<table>
<thead>
<tr>
<th>Inside ...</th>
<th>CPC Test Calendar</th>
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</thead>
<tbody>
<tr>
<td>2. AM Switch</td>
<td>WJNT MS 1180 Sept. 30 0100-0200</td>
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<tr>
<td>4. DDXD</td>
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<td>12. IDXD</td>
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<td>23. Formats</td>
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<td>27. Target DX</td>
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<td>29. DX'er's Notebook</td>
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<td>33. V.67 Index</td>
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<tr>
<td>34. GYDXA-1490</td>
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<tr>
<td>39. Pro Sports Nets</td>
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<tr>
<td>44. Old Farmer's Almanac Net</td>
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<tr>
<td>47. Musings of the Members</td>
<td></td>
</tr>
</tbody>
</table>

Michael McGowan, Ondalago, NY; Dan Novotny, Phillips, WI; Chuck Rippel, WA4HHG, Chesapeake, VA (rejoins); Neil T. Kazaros, Barrington, IL (rejoins); Mike Cook, Fortville, IN; John Bergeron, Cape Elizabeth, ME; Paul Yount, Jr., New Castle, CO; and Dale R. Franks, Barberton, OH.

**DXN Publishing Schedule, Volume 68**

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<thead>
<tr>
<th>Iss.</th>
<th>Deadline</th>
<th>Pub. Date</th>
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<tr>
<td>1.</td>
<td>Sept. 22</td>
<td>Oct. 2</td>
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<td>2.</td>
<td>Oct. 5</td>
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<td>Nov. 5</td>
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<td>Jan. 12</td>
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**DX Time Machine**

*From the pages of DX News.*

50 years ago ... from the September 2, 1950 DXN: Al Bartholomew, Addison, NY, reported that he had verified 34 new California stations during the 1949-1950 DX season, along with 7 from Washington and 4 from Oregon ... from the September 23 DXN: The reports from a number of members included comments on the "swell" and "great" convention in Buffalo, NY, over the Labor Day weekend, with special mention by Ralph Johanns of the beer and spaghetti.

25 years ago ... from the September 15, 1975 DXN: Charles A. Wolf took over editing what is now known as "DXDX" from Bob Karchevsky, and John C. McComan, Jr., took over DX Exchange editing duties from Bob Speared ... from the September 29 DXN: The main feature in this DXN was the Connecticut Convention story, complete with the unforgettable photo of TDB (The Dead Bus) and Ron Musco nearby ...

10 years ago ... from the September 24, 1990 DXN: The Pittsburgh NRC convention was one topic of discussion in this DXN.
AM Switch
Jerry Starr w8je@yahoo.com
/ WHOT Radio
4640 Simon Road
Youngstown, OH 44512-1320

Status changes in AM stations, supplied by the FCC and listeners

CALL LETTER CHANGES

<table>
<thead>
<tr>
<th>Old call</th>
<th>New call</th>
</tr>
</thead>
<tbody>
<tr>
<td>620 KRDY CO Grand Junction</td>
<td>KSTR</td>
</tr>
<tr>
<td>670 WMAQ IL Chicago</td>
<td>WSCR</td>
</tr>
<tr>
<td>850 KBET CA Thousand Oaks</td>
<td>KACD</td>
</tr>
<tr>
<td>940 KFRE CA Fresno</td>
<td>KWRU</td>
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<tr>
<td>970 WLKY KY Louisville</td>
<td>WGTK</td>
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<tr>
<td>1107 WXYZ SC San Souci</td>
<td>WXXZ</td>
</tr>
<tr>
<td>1380 WALD NC Walterboro</td>
<td>WOTA</td>
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<tr>
<td>1160 WSCR IL Chicago</td>
<td>WXRT</td>
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<tr>
<td>1240 WMIZ TN Knoxville</td>
<td>WTXM</td>
</tr>
<tr>
<td>1250 KGMM KS Kansas City</td>
<td>KXTR</td>
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<tr>
<td>1290 WMMG CT Westport</td>
<td>WSHU</td>
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<tr>
<td>1310 WOOW PA Bedford</td>
<td>WBBF</td>
</tr>
<tr>
<td>1360 WMNS NY Olean</td>
<td>WOEN</td>
</tr>
<tr>
<td>1380 WKDM NY New York</td>
<td>WNNY</td>
</tr>
<tr>
<td>1440 WWTM MA Worcester</td>
<td>WVEI</td>
</tr>
<tr>
<td>1450 WKZQ SC Myrtle Beach</td>
<td>WYR</td>
</tr>
<tr>
<td>1450 KCTI TX Gonzales</td>
<td>KQOT</td>
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<tr>
<td>1480 WODX FL Marco Island</td>
<td>WIXI</td>
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<tr>
<td>1540 KISA HI Honolulu</td>
<td>KREA</td>
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<tr>
<td>1550 KUAT AZ Tucson</td>
<td>KUAZ</td>
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<tr>
<td>1550 WOJC PA Bedford</td>
<td>WUPR</td>
</tr>
<tr>
<td>1550 WKQV PA Pittston</td>
<td>WITK</td>
</tr>
<tr>
<td>1600 WNNY MD Rockville</td>
<td>WKDM</td>
</tr>
<tr>
<td>1600 WBFD PA Bedford</td>
<td>WHB</td>
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<tr>
<td>1650 KGCL CA Torrance</td>
<td>KFOX</td>
</tr>
<tr>
<td>1660 WMIB FL Marco Island</td>
<td>WRQ</td>
</tr>
<tr>
<td>1700 *New AL Huntsville</td>
<td>WEUV</td>
</tr>
</tbody>
</table>

