



January 12, 2002 - Volume 39, Number 17 - Edition 1239 - ISSN 899-9733

### Publisher's Note

We're finishing up the Newfoundland DXpedition report, and please note that the WRNI test will be held a day earlier. The KTNS test did not go on the day originally scheduled, it was apparently held 0300 ET January 8 (I didn't hear it). --RT

### DX Tests

Please remember, what's listed as being on, say, Monday \*may\* be what you think of as Sunday night! Even if you don't hear a test, be sure and drop a card, letter, or e-mail to the station personnel, thanking them for going to the trouble to run a test!

**Saturday, January 12, 2002 - WRCS-970, Ahoskie, NC** will conduct a DX test from 12:00-1:00am EST. WRCS will broadcast at a power of 1000 watts nondirectional. Tones and CW IDs identifying WRCS will be played. If any music is played, it will be gospel music with spoken liners between songs. But the test will consist mostly of CW IDs.

Reception reports (with return postage) may be sent to:

Bob Carter  
Chief Engineer,  
WRCS-AM  
443 Hwy 42 W Ahoskie NC 27910

E-Mail: [wrcs970am@yahoo.com](mailto:wrcs970am@yahoo.com)  
WWW: <http://www.geocities.com/wrcs970am>  
(Arranged by Lynn Hollerman for the IRCA CPC.)

**Sunday, January 20, 2002** - changed from Monday, January 21 - WRNI-1290, Providence, RI will conduct a DX test from 12:00-1:00am EST. Morse code IDs will be broadcast. The station's regular format is news/talk. WRNI will be operating at 10 kW, directional. Reception reports (with return postage) may be sent to:

Steve Callahan  
Chief Engineer  
WRNI-AM  
P.O. Box 329  
Middleboro, MA 02346

(Arranged by Lynn Hollerman for the IRCA CPC.)



Also, if you hear a test, PLEASE, PLEASE let me know, via either e-mail or in rec.radio.shortwave! And if you send a reception report to a station, please remember to include return postage with your report...—Lynn Hollerman ([ircamember@geocities.com](mailto:ircamember@geocities.com))

### Web Sites for AM DX Stuff

Radio Locator, formerly the MIT List of Radio Stations on the Internet, contains more than just links to stations or their audio feeds; the site also provides technical info on the station and their "predicted" patterns, with contours for local, distant and fringe reception. This site is found at <http://www.radio-locator.com/cgi-bin/home>.

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## 2002 IRCA Convention Bids

Anyone interested in hosting the 2002 IRCA convention, please contact IRCA President Lee Freshwater, 414 SE 3rd St, Ocala FL 34471. E-mail: [ENGWTRS@aol.com](mailto:ENGWTRS@aol.com).

## Editors Needed

The DX Worldwide – EAST and Sports Information columns need editors. If you would like to participate in YOUR club, contact Lee Freshwater at [engwtrs@aol.com](mailto:engwtrs@aol.com)

### BROADCASTING INFORMATION

*Lee J. Freshwater – 414 SE 3rd St. – Ocala, FL 34471*

E-mail: [ENGWTRS@aol.com](mailto:ENGWTRS@aol.com)

#### CALL CHANGES

	OLD CALL	NEW
540	KYAA- CARMEL VALLEY, CA	KSRK
700	KSES – SOLEDAD, CA	KMBX
1200	KSRK- SOQUEL, CA	KYAA
1360	KTOF- CEDAR RAPIDS, IA	KMJM
1400	WDLL- FORT PAYNE, AL	WPPA

#### FORMAT CHANGES

FREQ.	CALL – CITY	NEW INFO
870	WMTW- GORHAM, ME	NEWS // FM
980	CKRM- REGINA, SK	MOVES TO 620 KHZ
	WPRE- PRAIRIE de CHIE, WI	OLDIES
990	WNTY- SOUTHLINGTON, CT	BROKERED VARIETY
1130	WQIS- CAMDEN, SC	ADLT STNDS
1140	WKWM- KENTWOOD, MI	ADLT STNDS
1240	WGSM- HUNTINGTON, NY	KOREAN
1260	KTTF- SPRINGFIELD, MO	NEWS/TALK
1300	CJME- REGINA, SK	MOVES TO 980 KHZ
1400	WPPA- FORT PAYNE, AL	OLDIES-FULLSERVICE
1450	WSTU- STUART, FL	TALK
1470	WLAM- LEWISTON, ME	NEWS // WMTW
	WWBG- GREENSBORO, NC	BROKERED SPANISH
1650	WHKT- PORTSMOUTH, VA	RADIO DISNEY

Send your Info to me at : [ENGWTRS@AOL.COM](mailto:ENGWTRS@AOL.COM) .....73's to you all  
 ..... fresh 1/06/02 1000

### An Introduction to Broadcast Band DXing

This tri-folded brochure is ideal for explaining the Broadcast Band DXing hobby and the IRCA. It can be included with reception reports and given to other interested folks. Sub topics include: What is DXing?, Broadcasting's early years, The first DXers, Clubs helped listeners share, Our hobby today and DX clubs still unite listeners. It is two color printed on heavy stock. Price is \$0.35/brochure (US and Canada), \$1.00 (rest of the world). Minimum order is 10.

### IRCA Stationery

Black/red masthead with the IRCA logo and name. Great for using when writing for verifications. 100 sheets, \$5.00 (US and Canada), \$7.50 (rest of the world).

To order, send the correct amount (in US funds payable to **Phil Bytheway**) to:

**IRCA BOOKSTORE, 9705 MARY NW, SEATTLE WA 98117-2334**

## WESTERN DX ROUNDUP

Editor: Nancy Johnson -265 Waterton Way- Billings, MT 59102-7755

E-mail: NancyJohnson@prodigy.net

WDXR DEADLINES: Each Friday. Please use Eastern Time.

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### REPORTERS FOR THIS ISSUE:

- (BB) Bruce Bacon-Boise County, ID bwbacon@mindspring.com  
Kenwood R-2000, 250 SW long wire, Sanserino amplified loop
- (GJ) Gary Jackson-7735 Center Parkway-Sacramento, CA 95823
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1026 phaser
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- (JW) John Wilikins-Wheat Ridge, CO peakbagger@juno.com  
Drake R-8, 4' loop
- 

### OF SPECIAL INTEREST

- 590 KQNT WA, Spokane 1/3 1714 heard with new newstalk format with Dr. Laura and ID's during each break as "Stay tuned for more Dr. Laura on Newstalk 590, KQNT." Fair signal days, some KUGN QRM. Ex-KAQQ. (PM-OR)
- 870 KAIM HI, Honolulu 1/1 listening to last half hour of EZ/Pop Christian music from 0430-0459:30. At about 0450 PD came on giving info on the history of KAIM thanking listeners & supporters of KAIM through the years. Closing Christian song. At 0459 "This is KAIM Honolulu signing off the air." I first heard KAIM back in 1965. End of an era. (PM-OR)
- 1350 KGHF CO, Pueblo 1/1 0720 noted relaying KCSJ-590, with ID's for the latter ("Newstalk 590 KCSJ") and "Coast to Coast AM" running at this time. Likewise on 1/2 (forgot to note time). Presume this is just temporary, maybe a change impending. (JW-CO)
- 
- 540 KNAK UT, Delta 1/3 0300 good sigs with legal ID at the top of hour. Listed as 13 watts. Holding its own with CBK, unID classical music station, and unID Mexican in Tijuana (caught location, but not the call). BTW, Phil - the check's in the mail for the new 7th edition IRCA Mexican Log! (BB-ID)
- 550 KOY AZ, Phoenix 1/3 0345 with "The News You Want - Now." (BB-ID)  
KUZZ CA, Bakersfield 1/3 0340 C&W music followed by a dense fog advisory. (BB-ID)
- KOAC OR, Corvallis 1/3 0400 with NPR news on the hour. (BB-ID)
- 580 CKUA AB, Edmonton 12/21 0900 guy with Alberta news on the "CKUA Radio Network." Fair in QRM; semi-rare here. (JW-CO)
- 600 CKBD BC, Vancouver 12/30 0413 ID with oldies, ID'd as "Unforgettable 600 AM." (BB-ID)
- 650 KMTI UT, Manti 12/30 switching top honours with KSTE. ID as "Country 650, KMTI" at 0418. (BB-ID)
- 670 KLTT CO, Commerce City 1/4 1029 in over KBOI with local spot, then "The nation's most powerful Christian station, the Mighty 6-70 KLT." Not needed, but never heard this well. With Colorado in MST, that makes it 8:29am local time at transmitter. (RT-CA)
- 780 WBBM IL, Chicago 1/3 0325 nice to hear this powerhouse announcing "Newsradio 780" in the KKO null. (BB-ID)

- 790 KSPD ID, Boise 1/1 2059 ID as "Treasure Valley's...Family Radio all day long, KSPD 790 Boise," then spot a for a jewelry store, then into "Israel News." Fair, generally under KGHL. Listed as a daytimer. (JW-CO)
- 830 CKKY AB, Wainwright 12/30 C&W format with ID as "Key Country, Key 83" at 0438. (BB-ID)
- 900 CKBI SK, Prince Albert 1/1 0842 C&W tunes, ID as "Country 900 CKBI." Listed as OLD/AC. Fair with KPOF-910 slop. (JW-CO)
- 970 KBUL MT, Billings 1/1 1945 Michael Reagan show, ID as "Newsradio 970 KBUL," legal ID at 2000. Listed as C&W. (JW-CO) (They changed to talk on 9/10/01.--NJ)
- 980 CJME SK, Regina 1/1 1700 good with repeated message "980 CJME News talk Radio is coming soon." Good daytime conditions. (PM-OR)
- 1000 KOMO WA, Seattle 1/1 0709 PSA for Disabled American Vets; ID as "This has been a Public Service Announcement from Fisher Broadcasting and Como AM 1000" and back to talk program, a local show, I think. Pretty decent signal with minimal QRM. (JW-CO)
- 1030 WCTS MN, Maplewood 12/31 0969 REL comments, ID at 1000:05 "WCTS Maplewood-Minneapolis-St. Paul," then into another REL program. Poor in QRM in the null of KTWO. (JW-CO)
- 1350 KSRO CA, Santa Rosa 12/11 2205 ID "Newstalk 1350 KSRO." (MS-CA)
- 1370 KPCO CA, Quincy 12/29 1019 faded up over jumble with song "Shootout at the OK Corral," then something mumbled, then KPCO ID, into Elvis "Are You Lonesome tonight." Heard again at 1018 the next morning with "Your greatest hits on Stereo KPCO." New! This was, along with KRAN-1580 my closest unheards! (RT-CA)
- 1450 KTIP CA, Porterville 12/24 0330 rising above mess with "1450 k-Tip" ID. Verified this one back in 1999. (MS-CA)
- 1490 KYCA AZ, Prescott 12/13 0837 time check 6:37, weather for Prescott area, dominant. (MS-CA)
- KTOB CA, Petaluma 12/31 despite notices in various DX publication, this station is not silent; heard with Reg Mex format, "La Vaquera 14-90," many mentions of Santa Rosa. KTOB calls heard at top of the hour. Weaker than before; have they changed their facilities? (RT-CA)
- 1560 WSQR IL, Sycamore 12/30 heard through KNZR's open carrier tonight at 0615 with NOS format and ID "Northern Seminole University known as the ... We've got music that is unforgettable WSQR." Listed as 18 watts at night. New. (PM-OR)
- 1610WNFK966 CA, CalTrans transmission, "East bound highway 58 between Interstate 5 and Highway 99 is subject to congestion Monday through Friday. Motorists are advised to use alternate routes, Highway 223 & 119 should be used. (GJ-CA)
- 1620 KBLI ID, Blackfoot and KSMH (ID'd as west Sacto) with legal ID's at top of hour 0300 1/3. (BB-ID)
- KAZP NE, Bellevue 12/22 0615 in with ESPN sports, no sign of KSMH Sacramento, CA (GJ-CA)
- 1630 KKWY WY, Fox Farm 12/22 in with Christmas music and ID at 0730. (GJ-CA)  
 +12/26 0353 logged at huge level with classic country music. Legal ID on hour "Thanks for listening to the Spirit of Wyoming, KKWY Fox Farm-Cheyenne," AP Network news. Station jingles sound like they come from Thompson in Dallas. Slogan K-W-Y. (MS-CA)  
 +1/3 0305 in the clear with weather, ID's as KWY-AM 1630. (BB-ID)
- 1640 KBJA UT, Sandy 12/22 ID and into Spanish at 0600. (GJ-CA)
- 1650 KBJD CO, Denver 12/22 0615 with Christmas music behind KGXL. (GJ-CA)
- 1660 KXOL UT, Brigham City 1/3 0313 loud and clear with oldies, unID sports talker underneath. (BB-ID)
- 1670 KNRO CA, Redding 12/26 0300 promos for ESPN Radio 10th Anniversary Show. ID "Redding's ESPN Radio 1670 KNRO." Spot for reddinghouseholder.com. (MS-CA)

- 1690 KDDZ CO, Arvada 12/22 with Radio Disney at 0740, no sign of KSXX Roseville, CA. (GJ-CA)
- 1700 WEUV AL, Huntsville 1/3 0319 "This has been a public service message from WEUV." Way down there, but copyable. Taped. Immediately followed by unID. (BB-CO)
- TIS/HAR CA, Burbank Airport in strong all night, at 0750 12/22 with parking instructions. (GJ-CA)

#### UNIDS

- 1610 Help! Three hours on 1610 last night 0500-0830, unID TIS/HAR very weak. Inaudible on tape, so weak. Heard woman saying broadcasting on 1610 kHz and faded, no ID. Then male came in with "35 degrees" and faded. Heard temperatures given several times but in 3 hours no location given. First HAR on 1610 all week. Hope someone heard a similar format or broadcast. Help. (GJ-CA)
- 1610 1/3 0230 unID TIS tape loop, barely audible, with man & woman speaking, heard mention of Highway 140 and I-209???, and phone number. California TIS? Any ideas? (BB-ID)
- 1700 1/3 0320 "Remember, you're listening to The Point Radio, 1310." Obviously // a 1310 station, but no "The Point" listed for 1310 in my book. Any ideas? (BB-ID)

Welcome to WDXR, Bruce. It's great to now have two reporters from Idaho. Before we know it the annual Anniversary Issue will be here. This year the deadline for that special issue will be Friday March 8. When you send a WDXR report, please include a first and a last name on your report. This week someone sent a report with only a first name. The return address was not one of any of my reporters, so I don't know who sent the report to WDXR. As a result, the report will not be included in the column. Nancy 1/4 2100

### CENTRAL DX ROUNDUP

*Editor: John C. Johnson*

E-mail: [John\\_Johnson@prodigy.net](mailto:John_Johnson@prodigy.net) CDXR reports ONLY: [cdxr@prodigy.net](mailto:cdxr@prodigy.net)

#### RIDING GAIN

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 Icom IC-R75, Kiwa loop, GE Superadio III, Terk AM 1000 loop.

