

SPEEDY

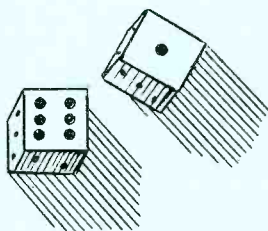
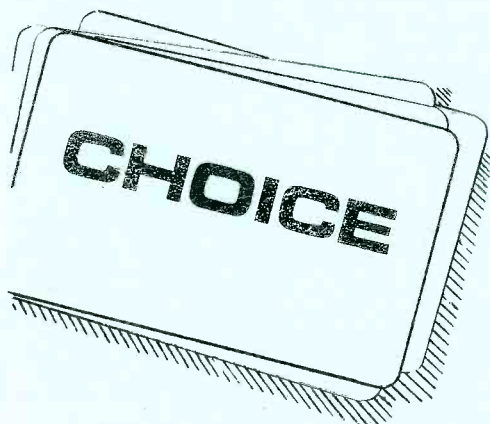
SPEEDX

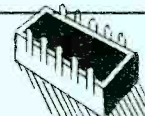
the dx radio magazine
for active shortwave listeners

RULES

1. any SWL'er can pla

					
ation	SENSITIVITY	stability	SELECTIVITY	image reject	spurs



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'DX AUSTRALIA' NEW, HOT DX CLUB 'DOWN UNDER'

A healthy "new-born" has joined the family of DX/SWL Clubs, with the birth of DX Australia. Made up of a small, but enthusiastic, group of DXers, it already has put forth its first issue of "DXers Calling" and a copy has reached this Editor's desk. Starting out as a 16-pager, this interesting publication lists objectives akin to those of SPEEDX. Under "Radio Activity" it gives "hot" DX news by country; its "Beverage" section offers MW information and listings; its QSL news is headed "Out of the Box": comments and letters from members are listed as "Musings"; and "Onda Corta" is the headline for SW listings by frequency. All in all, a top-notch 1st edition. But don't trust this Editor -- send an IRC for a sample copy to: DX Australia, P.O. Box 80, Forest Hills Centre, Victoria, AUSTRALIA 3131 and see for yourself! Tell 'em you read about it in SPEEDX.

NEW RADIO CLUB FOR 'GOLDEN AGERS' OPEN TO ALL

Thanks to R. Hesch (NY) for news of a new U.S. radio club which welcomes both SWL/DXers and Hams, the Senior Citizens Amateur Radio Society, or SCARS. If you're 50 or older, your lifetime dues are only \$15.00. From cradle to 50, your annual dues are \$10.00. (If you're over 50 and really chicken, we presume you could opt for the ten buck deal -- but not us!) Members get "Mike 'n' Key", every other month, an 8"x11" Membership Certificate, free Classified Ad space, an SWL program, and voting rights. Membership is free to handicapped amateurs. Founder and President is George A. Greenwood. For further info, send a 4"x9 1/2" SASE to SCARS, 449 Old '76 Rd., Brooktondale, NY 14817. "SCARS", now ain't that appropriate!

A DX CLUB ON CASSETTE? WELL, JUST COULD BE

Phillip M. Dampier is seeking fellow DXers who would be interested in working with him to start a SW.FM/MW DX Club on cassette. Those interested should write him at Cassette Club, 3176 Elmwood Ave., Rochester, NY 14618, U.S.A. Foreign DXers are especially welcome.

TWO NICE PEOPLE SEEK PEN-PALS

William P. Stevens, a 47-year-old shut-in, is looking for a pen-pal from the USA or Canada. He's interested in SW and other radio listening, playing postal chess, and listening to or reading about sporting events. If you share these interests, drop him a line at 514 N. 2nd St., Jeannette, PA 15644. A report comes from Woodson Smith of Knoxville that he has a friend in Sweden whose little brother (age 14) wants an American pen-pal. Interested? Write to: Pär-Anders Karlsson, Vintergatan 9, Vilsharad, S-305 90 Halmstad, SWEDEN. (Know only EE? Bet it works!)

ANOTHER SOURCE OF OLDER TUBES (AKA 'VALVES')

Fala Electronics writes that it, too, can supply older tubes for SW receivers. Include an SASE when you write to B. A. Zarski, Fala Electronics, P.O. Box 04134, Milwaukee, WI 53204, U.S.A., stating your needs.

WNEC 12 SEEKS VIDEOTAPED SHOWS ON SW RADIO

SPEEDXER Mike Leonard asks if anyone knows of any shows pertaining to SW radio, or the like, available for airing on cablevision. WNEC 12 prefers programming in the 3/4 inch videotape format but might accept 1/2" format, depending on its video quality. Sorry but no filmed shows, unless dubbed onto tape. If you know of such a show, send info to New England Cablevision, c/o WNEC channel 12, 838 Main St., Westbrook, ME 04092, Attn. Mike Leonard. Don't hold back -- it's a good way to promote our hobby.

EDITORS CRY A LOT - SOMETIMES WITH REASON

Oftentimes there isn't enough room in KEYNOTES to print all the material offered. If it's worthwhile, we save it for later use--but if you don't put a date on it, we're not sure how old it is when room is available, especially if you don't send it directly to KEYNOTES. So date it, please. Secondly: if your address needs to be printed in a story or an ad, be sure that the Editor can read it. If you can't type it, please print it plainly. And finally: this Editor refuses to print any "cheep shots" or other derogatory material about rivals in various competing Clubs. If that's your bag, crayon it on toilet paper, hang it on your wall, and be satisfied to read and re-read it yourself. All SPEEDX Editors work "for free" and we've too much to do to waste our time on petty, personal trivia.

1983 WRTH AT REDUCED PRICE TO SPEEDXERS - For details write to Donald Erickson, Century Print Shop, 6059 Essex St., Riverside, CA 92504-1599. Canadians to SWL Horizons, c/o Don Moman. Both with SASE. 73, 20

Radio
 LA VOZ DE MACUMA
 HCGM
 4870 MHZ. 60 METROS ONDA CORTA
 Rio
 Amazonas

QSL
 SHOWCASE

October 4, 1973
 William S Sparks

Thanks to: Bill Sparks, John Mosman,
 Dave Clarke, and Bill
 Cleveland



JUAN PABLO MORI



TARAPOTO - PERU - 18-00

Sr. DAVE CLARKE- Oshawa, Onta
 Acuso recibo su Carta del 7-
 por demorar la respuesta.-
 Gracias por su buena carta,
 Radio Tropical de Tarapoto e
 mes son correctos; Ud. nos si
 las 11 de la noche, a esa ho
 Gracias por los Sellos de co
 como por su mini banderín.-
 mos algunos sellos Peruanos
 Emisora esperando sean de su
 Esperando venga Ud. al Perú d
 ravillas que ver, me es muy

Juan Pablo Mori

JUAN PABLO MORI
 GERENTE - PROPIETARIO

TRANSMITIENDO GRATAS NUEVAS ALEGRES
 Telling the Good News Abroad

From
 GUATEMALA
 "Beautiful land
 of the Quetzal"

Frequencies:
 730 khz
 5,955 khz
 9,505 khz
 100,8 mhz



Facts:

The Quetzal is the national emblem of Guatemala. This bird seldom survives in captivity, hence, symbol of liberty.

"If the Son (Christ) there-
 fore shall make you free,
 ye shall be free indeed".

John 8:36.

PROGRAM

OCTOBER 1982

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

PANORAMA

CONTEST...Just a reminder that October 15 is the deadline for the current Program Panorama contest. Details of the contest appeared in last month's column. There's still time for you to enter the contest!

ABC Radio

AUSTRALIA...The new Radio Australia schedule is hot off the RA press. It is in the form of a poster honoring the XII Commonwealth Games to be held in Brisbane September 30-October 9. RA is planning extensive coverage of this athletic event(s) which is conducted every four years...SPECTRUM with Dick Speakman is heard on the 1st, 3rd and 5th Sundays of each month at 0612, 0810, 1612, 2112 GMT, as well as the following Monday at 0330 GMT. (Direct)



BULGARIA...SPEEDXer David Sharp of FL sends along the new English schedule from Radio Sofia. The only change from the schedule which appeared in the August Program Panorama is that CULTURAL OUTLOOK can be heard on the 1st and 3rd Tuesdays of each month. Thanks David!

ECUADOR..."I like HCJB because the station has so many different kinds of programs. There is anything and everything that you'd ever want to listen to." (Wayne Koehler, IL) DX PARTY LINE can be heard to North America on Mon and Sat nights (in target area) at 0230 and 0630 GMT. Host of the program is Roger Stubbe. Clayton and Helen Howard are back in Quito, but it appears that they will not resume hosting the program. However, Clayton will probably appear on DXPL periodically. (Kraig Krist, VA, HCJB and WS)

ITALY...RAI broadcasts a daily English broadcast to North America from 0700 to 0120 GMT. NEWS takes up the 1st 15 minutes of each transmission, followed by: Mon NO PARKING Tue LIGHT MUSIC Wed WINDOW ON THE BAY Thu LIGHT MUSIC Fri LIGHT MUSIC Sat CONTRAST IN MUSIC Sun TUNES FOR WHISTLING. They publish a colorful program booklet four times a year. It's available free of charge by writing to RAI. (Ruth Hesch, NY & Kraig Krist, VA)

NETHERLANDS ANTILLES...Here's a revised lineup for Trans World Radio's English transmission at 1115-1320 GMT on Saturday: 1115 MORNING SOUNDS FOR KIDS 1130 WORLD NEWS 1135 SOUNDS OF THE TIMES 1145 CHAPEL OF THE AIR 1200 BACK TO THE BIBLE YOUTH BROADCAST 1230 CHILDRENS' BIBLE HOUR 1300 A VISIT WITH MRS. G. 1315 WORLD NEWS, THOUGHT FOR TODAY, SIGN OFF. Frequency is 11815 kHz. The lineup for the other days of the week was listed in last month's Program Panorama. (Don McCants, AL & Sam Forbes, TX)

PAKISTAN...Radio Pakistan broadcasts a Slow Speed News Bulletin in English daily for 15 minutes at the following times: 0230, 1100 and 1600 GMT in the 13, 16 and 19 meter bands. They also broadcast a World Service at the following times: 0045-0230, 0445-0700, 0715-1100, 1330-1600 and 1645-1915 GMT in the 13, 16 and 19 meter bands (except that the 1645 GMT World Service relay is to the UK on 9870 and 11670 kHz). A variety of programming is featured on the World Service. (Thanks to Chris Stark, NB for this schedule.) Any SPEEDXer who has received a schedule from Radio Pakistan showing the times for specific English programs from the station is encouraged to send it in to Program Panorama. All contributions are appreciated.



PUBLICATIONS...Review of International Broadcasting, Glenn Hauser, Box 6287, Knoxville, TN 37914 is an excellent publication spotlighting shortwave programming. For a sample copy, send \$1.25 in North America or \$2.00 (8 IRCs also accepted) elsewhere to the address listed above. If you enjoy shortwave programs, you'll enjoy reading RIB each month.

SPAIN...Thanks to SPEEDXer Rob Harrington of CO, we now have an English program schedule for REE to North America. The programs are broadcast for one hour beginning at the following times: 0000, 0100 and 0530 GMT on 9630 and 11880 kHz. The programs begin each day with 2 minutes of NEWS HEADLINES and PROGRAM PRESENTATION, followed by Mon to Fri (target area day) by PANORAMA. NEWS is heard thirty minutes into the program, followed by SPAIN IN THE EIGHTIES and SPANISH COURSE. On Sat, you can hear GRASS ROOTS and PRESS REVIEW prior to the NEWS. After the NEWS, you can hear SPORTS ROUNDUP and GETTING TO KNOW SPAIN. Sun features THE WORLD OF SPANISH MUSIC, RADIO CLUB AMERICA, HIGHLIGHTS OF THE WEEK, NEWS BULLETIN, SPORTS ROUNDUP and DX PROGRAM. The station provides some good music.

TURKEY...The Voice of Turkey broadcasts a one-hour English transmission daily beginning at 1200, 1330, 2030 and 2200 GMT. Feature programs which can be heard are: Mon THE WORLD WE LIVE IN, A EUROPEAN IN TURKEY; Tue TURKISH PANORAMA, CULTURE AND ART; Wed LETTERBOX, OLDIES BUT GOODIES; Thu A CHANGING TURKEY IN A CHANGING WORLD, TURKISH MUSIC WITH EXPLANATIONS; Fri WELCOME TO ANATOLIA, A TURKISH TALE, LYRICS; Sat NEWS-REEL, DX CORNER; Sun ISTANBUL, TURKEY AND HER INTERNATIONAL RELATIONS. (John Demmitt, PA & Wilder A. Pickard, II, IL)

UNITED KINGDOM...(Roger N. Peterson, CT) "Is WAVEGUIDE the new BBC DX program? This program has, until now, been used simply to give listeners the best frequencies to hear the BBC. Starting in October, however, the program will be extended from five minutes to ten to enable them to cover other radio stations as well. You can hear WAVEGUIDE on Mon at 0915, Tue at 0100 and Wed at 0430 and 1735 GMT." ...THE FIRST 50 YEARS--THE EVOLUTION OF THE WORLD SERVICE is a new series which traces the BBC's from 1932 to the present. Tune in Mon 0315, 1415, Thu 1015, Fri 2145 GMT...FOCUS ON INDIA looks at images of the country from films. It can be heard on the 17th at 1830, the 18th at 1345 and the 22nd at 0230 GMT...Many good musical programs are scheduled beginning this month. WHAT'S NEW features Peter Powell and the best of the new single releases on Sat 1015, Tue 0530, Wed 2115 GMT. FIESTA is the new series of Latin American music hosted by Dorita on Sat 0330, Tue 0830, Fri 0630 GMT. MUSIC FROM WALES is a new 13-part series on Wed 0215, 0945, Fri 0530. STAR PROFILE features Petula Clark, Tommy Steele, Cliff Richard and Paul McCartney in order this month Mon 0530, Sat 0815, Tue 2315 GMT. ..BOOK CHOICE can be heard Sat 0540, 1709 Mon 2225 GMT; a different program is heard Mon 1709, Wed 0440, 2225 GMT; a different program is also heard Fri 1740, 2225 GMT...PAPERBACK CHOICE is on Tue 0110, 2125, Wed 0740 GMT. (BBC London Calling, October 1982)

USA...WYFR has the following schedule to the Americas in English Mon to Fri on 9715 (all times GMT): 0005 FAMILY BIBLE STUDY 0035 INSIGHT 0055 NEWS 0105 OPEN FORUM(M,W,F) or UNSHACKLED and BIBLE QUIZ(T,Th) 0155 NEWS 0205 FAMILY BIBLE READING 0235 STORIES OF CHRISTIANS(M,W,F) or FAMILY BIBLE COUNSELING(T,Th) 0255 NEWS 0305 FAMILY BIBLE STUDY 0335 INSIGHT 0355 NEWS. (Lyle M. Taylor, AZ)...AFRTS has some interesting programs scheduled. THE SUBJECT IS YOUNG PEOPLE features Bob "Captain Kangaroo" Keeshan 1940-1945 GMT Mon-Fri, repeated 0040-0045. NPR's COMMUNIQUE, which deals with foreign affairs, is broadcast Sun 0230-0300 and 0730-0800 GMT. NBC's MEET THE PRESS can be heard Mon 0235-0300 GMT. NPR's ALL THINGS CONSIDERED is on Sat 2100-2220 GMT. CBC's THE LAW AND YOU can be heard Sat at 1417 and 1717 GMT. NATIONAL TOWN MEETING is on Sat 2035 and Sun 0135 GMT. (Don McCants, AL)...WINE broadcasts to Europe at 2000 GMT on 15185 kHz. Some programs of interest during this transmission are Sun 2200 TRADITIONAL LATIN MASS 2235 MAIL CALL; Mon through Fri 2200 THRU THE BIBLE. (Don McCants, AL & Marge Witte, CA) We'll have some additional information on WINE programs next month. (WS)

Due to an early deadline this month, some items, including those from CDE Peggy, did not arrive in time to be included in this column. Look for those items in next month's column. A reminder to send in your contest entries and contributions to Program Panorama! Until next month, Good Listening! *Windy* 9/15/82



TECHNICAL TOPICS

Editor

SANDY BLAIZE

AVC	SSB
AGC	LSB
GAIN	FADE
TUNER	NOISE
IMAGE	Smeter

Send Technical Questions & Technical Material To: ➡

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

SONY ICR-4800....A "mini" review... Now beginning to appear in retail outlets is the SONY ICR-4800, a real 'mini' AM-SW receiver! I saw the first one in this area at a large distributor, and bought one the next day.

It is less than half the size of the SONY ICF-7600 or PANASONIC RF-085, and comes in a neat 'wallet' style carrying case. (It looks all the world like a "shrunken" ICF-7600) The set tunes the "standard" BC band (.53-1.6 Mhz.) and 5 bandspread SW bands. (49, 31, 25, 19, and 16 meters) Note that there is NO FM band.

The controls are simple. The volume control is on the left side and main tuning control on the right side as in the ICF-7600. Three push buttons on the right side of the front panel switch the set "OFF", to "MW" and "SW" respectively. The "OFF" key can be locked in the off position to prevent the set being turned on accidentally. The 5 SW bands are selected by a multi-position slide switch on the top of the set. A pull-up antenna is provided but it only swings up and does not swivel, making it useless when the set is laid on a flat surface. The "wallet" case lid can be bent back to form a stand making the set more convenient to use. A wrist strap is attached to the side, not unlike a Kodak camera. A single LED serves as a coarse tuning indicator.

PERFORMANCE: At the outset, I must say some aspects were very good, but others were dismal. Tuning is VERY smooth and the tuning "rate" (khz./turn of the knob) is about right. The readability of the dial is good except for the logging scale, which is very hard to see. No dial illumination is provided which precludes its use in the dark.

SENSITIVITY (although not measured) is adequate for casual listening or SWling on the built-in whip, but not as good as the RF-085 used alongside.

SELECTIVITY (again not measured) adequate for such a small set. I could easily separate such "pairs" as the BBC on 6175 and R. Nederland on 6165.

POWER! is supplied by TWO "AA" pencils with claimed battery life of about 22 hours. No provision is made for use of a wall transformer.

OVERALL There was one big "minus"...my sample was full of images and spurious responses. Even the BBC on 6175, who has a smoking signal here at night, was plagued with heterodynes or "whistles". When one gets these spurs when tuning across a band, is somewhat less than desirable! Although, the effect is greatly reduced on the set's own whip antenna, images from radiotelegraph coastal stations on 25 meters are particularly pesky. Operation with any sort of a decent "outdoor" antenna system, makes the image situation improve. After I used mine for 2-3 hours at night my initial delight faded.

PRICE? List \$90. (Mine cost \$78 + tax) A bit steep for its performance. Would I recommend it? IF you need a TINY portable, with reservations. IF you can find one for \$50 or less, yes. I think you would do better for the same price with the PANASONIC RF-085 in spite of its "touchy tuning"! (I have since returned mine for a refund, by the way). My advice would be to investigate the SONY ICF-7600A when it becomes available. At less than twice the price, you will probably get 5 times the performance.

COMMENT: To all of you who wrote in about the CW receive program for the SINCLAIR ZX-81 computer. (I plan to announce software sources next month. (CW) Price of the cassette, program and diagram for hardware mods: about \$9.95. We are working on software for RTTY. Info will be forthcoming as soon as possible. The TIMEX-SINCLAIR 1000 (identical except for 2K RAM to the ZX-81) is now appearing on the shelves of retail outlets. Check your local TIMEX dealer. Until next month....Good DXing and 73!!

WRITTEN TO: C. NUNNERY, 313 VAUGHN, FT WORTH, TX 76104
RFB. 32548

Sandy

BOLIVIA -- (CONTINUED)

- 5974 1033 R. Nacional Cochabamba, long ad string, ID as "R. Nacional Cochabamba" by OM @1036, LAm ballads, more ads (fr; 8/16. Parks, FL)
6025 1027 R. Illimani, t1k by OM, mx, then ID by YL @1030 (333; 8/13. Sharp, FL)
6105 0300 R. Panamericana, Bolivian mx, flutes, yipping, whistling, some stomping. ID @0303 after familiar theme tune -- had to tune to low side due to awful QRM (322; 8/17. Jones, MS)

BRAZIL

- 3365 0228 R. Cultura Araraquara, U.S. & Brazilian pops, OM/YL anc, full ID @0259; apparent 0301* (333; 8/7. Wilczek, IL)
4765 0837 R. Nacional Cruzeiro do Sul, vocal mx, some anmts, ID by OM for "RadioBrás," (353; 8/28. Welch, MA)
4785 0145 R. Ribamar, sx report, ad string, full ID @0157, then into Brazilian pops (fr; 8/13. Parks, FL)
4855t 2315 R. Por Um Mundo Melhor, vocal/instrumental mx, some anmts, OM, hvy QRM (352; 8/25. Welch, MA)
4915 0929 R. Anhanguera, Brazilian songs, OM t1k, ID @0929 (343; 8/21. Tanaka, JAPAN)
4975 0105 R. Timbira, excited OM w/ sporting event, probably futbol. Several mentions of R. Timbira, UTE off air; (fr; 8/23. Parks, FL)
5026 0125 R. Jornal da Transamazônica, YL DJ w/ EZL instrumentals, Brazilian pops, ID as "R. Transamazônica" @0130, T-storm QRM but no QRM tinoght (fr; 8/8. Parks, FL)
6035 0902 R. Globo, mx, ID, ads, more nx (444; 8/24. Larry Van Horn, TX)
6045 2340 R. Clube Pernambuco, ad string for Curitiba businesses, Radio Clube jingle; Brazilian pops (gd; 8/13. Parks, FL)
6105 2250 Ceara Radio Clube, "A Voz de Brasil" px, ID by OM @2300 as "Radio Clube.... Fortaleza," Need USB to escape het on fqy; (pr/fr; 8/20. Parks, FL)
9665 0030 R. Nacional, transmission to rest of South America; had musical interval with short ID by OM between songs (322; 8/20. Avogaro, CA)
9675 0915 R. Marumby, religious mx & t1k by OM; ID as "R. Marumby, a força evangélica do Brasil," (333; 8/2. Avogaro, CA)(0900; 222; 8/14. Palmer, WA)
9695 0910 R. Rio Mar, various mx, OM DJ 2/ TCs, some PSAs, plenty of bird chirps, finally IDed 0951, some QSB (444; 8/20. Wilczek, IL)
11780 1045 R. Nacional da Amazônia, ID, vocal mx (444; 8/15. Welch, MA)
11805 2128 R. Globo, vocal mx, ads, ID (252; 8/6. Welch, MA)(0900; "O Globo no ar," nx, wx, mx, ads (444; 8/2. Avogaro, CA)(0000; no RAI on 11800 due to storm; 353; 9/7. Munster, GA)
11815 0835 R. Brasil Central, Brazilian country mx, full ID by OM, fade-out around 0850 GMT (333; 8/2. Avogaro, CA) Avogaro, CA)
11925 0010 R. Bandeirantes, OM w/ soccer px, heard to R. Portugal *0020; (333; 8/19. /
15125 1915 R. Nacional de Brasil, GG, opening ID, weather bulletin by OM/YL, then into mx, severe QRM from SSB transmissions, also much QRM (322; 8/23. Avogaro, CA)
15290 *0200 R. Nacional de Brasil, EE, opening ID, wx, nx, musical intervals, px on Brazilian scientists making diesel fuel from seaweed (Sounds like something the revenooers would like to see. ch)(545; 8/20. Avogaro, NY)(0210; this frequency will be shut down for technical repairs; 844; 8/26. Kerrigan, IL)(0230; 7/20. 555; Cox, LA)(0205; 444; 8/26. Greenbauer, AZ)(*0157; 555; 8/9. Seitner, VA)(0235; 443; 8/12. Beilke, MO)
15415 0015 R. Clube Ribeirão Preto, ID, frequencies used, jingles @ 0030 (343; 8/3. Robichaud, NB)(0150; religious px, ID, into Brazilian/U.S. pop mx around 0200; 333; 8/22. Avogaro, CA)
15445 *0802 R. Nacional da Amazônia, music program hosted by OM and "Chipmunk" announcer right after s/on ID (455; 8/21. Avogaro, CA)(0230; 544; 8/25. Stone, ON)
17830 0200 R. Brás, EE, OM/ID, fqys, mx (444; 8/4. Addison, KS)(*0200; mx from Bahia State; 544; 8/10. Harrell, IL)(0200; 454; 8/25. Thompson, NM)(0224; 444; 8/17. Gayle Van Horn, TX)(0235; acknowledged reception reports; 434; 8/14. Preston, CA)(0230; 333; 8/30. Sanderson, AZ)(*0200; songs by a Brazilian artist currently touring the Orient, nx; 444; 8/29. Krist, VA)

CHILE

- 6080 1033 R. Patagonia Chilena, 4-note chime IS, theme song about Patagonia, YL w/ SS ID, OM w/ EE ID, into "Primer programa," w/ OM host and lively LAm mx (333; 8/19. Wilczek, IL)
6150 0200 R. Nacional de Chile, bc of a soccer game between Argentina and Chile, still going @0300 (444; 8/15. Thompson, CA)
9550 1055 R. Nacional de Chile, pop mx, TC, ID, (343; 9/7. Jones, MS)(2251; "Baby Makes Her Blue Jeans Talk" (Is that a song??? I think we have just bettered the former all-time most disgusting song title: "Does Your Chewing Gum Lose Its Flavor on the Bedpost Overnight"; this was quite the hit when I was a tad in the '50s. ch); 344; 8/14. Sharp, FL)
9630 1050 R. Agricultura, ad for Banco de Chile, ID @1053, YL market prices (Is there a market for YLs in Chile? I presume she was reading them. ch)(322; 8/12. Wilczek, IL)

CHILE / -- (CONTINUED)

- 9750 1054 R. Minería, ID, ads, TC and into nx w/ excerpts from Reagan's tax speech (433; 8/17. Jones, MS)
 15140 0330 R. Nacional de Chile, quiet LAM vocals, OM ancr, occasional ad (444; 8/17. Wilkins, CO)(0140; songs by Presley and Stevie Wonder; 454; 8/2; Welch, MA)
 15150 0154 R. Nacional de Chile, LAM mx, ID @0200, nx, ads for Suzuki, "The Mark of Economy." Bolivian economic nx (444; 8/8. Tedfords, MI)

COLOMBIA /

- 4815 1040 R. Guatapurí, OM w/ local mx, several ICs and IDs (222; 8/30. Hotaling, NV)
 4875 0801 R. Super de Medellín, ID, 2 mins. fast, TC (tres tres), romantic LAM ballads (454; 8/25. Jones, MS)(0610; 434; 8/8. Leder, NJ)(0724; 555; 8/24. Larry Van Horn, TX)(0540; 343; 9/5. Reese, KS)(0611; 323; 8/25. Halbert, CA)
 4925 0130 Emisora Meridiana Setento, campesino mx, IDs @0130, 0200 by OM. At 0200, the ID mixed in with IDs for other net stations. T-storm QRN (fair; 8/30. Parks, FL)
 4945 0616 R. Colosal, usual mx plus QZL mx w/ voice-over. Net ID @0620 (434; 8/25. Halbert, CA)(0711; ID as "Neiva CARACOL," 554; 8/24. Larry Van Horn, TX)(0405; 443; 8/29. Speer, CA)(0455; ads for Banco de Bogotá, 453; 8/26. Moore, TX)
 4965 0432 R. Santa Fé, LAM mx, ID @0546; (332; 8/29. Speer, CA)
 5010 2345 R. Surcolombiana, discussion px w/ several OMs ended w/ playing of Taps. Chimes & ID by OM @2359. Strong but lots of QRN. (fr; 8/28. Parks, FL)(0416; romantic LAM ballads, chimes, ID; 342; 8/31. Jones, MS)(0228; 343; 8/29. Cucura, PA)
 5095 0105 R. Sutatenza, nx by OM, ads, ID, TC, etc. etc. (333; 8/22. G. Van Horn, TX)
 5955 1052 LV de los Centauros, LAM pops, many TCS, OM ID @1102 w/ the melody of R. Havana Cuba's IS. (333; 8/14. Tanaka, JAPAN) Parks, FL)
 6036 1050 R. Transamazonica, ID, TC, campo mx (353; 8/27. Jones, MS)(1025; fr; 8/26. /
 6065 0640 R. Super de Bogotá, LAM mx, TC @0641 w/ ID by OM. ID: "En R. Super de Bogotá, la una cuarenta y cinco mins." (444; 8/13. Palmer, WA)(0809; 333; 8/26. Tanaka, JAPAN)
 6105 1040 R. Visión -- ??? -- uses "cougar" growl for IS, mx, annts (353; 8/28. Don't get me wrong, but this has never been heard in NAM to my knowledge. Since R. Su Pantera Juvenil, XEQM, is on 6105, and it uses the panther growl as its trademark, my bets are on that being this station, not R. Visión. What do you think??? ch)
 6115 0525 LV del LLano, LAM mx, tc, ID (444; 8/14. Beilke, MO)(0642; 433; 8/25. Halbert, CA)(0650; "En la Internacional Voz del LLano, 8 mins. para los 2." 433; 8/13. Palmer, WA) 9/7. Jones, MS)
 6130 0522 R. Super de Cali, run of the mill LAM mx, ID, "Buenos Dias, Colombia." (353;/
 6150 0655 LV del Huila, mx, 3 IDs @0700 including one of fqy. (454; 8/17. D'Angelo, PA)
 11793 1018 R.dif. Nacional de Colombia, several readings, piano mx, OM ID @1057: "Desde Bogotá, transmite la Radiodifusora Nacional de Colombia, estacion HJND, 570 kHz... onda media." (333; 8/20. Tanaka, JAPAN)(1358; gd; 8/8. Parks, FL)(1148; 555; 8/24. G. Van Horn, TX)(0205; EE/Math lessons, 444; 8/3. Tedfords, MI)
 15333m 0259 R.dif. Nacional de Colombia, chimes, ID, classical mx px, discussions about Schubert, followed by mx (343; 9/2. Beilke, MO)

ECUADOR /

- 3252 1105 R. Triunfo, mx, ID: "R.emisora Triunfo," -- the music is derived from the shepherd's drum and whistle mx in northern Spain and is characteristic of many of the indigenous mx groups in Central and South America. It covers all sorts of themes, even religious. I don't know what it's called, but I often hear it live at the Mass of the Mariaches in the Cathedral in Cuernavaca (444; 8/14. Huffaker, MEX)
 3260 0258 R. Carrizal, LAM mx, TCS, "...en todo la pais," ID, fqy closer to 3261; (332; 8/8. Huffaker, Mexico)
 3325 0405 R.dif. Ondas Quevedeñas, LAM mx, 0425* w/ NA, Anchr: "Jose Antonio Montoya Leyano," (354; 8/23. Marin, FL)
 3380 0220 R. Iris, Andean mx, ID, more mx (543; 8/24. G. Van Horn, TX)
 3395 0358 R. Zaracay, ID @0408, 0417, otherwise nonstop dance mx in varied tempos, including old LAM standards (one of the best px that I've heard on 90 meters) (444; 8/8. Huffaker, MEXICO)
 4656 0235 CRE, bc of a soccer game, excited ancr and fans (444; 8/19. Thompson, NM)
 4680 0330 R. Nacional Espejo, lively LAM mx, clear IDs (433; 8/21. Stone, ON)
 4795 0113 LV de los Caras, OM w/ tlk, lively Ecuadorian mx, OM ID @0138 (333; 8/29. Cucura, PA)(0258; young girl w/ EE ID: "You are listening to The Voice of the Caras" then back to SS, first EE hrd on this station; 343; 8/22. Jones, MS)
 4799.7 0645 R. Popular, folkloricos of the Andes region, slow, almost classical-sounding ballads, flutes, bird calls, etc. 0645-0815, on all night, frequency down from 4801. IDs @0800, 0815. Usual "boxy" sounding audio, best signal after 0800 (9/4. Walcutt, NY)(0620; 222; 8/13. Palmer, WA)(0530; 352; 8/12. Moore, TX)(0620; 344; 8/8. Wilczek, IL)
 4851.2 0333 R. Luz y Vida, unmistakable Ecuadorian mx, 0339 ID by OM (8/31. Walcutt, NY)
 4890 0220 R. Centinela del Sur, LAM ballads, ad string w. ID @0225 by OM. Mushy audio, Lux off air (fr; 8/4. Parks, FL)
 4910 0502 Em. Gran Colombia, OM w/ nx, Noticiero RCN, (353; 8/20. Marin, FL)(4910.7, 0414-0600*, carrier on all night, (9/4. Walcutt, NY)

ECUADOR -- (CONTINUED)

- 4920 0433 R. Quito, 0457* (453; 8/10. Moore, TX)(0300; ID @0301, mx; ad for "The Rockford Files" on Teleamazonas, ID: "Transmite R. Quito, LV de la Capital, 760 kHz onda media, 4920 kHz onda corta," 454; 8/27. Stephany, NY)(0210; 444; 8/39. Thompson, NM)(4920.4; Banco Popular ad by child; fantastic reception (8/31 Walcutt, NY)
- 5025 0506* R. Splendit, continuous mx, mostly pop, ID, fgys, and very short NA & off (453; 9/4. Jones, MS)(0338; ID: Escuchen R. Splendit en Cuenca, 1265 kHz onda larga, 5025 kHz onda corta, la emisora primera ecuatoriana en la República del Ecuador en Sudamerica," gd; 8/9. Parks, FL) Leonard, ME)
- 6095 0629 HCJB, EE, ID followed by Quiz Time, much adjacent channel QRM (444; 8/13. / 9745 0230 HCJB, EE, OM ID, cmt, pop mx (444; 8/24. Addison, KS)(0230; SPEEDX Report; 433; 8/7. Harnell, IL)(0250; 333; 8/10. Harvey, PQ)
- 11810 0630 HCJB, EE, (the details are somewhat hard to read on this logging, so I can't transcribe them. ch)(344; 8/23. Miller, CA)
- 11835 0506 HCJB, Nordic language, OM w/ clear ID, classical mx, other Nordic songs (454; 8/17. Traver, CA)
- 11915 0530 HCJB, EE, Passport, YL cmt on culture conflict, OM interview with missionary and folk music composer, (434; 9/3. Preston, CA)
- 15115 1430 HCJB, EE, OM w/ Bible study px (242; 9/6. Reese, KS)(0230; exc; 8/15. Kobylski, MD)(0230; 544; 8/15. Hill, SC)(0230; DXPL, 444; 8/24. Taylor, ??)(0038; 444; 8/11. Ulmer, LA)(0254; 555; 8/17. G. Van Horn, TX)(0220; DXPL; 454; 8/10. Thompson, NM)(0300; 333; 8/4. McKinney, PA)
- 15180 0125 HCJB, EE, "Back to the Bible," (444; 8/2. Addison, KS)
- 15290 0710 HCJB, EE, Back to God Hour, ID, 0730* (433; 8/8. deKiewit, HOLLAND)
- 17745 2245 HCJB, Japanese, YL ancw w/ EE gospel mx, brief religious tlc, ID/TC @2300, into PP to Brazil (443; 8/10. Thompson, CA)
- 17890 1501 HCJB, EE, nx report on plane crash in Ecuador (444; 9/2. Grenier, CA)(0100; Today in Review, 555; 8/17. Addison, KS)(0132; 454; 8/17. Lentz, WI)(0121; 343; 8/11. Taylor, MO)(0129; "Over To You," 433; 8/29. Leonard, ME)(0050; 444; 8/3. Hill, SC)(0132; 353; 9/1. Krist, VA)
- 21477.5 1830 HCJB, GG, ID, religious px by OM (444; 9/8. deKiewit, Holland)(2130; 253; 8/16. Hesch, NY)
- 26020 2130 HCJB, EE, ID @2130, DXPL (242; 8/23. Taylor, MO)

FRENCH GUIANA -- FR3

- 3385 0300* FF, real Sat.-night hoe-down (Guiana-style). Think px called "Afrique Tropicale." Really getting with it. S/off, LM, guitar IS, tone on carrier to 0303; (443; 8/22. Jones, MS)(2355; pr; 8/12. Parks, FL)(0038; song by Claude François, "Rien qu'une larme dans tes yeux." (0105*; 343; 8/31. Robichaud, NB)(0859; 444; 8/14. Sharp, FL)

GUYANA -- GBC

- 5950 0716 "This is the Regional Service of the GBC, Channel 2." in EE, Hindu mx, "Welcome to your favorite morning show." (9/4. Walcutt, NY)(0729; pr; 8/27; Kobylski, MD)(0925; "Guyana Broadcasting Corporation Channel Two." 454; 8/19. Cucura, PA)(0826; 445; 8/24. L. Van Horn, TX)(0735; 333; 8/20. Ross, ON)

PARAGUAY -- R. Nacional de Paraguay

- 11915 0115 OM w/ ads, ID (a terrible HET!) (323; 8/20. G. Van Horn, TX)(2340; typical local mx to 0000, ID @2345, 2350, then mx in EE, elevator-style "I Could Have Danced All Night," "America" from West Side Story; 433; 8/8. Halbert, CA)(2330; "Industria y Comercio Informa," Mondays only; 333; 8/30. Robichaud, NB)(0331; cmt on election, political ads and Paraguayan mx, heavy het after 0355; 322; 7/8. Tate, WV)(0143; 433; 8/3. Tedfords, MI)(0033; 454; 8/6. Welch, MA)

PERU

- 4790 R. Atlántida, folklorica, OM tlc, ID @1003 (333; 8/17. Tanaka, JAPAN)(0400; cmt between mx selections which almost sounded like poetry, 433; 8/21. Stone, ON)(0338; 353; 8/22. Marin, FL)(0437; 332; 8/29. Speer, CA)
- 4810 0907 R. San Martín, caught ID by OM @tune in, then into LAM pops, splatter from Guatapurí, (fr; 8/29. Parks, FL)(1048; 343; 8/19. Jones, MS)
- 4935t 1059 R. Tropical, no ID heard, many ads, one for Fresca, several mentions of Tarapoto, some Peruvian mx between ads and during talk, (433; 8/19. Jones, MS)
- 4950 0134 R. Madre de Dios, classical mx until 0136, then notices for people in the back country, no ID as such, but request to contact "esta emisora, Madre de Dios," (343; 8/17. Huffaker, MEXICO)
- 5035 1049 R. Imagen, OM tlc, OM ID @1049 (232; 8/27. Tanaka, JAPAN)(0355; usual LAM pops w/ some rock, ID by OM @0900, ad string, gd; 8/29. Parks, FL)
- 5045 0359* R. Rioja, mixture of LAM pop mx, various types -- a few w/ Peruvian sound; many IDs, NA, s/off @0359; (443; 8/22. Jones, MS)(0314; 0353*; 253; 8/24. Marin, FL)(0300; no IDs, just TCs, finally canned echo ID by OM @0330, s/off; 343; 8/11. Stephany, NY)

NO ROOM TO FINISH PERU HERE. The 2001 is quite the receiver, isn't it??