APPLICATIONS / GRANTS FOR NEW STATIONS

None

APPLICATIONS FROM EXISTING FACILITIES

<table>
<thead>
<tr>
<th>Old call</th>
<th>New call</th>
</tr>
</thead>
<tbody>
<tr>
<td>570 WDTF NC Raleigh: 1000/52 U1</td>
<td></td>
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<tr>
<td>630 WDGY WI Hudson: 1000/200 U4</td>
<td></td>
</tr>
<tr>
<td>700 KGRV OR Winston: 23000/470 U1, consolidate day and night transmitter sites</td>
<td></td>
</tr>
<tr>
<td>1040 KLIJT HI Honolulu: 10000/10000 U1</td>
<td></td>
</tr>
<tr>
<td>1160 WKGE CA East Point: 50000 D3</td>
<td></td>
</tr>
<tr>
<td>1170 KCBQ CA San Diego: 50000/4500 U4, consolidate day and night transmitter sites</td>
<td></td>
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<tr>
<td>1190 KCBW MO Desoto: 10000 D3 (the FCC shows the call here as KRFI, but we have no record of this change)</td>
<td></td>
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<tr>
<td>1340 WXXR AL Cullman: 6700/670 U1 (antenna to 334 feet)</td>
<td></td>
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<tr>
<td>1510 KMRF MO Marshfield: 1000 (5000 CH) D6 (higher CH power is unusual but appears to be correct)</td>
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<tr>
<td>1520 WNWS TN Brownsville: 152 D1</td>
<td></td>
</tr>
<tr>
<td>1530 WVOZ PR San Juan: modify CP to show 2500/9500 U7</td>
<td></td>
</tr>
</tbody>
</table>

GRANTS TO EXISTING FACILITIES

<table>
<thead>
<tr>
<th>Old call</th>
<th>New call</th>
</tr>
</thead>
<tbody>
<tr>
<td>710 KXXR ND Bismarck: relocate transmitter</td>
<td></td>
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<tr>
<td>950 KEOE IA Davenport: relocate transmitter</td>
<td></td>
</tr>
<tr>
<td>1030 KLLU OR Reedsport: 50000/630 U1</td>
<td></td>
</tr>
<tr>
<td>1090 WMUS MI Muskegon: relocate transmitter</td>
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</tbody>
</table>