DOWN THE DIAL

- 540 WRRD WI, Jackson. 12-26 good, splash from KTRS-550. 05:44 noted with local spot, "The Word AM 5-40" slogan into talk. EX-WYLO. [EB-MO]
- 590 KOMJ NE, Omaha. 1-4 strong over KQNT, no sign of KSUB. 21:00 with "5-90 KOMJ Omaha, Council Bluffs" ID into ABC News. [NJ-MT]
- KQNT WA, Spokane. 1-4 poor through a strong KOMJ, no KSUB. 22:00 heard call letters. EX-KAQQ. [NJ-MT]
- WJMS MI, Ironwood. 12-29 fair, alone. 17:43 with jingle, country song. This is rare here. [JJR-WI]
- 600 KSJB ND, Jamestown. 12-30 poor. 07:30 with full ID finally after 14 minutes of weather, spots, and country music. A real treat! [JJR-WI]
- 610 KDAL MN, Duluth. 12-29 fair. 17:36 with station promo into a Beach Boys oldie. Seldom heard here. [JJR-WI]
- 650 WNMT MN, Nashwauk. 12-26 good to fair, over WSM. 05:56 with Art Bell, community calendar for Hibbing area, local spot, "News talk AM 6-50" slogan, legal ID into ABC News. [EB-MO]
- 660 KSKY TX, Balch Springs. 1-1 poor in WFAN null, WSCR slop. 18:22 with "6-60 K-sky" and local countdown show. [JJR-WI]
- 680 WZNK MI, Dearborn Heights. 12-29 poor, very muddy audio. 19:00 with religious program, ID and "AM 68" slogan into more religious. NEW! [JJR-WI]
- 710 WTPR TN, Paris. 12-31 poor. 07:40 with jingle out of news. Oldies. [JJR-WI]
- 820 WMGG FL, Largo. 12-30 very good, dominating. 07:16 with "La Mega Musica" jingle, SS format. [JJR-WI]
- 830 KPLS CA, Orange. 12-20 well over WCCO on the west wire. 04:21 with "...is on the air on Hot Talk Weekend on KPLS." 04:28 legal ID as "KPLS Orange. Radio on the right." New! [FM-IL]
- 850 WKNR OH, Cleveland. 1-4 good in KOA null. 07:19 noted with local traffic report and news headlines. WKNR calls were on 1220. [EB-MO]
- 910 WJCW TN, Johnson City. 12-31 poor with others. 07:39 with calls. [JJR-WI]
- 970 KHVN TX, Fort Worth. 1-1 poor, alone. 18:56 with "Heaven 70 - KHVN" out of urban Gospel song. [JJR-WI]
- WDAY ND, Fargo. 12-29 very good. 18:36 with NDSU Ladies Basketball PBP "...on 9-70 WDAY." Never in this well. [JJR-WI]
- WWIT NC, Canton. 12-30 fair, steady. 05:38 with "Oldies 97 WWIT" ID. Reverted to old calls and format. [JJR-WI]
- 1100 WCGA GA, Woodbine. 12-30 poor, way down with WTAM nulled. 07:07 with "News, Talk ... WCGA." Calls very pronounced. [JJR-WI]
- 1110 WBCA AL, Bay Minette. 1-4 good to fair with KMOX-1120 splash. 05:55 noted with R&B Oldies format. "The station that parties 24-7, WBCA Bay Minette, Mobile" into ABC News. This station is listed as a 10kW daytimer, first time heard since Hurricane Elena in 1985. [EB-MO]
- 1120 WKCE TN, Maryville. 12-30 poor, clear, steady in KMOX null. 07:00 with legal ID into AP News. NOS/MYL format. This is my first new 1120 station in 14 years! [JJR-WI]
- 1140 KSOO SD, Sioux Falls. 12-29 poor, WRVA nulled. 18:19 with "11-4-Oh KSOO" into talk programming. [JJR-WI]
- KYOK TX, Conroe. 12-24 strong in most poor SSS conditions on south wire. 18:24 with Church calendar with Houston mentions. Black Gospel. [FM-IL]
- 1190 KPHN MO, Kansas City. 1-31 fair, WOWO nulled. 08:56 with "Business Radio 11-90 KPHN" in Imus break. [JJR-WI]
- 1280 WODT LA, New Orleans. 1-4 good to fair over WGBF. 05:00 noted with "Home of the blues" slogan. Legal ID into R&B Oldies format. [EB-MO]
- 1290 KWFS TX, Wichita Falls. 1-4 fair to poor with WWFS, KKAR, others. 06:57 noted with Texas State Network News, state spots, legal ID at 07:00 into ABC News. This is my TX#40. [EB-MO]
- 1300 WKXM AL, Winfield. 12-26 fair with WOAD, WOOD. 04:50 with local spots, calls, country music. [EB-MO]

- 1310 CIWW ON, Ottawa. 1-4 good to fair with WIBA, WDOD. 05:03 with Oldies format. "Oldies 13-10" slogan. Live DX mentioned Ottawa. [EB-MO]
- 1320 KYHN AR, Fort Smith. 1-1 poor over others. 18:05 with ABC News, spot, "News talk 16-50 KWHN." [JJR-WI]
- 1370 WLTC NC, Gastonia. 12-30 poor, alone. 06:38 with "...on 13-70, 14-90 AM Rejoice Radio." Urban Gospel format. My first new one on 1370 in 16 years! NEW! [JJR-WI]
- 1390 WMER MS, Meridian. 12-26 fair with WTJS. 05:30 noted with "Music the whole family can listen to, Solid Gospel 13-90 WMER" into SRN southern Gospel // to KSLG. [EB-MO]
- 1400 WMAN OH, Mansfield. 12-26. 18:11 with Paul Harvey "Rest Of Story" feature, local spot, Art Bell promo and ID. [KDF-IL]
- 1410 WRMN IL, Elgin. 12-30 poor, alone. 06:05 with calls. Never hear at night. [JJR-WI]
- 1440 KTNO TX, Denton. 12-30 fair over others. 19:00 with EE legal ID, SS programming. [JJR-WI]  
+1-3 fair with others. 05:09 noted with Christian teaching program in SS. Last heard these calls in 1993 on 1540. [EB-MO]
- WJLL NY, Niagara Falls. 12-31 fair with WGEM, KTNO, others. Splash from WRTH-1430. 04:46 noted with local spots, mention of western NY. Oldies format. [EB-MO]
- WMAX MI, Bay City. 12-27 fair to good. 22:00 with promo, legal ID, and holiday greetings during Catholic / EWTN format. [TN-WI]
- 1570 WGSR FL, Fernandina Beach. 12-31 poor. 17:55 with call ID, announcer saying "We will be leaving some of you soon..." (power cut). Urban. [JJR-WI]
- WPTW OH, Piqua. 1-1 poor. 06:06 heard calls buried in mess. [JJR-WI]
- WRJQ WI, Appleton. 12-31 fair. 07:56 with "WRJQ Morning Show." Polka music. Station is supposed to change to WSCO soon. [JJR-WI]
- 1580 WTCL FL, Chattahoochee. 12-31 poor. 17:57 with station promo, spots, calls. [JJR-WI]
- 1650 ..... 12-30. 16:40 heard new TIS with Chicago Expressway traffic. Not heard yet from home, but strong signals on Lake Shore Drive and about two miles inland. I believe the transmitter is in or near the Loop. [KDF-IL]
- 1680 KRJO LA, Monroe. 1-4 good over WJNZ. 07:30 noted with "Magic 97" slogan. (This matches KLMB 97.3 Bastrop, LA). Urban Gospel music. [EB-MO]

#### UNIDs

- 1010 unID 12-31 unID fair, looped south. 07:22 with "Real Country" slogan, no ID. Any ideas on this one? [JJR-WI]
- 1190 unID 12-31 unID fair, steady, looped south. No WOWO. 07:21 with an Aretha Franklin CD being tracked. After 3 songs and no ID I quit. [JJR-WI]
- 1210 unID 12-31 fair, looped south. 08:11 with live jock, TC, and mentions of WTIX 690, K?? Of Baton Rouge, and 13-10 ESPN and Sports Gumbo. [JJR-WI]
- 1360 unID 12-30 unID poor in WGEE null looping NE. "The Music Of Your Life on W-O-O-?." Last letter was a V, P, or E sounding letter. I'm stumped. Any ideas? [JJR-WI]

#### 25 YEARS AGO

January 15, 1977 issue of IRCA's "DX Monitor" ... Jef Jaisun of Kirkland, WA was compiling a list of all flagship stations for all sports networks ... Bob Rice of Ballston Spa, NY added state number 27, MS with WCPC ... Mike Mitock of Lorain, OH said he was 28 and employed at the National Gypsum Company ... Ralph Kemper of Grand Junction, CO told about KREX's 50th anniversary ... Bill Harang of San Jose, CA talked about the FCC.

#### OPEN MIKE

Nice turnout this week! Don't forget the Anniversary Issue will be coming soon. CDXR deadline for this special issue is March 8th. This column was typed 1-5-02. 73, John

## EASTERN DX ROUNDUP

Editor: Lee J. Freshwater - 414 SE 3rd St. - Ocala, FL 34471

E-mail: ENGWTRS@aol.com

Deadlines are : 8 AM SUNDAYS

(LF-FL)	your editor	<b>STARS OF THE WEEK</b>	Drake R-8a , KIWA Loop, 100' N/S longwire
(KVJ-GA)	Karl V. Jeter		1890 Abinger Lane Lawrenceville, GA 30043
			HQ-150, 12-655 TRF , Quantum, Loop, KIWA Loop

### LOGGINGS

730	TN	WLIL	Lenior City 1/5 1845 Fair with "Clear Channel ID" and contest disclaimer promo. (LF-FL)
810	GA	WTHV	Hahira 12/31 1818-1840 "Your Home for Solid Gospel"; S. GspI mx; ID "810 AM, WTHV" many local ads (KVJ-GA)
	IL	WDDD	Johnson City 12/31 1830 ID "Fox Sports Radio 810 WDDD-Johnson City-Marion" Promo for Bulls BB, and ads for Carbondale business. (KVJ-GA)
	MO	WHB	Kansas City 12/31 1800 "Between the Lines" talk show, ID as "SportsRadio 810, WHB", ads for KC Comets indoor Soccer, and "Oklahoma Joe's BBQ" (KVJ-GA)
830	NC	WTRU	Kernersville 1/1 1611-1704 "Truth Talk Live" religiou talk; ID "WTRU-Kernersville-Greensboro-High Point- Winston-Salem-USA" SRN News (KVJ-GA)
	OH	WKTZ	Cortland 12/30 1745 weak sign off, assume this had French Language before sign off. (KVJ-GA)
860	AL	WAMI	Opp 12/31 2210 C&W mx, lots of singing jingles, local ads, into local news at 2227. Presumed on day power. New (LF-FL)
890	VA	WKVQ	Fairlawn 12/31 0736-0800 "Joy AM", S. GSPL mx; "SW Virginia's Best Gospel Connection" (KVJ-GA)
910	TN	WJCW	Johnson City 1/1 1910 In strong with Fiesta Bowl; ID at break. (LF-FL)
1420	FL	WJBW	Delray Beach 1/3 16488-1710 "Juke Box Radio"; NOS type mx; dual ID "AM-1420 and AM-1000" (stn on Jupiter FL) (KVJ-GA)
1520	FL	WHIM	Apopka 1/4 0720 "Christain Heritage Radio"; promo for Charles Stanley progam (KVJ-GA)
	GA	WKVQ	Eatonton 1/5 1717 Noted with NOS type format and dual ID as "WLRR-Milledgeville(?) -WKVQ- Eatonton" Not sure which Milledgeville stn was mentioned-must be a call change. (KVJ-GA) (I still show WKGQ-1060 and WMVG-1450-ed)
	NC	WGMA	Spindale 1/5 0730 sign on starting with Gospel music, mentioning 500 watts, lost quickly in jumble (KVJ-GA)
1540	TN	WBRY	Woodbury 1/5 1731 Fair w/ obituary program F. Annrc (KVJ-GA)
1550	KY	WIRV	Irvine 12/28 0352 Noted tripple ID - "tri cities network...1340 WEKY Richmond, 1550-WIRV-Irvine, 1500-WKXO-Berea. (KVJ-GA)
1700	TX	KTBK	Sherman 0040-0107 "Sports Saturday Re-cap Show", Sporting News Radio ID "13-K AM, this is KTCX-Dallas-Ft. Worth, 1700 KTBK- Sherman-Dallas, and now on 104.1 KTDK, Sanger. (KVJ-GA)

-----  
Nice to have Karl back with us this week and yes, I did have the radio on this week !!!!.... 73  
.....fresh.....1/6 0800 .....



## DX WORLDWIDE – EAST

*Temp. Editor: Phil Bytheway – 9705 Mary NW – Seattle, WA 98117-2334*

E-mail: phil-bytheway@teknologic.net

Deadlines are Mondays. ALL TIMES IN UTC.

### \*\*\* TRANSATLANTIC DX \*\*\*

- 567 IRELAND RTE R.1, Tullamore, JAN 3 0525 - English discussion program; fair.  
[Connelly-MA]
- 756 GERMANY DeutschlandRadio, Braunschweig & Ravensburg, JAN 5 0439 &#8211;  
light pop music, German talk; poor. [Connelly-MA]
- 765 SWITZERLAND RSR, Sottens, JAN 3 0521 - man in French; fair. [Connelly-MA]
- 774 SPAIN RNE R.1 synchros, JAN 5 0013 - // 855 with classical music; fair. [Connelly-  
MA]
- 783 MAURITANIA R. Mauritanie, Nouakchott, JAN 3 2313 - // 4845 with Arabic public  
speech; to fair peak over CFDR splash. [Connelly-MA]
- 837 CANARY ISLANDS // SPAIN COPE synchros, JAN 5 0015 &#8211; Spanish teletalk;  
slightly over apparent Azores/France mix. [Connelly-MA]
- 855 SPAIN RNE R.1 synchros, JAN 5 0013 - // 774 with classical music, woman in  
Spanish; fair to good with local WEEI phased. [Connelly-MA]
- 864 FRANCE France Bleu, Paris, JAN 3 2104 &#8211; French talk; poor. [Connelly-MA]  
+ JAN 5 0432 - // 1206 with old-fashioned (Charles Aznavour style) French ballad;  
good. [Connelly-MA]
- 873 SPAIN SER synchros, JAN 5 0421 - // 1116 with Spanish teletalk; fair.  
[Connelly-MA]
- 891 ALGERIA Chaîne 1, Algiers, JAN 5 0019 &#8211; man in Arabic; fair. [Connelly-MA]
- 909 UNITED KINGDOM BBC R.5 synchros, JAN 3 2103 &#8211; news in English by  
woman; poor to fair through WABI slop. [Connelly-MA]
- 945 FRANCE Le Mouv, Toulouse, JAN 5 0020 &#8211; club-style dance / techno music,  
then woman in French; fair. [Connelly-MA]
- 999 SPAIN COPE, Madrid, JAN 3 0022 &#8211; Spanish newstalk by man; good during a  
momentary let-up in CKBW slop. [Connelly-MA]
- 1053 UNITED KINGDOM TalkSport synchros, JAN 3 0512 - talk // 1089 but not as strong.  
[Connelly-MA]
- 1062 DENMARK Danmarks R., Kalundborg, JAN 3 0511 - recent US R&B vocal; excellent.  
[Connelly-MA]
- 1071 SPAIN Euskadi Irratia, Bilbao, JAN 5 0023 &#8211; bits of Spanish talk; in CBA slop.  
[Connelly-MA]
- 1089 UNITED KINGDOM TalkSport synchros, JAN 3 0510 - talk about converting to 'euro'  
currency; excellent. [Connelly-MA]
- 1098 SLOVAKIA R. Slovensko, Velke Zaluzie, JAN 3 0509 - Balkan style folk group vocal;  
good. [Connelly-MA]
- 1116 SPAIN SER synchros, JAN 5 0421 - // 873 with Spanish teletalk; fair. [Connelly-MA]
- 1125 CROATIA Hrvatski R., Deanovec, JAN 3 2337 &#8211; smooth jazz; to fair peak,  
about 12 dB weaker than the // 1134 powerhouse. [Connelly-MA]
- 1134 CROATIA Hrvatski R., Zadar, JAN 3 0506 - Slavic-language news by man; fair to  
good. [Connelly-MA]  
+ JAN 3 2107 &#8211; woman with Slavic-talk telephone interview; huge, actually  
stronger than WBBR-1130. [Connelly-MA]
- 1179 SWEDEN (t) R. Sweden, Solvesborg, JAN 3 0537 - sounded like woman in Swedish;  
poor. [Connelly-MA]
- 1188 HUNGARY RFE, Marcali, JAN 3 2100 &#8211; Slavic talk, time pips, chime-style  
interval signal; through WLIB slop. [Connelly-MA]
- 1206 FRANCE France Bleu, Bordeaux, JAN 3 0602 - French news; fair. [Connelly-MA]