PERU / -- (CONTINUED)

- 5112 0315 R. Eco, several IDs, some with echo effect, talk, sx (343; 8/22. Jones, MS) (0024; 322; 8/16. Cucura, PA)(0200; 222; 8/7. Harvey, PQ) MEXICO)
- 6020 0550 R. Victoria, tropical mx, OM DJ, full ID and NA @0600* (434; 8/8. Huffaker, /
- 6115 1008 R. Unión, px for "campo y ciudad," (town and country), LLano not on (353; 8/15. Jones, MS)(1120; 322; 8/9. Hotaling, NV)
- 6189 1039 R. Oriente, ID, TC, pop mx, earlier than usual 1100 s/on, fine signal (444; 9/8. Jones, MS)(*1100; f/o 1110; QRM from Mexico 6185; 333; 8/9. Wilkins, CO)
- 6195 0941 R. Cusco, various Peruvian mx, OM ID @0953, TCs, T-storm crashes made reception difficult (pr; 8/6. Wilczek, IL)
- 6727 0435* R. Satelite, caught him at closing anmts, pretty sure of ID, short version of OA NA and off (252; 8/31. Jones, MS)(0210; ID @0235; 322; 8/14. Sharp, FL)
- 9562 0330 R. Nacional de Perú, laid-back EZL mx, mostly tangos, a few ads, ID and TC every now and then; when I tuned back @0500 had full ID at news time (353; 9/7. Jones, MS)
- 9675 1125 R. del Pacifico, ID, religious px, fading fast (343; 8/27. Jones, MS)
- 9756 1057 R. Programas, many IDs, jingles, couple of singing IDs, ads, time pips at 1100, then rapid decline and shortly gone. WRTH lists R. Sideral on 9755. Anrc said: "R. Programas, todo en el Perú." Network? (Probably, Jack -- but the WRTH, so prolific with listings of Colombian networks that encompass only one station, has no hint of any Peruvian net. If anyone knows anything about Peruvian nets, would appreciate a line and some info. ch)(333; 8/17. Jones, MS)(But later, Jack says, "R. Sideral, 1057, several IDs and TCs, "en los estudios de R. Sideral," no mention of R. Programas as heard previously; 342; 8/27. Jones, MS)(However, it would still be nice to know more about Peruvian nets, in any case. ch)

SURINAM / -- R. Apintie

- 4996 0247 Dutch, EZL mx, rare talk by OM, ID @0300 (322; 8/15. Sharp, FL)

URUGUAY

- 11835 1052 R. El Espectador, mx, wx, ads by YL and 2 OMs; ID as "CX14, El Espectador, la emisora uruguaya de alcance mundial (the Uruguayan station with a worldwide reach)," heard well 'til Haiti *1059. (433; 8/13. Avogaro, CA)
- 11885 2331 SODRE, tk by OM, ID, chamber mx, ID in EE by YL, severe QRM made copy unpleasant; (222; 8/15. Sharp, FL)

VENEZUELA

- 3225 0324 R. Occidente, LAm ballads, TC, ID (333; 8/8. Huffaker, MEXICO)
- 3255 0209 R. 980, short!!! ancmr, ID @0226, LAm pop, some U.S. mx, ID @0259 "R. 980... primer...Venezuela," Rumbos chimes heard later (This station usually IDs as 'LV de El Tigre' (not LV del Tigre as the WRTH wrongly has it). ch)(332; 8/29. Davidson, SC)
- 3275 0228 R. Mara, typical LAm mx & vocals, ID, ads, have not heard this one in quite a while (343; 8/21. Jones, MS)(0305; 343; 8/25. Thompson, NM)(0248; ad for Chevy, 333; 8/29. Cucura, PA)(1002; 433; 8/25. Wilczek, IL)(1020; 222; 8/30. Hotaling, NV)(0015; ad string for Maracaibo businesses; gd; 8/28. Parks, FL)(0115; 422; 8/29 Davidson, SC)(0335; 0350*; 333; 8/8. Huffaker, MEXICO) Harvey, PQ)
- 4770 0105 R. Mundial Bolivar, fast talk by OM w/ SS/EE pop mx, ID @0107 (433; 8/7. /
- 4800 0350* R. Lara, mx, s/off, NA (322; 8/31. Speer, CA)(0342; 0354*; 433; 8/25. G. Van Horn, TX)(0200; 343; 8/17. Thompson, NM)
- 4830 0048 R. Tachira, YV mx w/ OM DJ and occasion IDs between selections. QRM from UTE on 4828 and Reloj on 4832, but strong signal (fair; 8/4. Parks, FL)(0332; 333; 8/26. Wilkins, CO)(2350; ID: "R. Tachira, la estación de amor," @2355; 343; 8/12. Robichaud, NB)(0903; ID: "Esta es R. Tachira, la emisora mas popular de los Andes venezolanos," LAm mx, OM anrc, Reloj QRM; 433; 8/4. Wilczek, IL)(0020; 333; 8/19. Cucura, PA)(0140; 422; 9/1. Stone, ON)(0225; drama, ads; 333; 8/13. Huffaker, MEX)
- 4860 0510 R. Maracaibo, variety of LAm "Ritmos," nearly all "música de alegre," ID: "R. Maracaibo para música venezolano," (422; 8/14. Palmer, WA)(0613; 333; 8/25. Kerrigan, IL)(0431; 453; 8/14. Moore, TX)(*1000, 333; 8/23. Wilkins, CO)(0451; 411; 8/29. Speer, CA)(0605; 323; 8/25. Halbert, CA)(0700; 333; 8/23. Miller, CA)(0855; 454; 8/26. Welch, MA)(0630-0800+; "R. Maracaibo primer en sintonia," 9/4. Walcutt, NY)(0934; co-channel QRM w/ USSR; 333; 8/28. Tanaka, JAPAN)
- 4900 0102 R. Juventud, mx w/ anmts by OM (333; 8/29. Berkholtz, MN)
- 4940 0316 R. Yaracuy, pop mx, elaborate ID and promo (322; 9/2. Speer, CA)(0200; 343; 8/13. Thompson, NM)(0957; B.D. Venezuela; 332; 8/27. Tanaka, JAPAN)
- 4970 0456* R. Rumbos, mx, ID, s/off (433; 8/31. Speer, CA)(0451; 323; 9/2. Halbert, CA)(0145; some sort of ballgame; 444; 8/15. Thompson, NM)(0237; irritating doorbell between every sentence. I wish that thing would break or something. 455; 8/13. Sharp, FL)
- 4980 0301 Ecos del Torbes, EE/SS, EE ID, then usual programming (443; 8/10. Jones, MS)
- 4990 0304 R. Barquisimeto, OM w/ mx program called "exitos musicales," (Musical Hits) (454; 8/22. Marin, FL)(1040; 322; 8/28. Hotaling, NV)(0204; 444; 8/24. L. Van Horn, TX)(0210; 444; 8/19. Thompson, NM)

WILL BE GOING TO BLACK ROCK TOMORROW. WILL IT BE A BAD DAY AT ... ??? HOPE NOT!!!

VENEZUELA -- (CONTINUED)

L Van Horn, TX)

- 5030 0925 R. Contiente, melody-type instrumental mx, ID weak and noisy (544; 8/24. /
 9530 1102 R. Nacional de Venezuela, mx, fqy, ID, OM/YL, heard after AFRTS s/off. QRMED
 by VOA s/on on 9525 @1127 (354; 8/14. Welch, MA)
 9660 1559 R. Rumbos, t1k by OM, time pips at 1600, TC as "mediodia," into NA (much long-
 er than at s/off), into more talk (322; 8/15. Sharp, FL)(2340; Jose Feliciano mx,
 433; 8/22. G. Van Horn, TX)(1021; "R. Rumbos, emisor a servicia al República
 Venezuela," 444; 9/6. Leeman, RI)(2307; 444; 8/19. Harvey, PQ)

NORTH AND CENTRAL AMERICAANTIGUA

- 6040 0125 DW, EE, Swiss mx, travelogue, talk concerning German influence in the Alps;
 (444; 8/16. Demmitt, PA)(0100; nx followed by "Arts on the Air," 544; 8/30.
 Leonard, ME)(0140; Swiss Grand Prix; 555; 8/31. Coleman, MA)(0135, government
 waste at a canal, 0149*; 444; 8/26. Krist, VA)
 6175 0235 BBC, EE, px about British-American intelligence in WW II, (444; 8/12.
 McCants, AL)(0055; 533; 8/30. Leonard, ME)(0003; 544; 9/1. Krist, VA)(0106;
 333; 8/23. Halbert, CA)
 11775 1126 BBC, EE, Nx About Britain, a look at the British Empire Service of the BBC
 35 years ago on R. Nkreeel; (353; 8/28. Krist, VA)(1100;454;9/7.McCants,AL)
 15105 *1157 DW, GG, IS, ID @1159 as Caribbean Relay, nx (545; 8/29. Seitner, VA)
 15410 0000 DW, GG, nx (444; 8/15. Berkholtz, MN)

BELIZE -- R. Belize

- 3285 0213 EE, BBC px, UTE QRM (433; 8/24. L. Van Horn, TX)

CANADA

- 5960 0006 RCI, EE, SWLD, ANARC '83 will be held in Washington, DC. SPEEDX celebrity
 Kap Kapos spoke, gh on harmonics (544; 8/16. Demmitt, PA)(0300; 343; 8/2.
 Robichaud, NB)(0106; 554; 8/1. Hesch, NY)(0110; 444; 8/27. Krist, VA)
 6005 1340 CFCX, Montréal, EE, call in show, 790-0747 for your comments; talking about
 cost of hospitals and other financial matters (433; 8/30. Leonard, ME)
 6030 0813 CFVP, Calgary, EE, time check for 2:13, Elvis Presley mx, killed @0846
 by AFRTS (222, 8/25. Schulsinger, OH)
 6065 1200 CBCNQSWS, EE, nx talks on PLO, Canadian nx (555; 8/5. Duguay, MA)
 6070 1336 CFRX, Toronto, EE, wx followed by ad for some snowball lottery, followed
 by ID and mx (333; 8/30. Leonard, ME)(1245; 333; 8/16. Harrell, IL)
 6130 1342 CHNX, Halifax, EE, sx, ad for Jeeps, Chevy Cavalier, Bic pens, ID finally
 at 1350 (444; 8/30. Lenoard, ME)(1150; 353; 8/29. D'Angelo, PA)
 6140 0628 RCI, EE, end of nx, into FF @0628; (444; 8/23. Halbert, CA)
 6160 0645 CKZU, Vancouver, EE, Mozart mx, 0700 CBC nx, detailed wx and marine forecast,
 CBC ID (353; 8/25. Famularo, CA)
 6195 0358 CBCNQSWS, EE, world nx by OM, eqys, then sports nx (444; 8/25. G. Van Horn, TX)
 9510 1200 BBC, EE, talk of game fishing w/ Sandy Wood, reviews of books (555; 7/28.
 Duguay, MA)(1200; 433; 8/11. Harrell, IL)(1215; comedy skit on a ho-hum Sunday
 at home. 555; 8/14. Demmitt, PA)(*1059; 454; 8/28. Krist, VA)
 9535 0225 RCI, EE, satire on Canadian navy (444; 8/7. Harrell, IL)
 9625 1350 CBCNQSWS, talk on bread, flour, Latin or Greek dramatic play (545; 8/16.
 Leder, NJ)(1330; Sunday Morning, discussion on labor unions, EE/FF language law
 (It's Greek to me)(I can't say that, my college major is Latin and Greek. ch)(555;
 8/15. Demmitt, PA)(2145; interesting nx from Frobisher Bay (NWT), red flour
 beetles in latest food deliveries (Oh, come on -- it's protein, isn't it??? ch)
 and they've already had snow showers; 434; 8/30. Drollinger, WI)
 9755 0200 RCI, EE, nx (555; 8/25. Addison, KS)(2300; As It Happens, 444; 8/9.
 Harrell, IL)(0200; px on American Indian impostor (Is that an American Indian who
 is posing as something else, or is that a person who is posing as an American Indian-
 q? Come on, give us the full story!!! hi! ch); 544; 9/3. Duncan, NC)(0000;
 544; 8/8. Hammer, MN)(2303; 333; 8/26. Sanderson, AZ)(2300; 555; 8/30. Krist, VA)
 11825 0650 RCI, EE, OM t1k on French Canadians, YL w/ stock market report, mixing with
 Tahiti (323; 8/20. Ross, ON)
 15150 2155 RCI, African Service, EE, talk on and about microcomputers, (444; 9/6.
 Picarelli, CA)
 15325 0405 RCI, EE, SWLD (vg; 8/15. Kobylski, MD)(2018; 444; 8/22. Berkholtz, MN)
 (*2129; item on sea cables (I was a little disappointed in SWLD for running this
 thing on sea cables. My goodness, even a verbatim transcription of the speeches
 at the ANARC Convention Banquet would have been better. hi! ch)(544; 8/28. Krist, VA)
 17785 1816 RCI, Hungarian, movie review (Reds?? ch)(333; 8/15. Berkholtz, MN)
 17820 1835 RCI, EE, Canada This Week; (344; 8/21. Addison, KS)(1646; 555; 8/22. Gayle
 Van Horn, TX)(1645; 555; 8/3. Schroeder, WI)(1515; 434; 8/29. Drollinger, WI)
 21695 1755 RCI, GG, mailbag, mx, (232; 8/15. Berkholtz, MN)

COSTA RICA

- 4832 0437 R. Reloj, mx, then ID by OM, (444; 8/15. Sharp, FL)(0622; 444; 8/9. Ross, ON)
 (0455; 323; 8/23. G. Van Horn, TX)(0604;333;8/25.Halbert, CA)

COSTA RICA / -- (CONTINUED)

- 5055 0448 Faro del Caribe, TIFC, religious mx, (333; 8/20. Miller, CA)(0300; 423; 8/24. Lentz, WI)(0312; 322; 8/31. Greenbauer, AZ)
- 6006 0614 R. Reloj, TC to the second, OM ancr IDs as "R. Reloj," YL IDs as "R. Popular." het from 6005 but for once really "on top" (433; 8/13. Palmer, WA)(0806; 444; 8/13. Harvey, PQ)(0629; 334; 8/25. Halbert, CA)
- 6075 1125 R. Rumbo, OM, several TCs, ID, campesino mx (222; 8/30. Hotaling, NV)

CUBA

- 6060 0514 RHC, OM, many mentions of U.S. and Cuba (433; 8/31. Traver, CA)
- 9525 0727 RHC, EE, program "Musical QSL" @0728, some QRN (434; 8/25. Halbert, CA)
- 9550 1809 RHC, nx, sx, (444; 8/13. Ulmer, LA)(0050; sx event, 322; 8/12. Palmer, WA)
- 9600 1212 RM, EE, mailbag, w/ the cost of a subway ride in Moscow, (555; 8/29. Grishin, ON)(0018; 444; 8/20. G. Van Horn, TX)
- 11725 0207 RHC, EE, LAm songs, Socialism in the New World (555; 8/7. Hill, SC)(0150; 433; 8/9. Harrell, IL)
- 11760 0457 RHC, EE, describing Havana's seawall (222; 8/17. Traver, CA)(1415; 242; 9/6. Reese, KS)
- 11840 1330 RM, EE, nx headlines, px of pop mx from the Soviet Union, very bassy sound; (544; 8/28. Grishin, ON)(1620; 544; 8/3. Schroeder, WI)
- 11930 0100 RHC, EE, nx, talks, mx @0130 GMT (433; 8/2. Duguay, MA)(0150; question about smeg in Havana (Those cigars are pretty smoky, come to think of it. ch)(444; 7/26. Grishin, ON)(0115; 444; 8/16. Addison, KS)(0120; 444; 8/20. G. Van Horn, TX)(0435; 434; 8/17. Leonard, ME)(0200; 555; 8/24. Hill, SC)(0217; 444; 7/24. Tedfords, MI)
- 17710 1800 RHC, EE/SS, EE to 1800, then into SS; (423; 8/16. Chituck, ITALY)
- 17750 2135 RHC, EE, OM ID, world nx (333; 8/23. Addison, KS)

GRENADA -- Radio Free Grenada

- 15045 2300 EE, 2300 OM nx and cmt, mostly pro-PLO and anti-USA; 2318 steel drum mx, 2320 OM tlk about Grenadan agriculture exhibition (132; 9/3. Preston, CA)(2317; ad for job applications at the Youth Employment Office, 353; 8/16. Stephany, NY)(0021; 0032*; 333; 8/15. Wilkins, CO)(2308; 242; 9/5. Beilke, MO)(2330; 333; 8/16. Lentz, WI)(2345; 454; 8/13. Thompson, NM)(2150; everything echoed; 333; 8/13. Sharp, FL)

GUATEMALA

- 3380 0200 R. Chortis, ID, marimba mx, vocals (333; 8/10. Thompson, NM)

HAITI

- 6155 0929 R. Citadelle, French Creole, band/symphony mx, one or two anmts w/ terrible echo chamber effect, "Normal" ID @1002 followed by "Happy Birthday" tune and into EZL mx. Stronger than when on 6156 some years back (433; 8/15. Jones, MS)(2335; 333; 8/13. Sharp, FL)(1230; gd; 8/20. Parks, FL)
- 9770 1201 4VEH, EE, nx by OM, then marine wx from 1211-5, into religious px, over R. Australia (333; 8/15. Sharp, FL)
- 11835 1010 4VEH, religious mx, ID and anmts by OM (242; 8/15. Welch, MA)(1247; 333; 8/17. Lentz, WI)(1217; Glad Tidings px, 444; 8/31. McCants, AL)(2314; "New England Firebrand," "Children's Bible Hour"; 233; 8/12. Tedfords, MI)(1050; 333; 8/15. Speer, CA)

HONDURAS

- 4820 0410 HRVC, La Voz Evangélica, EE, OM sermonizing, severe QRN (432; 8/23. Famularo, CA)(0304; 222; 8/20. G. Van Horn, TX)
- 4890 0150 R. Lux, HRVL, orchestral mx, OM talks, ID, piano mx (444; 8/29. Thompson, NM)
- 6000 0310-0402* UNID, "Desde Tegucigalpa---Cadena Seta" (or ceta) "RC Uno," also mentions of San Pedro Sula. Slick px, many ads, TC, LAm/U.S. pop mx. fast talking ancr and QRM VOA 5995, hence no ID. Thought once heard "Radiopolis" and "Bardiale" NA after closing anmts, mentioned 49m SW, maybe old R. Swan xmitter?? (312; 8/31. Jones, MS)

MEXICO

- 6105 1129 XEQM, Su Pantera Juvenil (See also R. Visión (sic) under Colombia. ch); usual growls, snarls, ID by YL, calls by OM. This station seems to have increased power (443; 8/14. Jones, MS)
- 6115 2130 R. Univ. de Sonora, piano mx, orchestral mx, vocals, YL ancr (454; 8/16. Thompson, NM)(0037; 333; 8/22. Famularo, CA)(1519; 443; 8/21. Thompson, CA)
- 9515 0413 LV de América Latina, EZL mx, ads, ID "XEW, LV de América Latina," (343; 9/7 Jones, MS)(2130; 343; 8/24. L. Van Horn, TX)
- 11770 2350 R. México Internacional, OM/ ID, then talk by a YL (322; 9/6. Reese, KS)
- 15430 0305 R. México Internacional, EE, ID, This Week in Mexico, (333; 8/22. Harrell, IL)(0107; 433; 8/20. G. Van Horn, TX)(0236; 333; 8/9. Wilkins, CO)

NETHERLANDS ANTILLES fqys reported this month: 6165(0250);TWR 9560(0725);RN 9590(0230); RN 9715(0552);TWR 9755(0400);TWR 11815(1150);RN 21685(2103); sorry not enough room to run all reports.

NICARAGUA /

- 5950 0500 LV de Nicaragua, ID, ads, nx on CAm, world nx, talk on Roots (545; 8/25.Gvan Horn, TX)(0450; 434; 9/2. Leder, NJ)(0436; 433; 8/11. Greenbauer, AZ)(0320; 334; 8/20. Miller, CA)(0552; 333; 8/11. Kobylski, MD)(0427; 454; 8/31. Traver, CA)+3
- 6120 1150 R. Zinica, ID, TC, tangos, no mention of "Radio Sandino," (353; 9/5.Jones,MS)
- 6120 1128 R. Sandino, ranchera mx, several IDs as R. Sandino, no mention of "Radio Zinica" (443; 8/31. Jones, MS)

Most of the clandestines are not terribly interesting this month, ditto for the "pirates." I understand that a pirate station took my name, address, and phone number in vain last month. Be warned that beginning next month, no more "pirate" loggings will be printed in W/H. Be warned also that I will personally never verify or acknowledge any reports directed to me as a result of stations using my name without my permission. This means you, D.C.! Interestingly enough, I received no calls or letters as a result of the prank.

UNITED STATES OF AMERICA / -- A non-representative sample of reports for space reasons.

- 5985 0330 VOFC via WYFR, EE, three painting styles of China (434; 8/2. Robichaud, NB) (0300; reasons why ROC cannot make peace with PROC; 555; 8/16. Demmitt, PA)(0300; "Mushrooming Taiwan"; 534; 8/26. Leder, NJ)
- 6130 0107 VOA, EE, new products and horizons, water filter that will last a lifetime, birth control "do-it-yourself" in order to solve hospital overcrowding (Do-it-yourself should solve that problem, especially in Maternity. ch)(555; 8/16. Demmitt, PA)
- 6185 0351 WRNO, EE, WWL sx net, Saints vx. Vikings (554; 9/4. Jones, MS)
- 9615 0646 KGEI, LA, Am mx without interruption, followed by ID @0659, then nx by OM (353; 8/24. D'Angelo, PA)
- 9705 0225 WRNO, EE, amnt on QSLs and DX reports, mx by REO Speedwagon, (444; 8/7. S. Harvey, PQ)(0103; "Don't You Want Me?"; 444; 8/12. Ulmer, LA)
- 11740 0715 UN Radio, nx in Greek, Hebrew, Turkish, FF, EE, Swahili, Somali, Portuguese, EE Magazine px (433; 8/28. Greenbauer, AZ)
- 11855 2330 WRNO, EE, IDs, rock mx, orchestra and vocals, ads for T-shirts, (I'm wearing my WRNO T-shirt as I type this column. You huskies out there -- the XL size is a good fit, not like the R. Sweden T-shirt, where XXL is the only large size to get. ch)(454; 8/14. Thompson, NM)(0027; 444; 8/7. Berkholtz, MN)
- 15120 1907 UN Radio, EE, The Week At The UN (Ho-Hum. ch) (444; 7/23. Tate, WV)
- 15185 2010 WINE, EE, freq. listing -- AM stations, time of bc (must be a pay-for-play preacher's station list. ch)(333; 8/22. Berkholtz, MN)
- 15280 2130 KGEI, EE, open, ID as Voice of Friendship, Hour of Decision, SS @2200/QRM de R.Brás (322; 8/1. Tedfords, MI)(2200; 333; 9/6. Picarelli, CA)
- 15355 0130 KGEI, full ID, instrumental mx (332; 9/3. Beilke, MO)
- 15365 2205 WYFR, EE, open forum and mailbag (444; 8/7. Taylor, MO)
- 15420 1803 WRNO, EE, ID, into Superman mx, audio breaks (454; 8/13. Ulmer, LA)(1900; EE, repeat of Sunday World of Radio; 555; 8/2. Hammer, MN)
- 17705 2017 WRNO, EE, "Keep the Fire Burning," ID, "867-5309/Jenny" (What is that # and who is Jenny?? ch)(554; 8/13. Ulmer, LA)
- 17730 1740 WINE, EE, "Jewish Voices" bc; (444; 8/3. Robichaud, NB)
- 17775 2057 WRNO, EE, ID, mx (332; 8/10. Taylor, MO)(2235; 444; 8/28. Zolla, CA)
- 21615 2145 WYFR, EE, Dr. Henry Morris III preaching, ID, address (454; 8/21. Famularo, CA)

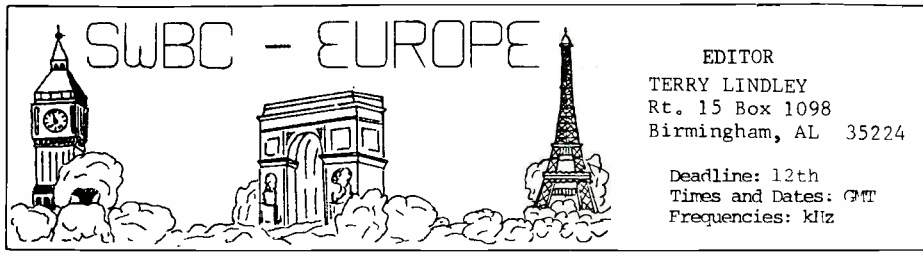
I'd like to thank all my reporters this month -- you overwhelmed me with loggings. I had to cut about 100 U.S. loggings, for space reasons, of course.

I'd like to appeal to the members for a volunteer for an important position: Projects Coordinator. The person who fills this position has to have one talent above all -- punctuality. No procrastinator could possibly keep up with the requirements of the job. The Projects Coordinator will coordinate (obviously) various projects SPEEDX has produced in the past and wishes to produce again in the future -- the SUG, BTPs (if you remember Basic Information Pamphlets, you're a veteran SPEEDXer indeed!), and anything else his or her heart desires. Typing is not a must (there are many typists around) -- however, time is a must. No students are encouraged to apply unless they are soon graduating. The perks of being a SPEEDX staff member are obvious -- you'll be working with one of the best groups of people around in the DX hobby (oh yes, free SPEEDX membership is included). Anybody who thinks that they are qualified and suitable should write me a letter stating their qualifications. The observant will have noted that the Projects Coordinator line on the back cover of SPEEDX has been blank for the past many months. If you think your name belongs there, write me. The Board thanks you.

Well, I've got to get to bed now, since I have to start off for Black Rock early tomorrow morning. Arkie has stopped bothering the new feline arrival (and is she relieved!). See you next month, and good night, Joe George, wherever in Georgia you are!!!

*Arkie Blackie
Chris*

73's from Arkie, Blackie, and Chris



It seems as if the DX season is upon us. I have a flood of loggings. The USSR loggings are 3/4" thick pressed together, and all other countries are also heavy. Before anymore lines click by here's Albania.

- A L B A N I A R.Tirana R.Gjirokaster
- 5020 0325 RG: ??-AA sounding mx followed by YL w/annc.(333 7/29 Harvey-QUE)(Dampier-NY)
 - 7065 *0000 RT: EE-AL mx, wld nx, cmtry.(444 8/29 Krist-VA)(Sable-NY)
 - 7120 0130 RT: EE-talk on working class people in ALB.(322 8/4 McKinney-PA)(Harrell-IL)(Dampier-NY)(Ulmer-LA)
 - 7300 0333 RT: EE-OM w/nx pgm, mx, cmtry on handicrafts.(433 8/4 Leder-NJ)(Carlson-WA)(Welch-MA)(Beilke-MO)
 - 9485 1633 RT: EE-NX about schooling in Albania.(544 8/18 Pimblett-UK)
 - 9500 0459 RT: FF-IS, anthem, ID, nx pgm.(444 8/19 Palmer-WA)(Wilkins-CO)
 - 9784 0158 RT: AL-IS, ID, anthem, & nx.(433 8/24 Wilkins-CO)
 - 11985 0702 RT: EE-YL w/nx in EE, ID, talk on India.(333 Ross-ONT)

- A U S T R I A Osterreichischer Rundfunk
- 5945 0058 ORF: GG/EE-German to 0130, EE to 0200.(423 8/19 Leder-NJ)
 - 9770 0148 ORF: EE-Interview w/film producer.(333 8/10 IL)(McKinney-PA)(Lentz-WI)(Dampier-NY)(Fraser-MA)(Krist-VA)(Ulmer-LA)(Leder-NJ)
 - 12015 0430 ORF: EE-SW Panarama w/talk on two propagation path reception.(433 8/15 Halbert-CA)(Preston-CA)
 - 15185 1850 ORF: EE-YL w/talk on bottlr return law.(333 8/31 Audette-MA)
 - 15560 1840 ORF: EE-Nx, & talk on the United Nations.(555 8/16 Chituck-Ita)
 - 17595 0030 ORF: EE-Nx, & talks on Mailbag pgm.(222 8/3 Dampier-NY)
 - 17880 1232 ORF: EE-OM w/report on "Austria & the U.N."(433 8/4 Hesch-NY)

- B E L G I U M Belgische Radio en Televisie
- 11695 0030 BRT: EE-"Outlook" & "Cultural Report" w/mx, cmtry, & address.(344 8/25 Manning-TX)(Smith-FL)(Miller-CA)(Thompson-NM) + 9
 - 17595 1820 BRT: EE-YL reading a Flemish newspaper.(232 8/31 Audette-MA)(Berkholtz-MN)(Gayle Van Horn-TX)

- B U L G A R I A R.Sofia
- 9700 2230 RS: EE-IS, ID, freqs.(333 8/29 Beilke-MO)(Grishin-ONT)(Fraser)
 - 11750 0417 RS: EE-the Midweek Mailbag pgm.(444 8/13 Ulmer-LA)(Gayle Van Horn)
 - 15110 2002 RS: GG-Nx, talk on French visit to Sofia.(333 8/22 Berkholtz-MN)(deKiewit-Holland)(Robichaud-NB)
 - 15135 2130 RS: EE-talks.(555 8/13 Dampier-NY) Details? tml.....
 - 17835 2120 RS: EE-YL w/pgm of folk mx.(232 8/14 Audette-MA)(Robichaud) +4

- C Z E C H O S L O V A K I A R.Prague
- 5930 0125 RP: EE-OM w/talk on Czech & Slovak mx.(444 8/31 Coleman-MA)(Pimblett-UK)
 - 7345 0300 RP: EE-IS, ID, freqs.(333 8/12 Miller-CA)(Grishin-ONT)(Fraser-MA)(Robichaud-NB)
 - 9630 0320 RP: EE-talk on testing of new transmitters.(422 8/8 Smolinski-MD)(Beilke-MO)(Robichaud-NB)
 - 11990 0330 RP: EE-Culture & mx pgm, Mailbag.(455 8/28 Hill-SC)(Cox-LA)

- D E N M A R K R.Denark
- 15165 0000 RD: DD-ID in Danish & English.(433 9/2 Duncan-NC)(Fraser-MA)

- F I N L A N D R.Finland
- 15400 1330 RF: EE-the Northern Report w/nx, talk on a singer.(343 8/2 the Tedfords-MI)(Ross-ONT)
 - 17800 1305 RF: EE-Talk on migration in Finland.(433 McClain-CA)(Harrell-IL)(Lentz-WI)

F R A N C E R.France Intl
 11705 0448 RFI: FF-OM w/rock & roll mx.(333 8/17 Traver-CA)(Gayle Van Horn TX)
 11730 0453 RFI: FF-OM w/ID & mx pgm.(333 8/17 Traver-CA)
 11790 0640 RFI: FF-YL w/nx & mx pgms.(433 8/18 Ulmer-LA)
 11800 0500 RFI: FF-OM w/ID & Mx.(433 8/17 Traver-CA)
 15200t 0620 RFI: FF-Rock mx pgm.(343 8/14 Palmer-WA)(Tanaka-Japan)
 15300 1910 RFI: FF-a request mx show.(343 8/1 Robichaud-NB)
 17620 1640 RFI: EE-OM w/ID, mx, & wld nx.(222 8/18 Addison-KS)
 21525 1603 RFI: EE-"PCA" OM w/Afr nx pgm.(322 8/28 Audette-MA)
 21580 1603 RFI: EE-OM w/nx pgm on "PCA"(353 8/28 Hesch-NY)
 21620 1600 RFI: EE-"PCA" w/nx, mx.(344 8/22 Harrell-IL)

D E M O C R A T I C R E P U B L I C G E R M A N Y R.Berlin Intl
 9560 0230 RBI: EE-IS, nx pgm & cmtry.(333 8/4 Dampier-NY)
 9620 0025 RBI: SS-Spanish mx pgm, ID, nx pgm.(444 8/22 Gayle Van Horn-TX)
 9730 1200 RBI: EE-Nx pgm, ID, & mx.(423 8/8 de Kiewit-Holland)
 11840 0230 RBI: EE-Nx, cmtry on war.(433 8/5 Krist-VA)
 11975 2315 RBI: EE-Nat anthem, nx pgm.(444 8/8 Harvey-QUE)(the Tedfords-MI)(Krist-VA)(Harrell-IL)
 15240 1200 RBI: EE-YL & OM w/nx and cmtry.(353 8/28 Welch-MA)
 21645 1310 RBI: EE-YL w/talks, ID, freqs.(242 8/19 Lentz-WI)(Krist-VA)
 21515 1717 RBI: EE-Talk on nuclear disarmament.(333 8/14 Thompson-CA)(Greenbauer-AZ)(Grijalva-AZ)