OTHERNES

540 KKKG KA Costa Mesa: license CANCELLED, call DELETED at licensee's request
550 WAGL AL Atmore: silent station is ON THE AIR, CP for 25000/143 U1 is on
550 WSUW WI Wausau: application for 15000/20000 U4 is DISMISSED
590 WWLX TN Lawrenceburg: station is SILENT
710 WEPA MS Eupora: license CANCELLED, call DELETED at licensee's request
800 KQCV OK Oklahoma City: CP for 2500/1000 U4 is on
810 WCYK VA Crozet: license CANCELLED, call DELETED at Licensee's request
830 WTRU NC Kernersville: station is SILENT
860 WRFB FL Cocoa: license CANCELLED, DELETED
1030 WQNO AL Vernon Hills: CP for 50000 (3200 CH) D3 is on
1140 KSDD AK Soldotna: station is SILENT
1140 WMQI FL Orlando: CP for 5000 D1 from new site is on
1150 WLOC KY Munfordville: CP to relocate transmitter is on
1150 KSRB WA Seattle: CP for 10000/6000 U2 is on
1190 KMFX MN Wabasha: station is SILENT
1210 KPRZ CA San Marcos: CP for 20000/10000 U4 is on
1220 WQSA FL Sarasota: silent station is ON THE AIR
1230 WTJN IN Tell City: CP for 850/850 U1 is on
1250 KWSN SD Sioux Falls: CP for 440/440 U1 from new site is on
1290 CKXK BC Chilliwack: CP to move to 103.9 is on (corrects FM frequency from last issue)
1300 KLAR TX Laredo: CP for 10000/80 U1 is on
1320 KSDT CA Hemet: station is SILENT, will return "this fall"
1320 WISW SC Columbia: application for 50000/4500 U2 is DENIED
1330 WANG NC Havelock: CP to relocate transmitter is on
1370 WBYE AL Calera: station is silent, will return to new site is on
1390 WQML FL Avon Park: silent station is ON THE AIR
1400 WPRY FL Perry: silent station is ON THE AIR
1460 KTXT CA Salinas: CP for 10000/10000 U3 is on
1460 WBTC WV Buckhannon: CP for 5000/25 U1 is on
1470 WWBC NC Greensboro: CP for 5000/5000 U4 is on
1470 WJFB PA Portage: silent station is ON THE AIR
1500 KAYA BC Duncan: CP to move to 89.7 FM is on
1550 KQWB ND West Fargo: station is SILENT, appears to have moved to their new X-band assignment on 1660
1550 KQWS FL Navasota: application for 4000/500 U4 is DISMISSED
1620 KBLL ID Blackfoot: new station is ON THE AIR
1660 KQWB ND West Fargo: new station is ON THE AIR
1700 WEUV AL Huntsville: new station is ON THE AIR and relaying WEUP-1600

It was good to see old friends again and fun to make new ones at the Lima Convention, and thanks to Fred Vobbe for a super job; both Buff and I had a great time. We'll see you next year in Pittsburgh. Heck, we can even commute to that one.

73 and Good DX Jerry Starr & Buffalo K. Foonman
West: Bill Hale phantom2@eaze.net
6124 Roaring Springs Drive - North Richland Hills, TX 76180-5552

East: Michael Shaw thousandslands@mediacone.net
25 Track Ct Apt 14 - Beverly MA 01915-5770

**DX Catches in the U. S. and Canada, with 24-br. ELT**

**DDXD-West**

**MEDIUM WAVE RAMBLINGS**

- We welcome first-time reporter Larry Godwin of Missoula, Montana. Another rare 'voice' from the West is heard from again!
- Some TIS/HAR items from Gary Jackson are straight from John Schmidt, Director of Cal Trans Traffic. Gary also notes he just received a QSL certificate from XEUT-1630.
- Tim Hall, after garnering more X-Banders, says: “This puts me at 27 out of 34 on the X-band (28 if I can ID KAZP). Would you like to hear WEPJ/WOU-1700, as I never got WPSC-1620 when they came on (too much interference from San Diego State station ‘KCR’, which has since lowered its output dramatically).” Shawn sez: “Two new ones not bad for August. Conditions seem to be getting better which can only mean one thing here... winter is coming... ahhhhhh!!” And later Shawn writes: “Well two new ones on the first weekend of the new season... not bad. Too bad KQJD came on before the other stations on the frequency came on. Will make it harder to hear them... but then again the hobby is about hearing hard to get stations.”
- Thanks to Frank Aden for e-mailing a picture of the exterior of the building, with sign, of CIYR-1250 Hinton and CKYR-1450 Jasper, Alberta he took while on vacation. Their side of the building says “Yellowhead Broadcasting, Ltd.” whereas the other side says “Yellowhead Travel”.
- MORE X-Banders hit the airwaves. And you can say you heard it first here (thanks to our reporters)! See below.
- Loggings are down, as Station News and Notes gets most of our ink ration this edition. Next issue is the start of the new Volume Year for DX News. The DDXD-West deadline is September 20th, at exactly 1800 hours on my Timex. Let’s hear from y’all!