- + JAN 3 2112 &#8211; French vocal having a Greek or Balkan influence; good.  
[Connelly-MA]
- 1215 UNITED KINGDOM Virgin R. synchros, JAN 3 0540 - "You're in My Heart" by Rod Stewart, then DJ talk; good. [Connelly-MA]
- 1287 CZECH REPUBLIC (t) R. Free Europe synchros, JAN 3 2113 &#8211; Slavic-sounding talk; in slop. [Connelly-MA]
- 1314 NORWAY NRK, Kvitsoy, JAN 3 0550 - still on air at this date: Norwegian talk, piano music; to good peak through CIWW-1310 / CKEC-1320 slop. [Connelly-MA]  
+ JAN 3 0600 - electronic tones, then news. [Connelly-MA]
- 1377 FRANCE (t) France Bleu, Lille, JAN 3 2112 &#8211; likely this with strong carrier but very weak audio (seemed to be French vocal // 1206). [Connelly-MA]
- 1467 FRANCE TWR, Roumoules, JAN 3 0450 - choral hymn, then man in German; fair. [Connelly-MA]
- 1521 SAUDI ARABIA BSKSA, Duba, JAN 3 2053 - // 9870 & 9555 with orchestral music, then reverberated Arabic talk by man; fair S7 to S8, fading up. At this time it would have easily exceeded S9 +20 at shore sites about 30 km from here. [Connelly-MA]

\*\*\* PAN-AMERICAN \*\*\*

- 567.9 CENTRAL AMERICA - JAN 1 1129-1139 Spanish speaking station with man and woman shouting rapidly and excitedly. Heavy 570 kHz splatter. Have been hearing this station since July but this is first time with readable audio. No clues as to identity, however. Direction finding indicates most likely Costa Rica. [Moore-FL]
- 1375.02 ST. PIERRE ET MIQUELON RFO, St. Pierre, JAN 3 2057 - "Desert Rose" by Sting; good. [Connelly-MA]

\*\*\* TRANS-PACIFIC \*\*\*

- 1475 UNIDENTIFIED TP - DEC 30 1206-1210 good carrier. I tuned here after Thailand 1575 faded into the noise. Been after this one for a long time and might have heard something this date if had tuned in earlier but spent all my time on 1575. Obviously a TP since all of South America, the Caribbean and most of Central America in sunlight at this time. [Moore-FL]
- 1503 AUSTRALIA - DEC 24 1053-1108 man talking at threshold level. Rare December "down under" opening produced 18 TP carriers between 1638 and 1332 kHz but this was only one to produce any audio. All these stations peaked unusually early, more than an hour before local sunrise (1213), and had faded substantially by 1115. [Moore-FL]
- 1575 THAILAND - DEC 30 1153-1204. VOA Burmese program parallel to 9890 kHz 1153-1159. Naturally, it faded for top of hour VOA announcement but definitely parallel 9890. Then, to my surprise, came back at 1200-1204 in a different language, which, if my ears didn't deceive me, was English. Good signal but high noise level. Carefully reviewing my tape I was able to pick out a few American accented words and phrases, "ultimate . . . reaction", "it is not clear", "impact". Man and woman apparently discussing news. Bruce Portzer's wonderful Pacific-Asian Log shows Radio Saranrom using VOA's transmitter 1200-1230 running VOA's News Now in English on Sunday. The transmission is beamed 355 degrees, perfect for eastern North America. DEC 22 1152-1156 man in Oriental language with whort musical interludes. Briefly peaked at 1155 with intelligible audio (if I understood Burmese) by man - otherwise mainly threshold audio in the noise. [Moore-FL]

\*\*\* CONTRIBUTORS \*\*\*

- [Moore-FL] Raymond Moore, Ft Myers FL - EQUIPMENT; R8, 23" spiral passive loop, 23" passive Short wave loop.
- [Connelly-MA] Mark Connelly, Billerica, MA (GC= 71.221 W / 42.533 N) - Equipment; Drake R8A, sloper + various longwires to Superphaser-1 phasing unit

## WESTERN DX FORUM

*Reid Wheeler – 5910 Boulevard Loop SE – Olympia, WA 98501-8408*

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Edward Kusalik VE6EFK 2117-10A Street Coaldale, Alberta Canada  
e-mail: [ekusalik@telusplanet.net](mailto:ekusalik@telusplanet.net) phone:(403) 345-5439 (after 5 PM)

I would like to introduce myself to the membership of the IRCA forum. Just recently I joined this group of dedicated listeners to the medium wave band. I've been a listener since 1963 first with medium wave back in my home town of Chatham Ontario, with early crystal sets and 2-stage transistor sets. It wasn't to about 1965 I realized you could a 'thing' called a 'QSL' from one of these stations. So by then I was 'hooked' on DX'ing both short and medium wave. Gradually my interest drifted slowly from medium wave and concentrated more on short wave. In 1980 I moved my family to Alberta and experience the medium wave out look from the other end of the continent, yet now more interest on trying to get all the 50 states verified and the 10 Canadian provinces. My totals slowly rose to another peak. In 1992 I received my Ham license and got the callsign VE6EFK (for my initials). Today my interest in medium wave is strictly towards the x-band area (from 1600-1700 khz) with 37 stations heard and 34 verified. My two receivers in use are JVC NRD-525 (modified with ESKALB PLAM Board for ECSS Detection) and a Drake R8A (with Sherwood SE3 Mark 111D Product detector) Antennas are 90/60/49 meter Inverted 'V' (have used this type since 1976) 225 foot longwire in a horizontal EWE configuration and a trap-sloper cut for 3/4 wavelength for 6955 end feed with a 3/4 wave length 60-meter sloper. This last antenna seems to work the best for x-banders. And for the medium wave 36" Diamond shaped Box loop (cut for 1600-1700 kHz) feed with AA2 pre-amplifier. In addition to this I use a MFJ-1026 Noise Reduction unit which I use as my auxiliary antenna, a 102" Vertical whip with low-noise pre-amplifier. With this configuration I have noticed that the level of noise drops considerably connected to the 6955 trap-sloper. What little time I have left I enjoy working out in the Garage on woodcraft projects which my wife, Joanne of 31 years keeps me active with. Over the years I have belonged to the following associations: NASWA (since 1968) ODXA (founding member - since 1974 and presently it's QSL Editor, DXplorer (formally NU) as well as CIDX,A\*C\*E\* FRW and Radio Amateurs of Canada (RAC). My present work keeps me busy but I do try to attend conventions whenever possible. Unfortunately, I missed the opportunity of attending the convention held in Montana last year. With that I will close and hope to keep in touch with this wonderful hobby of ours.... Sincerely Edward Kusalik

## EASTERN DX FORUM

*Richard C. Evans – 7416 Hearthstone Way – Indianapolis IN 46227-7923*

E-mail: [REvans5435@aol.com](mailto:REvans5435@aol.com) DEADLINES: Sundays

Rick Evans. 7416 Hearthstone Way, Indianapolis, Indiana 46227

A couple of quick notes. I did find one advantage to having WMYS-1430 change calls and go to all-talk. I was able to sneak a station past them on 1440. Back on 12/19, before going in to work, I caught WAJR for my fifth WV station here. Then, on New Year's Eve, I was off work and caught CINN-940 for my first station here on 940, sneaking it past my local on 950. Still can't pull any IDs on 1300 or 1320, tho. Just too much WTLC, my AN local on 1310. I was down in Alabama for Christmas and took a portable with me. No room in the car for the HQ, but I didn't want to take it on a trip thru the KY mountains in the winter, anyway. I didn't listen much there, but did catch the end of the Colts football game on WLAC-1510. Tuned in just in time to hear them lose in the last 50 seconds of the game, hi. I also heard WMIB-1660 for a new x-band down there. I also caught a TIS on one of the x-band frequencies (I don't remember which one, but I think maybe 1680) doing nothing but promoting tourist spots in Florida. It was covering, as I recall, Orlando, Jacksonville,

perhaps Miami, and sounded like it had the transmitter in the same room with me. I was 20 miles north of Dothan, Ala., so it must have been somewhere in the Florida panhandle. My part-time job is cutting back hours this month (normal for this time of the year) so it looks like I will have my Sunday nights free for a few weeks. I hope to get some DX in then, since I haven't had many free evenings here since I moved to Indy back in 1999. My Alabama total heard now is at 229, and my Indy heard is at 150 with one verie. 73.

## GEOMAGNETIC INDICES

*Editor: Phil Bytheway*

E-mail: phil@radiodx.com

### Geomagnetic Summary December 18 2001 through January 6 2002

Tabulated from email status daily

Date	Flux	A	K	SA Forecast	GM Forecast	Etc.
12/18	212	9	3	low-moderate	quiet-unsettled	5 swa
19	208	9	0	low-moderate	quiet-unsettled	4 swa
20	221	6	0	moderate	quiet-unsettled	4
21	234	11	2	moderate	quiet-active	8 swa
22	243	8	2	low-moderate	quiet-unsettled	4 swa
23	255	9	2	moderate	quiet-unsettled	6 swa
24	275	19	3	moderate	unsettled-active	6
25	259	11	2	moderate	quiet-unsettled	5 swa
26	268	9	2	moderate-high	quiet-unsettled	7 maf 0514/spe/ pca/swa
27	275	9	1	moderate-high	quiet-mis	5 spe/swa
28	263	9	2	moderate-high	quiet-mis	3 maf 2005/swa
29	264	13	3	moderate-high	quiet-unsettled	7 maf 0945/spe/ swa
30	247	17	4	moderate-high	unsettled-mis	6 spe 0245/swa
12/31	246	13	2	moderate	quiet-unsettled	4 spe/swa
1/ 1	232	10	3	low-moderate	quiet-unsettled	6 spe/swa
2	231	7	1	moderate	quiet-unsettled	6 spe/swa
3	220	1	0	moderate	quiet	1 spe/swa
4	218	4	1	low-moderate	quiet-unsettled	6 spe
5	212	3	1	low-moderate	quiet-unsettled	1
1/ 6	197	5	0	low-moderate	quiet-unsettled	3

## JUST PUBLISHED! The IRCA Mexican Log, 7<sup>th</sup> Edition

lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The log has been completely updated from the 2000 edition and carefully cross-checked by several IRCA members. **This is an indispensable reference for anyone who hears Mexican radio stations.** Size is 8 1/2" x 11" and three hole punched for easy binding. Prices: IRCA/NRC members - \$9.00 (US/Canada/Mexico/sea mail), \$10.00 (rest of the Americas airmail), \$10.50 (Europe/Asia airmail), \$11.00 (Australia/New Zealand airmail). Non-members: add \$2.50 to the above prices.

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NEWFOUNDLAND DXPEDITION X  
10 to 18 November, 2001  
A report assembled by Jean Burnell

Part II, continued from last issue

- 1197 SPAIN Euskadi Irratia, Vitória, 17 Nov, 1829 - // 1071 with folk music almost in an Alpine style [MC].
- 1206 FRANCE France Bleu, Bordeaux, 11 Nov, 0415 - Excellent; Eagles "Hotel California," jingle and French vocal [BC].  
+ 16 Nov, 2358 - // 1377 et al. with male reggae-style French vocal; excellent [MC].
- 1215 ALBANIA TWR, Fllake, 13 Nov, 0244 - Fair; nostalgic music // 7380 and 9490, under/over Virgin and COPE [BC].
- 1215 KALININGRAD / RUSSIA V. of Russia, Bolshakovo, 13 Nov, 0236 - Russian talk mixing with Virgin R.; poor [JF].  
+ 13 Nov, 0259-0301 - Faded up well over Virgin R. with IS and Russian talk from 0300; 43433 [JB].
- 1224 BULGARIA R. Bulgaria, Vidin, 14 Nov, 0402 - Presumed; IS theme after the news; poor under co-channel rock music from Holland [JF].  
+ 14 Nov, 2059 - Tentative; less-than-clear ID under Q The Beat; 32432 [JB].
- 1224 NETHERLANDS Q The Beat, Almere, 12 Nov, 2050 - Urban contemporary music under Spain [BC].  
+ 16 Nov, 0025 - "Q The Beat" ID; excellent [MC].
- 1224 SPAIN R. Popular, San Sebastián, 12 Nov, 2100 - Good; "Radio Popular... el Reloj" sports program [BC].
- 1233 BELGIUM R. Trafic, Rocourt, 16 Nov, 2325 - Continuous light rock music // 1125, fading in and out of Virgin R., sometimes fully on top of the frequency [BC].  
+ 16 Nov, 2340 - Pop music, // 1125 and 1305; 22232 [JB].
- 1233 CZECH REP. R. Free Europe synchros, 14 Nov, 2300 - Two men talking, then ID repeated twice at 2300, // 1287 [JR].
- 1233 ENGLAND Virgin R. synchros, 16 Nov, 2320 - Pop/rock music // 1215 [BC].
- 1242 ENGLAND Virgin R. synchros, 12 Nov, 2103 - News report about that days' American Airlines plane crash, // 1215 & 1197; poor [JF].  
+ 13 Nov, 0230 - Fair; Star Trek spoof of Queen's "Bohemian Rhapsody," // 1215 [BC].
- 1242 FRANCE France Bleu, Marseille, 12 Nov, 2115 - Good; "France Bleu" promo and talk, // 1206 [BC].  
+ 17 Nov, 1853 - // 1206 with French uptempo pop male vocal; good [MC].
- 1251 LIBYA Libyan Jamahiriya, Tripoli, 10 Nov, 2304 - AA talk; good [CB].  
+ 13 Nov, 0225 - Good; man in echoed Arabic [BC].  
+ 14 Nov, 2012 - Good; music and Big Ben chime, // 15435 [BC].  
+ 17 Nov, 2043 - Heard with headlines in English [JR].
- 1260 ENGLAND 2 stations, 16 Nov, 2259 - Mention of Classic Gold and Northumberland [JR].
- 1260 ENGLAND Classic Gold 1260, Mangotsfield, 14 Nov, 2240 - Ad for company in Bristol, country tune, "Classic Gold" promo; 32432 [JB].
- 1269 CANARY IS. R. ECCA, Las Palmas, 16 Nov, 2018 - English language lessons "I like the sandwiches," etc. [MC/JR].
- 1269 GERMANY DLF, 15 Nov, 1738 - Program same as 6190 kHz [JR].
- 1278 IRELAND RTE 2FM, Dublin and Cork, 13 Nov, 0215 - Fair; pop music, "2FM" IDs [BC].  
+ 16 Nov, 0425 - // 612 with pop dance rock; good [MC].  
+ 16 Nov, 2025 - Trance music, telephone numbers at 2030; 34443 [JB].
- 1287 CZECH REP. Cesky Rozhlas synchros, 13 Nov, 2015 - Fair; man and woman // 1233 [BC].