G E R M A N F E D E R A L R E P U B L I C Deutsche Welle
 3995 0052 DW: GG-OM & YL w/ID, Mx & singing.(533 8/3 Hesch-NY)(Olson-MD)(Pimblett-UK)(Dampier-NY)
 6040 0113 DW: EE-Mailbag pgm, talk on Ger./Sov. relations.(444 9/6 Venckus-IL)(Harrell-IL)(Addison-KS)
 6085 0100 DW: EE-Nx pgm on "Germany Today"(333 8/4 McKinney-PA)
 6145 0115 DW: EE-OM & YL w/talk on NATO war strategy.(333 8/19 Halbert-CA)
 7265 0409 SD: GG-Mx pgm w/OM.(434 8/16 Stephany-NY)(Harvey-QUE)(D'Angelo)
 9545 0500 DW: EE-OM w/nx pgm, & jazz mx pgm.(454 9/1 Preston-CA)(Ulmer-LA)
 9565 0145 DW: EE-YL w/ID, cmtry, & mx.(333 8/13 Addison-KS)
 9690 0500 DW: EE-Mx pgm, nx, & more mx.(434 8/15 Dampier-NY)
 9735 0353 DW: GG-the New Wave mx pgm.(544 8/15 Ulmer-LA)
 11760 0458 RL: RR-Nx pgm, talk on Sov. pipeline.(412 8/5 Dampier-NY)
 11785 0636 DW: GG-talk on sinking of the Lusitania.(433 8/18 Ulmer-LA)
 11795 2002 DW: GG-OM w/the wld nx.(544 8/28 Ulmer-LA)
 11810 2016 DW: GG-"Themen der Woche" mx pgm.(343 8/18 Ulmer-LA)
 11865 0145 DW: EE-YL w/ID, nx, & cmtry.(333 8/5 Addison-KS)
 11905 0535 DW: EE-YL w/pgm on Ger. amusement parks.(543 8/14 Palmer-WA)(Ulmer-LA)(Traver-CA)
 15110 2130 DW: RR-ID, wld nx.(333 9/6 Picarelli-CA)
 15135 1500 DW: EE-IS, ID, nx pgm.(323 8/28 Grenier-CA)
 15410 2310 DW: GG-OM w/ID, & opera mx.(444 8/12 Addison-KS)
 17795 2000 DW: EE-OM w/ID, wld nx in GG.(444 8/22 Addison-KS)
 17810 2013 DW: GG-the Press Review & ID.(444 8/13 Ulmer-LA)
 17885 2305 RL: RR-Nx & cmtry details on Polish crisis.(222 9/5 Sable-NY)
 21500 1920 DW: GG-Cmtry.(444 8/22 Berkholtz-MN)
 21560 1540 DW: GG-OM w/mx request pgm.(454 8/28 Hesch-NY)(Berkholtz-MN)
 21600 *1459 DW: EE-Nx, sports, report on chemicals used in farming.(454 8/28 Krist-VA)(Dampier-NY)

G R E E C E Voice of Greece
 9865 0335 VOG: EE-Gk mx, ID, nx pgm.(344 9/2 Preston-CA)(Grishin-ONT)(Addison-KS)(Sable-NY)(Harrell-IL)
 11645 0510 VOG: GK-Mx pgm, & nx.(343 9/9 Munster-GA)
 12045 0110 VOG: GK-Mx pgm, ID at 0114.(444 8/6 Robichaud-NB)
 15040 1857 R.Macedonia: GK-Nx on Iran-Iraq war.(444 8/18 Pimblett-UK)(Harvey-QUE)
 15050 2100 RM: GK-IS, OM w/talks, IS again.(322 9/5 Schulsinger-OH)(Wilkins-CO)(Sharp-FL)
 15054 2045 RM: GK-OM w/talk, pop mx pgm.(333 8/6 Harver-QUE)
 15595 0136 VOG: EE-wld nx pgm, OM w/ID, GK mx.(344 8/17 Lentz-WI)(Hill-SC)(Dampier-NY)

Not enough room to start Hungary here. I hope everyone had a nice summer and now maybe we can settle down to some serious DXing. All the activities of summer make it impossible for me to DX at times. I'm sure many of you have the same problem.
tml

H U N G A R Y R.Budapest

9585 0200 RB: EE-OM w/talk on education in Hungary.(433 8/19 Bartsch-MN)
 (Ulmer-LA)(Leder-NJ)(Krist-VA)(Harrell-IL)(Burgess-SK)
 Ken Burgess from Swift Current Sask, Canada is going into his
 5th year as a member of SPEEDX and has never reported to any
 coulmn up until now. Congratulations on taking the plunge Ken.
 We hope to hear from you many times in the future. There must
 be others who have never reported. Why not give it a try....tml

9835 0202 RB: EE-OM w/wld nx, & ID.(343 8/17 Gayle Van Horn-TX)(Dampier-
 NY)(Picarelli-CA)(Krist-VA)

11910 0100 RB: EE-Pgm review, nx, cmtry, & IDs.(443 8/18 Ulmer-LA)
 (Robichaud-NB)

17710 0100 RB: EE-Nx, cmtry, &"Books & Magazines"(353 8/22 Welch-MA)
 (Thompson-CA)

I C E L A N D ISBS

12175 0520 ISBS: IC-OM w/continuous talk.(333 8/20 Creamer-CO) This is a
 SSB tx.but it is'nt a feeder or a ute so I guess it may be
 classified as SWBC. Yes? No?tml

13797 1847 ISBS: IC-All I can say is YL talks in presumed Icelandic.(252
 8/29 Jones-MS)(Sharp-FL)(Fraser-MA)(Creamer-CO)

I T A L Y Radio Televisione Italiana

9575 0115 RAI: EE-Mx pgm; YL w/ID, & address.(343 8/17 Lentz-WI)(Grishin
 11800 2209 RAI: EE-Nx pgm, light mx, pgm to Japan.(333 8/28 Tanaka-Japan)
 (Schulsinger-OH)(Addison-KS)(Palmer-WA)(Fraser-MA)

11810 *0830 RAI: IT-OM w/pgm of nx to Aust/NZ.(354 8/21 Welch-MA)

11845 0101 R.Vatican freq. Keep in mind it is a seperate radio country.
 Does everyone have a copy of the SPEEDX EDXC COUNTRY LIST? If
 not you may order one from Jack Jones, 304 Robinhood Rd.
 Jackson, MS 39206. Price \$1.00tml

15471 2310 R.Pace: IT-OM w/talks, ID, classical mx.(323 9/7 Sharp-FL)

17715 1400 RAI: IT-pgm of nx & sports.(433 8/28 Grishin-ONT)

L U X E M B O U R G H R.Luxembourg

6090 0000 RL: EE-ho-hum dullsville pgms w/mx, ads.(445 8/15 Dampier-NY)
 (Leonard-ME)(Harrell-IL)(Hill-SC)(Hesch-NY)

M A L T A Intl Christian Radio

9575 2030 ICR: EE-Inspirational mx & sermons.(353 8/28 Pickard-IL)
 (Hesch-NY)(Schulsinger-OH)

17720 2347 DW: SS-Classical mx pgm, OM w/annc.(454 8/5 Welch-MA)

M O N A C O Trans World Radio

9415 0650 TWR: EE-"Back to the Bible" pgm, ID.(353 8/20 D'Angelo-PA)
 (Greenbauer-AZ)

9670 1331 TWR: EE/GG-ID in EE, then into GG pgm.(454 8/18 Pimblett-UK)

11950 1600 TWR: ??-IS, OM w/ID, very faint sig.(221 9/5 Sharp-FL)

N E T H E R L A N D S R.Nederland

9590 0300 RN: EE-the Shortwave Feedback pgm.(exc 8/15 Kobylski-MD)
 (Dampier-NY)(Harrell-IL)

17605 1431 RN: EE-Newsline w/talk on PLO.(222 8/28 Grenier-CA)(Leder-NJ)

21685 2040 RN: EE-Newsline w/talk on Mexican economy.(433 8/18 Harrell-IL)

N O R W A Y R.Norway

6015 0830 RN: EE-the end of the EE pgm.(343 9/5 Pimblett-UK)

11875 0000 RN: EE-Nordic mx pgm.(544 8/9 Hill-SC)

11900 0607 RN: EE-Nx pgm, "Happenings Around Norway".(333 8/15 Moore-TX)

11970 0425 RN: NW-OM & YL w/songs, & nx.(444 8/17 Traver-CA)

15175 2200 RN: EE-Nx pgm, folk mx pgm.(333 8/4 Smith-FL)(Gayle Van Horn)

15205 0010 RN: EE-YL w/talk on fisheries.(444 8/15 Audette-MA)

17840 *2200 RN: EE-YL w/ID, talk on money exchange.(333 8/15 Audette-MA)

21725 1757 RN: NW/EE-Accordion mx, anthem, nx pgm.(333 8/15 Berkholtz-MN)

P O L A N D R.Polonia

7270 2230 RP: EE-Nx & the Mailbag pgm.(353 8/6 Fraser-MA)

7285 2039 RP: EE-pgm on the Pugwask conference in Poland.(444 9/4
 UK) I hope you had a nice trip to England Nigel.....tml

9525 0200 RP: EE-DX club pgm w/mx requests.(fr 8/16 Kobylski-MD)(Coleman)

11815 0207 RP: EE-Pgm of nx, weather forecast.(334 8/17 LentzOWI)

15120 0300 RP: EE-Cmtry on a limited nuclear war.(333 Cox-LA)(Dampier-NY)

P O R T U G A L R.Portugal

9575 0535 RP: EE-Talk on a new post office.(444 8/15 Ulmer-LA)(Lord-CA)
 (the Tedfords-MI)
 11730 2330 R.Ren: PP-IS, OM w/mx pgm.(234 8/2 Dampier-NY)
 11775 *2030 RP: EE-OM w/annc & nx pgm.(343 8/6 Welch-MA)
 11925 0300 RP: EE-Summary of the weeks nx.(555 8/15 Cox-LA)(Dampier-NY)
 (Robichaud-NB)(Addison-KS)(Harrell-IL)(Smith-FL)
 15200 1427 RP: PP-YL w/annc & ID.(353 8/7 Welch-MA)
 15265 2031 RP: PP-OM w/mx pgm, ID/(433 8/27 Kerrigan-IL)(Palmer-WA)
 17725 *0300 RFE: PO-IS, ID, nx pgm.(343 8/17 Wilkins-CO)(Moore-TX)
 17735 *0300 RFE: RM-IS, ID, nx pgm.(454 8/16 Wilkins-CO)
 17880 1854 RP: FF-YL w/cmtry, folk mx pgm.(Palmer-WA)

R O M A N I A R.Bucharest

5990 0227 RB: EE-OM & YL w/the Letterbox pgm.(433 8/15 Audette-MA)
 9510 0357 RB: EE-OM w/mx, ID, & freqs.(333 8/10 Kerrigan-IL)(Dampier-NY)
 9570 0200 RB: EE-Nx, talk on Romanian musicians.(322 8/4 McKinney-PA)
 11830 0200 RB: EE-Nx pgm, &"Romania 82"(444 8/4 Krist-VA) (Ulmer-LA)
 11940 0240 RB: EE-Mx pgm, talk about a health spa.(444 8/8 Harrell-IL)
 15120 1324 RB: EE-YL w/cmtry, mx, & ID.(333 8/17 Lentz-WI)
 15250 2007 RB: EE-OM w/nx, pgm on foreiign relations.(444 8/22 Pimblett-UK)

S P A I N Radio Exterior de Espana

9360 0526 REE: SS-Mx, freqs, ID.(454 8/15 Ulmer-LA)(Addison-KS)
 9630 0600 REE: EE-OM w/nx pgm, talk on religious leaders who visited the
 Pope.(433 9/7 Traver-CA)(Preston-CA)(Ulmer-LA)
 9650 0555 REE: SS-Rock mx pgm, ID, & more mx.(544 8/18 Ulmer-LA)
 11880 0008 REE: EE-Mx pgm, "Listeners Corner" pgm.(544 8/30 Leonard-ME)
 (Lentz-WI)(Addison-KS)(Picarelli-CA)(Miller-CA)(Sable-NY) + 9

S W E D E N R.Sweden Intl

9695 0230 RSI: EE-Nx, Sweden Calling DXers.(353 8/9 Munster-GA)
 11705 0242 RSI: EE-OM w/a talk on tourism.(444 8/19 Bartsch-MN)(Harrell-IL)
 (Lentz-WI)(Harvey-QUE)
 15270 2300 RSI: EE-"Saturday Stockholm" w/talks, interviews, & mx.(444
 8/14 Hill-SC)(Dampier-NY)(Preston-CA)
 15320 2123 RSI: EE-OM /an interview w/Swedish theatrical director.(232
 8/28 Audette-MA)
 17790 1400 RSI: EE-Talk on an invention, & mx pgm.(533 8/8 Hamer-MN)
 (Kerrigan-IL)(Grenier-CA)

S W I T Z E R L A N D Swiss Radio Intl--Red Cross Bcst Service

6135 0150 SRI: EE-OM w/ID, Dateline w/wld nx.(333 8/18 Addison-KS)(Demmitt
 7210 0600 RCBS: EE/FF-IS, ID, requests & cmmts.(444 8/23 Schulinger-OH)
 9385 2148 SRI: EE-Nx pgm, "Saturday Grapvine"(444 9/4 Pimblett-UK)
 9535 1318 SRI: EE-Nx pgm, talk on the Mid East.(444 8/18 Pimblett-UK)
 9725 0143 SRI: EE-IS, ID, nx on Dateline.(454 9/1 Thompson-NM)(Halbert-
 CA)(Sanderson-AZ)(Bartsch-MN)(Addison-KS)(Lentz-W)
 11715 0430 SRI: EE-YL w/ID & Swiss Shortwave Merry-Go Round.(444 8/14
 Zolla-CA)(Thompson-NM)(Harrell-IL)(Traver-CA)
 15305 0153 SRI: EE-the SSWM-GR w/talk on besting in Switzerland.(444 8/15
 McCants-AL)(Hill-SC)(Cox-LA)(Dampier-NY)(the Tedfords-MI) + 4
 17830 1730 SRI: GG-ID, nx of Lebanon, mx pgm.(453 8/18 Hensley-TX)
 (Palmer-WA)(Thompson-CA)(Addison-KS)(Grenier-CA)(Beilke-MO)
 17850 2210 SRI: EE-OM w/talk Intl grass skiing championship.(333 8/15
 Audette-MA)
 21520 1100 SRI: EE-ID, OM w/nx pgm.(343 8/28 Hesch-NY)
 21570 1730 SRI: GG-Freq list, & pgm of nx.(333 8/15 Berkholtz-MN)

U N I T E D K I N G D O M BBC (All these loggings are the BBC)

3955	0513	(533 8/26 Leonard-ME)	11680	0443	(343 8/17 Traver-CA)
5975	0000	(555 8/6 Welch-MA) + 4	11770	1300	(555 8/9 Smith-FL)
6005	0500	(433 8/31 Traver-CA)	11835	0200	(333 8/14 Addison-KS)
6060	0233	(544 8/15 Thompson-CA)	15070	2400	(555 8/28 Leonard-ME)
6120	0041	(444 8/19 Halbert-CA)	15215	1100	(444 8/8 Welch-MA)
6175	0230	(333 8/4 McKinney-PA)	15400	2115	(443 8/3 Hesch-NY) + 4
7260	0415	(444 8/15 Speer-CA) + 1	15420	2300	(333 8/11 Smith-FL)
7325	0200	(444 8/24 Thompson-NM)	17340	1650	(544 8/3 Schroeder-WI)
9410	2315	(454 8/26 Fraser-CA)+5	21660	1417	(???) 8/8 Hamer-MN)
9510	1100	(454 8/23 Halbert-CA)+3	21710	1118	(353 8/28 Krist-VA) + 2
9590	0000	(343 8/30 Olson-MD) + 2	25650	1400	(454 8/28 Grishin-ONT)
		(544 8/13 Hill-SC)			

U S S R R.Moscow R.Yerevan R.Tashkent R.Kiev R.Station Peace & Progress
R.Vilnius

4040	1230	RY:	(454 Thompson-NM)	12030	2330	RK:	(544 the Tedfords-MI)
4860	0120	RM:	(333 Harvey-QUE)	12050	0500	RM:	(555 Dampier-NY)
4930	0126	RT:	(fair Parks-FL)	12060	2310	RM:	(444 Schulsinger-OH)
5934	0800	RR:	(433 Dampier-NY)	12070	1747	RM:	(444 Robichaud-NB)
7100	1945	RM:	(333 Dampier-NY)	12450	0001	RM:	(343 Dampier-NY)
7150	2300	RM:	(555 Dampier-NY)	15000	0005	RM:	(444 Dampier-NY)
7334	0651	RM:	(555 Dampier-NY)	15045	1800	RM:	(555 Dampier-NY)
9490	1300	RM:	(433 de Kiewit)	15130	2300	RM:	(444 Dampier-NY)
9580	0600	RM:	(444 Lord-CA)	15135	0100	P&P:	(343 Grijalva-AZ)
9600	0328	RM:	(532 Ulmer-LA)	15145	1330	P&P:	(333 Wilkins-CO)
9655	1345	RM:	(444 Lord-CA)	15150	1959	RM:	(422 Ulmer-LA)
9700	0335	RM:	(444 Harrell-IL)	15180	2215	RV:	(444 Carlson-WA)
9770	1200	RM:	(444 Dampier-NY)	15250	2159	RM:	(333 Picarelli-CA)
9800	2332	RK:	(434 Sable-NY)	15280	1280	RM:	(233 Manning-TX)
11700	0110	RM:	(433 Ulmer-LA)	15320	1302	RM:	(333 Lentz-WI)
11710	0100	RM:	(333 Addison-KS)	15325	*0030	P&P:	(555 Audette-MA)
11720	0135	RM:	(444 Schulsinger)	15425	0630	RM:	(555 Dampier-NY)
11725	0630	RM:	(413 Dampier-NY)	15440	1800	P&P:	(332 Dampier-NY)
11730	2350	RK:	(333 Smith-FL)	15450	1920	RM:	(454 Smith-FL)
11735	0335	RM:	(???) Lentz-WI)	15455	2027	RM:	(433 Berkholtz-MN)
11740	0301	RM:	(434 Smith-FL)	15520	2040	RM:	(400 Grijalva-AZ)
11750	0100	RM:	(433 Addison-KS)	15530	0410	RM:	(333 Lentz-WI)
11765	2255	RM:	(555 Chituck-Ita)	15550	0550	RM:	(333 Dampier-NY)
11770	2330	RM:	(444 the Tedfords)	17695	2215	RM:	(454 Zolla-CA)
11785	1400	RT:	(222 Van Horn-TX)	17700	2030	RM:	(454 Thompson-CA)
11820	1220	RM:	(444 Dampier-NY)	17710	0500	RM:	(555 Dampier-NY)
11840	2030	RM:	(333 Addison-KS)	17870	0252	RY:	(222 Van Horn-TX)
11850	0044	RM:	(222 Dampier-NY)	19727	0845	RM:	(455 Chituck-Italy)
11980	2228	RM:	(444 Ulmer-LA)	21530	0450	RM:	(444 McClain-CA)
12000	0348	RM:	(434 Leonard-ME)	21545	0330	RM:	(434 Dampier-NY)
12020	2335	RK:	(433 Harrell-IL)	21585	1300	P&P:	(222 Dampier-NY)

V A T I C A N S T A T E R.Vaticana

6015	0111	RV:	EE-YL w/talk on children & rel.(433 8/17 Lentz-WI)
6210	0548	RV:	LT-Mass, QRN & fading.(323 8/22 Leder-NJ)
9615	2159	RV:	JJ-Reading listeners letters.(444 8/28 Tanaka-Japan)
9645	0445	RV:	EE-OM w/rel pgm, YL w/ID.(233 8/31 Preston-CA)
11740	0625	RV:	EE/SS-YL w/wld nx, ID.(454 8/20 D'Angelo-PA)
11810	1545	RV:	ET-OM w/talks.(334 8/19 Miller-CA)
11845	0100	RV:	EE-IS, ID, talk on Johns gospel.(454 8/8 Thompson-NM) + 4
15120	1531	RV:	ET/FF-OM w/mx pgm, into FF @ 1545.(544 8/13 Thompson-CA) +2

Y U G O S L A V I A R.Yugoslavia

6100	2236	RY:	FF-YL w/talks, ID.(322 9/5 Sharp-FL)
7240	1452	RY:	RR-OM w/talks, ID.(212 9/5 Sharp-FL)

C L A N D E S T I N E S

6203	1230	R.	Delmare: EE-ID, mx pgm, address.(432 8/8 de Kiewit-Holland)
6225	1014	R.	East Coast: EE-Rock mx, plug for DX pgm, address.(343 9/5 Pimblett-UK) Address: P.O. Box 319, Edenbridge Kent, England
6240	0918	So.	Dublin Radio: EE-Pop mx, ID.(242 9/5 Pimblett-UK)
6310	0847	R.	Caroline Intl: EE-Pop mx, address in UK.(343 9/5 Pimblett-UK)

As you can see we have a ton of USSR freqs. This is the most I have seen in a long time. 19727 is reported as a AM freq so I decided to put it in. All SSB freqs are feeders and should be reported to the UTE column. The ute bug has bitten me again, I have'nt been doing a lot of DXing in the last few months, only SWling to regular freqs.

R.Macedoina from Greece was reported this month on 15040, 15050, & 15054. I have listened on and around 15040 and heard a station that could have been it but did'nt get a positive ID. Remember to get that all important ID. Again it is the single most important peice of info that you will put into a logging.

I read in another publication last month that it is impossible for a SW station to have a SIO of 555, and that only strong MW or FM stations could have such. I strongly disagree with this. I have rated many SW stations a 555. Namely the VOA, BBC, Deutsche Welle, RCI, R.Moscow, WRNO, R.Nederland via Bonaire, and HCJB. If a station has an extremely strong signal, absolutely no QRM, and no noise or fading then it is usually as good as any MN station. At least it is here at my QTH. Or maybe I'm all wet. After all what do I know?

As I said last month about Sept, Have a good October!

SWBC DX

AFRICA

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FEBA

Seychelles

Radio Television Kaduna

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

AN ALL-LOGGINGS COLUMN

Greetings to another month of SWBC DX Africa. Every now and then it is nice to include as many loggings as possible in the column. We are going to do that this time around. Next month, we'll resume our SPEEDX Afro Hot Sheet. Also, look forward to an article about the Voice of Kenya's role in the coup attempt in that East African nation. Coming up in December, we'll do a short feature on Radio Lesotho. And now, without further prattle, we present the loggings...

ANGOLA

The Angolan news agency ANGOP reported that, in a resolution published on July 9 in Luanda, the Secretariat of the MPLA-Labor Party Central Committee announced the restructuring of the Angolan National Radio (RNA) and National Television (TPA) into a single information body. The body would be headed by a director general and would comprise the two units which would be controlled by assistant directors general. (BBC Monitoring Service World Broadcast Information News--WBI).

- 5060t 2350 Em. Regional do Huambo; PP, hyper rhetoric by OM w/mention of Angola, Luanda and Africa, RTTY QRM killed at 0000 (Parks,FL)
- 9535 1600 V. Namibia Program from Radio Nacional; EE ID, "This is the Voice of Nam bia, the radio program fro the South West Africa People's Organization, SWAPO of Namibia, transmitting from... the studio of Radio Nacional de Angola in Luanda, capital city of the People's Republic of Angola...", 8/22 (Howard,CA) 0428, tent. w/lots of Afro mx, tent ID 0435, 8/23 (Famularo, (CA); 2249, lcl mx, no IDs but mention of Luanda (Sharp, FL)
- 11955 0531 R. Nacional; px of lcl mx, ID by YL, 8/16 (Sharp, FL)

ASCENSION ISLAND

- 6005 2230 BBC; EE, "New Ideas," "Reflections," sports results (Krist,VA)
- 7105 0158 BBC; IS, ID, Time pips, TC, world nx (Thompson, NM)
- 11860 0509 BBC; EE nx of the Afro world, mention of serious food shortage in Zambia (see "Zambia" for another article discussing the food shortage in this country. It's about crocodiles...) (Traver, CA)

BENIN

- 4870 0542 ORTB; FF, popular lcl mx, 0547, tx by FF OM, mention of Benin, 444, 8/20 (Sharp, FL); 2302*, FF, s/off anmts, NA (D'Angelo, PA)

BOTSWANA

- 3356 0421 R. Botswana; Setswana, pop mx and lcl selections, OM ID, 222, 8/19 (Sharp, FL)
- 4845 0357 RB; Setswana/EE, cowbell IS, NA, ID in Sets., into relg. message in EE, EZL mx (Wilczek, IL) *0400 (Sharp, FL)

CAMEROON

- 4000 0515 R. Bafoussam; EE/FF, FF px to 0522, Afro mx, into EE, OM tx w/full ID at 0523 (Wilczek, IL); 0459, brief drum interlude, ID and into probable nx by OM, 8/19 (Sharp, FL)
- 4850 0500 R. Yaounde; EE, nx by OM to 0505, ID into lcl mx (Sharp, FL); 0447, EE/FF, mx px w/anmts by OM in FF, 454, 8/16 (Stephany,NY)

CANARY ISLANDS

15365 0301 R. Espana Ext.; SS, "America a dos Pasos" px, 0333* (Wilkins, CO)

CONGO

15190 0537 RTVC; FF, tx by YL, mention of "Congolaise," brief snatches of xylophone mx, ID (Sharp, FL)

CENTRAL AFRICAN REPUBLIC

5037 2149 LV de CAR; FF, tx by OM, ID, into chants and lcl mx (Sharp, FL)

EGYPT

9475 0215 R. Cairo; EE, TC "It's 5:15 am in Cairo," world nx by YL, 8/19 (Lentz, WI); 0210, spotlight on Middle East (Cox, LA); 0205, 8/23 (Miller, CA) +5

12000 0202 RC; "You are tuned to Cairo" ID by YL (Krist, VA); 0214, EE, Egyptian mx, full ID, world nx 8/17 (Van Horn, TX); 0235, EE "This is Islam" (Grishin, ON)

15210 2140 RC; Yoruba???, Arab and Afro mx, etc, ID in AA at 2157, 8/27

17745 0510 RC; AA mx, 0530, chimes and ID (Famularo, CA) (Tanaka, Jap.)

EQUATORIAL GUINEA

6250 0521 R. Malabo; SS tx by OM, ID, mention of Eq. Guinea, into non-stop mx, 9/1 (Sharp, FL); 2155, SS, SS, OM mention of Malabo, 343, 8/22 (Hatfield, NY)

ETHIOPIA

7110t *0328 VoRE; flute IS, OM anmts, NA or martial mx, pips (3 short, 1 long) nx read by OM, mx and more OM tx, 8/10 (Wilczek, IL)
**That's definitely them. I monitored VoRE the same night at the same time.mln.

GABON

4810 0525 ANO; Is Africa #1 off freq? No signal on 4811...FF, OM discussion, rhythmic mx, 8/17 (Traver, CA); 4811 at 0535, nx in FF (Ross, ON); 0535, FF, YL w/pop mx, sounded like she was on drugs...9/5 (Reese, KS)

11800 2118 ANO; FF, hi-life mx, ads, TCs, frequent IDs, nx at 2245, // reg. 11940, not hrd subsequent days so possibly a test, 2301*

11940 2240 ANO; FF, Afro mx, urbane sounding OM (Palmer) 8/21(Pickard, IL) 0500, FF OM tx, many IDs (Sharp, FL); 2110 (Thompson, NM)

LESOTHO

4800 0405 R. Lesotho; Sesotho, OM, YL tx, choir hymns (transmitter went off at 0412 for few seconds), jazz, 8/26(Hotaling, NV); 0500, EE tx by OM, presumed nx, 8/16 (Sharp, FL); 2023-2120, EE, man's speech, nx, no s/off at 2105, 8/29 (Tanaka, Japan)

LIBERIA

According to the Liberian Broadcasting System on August 27, a 10kW xmtr is to be constructed shortly at a cost of \$150,000 in Grand Bassa county. This community radio station is expected to bctt in EE and lcl languages and will cover a radius of 60 miles (BBC MS).

3255 2335 ELBC; EE, pop mx featuring Robert John, Dean Martin, etc., ID and s/off anmts, NA, 0003* (D'Angelo, PA); 2340, rock mx, EE DJ (Parks, FL); "The Late Show" 2350, 8/23 (S. Harvey, PQ)

4765 0657 ELWA; Vern, IS w/EE OM IDs, into vern. relg. (Sharp, FL); 2200, EE, VoA nx, five min. of Liberian nx, into relg (Hatfield, NY)

6035 0340 VoA; EE, "African Safari," 8/20 (B. Miller, CA) 0508 (Traver,

7195 2210 VoA; "Nx in Special EE," "Time for Jazz" 8/28 (Krist, VA) CA)

11830 1630 BBC Relay; EE, YL OM interview on Afro issues, especially on Zimbabwe, clear during 15 min. loss of R. Korea's sig (P.

11930 *0630 ELWA; EE/AA ID, AA mx & nx (Famularo, CA) Thompson, CA)

15120 0745 VoA; OM in EE w/mining nx of Africa, ID, then nx about Nigeria,

17870 2000 VoA; EE, ID, nx, comments about Samuel Doe, (G. Van Horn, TX) // President of Liberia...(Thompson, NM)

20929 2220 KKN44; CW/EE voice marker for Monrovia's U.S. Embassy, 8/22, (Kobylski, MD) **More appropriate for the UTE column, Tony, but it was interesting enuf to put here...mln.

LIBYA

The domestic svc of the Socialist People's Libyan Arab Jamahiriya Bcsting Corp. continues to operate on SW from 1100 approximately on 17,930, 15450 and 15,415 kHz. The BSKSA (Saudi Arabia) has also been hrd recently on 17,929 and 15449 kHz. (BBC MS) "VOICE OF THE SUDANESE POPULAR REVOLUTION" is a new AA svc bcsting on 17,940 kHz between 1237 and 1623 GMT (times vary). The stn bcsts programs hostile to President Nymayri and the Sudanese gov't. A news bulletin monitored 8/19 at 1348 consisted mainly of items repeated from the Libyan domestic svc's 1230 nxcast. (BBC MS)**For an interesting insight into relations between Sudan and Libya, read the article "Sudan: Arab-African Giant" in the March, 1982, National Geographic. Very interesting...mln.

11815 2228 R. Jamahiriya; EE, OM w/nx of Israeli-PLO war. At 2230, items about Angola, 8/11 (Palmer, WA); 2315, AA, another political rally w/speeches, chants, etc, 8/14 (Famularo, CA); 2154, "Postbag" px, OM said QSLs and skeds are not yet available but soon will be, 8/11 (Wilczek, IL)**QSLs are now being received from this stn. mln. 2225-2248*, EE (Preston, CA) "They are QSLing!" (R. Harrell, IL)"I'm still waiting," (G. Van Horn, TX); 2155-2215 (Lentz, Welch, Beilke)

17930 1700 SPLAJBC; AA, speech, song, tx, time tone on hr (Kerrigan, IL)

MADAGASCAR

3288 2009 R. Madagascar; FF, western pops, classical mx, etc., YL ID at 2056, 2058*, 8/28 (Tanaka, Japan)

MALAWI

3380 0327 MBC; EE/Chichewa; lcl mx and pops, into ads and OM "MBC" ID 0330, more mx, more ads and news in EE/vern by OM at top of the hour (Sharp, FL); 0355, Afro mx, short tx by OM in Vern, ID "You are tuned to the MBC. The time is 6 o'clock." into EE nx headlines...(Fisher, MA); 0405, ad for batteries, EE ID at 0406, 8/20 (S. Harvey, PQ)

MAURITANIA

4845 0634 RN du Mauritanie; AA tx w/light background mx, ID, nx at 0640 by OM, 454, 8/17 (D'Angelo, PA); 0709, FF/AA, OM nx in FF, AA nx at 0712 (Wilczek, IL); *0558, FF, IS, s/on, Koran to 0615, 322, 8/14 (Wilkins, CO); 2350 (Sharp, FL)

MAURITIUS

A recent report on "Media Network" revealed that the MBC will acquire new equipment which will enable them to up their xmtr power from 10 to 100kW. (via David Sharp, FL)

9710at 1055 MBC; EE, non-stop Indian mx, ID as "Radio Mauritius" and mention of MBC at 1100, 8/16, voice was poorly modulated (Parks, FL) **I didn't think they were in EE at this time...mln.

MOROCCO

Moroccan Radio reported that among the agreements signed at the Ministry of Information, Youth and Sports on 8/12 was one between RTM (Moroccan Radio and TV) and Senegalese Radio and TV. (BBC MS)

MOZAMBIQUE

3265 *0400 R. Mozambique/Maputo; EE, IS, ID by OM, rx mx used for bridge, ID by OM as "You are tuned to Radio Maputo, the external svc of Radio Mozambique," nx by OM, ID, into mx, 343!, 8/17 (Stephany, NY); 0400, EE nx by OM, ID into px "World and Mozambique" at 0415, s/off 0430, 8/23 (Hatfield, NY)

NAMIBIA

4965 0307 SWABC; Afrikaans, solid px of mx, only one ID noted in 45 min. of monitoring, 9/5 (Sharp, FL)

NIGER

5020 *0530 ORTN; FF, NA, IS, ID by OM as "...Office de Radiodiffusion TV du Niger..." into chants, then Afro pop mx, 8/17 (Stephany, NY) *0528, lcl Afro selections after s/on (Wilczek, IL)

NIGERIA

- 4770 0530 FRCN/Kaduna; EE, native mx, ID on half hou as "VoN" into world nx in EE (Ross, ON); 0502, EE, nx, ID, U.S. R&B (Beilke,MO)
- 6050 0600 FRC/Ibadan; EE, tx by OM, lcl TC, brief IS, into nx (Sharp,FL)
- 6145 2250 Cross River Radio; Vern/EE, pop mx w/OM DJ in Vern, ID at network nx at 2300, 2305*, 8/18 (Parks, FL)
- 7145 0609 R. Kwara; EE, nx and ID at 0609 from network, lcl ID at nx at 0615, 444, 9/5 (B. Raymond,MA) **In nicely lately...mln.
- 7255 0530 Voice of Nigeria; EE, OM nx, OM nx cmty, OM Nigeria nx, YL press editorial review, YL s/off at 0559, 9/1 (B. Preston,CA); 0513-0559, fair-good sigs w/EE nx, mention of political unrest in Africa...(Kerrigan, IL, Ross, ON)+2
- 11770 1557 VoN; EE, end of Nig. nx, short mx, followed by drum IS, into unknown lang at 1600, 8/29 (Drollinger, WI); 2048, EE, tx on current situation in Nicaragua, 9/6 (Reese, KS)
- 15120 2145 VoN; TC, ID, into news of Nigeria, 9/6 (Picarelli, CA) +2; 1515, EE, Afro gospel, EE tx on race relations (Thompson, CA); 2018, EE, QRM de Vatican Radio (Welch, MA)
- 15185 0710 VoN; EE, light pop tunes, TC, ID, "This is Lagos," into Afro mx and discussion on various Afro instruments used in music, 8/17, 353 (D'Angelo, PA)

RWANDA

- 21600 2330 DW/Kigali; GG, mx requests, s/off 2350 w/ID by OM in FF, "Ici DW, Kigali, Rwanda," 444, 8/28 (Berkholtz, MN)

SEYCHELLES

- 11895 1550 FEBA; EE "Back to the Bible" px, ID by YL, 9/1 (Carlson, WA)
- 15385 0325 FEBA; IS, ID, OM, YL, prayer chants, 322, 8/25 (Hotaling,NV) 0345, AA, tx and mx by OM, 8/16 (Lentz, WI)

SIERRA LEONE

- 5980 0658 SLBS; EE, native mx, full ID, national news of Sierra Leone's Presdient Stevens' birthday, 8/25 (Larry Van Horn, TX); 0630, Vern/EE, Vern tx into BBC nx at 0700, 8/14 (Tedfords, MI); 0649, Id "This is Freetown," into national nx by YL in EE, 8/10, 343 (Wilczek, IL); 0621-0700 (S. Harvey,PQ, H. Tate,WV)

SOMALIA

- 6790 0306 R. Mogadishu; AA, OM w/AA chants followed by tx, noisy freq, 8/9 (Kerrigan, IL); 0300 on 6792, military band NA at 0300, ID by OM into chants (Sharp, FL); positive ID 0337 just like the one in WRTVH (B. Raymond, MA) *0259, tent (Wilkins, CO)

SOUTH AFRICA

- RSA's external svc announced that its 2100-2200 EE xmtn was now on a new frequency, 17780 kHz. This replaces 15155 kHz and is in //11900, 9585, and 7270 kHz. (BBC MS).
- 3930 0500 Capital Radio; EE nx by OM, slick FM style, ID, ads, then wx for selected areas such as East London, 333, 8/21 (Sharp,FL)
- 4835 0410 SABC; EE, tx by OM, farm and industrial good px (Miller, CA) 0430-0500, EE nx and features, poor-fair (Speer, CA, Preston,
- 4990 0405 R. RSA; EE, OM tx, mx, "Good Morning Africa" px, QRM CA) from a two party conversation...(Greenbauer, AZ)
- 5980 *0157 RSA; IS, ID then EE nx (Reese, KS, Thompson, NM)
- 7270 0400 RSA; "Good Morn. Africa" px in EE (Preston, CA)
- 9580 0245 RSA; Interview on problem of synthetic oils (???) (No name)
- 9585 2100 RSA; EE, "P. O. Box 4559," Hungary QRM 2130 (Fraser, MA)
- 9615 0230 RSA; EE, OM tx on ex-British Colonies, 8/13 (Schroeder, WI) 0200, //9580, nx of Lesotho's Minister of Works killed in an ambush (Halbert, CA) **According to New African Mag, Lesotho Police displayed the naked corpse of one of the suspected assassins in hopes of speeding up the identification of the dead man. (Sept. 1982 New African) 0200 (Coleman, MA)
- 11900 1528 SABC Forces Svc; EE rock mx, disco mx, probable ID, tx w/ mention of "Here is South Africa" (Ulmer, LA)
- 21530 1748 RSA; Dutch, 333 w/mx (N. Berkholtz, MN)
- 25790 1545 RSA; EE, discussion of SWAPO and SW Africa (Harrell, IL)

SUDAN

5039t 0359 R. Omdurman; AA, chants, guitar mx, no ID, 232 (George, FL)
 **I've had a few editors raise their eyebrows about this one.
 Anybody out there know for sure if this is indeed Sudan???