**REPORTERS**

**FA-ID**
Frank Aden Boise <fa5i0ck@aol.com>

**SA-MB**
Shawn Axelrod Winnipeg Icom ICR-70 & Drake R8 + 4 Foot Unamplified Box Loop / Quantum Loop, 145’ outdoor wire, 100’ indoor wire, MFJ 1026 Phasing Unit <saxelrodmb@sympatico.ca>

**LG-MT**
Larry Godwin Missoula Hammarlund HQ-150 + Sansenino air-core box loop + Kiwa loop <LgGodwin@emt.edu>

**TRHC-CA**
Tim Hall Chula Vista ICF-2010, KWIA Loop <halls@inetworld.net>

**GJ-CA**
Gary Jackson Sacramento FRG-8800 + Kiwa Loop

**CR-IL**
Christos Rigas Wood Dale R-2000, ICF-2010, Kowalski Loop <crigas@birincm.com>

**JWR-WI**
John J. Rieger South Milwaukee DX988 stock, Icom ICR-870, Kiwa loop, MFJ958B Tuner / preamp <johnniejrieger@webtv.net> or visit at <http://dxmidamerica.com/>

**KR-AZ**
Kevin Redding Mesa Optimus 12-604A; GE Superadio II barefoot; original GE Superadio; Kenwood R-1000 and SM-2 antenna, GE 3-5280C <kreding@yuno.com>

**PR-OR**
Pat Roberson Portland Kenwood TS 450S + R7000 vertical folded dipole & Caradio or CCaradio <w7pab@iinet.net>

**IS-MN**
John Sampson DXing from Grand Rapids, Minnesota <jsampson@uswest.net>

**JW-MO**
John Wilkins Wheat Ridge

**Ed-TX**
Editor North Richland Hills

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**STATION NEWS & NOTES**

<table>
<thead>
<tr>
<th>Station</th>
<th>Frequency</th>
<th>City</th>
<th>Owner</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>KLIF</td>
<td>8/85 - 15</td>
<td>Dallas</td>
<td>0570</td>
<td></td>
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</tbody>
</table>
| WSCR    | 8/16 0430 | Chicago | 0670 | Good signal, with sports talk programming. Non-IDs as The Score 6-70 and Chicago’s Sports Radio 6-70. Ex: WMQW. NEW!! (SA-MB)
| WXRT    | 8/15 0859 | Blackfoot | 1160 | WXRIT AM and FM ID given, followed by news, sports and rock music. Since 8/15/00, this frequency carries WXRIT (FM 93.1) programming. The calls are WXRIT AM, while the calls on 670 kHz officially became WSCS as of this day also. (CR-IL)
| KLVU    | 8/15 - 2300 | Dallas | 1190 | Has been sold to Radio One, who is expected to take over shortly. (ED-TX)
| KSDT    | 8/15 0100 | Hemet | 1320 | Has lost the use of its transmitter site and is off the air. You do know of a single tower in the Hemet area that could be used to restore service on a temporary / emergency basis? Would you like to buy the station? It is for sale. (From the CGC Communicator)
| KBLI    | 8/23 | Blackfoot | 1620 | Noted very strong with a talk show, then an ID at 2300. On-the-hour, the announcer IDed for affiliates KICN and KECN only, then SRN News. I suspect it might have been running 10 kW. (LG-MT)
| KBLI    | 8/23 2240 | Blackfoot | 1620 | Poor signal, under KAZP and WHLY, with talk programming and local ads for Idaho. Multi-station ID. (SA-MB)
| KBLI    | 8/26 0254 | Blackfoot | 1620 | Fair-to-good, mixing with WTAW and KSMH, with talk programs; ID on hour: The talk twins, 6-90 and 12-60, KICN Idaho Falls-Rexburg, KECN Blackfoot-Pocatello into what sounded like SRN news. New. (TRH-CA)
| KBLI    | 8/27 0458-0830 | Blackfoot | 1620 | With ESPN Sports. No IDs heard, but after calling them their Carl Wright called me back saying they were testing with 800 watts when I heard them, but will on full time with full power soon. Also heard 8/28 with like programming. (GJ-CA)
| KBLI    | 8/27 | Blackfoot | 1620 | No sign of them here in the daytime at all. I suspect the station running ESPN Radio with no IDs I have been hearing is them. The station goes to dead air during ID time for a few seconds. Good signal as soon as sunset occurs. (PA-ID)
| KAZP    | 8/27 0641 | Bellevue | 1620 | Fair, after presumed switch to day power, through KSMH and WTAW, with ESPN sports talk. Faded out around 0710. Web site is www.espn1620.com. (TRH-CA)
| WTAW    | 8/27 | College Station | 1620 | Received a note from the CE at WTAW, who explained the chronology of call letters on 1620 as follows: Originally assigned KAZW; changed to KAZW to KZNE on March 1; changed from KZNE to WTAW on May 3. Adjust your log books accordingly! I think everybody sending a reception report last spring received a “WTAW” card, which did not reflect the actual situation. I had to change my April 1 logging to KZNE. (JW-CO)
| KQJD    | 8/27 | West Fargo | 1660 | -91 - Noted on today (may have happened by the time you read this). Format is expected to change to black-oriented music and/or talk. Also expect a call change. (ED-TX)
| West Fargo | 9/4-1030 | Fargo | 1660 | Very good signal, with NOS or adult standards music. ID as: Star 15-50 and KQWB. Now on this frequency, and still 1/150. NEW! (SA-MB)
| West Fargo | 9/4-0600 | Fargo | 1660 | ID given, followed by news, sports and rock music. Since 8/15/00, this frequency carries WXRIT (FM 93.1) programming. The calls are WXRIT AM, while the calls on 670 kHz officially became WSCS as of this day also. (CR-IL)
| West Fargo | 9/4-1500 | Fargo | 1660 | Has been sold to Radio One, who is expected to take over shortly. (ED-TX)