- 1287 CZECH REP. R. Free Europe, multiple sites, 13 Nov, 2120 - Presumed Czech language program, // 1233; not sure if program was VOA, RFE or BBC; fair [JF].  
 + 14 Nov, 2258 - Unknown language, talk about German politics, ID just before 2300, then signed off with "This is Radio Free Europe, Radio Liberty, Praha" three times; 34444 [JR/JB].
- 1287 ISRAEL Galei Zahal, Tel Aviv, 16 Nov, 0215-0302 - Hard rock music and telephone call-ins, ID and frequencies in Hebrew at 0259, // 1368 & 6972; poor to fair [MC/JF/JB].
- 1296 ENGLAND BBC World Service, Orfordness, 13 Nov, 2010 - Good; news from Afghanistan, // 11835, over Radio XL [BC].  
 + 15 Nov, 1953 - // 1521 with "The English Quiz" [JR].
- 1296 ENGLAND Radio XL, Langley Mill, 13 Nov, 0213 - Excellent; lively Indian pop music, announcement in Hindi [BC].  
 + 14 Nov, 2236 - Local-accented DJ requested phone calls, jingle ID "Radio XL, 1296 AM," Indian house music, switched to Hindi for an ad; good [JF/JB].  
 + 16 Nov, 0558 - Reverberated Hindi female vocal; local-like! [MC].
- 1296.05 SPAIN COPE, Valencia, 16 Nov, 2015 - Man & woman in Spanish [MC].
- 1305 BELGIUM R. Trafic, Marche, 16 Nov, 2338 - Pop music // 1125 and 1233; 22432 [JR/JB/BC].
- 1305 ENGLAND Premier R., Enfield & Ewell, 13 Nov, 2320 - Good; contemporary Christian music, // 1413 [BC].  
 + 13 Nov, 2340 - Gospel music // 1413, ID as "24 hours a day, this is Premier Radio;" poor [JF].  
 + 14 Nov, 2051 - Religion under Spain; 22332 [JB].  
 + 18 Nov, 0230 - ID during program break, // 1413 [JR].
- 1305 SÉNÉGAL RT Sénégal, Rufisque, 12 Nov, 1956-2006 - Tentative; news in French (many items from Guinea) and then in local language from 2005, but I've never heard this station ID! 35333 before Spain began fading in [JB].  
 + 12 Nov, 2000 - African music, good on the Africa wire, RNE-Spain dominant on the east wire [BC].  
 + 14 Nov, 2001 - French news, long report on medicine in Conakry; 34333 [JB].  
 + 15 Nov, 2124 - French talk and music; strong, but no ID heard this or subsequent nights [JR].  
 + 16 Nov, 1959-2005 - No break from African music; 33333 [MC/JB].  
 + 17 Nov, 1945 - Kalimba music; mixed with Spain synchros [MC].
- 1305 SPAIN RNE5, Ciudad Real, 16 Nov, 1955 - Regional split, woman with news for Castilla-La Mancha; 22432 [JB].
- 1305 SPAIN RNE5, Orense, 16 Nov, 1955 - Regional program split, "Radio 5 en Galicia" was generally strongest with news; 32432 [JB].
- 1305 WALES Capital Gold, Christchurch, 17 Nov, 0003 - Rock oldies music, "on Capital Gold" canned ID, mixed with Premier R. and R. Trafic [BC].
- 1313 ANGOLA EP de Huila, 15 Nov, 2005 - Het on low side of Norway-1314, African music, EP de Huila likely [BC].  
 + 16 Nov, 2012 - Pop music; poor to fair [MC].  
 + 17 Nov, 2020 - Portuguese sporting event; to fair peak [MC].  
 + 17 Nov, 2034 - Possibly; brief audio [JR].
- 1314 NORWAY NRK, Kvitsøy, 14 Nov, 0835 - Excellent; telephone talk [BC].
- 1323 ENGLAND BBC Bristol & Somerset Sound, Taunton, 16 Nov, 0450 - Local announcements [JR].  
 + 16 Nov, 2330 - Announcer mentioned being in Bristol; second UK station with oldies mixing [MC].  
 + 17 Nov, 0050 - Good; nostalgia // 1413 BBC R. Gloucestershire [BC].
- 1323 ENGLAND Capital Gold, Southwick, 13 Nov, 0205 - Music "from the 60's, 70's, and 80's" under an unID Radio 5 Live relay and unID Koranic recitations [BC].  
 + 16 Nov, 0459 - "This is Capital Gold" [JR].  
 + 17 Nov, 0040 - Pink Floyd "Another Brick in the Wall" // 1305, under Taunton, England [BC].

- 1323 GERMANY V. of Russia Relay, Wachenbrunn, 14 Nov, 0655 - English program, Russian language lesson; 33433 [JB].  
 + 14 Nov, 2055 - Excellent; "Ici Moscou" and frequencies in French, anthem, interval signal and off [BC].  
 + 16 Nov, 0555 - Woman in German; over UK locals [MC].  
 + 17 Nov, 2016 - French news; 24432 [JB].
- 1332 ENGLAND BBC Wiltshire Sound, Lacock, 13 Nov, 0245 - Interview, // 909; 23432 [JB].  
 + 16 Nov, 2347 - ID, report on charity drive, brief selections of music; 33443 [JF/JB].
- 1332 ENGLAND Classic Gold 1332, Peterborough, 11 Nov, 2250 - Pop music and an ID; under jazz (possibly RAI), 32342 [JB].
- 1332 ITALY RAI R. Uno synchros, 12 Nov, 2200 - Good; "Rai" network news [BC].
- 1341 CANARY ISLANDS / SPAIN SER synchros, 16 Nov, 2008 - // 1116 with fast Spanish talk; over other station with Northern Ireland phased [MC].  
 + 17 Nov, 1943 - Spanish sporting event [MC].
- 1341 NORTHERN IRELAND BBC R. Ulster, Lisnagarvey, 16 Nov, 2008 - Classical music; strong on European Beverage [MC].
- 1350 UNID 16 Nov, 2059 - Appeared to conclude a broadcast with an Interval Signal consisting of a bird chirping (chirping pause chirping pause, etc.). EMWG suggests either TWR Armenia or Hungary, both of which might sign off at this time [JR].
- 1359 ENGLAND Classic Gold 1359, Coventry, 17 Nov, 0002-0018 - Sounded like there were two Classic Gold stations here playing the same music rotation about 2 minutes apart; the Bob Marley song "No Woman, No Cry" was heard at 0006 then again at 0008 as the second station faded up, IDs at 0005 "Classic Gold 1359, Coventry and Warwickshire" and at 0013 "Classic Gold, Double Shot. Great music from the 60's;" fair [MC/JF].
- 1359 ENGLAND Classic Gold Breeze, Baker's Wood, 13 Nov, 0110 - "This is the station that gets you through the night, on that night shift, with all the great songs you can sing along to from the 60's, 70's, and 80's, another 20 minutes of non-stop Classic Gold breezy (or easy) music coming up" [BC].  
 + 16 Nov, 2142 - "Horse with No Name" by America (1972), Classic Gold ID [MC].
- 1368 ISLE OF MAN Manx R., Douglas, 11 Nov, 2357 - Fair; nostalgia and light adult contemporary music "on Manx Radio" [BC].  
 + 12 Nov, 2148-2204 - Jazz program to Independent Radio News at 2200, weather and jingle ID at 2203; 33333 [JB].  
 + 13 Nov, 2255 - Ad for "Paul Vasch, The Natural Stone Specialist," ID and music "You're My Mate (and I Will Stand by You)" by Right Said Fred; good [JF].  
 + 13 Nov, 2340 - Music in the Night jingle, Barbara Streisand "The Way We Were" [BC].  
 + 16 Nov, 2200 - " Broadcasting from Douglas in the Isle of Man, this is Manx Radio" ID [MC/BC].
- 1368 ISRAEL Galei Zahal, Shivta & Rosh-pina, 16 Nov, 0220 - Pop song and telephone calls, findable only by using the // 6972; 22431 [JR/JF/JB].
- 1377 FRANCE France Bleu, Lille, 16 Nov, 2358 - Excellent with French vocal // 1206 [MC].
- 1385.91 GUINEA R. Rurale, Labé, 11 Nov, 1955-2003 - African music, open carrier for ca. 45 seconds at 1958, nice "Radio Rurale" ID in local language at 2001, indigenous flute that may be an IS, then back to African music; 44433 [JB/BC].  
 + 12 Nov, 2046 - French talk and African music; fair to good [JF].  
 + 15 Nov, 2012 - Presumed; music and talk, no IDs, but strong signal [JR].  
 + 16 Nov, 2004 - African vernacular talk; loud [MC].
- 1386 RUSSIA / KALININGRAD V. of Russia, Bolshakovo, 12 Nov, 2009 - Good; "news and views in English from the World Service of the Voice of Russia" [BC].  
 + 13 Nov, 1955-2001 - End of German language broadcast, old anthem of the USSR (This was the first time that I have heard this anthem in many years. Does anyone know how long they have been re-using it?); bells IS, English ID and news; good [JF].

- + 16 Nov, 2005 - Talk, "This news comes to you in the worldwide service of the Voice of Russia," then a speech in an echoey room [MC].
- 1394.83 ALBANIA TWR, Fllake, 12 Nov, 2007 - Excellent; prayer in presumed Hungarian per EMWG, "Amazing Grace" instrumental, interval signal [BC].
  - + 15 Nov, 2112 - Croatian program with Monte Carlo and Zagreb addresses, music, IS at 2115 and into Slovak program; good [JF].
  - + 17 Nov, 1940 - TWR interval signal, a few words, then hymn with female vocal & piano [MC].
- 1395 NETHERLANDS Business Nieuws R, Trintelhaven, 14 Nov, 0505 - Dutch business talk; excellent [MC].
  - + 14 Nov, 0532-0542 - Dutch report about new cars and other business news with alternating man and woman announcers, ad for "MCD" and ID; good [JF].
- 1404 FRANCE France Bleu, multiple sites, 16 Nov, 2206 - More than a second between two signals, ID ID at 2208; 33333 [JB].
  - + 16 Nov, 2358 - // 1206 with French vocal; poor to fair over others [MC].
- 1413 ENGLAND BBC R. Gloucestershire, 12 Nov, 0112 - Good; talk about United Nations, then a BBC report on Egyptian theological life, mixing with RNE-Spain [BC].
  - + 14 Nov, 0207 - ABC network news from the USA (sometimes carried overnight by BBC), back to BBC programming with discussion about changes in civil liberties in the USA, // 909 & 1503; fair [JF].
  - + 16 Nov, 0509 - Woman gave ID "BBC Radio Gloucestershire," then into country song; over other UK station [MC].
- 1413 ENGLAND Premier R., Heathrow & Dartford, 12 Nov, 2120 - Fair; telephone talk about Christian topics, over RNE-Spain [BC].
  - + 13 Nov, 2330 - Fair; "1305, 1332, 1413 ... Premier Christian Radio" [BC].
  - + 16 Nov, 0514 - Preaching, // 1305; 32442 [JB].
  - + 18 Nov, 0230 - // 1305 [JR].
- {1422-Germany noted in passing} [MC]
- 1431 ENGLAND Classic Gold, Rayleigh and/or Manor Farm, 16 Nov, 0422 - // 1521 with David Bowie song; good [MC].
- 1431 ENGLAND Premier R., 2 London sites, 18 Nov, 0230 - Frequently heard in 2000 and 2001, but this was the only time I've heard an ID: ID during program break, // 1305 [JR].
- 1431 GERMANY Mega R., Wilsduff, 13 Nov, 0205-0231 - Pops, canned IDs occasionally between songs, // 1575; 34443 [JF/JB].
  - + 14 Nov, 2125 - Good; urban contemporary hit music, "Mega Radio, die musik" [BC].
  - + 14 Nov, 2303 - Dance music, slogan heard, // 693 [JR].
  - + 16 Nov, 0551 - Dance music // Luxembourg-1440; mixed with UK station [MC].
  - + 17 Nov, 0016 - "Mega Radio" ID, then "I'm a Survivor" by Destiny's Child [MC].
- 1431.06 IRAN IRIB, Esfahan, 13 Nov, 0058 - Fair; flute/string music // 15084 [BC].
  - + 13 Nov, 0217 - Music // 15084 up briefly above Mega R.; 32332 [JB].
- 1440 LUXEMBOURG RTL R. / Mega R., Marnach, 10 Nov, 2334 - Pop music; excellent [CB].
  - + 14 Nov, 0524-0532 - Rock music, "Mega Radio" jingle ID; good [JF].
  - + 14 Nov, 2120 - Excellent; "Die Grössten Oldies, RTL Radio" jingle, English oldies music [BC].
  - + 16 Nov, 0450 - Man in German; excellent [MC].
  - + 16 Nov, 0551 - Mega R. relay // Germany-1431; high-energy dance-club music [MC/JR].
- 1440 SAUDI ARABIA BSKSA, Damman, 16 Nov, 0130 - Arabic // 1521; good [MC].
- 1449 ENGLAND BBC Asian Network, Gunthorpe, 16 Nov, 0435 - Short pieces of Mideast music interrupted by talk; possibly religious [MC].
- 1449 ITALY RAI R. Due synchros, 14 Nov, 2115 - Fair; man and woman in Italian // 846 [BC].
  - + 16 Nov, 1940 - // (weaker) 846 with pop disco; good [MC].



- 1449 SCOTLAND BBC R. 4, Redmoss, 13 Nov, 0049 - Fair; weather for individual cities [BC].  
 + 13 Nov, 0154 - Country music award show report, // 198; 33443 [JB].  
 + 16 Nov, 0020 - BBC news about petrol; loud [MC].
- 1458 ENGLAND Big AM, Ashton Moss, 14 Nov, 2135 - Fair; "on Big AM" and Rod Stewart "Downtown Train," then "You're on Big AM, the greatest songs ever, playing now" [BC].  
 + 15 Nov, 1748 - The differences between men and women [JR].  
 + 15 Nov, 2145-2153 - Music by Sonny and Cher and Huey Lewis, ID as "Your Big Station, playing the biggest songs ever, Big AM;" fair with QRM from Sunrise R. [JF].  
 + 16 Nov, 0538 - "Big AM" ID, then "I'll Stand by You" by Chrissie Hynde; good [MC].
- 1467 FRANCE / MONACO TWR, Roumoules, 13 Nov, 1943 - Chimes IS, ID in presumed Arabic; good [JF].  
 + 17 Nov, 2246 - Arabic music; excellent [MC].
- 1467 IRAN IRIB, Isfahan, 13 Nov, 0040 - Good; talk, // 15084 [BC].
- 1467 MOLDOVA / PRIDNESTROVYE R. Pridnestrovye, Grigoriopol, 16 Nov, 0515-0530\* - After Monaco went off, Russian talk with lots of mentions of Moldova, occasional chimes music heard after items (0521, 0526 and 0530), clear IDs at 0526 and 0530, then off the air; 24332 [JR/JF/JB].
- 1476 AUSTRIA R. Africa International / R. Austria, Wien/Bisamberg, 13 Nov, 2200-2232 - New program of African news consisting of African news items and music from the country in the music, program seemed to be called "Report from Africa," ID as "Welcome to Radio Africa, broadcasting from Vienna, the capital of Austria," German program started at 2217 and French program at 2231; good [JF].  
 + 14 Nov, 2000 - Good; end of German program, "Radio Austria International" ID and news in English from Vienna, over UAE [BC].  
 + 16 Nov, 2008 - News in English, ID as "Radio Austria" [JR].  
 + 16 Nov, 2108 - German news mentioning Milosevic; good, over UAE [MC].
- 1476 AZERBAIJAN Azerbaijan R., 16 Nov, 0201 - Strong, woman reading the news [JR].  
 + 16 Nov, 0205-0222 - Tentative; news in an unidentified language read by a woman, music that sounded more Middle Eastern than Arabic at 0222; fair [JF].
- 1476 UNITED ARAB EMIRATES UAE R., Dubai, 13 Nov, 0234 - Koran, // 13675; good [JF].  
 + 14 Nov, 1955 - Good; Middle Eastern music // 13675, over/under Austria [BC].  
 + 16 Nov, 2108 - Female Arabic vocal; behind Austria [MC].
- 1484.55 ANGOLA EP do Kuanza-Sul, Sumbe, 15 Nov, 2048 - Presumed; Portuguese talk with African accent; very poor [JF].  
 + 17 Nov, 2012 - "Angola" and "esportiva" mentioned; at 2102 pulsing dance music, then announcements with strong reverb (nearly local strength on the truncated Africa wire), "Musicado (voz?) ... 91.7 FM, 1480 onda media;" a subsequent announcement after the next song repeated the frequencies, and may have shouted "Emissora!" [MC/JR].
- 1485 ENGLAND BBC R. Humberside, Hull, 13 Nov, 0005 - Fair; end of news, "From the BBC across northern England, it's time for Midnight Memories on the BBC Late Show, in Yorkshire, the northwest and the northeast" [BC].
- 1485 ENGLAND BBC R. Merseyside, Wallasey, 15 Nov, 0741 - Discussion about re-opening a local murder case, news headlines and ID; fair [JF].
- 1485 ENGLAND BBC synchros, 17 Nov, 0048 - BBC talk-show mentioning a trip to the Caribbean [MC].  
 + 17 Nov, 0219 - Interview with US-accented woman about health insurance; about 1 second delay between synchros [MC].
- 1485 ENGLAND Classic Gold, Newbury, 15 Nov, 1753 - Ad for Royal Berkshire Hospital in Reading, ID as "Classic Gold 1431 and 1485" [JR].
- 1494 FRANCE / CORSICA France Bleu and France-Inter, multiple sites, 12 Nov, 0110 - Fair; Buggles "Video Killed the Radio Star," // 1206 [BC].  
 + 15 Nov, 0004-0102 - Two different French programs, one with France Bleu and the other France-Inter (// 162, 1375); both 22432-1 [JR/JF/JB/BC].  
 + 16 Nov, 2358 - Excellent with French vocal // 1206 [MC].