SWAZILAND

The "Times of Swaziland" reported that Swaziland expects to establish a ground station capable of receiving and transmitting TV programs. This would mean that there would be direct access to televised international news items and programs. Therefore, bans which affected South Africa on internationally televised events, such as the World Cup, might not affect Swaziland in the future. (BBC MS)

5055 0330 TWR; tx by OM, IS at 0343, EE IDs into lang, TIFC QRM (Sharp) 0358, GG, gospel mx, ID by OM at 0400, 443, 8/26 (Thompson, CA)
 6155 *0255 SCR; Radio SR; pop Afro mx, IS, 0300-0500, OM DJ, EE pop mx, ads, IDs "Radio SR, the International Sound," Radio Paralelo at 0500 to fade out 0530, PP, nice ballads, ads, ID clear for Radio Paralelo and fairly sure "vinteesete" good several times in August (Howard, CA)
 7295 0427 TWR; EE, "This is TWR," then relg in EE 8/25 (G. Van Horn, TX)

TANZANIA

5050t 0336 R. Tanzania; EE, lcl mx, hi-life, tx by OM, poss. ID but suffered het and splatter from TWR/TIFC on 5055, 212, 8/14 (Sharp, FL)///

TOGO

3222 0532 R. Lama Kara; Afro mx, OD ID, 0535 "Je ecoute R. Lama Kara," also ID and TC 0545 (Wilczek, IL)
 5047 0528 R. Toqo; FF, chime IS, NA, s/on and ID into singing (Beilke, MO) 0526, 0529, NA and s/on after IS (Sharp, FL) 0556 (Thompson, CA)

TUNISIA

7225 0447 RTVT; AA, tx by OM, AA chants, good when not QRM'd by AROs (Sharp, FL); tent at 0549, long tx in AA, no ID (Ross, ON)

UGANDA

5026 0400 R. Uganda; EE nx by OM w/heavy accent though still intelligible, not //15325, 333, 9/4 (Sharp, FL); 0315, EE, Afro pop mx show, OM w/small tx, poor mod (S. Harvey, PQ)
 15250 1815 R. Uganda; EE, Afro mx, ID by YL, more afro mx (Manning, TX)
 15325 0315 RU; EE, news of Africa, clear ID "This nx has come to you from RU in Kampala (Harrell, IL); 0330 (G. Van Horn, TX) +1

UPPER VOLTA

4814 0600 RTVV; FF, tx by OM, ID into solid half hour of chants (Sharp, FL) "In the August SPEEDX you listed my log of Upper Volta on 4810 kHz, which obviously was in error. I do rcv a signal on 4810--it must be Gabon. Of course, Upper Volta should be on 4814--not 4810. I apologize for reporting an incorrect logging" (Traver Smith, CA) **That's okay, I apologize for listing your last name as your first. I guess that makes us even.

ZAMBIA

On August 25, the Zambia Broadcasting Services quoted a member of the Central Committee of Luapula Province as saying that the completion of the radio xmtrs in Mansa would greatly improve radio reception in the province. This was said during an inspection tour of the xmtrs being installed at a site along the Mansa-Chembe road. On Aug. 19, the ZBS quoted the Minister of Info and Bcsting Svcs as saying that the multi-million kwacha mass-media complex in Lusaka was now ready for occupation. (Both via BBC MS)

ZAMBIA STARVATION UPDATE: Fish-starved crocodiles from Zambia's Lake Mweru Wantipa are now attacking people. According to reports a shortage of fish in the river has driven the crocodiles to eating an average of 30 people a month. (New African Magazine, Sept. 1982)

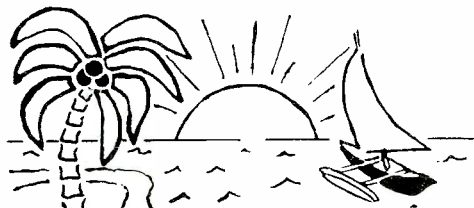
4911 0356 ZBS; Vern, fisheagle IS, NA, tx by OM, prayer, chants, good at s/on but faded out soon (Sharp, FL)

ZIMBABWE

According to the East German news agency ADN, a radio cooperation agreement was signed in Harare (Zimbabwe) on August 25 between the GDR and Zimbabwe. It provides, inter alia, for the regular exchange of music programs on developments in both countries as for the provision of music programs (BBC MS).

ASIA-OCEANIA

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DEADLINE: 12th of each month
FREQUENCIES IN KILOHERTZ
TIMES ARE IN GMT
0000=sign on 0000=sign off

Democratic Republic of AFGHANISTAN

4450-t *1340 R. Afghanistan: ? Lang; moans & groans (232 9/1 George-FL)
15077 *15077 RA: EE; ID, OM give 3 times at start of EE Px (322 8/18 Pimblett-ENGLAND) (1900 222 8/20 Hatfield-NY)

People's Republic of BANGLADESH

FL)

4890 0303 R. Bangladesh: SS Px; exercise px, theme Mx, ID s/off (524 9/1 George-

People's Republic of CHINA

3230? 0350 CPBS-Px 1: CC; Mx, Tx, Mx (211 8/23 Dampier-NY)
3400 1230 Fujion Front Station-Px 2: CC; Inst. Mx, Vocals, Tx OM/YL (353 8/20 Thompson-NM)
4045 1245 FFS-Px 1: CC; YL Tx, Vocals, Mx (454 8/19 Thompson-NM)
4380 1110 FFS-Px2: Amoy; YL Opera Style singing, YL Tx (333 8/19 Famularo-CA) (1230 353 8/17 Thompson-NM)
4975 1330 Fujian Fuzhou PPBS: CC; OM/YL EE Lang Lesson (343 8/14 Famularo-CA)NV)
5240 1322 FFS-Px a: Amoy; OM/YL Tx (444 9/4 Grenier-CA) (1110 322 8/30 Hotalin-)
5265 1313 FFS-Px 1: Amoy; S/on CH Folk Mx, YL, OM, (333 9/27 Palmer-WA)
6200 1105 RP: CC; YL Nx, Mx (222 8/24 Ward-QUE)
6765 1015 FFS-Px 1: Amoy; YL Tx // 7850, 5900, 5265, 5240 (444 8/22 Famularo-CA)
6890 2147 CPBS-Px 2: CC; CC Mx (433 8/18 Pimblett-ENGLAND) (1535 333 8/11 Famularo-CA)
7335 1140 CPBS-Px 1: CC; OM Tx, YL (444 8/12 Miller-CA)
7504 1318 CPBS-Px 1: CC; OM Tx (333 8/16 Palmer-WA)
7515v 1659 CPBS-Px 1: CC; Tps, ID, OM/YL Nx, ID, CC Mx, International 1730* // 9064 (343 8/12 Famularo-CA)
7770 1230 CPBS-Px 2: CC; Local Mx (353 9/7 Zilmer-NM)
8345 1340 RP: CC: YL Tx, Mx (323 9/4 Grenier-CA)
9064 1455 CPBS-Px 1: CC; OM/YL Lang Less, ID (222 9/3 Grenier-CA) (0938 333 8/19 Hotaling-NV)
9080 1055 CPBS-Px 1: CC; YL Nx (232 8/22 Ward-QUE)
9170 1040 Minority Lang Px: Taiwanese; YL Tx, Western Mx (222 8/22 Ward-QUE)
9490 1138 Lhasa Xizang PPBS: CC; OM Tx, Local Mx TP, ID (333 8/19 Cucura-PA)
9860 1910 RP: EE; OM World Nx, YL Econ. Tx (232+ 8/22 Famularo-CA) (1020 353 8/22 Welch-MA)
9900 1500 RP: Napalese; Tx YL Nx? (333 8/26 Grenier-CA)
11600 1445 RP: EE; "Lets Learn CC", Woodpecker QRM (222 8/25 Grenier-CA)
11660 1341 RP: EE; end of xmsn to SEA // 17700 15280, 11795, 6825 (Fr 8/14 Newkirk-WA)
11695 1446 RP: Cambodian; Oriental Mx, YL 1455* (555 8/21 Thompson-CA)
11725 1432 RP: Laotian; Opening IS, ID, YL Nx, Sked (333 8/5 Palmer-WA)
15120 0400 RP: EE; OM Nx, YL Nx Editorial, Mx, OM History of CCP, Mx (233 9/1 Preston-CA)
15165 1705 RP: EE; US/China relations, PLO/Israeli relations (433 8/17 Thompson-CA)
15520 *1200 RP: EE; "This is R. Peking," Nx, Interview, Mx, Story of an Ox, Mx 1255* (353 8/28 Krist-VA) (1200 544 8/28 Grishin-ONT)(1245 343 8/22 Olson-MD)(1236 434 8/16 Leder-NJ)
17450 1925 RP: SS; YL Nx, ID, More Tx (554 8/16 Thompson-CA)

People's Republic of China Con't
 17680 0300 RP: EE; OM Wld Nx, OM tx on CCP Congress, Mx (343 9/2 Preston-CA)
 (0000 344 9/2 Duncan-NC) (0005 444 8/27 Robichaud-NB)(0015 226 8/24
 Mockier-QUE) (0032 333 8/23 Halbert-CA)
 17745 0445 RP:CC; Comedy, Mx, Crowd laughter // 17885 (353 8/23 Famularo-CA)
 17855 0300 RP: EE; IS, ID, Nx (242 9/1 Beilke-MO) (0135 333 8/23 Smith-FL)(0148
 342 8/21 Ulmer-LA) (0153 233 8/19 Halbert-CA) (0036 ? 8/17 Lentz-WI)
 0300 333 8/8 Harrell-IL)

Republic of CHINA [Taiwan]

6087 1455 Central Braodcasting System: CC; 2 OM Tx, TPs, YL ID, Mx (333 8/15
 Famularo-CA)
 7150 1522 CBS: OM Tx, Mx, OM/YL Tx (353 8/7 Famularo-CA)
 9690 1657 CBS: CC: Trad. CC Mx, TPs, YL ID, Tx (252+ 8/13 Famularo-CA)
 11740 0215 Voice of Free China: EE; Adr for Letters, Vocals, ID, TX on
 CC Culture in Taiwan, Mx (454 8/18 Thompson-NM) (0241 433 8/9
 Halbert-CA)
 11745 1050 VOFC: Amoy/Japanese; Tx, Mx, National Anthem // 11860 8/18 Ross-
 ONT) (2101 333 8/28 Halbert-CA)(444 8/7 Dampier-NY)
 15125 2150 VFC: ? Lang; OM LX Mx, ID in EE, Mx about Taiwan (444 9/6 Reese-KS)
 17800 2235 VOFC: EE; Cmty on Taiwans PR Problems (333 8/26 Sanderson-AZ)
 (2039 344 8/28 Halbert-CA) (2225 433 8/10 Thompson-CA)

Republic of INDIA

9912 2130 All India Radio: EE; Px of India folk and movie Mx, ID // 11620
 (353 8/7 Fraser-MA)
 15335 1330 AIR: EE; Nx (Fr 8/13 Kobylski-MD)

Republic of INDONESIA

3215 1245 RRI Manado: Indo; Mx, OM Tx, (343 8/17 Thompson-NM) (1210 353
 8/13 Famularo-CA)
 3346 1230 RRI Ternate: Indo; Two OM Disc. Orch Mx (444 8/21 Thompson-NM)
 3905 1045 RRI Banda Aceh: Indo; Guitar/choral/Is. Mx, YL ID, Chants (333 8/22
 Famularo-CA) (1251 222 8/11 Palmer-WA)
 3975 1126 RRI Surabaya: Indo; YL Tx, Children singing, (433v 8/11 Famularo-CA)
 4719 1215 RRI Ujung Pandang: Vern; OM/YL Tx, Instr Mx (444 9/1 Thompson-NM)
 5046 1111 RRI Yogyakarta: Indo; OM Indo Tx, ID, Pop Mx (243 8/19 Wilczek-IL)
 9680? 1432 RRI Djakarta: Indo?; Vocals, Tx, RRI IS, ID, Nx (433 8/23 Thompson-CA)
 11770 1450 RRI Djakarta: Indo; Mx, IS, Time Pips, ID, Nx OM (322 8/12 Palmer-WA)
 11790 1630 Voice of Indonesia: Indo; YL, No ID in EE, Mx YL Nx (444 9/9
 Valentine-CA) (1450 343 8/29 Ulmer-LA) (1415-223 8/19 Lentz-WI)
 (1443 433 8/5 Palmer-WA)

Islamic Republic of IRAN

9022 1947 Voice of the Islamic Republic of Iran: EE; Nx on Occupation of
 Lebanon (454 9/4 Pimblett-ENGLAND)(1958 333 8/11 Hatfield-NY)
 (0150 212 8/11 Dampier-NY)(0235 444 8/10 Jones-MS)
 9033 0330 VOIRI: ? Lang; Mx, Tx 2 om/yl (333 7/29 Harvey-QUE)
 15084 2320 VOIRI: Farsi; OM/YL Tx, Mx, Vocals (454 8/13 Thompson-NM)

Republic of IRAQ

9745 2130 R. Baghdad: EE; ID, Nx? jammed by Iran (312 8/13 Dampier-NY)

State of ISRAEL

9009 2019 Kol Yisrael: EE; Px on situation in Lebanon (444 9/4 Pimblett-ENGLAND)
 9815 0200 KY: EE; Nx "Shabat Shalom" (444 8/28 Robichaud-NB) (0027 333 8/23
 Halbert-CA) (0218 434 8/17 Gayle Van Horn-TX)
 11610 2020 Reshet Bet: Hebrew; EZ Listening Mx, "Coke" Ad, (454 8/9 Fraser-MA)
 11640 0015 KY: EE; Nx on the Middle East, ID (443 8/29 Picarelli-CA) (2236 343
 8/29 Beilke-MO) (*0100 454 8/17 Krist-VA) (0503 222 8/15 Grenier-
 CA)(0000 Gd 8/15 Kobylski-MD) (0110 544 8/10 Achroeder-WI) (2200
 454 8/9 Fraser-MA)(*0100 434 8/8 Black-MA) (0200 444 8/7 Harrell-
 IL)(*0000 454 8/5 Welch-MA) (0200 555 8/5 Coleman-MA)
 11655 0435 Reshet Bet: Hebrew: YL, "Mx, "Tx (222 8/17 Traver Smith-CA)
 13725 2215 Reshet Bet: Hebrew: Reshet Bet Px // 17585, 15615, 11610 (333 9/5
 Zimmerman-NM) (*0400 252 9/5 Munster-GA)
 13745 2230 KY: EE; Nx, "Calling All Listeners", // 11640 (454 15585 (232
 17630 (151 21495 (151 (353 9/5 Munster-GA) ((2230 252 9/5 Zilmer-
 NM)
 15105 *1830 KY: Hebrew; OM Nx (443 8/17 Thompson-CA)
 15475 2000 KY: EE; Nx, "Calling All Listeners" Dx Corner (353 9/5 Zilmer-NM)

State of Israel con't

15585 *0500 KY: EE; OM Nx (444 9/3 Preston-CA) (2005 444 8/27 Kerrigan-IL) (*0000 555 8/25 Welch-MA) (2230 544 8/22 Hill-SC) (2032 333 8/22 Berkholtz-MN) (0059 454 8/20 Thompson-NM) (0115 353 8/19 Burgess-SAS) (0215 544 8/15 Thompson-CA) ((2020 Gd 8/15 Kobylski-MD) (0000 314 8/6 Mockier-QUE)

15615 0415 Reshet Bet: Hebrew; Pepsi ad, exercise px? (434 8/16 Lentz-WI)

17630 2242 KY: EE; Sppech by Sharon, Item on PLS (454 8/28 Krist-VA) (2027 334 8/28 Halbert-CA) (1951 343 8/28 Ulmer-LA)(2000 555 8/8 Hamer-MN) (1848 343 8/2 Robichaud-NB)

17685 2245 Reshet Bet: Hebrew; YL Tx, Nx? (434 8/5 Dampier-NY)

21495 2000 KY: EE; Nx, ID, "mailbag" FF*2030 (544 8/15 R. de Kiewit-HOLLAND)

JAPAN

3925 1317 JOZ/Sapporo-Nihon Shortwave Braodcast Co. Ltd-Px 1: JJ; 2 YL Tx (222 8/30 Grenier-CA)(0923 444 8/19 Famularo-CA)(1259 222 8/11 Palmer-WA)

3945 0945 JOZ5-NSB-Px 2: JJ; OM EE Lang Lesson, YL ID 1000* (333 8/19 Famularo-CA)

6055 1110 JOZ2: NSB-Px 1: JJ; OM/YL, Sports? (322 8/14 Hotaling-NV)

6155 0926 Far East Network: EE; ID YL, OM Nx (322 8/26 Wilczek-IL)

9505 2200 R. Japan: EE; OM World Nx (544 9/5 Valentine-CA) (1504 423 8/12 Moore-TX) (*1500 443 8/9 Famularo-CA)

9595 0946 JOZ3-NSB-Px 1: JJ; OM Tx, Pop JJ Mx, Ads, TP (333 8/19 Cucura-PA) (1715 354 8/18 Famularo-CA)(0600 323 8/7 Lord-CA)

9635? 1108 RJ: EE; World Nx, ID (323+ 8/22 Famularo-CA)

11780 1843 RJ: EE; Rpt on World Environmental Conf, ID, RR *1900 (343 8/14 Famularo-CA)

11815 1505 RJ: EE; Nx, Wx, Cmty (343 8/29 Ulmer-LA)

15195 0130 RJ:EE; ID,Sked, Nx, Cmty (433v 8/22 Famularo-CA)

15235 1620 RJ: ? Lang; Nx, Dx Corner, Recp Reports, etc. (433 8/22 Harrell-IL)

15285 *0958 RJ: EE; IS, ID, Nx (232 8/27 Seitner-VA)

15325 0715 RJ: EE; Cmty on Kenya into JJ Px (444 8/11 Halbert-CA)

17755 0305 RJ: EE; World Nx, Mx, ID (242 9/1 Beilke-MO)(2225 555 8/28 Zolla-CA) (0000 343 8/27 Robichaud-NB)(2100 433 8/26 Sanderson-AZ)(*2100 333 8/23 Addison-KS)(*0300 322 8/16 Stephany-NY)

17810 0358 RJ: JJ; IS, ID, // 11755 (354 8/15 Halbert-CA)

17825 0143 RJ: EE; OM Txon JJ companies open planst in other countries (534 8/19 Halbert-CA)

21610 0130 RJ: EE; Nx, OM Tx, Nx cmty (343 8/29 Olson-MD)(0146 252 8/17 Lentz-WI)(0130 453 8/17 Wilkins-CO)(0130 454 8/17 Thompson-NM)(0150 353 8/9 Famularo-CA)

21640 0135 RJ: EE; Nx, Cmty, "Current topics" (333 8/18 Greenbauer-AZ)

People's Republic of KAMPUCHEA

11938 1217 Voice of People of Kampuchea: EE; YL Tx, ID, Mx, OM ? Lang (322 8/24 Gayle Van Horn-TX)

Democratic People's Republic of KOREA (North)

4120 *1000 Voice of Revolutionary Party for Reunification: KK; IS, YL, Martial Mx, OM Tx (433v 8/22 Famularo-CA) (NV)

4272c 1110 Choson Chongan Kangson/Kanggye: KK; OM/YL Tx, Mx, (222 8/27 Hotaling-NV)

6251 0920 CCP/Pyongyang: KK; OM/YL, Mx 9029* (222 8/19 Hotaling-NV)

9745 1110 R. Pyongyang: EE; Nx, Quotations, Mx (354 9/10 McCants-AL)(1300 Fr 8/15 Parks-FL) (1215 333v 8/19 Famularo-CA)

9977 1132 RP: EE; Tx on 'great leader', Mx (?44 8/28 Drollinger-WI)(1100 354 8/28 Hatfield-NY)(1230 243 8/16 Manning-TX)(1111 444 8/23 Ross-ONT) (*1100 353 8/22 Welch-MA)(1230 454 8/20 Thompson-NM)(1242 444 8/17 Lentz-WI)(1233 555 8/16 Palmer-WA)(1153 353 8/15 D'Angelo-PA)(1140 OH) 333 8/11 Harrell-IL)(1100 555 8/9 Hamer-MN)(1210 444 8/5 Schulsinger-RP: EE; Mx, ID, "Everything for the People" (433 8/29 Carlson-WA)

11880? 1550

Republic of KOREA (SOUTH)

3985 *1400 R. Echo of Hope: KK; S/on, KK Folk Mx, OM, YL (343v 8/15 Famularo-CA)

5975 1110 Korean Broadcasting System/Daegu: KK; OM/YL, Mx (333 8/28 Hotaling-NV)

7275 1125 R. Korea/Suweon: JJ; OM Tx, YL, Mx(544 8/12 Miller-CA)

7550 2030 RK: SS; son Fx, Ann., Nx Om (444 9/4 Pimblett-ENGLAND)

9570 1030 RK: EE; Tx OM, ID, Tx on KK (434 9/6 Sharp-FL)(1030 333 8/22 Ward-QUE) (*1000 353 8/7 Welch-MA)

9720 1330 RK: EE: Tx on Pres of ROK TO Afr (434 9/4 Grenier-CA)(1514 343 8/29 Ulmer-LA)(1358 333 8/23 Harrell-IL)(1330 444 8/9 Hamer-MN)(1330 444 8/8 Lord-CA)

Republic of Korea con't

9870 1254 RK:FF; Nx OM, YL Ann, address ID (232 8/16 Palmer-WA)
 11830 1645* RK: EE; ID, YL Mx (433 9/1 Speer-CA)(1630 444 8/30 Valentine-CA)
 (1600 334 8/19 Lentz-WI)(1600 434 8/11 Famularo-CA)(1600 454
 8/10 Thompson-NM)
 15375 2130 RK:EE; Nx, Cmty, "Thouring Korea" (444v 8/20 Tanaka-JAPAN)
 15575 0200 RK: EE; Nx, Cmty (343 9/6 Zilmer-NM)(0240 344 8/29 Zolla-CA)

State of KUWAIT

11675v 1900 R. Kuwait: EE; Nx Px, "The Past Week in Kuwait", Pop Mx (434
 8/28 Hatfield-NY)(1956 333 8/22 Berkholtz-MN)(1835 343 8/22
 Pickard-IL)(2030 444 8/21 Lentz-WI) (2050 333 8/17 Leeman-RI)
 (2010 454 8/16 Olson-MD)
 15495 2030 RK: AA; Eastern Mx, ID, Nx (343 8/25 Welch-MA)(0433 333 8/25
 Gayle Van Horn-TX)(454 8/13 Thompson-NM)
 17650 1927 RK: AA; AA Mx, OM, ID, OM, MX, Tx YL (343 8/28 Ulmer-LA)

LAO People's Democratic Republic

4285 1314 National Radio of Laos/Vieng Xay: Lao/FF; Mx Chimes, Tx Peronpang;
 Mx, Jingle IDs (252 8/31 George-FL)

Republic of LEBANON

15360 1915 R. Lebanon: FF Nx on Lebanese War (343 8/2 Robichaud-NB)

MALAYSIA

(Peninsular)

7295 1326 Voice of Malayisa/Penang: EE; Om Nx, Sx, YL ID, Cmty on Malay-
 Singapore, OM (344 8/24 Preston-CA)
 9515 1315 RTM-Kuala Lumpur: Bah/Malay; OM, Sport Broadcast, // 5965 (333 8/10
 Hotaling-NV)

(Sabah)

4970E 1121 RTM-Sabah: BM?; Pops, Ezl Mx, OM Tx (? 8/22 Wilczek-IL)

(Sarawak)

4895 1420 RTM/Sarawak-? Network: Bahasa/Malaysia; OM Chants, YL Tx, Mx
 chants // 5005 (444 8/15 Famularo-CA)
 4950 1421 RTM/Sarawak-Red Network: EE; ID, Nx, outbreak of dengue fever
 (344 9/2 Halbert-CA) (1335 443 8/28 Thompson-CA) (1440 434v 8/12
 Famularo-CA) (1230 454 8/12 Thompson-NM)
 5030 1230 RTM/Sarawak-Blue Net: Bidayah; time pips, ID, Nx OM, Mx (454 8/25
 Thompson-NM)
 6050 1220 RTM/Sibu: Iban; OM/YL Tx, Orch Mx, IS, Vocal, Fx, Nx green net
 (454 8/31 Thompson-NM)
 7160 1400 RTM-Sarawak-Red Net: EE; OM, Nx, SEA Financial Nx, Weekly roundup of
 asia, OM World Nx (233 8/21 Preston-CA)(1335 333 8/19 Carlson-WA)

MONGOLIAN'S People Republic

12070 *1401 R. Ulan Bator: EE; Is, Nx (222 8/28 Wilkins-CO) (1200 252 8/21 Hesch-
 NY)(1153 252 8/21 Welch-MA)(1202 232 8/19 Cucura-PA)(*1445 333 8/18
 Carlson-WA)(1200 222 8/13 Harvey-QUE)(1400 334 8/9 Hamer-MN)(1128
 322 8/9 Hotaling-NV)

NEPAL

9590 1442 R. Nepal: EE; YL Tx on Nepal, Asian/Oreintal Mx, Tx of Hospital
 For villages, ID (222 8/8 McLain-CA)

Islamic Republic of PAKISTAN

15495 0400 R. Pakistan: Farsi; T-ID, whaling Mx, AA Mx? (344 8/16 Lentz-WI)
 15550 1650 RP: EE: Recitation from Quran, EE Translation (433 8/18 Pimblett-ENG.)
 15565 1605 RP: EE; Sl-speed Nx OM, ID, 1615* (333 8/17 Carlson-WA)
 17640 1139 RP: Burmese: Chanting, Mx, OM Tx ID (333 8/23 Ross-ONT)
 21485 1605 RP: EE; Nx Bulletin YL, 1615 ? Lang (423 8/14 Hatfield-NY)
 21595 0238 RP: EE; YL, News bulletin, ID, 0245* (222 8/19 Ward-WY)

Republic of PHILIPPINES

6120 1245 Far East Broadcasting Corp: CC; CC Mx, Tx OM/YL, Mx (334 8/12 Miller-
 9545 1250 VOA/Relay: EE; Tx on Family Life, Mx, TC (454 8/21 Thompson-NM)
 9579 1046 Radyo Pilipinas: EE, ?Land; Mx, Tx YL (332 9/4 Sharp-FL)
 9605 1140 R. Veritas Asia: EE; 1200* (333 8/25 Manning-TX)(1430 222 8/22
 Dampier-NY) (1130 443 8/7 Miller-CA)
 9670 1500 RVA: EE; Nx, End of EE Sve (444 8/21 Speer-CA)
 11155 1426 RVA: EE; EE, "Collector's item" Px (8/19 Newkirk-WA)

Philippines con't

11715 1110 VOA/Relay: EE; World Nx, ID (433 8/24 Gayle Van Horn-TX)(1145
333 8/19 Dampier-NY)
11720 1230 RVA: JJ; YL OM Tx, Filipino Mx, YL Tx on Philippines & USA
(544 8/10 Miller-CA)
11760 0930 RVA: EE; Tx, Nx YL (444 8/26 Dampier-NY)
11800? 2106 RVA: KK; West Pops, ID in EE, KK Px (333v 8/16 Tanaka-JAPAN)
11820 1600 RVA: Bengali; OM Tx, EE ID, Address, sked 1610* (333 8/25
Famularo-CA)(0535 433 8/22 Miller-CA)
11890 0957 FEBC: EE/? lang; Px preview, ID, into ? Lang (242 8/15 Welch-MA)
(0940 433 8/14 Greenbauer-AZ) CA)
11955 1430 RVA: EE; Interview Px, Nx, Mx, footnoote, world nx (544 8/10 Miller-
12220 1502 VOA: EE; Nx HARMONIC OF 6110 (Pr 8/29 Newkirk-WA)
15440? 1300 FEBC: EE; ID OM, "Bible school of air" (333 8/21 Harvey-QUE)
17740 1713 VOA: Swahili?/PP; Afro vocals, OM, ID, IS EE ID, into PP OM Nx
(232 9/4 Thompson-CA)
17810 0030 FEBC: EE; Religious Px (333 9/6 Zilmer-NM)(0030 333 8/1 Dampier-NY)

QATAR

15505? 1711 Qatar Broadcasting Sce: AA; Mx, ID (333 8/24 Kanon-NY)
17910? 1620 QBS: AA; Vocals, OM, YL ID 1640* (353 8/19 Wilkins-CO)

Kingdom of SAUDI ARABIA

15050 1808 BSKSA: AA; Tx of Israel, USA, Mx, ID 9343 8/28 Kanon-NY)

Republic of SINGAPORE

5052 1410 R. Singapore: EE; OM Tx on Asian Youth Soccer, ads (444v 8/14
Famularo-CA)
6010 1430 BBC Relay: Hindi; Pips, BBC ID, YL/OM (222 8/27 Hotaling-NV)
6195 1215 BBC: EE; Mx, Nx, Spts (323 8/5 Duguay-MA)
9740 1738 BBCRelay: EE; Cricket Match (232 8/13 Famularo-CA)
11750 1240 BHC Relay: EE; Class Mx, TC, Big Ben, Sports (454 8/10 Thomspson-NM)
11940 1435 RS: EE; Pop Mx (444 8/24 Grenier-CA)(1504 433 8/23 Thompson-CA)
15225 1513 BBC Relay: EE; YL Tx, ID, Sports (422 8/14 Palmer-WA)

Democratic Socialist Republic of SRI LANKA

9720 1230 Sri Lanka Broadcasting Corp: EE; IS, Native drums, ID, YL, Mx
(322 8/24 Gayle Van Horn-TX)
11835 1100 SLBC: 1130* (353v 8/29 D'Angelo-PA)(1100 333 8/28 Kanon-NY)(1103
333 8/1 Hesch-NY)

THAILAND

9655 1130 R. Thailand:EE; Oriental Mx, IS, t-ID, YL (222 8/16 Famularo-CA)

TURKEY

7155? 2227 Voice of Turkey: EE; OM/YL, Cmty on UN, ID, Mx (323 8/8 Seitner-VA)
11900 2244 VoT: (322 8/29 Beilke-MO)(2230 534 8/28 Hesch-NY)(2200 443 8/21
Fraser-MA)(2256 454 8/11 Palmer-WA)
15125 1350 VoT: EE; Turkish Mx, ID, Tx on Turkey, Mx (222 8/25 Gayle Van Horn-TX)

UNION OF SOVIET SOCIALIST REPUBLIC

Armenian SSR

17870 *0253 V. Of Yerevan: EE; Mx, ID, Nx, ID, address (423 8/16 Stephany-NY)

RSFSR-Far East

4485 1330 Ashkabad via site?: RR; YL ID "Govorit Ashkabad" OM/YL (444 8/12
Famularo-CA)
4520 1516 Palana: Byelorussian; Polka Mx, ID, Tc (424 8/30 George-FL)
7320 1025 Magadan: RR; YL, Mx, Pips, OM //9500 (433 8/28 Hotaling-NV)

Uzbekistan

11785 1200 R. Tashkent: EE; s/on nx, Cmty, Mailbag 1228* (323 8/28 Hatfield-NY)
15460 1200 RT: EE; Cmty on Women in Space, Mailbag, Preview(9/28 Grishin-ONT)

UNITED ARAB EMIRATES

15300? *0330 UAE Radio: EE; YL Nx, SPorts, Wx, tx on AA Arts // 17775 (353 8/23
Pickard-IL)(0334 232 8/13 Greenbauer-AZ)
15320 1638 UAE Radio: EE; YL Nx, AA 1643 (544 8/18 Pimblett-ENGLAND)(1620 433
8/17 Carlson-WA)
17775 1959 UAE Radio: (333 8/28 Ulmer-LA)(*0330 343 8/25 Preston-CA)(0329 343
8/17 Beilke-MO)(0330 444 8/14 Smith-FL)(0330 343 8/9 Famularo-CA)
21655 1637 UAE Radio: EE YL Nx, ID, request for reports (333 8/14 Grenier-CA)

Socialist Republic of VIETNAM

10060 1211 Voice of Vietnam: VV?; OM/YL, Mx (433v 9/3 Leder-NJ)
 15010 1340 VoV: (242 8/30 Cucura-PA)(1900 242 8/25 Thompson-CA)(1904 454 8/18
 Pimblett-ENGLAND)(1800 333 8/13 Famularo-CA)(2043 333 7/25 Chituck-IT)

People's Democratic Republic of YEMEN

11770 1459 DYBC: AA; IS, Time Pips, ID, Nx OM, Tnst Mx Tx (444 8/20 Thompson-NM)

YEMEN ARAB REPUBLIC

9780 0245 R. San'a: AA; Mx, OM Tx (222 8/28 Dampier-NY)(0345 322 8/17 Wilkins-
 CO)

