of transmission, and without costly networks of wires and transmitters.

(This article was submitted by William Arnold and is from the Associated Pr.)

|||||

CONFISCATE PIRATE SHIP EQUIPMENT. . .Rotterdam - Dutch police officials have confiscated the transmission equipment of former Dutch pirate radio station Veronica. The equipment was aboard the ship Angela in the harbor of Ridderkerk, near Rotterdam.

The confiscation, said to be "a precaution," was ordered by public prosecutor J.M.C. Pieters, of Amsterdam.

The ship was previously called Mebo-I and was the supply ship of former Dutch pirate station Radio Noordzee, which broadcast from the Mebo-2. The Noordzee transmission equipment was put under seal by Dutch authorities two years ago.

Owners of both ships are Erwin Meister and Edwin Bollier from Switzerland. Recently they said they had sold Mebo-2 to an unnamed African country (Billboard Nov. 13). But according to the public prosecutor the confiscation of the Veronica equipment was the result of strong rumors that Meister and Bollier intended helping Sylvain Tack, Belgian owner of pirate radio station Mi Amigo.

(Via Bill Coleman, Jr. From Billboard Magazine, February 5, 1977.)

|||||

ONE VOICE? . . . Fusion of all international and overseas broadcasting services underwritten by the US government (Voice of America, Radio Free Europe/Radio Liberty) may become a live issue when the new Carter administration shakes down to that level of concern. Involved would be roughly \$120 million in funding, divided about equally between the VOA and RFE/PL. Entailed would be transfer of VOA from United States Information Agency, with latter, less broadcasting, becoming function of State Department. (Career diplomat, Hohn E. Reinhardt, is slated for USIA directorship.)

In the past, move of any USIA functions to State has been opposed on grounds of loss of independence and credibility. Presumably action will come after President Carter, if so minded, names a new chairman of the Board of International Broadcasting to succeed David M. Abshire, Republican. BIB now oversees RFE and RL and aspires to embrace all external broadcast operations.

(Via Bill Coleman, Jr. from Broadcasting Magazine, February 7, 1977.)

|||||

SOVIET SUPERPOWER. . . . Contrary to published reports that the Soviets are experimenting with energy transmissions by shortwave, it's now more than surmised that the Russians for months have been experimenting with super-power carriers in megawatt (million watts) multiples for possible shortwave radio bombardment of the eastern portion of the North American continent from the Arctic to the Caribbean. Multiple transmitters with total output exceeding 2 megawatts, are being beamed by massive antenna arrays to cover the area from Canada's more densely populated eastern region through most of the US from Chicago east and into Caribbean land areas.

Latest reports last week from Ottawa was that Russian carrier emissions had prompted protests from Canada, the US, Great Britain and the Scandinavian countries, but the USSR, as usual, was mum. Highest shortwave broadcast power now used is 600 kw by the Russians and perhaps the Dutch and Chinese. The VOA uses 500 kw.

(Via Bill Coleman, Jr. from Broadcasting Magazine, February 7, 1977.)

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ABIE NATHAN SAILS TO SUEZ AND IS HELD BY EGYPTIANS. . . . The floating pirate radio station of Abie Nathan, the Israeli peace activist, docked off the Suez canal's northern entrance today and was immediately put under guard while Egypt decides whether it will be allowed to go through the canal.

Suez Canal Authority and police sources said that Mr. Nathan's 500-ton "Peace Ship" arrived outside the harbor of Port Said at 0515 GMT and was being held there "under the supervision of the naval base and harbor police."

It was Mr. Nathan's sixth attempt to sail through the canal in a peace demonstration. He was turned back on all previous occasions, the latest in September 1975.

(Via the New York Times, January 1, 1977.)

|||||

It's time to wrap-up another column, another month. Don't forget, March is the month when most international broadcasters will alter frequencies and/or times due to the seasonal change in propagation. Therefore, keep an eye out and report all to, of course, SPEEDX.

I remain, Best Wishes and 73's in 77 *Arthur S. Getzel* Arthur S. Getzel

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*1 CURTIS, BOB	VT	3 McLAUGHLIN, PETER	DE	*2 TRUBE, BILL	HI
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*1 DAWSON, ARCH	CA	*3 MIKLEJEWSKI, S.	MN	4 UMDXC	MAN
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4 DENNIS, AMEL	IN	1 MILLER, SCOTT	MA	1 VOKES, ROBERT	TX
5 DONLY, BOB	SC	5 MILLER, BILL	CA	2 WAKISAKA, S.	JAPAN
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*2 DULMAGE, WILLIAM	ONT	4 NAYLOR, SPENCE	CA	*5 WATTS, GREG	IN
5 DUTKOWSKI, DON	B.C	1 NEBRON, LARRY	CA	5 WILLIS, FRED	PA
5 EARHART, KEN	PA	1 NEWELL, COLIN	B.C	1 WILSON, BOB	AZ
5 FAMULARO, RALPH	NJ	*6 NOVELLO, JAY	NY	7 WIRRELL, BOB	MA
4 FISCHER, JOHN	PA	1 ODHNER, JULIAN	PA	2 WOLTMAN, FRANK	WI
3 FOWLER, GARY	ONT	3 OHLIVER, WAYNE	NH	1 WOOD, RICHARD	NY
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4 GARNER, JOHN	ONT	1 ONKEN, JOHN	IL	5 YAJKO, BOB	PA
*2 GAUVREAU, JEAN	QUE	4 ORR, TONY	CO	5 YOUNG, JAMES	CA
2 GEORGE, CHAS.	TX	*7 PEGENKA, JOE	IN	4 ZILMER, BOB	WI
1 GELFAND, STEVE	NY	2 PERRY, COLIN	QUE	2 ZIMAROWSKI, M.	CA
				3 ZINK, GEORGE	CA

* Credits missed last month are included herewith. A big welcome to 16 first time reporters, and an equal welcome to 167 reporters. That tops all shortwave club participation, we love you. The new reporters are: Richard Bigelow, Josh Blumenfeld, Mark Burnett, Robert Donly, Charles George, John Hathaway, Kevin Hobson, David Jones, George Link, David Lubitsch, Michael Maghakian, Peter McLaughlin, Gregg Raymond, Chris Sebastian, Barry Tague, and Edward Tilbury, our only member in Alaska.

Thanks for keeping me apprised of you rigs, but again I did not have the space to include them. You may be interested in knowing that this month there were 20 SPR-4s and 16 FRG-7s. The two rigs are running close to neck and neck. Hope to see all of you next month.

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