- 1494 GREECE / RHODES ERA, 15 Nov, 1843 - According to EMWG, ERA runs BBC programs in Greek; heard with "BBC" and "UK," probably giving address to listeners [JR].
- 1494 MOLDOVA R. Moldova 2, Cahul & Edineti, 16 Nov, 0525 - R. Moldova ID; good [MC/JR].  
 + 16 Nov, 0531-0546 - Tentative; talk by a woman in either Romanian or Moldovan, possible ID at 0535 during talk by man, fading out and mixing with co-channel France by 0545; good [JF].
- 1494 RUSSIA Vo Russia, St. Petersburg-Popovka, 14 Nov, 2105 - Good; news in English from the Voice of Russia World Service // 1386, 5940, 7300 and 7340 [BC].  
 + 14 Nov, 2111 - English talk about crude oil prices and production, // 1386; good [JF].  
 + 15 Nov, 1735 - Early strong signal, English program [JR].
- 1502 ANGOLA EP de Benguela, 11 Nov, 2035 - Excellent; man in Portuguese and lively African pop music [BC].
- 1503 AZORES AFRTS, Lajes, 12 Nov, 2100 - Fade up with promo/ID for "Island 96" then "wear sun-screen" announcement; 33333 for a few minutes [JB].  
 + 13 Nov, 2000 - Good; language lesson, message about careers in the Air Force, over/under BBC R. Stoke [BC].  
 + 16 Nov, 1950 - "Armed Forces Radio" mention; over 1502 het [MC].
- 1503 ENGLAND BBC R. Stoke, Stoke-on-Trent, 12 Nov, 2102 - Faded up with BBC news, suddenly dominant; 33433 [JB].  
 + 12 Nov, 2330 - Fair; telephone talk about American Airlines crash, then sports news, fading under Iran [BC].
- 1503 IRAN IRIB, Bushehr, 12 Nov, 2052 - Farsi talk, news from 2100, // 15084; 32433 over Azores [JB].  
 + 12 Nov, 2333 - Man and woman // 15084, over/under BBC-England and unID stations [BC].  
 + 15 Nov, 2321 - // 15084 with pop male Mideast vocal; mixed with UK station [MC].  
 + 16 Nov, 1943 - Good with flute and string music, // 15084 [MC].
- 1503.26 UNID 17 Nov, 2000 - Possibly Togo here with low het against Azores; Angola-1502 not noted at this time [MC].
- 1512 BELGIUM R. Nederland, Wolvertem, 12 Nov, 2315 - Excellent; "a brief look at Dutch news" and feature story about WTO [BC].  
 + 16 Nov, 0545 - Strong open carrier, 0558 interval signal followed by sign-on announcement in Dutch [BC].  
 + 16 Nov, 2110 - Dutch news mentioned Mazar-e Sharif; local-like [MC].
- 1512 GREECE / CRETE ERA, Charia, 16 Nov, 2208 - Noted weak // to program on 1404 [JR].
- 1512 ITALY RAI R. Tres, Palermo, 16 Nov, 0550 - Technopop/dance music in Belgium open carrier [BC].
- 1512 SAUDI ARABIA BSKSA, Jeddah, 15 Nov, 0025 - Presumed; Koranic recitations, again at 0105 and with music at 0110; published reports indicated that BSKSA was going to begin broadcasting 24 hours, although in this instance it might have been extended hours for Ramadan [BC].
- 1521 ENGLAND Classic Gold Digital, Duxhurst, 16 Nov, 0448 - Classic Gold ID, then David Bowie song; good [MC].  
 + 16 Nov, 0524 - "House of the Rising Sun," // 1431 [JR].
- 1521 SAUDI ARABIA BSKSA, Duba, 13 Nov, 1955 - Excellent; Arabic // 9555, over an unID England station [BC].
- 1521 SLOVAK REP. BBC Relay, multiple sites, 14 Nov, 1950 - English lesson, World Service ID at 1952; echoed audio, 33443 over Saudi Arabia [JB].  
 + 15 Nov, 1941 - "The English Quiz" with echo indicating two sites audible [JR].  
 + 16 Nov, 0530 - Sign-on with bells [JR].
- 1530 ENGLAND Classic Gold 954/1530, Cotheridge-Worcester, 16 Nov, 0531 - Bradford auto ad, West Yorkshire weather [JR].

- + 16 Nov, 0540 - // 1521 with "The Love I Lost" by Harold Melvin & the Bluenotes [MC].
- + 17 Nov, 0200 - News headlines, then slogan "Good times, great music for West Yorkshire" into "Caribbean Queen" by Billy Ocean [MC].
- 1530 ENGLAND unID city, 16 Nov, 0036 - Used slogan "TalkSport, the UK's best radio station," but was not // 1089 [MC].
- 1530 ICELAND AFN, Keflavik, 16 Nov, 0728 - Announcements concerning US Naval families in Keflavik, CNN News, ID as "Radio Newsline Keflavik," excellent [JR].
- 1530 SÃO TOMÉ E PRÍNCÍPE VOA Relay, Pinheira, 13 Nov, 2029 - Excellent; "1530 for listeners in West Africa, and 909 for listeners in southern Africa. This is 'Africa World Tonight' from the Africa Service of the Voice of America" [BC].
  - + 14 Nov, 2025 - "Africa World Tonight" // 7415 [BC].
  - + 16 Nov, 1944 - French ID "Ici la Voix d'Amerique;" over Vatican [MC].
- 1530 VATICAN R.Vaticana, Vatican City, 13 Nov, 1950 - Hail Mary under an unID station [BC].
  - + 16 Nov, 1944 - Rosary recitation; mixed with VOA São Tomé [MC].
- 1539 GERMANY Evangeliums Rundfunk, Mainflingen, 13 Nov, 1945 - Excellent; man in German, "ERF" ID [BC].
  - + 17 Nov, 1837 - German preacher [MC].
- 1539.1 IRAN / CLANDESTINE R. Jihad (?), 15 Nov, 2341 - Male group chant; good [MC].
- 1548 ENGLAND BBC R. Bristol, 15 Nov, 2002 - Weather report from "BBC in the Southwest" [JR].
- 1548 KUWAIT VOA Relay, Kabd, 13 Nov, 1938 - Assumed this in Arabic [BC].
  - + 13 Nov, 1950-2004 - Arabic news // 11825; 17740 (shortwave channels were about 1 second behind) ID as "Saut al America" at 1959 and more news; poor [JF].
  - + 17 Nov, 0205 - VOA news about anthrax letters, problems at Atlanta airport; loud, over UK [MC].
- 1548 SCOTLAND R. Forth, Edinburgh, 13 Nov, 0415 - Fair; Ricky Martin "La Vida Loca," phone number and trivia contest, Edinburgh mentions, mixed with unID Radio 5 Live relay and adult contemporary music stations [BC].
- 1550 JAMMER (N. Africa) 17 Nov, 2038 - Bubble jammer; slightly over WNTN's Irish show (with no evidence of the RASD Clandestine at the time) [MC].
- 1557 CROATIA Hrvatski R., Osijek, 17 Nov, 0232 - probably this with Slavic vocal; mixed with two different UK stations [MC].
- 1557 ENGLAND BBC R. Lancashire, Oxcliffe, 13 Nov, 0355 - Relay of Radio 5 Live, // 909, over France Bleu [BC].
- 1557 ENGLAND Classic Gold, Kings Heath, 16 Nov, 0538 - // 1521 [JR].
- 1566 ENGLAND County Sound R., Peasmarsh, 11 Nov, 2050 - Fair; adult contemporary music, "County Sound Radio, 1566 mediumwave" [BC].
  - + 13 Nov, 2150 - Jingle ID, ad for "Robin Lloyd, the Endowment People," "MJA Car Sales;" good [JF].
  - + 15 Nov, 2320 - Promo for Breakfast Show, "1566 County Sound Radio" jingle [BC].
  - + 15 Nov, 2335 - "County Sound Radio" ID, into Barry Manilow song [MC].
  - + 17 Nov, 0113 - ID; good, no India at this time [MC].
- 1566 INDIA AIR, Nagpur, 15 Nov, 0038 - News in English [JR].
  - + 16 Nov, 0010 - Subcontinental Indian music, fading in and out of County Sound R., seemed // 4880 [BC].
  - + 16 Nov, 0027-0034 - Fading up with subcontinental music (not // 15084), national news in Hindi at 0030, possible English news at 0038 retune; poor [JF].
  - + 16 Nov, 0037 - // 5010 with English news about prime minister, trade [MC].
- 1566 IRAN IRIB, Bandar Abbas, 12 Nov, 2235 - Instrumental pop music and talks in Farsi, seemed to play "A Time For Love" a lot, // 15084; mixing with another Asian station, presumably India; poor [JF/BC].
- 1575 ITALY RAI R. Uno synchros, 16 Nov, 0515 - Good; telephone talk // 1332, over SER [BC].

- 1584 CEUTA RadiOle, 16 Nov, 1948 - Operatic Spanish vocal; over Spain's SER synchros [MC].  
 + 17 Nov, 1827 - Vocal; over SER [MC].
- 1584 ENGLAND London Turkish R, 16 Nov, 0559 - Tentative; unusual language noted, with all of the other Brits in well at this time, but no ID noted [JR].
- 1584 SCOTLAND R. Tay, Perth, 16 Nov, 0544 - Oldies, ID, // 1161 [JR].
- 1584 SPAIN SER synchros, 17 Nov, 1828 - Talk // other SERs; under Ceuta [MC].
- 1593 ROMANIA R. Cluj, Cluj, 17 Nov, 2006-2016\* - Sounded like news, mentioned "Radio Cluj" at 2015 played the R. Romania IS at 2016; then seemed to go off; 25532 [JB].
- 1593.25 UNID 17 Nov, 1824 - Someone slightly off channel, causing growl [MC].
- 1600.74 UNID 16 Nov, 1946 - Het against WUNR groundwave / semi-skip & Spain-1602: possibly TA because of early reception time [MC].
- 1602 ENGLAND BBC R. 5, Kent, 18 Nov, 0347 - Post boxing talk, // 909 [JR].
- 1602 SPAIN R. Vitoria, Vitoria, 11 Nov, 2045 - Faded up over SER-Spain with news [BC].  
 + 17 Nov, 1823 - Non-SER sporting event; good [MC].
- 1611 VATICAN R. Vaticana, Vatican City, 15 Nov, 1819 - IS [JR].  
 + 16 Nov, 1947 - Classical piano, then talk by woman (Slavic?); excellent [MC].
- 1636 NETHERLANDS / PIRATE R. Barones, 18 Nov, 0238 - Noted in passing with ID [JR].
- 1648 NETHERLANDS / PIRATE R. Station Antonio, 16 Nov, 2222 - Polka music, Dutch talk, "Radio Antonio" ID [MC/JR].

#### PAN-AMERICAN DX

- 535 GRENADA GBC, St. George's, 12 Nov, 2202-2216 - English news (Evening Edition) including mention of strike at the Grenada Bank of Commerce, ad for NAPA auto parts, live report from New York airplane crash; fair to good [JF].  
 + 14 Nov, 0220 - Good; BBC World Service with computer news [BC].  
 + 16 Nov, 0146 - Fair with reggae [MC].  
 + 16 Nov, 0337 - Financial talk; fair [MC].
- 550 URUGUAY R. Colonia, 17 Nov, 0057 - Discovered during tape replay, with ID, mention of "La Republica Oriental de Uruguay;" poor signal [JR].
- 550 VENEZUELA YVKS Mundial, Caracas, 12 Nov, 1005 - Good; "Noticiero Mundial" fast paced delivery of news by two announcers [BC].  
 + 13 Nov, 0915 - Time check as "cinco, quince minutos en Mundial," Latin music; fair to good [JF].
- 555 ST. KITTS & NEVIS R. ZIZ, Basseterre, 12 Nov, 2222 - Caribbean dance music, announcement that news was brought to you by CSR, ID and news at 2230; fair [JF].  
 + 16 Nov, 0338 - Excited announcer, soca music; very good [MC].  
 + 18 Nov, 0519 - Presumed; BBC pop music show [JR].
- 569.98 CUBA R. Reloj, Arroyo Arenas, 14 Nov, 0214 - RR code IDs under R. Rumbos-Venezuela and CFCB-Newfoundland [BC].  
 + 14 Nov, 0452 - News, IDs with "RR" code; transmitter hum, 44444 [JB].  
 + 15 Nov, 0505 - Code IDs heard through mess [JR].
- 570 BRAZIL R. Capital de Minas (ZYL261), Belo Horizonte, 12 Nov, 0110-0130 - Brazilian country and western music and US pops, deep-voiced male announcer was difficult to understand but jingle IDs were clear; initially a phenomenal 44444 but degraded to 34332 by 0130 [JB].
- 570 DOMINICAN REP. R. Cristal (HIMS), Santo Domingo, 14 Nov, 0019-0227, 0256-0258 - Dominican baseball, lots of ads but no ID until after the game at 0258; peak at 34433 [JB].  
 + 14 Nov, 0151 - Ads for Banco Popular and Cerveza Presidente, mention of Puerta Plata, Santo Domingo and Santiago (I once enjoyed a Presidente while visiting the DR!) [JR].
- 570 VENEZUELA R. Rumbos (YVLX), Villa de Cura, 14 Nov, 0057-0200 - Occasionally faded up, horse-racing(?), lots of typical doorbell sounds at 0159; 22422-1 [JB].  
 + 14 Nov, 0159 - Doorbells and news [JR/BC].  
 + 14 Nov, 0215 - Salsa // 670 [BC].