OCEANIA

ANTARCTICAArgentinian Sector

15474v 2235 LRA 36/R. Nacional Arcangel San Gabriel: SS; YL, Mx, ID in EE (343
 8/31 Pickard-IL)(2306 222 8/13 Wilczek-IL)

Commonwealth of AUSTRALIA

4920 0900 VLM4-Australian Broadcasting Corp/Brisbane: EE; ABC Nx (212 8/27
 Lord-CA)(1215 233 8/25 Manning-TX)
 5995 1100 R. Australia/Lyndhurst: EE; OM Nx, Econ. (433 9/5 Valentine-CA)(1300
 333 8/8 Lord-CA) (1100 333 7/26 Duguay-MA)
 6045 1030 RA/L: EE; YL dj, Address, Fx (322 8/5 Duguay-MA)
 6050? 1405 RA/? : EE; OM Nx, ID (232 9/6 Reese-KS)
 6150 1213 VLR 6-ABS/Lyndhurst: EE; Px on Jazz Mx, Cmty OM (Fr 8/13 Parks-FL)
 9570 0745 RA/Shepparton: EE; Country Mx Px (434 8/25 Halbert-CA)
 0580 *1058 RA/S: (454 8/28 Krist-VA)(1100 444 8/22 Ward-QUE)(1212 444 8/15
 Demmitt-PA)(1115 544 8/11 Harrell-IL)(1230 555 7/28 Duguay-MA)
 9610 1000 VLW 9-ABC/Wanneroo: (323 8/28 Lord-CA)(1405 333 8/24 Kerrigan-IL)(1421
 323 8/17 Lentz-WI)(1255 343+ 8/15 D'Angelo-PA)(1144 433 8/7 Greenbauer-)
 9680 0737 VLR 9-ABC/L: EE; Mx, TC, Mc, Tc (353+ 8/10 D'Angelo-PA)(0900 333 8/11
 Schulsinger-OH)
 9710 1240 RA/C/S: FF; "Aust. folklore: Mx, Book Rev. ID (333 8/25 Manning-TX)
 (1224 454 8/15 D'Angelo-PA)
 9760 0744 RA/S: EE; Rock Mx, ID (444 8/17 D'Angelo-PA)
 9770 1240 RA/S: EE; "Australian Inventors" Px, Nx, Edit, Mx (353 8/17
 Schulsinger-OH)(1350 433 8/6 Schroeder-WI)
 11820 1054 RA/S: EE; West. Pops, Nx, "Aust Insight" (444 8/25 Tanaka-JAPAN)
 15130 1140 RA/S: CC; OM, Mx, ID (444 8/5 Seitner-VA)
 15160 0615 RA/L: EE; Pop Mx, Aussie Jazz (333 8/24 Lord-CA)(0541 544 8/14
 Harrell-IL)
 15240 0508 RA/L: EE; OM Nx, Tx on World Banking System (353 9/7 Traver Smith-CA)
 15320 0458 RA/S: FF; OM, YL TC Mx (454 9/7 Traver Smith-CA)
 15425 0705 VLW15-ABC/Wanneroo: EE; Nat'l/Int'l Nx (344 8/11 Halbert-CA)
 17755 0604 RA/S: EE; Mx, "Aust. Today" TC Sx // 11795 *343 8/18 Ulmer-LA)
 17790? 0330 RA/? : EE; Am Mx, TC, Aug. is Computer Month (353 8/12 Smith-FL)
 17795 0610 RA/S: (544 8/29 Hill-SC)(*0400 344 8/25 Preston-CA)(0330 Gd 8/16
 Kobylski-MD)(0305 333 8/15 Hill-SC)(0600 253 8/14 Beilke-MO)(0206
 433 8/10 McCants-AL)(0500 444 8/5 Robichaud-NB)(0330 343 7/24
 Tedfords-MI)
 17890 1505 RA/S: EE; World Nx, Aust. Items, Tx (434 9/3 Grenier-CA)
 21650 2315 RA/S: EE; Rock Mx, ID, beam to Pac/PNG (233 8/22 Halbert-CA)
 21680 0551 RA/S: EE; Interview, beamed to Asia, Afr, PNG (233 8/23 Halbert-CA)
 21740 0227 RA/S: (333 8/20 Sanderson-AZ)(0042 323 8/29 Berkholtz-MN)(0210 343
 8/24 Latko-OH)(0125 444 8/20 Gayle Van Horn-TX)(0122 455 8/19 Halbert
 CA)(0230 444 8/18 Schulsinger-OH)(0030 Fr 8/14 Kobylski-MD)(0030 444
 8/9 Famularo-CA)(0220 433 8/8 Harrell-IL)(0135 222 8/6 Hill-SC)

COOK ISLAND

11760 0615 Cook Island Broadcast & Newspaper Corp: ? Lang; Rod Stewart, Nx
 (232 8/14 Tedfords-MI)

GUAM

9505 1400 KTWR: EE; Religious Px (322 9/7 Zilmer-NM)(1530 433 8/17 Miller-CA)
 9535 1530 KTWR: EE; Jack Van Impe Px (433 8/17 Dampier-NY)(1548 333 8/13
 Thompson-CA)
 9590 1200 KTWR: ? Lang; OM Tx, EE ID, Reli Px (444 9/6 Sharp-FL)
 11840 0810 KTWR: (333 8/29 McCants-AL)(0830 343 8/24 Latko-OH)(0745 242 8/14
 Tedfords-MI)(*0745 252 8/10 D'Angelo-PA)
 11920 1445 KTWR: (333 8/22 Speer-CA)(1503 544 8/23 Thompson-CA)(1520 333 8/12
 Palmer-WA)

NEW CALEDONIA

7170 1000 FR3/R. Noumea: FF; OM Tx, ID, Light Mx, OM Tx, 1100* (333 9/7 Sharp-FL)(0915 322 8/23 Ward-QUE)(0705 323 8/23 Gayle VanHorn-TX) (0942 243 8/21 Kanon-NY)(0658 444 8/13 Palmer-WA)(0700 232 8/10 Dampier-NY)

NEW ZEALAND

11960 0900 R. New Zealand: EE; Nx, Tx (453 9/6 Howarth-WA)(1200 544 9/5 Valentine-CA)
 15485 0540 RNZ: EE; Interviews(252 9/4 Beilke-MO)(0500 244 8/31 Preston-CA) (0420 454 8/23 Dampier-NY)(0555 343 8/18 Ulmer-LA)(0654 8/11 Halbert-CA)(0410 333 8/8 Harrell-IL)(0528 333 8/7 Kobylski-MD)
 17705 0503 RNA: EE; Nx, Wx (322 8/23 Gayle VanHorn-TX)(0351 333 8/21 Beilke-MO) (0131 343 8/19 Halbert-CA)(0220 322 8/14 Hill-SC)(0500 444 8/7 Famularo-CA)(0223 252 8/7 Welch-MA)

PAPUA-NEW GUINEA

2340 1107 R. West New Britain: Pidgin; OM Tx, ID, ads?, tribal Mx, US Pops (222 9/1 Sharp-FL)
 2377 1121 R. Chimbu: Pidgin/EE; Local Mx, Pops, vocals, ID (232 9/1 Sharp-FL)
 2467t 1146 R. Popondetta: Pidgin; OM Tx, Local Mx (221 9/1 Sharp-FL)
 3205 1232 R. West Sepik: Pidgin; Choral Mx, Tx, Mx 1303* (343 8/27 Thompson-NM)
 3275 1136 R. Southern Highlands: ? Lang; Tribal Mx, OM Ann (222 8/8 Wilkins-O)
 3335 1200 R. East Sepik: EE/Pid; OM Tx, ID, Nx? Mx (333 9/1 Sharp-FL)(1215 1300* 444 8/26 Thompson-NM)
 3385 1230 R. East New Britain: Pidgen; Piano Mx, OM Tx, ID, 1300* (444 8/22 Thompson-NM)
 3905 1044 t-R. New Ireland: Pidgin?; Local Ezl Mx, OM Ann, Nx YL (322 8/5 Wilczek-IL)
 3925 1235 P2K3/NBC-Port Moresby: EE; "Mx, OM/YL Tx, Mx (444 8/24 Thompson-NM)
 4890 1100 P2T4/NBC-Port Moresby: EE; ID OM, Nx, YL, Ads, Mx (433 9/2 Sharp-FL)(1204 322 8/26 Manning-TX)(1015 333 8/19 Cucura-PA)(1155 334 8/17 Lentz-WI)(1210 433 8/16 Famularo-CA)
 9575 2001 P2K9/NBC-Port Moresby: Esperantb; Pottery Px, Aust. Stock Quots, wx, ID (434 9/2 George-FL)

POLYNESIA (French)Tahiti (Society Islands)

6135 0637 R. Tahiti: Tahitian; Local Island Mx, YL ID, Mx (333 9/1 Sharp-FL)
 11825 0731* R. Tahiti: FF; Pop Mx, Ezl Mx, s/off annt, times, fx ID // 15170 (454 8/24 D'Angelo-PA)(0516 444 8/23 Gayle Van Horn-TX)(0546 544 8/10 Miller-CA)(0520 444 8/9 Wilkins-CO)
 15170 0511 R. Tahiti: Polynesian: YL Tx, // 11825 (353 9/7 Traver Smith-CA) (1715 444 9/5 Valentine-CA)(0315 444 8/15 Hill-SC)

SOLOMON ISLANDS

5020 1000 Solomon Islands Broadcasting Corp: EE; OM Tx, ID (333 9/2 Sharp-FL)(1033 332+ 8/22 Famularo-CA)
 9545 0710 H4B9/SIBC: EE; Mx, Local Time, Ads, Preview of Nx, ID (353 9/6 Beilke-MO)(0730 444 8/25 Halbert-CA)(0732 322 8/23 Gayle Van Horn-TX) (0753 242 8/14 Tedfords-MI)(0709 444 8/13 Palmer-WA)(0715 454 8/10 D'Angelo-PA)(0639 333 8/9 Ross-ONT)

VANUATU

7260 0832 R. Vanuatu: FF; FF Nx OM, YL Tx, ID (Fr 8/10 Wilczek-IL)

+++++
 "The Sept. 1982 Ed. of 'Radio Japan News', a monthly pub by NHK, stated that the Ministry of Posts and Telecommunications would be carrying out field experiments using SSB transmissions in the Autumn. For two weeks from the end of Sept. to mid-Oct, R. Japan's external service px would be beamed to the Pacific coast of the US in SSB mode simultaneously with the conventional sked fx.--BBCMS Copyrighted.

Address for listener's letters to R. Afghanistan is: Radio Afghanistan-Kabul, Ansari Watt, Post Box 544, Kabul, Afghanistan--BBCMS

Well this ends my second year as the A/O editor. I have enjoyed the 2 years and have made some changes--thanks for the constructive criticism. I look forward to the new year for me ahead and the loggings which you will send. I hope the DX season will bring you good dx and that you will send in those reports, after all without you there is no SPEEDX. THANKS TO ALL THE CONTRIBUTORS THIS MONTH--See you next month!

Tom!

WORLD SERVICE STATION SKEDS

EMISSIONS

PROGRAMMI

TRASMISSIONI

BULLETTIN DE PROGRAMMES

Editor:
CHRIS LOBDELL
P.O. Box 146
Stoneham, MA 02180

PROGRAMS

ENGLISH SERVICE

SERVIZIO

PROGRAMME SCHEDULE

Deadline: 12th

COMUNICATI NEL CORSO

Hi folks. Welcome to colder weather and shorter days. To those readers that are DXers, the season is in full swing. The S82 broadcasting period that we are now in will last until the first Sunday in November. Unless otherwise stated, schedules are for English programs, times are in GMT/UTC. Schedules credited to the BBC MS are copywritten by the BBC's World Broadcast Information Division and are used by permission. On to the schedules:

ALGERIA. Radiodiffusion-Television Algerienne in Algiers has the following sked, current as of August 19th.

2000-2030 9510, 15370 Europe, Africa, Middle E.

(BBC MS)

AUSTRIA. The Osterreichischer Rundfunk (ORF) in Vienna sends us this S82 schedule.

0130-0200 5945 North America
9770 " "
0330-0400 5945 " "
9770 " "
0430-0500 12015 WCNA
21500 Southeast Asia
0830-0900 6155 Europe
15410 Middle East
17820 Australia-NZ
21535 South Africa
1230-1300 6155 Europe
9770 " "
17895 Australia/SE Asia
21535 North America
1830-1900 6155 Europe
15185 East Africa
15560 Middle East
17740 South Africa

The ORF will be using a new aerial from time to time during these broadcasts and are interested in reception reports to evaluate its effectiveness.
(R. Fraser)

BRAZIL. Radio Bras has this external service schedule.

0000-0100 9665 Spanish Latin Am
0145-0200 15290 Portug. Cent. Am
17830 " " "
0200-0300 15290 English CAm/N Am
17830 " " "
1800-1815 15125 Portug. Europe
17805 " " "
1815-1915 15125 English " " "
17805 " " "
1915-2015 15125 German " " "
17805 " " "

BRAZIL: Continued.

2045-2100 15280 Portug. Africa
2100-2200 15280 " " "
2345-0000 9665 " C Am/N Am
(BBC MS, D. Black, A. Seitner)

BULGARIA. Radio Sofia has this sked according to David Sharp.

0000-0100 9700 North America
15110 " "
0400-0500 11750 " "
0730-0800 11720 Europe
15110 " "
1930-2000 9700 " "
15110 " "
2130-2200 9700 Europe
11850 " "
15135 North America
2230-2330 9700 " "
15110 " "

(D. Sharp)

CAMBODIA. The Voice Of The Kampuchean People in Phnom-Penh has this schedule, current as of August 12th.

0000-0015 9695 Southeast Asia
11938 " "
1200-1215 9695 " "
11938 " "

(BBC MS)

FINLAND. Radio Finland in Helsinki has this North American Service sked effective September 26th.

1200-1225 15400 Monday thru Saturday
21475 " "
1300-1325 15400 " "
21475 " "
1330-1500 15400 Sunday
21475 " "
1400-1425 15400 Monday thru Saturday
1500-1525 15400 Daily
21475 " "

(R. Hesch, W. Pickard, L. Taylor)

ISRAEL. Kol Israel in Jerusalem is following this S82 transmission schedule.

0000-0030 9815 Europe/N. America
11640 " "
15585 " "

ISRAEL (CONTINUED):

0100-0125 9815 Europe/N. America
 11640 "
 15585 "
 0200-0225 9815 "
 11640 "
 15585 "
 0500-0515 7465 Eastern Europe
 9815 Europe/ N. America
 11640 Australia/N.Z.
 12025 Eastern Europe
 15105 Europe/N. America
 15485 Eastern Europe
 17685 Eastern Europe
 21495 Europe/N. America
 21710 Australasia
 1200-1230 7465 Eastern Europe
 15585 Europe/N. America
 15485 Eastern Europe
 15605 Australasia
 17630 Europe/N. America
 17685 Eastern Europe
 21495 Europe/N. America
 21625 "
 25640 Eastern Europe
 2000-2030 9009 Africa
 11640 Europe/N. America
 13745 "
 15105 Eastern Europe
 15475 Europe/N. America
 15485 Eastern Europe
 15585 Europe/N. America
 17685 Africa
 2230-2300 11640 The Americas
 13745 Europe/N. America
 15105 Eastern Europe
 15485 "
 15585 Europe/The Americas
 17630 Europe/N. America
 17685 Eastern Europe
 21495 Latin America

HEBREW RESHET BET & HEH TO N. AMER.

0030-0100* 9815
 0400-0615 11655, 15615
 0615-1200 17630
 0615-1400 25605
 1300-2000 17630
 1800-2315 13725, 11610
 2000-2315 15615
 * = Reshet Heh, all others are Reshet Bet.
 (J. Levin, T. Smith, R. Zilmer)

JAPAN. Radio Japan (NHK) in Tokyo. The S82 sked to the Americas.

0130-0230 15195, 17825, 21610, 21640
 2345-0045 17825, 21610
GENERAL SERVICE PROGRAMS
 0100-0130 17755
 0300-0330 17755
 0500-0530 15325
 0700-0715 15325
 0900-0930 9505
 1100-1130 9505
 1300-1345 9505
 1500-1545 9505
 1700-1730 9505
 1900-1945 17755
 2100-2130 17755
 2215-2230 17755 (M. Hamer,
 2300-2330 17755 W. Pickard, Zilmer)

KOREA. Radio Korea, complete English schedule effective from September 5th.

0000-0100 7275 General Service
 0200-0300 11810 The Americas
 15575 General Service
 0400-0500 9640 "
 0530-0630 11810 The Americas
 11820 Europe
 15575 "
 1000-1100 9570 South America
 1130-1230 9870 ME/Africa/India
 15575 ME/North Africa
 1300-1400 6135 General Service
 1330-1430 9750 The Americas
 1600-1700 7550 ME/N. Africa
 11830 The Americas
 1900-2000 9870 Europe
 2130-2230 15375 General Service
 15575 Europe
 (J. Berri, J. Lambert, P. Thompson)

MONGOLIA. Radio Ulan Bator. We have two differing schedules so I will present them both:

FROM THE BBC MS
 1200-1230 6383, 12070 Southeast Asia
 1400-1430 9575, 12070 "
 1445-1520 9575 12070 "
 FROM CARL RADTKE
 1200-1235 6383, 7235, 12070 "
 1400-1435 6383, 7235, 12070 "
 1445-1520 6383, 7235, 12070 "
 Transmissions daily except Sunday

MOROCCO. Radio-TV Marocaine in Rabat has this Arabic Home Service Dated August 26th.

0000-1000 15105, 15335, 17705
 1000-1100 15335
 1100-1700 15335, 15360, 17815
 1700-2000 15330, 15335, 17815
 2000-2100 15105, 15335, 17710
 2100-0000 15105, 15335, 17705
 (BBC MS)

NEPAL. Radio Nepal in Kathmandu, undated schedule.

1435-1520 3425, 9590
 (M. Witte)

NIGERIA. Radio Kwara at Ilorin has this schedule valid until the end of December.

Language are English, Vernaculars.
 0400-2303 7145
 (Direct.)

QATAR. The Qatar Broadcasting Service in Doha sends this sked. Transmissions are in Arabic.

0245-0705 9570, 15505
 0705-0900 9570
 0900-1600 9570, 17910
 1600-1700 17910
 1700-2130 15505
 (BBC MS, F. Welch)

SOUTH AFRICA. The S82 Radio RSA schedule to North America.

0200-0257 5980, 9615, 11900, 15325
 (R. Zilmer)

SWAZILAND. Trans World Radio in Manzini has this schedule (S82) valid until November 1982.

0430-0445	5950	S. Africa	Daily
0445-0630	5950	"	"
	11760	"	"
0645-0835	7295	"	Mon-Sat.
	11760	"	"
0645-1000	7295	"	Sunday
	11760	"	"
1200-1400	7295	"	Daily
1600-1700	7210	"	"
	11740	Malawi/Zamb."	
1700-1800	11740	East Africa	"
1800-1845	11740	Zimbabwe	"
1800-2015	5055	South Africa	"
1900-1945	11740	East Africa	"

(C. George, N. Murff)

SWEDEN. Radio Sweden in Stockholm has this complete English sked valid until November 7th.

0230-0300	9695	North America	
	11705	"	
1100-1130	9630	Europe	
	21610	Australia/N.Z.	
1230-1300	15190	East Asia	
	21690	Africa	
1400-1430	21615	North America	
	21700	South Asia	
1600-1630	6065	Europe	
	17840	South Asia	
1830-1900	6065	Europe	
	15240	Africa	
2100-2130	11955	Middle East	
	15240	Africa	
2300-2330	9695	North America	
	11705	"	

(W. Pickard II, R. Zilmer)

TURKEY. The Voice Of Turkey In Ankara. Current schedule.

1200-1300	9560	North America	
1330-1430	15125	Southwest Asia	
2030-2130	9625	Western Europe	
2200-2300	7155	"	
	9560	North America	
	11770	Southeast Asia	

(W. Pickard II, T. Smith, R. Yajko)

UNITED ARAB EMIRATES. Radio Dubai sends this schedule valid until the end of October.

0330-0400	11940	India/Pakistan	
	15300	North America	
	17775	"	
0530-0600	17775	Australasia	
	17830	Japan	
	21700	Australasia	
1030-1100	21655	Europe/Africa	
	21695	"	
1615-1700	15320	Europe	
	17775	"	

(T. Smith)

VATICAN STATE. The Vatican Radio adheres to this schedule.

0100-0115	6015	daily N. America	
	9605	"	
	11845	"	
0200-0215	9605	T-t-S Australasia	
	11965	"	
	15120	"	

VATICAN STATE (CONTINUED)

0445-0500	6190	daily	Europe
	9645	"	"
1115-1130	17840	M-t-S	E. Africa
	21485	"	"
1200-1215	17840	"	Africa
	21485	"	"
1345-1400	7250	daily	Europe
	9645	"	"
	11740	"	"
1500-1515	11810	M-t-S	"
	15110	"	"
	17810	"	"
1600-1615	11810	daily	Africa
	15120	"	"
	17730	"	"
1930-1945	6190	"	Europe
	6210	"	"
	7250	"	"
	9645	"	"
2045-2100	9625	"	Africa
	11700	"	"
	15120	"	"
2115-2130	9645	"	"
	11700	"	"
	15120	"	"
2210-2230	9615	"	Australasia
	11830	"	"
	15120	"	"

(D. Ewing, W. Pickard II)

RECEIVED AT PRESS TIME:

FRANCE. Here is the S82 schedule for the English language "Paris Calling Africa".

TIME: 1600-1700

FREQUENCIES: 11845
15300
15315
17620
17720
17795
17850
21525
21580
21620

(Direct)

Well, that wraps up the column this month. Hope you enjoyed it.

Here are a few reminders when reporting:

1. Put your last name and first initial on each sked.
2. Do not write of both sides of the paper.
3. Make sure that the times are in UTC/GMT. If not, please specify the time zone used.
4. Please don't request schedules be returned; make photocopies if you want to keep the original.

That's all for this time.

73/God Bless You All, *Cyber*

CAN :	6693	U 0247	CFH- CANMIL Halifax wkg COMORANT (JRJ-MS)	11246	U 1931	KING 63 p/p Homestead Metro via MacDill Awys (BLA-PA)
	7335	A var.	CHU- SFTS Ottawa (KWK-VA) (PMD-NY)	11246	U 2147	KING 81 p/p via MacDill Awys (BLA-PA)
	8868	U var.	VFG- Gander Aero - VOLMET (KWK-VA) (JRJ-MS) (JDM-WN)	11246	U 2227	NAVY 61498 p/p USN Ops Andrews via Andrews (RJL-GA)
	8910	U 0138	VAP- Churchill Aero wkg Empress 383 (JR-ND)	11246	U 1515	CONER 37 wkg MacDill Awys (RJL-GA)
	8910	U 0106	VFF- Frobisher Bay Aero wkg J. W. 309 (JR-ND)	11246	U 1524	BORIS 12 p/p Patrick Base Ops via MacDill (RJL-GA)
	11205	U 1745	CFH- CANMIL Halifax wkg CAN Rescue 108 (RJL-GA)	11246	U 0020	IVORY 21 p/p Little Rock CP via MacDill (JDM-WN)
	12725	C 1759	CFH- CANMIL Halifax ID mkr (RMH-NY)	11246	U 0124	IVRY LIMA MIKE 01 wkg MacDill Awys (JDM-WN)
	13270	U 0153	CFR- Gander Aero - VOLMET b/c (PMD-NY)	11246	U 0119	RAT 24 p/p 21st Metro via MacDill Awys (JDM-WN)
	15035	U 1636	CFR- CANMIL Trenton - Aero WX b/c (JRJ-MS)	11246	U 1825	TEAL 10 p/p Miami Monitor via MacDill (BCW-FL)
MEX. :	4225	C 0607	XFM- Manzanillo MARCO - CQ mkr (SN-TX)	11246	U 0108	WESE 33 p/p Hurlburt Metro via MacDill (MDC-NY)
USA :	2300	A var.	WUV- SFTS Ft. Collins (PMD-NY) (DDS-FL)	11249	U 1332	SAM 86970 wkg Andrews AFB MD (RAL-OH)
	2306	U 0124	WOU- Boston Marine wkg WZ 2740 (MI-ME)	11249	U var.	SAM 24129 wkg Andrews AFB MD (RAL-OH)
	2338	U 0451	WAE- Norfolk Marine wkg USS Concord (MI-ME)	11408	U 0145	PROPERTY wkg RECOGNIZANCE (RAL-OH)
	3001	U var.	WSY70- New York Aero - VOLMET (JRJ-MS) (MI-ME) (PMD)	11460	U 1701	REVERE wkg TAN PAN (RAL-OH)
	4013	C 1200	KCA- Muscote Shoals AL- NASA beacon (DLW-OH)	11476	U 1650	SAM 86971 r/c with Andrews AFB MD (JHA-IA)
	4250a	C 0725	KPH- San Francisco MARCO DE mkr (SN-TX)	13098	U 2029	GIANT KILLER wkg DELTA 13 (TL-AL)
	4310a	C 0735	WU041- Slidell LA MARCO DE mkr (SN-TX)	13201	U 0547	PAPA ECHO 096 wkg Elmendorf Awys (HCB-WA)
	4352	C var.	WU0- Mobile AL MARCO- DE mkr (RMA-IA) (SN-TX)	13211	U 0259	SCALLOP r/c with TAP FOOT (RLR-KS)
	4365	U 0624	WOM- Ft. Lauderdale p/p for Sweet Angelina (MI-ME)	13247	U 2108	SAM 31682 wkg Andrews AFB MD (RAL-OH)
	4397.7	U 0205	WLO- Mobile AL MARCO P/P for W. A. Kandy (TI-AL)	13247	U 0041	JULIET GOLF wkg CHARLIE YANKEE (RJL-GA)
	4407	U 0320	WOM- Ft. Lauderdale wkg Emerald Isles (JRJ-MS)	15015	U 1516	LIMA RADIO c/g WAYBERRY (HCB-WA)
	4759	C 1201	KCC- Chattanooga TN Nasa beacon (DLW-OH)	15091	U 1722	RAYSTIC 26 wkg RAYMOND 28 (GHS-IL)
	5610	U 0410	KEA5- New York Aero wkg TWA 904 (RAD-MA)	17972	U 0223	RAUMOND 27 wkg RAYMOND 175 (RAL-OH)
	5652	U 0235	WSY70- New York Aero - VOLMET b/c (JRJ-MS)	17993	U 1357	SAM 86970 wkg Andrews AFB MD (RAL-OH)
	5696	U 0511	NMG- CG San Francisco CA wkg CG 1452 (GHS-IL)	18027	U 2130	EDGY 16 c/g McGlellan Awys (BLA-PA)
	6223a	U 1845	NMG- CG Portsmouth VA wkg CG 1471 (RJC-WA)	18666	U 1240	SPAR 60 p/p via Andrews AFB MD (RAL-OH)
	6223a	S 1155	KDR565- QTH? wkg tug Dorothy B. (GLD-NC)	18666	U 2112	SHARK 368 p/p OP CENTER via ATLAS (GHS-IL)
	6223a	S 1145	WDJ332- QTH? wkg tug Intrepid, Colombia (GLD-NC)	18666	U 1742	ATLAS wkg SHARK 341 (AK-MD)
	6223a	S 1220	KGJ347- QTH? wkg Voyager 2 (GLD-NC)	19008	U 2100	BALLOON c/g PINWHEEL (RLR-KS)
	6411a	C 0914	WOB- Lantana FL MARCO V mkr (SN-TX)	20053	U 1805	SAM 86970 p/p via Andrews AFB MD (RAL-OH)
	6411a	C 0914	KLB- Seattle VA MARCO CQ mkr (SN-TX)	5670	U 0119-0121	E/Y repeats of Mike India Whiskey 2 (RJL-GA)
	6435e	C 0745	WPA- Port Arthur TX MARCO V mkr (SN-TX)	7445	A 0123-0126	E/Y phonetic ltr EBS - 15 Aug (455) (RJL-GA)
	6504.5	C 1215	WCG- Chatham MA MARCO-DE mkr (RMA-IA)	9040	U 0307-0318	E/Y 5dd "ATT 201 261 83"(555) 10 Aug (RJL-GA)
	6506.4	U 0536	NNM- CG Portsmouth VA - NTM b/c (MI-ME)	9444	A 2256-2401	S/O 5dd- off w/138 138 00800" 01 Sept (RJL-GA)
	6873	U var.	VOA Greenville feeder (KWK-VA) (MI-ME)	9450	A 2000-0219	C/Y 5dd- Bravo Kilo s/on (434) 05 Sept (RJL-GA)
	8610	C var.	WMI- Baltimore MD MARCO - V mkr (RJC-WA) (SN-TX)	9450	A 2201-2212	E/Y 5dd- P. U. & MM (543) 04 Sept (RJL-GA)
	8722	U 2035	WOM- Ft. Lauderdale wkg OWPG Tallisam (TI-AL)	10175	A 0246-----	E/Y ?d 05 Aug (TI-AL)
	8732.5	U 0438	WFM- Jeffersonville IN wkg barge Amcan (HCB-WA)	11237.5	U 2118-2147	C/Y 5dd- 3-2 delivery (353) 17 Aug (RJL-GA)
	8744	U 0702	KMI- San Francisco MARCO - tfc list (LMT-AZ)			
	8765.4	U 1130	NNM- CG Portsmouth VA - tfc list (JRJ-MS)			
	8793.3	U 2340	WOM- Ft. Lauderdale VA - marine WX (JRJ-MS)			
	8868	U 0245	WSY70- New York Aero - VOLMET b/c (TI-AL)			
	8889	U 0157	OKA5- New York Aero wkg Trans America 868 (SH-QUE)			
	5903	U var.	WOU- Gander Aero - VOLMET (PMD-NY) (JRJ-MS)			

USA : 8993 U 2357 AFB6- MacDill Aways wkg L.M.9 B. (SH-QUE)
 9348 U 1420 VOA Greenville feeder (MI-ME)
 10000 A var. WWV- SFTS Ft. Collins (KWK-VA) (PMD-NY)
 10640 C 0043 NIK- CG Boston - ice b/c (IK-UK)
 11118 U 1256 AFA3- Andrews AFB MD c/g SAM 24216 (SAC-AUST)
 11246 U 1856 AFB6- MacDill Aways wkg L.N. 163 (TI-AL)
 11460 L 2340 AFA3- Andrews AFB p/p for Air Force 2 (JHA-IA)
 12660 C 1347 WSL- Anagansett NY MARCO V mkr (HGJ-TX)
 12750 C 1237 NIK- CG Boston - ice b/c (RMA-IA)
 13078.5 C 1902 WLO- Mobile AL MARCO - DE mkr (PAT-CA)
 13097.9 C 1906 WCC- Chatham MA MARCO - DE mkr (PAT-CA)
 13129 U 1602 WOO- Ocean Gate MARCO t/c list (JRJ-MS)
 13144 U 1625 WOM- Ft. Lauderdale wkg m/v Festival (JRJ-MS)
 13178.3 U 1710 WLO- Mobile MARCO wkg m/v Daify Doll (HCB-WA)
 14313 U 1230 NMA- CG Miami wkg HB3HSK Honduras (BOM-FL)
 15000 A var. WWV- SFTS Ft. Collins (JHD-PA) (PMD-NY) (KWK-VA)
 17159.4 C 2340 WOB- Lantana FL MARCO V/QSX mkr (PAT-CA)
 17258 U 1558 WOF- Ft. Lauderdale wkg ZOTV Mercedes N. (JRJ-MS)
 18607 S 1500 VOA Greenville feeder (WEB-MN)
 20000 A 2000 WWV- SFTS Ft. Collins CO (PMD-NY)
 23075a C 1810 WFN23- AP, New York - QRA/MC mkr (SN-TX)
 23975a C 1825 KKN50- USIDOS Wash DC - t/c with ?? (SN-TX)
 COST: 4280a C 0937 TIM- Limon MARCO Cq mkr (SN-TX)
 13100 C 0110 TIM- Limon MARCO - mkr (what kind??) (AK-MD)
 17149.1 C 2359 TIM- Limon MARCO - Cq mkr (PAT-CA)
 PANA: 8608 C 1210 HFN60- Puerto Armuellas MARCO - CQ mkr (GLT-NN)
 13976.7 U 0125 AGA0HO- USAF MARS Howard AFB wkg ?? (SH-QUE)
 CUBA: 6435a C 0755 CIQ- Havana MARCO Cq/QSX mkr (SN-TX)
 8702 C 1821 CIA21- Havana MARCO - mkr (what kind??) (AK-MD)
 11405 C 0054 COY89- Soviet NAVRAD Havana- c/g RIW (MDC-NY)
 14968a C 1333 CMU967- Santiago NAVRAD(Soviet) c/g UADK (RMA-IA)
 JAM.: 6470.5 C 0231 61I- Kingston MARCO - Cq mkr (HGJ-TX)
 8465 C 1331 61I- Kingston MARCO - mkr (what kind??) (AK-MD)
 MART: 2545 S 0454 FFP2- Ft.de France - FF/OM marine b/c (RHF-MD)
 4263a C 0935 FFP2- Ft.de France MARCO CQ mkr (SN-TX)
 6387a C 0740 FUF- FF NAVRAD Ft.de France - V mkr (SN-TX)
 13032 C 1418 FUF- FF NAVRAD Ft.de France - ID mkr (RMH-NY)
 16952a C 0345 FUF- FF NAVRAD Ft.de France - V mkr (SN-TX)
 22390a C 1247 FUF- FF NAVRAD Ft.de France - V mkr (SN-TX)
 P.R.: 10155 U 1605 AFD- Ramey AFB c/g Elmendorf AFB AK (FLR-KS)
 **** SOUTH AMERICA ****

? 1935----- G/? 5d (423) 31 Aug (BC-ITLY)
 11275 A 0310----- S/Y 4d 28 July (SH-QUE)
 11532 A 2210-2214 S/Y 4d "Fin" S/off (343) (RFM-CA)
 12747 U 2210-2242 E/Y repeats of Mike India Whiskey 2 (RUL-CA)
 13426 A 0031-0035 S/Y 5d "ANT 361-14" (454) 01 Sept (RUL-CA)
 13453 A 2130-2242+ E/Y 2-3 delivery (455) 24 Aug (JEB-CA)
 14419 A 2301-2309 S/Y "ATT 014-45" (252) 06 Sept (RUL-CA)
 11158 C 0927 "Y" beacon (LMT-AZ)
 14968 C 1309 "YK" beacon (RMH-NY)
 17885 C 1933 "B" beacon (BC-ITLY)
 18947 C 0721 "X" beacon (BC-ITLY)
 6698.0 C 0132 "URP DE IZA KK" (MDC-NY)
 7896 U 1310 EE/OM-code # IDs - drug smugglers?? (SAC-AUST)
 9515 C 2135 "UIS" beacon - twice every 26 seconds (RMH-NY)
 11620 C 1500 A1V4 beacon, then ABB ABB into 4 ltr eps (PAT-CA)
 14964a C 2144 "VVV 36M 36M" followed by 5dig ltr eps (MDC-NY)
 15610 A 0931 "Juliet Bible"x4 then MM notes on a piccolo (RMH-NY)
 16888a C 0026 CQ CQ DE VOS VOS QSX 16 MHz (Canadian?) (PAT-CA)
 17898 C 0603 "UI" beacon (BC-ITLY)
 18316 C 1804 "SM" beacon (BC-ITLY)
 18490 ? 1204 "CQ DE VVO---- NW NW NW----NTW" (India?) (SAC-AUST)
 **** UNIDENTIFIED ****
 ALGB: 6972.2 1825 7XA97- Algiers Metro - WX b/c 66/425n (AM-UK)
 11594.7 1830 7XA98- Algiers Metro - WX 66/425r (RMA-FRAN)
 ARGN: 10449.0 2217 Casa Central (nat'l bank) wkg ?? 66/425n (IK-UK)
 AUST: 19690.3 var AXM37- Canborra Metro- WX - 66/850r (AM-UK) (RMA-FR)
 BRAN: 2962.0 2227 A9M- Manama Metro - ID mkr (JK-FRC)
 14764.0 1620 A9M70- GNA Manama - EE/NX - 66/425r (AM-UK)
 BANG: 10613.5 2340 S2D- Dacca Air - RYS - 66/850r (AM-UK)
 BELZ: 26899.8 1226 MUL- British Army, Belize- Foxes (JK-FRG)
 4524.6 1836 LZ1- BTA Sofia - EE/NX - 66/425n (IK-UK)
 BUL.: 6840.0 0425 LZ128- BTA Sofia c/g OMO40/47- 66/425n (RHF-MD)
 CAN.: 12726.0 1952 CFF- CANMIL Halifax- Foxes- 100/850r (RMA-IA)
 FRC.: 6899.9 2244 BAY3- Beijing- PTT Beijing- ??? 66/425n (RMA-FRAN)
 10335.0 1954 BEN30- PTT Shanghai- c/g Moscow Air-66/425n (IK-UK)
 10982.0 1615 BAP40- XINHUA Beijing- EE/NX- 66/425r (JEB-CA)
 15792.5 ---- BCI35- PTT Shanghai - QRA mkr 66/425r (RMA-FRAN)
 17400.0 2245 BBE32- PTT Shanghai- c/g CLM565-66/425r (AM-UK)
 17403.2 1610 BAL2- PTT Beijing- QRA mkr - 66/425n (AM-UK)
 16137.0 var CML47- PTT Havana- RYS- 66/425r (BLA-PA) (RMA-FRAN)
 16174.7 2223 MINREX Havana- EMB msg- 66/425n (RHF-MD)

CUBA: 16348.2 1900 FL Havana - EE/NX 66/425r (BLA-PA)
 18193.4 2220 FL Havana - EE/NX 66/425r (RMA-FRAN)
 CYPR: 18537.1 0715 MKD-RAF Akrotiri-Foxes - 66/425r (RMA-FRAN)
 CZECH: 6775.0 1634 OMV95-??? RYS 66/??? (PAC-UK)
 13647.5 0915 OLI5- CETEKA Prague-FF/NX 66/425n (RMA-FRAN)
 15097.5 1507 OLS4- CETEKA Prague-EE/NX-66/425n (RHF-MD)
 ECPT: 13652.7 0815 SUA59- MENA Cairo-FF/NX - 66/425r (RMA-FRAN)
 9349.0 2341 GIC29B- AP London-EE/NX - 66/425r (BLA-PA)
 ENG.: 13624.0 2035 GPP33B- Reuters London-EE/NX-66/425r (BLA-PA)
 FRAN: 15908.0 0030 AFP Paris - SS/NX 66/425n (JEB-CA)
 15978.3 1730 AFP Paris - FF/NX 66/425n (RMA-FRAN)
 18785.0 1515 Diplo Paris - FF/NX - 66/425n (RMA-FRAN)
 20312.2 0940 AFP Paris - FF/NX 66/425n (RMA-FRAN)
 FRG.: 5812.0 0658 DJJ49- GG Army Bonn-Foxes-66/170r (AM-UK)
 18700.7 1515 DFT570H1- DPA Hamburg-EE/NX-66/425n (AM-UK)
 9062.0 0830 Y7A36- MFA Berlin-QRA mkr-66/425n (RMA-FRAN)
 10208.5 2115 Y7A43- MFA Berlin-QRA mkr-66/425r (RMA-FRAN)
 10542.8 2125 Y2V54- ADN Berlin-EE/NX-66/425n (RMA-FRAN)
 16403.0 1912 Y2V57- ADN Berlin-EE/NX-66/425n (BLA-PA)
 20077.0 1555 Y4A2- DP Berlin-Testing-clg FUG-66/425n (AM-UK)
 10670.0 1545 CYU- NAVRAD Gibraltar-clg FUG-66/425r (RMA-FRAN)
 GREB: 9315.0 1407 SVA- Athens Air - RYS - 66/??? (PAC-UK)
 HONG: 10730.6 1835 ZEN49- AFP Hong Kong-EE/NX-66/425r (AM-UK)
 INDI: 8500.0 2320 RB5L- Bombay NAVRAD- RYS - 66/850n (AM-UK)
 14837.3 0710 VV56- Delhi Metro- WX b/c-66/425n (AM-UK)
 18664.9 1037 VTG69- OTS New Delhi- testing-66/425n (AM-UK)
 16200.0 1543 8BB25- Jakarta Metro- Cq mkr-66/850r (AM-UK)
 18825.0 0645 8DZ5- ANTARA Jakarta- RYS- 66/425n (AM-UK)
 19095.6 1640 MFA Jakarta- Indo/NX-66/425n (AM-UK)
 IRAQ: 13524.0 1134 YI071- INA Baghdad-EE/NX-66/170r (AM-UK)
 IRAN: 12065.0 1710 EIP- Tehran Air- RYS - 66/??? (PAC-UK)
 IRIS: 11440.0 1710 EIP- Shannon Air- wkg Santa Maria (PAC-UK)
 ISRU: 7340.0 ---- 4XM3- Bet Dagan Air- WX b/c - 66/425r (RMA-FRAN)
 ITALY: 6917.0 2115 RIFMPCF- Augusta NAVRAD-clg XLIIM (JK-FRG)
 7885.4 0713 0BG61- Austrian EMB Rome- RYS (JK-FRG)
 9215.6 1415 IT Army Bari wkg Foggia - 66/425r (RMA-FRAN)
 IVRY: 5848.0 0143 TUI- ASECA Abidjan- RYS - 66/425n (RHF-MD)
 JAPAN: 14547.7 1108 JAL44- KYODO Tokyo - testing-66/850r (AM-UK)
 18081.1 2005 JAT78- KDD Tokyo - QRA mkr-66/425r (AM-UK)
 JORD: 6675.0 1715 PETRA Amman - EE/NX 66/425n (RMA-FRAN)
 KUWT: 18309.0 1719 9KT- KUNA Kuwait-EE/NX-66/375n (IK-UK)
 21785.6 1720 KONA Kuwait-EE/NX 66/425n (RMA-FRAN)
 LIBIA: 13995.0 0040 VOA Monrovia-EE/NX 100/425n (BLA-PA)
 LYBA: 11417.8 1800 ??- Tripoli clg Algiers-66/850r (RMA-FRAN)
 MADR: 17400.0 var. 5ST83- Antananarivo Metro- WX-66/425n (AK-UK) (IK)

CUBA: 16348.2 1900 FL Havana - EE/NX 66/425r (BLA-PA)
 18193.4 2220 FL Havana - EE/NX 66/425r (RMA-FRAN)
 CYPR: 18537.1 0715 MKD-RAF Akrotiri-Foxes - 66/425r (RMA-FRAN)
 CZECH: 6775.0 1634 OMV95-??? RYS 66/??? (PAC-UK)
 13647.5 0915 OLI5- CETEKA Prague-FF/NX 66/425n (RMA-FRAN)
 15097.5 1507 OLS4- CETEKA Prague-EE/NX-66/425n (RHF-MD)
 ECPT: 13652.7 0815 SUA59- MENA Cairo-FF/NX - 66/425r (RMA-FRAN)
 9349.0 2341 GIC29B- AP London-EE/NX - 66/425r (BLA-PA)
 ENG.: 13624.0 2035 GPP33B- Reuters London-EE/NX-66/425r (BLA-PA)
 FRAN: 15908.0 0030 AFP Paris - SS/NX 66/425n (JEB-CA)
 15978.3 1730 AFP Paris - FF/NX 66/425n (RMA-FRAN)
 18785.0 1515 Diplo Paris - FF/NX - 66/425n (RMA-FRAN)
 20312.2 0940 AFP Paris - FF/NX 66/425n (RMA-FRAN)
 FRG.: 5812.0 0658 DJJ49- GG Army Bonn-Foxes-66/170r (AM-UK)
 18700.7 1515 DFT570H1- DPA Hamburg-EE/NX-66/425n (AM-UK)
 9062.0 0830 Y7A36- MFA Berlin-QRA mkr-66/425n (RMA-FRAN)
 10208.5 2115 Y7A43- MFA Berlin-QRA mkr-66/425r (RMA-FRAN)
 10542.8 2125 Y2V54- ADN Berlin-EE/NX-66/425n (RMA-FRAN)
 16403.0 1912 Y2V57- ADN Berlin-EE/NX-66/425n (BLA-PA)
 20077.0 1555 Y4A2- DP Berlin-Testing-clg FUG-66/425n (AM-UK)
 10670.0 1545 CYU- NAVRAD Gibraltar-clg FUG-66/425r (RMA-FRAN)
 GREB: 9315.0 1407 SVA- Athens Air - RYS - 66/??? (PAC-UK)
 HONG: 10730.6 1835 ZEN49- AFP Hong Kong-EE/NX-66/425r (AM-UK)
 INDI: 8500.0 2320 RB5L- Bombay NAVRAD- RYS - 66/850n (AM-UK)
 14837.3 0710 VV56- Delhi Metro- WX b/c-66/425n (AM-UK)
 18664.9 1037 VTG69- OTS New Delhi- testing-66/425n (AM-UK)
 16200.0 1543 8BB25- Jakarta Metro- Cq mkr-66/850r (AM-UK)
 18825.0 0645 8DZ5- ANTARA Jakarta- RYS- 66/425n (AM-UK)
 19095.6 1640 MFA Jakarta- Indo/NX-66/425n (AM-UK)
 IRAQ: 13524.0 1134 YI071- INA Baghdad-EE/NX-66/170r (AM-UK)
 IRAN: 12065.0 1710 EIP- Tehran Air- RYS - 66/??? (PAC-UK)
 IRIS: 11440.0 1710 EIP- Shannon Air- wkg Santa Maria (PAC-UK)
 ISRU: 7340.0 ---- 4XM3- Bet Dagan Air- WX b/c - 66/425r (RMA-FRAN)
 ITALY: 6917.0 2115 RIFMPCF- Augusta NAVRAD-clg XLIIM (JK-FRG)
 7885.4 0713 0BG61- Austrian EMB Rome- RYS (JK-FRG)
 9215.6 1415 IT Army Bari wkg Foggia - 66/425r (RMA-FRAN)
 IVRY: 5848.0 0143 TUI- ASECA Abidjan- RYS - 66/425n (RHF-MD)
 JAPAN: 14547.7 1108 JAL44- KYODO Tokyo - testing-66/850r (AM-UK)
 18081.1 2005 JAT78- KDD Tokyo - QRA mkr-66/425r (AM-UK)
 JORD: 6675.0 1715 PETRA Amman - EE/NX 66/425n (RMA-FRAN)
 KUWT: 18309.0 1719 9KT- KUNA Kuwait-EE/NX-66/375n (IK-UK)
 21785.6 1720 KONA Kuwait-EE/NX 66/425n (RMA-FRAN)
 LIBIA: 13995.0 0040 VOA Monrovia-EE/NX 100/425n (BLA-PA)
 LYBA: 11417.8 1800 ??- Tripoli clg Algiers-66/850r (RMA-FRAN)
 MADR: 17400.0 var. 5ST83- Antananarivo Metro- WX-66/425n (AK-UK) (IK)

ARGN: 8167 A 2200 LQ89- SFTS Buenos Aires (PMD-NY)
 8759.2 U var. LPI- G.P.R. SS/OM/VM (HGJ-TX) (JRU-MS)
 17233 C 0056 LPI- G.P.R. Buenos Aires SS/OM/VM (SH-QUE)
 22490a C 1850 LPD91- G.P.R. Buenos Aires - V mkr (SN-TX)
 BRZL: 12795 C 0201 PWE33- Rio de Janeiro NAVRAD- X/V mkr (SPH-CA)
 22352a C 0441 PPR- Rio de Janeiro MARCO - t/c List (SN-TX)
 CHTL: 2217 C 1845 CCS- Santiago NAVRAD V mkr (RHF-MD)
 4257a C 1005 CCM- Magallanes NAVRAD V mkr (RMA-IA)
 4279 C 0542 CCM- Magallanes NAVRAD V mkr (SPH-CA)
 4380.5 C 0955 CCS- Santiago NAVRAD V mkr (RMA-IA)
 6387a C 0738 HKC- Buenaventura MARCO - DE/QSX mkr (SN-TX)
 8574.2 C 2200 HKC- Buenaventura MARCO - (what???) (AK-MD)
 13087 C 2145 HKB- Baranquilla MARCO - (what???) (AK-MD)
 17004 C 2344 HKB- Baranquilla MARCO - CQ/QSX mkr (PAT-CA)
 17045.6 C 2351 HKC- Buenaventura MARCO - DE/QSX mkr (PAT-CA)
 ECUA: 3810 A 0630 HD210A- SFTS Guayaquil- SS/OM arm. (JHA-IA)
 7600 A 0132 HD210A- SFTS Guayaquil (JDS-FL)
 FALK: 24145 U 1513 VP224- C&W Port Stanley wkg GLI43 UK (IK-UK)
 VENNE: 6100 A var. YV10- SFTS Caracas (DDS-FL) (PMD-NY) (ML-NI) (KMK-VA)

**** EUROPE ****

AZOR: 8945 U 0152 CSY- Santa Maria Aero wkg Air France 256 (SH-QUE)
 BELG: 13067 C 1417 OST- Oostende MARCO - V mkr (LM-CA)
 BUL.: 12940 C var. LZN- Varna MARCO - DE mkr (LM-CA) (SPH-CA)
 CZBC: 3170 A 0230 OLS5- SFTS Podebrady (PMD-NY)
 CYPR: 14358 C 0132 KWS78- US EMB Nicosia - callup to KW229 (MDC-NY)
 ENG.: 4721 U 0910 MVI- West Drayton - VOLMET b/c (SH-QUE)
 10000 C 0419 MSF- SFTS Teddington - CW ID (RHF-MD)
 11200 U 0044 MVO- West Drayton VOLMET b/c (PTK-IL)
 12145 C 0241 BGC- London NAVRAD - QSX mkr (SAC-AUST)
 14455 I 2000 EBC Daventry feeder (HCB-WA)
 22407a C 1743 GKC- Fortlisshead MARCO DE mkr (SN-TX)
 22460a C 1740 GKA- Fortlisshead MARCO V mkr (SN-TX)
 23553 U 1510 GLI43- BPO London wkg VFC 24 (IK-UK)
 FRAN: 10155 U 0303 FFK5- FTS Paris - FF/EE/VM (RHF-MS)
 12689 C 0113 FUG- FF NAVRAD Castelnaudry - V mkr (SPH-CA)
 FIN.: 16923.6 C 1912 OFJ5- Helsinki MARCO - ID/QSX mkr (RWA-IA)
 4525 A var. Y35- SFTS Nauen (SH-QUE) (AK-MD)
 22400a C 1839 Y5W- Rugen MARCO V mkr (SN-TX)
 FRG.: 17048 C 1710 DAF- Norddeich MARCO V mkr (PAT-CA)
 GREE: 16982 C 1831 SVG6- Athens MARCO - mkr (what kind??) (AK-MD)
 22350a C 2148 SVA- Athens MARCO - DE mkr (SN-TX)
 HOLL: 16903 C 2150 PCH60- Scheveningen MARCO - DE mkr (HGJ-TX)
 ICE.: 11304 U 0759 Reykjavik Aero wkg Scandinavian 7926 (PAC-UK)

ICEB.: 12135 C 1436 NRK- US NAVRAD Keflavik- V/Cq/MC mkr (JR-MD)
 EIRE: 5533 U var. EIP- Shannon Aero- VOLMET (RAD-NA) (NL-ME)
 8833 U var. EIP- Shannon Aero- VOLMET (PMD-NY) (NL-ME)
 ITLY: 5000 A 0545 IBR- SFTS Turin - IT/EE/FF ann. (PMD-NY)
 7652 S 1310 AJK33- USAF Aviano - (what???) (JK-PFG)
 13015 C 0120 IAR- Rome MARCO - mkr (what kind??) (AK-MD)
 13657 C 0150 IDB5- Rome NAVRAD - V mkr (RHP-MD)
 17182 C 1905 ICB- Genoa MARCO - V mkr (SPH-CA)
 17273.2 U 0513 ICB- Genoa MARCO - IT/EE/OM/VM (SAC-AUST)
 C 0028 AOK- US NAVRAD Moran - WX b/c (HK-UK)
 22533 C 1445 EAD6- Aranjuez MARCO - Cq mkr (RHP-CA)
 SMTS: 22344a C 1814 HEB- Berne MARCO - Cq mkr (SN-NY)
 USSR: 2500 A 0550 RCH- SFTS Tashkent (PMD-NY)
 4996 A 0429 RWH- SFTS Moscow (PMD-NY)
 5000 A 0045 RCH- SFTS Tashkent (PMD-NY)
 5004 A 0614 RID- SFTS Irkutsk (PMD-NY)
 6334 C 0805 UPM3- Nevelsk MARCO - Cq mkr/tfc list (SPH-CA)
 8505 C 0800 UKA- Vladivostok MARCO - V/Cq mkr (SPH-CA)
 8675 U 0900 UqB- Kholsmk MARCO - V/Cq mkr (SPH-CA)
 8687.6 C 0200 URD- Leningrad MARCO - Cq mkr (GLT-NM)
 9996 A 0400 RWH- SFTS Moscow (PMD-NY)
 10000 A 0835 ROH- SFTS Tashkent (PMD-NY)
 10000 A 0230 RTA- SFTS Novosibirsk (PMD-NY)
 10004 A 0530 RID- SFTS Irkutsk (PMD-NY)
 12690 C 0420 UIQ- Kiev MARCO - Cq mkr (SPH-CA)
 12693 C 0318 URD- Leningrad MARCO - DE mkr (SPH-CA)
 14996 A 0100 RWH- SFTS Moscow (PMD-NY)
 15000 A 0635 PFA- SFTS Novosibirsk (PMD-NY)
 15004 A 0000 RID- SFTS Irkutsk (PMD-NY)
 16885 C 1740 UUY- Kaliningrad MARCO - Cq mkr (GLT-NM)
 16913 C 2301 UKA- Vladivostok MARCO - Cq/DE mkr (RP-MO)
 YUGO: 16942.7 C 1720 YUR- Rijeka MARCO - V mkr (GLT-NM)

6989.2 2320 MALD: 6989.2 2320
 19960.3 var. MALI: 19960.3 var.
 22312.0 17425 MARH: 22312.0 17425
 10335.0 1905 MONG: 10335.0 1905
 18666.8 var. JTP24- MPA Ulan Bator- Rys - 66/425r (AM-UK)
 20140.0 1700 MAP Rabat- SS/NX 66/425r (RMA-FRAN)
 12122.2 0645 ZLK- USN Christchurch c/g NCD- 75/850n (RMA-FRAN)
 23052.2 2305 ZLK46- same wkg Antarctica - 100/850n (AM-UK)
 40756.5 0825 ZL062- Irirango NAVRAD- c/g NPM- (JK-PFG)
 21798.0 0935 5NK43- Kano Metro - WX b/c 66/850n (RMA-FRAN)
 9355.5 2130 KONA Pyonyang- FF/NX - 66/425 (RMA-FRAN)
 10580.0 1700 HMK25- KONA Pyonyang- EE/NX- 66/425r (JEB-CA)
 11229.8 1755 HMR56- KONA Pyonyang- FF/NX- 66/425n (RMA-FRAN)
 5387.2 0640 JXZ- NATO Kolsaas - Rys - 66/850n (AM-UK)
 6892.7 1750 JX2- NATO Kolsaas - Foxes- 66/850n (RMA-FRAN)
 9315.5 2338 LGAT- Alesund NAVRAD- Rys - 66/850r (BLA-PA)
 10710.2 0030 NAU- USN San Juan- Rys to ZRH-60/850r (BLA-PA)
 9168.0 0822 Y0414- PTT Bucharest- wkg BHT354- (PAC-UK)
 5740.0 2340 HZN- Jeddah Metro- Cq mkr - 66/425n (AM-UK)
 12282.0 1505 SMA Jeddah - AA/NX 66/425n (JK-UK)
 19747.0 1624 6UV79- Dakar Metro- Rys - 66/??? (PAC-UK)
 10296.2 var. SOAF: 10296.2 var.
 8440.0 2034 EBA- Madrid NAVRAD- Rys- 100/??? (PAC-UK)
 15730.8 1745 SUNA Khartoum- AA/NX 66/425r (RMA-FRAN)
 19463.0 1610 SUNA Khartoum- FF/NX 66/425n (AM-UK)
 15725.5 1825 YKM113- PTT Damacas- c/g Beijing-66/850n (AK-UK)
 19734.0 1105 4UT- UNO Bangkok wkg Geneva- 100/425n (AM-UK)
 1445.0 1514 ? ? Tunis c/g Algiers- 66/425 (PAC-UK)
 4783.0 1532 KNC52- PEMA Harrisburg PA- Foxes-100/??? (DLW-OH)
 15908.0 1730 AFP New York - SS/NX 66/425n (RMA-FRAN)
 18542.5 1915 WFK48- USIA New York- EE/NX- 100/425n (JK-UK)
 6920.3 0003 Klyev Metro - WX b/c 66/850r (AM-UK)
 10645.0 1800 TASS Moscow- EE/NX 66/425r (RMA-FRAN)
 11129.5 1730 ULV- Moscow- c/g USZ 66/425n (RMA-FRAN)
 11150.0 1550 ULZ77- Dikson Metro c/g ULV- 66/425n (AM-UK)
 15430.0 0845 REC61- APN Moscow- GG/NX- 75/425r (RMA-FRAN)
 13690.0 1750 RHM75- PTT Moscow- c/g 4XA83- 66/425n (RMA-FRAN)
 21840.0 0930 TASS Moscow- EE/NX 66/425r (RMA-FRAN)
 22217.4 0925 Murnansk Metro - WX b/c 66/170n (RMA-FRAN)
 19463.0 1720 VNA16- VNA Hanoi- EE/NX- 66/425n (JEB-CA)
 15600.0 1443 VNA16- VNA Hanoi- QPA mkr- 66/425n (AM-UK)
 19479.8 0710 XVF2- PTT Hanoi- c/g FTS91- 66/425n (AM-UK)
 11514.0 1418 70C- Aden Air- Rys 66/425r (JK-UK)
 19565.0 1405 70B992- ANA Aden - AA/NX (JK-PFG)

***** AFRICA/MIDDLE EAST *****
 ANGO: 8566 C var. D3E51- Luanda MARCO- Cq mkr (GLT-NM) (SPH-CA)
 12831 C 0055 D3E51- Luanda MARCO - Cq mkr (SPH-CA)
 22300a C 1755 D3E62- Luanda MARCO - Cq mkr (SN-NY)
 CONG: 13304 U 0010 KRX44- Aero wkg Delta. 395 (KWK-VA)
 LIBE: 11474 C 0219 BKN44- US EMB Monrovia - mkr (what kind??) (AK-MD)
 LTBA: 11300 U 0805 Tripoli Aero wkg Flight 192 (PAC-UK)
 MADR: 6593.5 C 0105 CUB- Madelira MARCO Funchal - Cq mkr (GLT-NM)
 OMAN: 18977 C 0522 A4J- Seeb Air - (what???) (BC-ITLY)
 SEME: 13410 C 0436 6MW- Dakar NAVRAD - V mkr (RBC-CA)
 16951.5 C var. 6MW- Dakar NAVRAD - V mkr (GLT-NM) (HJG-TX)
 SOAF: 8472 C var. ZRQ2- Cape NAVRAD - V mkr (SPH-CA) (LM-CA)

YUGO: 18042.0 1400 Diplo Belgrade- coded tfc - 100/425n (DLW-OH)
 19605.0 0730 YZ09-TANJUG Belgrade-EE/NX-66/9425r (RMA-FRAN)
 SHIP: 12501.0 2330 EVDH-REFAVAS clg URB2-66/170n (RMA-IA)
 12505.9 0232 UJMO-KARL LINNEJ wkg UJY-66/170n (RHF-MD)
 12516.0 0234 UYZX-VIKTOR LYAGUINE clg URB2-66/170n (RMA-IA)
 12754.0 1835 NYDX-CGC EVERGREEN-wkg NMA-100/170r (RMA-IA)
 12754.0 1930 WTRB-NOAA RESEARCHER-wkg NMA-100/170r (RMA-IA)
 12754.0 1915 WTRG-NOAA MT. MITCHELL-wkg NMA-100/170r (RMA-IA)
 12754.0 1835 NNGR-CGC TAMAROA-wkg NMA-100/170r (RMA-IA)
 16704.9 2250 UZUR-KULIKOWO POLE- coded tfc-66/170n (RHF-MD)

20008 C 2058 Salyut 7 - ??? (IK-UK) (JHA-IA)
 29220 C 2225 RS3-Russian AMSAT - beacon (JHA-IA)
 29330 C 2150 RS5-Russian AMSAT - beacon (JHA-IA)
 29360 C 2245 RS4-Russian AMSAT - beacon (JHA-IA)
 29450 C 2243 RS5-Russian AMSAT - ID Followed by numbers (PAT-CA)
 29450 C 2050 RS6-Russian AMSAT - beacon (JHA-IA)
 29500 C 2050 RS7-Russian AMSAT - beacon (JHA-IA)
 29500 C 2030 RS8-Russian AMSAT - beacon (JHA-IA)

**** VLF//LW//MW ****
 194.0 A TUK-Nantucket Memorial Airport - WX b/c (ML-ME)
 265.0 A MS-Minneapolis St. Paul Airport - WX b/c (MJJ-MN)
 335.0 A Los Angeles Int'l Airport - WX b/c (FAV-CA)

**** QSLS ****
 AUST: Sydney Aero - Bridge card - 18d XRP 11387 kHz (JDM-MN)
 BARB: BRN-C&W ST. Philip - PFC in 58d for 2 IRCs 8449.3 kHz (IM-CA)
 CAN.: CRK-CANNIL Vancouver-PFC 41d - 2 IRCs - 12124.5 kHz (LM-CA)
 COST: TIM-Limon MARCO- Ltr in 18d for 2 IRCs - 13100 kHz (LM-CA)
 DJTB: PUV-FF NAVRAD Djibouti-Ltr 37d - 2 MS- 235570 kHz (BG-ITLY)
 HOLL: FGH-Scheveningen MARCO- Card 21d for 2 IRCs-17007.2 kHz (LM-CA)
 EIRE: EFP-Shannon Aero- Brochure QSL- 9d- IRC- 11440 kHz (PAC-UK)
 MART: FFP-Ft. de France- Ltr in 28d - 2 IRCs- 8671 kHz (LM-CA)
 MEX.: XPK-La Paz MARCO- PFC/Ltr 17d- IRC- 8505 kHz (LM-CA)
 XFM-Manzanillo MARCO- Card/Ltr- 30d-IRC- 8570 kHz (LM-CA)
 NETA: PJC-Curacao MARCO- Card 21d - 2 IRCs- 8694 kHz (LM-CA)
 NOR.: Rogaland MARCO- Ltr in 17d for MS - 25382.5 kHz (BG-ITLY)
 SING.: 9VG-Singapore MARCO- Ltr 23d - 2 IRCs- 13071.5 kHz (LM-CA)
 USA.: NZL-USNC El Toro CA- Card - 7d - XRP - 14480 kHz (JDM-MN)
 KLB-Seattle WA MARCO- PFC in 8d- MS- 8582 kHz (LM-CA)
 WNU54- Slidell LA MARCO- Map Card- 9d- MS- 12869 kHz (LM-CA)
 MWV-SFTS Ft. Collins CO- Card- 27d- XRP- 10000 kHz (PMD-NY)

AIRCRAFT:
 CG 1350- PFC in 6d for MS 9380 kHz (BCW-FL)

SOAF: 8576 C 0502 ZSD-Durban MARCO - CQ/QRU mkr (SPH-CA)
 8689 C 0312 ZSC-Cape Town MARCO - CQ mkr (SPH-CA)
 12693 C 0645 ZRQ2-Cape NAVRAD Simonstown- V mkr (SPH-CA)
 12849 C 0701 ZSJ5-Cape NAVRAD Silvermine - CQ mkr (SPH-CA)
 16964.2 C 1430 ZRQ6-Cape NAVRAD Simonstown - V mkr (HGJ-TX)
 SUDN: 11300 U 0200 Kheartown Aero wkg Pen Am 325 (AK-MD)
 SYBA: 13971 U 2337 VYV9-CFARS Golan Heights wkg Canada (SH-QUE)
 Y.DR: 13060.5 C 1445 70A-Aden MARCO - DE mkr (GLT-NM)

**** ASIA/FAR EAST ****
 PRC.: 4319.1 C 1200 XSG-Shanghai MARCO - CQ mkr (GLT-NM)
 4340.1 C 1205 XSQ-Guangzhou MARCO - CQ mkr (GLT-NM)
 8489 C 0918 XSQ-Guangzhou MARCO - CQ/QRU mkr (SPH-CA)
 8501 C 1210 XSG-Shanghai MARCO - CQ mkr (GLT-NM)
 8513 C 1405 XSQ-Guangzhou MARCO - CQ mkr (GLT-NM)
 17103.2 C 1902 XSC7-Shanghai MARCO - CQ mkr (PAT-CA)
 22337 C 0403 XSW-Kao Hsiung MARCO - CQ/QRU mkr (SPH-CA)
 HONG: 5519 U 1245 Hong Kong Aero - VOLMET b/c (SAC-AUST)
 8584 C 1220 VFS36-Cape d'Agulliar MARCO - DE mkr (GLT-NM)
 8903 U 1315 Hong Kong Aero - VOLMET b/c (JDM-MN)
 13344 U 1545 Hong Kong Aero - VOLMET b/c (HCB-WA)

INDI: 10000 A 1234 ATA-SPTS New Delhi (PMD-NY)
 INDO: 8437.1 C 1220 PKG-Palembang MARCO - CQ mkr (GLT-NM)
 8473 C 0928 PKE-Ambonia MARCO - CQ/QRU mkr (SPH-CA)
 8542 C 1225 PKI-Jakarta. MARCO - CQ mkr (GLT-NM)
 8542 A 0045 PKI-SPTS Jakarta. (PMD-NY)
 18416 C 1652 PFO-Indo Military QTH? - V mkr (BG-ITLY)
 JPN: 5519 U 1242 Tokyo Aero - VOLMET b/c (SAC-AUST)
 8903 U 1310 Tokyo Aero - VOLMET b/c (JDM-MN)
 13300 U 0500 Tokyo Aero - VOLMET b/c (PMD-NY)
 17043.2 C 2350 JGU-Choshi MARCO - CQ/QSX mkr (PAT-CA)
 17129.7 C 2357 HLM-Seoul MARCO - CQ/QSX mkr (PAT-CA)
 MLAY: 8698 C 1420 9NG2-Penang MARCO - CQ mkr (GLT-NM)
 12677 C 1543 9NG2-Penang MARCO - CQ mkr (SPH-CA)
 17045 C var. 9NG2-Penang MARCO - CQ/QSX mkr (PAT-CA)
 PHIL: 8538 C 1215 DZG-Las Pinas MARCO - CQ mkr (GLT-NM)
 8555 C 1225 DZF-Navalines MARCO - CQ mkr (GLT-NM)
 17176 C 0305 DZG-Las Pinas(Manila) MARCO- CQ mkr (IM-CA)
 REUN: 8475.5 C var. FUX-FF NAVRAD - V mkr (GLT-NM) (LM-CA)
 12691 C 1354 FUX-FF NAVRAD - V mkr (HGJ-TX)
 SP&A: 8690 C 1214 FJY4A-FF Antarctic - V/DE mkr (RP-MG)
 SING: 8476 C 1245 9VG56-Singapore MARCO - CQ mkr (GLT-NM)
 13071.5 C 1445 9VG-Singapore MARCO - CQ mkr (GLT-NM)

**** PACIFIC OCEAN ****

AUST: 4500 A var. VNG-SPTS Lyndhurst (DDS-FL) (LM-CA)
 8711.6 C 1415 VIS65-Sydney MARCO - CQ mkr (GLT-NM)
 41387 U 0932 Sydney Aero - VOLMET b/c (IK-JK)
 13076 C 1425 VIP33-Perth MARCO - CQ mkr (GLT-NM)
 16900a C 0545 VHP-Canberra NAVRAD - V mkr (SN-TX)
 16918.8 C 1415 VHP-Canberra NAVRAD - V mkr (GLT-NM)
 17194a C 0555 VIS67-Sydney MARCO - CQ/MC mkr (SN-TX)
 17200a C 0600 VIP35-Perth MARCO - CQ/GSX mkr (SN-TX)
 22315a C 0845 VIP6-Perth MARCO - V mkr (SN-TX)
 22474 C 0030 VIS42-Sydney MARCO - V mkr (GLT-NM)
 22485 C 0025 VHP2-Canberra NAVRAD - V mkr (GLT-NM)
 6462a C 0750 FUM-FF NAVRAD Papeete - V mkr (SN-TX)
 8625 C 1240 FUM-FF NAVRAD Papeete - V mkr (GLT-NM)
 17380 C 0100 FUM-FF NAVRAD Papeete - V mkr (GLT-NM)
 22500a C 1805 FUM-FF NAVRAD Papeete - V mkr (SN-TX)
 22543 C 0020 FUM-FF NAVRAD Papeete - V mkr (GLT-NM)
 C 1230 NRV-CQ Guam (GLT-NM)
 GUAM: 13201 U 1635 A2E2-Andersen Avys wkg MAC 60164 (HCB-WA)
 17146.4 C 1440 NRV-CQ Guam CQ mkr (GLT-NM)
 HI... 2500 A 0956 WWHV-SPTS Kauai (PMD-NY)
 5000 A var. WWHV-SPTS Kauai (PMD-NY) (SN-TX)
 5519 U 0720 KVM79-Honolulu Aero - VOLMET b/c (PMD-NY)
 5643 U 1222 Honolulu Aero wkg a/c 170 (SAC-AUST)
 6506.4 U 0547 NMO-CG Honolulu - marine WX b/c (HCB-WA)
 15000 A var. WWHV-SPTS Kauai (PMD-NY) (DDS-FL)
 NCAL: 16952.2 C 1403 FUJ-FF NAVRAD Noumea - V mkr (HGU-TX)
 22461 C 0635 FUJ-FF NAVRAD Noumea - V mkr (GLT-NM)
 NZEL: 5643 U 1225 Auckland Aero wkg New Zealand 6 (SAC-AUST)
 8847 U 0520 Auckland Aero wkg Quantas 44 (JHA-JA)
 8903 U var. Auckland Aero - VOLMET (GHS-IL) (PMD-NY) (JDM-MN)
 13126 U 0824 ZLW-Wellington MARCO wkg m/v Monoway (JRW-MS)
 22300a C 1900 ZLO-Iirangi NAVRAD - DE/GSX mkr (SN-TX)
 22375 C 0040 ZLO-Iirangi NAVRAD - DE mkr (GLT-NM)
 PNG.: 13042 C 0700 P2R-Reboul MARCO, New Britain - V mkr (SK-CA)

**** SHIPS ****

2142 A 0438 MACK- USS CONCORD c/g Norfolk Marine Op (ML-ME)
 4485a C 0733 JCCS- GHITA MARU- callup to VAI Vancouver (SN-TX)
 5680 U var. NGSP- CGC VIGOROUS- SAR off Grand Cayman, Is. (BCW-FL)
 5696 U 0406 MWAG- CGC HAMILTON wkg CG Gltmo (GHS-IL)
 C 0227 HZFN- AL FAROUK (Saudi Navy) wkg NMN (R/LJ-GA)
 6506.4 U var. NHKX- CGC CONFIDENCE wkg CG San Francisco (BMA-IA) (HCB)
 6506.4 U 0420 NHRV- CGC CLOVER wkg CG San Francisco (HCB-WA)
 6506.4 U 0612 WTER- NOAA RESEARCHER wkg CG Kodiak (HCB-WA)
 6506.4 U 0700 NODZ- CGC WOODRUSH wkg CG Kodiak (HCB-WA)