- 580 JAMAICA RJR, Galina, 12 Nov, 0144-0152 - Phone-in program, birthday greetings at 0152; 22322 under Puerto Rico and CJFX [JB].
- 580 PUERTO RICO R. Reloj (WKAQ), San Juan, 12 Nov, 0144-0159, 0230-0235 - News reports, "WKAQ, Radio Reloj, somos noticias" slogans; best around 0230 at 33333 [JB].  
 + 14 Nov, 0158 - Good; "WKAQ Radio Reloj... 580 San Juan, WUKQ 1420 AM en Ponce, Waba 850 AM Aguadilla, WKJB 710 AM en Mayaguez" [BC].  
 + 16 Nov, 0335 - "WKAQ R. Reloj" ID; dominant [MC].
- 600 VENEZUELA R. Sucre (YVQB), Cumaná, 14 Nov, 0155 - Good; "La Voz de la Liberación... gran compañía" religious program, UTC-4 time checks, and many Cumaná mentions [BC].
- 610 BRAZIL R. Itatiaia (ZYL268), Belo Horizonte, 12 Nov, 0300 - Faded up in time for ID; 33333 [JB].
- 610 COLOMBIA Radiodifusora Nacional, Uribia, 13 Nov, 0953-1011 - LA music, ID as "Esta es la Radiodifusora Nacional de Colombia," also IDs as "La Voz de la Cultura;" good [JF].
- 610 URUGUAY R. Capital (CX4), Montevideo, 12 Nov, 0204-0232, 0304-0307\* - Mainly talk first half hour, returned at 0304 for sign-off announcements and address twice, off at 0307; peaks at 33333 [JB].
- 620 ANTIGUA ABS, St. John's, 15 Nov, 0140 - Fair; classic R&B/soul music, local ads, Harold Melvin & the Bluenotes "Wake Up Everybody" [BC].
- 630 PUERTO RICO NotiUno (WUNO), San Juan, 12 Nov, 0910 - News, "Noti-Uno" IDs; 42442 [JB].  
 + 12 Nov, 2212 - News of JFK crash; 32432 [JB].
- 630 VENEZUELA R. Nacional de Venezuela (YVKA), Caracas, 12 Nov, 0740 - Fair; "Radio Nacional de Venezuela" ID in promo with classical music and many "cultura" mentions [BC].  
 + 12 Nov, 0910 - "RNV" ID; 42442 [JB].  
 + 13 Nov, 0917 - "La Noticias de Caracas," slogan as "La Radio de la Informacion," ads; good [JF].
- 650 COLOMBIA RCN (HJKH), Bogotá, 14 Nov, 0659 - Sports news, web address; 24432 [JB].
- 650 URUGUAY SODRE (CX6), Montevideo, 11 Nov, 0245-0258 - Classical music, woman introed pieces and announced a concert at a Montevideo cathedral; 33333 [JB].  
 + 12 Nov, 0325 - Woman with info about classical composer; 33332 [JB].  
 + 14 Nov, 0235 - Tentative; continuous uninterrupted classical music, no ID through the top of the hour, in CKGA-Newfoundland null [BC].
- 670 CUBA R. Rebelde, unknown site, 17 Nov, 1013 - Baseball, Cuba vs. Japan, // 5025; 33343 [JB].
- 670 VENEZUELA R. Rumbos, Caracas, 16 Nov, 0322 - Spanish news with "Rumbos chimes" and IDs; good [JF].
- 680 PUERTO RICO WAPA, San Juan, 14 Nov, 2352 - Ads for Puerto Rican businesses, sports coverage; 32332 with Brazilian QRM [JB].  
 + 15 Nov, 0932 - News on "Cadena Guapa" and list of stations on the network; fair to good [JF].
- 690 BRAZIL R. Dragão do Mar (ZYH587), Fortaleza, 16 Nov, 0009 - Reverberated Portuguese religion; loud [MC].
- 699.64 UNID 18 Nov, 0100 - Spanish talk seemed to have a Santo Domingo mention; HICD has been noted slightly off-channel in the past [MC].
- 700 ARGENTINA R. Córdoba (LV3), Córdoba, 16 Nov, 0332 - Ads including one for Viagra; 32342 [JB].  
 + 17 Nov, 0837-0851 - Fanfares, news from El Diario Clarin, "Cadena 3" slogans, lottery numbers; 34343 [JB].
- 700 BRAZIL R. Eldorado AM (ZYK686), São Paulo, 12 Nov, 0803 - Good; time check with cuckoo clock and ID [BC].
- 700 COLOMBIA R. Net (HJXC), Cali, 12 Nov, 0954 - Fair; news, "Radio Net" IDs [BC].

- 705 ST. VINCENT & GRENADINES NBC 705 Radio, Kingstown, 16 Nov, 0005 - English talk by woman, then folk-style music [MC].
- 710 ARGENTINA R. Diez (LRL202), Buenos Aires, 11 Nov, 0302 - IDs as the most powerful station in Argentina...I don't think so! 34333 [JB].  
+ 16 Nov, 0002 - "La radio más potente..." ID again; 33443 [JB].
- 710 CUBA R. Rebelde, many sites, 14 Nov, 0405 - Baseball talk, // 5025; 33333 over WOR [JB].  
+ 17 Nov, 1006-1013 - Baseball play-by-play of international championship in the Far East; IDs; 32342 [JR/JB].
- 710 CUBA R. Reloj, unknown location, 14 Nov, 1011 - "RR" code breaking through R. Rebelde; 12331 [JB].
- 710 VENEZUELA R. Capital (YVKY), Caracas, 15 Nov, 0315 - Fair; "Radio Capital" jingle in the null of CKVO-Newfoundland [BC].
- 720 GREENLAND Kalallit Nunaata Radioaa, Simiutaq, 12 Nov, 2315 - Talk in Greenlandic; fair [JF].  
+ 14 Nov, 0905 - Excellent; rock music beginning to fade under CHTN-Prince Edward Island [BC].
- 720 VENEZUELA R. Oriente (YVQE), Porlamar, 10 Nov, 2346 - Ads and Venezuelan baseball; 33342 [JB].  
+ 12 Nov, 0314 - Excellent; "Oriente 720 ... hora Venezuela" time check, romantic music [BC].
- 730 BRAZIL Emissora Rural (ZYI780), Petrolina, 15 Nov, 2337 - Call-in show with a female announcer, lots of mentions of Petrolina, and finally an ID, ID also heard at 2250 on 17 Nov. (A second station, or possibly this one, was heard with the "Zoom" network slogan and sound effect, but a search of the Zoom web page indicates no outlet on this frequency) [JR].  
+ 15 Nov, 2339-2349 - Portuguese talks, ads including one for a Honda dealer in Petrolina; poor [JF].  
+ 15 Nov, 2147 - Lots of IDs and promos; 23342 [JB].  
+ 15 Nov, 2338 - "Panorama Esportivo" program, Som-Zoom net slogans, "Emissora Rural" ID at 2340; 33433 [JB].
- 730 TRINIDAD R. Trinidad, Port of Spain, 11 Nov, 0304 - Caribbean-accented woman with religious talk; 33343 [JB].
- 760 BRAZIL R. Uirapuru (ZYH588), Fortaleza, 14 Nov, 0335 - Good; "Rádio Uirapuru" ID with fanfare [JR/BC].  
+ 14 Nov, 0347 - Ads, ID with frequency; 24333 [JB].
- 760 COLOMBIA RCN (HJAJ), Barranquilla, 12 Nov, 0340 - Good; sports commentary with Bogotá and Colombia mentions // 770 [BC].  
+ 16 Nov, 0158 - "RCN" network ID; rising over WORA [MC].
- 760 CUBA R. Reloj (CMCD), Las Mercedes, 12 Nov, 0947 - RR code IDs under Puerto Rico [BC].  
+ 14 Nov, 0344 - Time pips and station IDs on the minute, best on European wire to avoid Brazil QRM; poor [JF].
- 760 PUERTO RICO NotiUno (WORA), Mayaguez, 12 Nov, 0949 - News, many "NotiUno" slogans [JB/BC].  
+ 16 Nov, 0157 - Puerto Rico ads; over Colombia [MC].  
+ 16 Nov, 0931 - Network slogans, including "NotiUno," poor under RCN [JR].
- 770 COLOMBIA RCN, Bogotá, 14 Nov, 0018 - Spanish news program and "RCN" IDs, Latin music; fair [JF].  
+ 14 Nov, 0045 - RCN promo under CX12-Uruguay [BC].
- 770 URUGUAY R. Oriental (CX12), Montevideo, 14 Nov, 0055 - Fair; folk music, "Transmite CX12, Radio Oriental, 770 AM, Montevideo" [BC].  
+ 14 Nov, 0107-0132 - Latin music, ads and IDs; fair with QRM from Colombian station [JF].  
+ 17 Nov, 0131 - Detailed news of Uruguayan soccer team; 33333 [JB].

- 770 VENEZUELA R. Nacional de Venezuela (YVKK), Valencia, 12 Nov, 0954 - Sign on with anthem and full ID; over Colombia, 43443 [JB].  
 + 16 Nov, 0925 - Some sort of sign-on, I think, with various canned slogans and promos mentioning "RNV, La Radio de Información" [JR].
- 789.96 BARBADOS V. of Barbados, Bridgetown, 10 Nov, 2348-0001 - US pop music with no announcements until 0000; 34232 initially, but overtaken by R. Mitre [JB].  
 + 12 Nov, 0400 - Fair; Black gospel music over an unID Latin American station, low frequency het [BC].  
 + 16 Nov, 2305 - BBC news, then "Gospel 790" jingle, Caribbean-English talk by woman [MC].
- 790 ARGENTINA R. Mitre (LR6), Buenos Aires, 11 Nov, 0001-0004 - News and sports, ending with Mitre Web address; 33232 [JB].
- 800 NETHERLANDS ANTILLES TWR, Bonaire, 16 Nov, 0326 - Spanish talk under VOWR; ID at 0328 as "Radio Trans Mundial;" poor [JF].
- 810 BRAZIL R. Verdes Mares (ZYH589), Fortaleza, 11 Nov, 2307-2315 - Ads, "Panorama do Esporte" feature and promos with ID; 44343 [JB].
- 820 ST. KITTS & NEVIS TBN, Nevis, 15 Nov, 0523 - Preacher // 7510 (ex-830 kHz) [JR].
- 830 BRAZIL Forquilha, 16 Nov, 0402 - Many mentions of Fortaleza and Guarani, and one mention of Forquilha, "aqui en el capital ... Ceara," doorbells, appeared to be coverage of a "Carnaval" [JR].
- 830 BRAZIL R. Mirante do Maranhão, 15 Nov, 0833 - Portuguese discussion and easy-listening ballad; good [JF].
- 830 CUBA R. Reloj, Holguín, 12 Nov, 0940 - RR code IDs under R. Sensación-Venezuela [BC].
- 830 VENEZUELA R. Sensación (YVLT), Caracas, 12 Nov, 0942 - Excellent; "en Radio Sensación" time check, romantic music [BC].  
 + 18 Nov, 0357 - Mentions tropical band frequency during ID [JR].
- 840 BRAZIL R. Bandeirantes (ZYK687), São Paulo, 11 Nov, 2325 - Excellent; telephone talk about America and Taliban, // 11925 [BC].
- 840 PUERTO RICO R. Victoria (WXEW), Yabucoa, 12 Nov, 0930 - Good; "transmite WXEW Radio Victoria" over unID Latin American stations [BC].
- 840 VENEZUELA Guarapiche 840, Maturin, 16 Nov, 0943 - ID following "resultados de la loteria" [JR].
- 850 URUGUAY R. Carve (CX16), Montevideo, 11 Nov, 0238 - Promo for "Simplemente Clasicos" (pop oldies) program "en Carve;" 44333 [JB].
- 850 VENEZUELA R. Fé y Alegría (YVZC), Maracaibo, 12 Nov, 0500 - Fair; IDs, romantic music, over unID stations on the south wire, WEEI Boston was dominant on the unterminated east wire [BC].  
 + 13 Nov, 0840 - Ads, ID as "Fé y Alegría, un corazon para Venezuela;" fair [JF].  
 + 16 Nov, 0944 - Strong signal, heard ID by woman in passing ad for "La Ruta de Bacalao" [JR].
- 860 BRAZIL R.CBN (ZYJ459), Rio de Janeiro, 12 Nov, 0505 - Excellent; "CBN Brasil" ID, "CBN Madrugada" program [BC].
- 860 VENEZUELA Enlace 860 (YVYE), Valle de la Pascua, 12 Nov, 0917 - Good; "Enlace 860" ID in the middle of a rustic vocal [BC].  
 + 13 Nov, 0957 - ID as "Desde Valle de la Pascua, Radio Enlace 860," LA music; poor to fair [JF].  
 + 16 Nov, 0945 - Gave local time as 5:45, then ID [JR].
- 870 PUERTO RICO WQBS, San Juan, 14 Nov, 0100 - Good; "Esta es WQBS, 870 kilohertz, San Juan, Ponce, Mayaguez, todos la gran cadena QBS" into bachata music [BC].
- 880 VENEZUELA R. Venezuela (YVYM), Puerto Ordaz, 14 Nov, 0035 - Good; Radio Venezuela network ID during fútbol, mention of stations in Bolívar, Carúpano, and Porlamar [BC].
- 890 BRAZIL R. Gazeta (ZYK690), São Paulo, 11 Nov, 2302 - Good; Gazeta jingle and promo for futebol, música, and informação, pop music [BC].
- 890 BRAZIL R. Planalto (ZYH706), Brasília, 11 Nov, 2259 - ID with call as a song, then ads; 33343 [JB].