CG 1426 - PFC in 9d for MS 8980 kHz (BCW-FL)
 CG 1494 - PFC in 11d for MS 5696 kHz (BCW-FL)
 CG 2111 - PFC in 14d for MS 5696 kHz (BCW-FL)
 SABENA 499 - Ltr in 30d for MS 11300 kHz (HDT-WV)
 LONG WAYB:
 IT- Tompkins Cnty Airport, NY- PFC-21d - MS - 266 kHz (HH-MD)
 VTI- Vinton IA Airport- PFC 26d for MS- 338 kHz (HH-MD)
 Z- Sept Iles Airport, Geubec- Ltr 5d - 354 kHz (HH-MD)
 HDL- Holdenville OK- Ltr 6mo- MS 411 kHz (HH-MD)

SHIPS:

KCEA- GALVESTON - PFC in 30d for MS - 16463.1 kHz (LM-CA)
 NNNM- USS CALOOSAHATCHEE- PFC 27d MS- 14470 kHz (MDC-NY)
 NNNM- USS MANITOWOC- PFC in 25d for MS 14477 kHz (MDC-NY)
 NNNM- USS PORTLAND- Ltr, pic- 36d for MS - 14470 kHz (MDC-NY)
 NHIC- CGC VACILLANT - PFC in 7d for MS 6212.4 kHz (RMS-NY)
 OMCJ- NORDPOL- PFC in 3mo 12540 kHz (HH-MD)
 JTOP- NARCAGUA MARU- PFC in 36d for IRC - 12546.6 kHz (HH-MD)
 PJTW- BECONIA- Ltr in 29d for IRC 12540 kHz (HH-MD)
 W4491- GRANDKUDDER- Ltr, pic in 27d for MS - 12340 kHz (HH-MD)
 W4491- GRANDKUDDER- Ltr, pic in 18d for MS 12320 kHz (HH-MD)
 ATKG- VISHVA ASHA- Ltr, pic in 51d for IRC- 12546.6 kHz (HH-MD)
 PGDG- NEDLLOYD KINGSTON- Ltr, pic in 30d for IRC- 12545.4 kHz (HH-MD)
 OGYD- AURORA- PFC in 4mo for IRC - 12540 kHz (HH-MD)
 ZMID- OCEAN MERMAID- Ltr in 41d for IRC - 12340 kHz (HH-MD)
 ZGIS- CURRENT EXPRESS- PFC in 36d 12432.3 kHz (HH-MD)
 H02379- J. RAY McDERMOTT- PFC in 35d for IRC - 12320 kHz (HH-MD)
 ELQA- HUNTER BOW- PFC in 59d for IRC - 12546.6 kHz (HH-MD)
 PLIG- NEDLLOYD WAALKERK- PFC in 33d XRP- 12545.4 kHz (HH-MD)
 VRDM- CAST DOLPHIN- Ltr in 50d for IRC 12542.7 kHz (HH-MD)
 GNOY- GAMBADA- Ltr in 40d XRP 12544.8 kHz (HH-MD)
 JPOD- SANTA CATALINA MARU- PFC in 39d for IRC- 12546.6 kHz (HH-MD)
 A8HU- WORLD CANADA- Ltr in 80d for IRC- 12540.6 kHz (HH-MD)
 WYU5217- JOY- PFC in 18d for MS 12360 kHz (HH-MD)
 WYB6797- GULF FLEET #23- Ltr in 42d for MS- 12320 kHz (HH-MD)
 WXS6019- KATALINA- PFC in 59d for MS - 12360 kHz (HH-MD)

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 (JEB-CA) Jason Berri (HAL-OH) Robert Leary

6506.4 U 0608 NODT- CGC SASSAPRAS wkg CG Honolulu (HCB-WA)
 6506.4 U 0614 MPES- NOAA SURVEYOR wkg CG Kodiak (HCB-WA)
 6506.4 U 0621 WDL- NOAA CHAPMAN wkg CG Kodiak (HCB-WA)
 6506.4 U 0611 NRPN- CGC IRONWOOD wkg CG Kodiak (HCB-WA)
 6506.4 U 0644 NODO- CGC MALLOW wkg CG Honolulu (HCB-WA)
 6506.4 U 0616 WFB- NOAA MILLER FREEMAN wkg CG Kodiak (HCB-WA)
 6506.4 U 0628 MTEB- NOAA FAIRWEATHER wkg CG Kodiak (HCB-WA)
 8234.4 U 0120 KJJD- SEALAND EXPRESS wkg WOO (BLA-PA)
 8241.5 U 0010 ULKL- DAVID P. REYNOLDS wkg CG Portsmouth (RJI-CA)
 8257 U 0203 XJTP- TULJAM clg Radio Mexico (RHP-MD)
 8808.8 U 1313 m/v NORRIS TIDE wkg WLO Mobile AL (JDM-WN)
 8811.9 U 0020 m/v PATRIND P/P via WOM Ft. Lauderdale (JDM-WN)
 12330 U 0402 UOYO- RAPHAEL clg Moscow MARCO (RHP-MD)
 12330 U 0400 VLADIMIR KOMAROV clg Moscow MARCO (RHP-MD)
 12330 U 0400 URDO- YURIY GAGARIN clg Moscow MARCO (RHP-MD)
 12330 U 2052 GIVA- C.S. IRIS clg Fortfishhead MARCO (RHP-MD)
 12330 U 1710 GHOP- PACIFIC PRINCESS P/P via KWI (HCB-WA)
 12333.1 U 1635 m/v KEY BISCAINE P/P via KWI (HCB-WA)
 12391.7 U 0041 XGMI- MONTERREY clg Radio Mexico (RHP-MD)
 12432.3 U 1705 fishing vessel FELICIAN wkg WSH Tacoma WA (HCB-WA)
 12432.3 U 1710 KRDIH- PRESIDENT WILLMORE wkg KHT (HCB-WA)
 12435.5 U 2215 WLKP- MARIANA wkg WDR Miami FL (HCB-WA)
 13113.2 U 2127 NWHB- CGC YOGONA clg CG San Francisco (HCB-WA)
 14478 U 2109 NNWQNZ- USS WM. V. FRAIT wkg NNWYIBU (BCW-FL)
 14792 C 0025 RMUT- unkn Soviet Naval Vessel- clg RiW (MDC-NY)
 16466.2 U 1705 m/v THE LIBERATOR wkg KWI (HCB-WA)
 16587.1 U 0140 m/v WINDWARD wkg m/v VAGABOND (JDM-WN)
 16587.1 U 2020 kgs DORIS MORAN wkg WBY (HCB-WA)
 16590.2 U 1750 KGSN- MOBILE MERIDIAN wkg WHN Seattle WA (HCB-WA)

**** AIRCRAFT ****

CG 1476 wkg CG Boston MA (BLA-PA)
 CG 5794 wkg CG Vigoroux (BCW-FL)
 CG 1373 wkg CGAS Traverse City MI (GHS-IL)
 CG 1429 wkg CGAS Brooklyn NY (BLA-PA)
 CG 1373 wkg CGAS Traverse City MI (BLA-PA)
 CG 2105 wkg CG Portsmouth VA (RJI-GA)
 CG 1486- wkg NMC with in-flight emergency (RJI-GA)
 CG 02 wkg CG Portsmouth VA (BLA-PA)
 CG 02 wkg CG Portsmouth VA (BLA-PA)
 CG 1497 wkg CG/CGAS New Orleans IA (GHS-IL) (JDM-WN)
 U 0039 AEROFLOT 335 wkg Boyeros Aero (RJI-GA)
 U 1335 MAC 50250 wkg Hickam Aways (JDM-WN)
 U 1331 MAC 38087 wkg Hickam Aways (JDM-WN)
 U 0110 MAC 06146 wkg Loring Aways (RAL-OH)
 U 0012 MAC 50275 wkg Santa Maria Aero (JDM-WN)

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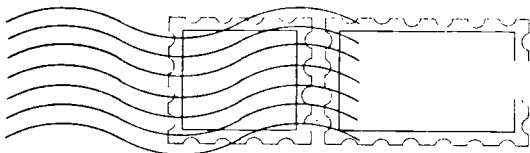
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 (BCW-FL) Bernie Wimmers

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**** Your ute editor continues to offer an Abbreviation & Terminology list, that explains the shorthand used in this column. Additionally, I also offer a Country Abbreviation listing. Either or both can be had from me, in exchange for a Letter Size SASE. (1-IRC for overseas)

**** The column editor to publisher deadline was moved up this month, so this column was somewhat rushed into drafting. This fact, plus the column deadline falling on a Sunday means that a few of you missed getting into this issue. I will hold your contributions for next month.

**** The following QSL cards maybe of interest to novice ute QSLers.....



EDITOR:
JOHN KAPINOS
86 S. QUINSIGAMOND AVE.
SHREWSBURY, MA 01545

Deadline: 12th of the month

QSL REPORTS

For starters, just to confuse everyone, please forget about all the revised deadline dates that have been mentioned in the past few months. Until further notice, all deadlines will be the 12th of the month. Sorry about all the confusion, but our vacation plans were changed several times due to circumstances beyond our control.

EUROPE

- AUSTRIA: ORF, 5945, f/d "Austrian Art" card in 57 days (Sharp-FL); 9770 f/d Photo of Karnten card in 65 days (Krist-VA); 12015, f/d "Burgenland" card in 35 days (Munster-GA), f/d cd in 14 days (Miller-CA), f/d "Adam" card in 66 days (Speer-CA). Skeds also received.
- BELGIUM: BRT, 11695, f/d form letter, 21 days (Kanon-NY), same in 65 days (Ulmer-LA), f/d art cards in 21 days along with pennant and sticker (Hensley-TX), f/d Flemish Art card in 20 days (Krist-VA), f/d letter in 48 days (Grijalva-AZ), f/d "Le Judgement dernier" cd in 55 days (Smith-FL), f/d art card in 18 days (Miller-CA); 17595, f/d "Memling" card in 23 days (Stephany-NY); 21525, f/d letter in 35 days (Beiter-PA); Station ORU, La Voix De L'Amitie", f/d "Final Oscillating Circuit" card in 15 days for FF report (Hesch-NY). Please note, and thanks to Ruth Hesch for bringing this to our attention, ORU is seperate from BRT. According to WRTVH-1982 all ORU transmissions are in French. (kap).
- BULGARIA: Radio Sofia, 9700, date only "National Theatre" card in 36 days (Grishin-ONT). Most Sofia cards are f/d, some p/d ones do come along (kap).
- CZECHOSLOVAKIA: Radio Prague, 7545, f/d color view of Prague cd in 61 days along with slides and small doll (Sharp-FL); 9740, f/d card in 66 days (Smith-FL); 11990, f/d card, slides and doll in 95 days (Hosmer-MI). The slides are nothing new, the doll is (kap).
- DENMARK: Radio Denmark, 15165, f/d "Flowers" cards in 18 days (Jones-VA), in 12 days (Stephany-NY), in 42 days (Sharp-FL).
- ENGLAND: BBC, 15070, usual n/d "Thames Bridge" card in 11 weeks (Wilkins-CO), 21710, same in 28 days (Chituck-ITALY); VOA Wooferton Relay, 11865, f/d Golden Gate Bridge card in 5 days, site on the card was spelled "Wooffer-ton (Greenbauer-AZ).
- FRANCE: Radio France Internationale, 17850, f/d 50th Anniversary card in 18 days (Krist-VA). Perhaps they will have a new card soon, as they've been using the same one for well over a year. (kap).
- GERMANY, DEMOCRATIC REPUBLIC: Radio Berlin International, 11840, f/d card in 58 days (Ulmer-LA), 11975, f/d "Rotes Rathaus" cd in 48 days (Speer-CA), 21465, f/d Clock Tower Card in 61 days (Sharp-FL).
- GERMANY, FEDERAL REPUBLIC: 9650, f/d EDXC Contest card in 54 days (Munster-GA), 6040 f/d DW Broadcast Center card in 19 days (Krist-VA); 6045, 9545, 21600, 11865, date only monitor card in 46 days (Jones-VA); Sudwestfunk, 7265, date/freq circles card in 97 days, IRC (Jones).
- GREECE: Radio Station Makedonias, 15040, f/d "Chios" card in 6 weeks along with tourist brochures (Lobdell-MA), same in 13 days, IRC (Sharp-FL).
- HOLLAND: Radio Netherlands, Lopik, f/d art card in 47 days (Van Horn-TX).

HUNGARY: Radio Budapest, 17710, f/d Buildings card in 30 days (Grishin-ONT)

LUXEMBOURG: Radio Luxembourg, 6090, f/d Antenna Tower and Emblem card in 74 days (Kanon-NY).

MALTA: IBRA Radio, 9515, f/d "Copper Artwork from Zaire" card in 16 days along with nice metal stick pin (Stephany-NY); DW Relay, 15105, date only Rural Scence card in 29 days (Thompson-NM); 15105, f/d EDXC Comemororative card in 65 days (Evans-TN).

NORWAY: Radio Norway ("Radio Top of the World"), 15175, f/d scene card in 54 days (Smith-FL); 21715, same in 43 days (Kapinos); 25730, same in 53 days (Sharp-FL).

POLAND: Radio Polonia, 9525, 15120, f/d Warsaw Scene cards in 52 days (Zolla-CA), in 112 days (Krist-VA), in 78 days (Sharp-FL), in 64 days (Stephany-NY), in 66 days (Ulmer-LA).

PORTUGAL: Radio Portugal, 9575, f/d "The Mirror of Venus" card in 34 days (Speer-CA); 11925, f/d Animals at the Lisbon Zoo card in 22 days along with sked (Krist-VA).

ROMANIA: Radio Bucharest, 11940, 15390, f/d cards in 93 days (Grishin-ONT), in 83 days (Speer-CA), in 123 days (Krist-VA), in 4 months (Ulmer-LA), in 107 days (Van Horn-TX), in 150 and 114 days (Greenbauer-AZ), in 102 days (Zolla-CA), in 153 days (Kapinos).

SPAIN: Spanish Foreign Radio, 9630 and 11880, f/d cards (mostly the World Cup-1982 type) in about 4 weeks average (Ulmer-LA, Thompson-NM, Speer-CA, Sharp-FL, Miller-CA, Preston-CA, Greenbauer-AZ).

SWITZERLAND: Swiss Radio International, 15305, f/d Studio cd in 23 days (McCants-AL), 11715, f/d SBC HQ card in 41 days (Speer-CA), f/d card in 120 days, 2 IRC (Hamer-MN).

VATICAN CITY: Radio Vaticana, 6015, 9605, 21485, f/d cards in 20 days (Stephany-NY), in 15 days (McCants-AL), in 40 days (Ross-ONT).

YUGOSLAVIA: Radio Yugoslavia, 9620, f/d full color Belgrade scenes card in a total of 989 days, 7 follow ups, a total of 12 IRC (Sharp-FL). No comment other than these guys have been known to lose a report or five.

AFRICA

ASCENSION ISLAND: Radio Atlantico del Sur, 9710, n/d "Bringing Truth to the Front" card in 3 months, 2 IRC, SS report (Lazarus-LA); BBC Relay, 15400, n/d bridge card in 60 days (Chinsky-NY), 15260, full data bridge card in 90 days along with 2 copies of London Calling (Jones-VA).

CAMEROUN: Radio Garoua, f/d Black on White folder card in 162 days, IRC, EE report (Tate-WV).

GABON: Radio France International Moyabi Relay, 15435, f/d 50th Anniversary card, sked and pennant in 26 days (Parks-FL), same card along with sticker and sked in 19 days, IRC (Hosmer-MI).

LIBERIA: ELWA, 4765, f/d Studio and Transmitter card in 82 days along with sked, IRC (Sharp-FL); ELBC, 3255, f/d Logo card in 32 days (Wilczek-IL), VOA Monrovia Relay, 15580, f/d 40th anniversary card in 7 days (Greenbauer).

LESOTHO: Lesotho National Broadcasting Service, 4800, f/d Flag cards in 120 days, 2 IRC (O'Riordan-ID), in 82 days, 2 IRC (Sharp-FL), in 9 weeks after follow up, 2 IRC (Wilkins-CO). Good show here, folks (kap).

MADAGASCAR: Radio Netherlands Relay, 15220, f/d Van Gogh Painting cards in 47 days (Van Horn-TX), in 66 days (Greenbauer-AZ).

MOROCCO: VOA Tangier Relay, 15205, f/d anniversary cd in 8 days (Dunham-LA).

NAMIBIA: Radio SWA, 4965, f/d Desert Scene cd in 46 days, 3 IRC (McLain-CA).

NIGERIA: Kwara State BC Corp., 7145, f/d form letter and sticker in 29 weeks mint stamps (Wilkins-CO); Voice of Nigeria, 15120, f/d Remembrance Arcade card in 273 days, 2 IRC (Speer-CA).

SENEGAL: ORTS, 7210, date/time card in 364 days, 2 IRC, EE report (Leite-MA). Very good, Steve, nice to see this one reported once in awhile.

SEYCHELLES: 15200, usual no data map cards in 24 days (Sharp-FL), in 35 days 2 IRC (Van Horn-TX).

SIERRA LEONE: SLBS, 5980, f/d personal letter in 35 days, 3 IRC (Kanon-NY)

SOUTH AFRICA: Radio Five, 3250, f/d card in 28 days (Parks-FL); SABC, 4835, f/d card in 24 days, IRC (Preston-CA), Radio RSA, 5980, 9580, 9615, 15325, f/d cards in 20 days (Speer-CA), in 19 days (Greenbauer-AZ), in 18 days (Stephany-NY), in 20 days (Hensley-TX), in 30 days (Thompson-NM). Pennants were also received. Radio RSA has a rather nice one, and it can usually be had for the asking (kap).

SWAZILAND: Trans World Radio - Manzini, 7295, f/d Station House card in 81 days, IRC (Sharp-FL), in 58 days, 2 IRC (Speer-CA). Beware of their skeds, they are in local time, not GMT and this can get a bit confusing at times. Chris Lobdell in his excellent Skeds Column in this very bulletin always converts to GMT to help. (kap). Best one I ever saw was the fellow in another unnamed publication swipe Chris' sked and then convert it all over again. Wound up being about 8 hours wrong (kap).

UGANDA: Radio Uganda, 15325, f/d Building card in 167 days (Levy-MS). Well, Jim, you beat part of the "Mass. contingent" on this one, I've yet to get it (kap). Seriously, congrats.

MIDDLE EAST

EGYPT: Radio Cairo, 9475, f/d cards in 78 days (Krist-VA), in 76 days (Ulmer-LA), in 84 days (Kanon-NY).

ISRAEL: Kol Israel, 11640, 15584, 21495, f/d cards in 38 days (Krist-VA), in 82 days, 2 IRC (Greenbauer-AZ), in 30 days (Thompson-NM) in 52 days (Speer-CA)

KUWAIT: Radio Kuwait, f/d folder in 50 days, 2 IRC (Kanon-NY).

QATAR: QBS, 15505, f/d map and crest card in 130 days (Ross-ONT), date only letter in 32 days (Pagano-DC).

UNITED ARAB EMIRATES: Radio Dubai, 17775, f/d map and logo card in 25 days along with pennant, IRC (Hensley-TX), same in 41 days, IRC (Smith-FL); 21695, same in 21 days (Hesch-NY).

ASIA

CHINA: Radio Peking, 15120, 15520, 17680, 17855, f/d cards in 14 days, IRC (Preston-CA), in 23 days (Leder-??), in 31 days (Grishin-ONT), in 35 days (Ulmer-LA), in 32 days (Krist-VA), in 20 days, IRC (Moore-TX), in 29 days (Greenbauer-AZ). Return postage not needed here, folks. Also, Radio Peking has many nice pennants, available for the asking.

INDONESIA: Voice of Indonesia, 11790, f/d cards in 96 days, IRC (Hosmer-MI), in 90 days (Stephany-NY), in 180 days (Ross-ONT); RRI Nusantara V Jayapura, 9612v, f/d plain white card with frequency listed as 9610 in 37 days, 2 IRC, II report (Parks-FL). Good go, not many Indo reports for the 31 metre band (kap).

JAPAN: Radio Japan, 11815, p/d Wisteria Flowers card in 30 days (Speer-CA), 17825, p/d "Approach to Sanzen-In Temple, Kyoto" card in 16 days (Thompson-NM), p/d Danzan Shrine cd in 28 days, 2 IRC (Hamer), 21640, p/d "Emperor and Empress" doll cards in 14 days (Thompson).

KOREA, SOUTH: Radio Korea, 9570, f/d "Mask" card in 16 days (Stephany-NY); 9720, f/d Rich Harvest card in 13 days (Miller-CA); 11830, f/d 1988 Olympics card in 17 days, IRC (Preston-CA); 15575, f/d Radio House card in 45 days (Robichaud-New Brunswick); 11830/9720, f/d Olympics card in 21 days along with pennant (Avogaro-CA).

MONGOLIA: Radio Ulan Bator, 12070, f/d cards in 115 days (Manning-TX), in 180 days (Radtke-CA), in 81 days (Stephany-NY), in 21 weeks (Wilkins-CO) in 3 months (Witte-CA), in 135 days (Lord-CA), in 139 days (Levy-MS). Those who sent return postage had it returned. (kap).

NEPAL: Radio Nepal, 9590, f/d card and personal letter, v/s B.P. Shivakoti, in 20 days for EE report, tape and U.S. \$1. (Witte-CA). Very nice, Marge.

PAKISTAN: Radio Pakistan, 13605, f/d Badshahi Mosque Lahore card in 97 days IRC, EE report (Ward-PQ).

PHILIPPINES: VOA Relay, 15290, f/d card in 6 days (Dunham-LA), 11715, same in 6 days (Van Horn-TX), 17740, same in 19 days (Stephany-NY); FEBC, 17810, f/d logo card in 148 days (Zolla-CA); Radio Veritas Asia, 11955, f/d Catamaran on Beach card in 32 days, 2 IRC (Speer-CA).

SINGAPORE: Radio Singapore, 11940, f/d Singapore City View cards in 96 days, 2 IRC (Thompson-NM), in 52 days, IRC (Dampier-NY), in 42 days, along with sek, 2 IRC (Greenbauer-AZ).

SRI LANKA: Adventist World Radio - Asia via SLBC, 11835, f/d "Radio Monitors International" card, pennant and QSL stamp, in 24 days, (Stephany-NY); Sri Lanka Broadcasting Corporation, 15425, f/d "Spot Scenec of Anurad Hapura card in 44 days, 2 IRC (Ward-PQ).

TAIWAN: Voice of Free China, 11740, f/d Opera cd in 94 days (Ulmer-LA).

VIETNAM: Voice of Vietnam, 10080, f/d logo card in 172 days, 2 IRC (Stephany-NY); 15012, same in 109 days, IRC (Sharp-FL).

SOVIET UNION

RADIO MOSCOW SITES:

Armavir, 11.70, f/d card in 60 days (McCants-AL), 11700, same in 30 days (Stephany-NY)

Khabarovsk, 11.72, f/d card in 40 days (Speer-CA), in 30 days (Stephany), in 36 days (Smith-FL)

Komsomols-on-Amur, 11.71, cd in 40 days (Speer)

L'vov, 11720/9700, f/d card in 27 days (Ulmer-LA)

Moscow, 11710, f/d card in 36 days (Ulmer), 11750, in 41 days (Krist-VA)

Petropavlovsk-Kamchatsky, 15.24 and 15.42, f/d cds in 40 days (Speer); in 44 days (Ulmer), in 51 days (Greenbauer-AZ)

Vinnitsa, 11980, f/d card in 41 days (Smith-FL)

Radio Tashkent:, 9650, f/d card and postcards in 50 days (McLain-CA), 11785, f/d cards in 72 days (Ward-PQ); 15460, same in 39 days (Krist-VA)

Radio Station Peace and Progress:, 15550, f/d logo cd in 40 days (Hosmer-MI)

Radio Vilnius:, 11735, f/d card in 88 days (Venckus-IL), 11770 same in 80 days (Hosmer)

Radio Kiev: 11735, f/d cards in 47 days (Ulmer-LA), (Krist-VA).

OCEANIA

AUSTRALIA: Radio Australia, 15320, f/d Regent Bowerbird cd in 35 days (Smith-FL); 17795, f/d Black Swans cd in 13 days (Stephany-NY), f/d Penguins cd in 13 days (Hensley-TX); 21740, f/d Regent Bowerbird cd in 15 days (Bartsch-MN); VLI6-Sydney, 6090, f/d map cd in 29 days, IRC (Parks-FL); VLR-6 Kyndhurst, 6150, f/d card in 216 days, 2 IRC (Dampier-NY); ABC Wanneroo, 9610, f/d map card in 23 days, 2 IRC (Van Horn-TX), same in 22 days (Greenbauer-AZ); ABC Lyndhurst, 9680, f/d map cards in 38 days, 2 IRC (Stepahny-NY), in 11 months, 16 days, 2 IRC (Jones-VA), in 330 days, (Ross-ONT); VLW-15 Wanneroo, 15425, f/d map card in 24 days IRC (Avogaro-CA); and, one more Radio Australia, 17795, f/d Bowerbird card in 17 days, ms (Kivell-NM).

COOK ISLANDS: ZK4, CIBS, 11760, 2 f/d Man and Conch Shell cards in 25 days, IRC, for 2 reports (Wilczek-IL).

GUAM: KTWR, 9535, f/d card in 14 days (McLain-CA); 11840, same in 20 days (Avogaro-CA).

NEW ZEALAND: Radio New Zealand, 15485, f/d card in 53 days, 3 IRC (Kanon-NY); 17705, same in 39 days, 3 IRC (Hensley-TX). Radio New Zealand now requests 4 IRC for return postage (kap).

PAPUA NEW GUINEA: Radio West Sepik, 3205, p/d personal letter in 1 year for EE report, direct from Vanimo, v/s Raka Saini, Station Manager, mint stamps (Lazarus-LA); Radio North Solomons, 3322.5, p/d personal letter in 1 year, 45 days after follow up, EE report, IRC, v/s Sam Sawa, Asst. Manager (Wilczek-IL).

SOLOMON ISLANDS: SIBC, 5020, 9545, f/d Logo cards in 23 days, 2 IRC (Reinecker-PA), in 28 days, IRC (Schulsinger-OH), in 31 days, IRC (Sharp-FL), in 20 days, IRC (Sharp), in 30 days, 2 IRC (Stephany-NY), in 29 days, 3 IRC (Kanon-NY), in 36 days, 2 IRC (Kivell-NM), in 30 days, IRC (Krist-VA). SIBC does now require return postage (kap)

SOUTH AMERICA

ARGENTINA: RAE, 9690, f/d card in 33 days (Klasek-MO), freq only cd in 53 days, 2 IRC (Greenbauer-AZ), no data card in 34 days, IRC, SS rpt (Moore-TX); 11710, card in 33 days (Venckus-IL); Radio Belgrano-LRY1, 6090, f/d view of Buenos Aires cd in 34 days, SS rpt (Wilczek-IL).

BOLIVIA: Radio Padilla, 3480, p/d letter in 11 months for SS report and ms, v/s Amanda Paredes (Lobdell-MA); Radio Illimani, 6025, letter and tourist folder in 90 days for SS report and IRC, v/s Mario Ortiz (Radtke-CA).

BRAZIL: R. Alvorada, 3335, n/d personal letter stating report was correct, in 19 days, EE/SS report, v/s Padre Pasquare Filippelli, Dir (Wilczek-IL), R. Dif. Taubate, 4925, freq only cd in 23 days, PP rpt, 2 IRC (Pagano-DC), Radio Marumby, 9675, f/d scene card in 18 days for PP report, IRC, v/s Claudio R. Moraes (Avogaro-CA); R. Gazeta, n/d letter in 26 days for 2 IRC, PP report, v/s Ligia Dotti (Pagano); R. Guaiba, 5965, date only multi lingual letter in 26 days for PP report, 2 IRC, v/s Werner Volk (Pagano); R. Universo, 6020, f/d prepared card and personal letter in 3½ months, PP report, ms (Lazarus-LA); R. Jornal do Commercio, 6085, f/d Building card in 69 days, PP rpt, IRC, v/s Artur S. Miranda (Parks-FL); Radio Record, 11965, form letter and static sticker in 3 months for PP report and ms, v/s Selma Maria Leite (Lazarus-LA); Radio Bras, 17830, f/d cards in 100 days (Van Horn-TX), in 161 days (Harrell-IL), in 131 days, 2 IRC (Greenbauer-AZ), in 144 days, IRC (Moore-TX).

COLOMBIA: Ondas Del Orteguaza, 4975, personal letter with verie statement along with 2 pennants in 1 month for SS report and ms, v/s Elizabeth David de Santos, Gerente (Lobdell-MA).

ECUADOR: HCJB, various frequencies, f/d cards in 42 days (McCants-AL), in 37 days (Smith-FL), in 15 days (Stephany-NY), in 70 days (Thompson-NM), in 20 days (Ulmer-LA), in 35 days (Kanon-NY), in 36 days (Krist-VA); Radio Popular Independiente, 4800, f/d prepared card and personal letter in 6 months for SS report and ms, v/s Manena de Villavicencio (Lazarus).

GUYANA: G B S, 5950, f/d letter in 83 days, 2 IRC (Manning-TX).

PARAGUAY: Radio Nacional, 11915, freq only letter in 28 days, SS report, 2 IRC (Chinsky-NY), p/d letter in 27 days, SS report (Pagano-DC), date only letter in 22 days, SS report, IRC (Stephany-NY). Tourist information was also received. (No thank you -kap)

PERU: Radio Madre de Dios, 4950, personal letter of verification in 20 days, SS report, v/s Frco. Javier Aniz O.P. (Wilczek-IL); Radio Union, 6115, date only card in 18 days for EE report, 3 IRC (Dampier-NY).

VENEZUELA: Radio Mara, 3275, f/d letter in 51 days for ms (Klasek-MO); R. Maturin, 5040, date/freq cd in 42 days for ms (Klasek).

NORTH AMERICA

ANTIGUA: BBC Relay, 6175, n/d Thames cd in 20 days (Evans-TN).

BELIZE: Radio Belize, 3285, f/d map cd in 52 days (Sharp-FL).

BONAIRE: Trans World Radio, 9755, f/d cd in 18 days, IRC (Moore-TX), in 25 days, IRC (Latko-OH), in 30 days, IRC (Preston-CA); 11755, same in 26 days, 2 IRC (McCants-AL); Radio Netherlands Relay, 6165, f/d card in 20 days (Evans-TN), in 12 days (McCants-AL); 9590, in 14 days (Kanon-NY), 17695, f/d cd in 18 days (Schulsinger-OH). For quicker replies, reports for all Radio Netherlands transmissions should be sent direct to Hilversum. They do indicate the site on the card, and the site is the indication of the country heard and counted (kap).

CANADA: CFCX-Montreal, 6005, p/d cd in 17 days, ms (Schulsinger-OH), Radio Canada International, various frequencies, f/d "Do It Yourself" cards were received by Krist-VA, Greenbauer-AZ, Witte-CA, Miller-CA.

COSTA RICA: Radio Reloj, 4832 and 6006, date/freq cards in 330 days, SS report, IRC (Ross-ONT), in 16 days (Strandberg-WA), in 125 days, SS report, IRC (Stephany-NY), in 119 days for SS rpt, \$1. U.S. (Drollinger-WI), in 28 days, SS rpt IRC (Moore-TX), in 14 days, 2 IRC (Kanon-NY). Good news indeed, this formerly notorious non verifier is now sending out a pretty neat card. Gee, I wonder if they'll return the \$10+ worth of rp I've sent them over the years (kap).

CUBA: Radio Habana, 11760, f/d card in 8½ months (Demmitt-PA). Oh yes, Congratulations go to Kraig Krist for being the winner of one of last month's contest. The station relayed by Cuba was the Voice of Vietnam and the situation ended with the end of U.S. involment in 1975 (kap).

HONDURAS: HRVC, 4820, f/d map/logo cd in 18 days, 3 IRC (Van Horn-TX).

MEXICO: Radio Universidad de Mexico, XEYU, 9600, freq only letter in 131 days, 23 days after f/u, SS report, IRC, v/s Ing. Francisco de la Cruz, correct address is Adolfo Prito 133, Colonia Valle, Mexico 12, DF (Parks).

UNITED STATES: WYFR, f/d cds in 22 days (Avogaro-CA), 11 days (Schulsinger-OH), 54 days (Kanon-NY); VOA via Greenville, f/d cards (Andre-FL, Chituck-ITALY), AFRTS via Greenville, 9590, f/d cd in 175 days (Ross-ONT); KGET, 15280, f/d cd in 60 days (Hensley-TX), 15290, f/d cd in 67 days, ms (Stephany-NY); Voice of Free China via Okochobbee, 5985, f/d cd in 73 days (Ulmer-LA), in 83 days along with pennant (Hosmer-MI); WINE Red Lion, 15145, f/d cd in 15 days (Avogaro-CA), 23 days (McCants-AL); WRNO-New Orleans, various frequencies, p/d CARDS in a month or so (Leder, Robichaud-New Brunswick, Van Horn-TX), Thompson-NM). The new cards look really neat, thanks to Alan Leder for the photocopy. Now, if they would only make them f/d.

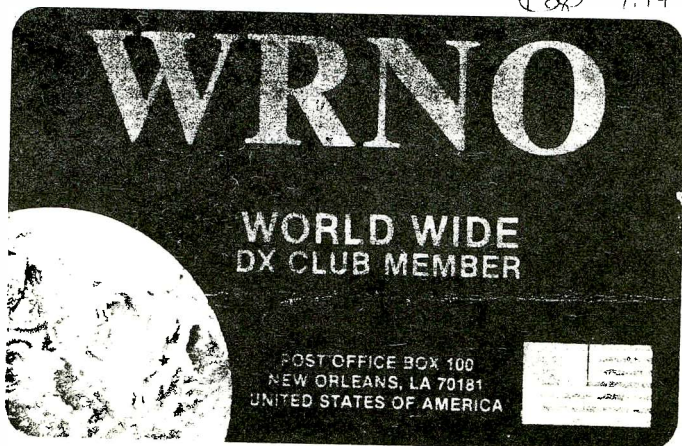
U.S.A. Pirates: No more, not here (kap).

KAP'S KOMMENTS: Well, we ran a bit light this month, so we'll be able to use a few more pictures this time. Must remind you that I cannot use time station QSLs, these go to Mike Chabak, our erstwhile UTE Editor. One more thing, send only recent QSLs, several year old ones aren't of much use to the readers. Aha, bet you think I forgot the contest. Here it is: Five (5) different U.S.A. sites, QSLs must be dated 1 September 1982 or later. Nice prize out of the pennant box, only one winner, postmark determines ties and no phone calls allowed on this one.

Now, I'm going to have a Gansett. Narraganset, I mean, and not the Bay!!!!

Post

Cor 9.14 82





THANKS TO MIKE MOORE

SISTEMA RADIOFONICO H. B.
Roger Barahona y Hnos. S. A.



No. 1 EN COSTA RICA
GRACIAS A USTED.

730 K H Z
ONDA MEDIA

94.3 MGZ
F.M.

6006 KHZ
49 METROS

4832 KHZ
60 METROS

RADIO
Panamericana
97 Mgs. F.M. • 580 Kcs. O.M. Kcs. O.C.