- 895 ST. KITTS & NEVIS V. of Nevis, Bath Village, 12 Nov, 2117 - English commentary by man with Caribbean accent, ad for Caribbean Securities Exchange; fair [JF].
- 900 BARBADOS Caribbean Broadcasting Corp., Bridgetown, 13 Nov, 0845-0910 - BBC news magazine program, sign-on announcement at 0902 followed by national anthem, IDs as "CBC Radio," "CBC Newsbreak" at 0905 and sports news from 98.1 FM at 0907; good [JF].
- 900 VENEZUELA Ritmo 900 (YVMD), Maracaibo, 12 Nov, 0525 - Good; "hora Venezuela" time check on south wire, "Light Rock 900" CKDH dominant on unterminated east wire [BC].
- + 13 Nov, 0936 - Male announcer mentioning Venezuela and "Ritmo," Latin music, ads and IDs; poor [JF].
- 910 VENEZUELA RQ-910 (YVRQ), Caracas, 12 Nov, 0545 - Fair; "AM Center" ID, salsa music over an unID Brazil station [BC].
- + 14 Nov, 0028 - "en tu AM Center" ID, salsa music [BC].
- + 17 Nov, 0926 - "Ud. y sus Problemas" program, song and Xmas greeting with ID at 0930; 34343 [JB].
- 920 BRAZIL R. Franca do Imperador (ZYK584), Franca, 11 Nov, 0020 - 70's pops, "Rádio Franca" jingle; under Paraguay, 22332 [JB].
- 920 PARAGUAY R. Nacional (ZP1), Asunción, 11 Nov, 0032-0058 - Guitar music, ID and frequency announcement, into harp music; better than // 9737.86 kHz, which was a distorted, buzzy signal; 33333-2 [JB].
- + 14 Nov, 0257-0301\* - National anthem // 9736; poor under CJCH, Halifax [JF/BC].
- 930 URUGUAY R. Monte Carlo (CX20), Montevideo, 15 Nov, 0120 - Brief fade in with CJYQ-Newfoundland and CFBC-New Brunswick phase-nulled on Brazil and Africa wires; news from Washington, "Radio Monte Carlo" ID [BC].
- 940 BRAZIL R. Brasil (ZYJ453), Rio de Janeiro, 12 Nov, 0600 - Presumed; good with heavenly choral music, preacher in Portuguese, and organ music, no ID through the top of the hour [BC].
- 940 PUERTO RICO WIPR, San Juan, 14 Nov, 0037-0107 - Spanish talk about radio stations in Brazil, techno dance and pop music, ID as "Esta es WIPR en San Juan," news headlines; good [JF].
- + 15 Nov, 0109 - Talk about bad driving in Puerto Rico, fatal car crashes; 34443 [JB].
- + 16 Nov, 2255 - "Bayamon" and "Mayaguez" mentions [MC].
- 950 ARGENTINA unknown station, Buenos Aires, 15 Nov, 0540 - Tango music, uncertain ID, mention of Buenos Aires, "Hola Ciudad!" [JR].
- 950 CUBA R. Reloj, La Habana, 14 Nov, 0325 - Minute markers and RR code IDs through unID Latin American stations and CKNB-New Brunswick [BC].
- 960 VENEZUELA R. Llanera, Acarigua, 11 Nov, 0225 - Program promo, "Radio Venezuela" network slogan; 33332 [JB].
- 960 VENEZUELA unknown station, 16 Nov, 0947 - Man preaching, but also announcing the location of a meeting: "al centro comercial Mantegas (?), Calle Carlos Alberto de lado... en la Avenida Libertador," and "en el Borojón de Jaime" [JR].
- 970 BRAZIL Rede Pampa (ZYK201), Porto Alegre, 14 Nov, 0405 - Fair; "Pampa, Porto Alegre" ID with fanfare [BC].
- 980 BRAZIL R. Nacional (ZYH707), Brasilia, 12 Nov, 0135 - Good; time check and Nacional ID, nostalgic vocal [BC].
- + 12 Nov, 0655 - Excellent; "de Radio Nacional" and Radio Bras promo, Radio Nacional-Brasilia jingles [BC].
- 980 COLOMBIA RCN (HJES), Cali, 17 Nov, 0923 - News from "RCN;" 25332 [JB].
- 990 ARGENTINA AM 990 (LR4), Buenos Aires, 14 Nov, 0440 - Fair; "AM 990... de la famosa capital de la republica Argentina" and many "AM 990" IDs in talk [BC].
- 1000 VENEZUELA R. Caribeña, Morón, 16 Nov, 1000 - Mention of "Los Tigres" (baseball team), "Morón," "La Rumba Extrema," cafe ad, Puerto Cabello address [JR].
- 1010 BRAZIL R. CBN (ZYH625), Fortaleza, 16 Nov, 2050 - Reverberated Portuguese talk mentioning Fortaleza, local phone numbers; loud [MC].
- 1020 VENEZUELA Mundial Margarita (YVRS), La Asunción, 12 Nov, 0205 - Good; "Mundial Margarita" ID and time check, Hispanic pop music [BC].



- 1020.09 PARAGUAY R. Ñandutí (ZP14), Asunción, 11 Nov, 2341-0002 - Sports program, ads , IDs at 2351 and 2359; 44332 using USB to reduce QRM from 1020 [JB].  
+ 14 Nov, 0500 - Poor; "Radio Ñandutí, en Asunción" and many "en Paraguay" mentions [BC].
- 1030 ARGENTINA R. del Plata (LS10), Buenos Aires, 14 Nov, 0301 - News program and IDs; fair to good [JF].  
+ 14 Nov, 0525 - Good; "Nocturno del Plata" jazz music program, English jazz vocals [BC].
- 1030 BRAZIL R. Olinda (ZYI777), Olinda, 11 Nov, 2149 - Program promo, jingle ID, ads; 34433 [JB].
- 1040 BRAZIL R. Capital (ZYK537), São Paulo, 12 Nov, 0220 - Good; Capital ID with phone ringing, telephone talk [BC].  
+ 14 Nov, 0251 - Portuguese ID and pop music; good [JF].  
+ 16 Nov, 2258 - "Radio Capital, mas informação" jingle; excellent [MC].
- 1050 URUGUAY SODRE (CX26), Montevideo, 11 Nov, 0231 - Soccer discussion; 33322 [JB].  
+ 12 Nov, 0235 - Fair; "CX26" ID and web address, "Historia de Radio" program, 0255 web address, Montevideo and "nacional Uruguay" mentions, anthem and off leaving WEVD New York in clear [BC].  
+ 15 Nov, 0206-0215 - Bit of music, lots of telephone numbers, ID at 0213; big fades, 33322 [JB].  
+ 15 Nov, 0228 - "Montevideo ... una estación de Grupo Uruguayano," and at 0230 "CX26, SODRE, Montevideo, Uruguay" [JR/JF].
- 1060 MEXICO R. Educación (XEEP), Mexico, 14 Nov, 0308-0331 - Feature about Zapata, IDs at 0330; 33443 [JB].  
+ 15 Nov, 0919-0932, Classical music // 6185; deep fades so only heard for brief bits; poor [JF].
- 1070 VENEZUELA Mundial Zulia, 16 Nov, 1001 - Beautifully phased over CBA [JR].
- 1090 URUGUAY R. Imparcial, Montevideo, 14 Nov, 0505-0517 - Jingle ID, ads, nice ID over "Love's Theme" as "Desde Montevideo, Radio Imparcial;" good [JF].
- 1100 ANTIGUA Radio ZDK, St. John's, 13 Nov, 0847-0852 - Call-in show with listeners questions about health issues; time check for UTC-4 and mentioning that they would be returning at 3 am tomorrow morning; good [JF].
- 1110 ARGENTINA R. Municipal, Buenos Aires, 14 Nov, 0309 - "en noche porteña en... Buenos Aires" possibly the same station at 0601 with news and identification as "Tu Radio" [JR].
- 1110 UNID 14 Nov, 0600 - Good; 80's rock/pop music, "En la once diez, las noticias en dos minutos" news headlines, only "la once diez" IDs, perhaps R. Municipal [BC].
- 1110 VENEZUELA R. Carúpano (YVQT), Carúpano, 13 Nov, 0347 - Latin music and ID; fair [JF].  
+ 18 Nov, 0030 - Ad sting, ID before music; 34332 [JB].
- 1120 BRAZIL R. Rural (ZYK274), Porto Alegre, 11 Nov, 0059 - News, ID at 0102, 33332 [JB].  
+ 14 Nov, 0615 - Fair; quick "Rádio Rural" ID, accordion music [BC].
- 1130 BRAZIL R. Marajoara, Belem, 16 Nov, 0858 - ID, also mentions shortwave frequency [JR].
- 1130 BRAZIL R. Nacional (ZYJ460), Rio de Janeiro, 17 Nov, 0005 - "Nacional Informa;" 32432 [JB].
- 1130 URUGUAY R. Nacional (CX30), Montevideo, 15 Nov, 0403 - ID "desde Montevideo ...Radio Nacional ..." [JR].  
+ 16 Nov, 2359-0005 - Wins the Battle of the R. Nationals with luxury-item ads (wine, orthodontist...), slogan "1130 La Radio" and accordion music from 0003; 43433 [JB].
- 1150 ARGENTINA R. Brigadier López (LT9), Santa Fé, 14 Nov, 0436-0524 - Mainly phone calls, woman host, ads and IDs as "LT9;" 33333 [JB].  
+ 14 Nov, 0800 - "Transmite LT9, Radio Brigadier López... Santa Fé, Republica Argentina" with mention of two frequencies, over/under CBN-Brazil [BC]  
+ 15 Nov, 0501 - Full ID noted at top of hour, and also mention (I think) of FM [JR].

- 1150 BRAZIL R. CBN (ZYL283), Belo Horizonte, 14 Nov, 0505 - Faded up with "CBN" slogans; 32322 [JB].  
 + 16 Nov, 0342 - Promo for CBN news; 43343 [JB].  
 + 14 Nov, 0730 - Fair; promos/ads in Portuguese, CBN jingles [BC].
- 1160 ANTIGUA Caribbean R. Lighthouse, St. John's, 16 Nov, 2358 - "La Hora Hispana" (obviously in Spanish) ends, ID in English, pips and BBC news at 0000; 44444 [JB].
- 1170 BRAZIL R. Atalaia, Curitiba, 14 Nov, 0418 and 0459 - IDs heard [JR].
- 1170 BRAZIL R. Colméia (ZYJ363), Mandaguaçu, 12 Nov, 0400 - Mix of stations, but an unequivocal "Colméia" ID emerged; 32332 [JB].  
 + 14 Nov, 0820 - Promo/ad with Colméia mention, clear "Rádio Colméia" ID [BC].
- 1170 BRAZIL R. Difusora (ZYJ598), Mossoró, 14 Nov, 2045 - Fading in with talk of Mossoró; 24333 [JB].
- 1170 URUGUAY Radiomundo (CX32), Montevideo, 16 Nov, 2356 - Religious programming, report from a street in Montevideo, ID before fade; 33423-2 [JR/JB].
- 1180 CUBA R. Rebelde, Villa Maria, 12 Nov, 1013 - Fair; news with Rebelde IDs through WHAM Rochester, New York [BC].
- 1190 ARGENTINA R. América (LR9), Buenos Aires, 11 Nov, 0218 - ID and interviews; 43333 [JB].  
 + 14 Nov, 0701 - Good; classical music, "Desde Buenos Aires, capital de la República Argentina, transmite Radio América" and "Radio América Informa" news [BC].
- 1200 BRAZIL Ceará R. Clube (ZYH585), Fortaleza, 12 Nov, 0357 - Sports report, pop music, ID; 33342 [JB].  
 + 13 Nov, 2100 - Good; rustic music, "ZYH585, 1200 kilohertz, Ceará Rádio Clube, Fortaleza, Ceará" into news [BC].
- 1230 BRAZIL R. Guararema, 15 Nov, 0704 - News, multiple mentions of "Rádio Guararema" [JR].
- 1250 BRAZIL R. Metropolitana (ZYL367), Vespasiano, 17 Nov, 0104 - ID over CBGA; 33322 [JB].
- 1260 BRAZIL R. Morada do Sol (ZYK688), São Paulo, 16 Nov, 0000 - Huge ID at top of hour; 44444 [JB].  
 + 16 Nov, 2201 - Another gorgeous ID; 33343 [JB].
- 1280 BRAZIL Super R. Tupi (ZYJ455), Rio de Janeiro, 15 Nov, 2354 - Tupi ID; huge [MC].
- 1310 MARTINIQUE RFO, Fort de France, 17 Nov, 0937 - Tentative; bits of French talk; more interesting was the unIDed station in Portuguese interfering! 22431 [JF/JB].
- 1330 BRAZIL Eldorado AM Stereo, Natal, 11 Nov, 2200 - "Eldorado AM Stereo" ID and Natal mention, light music, mixing with an unID Brazil religious station [BC].
- 1330 BRAZIL R. Tupi (ZYK736), Osasco, 10 Nov, 2259 - Accordion music, announcements, ID mentioning São Paulo and then more folk music; 34332 [JB].  
 + 14 Nov, 0526-0609 - Ballads, jingles, "Super Rádio Tupi, São Paulo" ID with call at 0607; 43433 [JB].  
 + 16 Nov, 2338 - ID noted in mess [JR].
- 1370 PUERTO RICO WIVV, Vieques, 15 Nov, 0259 - English ID during break in religious programs [JR].
- 1390 BRAZIL "R. Parau," Santa Clara RN, 17 Nov, 2031-2102 - Lots of music, could not understand IDs until became stronger around 2100, location determined from ID; initially 25332-1, later 34333 [JB].
- 1400 GRENADA Harbour Light of the Windwards, Carriacou, 11 Nov, 2300 - Religious drama over CBG; 33343 [JB].  
 + 12 Nov, 2209 - BBC news; poor under CBG [JF].  
 + 15 Nov, 2347 - Preacher; over CBG on south wire [MC].
- 1420 BRAZIL R. Guarujá (ZYJ754), Florianópolis, 13 Nov, 2300 - "Rádio Guarujá" ID and theme song over unID stations [BC].
- 1430 BRAZIL R. Clube Paranaense, Curitiba, 16 Nov, 0039-0102 - Ads, music with nice accordian accompaniment, full ID with powers, frequencies at 0101 then new program of "informações;" good [JF].
- 1450 BERMUDA VSB1, Hamilton, 12 Nov, 2132 - "Bermuda weather;" 44444 [JB].

- + 12 Nov, 2134-2202 - Music, business news at 2137; "The Caribbean Today" live from Barbados sponsored by the Department of Community Affairs; woman announcer read the news for the CNC Radio News Team, ad at 2159 mentioned "Night Talk, Bermuda's late night talk show;" ID as "You are listening to VSB1, 1450, Hamilton, Bermuda;" good [JF].
- 1450 BRAZIL R. Feliz (ZYJ503), Santo Antônio de Pádua, 11 Nov, 2118 - Mix of Brazilian stations, this one with religious talk IDed conveniently as other stations faded down; 33342 [JB].
- 1450 VENEZUELA R. Informativa, Puerto de Altigracia, 16 Nov, 0903 - ID follows Venezuelan anthem, "... 14-50 presentó la cuadro crimina, una programa ...", ad for "light bulbs" [JR].
- 1460.04 BRAZIL R. Clube, Parintins, 17 Nov, 0856-0930 - Tentative; a station was noted off frequency here most of the week, but at this very late hour I heard mention of "Amazonas," which is the western region of the country [JR].
- 1470 BRAZIL "1470 AM", 14 Nov, 2104 - Portuguese program, may have also mentioned "radiodifusora" or "radiodifusion" [JR].
- 1470 URUGUAY R. Cristal del Uruguay (CX147), Las Piedras, 17 Nov, 0010 - Series of speakers (with applause) at a public meeting, mentions of "Ciudad de Montevideo," "Turismo en Uruguay," ID finally heard at 0043 [JR].
  - + 17 Nov, 0039-0045 - Speech to car enthusiasts, two IDs around 0044; 33333 over R. Vibración [JB].
  - + 17 Nov, 0050-0056 - News mentioning Uruguay, ID [JF].
- 1470 VENEZUELA R. Vibración (YVSY), Carúpano, 11 Nov, 0443-0506 - "Unión Radio Noticias" without any local ID (that I could hear); 34342 [JB].
  - + 17 Nov, 0830 noted with "Radio Noticias" and "Unión Radio Noticias" slogans [JR].
- 1480 PUERTO RICO Sonido 1480 (WMDD), Fajardo, 16 Nov, 2352 - Talk mentioning Mayaguez and other Puerto Rican cities; dominant over WSAR [MC].
- 1520 BRAZIL unknown stn, 11 Nov, 0157-0213 - Relay of R. Nacional (980 kHz); 33323-2 [JB].
- 1520 PUERTO RICO R. Voz, San Juan, 15 Nov, 0112 - ID between salsa selections [JR].
- 1540 BRAZIL R. Sant' Ana (ZYH611), Tianguá, 11 Nov, 2049-2102 - Ads strings, sports, many IDs; 33333, wonder why this Ceará station had escaped attention before [JB].
- 1550 BOLIVIA R. Caranavi, 16 Nov, 0918 - While trying to dig an ID out of the Venezuelan I realized that I was listening to this Bolivian, with some sort of inspirational morning talk, including two IDs, followed by a chorus of children singing an Andean tune, faded soon after, so in for about eight minutes; it may have been back at 0937 with a children's chorus; WRTH indicates an 0930 sign-on, but this was obviously on earlier [JR].
- 1550 BRAZIL R. Guaruja Paulista (ZYK590), Areira Branca, 12 Nov, 0345 - Program promo, ID, romantic music; 34332 [JB].
- 1550 VENEZUELA R. Metropolitana, Los Teques, 16 Nov, 0856 - Venezuelan anthem, then a state anthem; after the Bolivian faded in and out a distinct ID was heard on this one [JR].
  - + 17 Nov, 0409 - Sign-off with national and state anthems (Mark heard announcer mention "Los Teques") [JR].
  - + 17 Nov, 0903 - Sign-on as before [JR].
- 1550.18 UNID 17 Nov, 0120 - Het [MC].
- 1559.97 BRAZIL R. Educadora, Santa Teresa, 11 Nov, 2102-2106 - Two clear IDs, telephone chat and mellow pop music; 33232 [JB/BC].
  - + 16 Nov, 0036-0102 - Mainly talk, two "Educadora" IDs at 0047, ID at 0100 gave location as Santa Teresa and Rio Grande do Norte state; 33333 [JB].
  - + 16 Nov, 0100 - Unlisted station heard with full ID, maybe this was the same station playing Portuguese versions of "California Dreaming" and "Silence Is Golden" [JR].
- 1560 URUGUAY R. Maldonado (CW51), 16 Nov, 0057 - Fade up for "Maldonado" ID; 32242 [JB].
- 1570 BRAZIL R. Emissora ABC (ZYK651), Santo André, 16 Nov, 0115 - Jingle ID; 34333 [JR/JF/JB].