Thanks to John Wilkins

Tips and Topics

THE FEATURE SECTION OF SPEEDX

EDITOR: ARTHUR S. GETZEL - 170-40 Highland Ave., Jamaica, NY 11432

COMPARATIVE SURVEY

TV NEWS VERSUS SHORTWAVE RADIO NEWS

by Donald McCants, AL

I heard a broadcast of the National Public Radio Program "Communique" the other day, and the subject that was discussed was one that has quite a bit of relevance to our shortwave radio hobby. The subject of this particular program was that of how the reporting of news events over the national television networks affects public opinion in the United States. The basic gist of the discussion was that the perception of most Americans on what is happening in the rest of the world is influenced by the news broadcast over the television networks primarily, and secondarily by the networks radio news services.

I found this program to be interesting and informative, but I thought it puzzling that no mention was made of how American public opinion is affected by the news that is broadcast over the international shortwave stations. Admittedly, shortwave radio listeners are a very distinct minority in the United States, due to the heavy prevalence of television and FM/broadcast band broadcasting in the United States. However, shortwave radio listening has become much more popular than it was ten years ago, due to the availability of good-quality, reasonably-priced shortwave radio receivers that bring the shortwave radio hobby within the reach of more people than was true in the past. These facts being true, let us examine what I think are some of the important differences between the way shortwave radio listeners perceive world news, and the way that television viewers perceive the news.

First of all, one important difference between the way shortwave listeners perceive the world news, and the way that television watchers perceive the news is the matter of perspective. Television network news tends to reflect the news of the journalistic elite in New York, and Washington, D.C. Because of the fact that most of the media news in the United States comes out of these two major cities, what most Americans perceive to be the news, as broadcast by the network news, is actually the events that are considered to be newsworthy by the journalistic elite. Shortwave radio listeners, on the other hand, get a more balanced and varied perspective on world news events, due to the fact that they are able to listen to news broadcasts from a number of different countries, and from a number of different political and ideological viewpoints. Where else can an individual hear a commentary from the Voice of America, a report from Taiwan on cultural activities there, a report on the latest industrial activities in Albania, and a Tass commentary from Radio Moscow about President Reagan's latest policy statement? Shortwave radio listeners tend to have a more cosmopolitan view of the world, due to the nature of the hobby. This variety of viewpoint and perspective is something that is largely lacking in American network news.

Another important difference between shortwave listeners and television viewers in respect to news is the matter of interest in news matters generally. In the main, the average television news watcher tends, I think, to be interested in news in a superficial manner. Many shortwave radio listeners, on the other hand, myself included, are more interested in in-depth news reporting, and commentary on the news, than the average American seems to be. I will admit that the situation has improved quite a bit concerning in-depth news coverage on television, particularly with such programs as the McNeil/Lehrer Report on National Public Television, but I think that even the in-depth, and/or investigative television programs tend to be somewhat biased in their reporting, particularly in the matter of reporting on the policies of an American president whose policies the programs' producers are not in favor of. I find that this is not the case, for the most part, on shortwave radio, as it is the policy of most shortwave facilities within the free world to be independent and objective in the reporting and investigation of news. This is particularly true in the case of the British Broadcasting Corporation and its news commentary programs. I believe that shortwave radio listeners actually have an advantage over those people who rely only on the boob tube for their news, due to the reliability and objectivity of their news source.

In closing, I believe that we shortwave radio listeners have a very good alternative source for finding out what is going on in the world, and if we are not taking advantage of the excellent resource that we have at our fingertips, we should, as we all need to be informed as to what is going on in the crazy, mixed-up world that we live in today.

DXING AID

THE NEW AV-251 CB ANTENNA ANNOUNCED BY ANTENNA SPECIALISTS

by Mike Nikolich and Bob Treanor, OII

The Antenna Specialists Co. has announced a new, professional-class CB antenna employing an "Avanti" high density phenolic coil form with solid copper windings encased in ABS housing.

Constructed with chrome plated solid brass hardware to prevent corrosion, the coil's heavy solid copper windings assure efficient power handling. The coil form is hermetically sealed in ABS housing for added durability, and also to assure low VSWR of 1.5:1 or better over all 40 channels. The spark plug styled ribbed coil surface dissipates heat and prevents RF loss.

The AV-251's whip in 17-7 PH precision stainless steel that is taper-ground to minimize range-robbing wind deflection at high-way speeds, yet provides high resiliency (can be bent full circle without taking a set). Overall length of the radiating surface is 60 inches for broader bandwidth and extended range. A plastic cap is provided for environmental protection when the coil-whip assembly is removed.

The AV-251 antenna comes with 17' of RG-58U coaxial cable, with standard PL 259 radio connector installed. In addition, the cable has a miniature in-line connector which simplifies installation of the cable. Its $\frac{1}{2}$ " hole mount guarantees secure and permanent installation. The antenna is also available in trunk and magnetic mount configurations. Suggested list price of Model AV-251 (hole mount) is \$38.50, the trunk mount, \$43.50, and the magnetic mount, \$44.50

For more information, contact: Marketing Department, The Antenna Specialists Co., 12435 Euclid Ave, Cleveland, Ohio 44106.



STATION REVIEWS

PROFILE ON RADIO BELGIUM

by Gayle Van Horn

Being a shortwave listener, many of you have heard the various broadcast stations that Europe has to offer. During my listening, I located what in my opinion, is one of the better European broadcasters, Radio Belgium.

Radio Belgium, also known as BRT, the Belgium Radio and Television, is located in the capital city of Brussels and transmit off two transmitters, one is 250 KW, the other broadcasts at 100 KW. Their station identification is, "This is Brussels, the International Service of the Belgische Radio en Television, the radio network of the Flemish speaking community in Belgium." BRT transmits programs to Africa, Europe, and the Far East as well as North and South America in Dutch, Spanish, Portugese and English. Their current English schedule may be found in back and future issues of any major hobby publication.

Belgium's schedule includes "Brussels Calling" during weekdays, which includes world news, local news and weather of Belgium, commentaries on local events, music, the Cultural Report and Outlook. In addition to these interesting programs, they feature Mailbag where listeners questions are answered and should they answer your letter over the air, they will mail you a copy of the script. On Sunday, Belgium features a DX and Music Box program and recently for stamp collectors, a new program on Philately was added to their format.

BRT also offers for their many listeners the Club Echo. For two reception reports a month with details of thirty minutes duration, members receive QSL cards (instead of a QSL stencil for non-members), pennants, BRT stickers, the club magazine with feature articles, program schedules, and a supply of reception report forms.

In addition to the Echo Club, Radio Belgium offers a pen pal service for those that would care to have a Belgian pen friend. Their address is : Belgian Youth Service, Egmontstraat 11, 1050 Brussels, Belgium.

If you would like to write Radio Belgium, their address is: BRT - Radio Belgium, P.O. Box 26, 1000 Brussels, Belgium. Their station fortunately has its own Public Relations department and are quite efficient in processing replies quickly. Give them a listen, and you too may find Belgium has a lot of offer.

by Norman Hill, VA

Togo is a small and peaceful, yet prosperous and influential nation in West Africa. Her 12,000 square miles is bordered by Benin, Ghana and Upper Volta. The Ewe, Kabrye, Bassari and Kotakole peoples are her population.

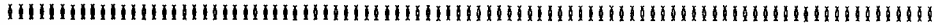
While shortwave remains a powerful medium in this part of the world, Togo has developed a mass VHF Telecommunications network (28-509 MHz). Many VHF antennas can be seen in the capital of Lome. I also saw VHF antennas in many villages. A very complete electric system allows for VHF operations.

However, shortwave fills the gap in broadcasts, marine and long distance communications. These services will probably co-exist peacefully with the developing VHF system for many years. So you can still catch Togo on the utility and broadcast frequencies.

Radio broadcasts are aired from Lome and Loma-Kara. The Lome studios are in a suburb of Lome and use a microwave studio-to-transmitter link to a site 10 sm outside Lome. I was treated a little less than courteous here! In Lama-Kara, some DJs invited me to their homes. All their facilities are in one place. Both sites use MW, SW (tropical), SW (international) and FM.

Television broadcasts are sent from Lome. Their are transmitters near Lome and Lama-Kara. Service is only a few hours each evening. They use the French overseas system and Secam, but with more power than most countries. And some of the programs are very good. Most hotels have a TV set.

In all, the people are friendly in Togo. And SW, MW, and VHF DXers will enjoy this country. In general, it is fairly good for all-wave DX or listening.



RESPONSE

A PERSONAL REPLY TO MARK JOHNSON'S HAM VS. SWL COMMENTARY

by Peter C. Card, RI

As a ham operator with 30 years licensed activity behind me, I claim the difference between a SWL and a ham operator is SWLing is a unilateral operation while ham radio is a bilateral operation when it comes to getting QSL cards. The SWL only has to hear the station while the ham radio operator has to be heard in return for an exchange of reports.

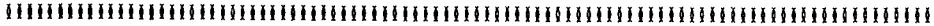
Today there are greater technical demands on hams. A lot more than the time when I first got my license. Now there is activity from above the broadcast band on 160 meters all the way down into the centimeters regions. Also, there is moon bounce and satellites using VHF and UHF signals. In addition, there is teletype and television work as well. Try looking at an Extra Class license exam and see for yourself.

While there are hams looking down on SWLs getting expensive receivers, there is the same possible reaction by SWLs looking down on hams when they find out the money spent on their antenna systems alone. One top DXer on the West Coast bought up a press wireless station for \$50,000 over 30 years ago loaded with rhombics all over the place. Last I knew, this piece of real estate was valued in the millions.

It is with regret that ham radio has its share of bad apples like everything else. Every so often one can read in QST of how somebody got nailed down by the FCC for improper operation and other violations. Goes to show there are those who are a discredit to the organization they are supposed to represent.

In settling this argument of ham vs. SWL, I got my start in ham radio as a SWL and BCL using the Hallicrafters SX-28A, S-36, and S-37 receivers. That was many years ago before I went into the Navy and got my electronics training as an Electronics Technician along with learning code with the radio gang to get my ham license. I believe there are others that got their start in ham radio starting out as an SWL.

In closing, I being both a ham and SWL find I can enjoy both without any conflict between them. In fact, the experience of one should be of help to the other. Especially when it comes to being there at the right time, place, and frequency to pick up a DX catch from a desired location. After all, there is an old saying in ham radio: If you can't hear them, you can't work them. An application of the reciprocity theorem in communications.



TIDBITS

INCREASED MEMORY FOR FRG-7700:

Yaesu's 12 channel memory chips actually have 256 channel capacity! All one needs to increase FRG-7700's "brainpower" more than 2,000% are a few inexpensive Radio Shack parts to make a 9-toggle switch box

which is wired to plug P34 of the Frog's memory circuitry (For full details, see Robert Lonn's illustrated "FRG-7700 256-Channel Memory Expansion" in SPEEDXer Bob Grove's Monitoring Times for Sept/Oct 1982, p. 17. (Dave Maxfield, MI)

RADIO JAPAN SSB: In order to confirm how effective the SSB system will be in improving reception, field experiments will be conducted by beaming Radio Japan programs to the western part of North America simultaneously with the actual broadcasting of the same program. The experiments will cover two weeks, from the end of September through mid-October and test-broadcast programs will be transmitted for about five hours daily to the Pacific coast of the United States. A Japanese survey team is scheduled to be sent to this area to monitor the test broadcast programs. Radio Japan will also be inviting general listeners residing in these areas to take this opportunity to positively serve as volunteer monitors by listening individually to the test broadcast programs. No information has been given concerning the times and frequencies of these tests. (Wilder A. Pickard II via Radio Japan)

TWO NEW CLUBS FORMED: The Deutsche Welle Hoerclub or Voice of Germany (VOG) Listener's Club has formed in Philadelphia under the auspices of Edward Maciocha. More information can be obtained (via SASE) from the president, Edward Maciocha, 4036 Penhurst Street, Philadelphia, Penn. 19124. The demise of the Newark News Radio Club has led to the founding of an Association of DX Reporters, 7237 Fairbrook Road, Baltimore, MD 21207. The membership dues are \$15.00 a year, and a publication, DX Reporter, contains many loggings as well as articles.

VOLTAGE SPIKE PROTECTOR: Radio Shack's 1983 catalog is available at their stores. On page 103 they list a voltage spike protector for \$9.95. This is an item which every shortwave listener should use to protect their solid state receivers from excess spike energy. It allows only a safe voltage to reach your equipment. Just plug it in. Great receiver protection for only \$10.00 (Bob Flick, MO)

DISINFORMATION: The past few years have witnessed an increase in Soviet activity in the propaganda field and particularly in the area of disinformation. Disinformation has been defined as the use of rumors, insinuations, distortions of facts, and half truths for political and foreign policy ends. All nations employ disinformation to some degree to further their own interests; however, few, if any, approach the Soviet Union in the use of Disinformation as a major, although little understood, element of its foreign policy. Some of the techniques used by the Soviet Union in the spread of disinformation include the use of a highly influenced, if not outright controlled, press in foreign countries; outright and partial forgery of documents; rumors; insinuations; altered facts and lies; international and local front organizations; clandestine radio stations; and overt and covert exploitation of a nation's academic, political, economic and media

personalities to influence the policies of the target nation. Although the US is, and will remain, the target of Soviet disinformation operations, increasing resources are now being devoted to operations directed at other governments as well. While the Soviets have always been active against the US, there has been a notable increase in this activity over the past two years. Only the Soviets know the reason behind this increased emphasis; however, some causes are believed to be the erosion of the "Detente Era", changes and proposed changes in US Foreign Policy Goals and Objectives and the Soviets own perception of the role the US is taking in world affairs. Although far from complete, some of the Disinformation activities conducted in the last few years have been heard over Radio Moscow as well as other shortwave outlets. Over Radio Moscow has been heard such rumors as the fact that the US was responsible for the death of Panamanian leader Omar Torrijos, the US was behind the seizure of the grand mosque in Mecca, and that the Pakistani Army was responsible for the burning of the US Embassy in Islamabad. It is interesting to note these rumors surfaced when the US was involved in sensitive discussions with the nations involved. The use of Clandestine Radio Stations based in the Soviet Union but purportedly located in the country the Soviets wished to influence are excellent disinformation instruments. The best and latest example of this method is the national voice of Iran which consistently urged its listeners to oppose the release of any hostages and continuously reported on US plots to assassinate the Ayatollah and alleged other Iranian leaders of the time. Not so surprisingly, the national voice of Iran has not been too active in the past year. (From declassified US Army Intelligence via Delk, PA)

FRG-7 TO BE DISCONTINUED: The FROG 7 is being discontinued. Gilfer is clearing them out for \$275 FOB Park Ridge, New Jersey. Included is a MOD-KIT (4 kHz I.F., improved AGC, time and noise limiter mod.) packed with the set. (A \$40 value.) (Bob Flick, MO)

THE MALVINAS AFFAIR: For definitive treatment of the recent unpleasantness between Britain and the Argentine, see SPEEDXer Glenn Hauser's "Monitoring of the Falklands Crisis" in Popular Electronics, Sept. 1982, p. 94 (Dave Maxfield, MI)

HRO-500: Midcon Electronics in St. Louis has a HRO-500 Communications Receiver in their used equipment department. They are asking \$500 dollars. This set sold for about \$3000 a few years ago. Anyone interested can talk to them on their toll free number: 1-800-325-3609 (Bob Flick, MO)

GALAXY ELECTRONICS: This is the place for you if you are interested in scanners, CB radios, porta-phones, directories, and shortwave receivers. They carry Sony, Yaesu, Panasonic and Kenwood models. For a catalog

Robert A. Leary, Galaxy Electronics, Box 1202, 67 Eber Ave, Akron, OH 44309. Tell them SPEEDX sent you. (Direct)

KITS FOR SHORTWAVE: I recently received the 1982-83 RADIOKIT catalog, Box 411, Greenville N.H. 03048. This is a reliable mail order supplier of Radio Components and kits (Based on articles appearing in QST, 73 Magazine, Ham Radio, etc.). Of possible interest to SPEEDX members are the following two kits which use printed circuit boards for easier assembly. General Coverage With Drake R4A, B, C Receivers: Complete kit including parts, pc board and enclosure. From article in May 1981 QST. \$59.95. Mini Antenna Kit: A 12 inch high voltage probe antenna designed for 1.8 to 7 MHz use. The ad says the performance on 7 MHz is practically the same as a full size vertical; on the 3.5 and 1.8 MHz bands, signal strength with the Mini-Antenna is slightly less than when using a full-size antenna; but the signal to noise ratio is better. So you can actually hear more stations. Members interested in these kits or looking for a good radio component supplier should drop a letter to them at the above address. (Bob Flick, MO)

CALL SIGN LIST OF UTILITY STATIONS, 7th ed., 1982: This copyrighted work offered by Universal Electronics, Inc., is a 50-page booklet containing six chapters. Chapter I (32p.) briefly lists 3,000 stations alphabetically by callsign. Chap. II (5p.) tabulates station mnemonics and name abbreviations. Chap. III (1p.) is a table of allocation of international call sign series. Chap. IV (4p.) presents abbreviations for regional states in Australia, Canada, USA and USSR. Chap. V (4p.) lists country and area abbreviations. Chap. VI (5p.) summarizes 1982 ITU regulations related to identification of stations, explaining how call signs shall be composed, used, etc. In short, Chaps. I and VI form the heart of the book, while Chaps. II-V chiefly facilitate decoding of the excessively abbreviated entries appearing in Chap. I. (Why couldn't Chaps. II-V have been consolidated into one handy list?) The fact that no frequencies are given for any station will disappoint many potential users. However, lack of such frequencies certainly will slow down obsolescence of the work, so their absence perhaps may be justified. The cost prepaid, in USA is \$6.00, which some will think a bit steep for a mere 50 pages, especially since there are no frequency listings. To order your copy: address: Universal Electronics, Inc., 1280 Aida Drive, Reynoldsburg, Ohio, 43068.

HELICALLY WOUND VERTICAL ANTENNA: The Helically wound antenna has the virtue of being compact and is more frequency selective than most antennas. It resists man-made RF noise better than other antennas. It works best when used with a random wire antenna tuner, but does well without the tuner. Many times switching from a horizon-

tal to a vertical antenna or visa-versa will result in signal improvement. I built a helically wound antenna three years ago and its survived snow, ice and heavy windstorms. Mount this antenna as high on the side of the house and as close to the receiver as possible. Everything is a compromise. For 20¢ and a business size SASE, a diagram of this antenna will be sent to you. Send the money and SASE to Tips and Topics. (Bob Flick, MO)

CALLING STAMP COLLECTORS: Shortwave listeners and radio amateurs who are stamp collectors may join a new international club, which plans to issue a quarterly newsletter. Dues are \$5 or 15 IRC. Address: HAM-STAMPS, Box 210, 9401 Harstad, Norway. (Dave Maxfield, MI)

ADDENDUM ON THE KENWOOD R-600: Concerning the statement made in my June article on the R-600 that the radio is free of TV and FM interference, I omitted saying this observation was made using an antenna tuner in conjunction with a helically wound antenna. Without the antenna tuner, there is interference from the TV and FM stations in close proximity to my home. In the July issue of The Lowdown, Randy Tomer of Arcata, California, reports the following about the K-600. "After it arrived, I hooked it to a 60 foot antenna and the low frequency band was swamped with BC band signals and the broadcast band was full of birdies and spurious signals plus the QRM from its own digital display." My set experiences the same problem. He was more than pleased with the shortwave performance. (As myself). (Bob Flick, MO)

HAM DX COUNTRIES: Many purchasers of the useful "DX Edge" slide-rule device, which shows the gray line for all times and dates of the year, have been annoyed by the amateur radio country and region letter/number notations that are used instead of familiar country names. Some help in decoding these puzzles may be provided by the 5 page DX country list that appears in CQ Magazine (5/82, p.70). However, SWL/DX types accustomed to the relatively simple lists used by SPEEDX, NASWA, etc., will be amazed at the thinking of ham DXers, who still consider North and South Korea to be one country, while dividing some 300 other "countries" into no less than 5 classes, including some tiny islands, etc.! (To understand ham "country" philosophy and notation, send \$2.95 to CQ Magazine, 76 N. Broadway, Hicksville, NY 11801, for a 23" x 25" 2-color wall chart, which will live up anyone's dull shack.) (Dave Maxfield, MI)

CUBA JAMMING US RADIO STATIONS: The Cuban government is jamming five US HW stations according to various newspaper articles sent in. The FCC reports that American stations on 1040, 570, 670, 1160 and 1380 kHz are being jammed by Spanish broadcasts containing a mixture

of news and propaganda. The Cubans are playing tit-for-tat in retaliation of the proposed Radio Marti. There is nothing the FCC can do to prevent the Cuban QRM. But according to the House bill setting up R. Marti, compensation will be paid to those stations encountering Cuban interference. The Senate is yet to approve the bill which has already passed through the House. (Springfield, Ohio News-Sun, August 31, 1982 via Mike Schulsinger, OH; Birmingham News, August 31, 1982, by Donald McCants; Kansas Daily Union, September 3, 1982 via Phillip Bowers, KS)

APPLES FOR SWLS AND DXERS: SPEEDXers Dan Ferguson and Chris Hansen have been using computers for some time to compile SW reception details. Now anyone with a 48K Apple II can get into the act. Send \$15.00 to NASWAer Michael Barbard (70 Fawn Dr., Apt. 6, Fairfield, OH, 45014) for a program on a standard 5 1/4" Disk-II, or just \$5.00 for the list alone. (Dave Maxfield, MI)

INTERFERENCE FROM POWER LINES: DXing and shortwave listening can be a real pain in the rear with that bad power line interference. Believe me, most DXers and SWLs hate interference. You probably ask what can be done? Most DXers and SWLs don't know that there is some one to call. WHO? You should telephone your local power corp. But now, who do you ask for? There's about 4 or five different names, each power corp doesn't use the same name. Ask first if they have an interference dept, or the service dept., then try investigation dept, or the radio interference dept. Every power corp does have a dept. for checking into radio interference. They will come out to your house and trace it down for you. If it is from their own power lines, they are required to fix it. There's a lot of things that cause interference. However, most of the time it is their power lines. But sometimes it might be in a house close to you. For example, dimmer switches, fish tank heaters, etc. There are FCC rules on interference. It is illegal for the power lines to cause interference to radio or TV receivers. The power corp is required by FCC rules to clear up the power line interference. They can only help you with the power line interference. If the interference is coming from some other house, you'll have to talk to the party who has a device that is causing the interference. So now do something about your interference. Call the power corp. I call my power corp about 7 to 15 times per year. Get to know your power corp rep. who traces down your interference. Ask for him by name once you have established a relationship with him. Another suggestion is to record your interference and play it to him over the phone. The reason for recording it, is when you phone him, if the interference is off, you'll have a tape of it. (Bob Harrington, CO)

REAGAN LOWERS A BOOM: According to p.1 of the July/August issue of SPEEDXer Bob Groves'

Monitoring Times, the National Telecommunications and Information Agency will no longer supply US government frequency data, even facts hitherto available under the Freedom of Information Act. Thus compilation and revision of publications, such as O.P. Ferrell's Confidential Frequency List, (already reviewed in SPEEDX) and Bob's own Shortwave Frequency Directory and Federal Frequency Directory will be made markedly more difficult. (To order FFD or SWFD send \$10.95 or \$12.95, respectively, to Grove Enterprises, Inc., 140 Dog Branch Road, Brasstown, NC 28902) (Dave Maxfield, MI)

REAGAN LOWERS ANOTHER BOOM: According to John Santosuosso in Monitoring Times (July/Aug., p.9) the FCC has infiltrated several of the groups that publish pirate radio news, so that they now know where the most active stations are located. Thus the recent (third) busting of Voice of the Voyager is likely to be just the start of a serious time of troubles for the Jolly Rogers of American SW bands. (Dave Maxfield, MI)

24 HOUR CLOCKS: Moore Computer Supplies has a 12/24 hour clock for \$31.95 and a 24-hour one for \$33.95. For more information write to them at P.O. Box 20, Wheeling, IL 60090. (Via Mike Schulsinger, OH)

SPY NUMBERS STATIONS: SPEEDX's UTE column is praised as "one of the best around" by Monitoring Times (July/Aug, p. 14) in a fascinating long article on numbers spy stations by "Havana Moon." (Dave Maxfield, MI)

EDITOR'S COMMENT: As you noticed, this month has been rather sparse in terms of the supply of feature articles published. Thus, the extended Tidbits section. According to the latest SPEEDX survey, compiled by Chris Hansen, you all seem to want more technical articles. I agree completely. There should be more technical articles. We are at the edge of a great communications revolution. The use of computers and satellites will probably in the coming decades literally will bring all the worlds' information into our livingroom. And shortwave radio may very well be an integral part of this pending electronic-communications revolution. New developments in terms of equipment as well as receivers are happening at lightning speed. But we may never know about these developments. Why? Because 1300 people are saying, "Let Joe write the articles." The fact is that if you are going to rely on Joe, very little will be accomplished. Instead, all of you must become Joe and do the work. Not everyone has the ability to write an article. But out of 1300 people, I am certain that at least 50 can contribute on a regular basis. This is what I am asking for. I want regular contributors. People that can be relied upon. Your reward will be helping others to become informed and you will be respected. Thank you and have a nice October. 73's, *Arthur S. Hertz*

CONTRIBUTORS LIST:

OCTOBER 1982

Compiled by Mark Koukol

A hearty hello from your new editor! It is great to be back in SPEEDX again after a gap of several years; some of you may remember me from my old posts as assistant Utilities editor with Paul Mayo and as editor of Station Skeds. Contributors is currently in the process of being computerized, but until then I'll be looking forward to typing up hopefully longer and longer lists of active SPEEDX supporters each month. Remember that SPEEDX exists as a result of your regular support; the more members that contribute, the bigger and better your club will continue to become!

This month we had 138 contributors. Included are the lists from our CDE Peggy Thompson, and direct lists received by me as of 9/16/82 from all columns except Utilities and Africa; the last two will receive credit next month if they arrive later. Contributions which include those late from last month are marked with an asterisk. Remember, only SWBC/QSL/UTES/SKEDS are credited here; all other sections are credited directly by the membership chairman.

3	ADDISON, JOE	KS	R-600	2	HATFIELD, Richard	NY	?
1*	ANDREW, Jim	CA	DX-302	2	HENSLEY, Wayne	TX	RF-2600
1	AUDETTE, David	MA	DX-300	7	HESCH, Ruth	NY	R-1000
2	AVOGARO, Carlo	CA	GC-1A	3	HILL, Elaine	SC	FRG-7700
2	BARTSCH, Eric	MN	?	3*	HOSMER, Don	MI	RF-3100
3-	BELKE, Steve	MO	SX-190	3	HOWALING, Stan	NV	RF-2800
2	BEITER, Ted Jr.	PA	R-1000	2*	HOWARTH, Chet	WA	SPR-4
5	BERKHOLTZ, N.E.	MN	RF-2800	1	HUFFAKER, Carl	MEX	Homebrew
2*	BERRI, Jason E.	CA	RF-2900	3*	JONES, David	VA	5-151-1A
2	BLACK, Don	MA	IC-720A	2	JONES, Jack	MS	SPR-4
2	BURGESS, Ken	SK	FRG-7	2	KANON, Lee	NY	FRG-7700
3	CARLSON, Virgil	WA	SX-190	1	KAPINOS, John	MA	FRG-7
1	CASAVANT, Richard	PQ	DX-200	5	KERRIGAN, Pat	IL	R-1000
2*	CHINSKY, Mark	NY	RF-2600	1	KIVELL, Bob	NM	?
4	CHITUCK, Bruce	ITALY	DX-302	1	KLASEK, Terry	MO	R-1000
1	CLAYTOR, Dave	MI	R-1000	3	KOBYLSKI, Tony	MD	FRG-7
5	COLEMAN, Bob	MA	FRG-7	6	KRIST, Kraig	VA	FRG-7700
4	COX, Frank	LA	ICF-6800W	1	LAMBERT, J.J.	IL	FRG-7
1	CREAMER, John	CO	R-1000	2	LATKO, Jay	OH	DX-302
2	CUCURA, Vladimir	PA	R-7	1	LAZARUS, Henry	LA	SX-190
6*	DAMPIER, Philip	NY	FRG-7	4	LEDER, Alan	NJ	R-1000
4	D'ANGELO, Richard	PA	NC-190	2	LEEMAN, Joe	RI	FRG-7
1	DAVIDSON, Kevin	SC	DX-300	1	LEITE, Steve	MA	HQ-180A
3	DE KIEWIT, Rob	HOLLAND	FRG-7000	3	LENTZ, John	WI	RF-2600
7*	DEMMITT, John	PA	Homebrew	4*	LEONARD, Mike	ME	R-1000
4	DROLLINGER, Rick	WI	HQ-160	2	LEVIN, Jay	NJ	RF-2800
3	DUGUAY, Rick	MA	DX-300	1	LEVYA, James	MS	R-441-A
3	DUNCAN, Gregory	NC	?	1	LOBDELL, Chris	MA	FRG-7700
1	DUNHAM, W.	IL	?	5	LORD, Earle	CA	RF-2600
1	EVANS, James	TN	RF-2200	5*	MCCANTS, Don	AL	ICF-2001
1	EWING, David	IL	FRG-7	1*	MCCGIBBON, B.	OR	?
2	FAMULARO, Ralph	CA	RF-2800	2	MCKINNEY, L.	PA	RF-2800
2*	FLANNAGAN, J.R.	VA	?	4	MCLAIN, Lois	CA	SPR-4
4	FRASER, Robert	MA	XCR-30	4	MANNING, Sandra	NM	FRG-7700
1	GEORGE, Charles	TX	SSR-1	1	MARIN, James	FL	R-600
1	GEORGE, Joseph	FL	FRG7000	4	MILLER, Bill	CA	DX-300
4	GREENBAUER, Daniel	AZ	RF-2800	1	MOCKLER, Kelly	PQ	?
2	GRENIER, Pete	CA	FRG-7	6	MOORE, Mike	TX	DX-60
3	GRIJALVA, Gabriel	AZ	DX-302	4	MUNSTER, Ralf	GA	R7
10*	GRISHIN, Ivan	ON	?	1	MURFF, Nathan	NM	FRG-7
3	GROSVENOR, Norman	CA	FRG-7	1	NEWKIRK, David	WA	R-1000
5	HALBERT, Dan	CA	R-600	1	O'RIORDAN, H.	ID	SPR-4
8*	HAMER, Mike	MN	ICF-2001	2*	OAKLEY, M.	OR	FRG-7
4	HARRELL, Rich	IL	RF-2900	3	OLSON, Carl	MD	R-1000
5	HARVEY, Sheldon	PQ	DX-160	1	PAGANO, Frank	DC	Racal

4	PALMER, Bob	WA	R-1000	1	STEWART, David	OH	RKF-1551
5	PARKS, William	FL	HRO-60	1	STONE, Wilfred	ON	FRG-7000
4	PICARELLI, Tom	CA	FRG-7	1	STRANDBURG, Doug	WA	?
4*	PICKARD, Wilder	IL	R7/XCR-30	4	TANAKA, Masahiko	JP	R-1000
2	PIMBLETT, Nigel	AB	RF-2600	5	TATE, Harold	WV	Sears 412
4	PRESTON, Bill	CA	R-600	1	TAYLOR, John	MO	DX-160
2	RADTKE, Carl	CA	SPR-4	2*	TAYLOR, Lyle	AZ	FRG-7700
1	RAYMOND, Bob	MA	FRG-7	4	TEDFORD, Jim & Nan	MI	RF-2900
2	REESE, Orla	KS	?	4	THOMPSON, Glenn	NM	FRG-7
1	REINECKER, Bob	PA	NRD-515	6	THOMPSON, Peggy	CA	FRG-7
5	ROBICHAUD, Ivan	NB	R-1000	5	ULMER, Doug	LA	R-1000
4	ROSS, Robert	ON	DX-300	1	VALENTINE, Fred	CA	RF-4800
1	SABLE, Tom	CA	FR-6600JW	4	VAN HORN, Gayle	TX	RF-3100
4	SANDERSON, John	AZ	R-1000	4	VENCKUS, L.V.	IL	DX-302
1*	SCHLOSSMAN, M.	?	?	1	WALCUTT, David	NY	R7
4	SCHROEDER, Art	WI	DX-160	1	WALSH, Frank	MA	ICF-6800W
3	SCHULSINGER, M.	OH	FRG-7/R390	2	WARD, Henry	PQ	FRG-7000
3	SETNER, Allen	VA	AX-190	3	WELCH, Frank	MA	ICF-6800W
6*	SHARP, David	FL	DX-160/et.	4	WILCZEK, Bob	IL	?
5	SMITH, Tom	FL	XCR-30	5	WILKINS, John	CO	R-1000
3	SMITH, Traver	CA	NRD-505	2	WITTE, Marjorie	CA	FRG-7
1	SMOLINSKI, Chris	MD	R-1000	2*	YAJKO, Robert	PA	SPR-4
5	SPEER, Richard	CA	RF-2900	3*	ZILMER, Bob	NM	ICF-5900W
4	STEPHANY, Nolan	NY	R-392	5	ZOLLA, Rick	CA	FRG-7

Thanks to all! Now that the prime DX season is beginning, let's try to make next month's issue the biggest yet. If you're a DXer, let our editors know what you've been adding to your countries heard/verified lists; SWLer's, what new and different programs are you copying as the conditions improve? Enjoy the autumn weather--see you in November!

73s, mark

w0x9JKV/w89FKP

NO COLLECT CALLS! SELL \$\$\$ SEEK \$\$\$ SWAP NO COLLECT CALLS!

WANTED: Drake MS-4 speaker, matching speaker for Hammarlund HQ-180. Bob Lowe, P.O. Box 591, Kingsbury, CA 93631. Phone 209/897-7693 at 0200-0400 and 1300-1500 GMT. NO Collect calls.

WANTED: Collins mechanical filter F455J21. Write or call collect after 2100 UTC. John Williams, 3216 W. 85th St., Bloomington, MN. 612/831-2760.

WANTED: Autek QF1-A, M&M MSB-1, MFJ 725B or equivalent audio filter. Bob Coomler, 207 E. 45th Pl., Kennewick, WA 99336.

FOR SALE: Kenwood R-1000 new condition, works perfectly, w/manual. Will ship in orig. cartons @\$385. Lou Phillips, 512 Union Pl. Fremont, Ohio 43420. Phone 419/332-9758. NO collect calls.

FOR SALE: Yaesu FRG-7 Gilfer modified 3kHz filter, mint condition, w/manual, includes postage. @\$240. Steve Leite, 895 Bedford St., Fall River, MA 02723. Phone 617/675-2830. NO collect calls.

FOR SALE: RF-2800 w/AM antenna mod. @\$200. DX-300 that works (checked by 1st class tech) \$225. DX-160 good condition @\$90. NC-60 - a re-tubed classic @\$75. All units good, opr. cond. Also Zenith Transoceanic, good cond, re-tubed old classic w/good tone -- make an offer. Must sell, need money, will negotiate. Paul V. Zecchino, Maxson Hill Rd., Ashaway, RI 02804. Phone 401/596-5569 wk days or 401/377-2447 nites. NO collects.

FOR SALE: DX-200 excl. cond. only few mos. old. w/manual & orig. box @\$125 Eric Bartsch, 2261 N. County Line Rd., White Bear Lake, MN 55110. Phone 612/426-0770. NO collect calls.

FOR SALE: Mc Dymek D.P.40 preselector @\$95. Panasonic RF-085, 5-band port. @\$45. JVC-6600 best offer. Ship prepaid. Joe Coleman, 157 Walton Pl. Lansdowne, PA 19050. NO phone calls.

FOR SALE: Zenith Transoceanic, MW to 16 meters, near mint, \$90. White Metal Detector, Coinmaster 1-D, \$50. Heathkit GR-64 Receiver, \$25. Phone Mate 300 Telephone Answerer, \$55. Bearcat 210 Scanner, \$200. Terry Lindley, Route 15 Box 1098, Birmingham, AL 35224 or ph. (205) 787-1034 after 0100GMT.