- 1570 BRAZIL R. Sertão, 17 Nov, 2225 - Tentative; sounded like this ID, plus references to Ceará [JR].
- 1580 VENEZUELA unID station, 17 Nov, 0949 - Likely YVTK; caught part of network list mentioning "1580" and "Manzanares" (Cumaná), followed by strings and flute [JR].
- 1590 BRAZIL R. Duque de Caxias (ZYJ485), Duque de Caxias, 16 Nov, 0058 - Up briefly with ID; mainly domestic QRM; 23332 [JB].
- 1590 URUGUAY R. Real (CX159), Colonia, 16 Nov, 0018 - Telephone numbers, Uruguayan and local (Colonia) news; 34322 [JB].
- 1590.6 UNID 16 Nov, 0100 - Het, probably from Brazil; best on south Beverage [MC].
- 1610 ANGUILLA Caribbean Beacon, The Valley, 17 Nov, 0058 - // 6090 with gospel music; good [MC].
- 1660 PUERTO RICO WGIT, Canovanas-Moca, 17 Nov, 0215 - Political speech to "el pueblo puertoriquense;" dominant on south wire, mixed with NJ & FL on Euro-Bev [MC].

### Commentaries from the DXers

Bruce Conti - While I was conducting an interview for the National Radio Club's DX Audio Service, Jim Renfrew reversed roles by asking me, "Why do you come to Newfoundland for a DXpedition?" My immediate response spoke of the camaraderie, and the opportunity to learn about potential targets for DXing at home. It's just plain fun to be with fellow DXers in what otherwise is often a solitary hobby, and I left this DXpedition wondering if some of the stations from deep South America that we heard could be possible at home. Toying with Beverage wires is another aspect of a Newfoundland DXpedition that I don't get to experience anywhere else. Of course, I also enjoyed the clear signals, sometimes finding myself distracted from the job at hand, instead preferring to pass the time listening to interesting or entertaining music from the likes of Virgin Radio, France Bleu, Netherlands' Radio 10 FM, RTM Morocco, RAI Italy, Brazil's Radio Nacional, and local Radio Newfoundland CJYQ while awaiting the top of the hour to catch the next DX station identification. After further reflection, I realized that the reason for participating in a DXpedition at a remote location like Cappahayden, Newfoundland can't be that much different than for a Mount Everest expedition. Why do I do it? Because it's there. I'm drawn to the challenge of an exotic DXpedition in the same way that a mountain climber seeks to conquer the highest peaks.

Having said that, I believe that both individually and as a group, another Newfoundland DXpedition has been conquered. This DXpedition was highlighted personally by the reception of many signals I don't recall ever hearing before; a nice opening to Iran, Big Ben chimes from Libya, and all the low-power UK local stations. Jim Renfrew gave me the WAB award after I worked all of Belgium's medium-wave outlets in one night, including the three Radio Traffic Plus stations. Jim should get the award for being the most determined DXer, often at the dials from dusk to dawn, catching Bolivia and Iceland in the early morning hours while the rest of us were sleeping. Mark Connelly put in the extra effort to make sure John Fisher and I were prepared for some remote DXing at the quarry site with a Beverage aimed directly at southern Africa. Unfortunately, the conditions didn't cooperate; a lack of African signals the only low-light. Our intrepid host Jean Burnell should also be recognized for erecting two Beverage wires solo in the driving rain prior to our arrival. By the way, uncharacteristically calm and mild weather for November meant no weather related stories to tell from my seven-day stay, unlike previous Newfoundland DXpeditions. After an overnight rain, crossing the swollen "Kazaross River" to service the Europe Beverage posed only a minor challenge while a harbor seal seemed to watch in amusement.

Before departing, John Fisher and I toured Signal Hill in honor of the 100th anniversary of Marconi's famous milestone, after making one last stop at what became the official DXpedition restaurant, "The Riverside" in Cape Broyle. The pan-fried cod there was excellent, but I just had to try the moose before leaving "The Rock" as Newfoundland is appropriately nicknamed on CHOZ "The Rock of the Rock, OZ FM." At least now I can say that I've tasted it (Why? Because it's there.), and I'll leave it at that as I reminisce this and past DXpeditions while looking forward to the sounds and tastes of those to come.

Jim Renfrew - Just getting to Cappahayden proved to be the biggest challenge of this DXpedition. I had hoped to arrive just after midnight on Monday, November 12. Two flights were canceled and rescheduled during the preceding week. Finally on Friday my airline, Canada 3000, went bankrupt. I was fortunate to get a new flight on Air Canada, but now I would not reach Cappahayden until Tuesday night (and still no word on whether I would ever get any kind of refund on the cancelled flight).

By the way, I had been dreading airline security in Toronto because of all the equipment I was carrying, but the checker seemed fascinated when I demonstrated the Drake's operation, and I actually had to pull away when he became very conversational after I had mentioned Marconi as the inspiration for our project. He didn't even give the Quantum Phaser and other strange-looking electronic items a second look. As always it was nice to get reacquainted with the other participants, all of whom I'd met on previous visits.

Although others were of the mind that conditions were not all that great this year, I had at least a few noteworthy receptions, among them Radio Caranavi, Bolivia on 1550 (a new country for me) and AFN Keflavik on 1530. The others missed out on these because they had decided to put sleep ahead of DX! Although Africa was a special target at our remote "Gravel Pit" site, we had very poor results - certainly not helped by the 1000 meter wire which was unknowingly "moosed" before the second night, leaving only 200 meters, as Jean discovered later when he tried to bring the wire in. In spite of that, I relogged the Angolan on 1484.55, including one burst of signal that was of local quality. As someone has said, or should have said, "a bad day of DX'ing is better than a good day at work!"

Unlike the other participants, I decided to give serious attention to longwave beacons, having unwittingly logged a few of them the previous year, and was richly rewarded with stations from Greenland, Iceland, France, Iberia, the Caribbean, Guyana, Argentina, and Brazil. A list of longwave beacons heard by Ken Alexander and Jacques D'Avignon, DX'ing from New Brunswick in September, was an invaluable help in these efforts.

On Sunday morning I went outside in the freezing wind to watch the Leonid meteor shower. I had patience for about ten minutes in the cold, but the sky was clear and the show was fantastic. If I'd had the energy, I should have gone out to Jean's car to check for meteor skip on FM, as there are only a half dozen stations audible most of the time in any part of Newfoundland.

I had the privilege of bringing in the European wire on Sunday morning, only to have the wire break in at least three places, almost exactly in the least accessible cliff-side spots. The problem was caused when I walked the wire to free it from all the branches Jean had set it on, except for the one inaccessible tree where (I discovered later) he had actually knotted it to the tree trunk, and when I pulled the wire it came apart. The local man on the beach must have had every suspicion he ever had about Americans confirmed as he watched me scrambling up and down the cliffs looking for wire! In the absence of Pablo (my dog back home), the local representative of the retriever breed, Ubu, proved to be a faithful campaigner in following me every step of the way along the cliffs! My wire-work was not a complete disaster, however, as earlier in the week when I checked the length of the Brazil wire I actually found John's missing camera, not even knowing that he had lost it!

I remained in Newfoundland for two days after the last wires were brought in. With Jean and his children, I attended a CBC Open House, marking the 100th Anniversary of Marconi's effort. In one room they had a guy demonstrating Morse Code, and it was treated by the crowd like a horse and carriage phenomenon. I smiled to myself, because I had spent the past week deciphering Morse signals on longwave! We also took a ride up Signal Hill where Marconi heard the first trans-Atlantic signal. Please note: he didn't transmit the signal, he DXed it!

Since Jean's wife was out of town I was able to make use of her car on a beautiful clear day and drive all the way to Placentia, and then the Ecological Preserve at the southwestern end of the Avalon Peninsula. I tried for some FM signals from Nova Scotia at that place, but no luck. I finished my drive with a visit to the park on Cape Spear, the easternmost point in

North America. I arrived there near sunset. Although Stephanie's radio was not of DXpedition quality, its extra-wide channel width was actually a good thing because it allowed me to hear all of the European powerhouse signals on the "even" channels (like Spain on 850 or 860). A final successful task before heading to the airport was to stop in at the office of NTV and OZ-FM to look into two unanswered QSL letters from the summer.

The hardest part of any DXpedition is returning home, because the reception situation is so poor by comparison. In order to complete my written report I have to listen to nine cassette tapes of the stations I heard, hardly any of them has ever been heard here at home. However, I do have the inspiration of a DXP-4 Phaser which I obtained from Mark, and I have been putting it to good use. I am planning to run a wire to the east across the road to give me a bit more edge in getting some TA's. And how about this ... Pablo joined me in the corn field as I was stretching out wire today, and he quickly learned to patrol the perimeter and to flush out any potential wire-eating varmints. And why not, he's from Labrador!

Thanks to Jean and his family for helping this whole thing happen, for the hospitality of their home, and the use of a car!

Mark Connelly - Soon after DXpedition #9 ended in October, 2000, plans were already on the drawing board for the 2001 effort. This one would be special because of its coinciding with the 100th anniversary of the first Transatlantic DXpedition: Guglielmo Marconi's reception of the Morse letter S (...) sent from Poldhu, Cornwall, England to his receiving site in St. John's, Newfoundland. The first medium-wave Newfoundland DXpedition, in November, 1991, celebrated the 90th Marconi anniversary. Neil Kazaross, Jean Burnell, and I were the "co-conspirators" for that initial outing. I've been on a number of these DXpeditions over the ten ensuing years but, in some ways, that first one had the most "magic" to it.

Early 2001 was rough for me and my family as my mother passed away after a lengthy deterioration of health. My frequent visiting trips to Cape Cod, which usually included DX, came to an end when my brother and I sold my mother's house. Spring arrived and I managed to get some DX done on after-work outings to the shore. Plans were starting to come together for NF DXpedition #10 to be held in November. With the Marconi 100 connection, it was looking to be a very well attended one, perhaps the biggest ever. In August I booked my roundtrip flight and my anticipation grew following some good Summer 2001 DX outings (including a great Boston Area DXers "DX Clams" get-together in Rockport, MA). I'd been experimenting with antennas and receiving accessory "toys". Neil Kazaross and John Bryant had published some outstanding designs I'd played with at East Harwich in late August. I was eager to try these in the supercharged DX environment of Cappahayden, Newfoundland. DXpedition plans were moving forward at a smooth pace.

September 11 started as a regular day at work like any other. But then the news of the terrorist attacks came. Everyone was shocked. The following week was heart-wrenching. Air travel was suspended for many days. Jean Burnell and I corresponded via e-mail: he told me of many travellers bound for the USA from Europe who were detoured to Newfoundland. Thousands of people were in St. John's wandering through town and even sleeping in school gyms. The whole idea of a DXpedition requiring most of its participants to fly in order to reach it was looking shaky. Several would-be participants bailed out immediately. The rest of us seemed to be on-again off-again, based on the latest round of either good or bad news. By October, things were starting to settle down, although Air Canada continued talking about schedule reductions. A week before my departure for the DXpedition, there was a plane crash in New York; soon it became apparent that its cause was accidental. My departure day came and, although I still had a less than fully comfortable feeling about flying and I knew that airport security was going to be different, I'd pretty much dismissed my September fears of something devastating happening at home during a few days away. I sent a box of DX gadgets to Jean ahead of time: no need to get held up at the airport trying to explain homebrew phasing units.

Once things got going, this year's DXpedition experience actually went better than some of

my previous ones. No baggage was lost, the rental car arrangement was smooth, and the weather was improved despite a mid-November DXpedition this time versus late-October last year. On the flight, I went over medium-wave and tropical-band lists with the idea of capitalizing on any deep African openings that might occur. I arrived at Cappahayden during the evening of Thursday 15 November. Jean Burnell, Jim Renfrew, Bruce Conti, and John Fisher were busy at the dials. They'd been doing well over the previous few days. As well as conditions would allow anyway. After an October characterized by some major auroral activity, November was settling down into more of a mid-range of conditions: tolerably decent DX but no splendid high-latitude conditions to bring Scandinavians to the American Midwest, nor super-auroras to knock out everything but deep Africans and South Americans. I set up my Drake R8A and phasing unit in the shack room that was the "domain of the Drakes" once again.

An important part of this and every other DXpedition is renewing friendships and making new ones. This time I met John Fisher for the first time. In light of all that's been going on, good conversation often seemed more important than the DX itself. After all, I've done a lot of solo DXing from the car. I do see Bruce Conti from time to time at the local BADX meetings and outings. The other guys are usually known to me via e-mail. In-person meetings, especially in the company of receivers stoked with good DX, give the hobby another dimension of appeal. Lunches at the fish restaurant in Cape Broyle and group antenna work sessions helped to foster a team spirit.

Much of the DX I heard wasn't all that different from what I'd get on a really good night on Cape Cod. Conditions to deep Africa really never reached the quality I'd anticipated. What was much better than home DX was the bumper crop of British locals. They made up for some of the other conditions shortcomings. These stations, often 1 kW or less, are seldom heard in Massachusetts. On channels like 1485 and 1584, they're almost always buried by Spain at sites close to home. The British locals actually had programming that was entertaining: a decided plus ... considerably more exciting than Brazilian preacher stations, for instance. In the entertainment category, of course, local Newfoundland radio, particularly CJYQ-930 with its Celtic-tradition "Newfoundland music," provided special enjoyment.

On Friday morning (or early afternoon), Jean, John, and I rolled out a 1 km African Beverage (120 deg. bearing) in a somewhat-wet meadow and scrub-spruce woodland near the rock quarry 5 km south of the DX Inn. On Saturday afternoon, well before sunset, Jim Renfrew and I DXed from the car at this Beverage. The Angolans, Gambia, and other Africans were reasonably good (though these were stations I'd also heard at Duxbury, S. Orleans, and S. Yarmouth, MA on good "Afro-nights"). Conditions weren't "popping" for South Africa. Lesotho-1197 and Botswana-909 had been heard earlier in the DXpedition, but by the time I got there, things had deteriorated. Still, it was fun to DX in the car with esteemed IDXD editor Jim Renfrew. He'll have to do this with the BADX group at Rockport sometime. Jean Burnell went out to retrieve the Beverage Saturday evening. He noticed a break part way along its length, probably caused by a wandering moose. If the break had occurred before Jim and I DXed, Africa-pulling performance would have been compromised. Absent from this year's DXpedition was Neil Kazaross. A bout of the flu, more than terrorism



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