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**NEW!!**
Welcome to the last DDXD-E column for V66 from "Guest Editor" Paul Swearingen, ghostwriting for Michael whilst he is settling into his new home in Florida. He sends his best to all; he has access to a computer in a library but won’t be able to resume editing DDXD-E for awhile yet until he has room to set up his own computer, so until I tell you differently, send your loggings to 2840 SE Illinois Ave., Tolleson, AZ 85351-427 or <ppslcBDBXER@iol.com>.

Some of the loggings below are ancient, but I’m including them, due to the time delay from forwarding items. Deadlines are fairly close to publication time, but kindly send your DX in dribs and drabs rather than one big bunch, as I’m typing this up as I find little bits of time here and there. On with it!

STATION NEWS

1070 WLFYE NY Plattsburg - 8 / 23 1950 to 2004 - fair. The former WGLY now has country format, relaying WLFY-FM-102.3. AD cluster, promo for WLFY bumper sticker and T-shirt, wx at 8054, followed by C & W mx. On-hour ID #2 2000 was “Your kinda country, 102.3 WLFY-FM-1, St. Albans, WLFY - AM: Plattsburg Wilmington.” I took a ‘phone call #1 2000 and signal was gone (presumably s/l) when I returned to the dials @ 2010. (AR-ON)

1110 WSFW NY Seneca Falls - Add this to the list of daytimers who won’t sign off. Stayed on 24 hr all July. (SK-PA)

1340 WOYL PA Gt City - New address and phone: P. O. Box 908 - Franklin, PA 16323-9080, 814-432-2188 (SK-PA)

1350 WOYK PA York - New address: P. O. Box 20249 - York, PA 17402 (SK-PA)

UNID

? - 7 / 7 13:0145+ - Code cracking through KCJ1/WPEW741. So weak it couldn’t be heard when KCJ1 was playing music. Still there at 0320 burnout. (SK-PA)

PA - 7 / 7 20 2380 - ID sounding like "WNDY" with touchtones. Another NY state throughway station? (SK-PA)

SPECIAL

1360 WJNY NJ Newton - 9 / 6 1825 - My Drake R8 blew its line fuse so I fired up the Collins. It was tuned to 1360 and lo and behold there was MYL beneath WDRC (about five air miles away). After I adjusted the phaser, WDRC disappeared and a ten-minute tape made of news, Weather, sports by Susan George was followed by locally-produced MYL Slogan: Home of America’s Best Music. Called and got someone at WHC who mentioned three or four stations located where he was. Address is 33 Newton Sparta Road in Newton 07960. New address, phone # is good per old Log. This thing heard in broad daylight but
disappeared after 1845. (RM-CT)

WEIRD

709.1 unID

- 9/5, 6 1956-2005 +/- 1 sec. pulses; only heard in AM/weak & LSB/strong, zilch in USB; same noted on 1619.6 & 2327.2 (not quite 709.1 + 1619.6) 0020-0025. Which one of my appliances is talking to me? (HF-MI)

LOGGINGS

550 WICE RI Pawtucket - 8/13 2130 Good; ID as "WICE Pawtucket-Providenace... 550 The Buzz" and NY Yankees baseball, ex-WLKW. (BC-NH)

600 WBWL FL Jacksonville - 8/19 2105 During a brief pause in WJSF programming, heard "will return to Jaguars football shortly on WBWL-Jacksonville". (RJ-NC)

610 WIOD FL Miami - 7/24 1745 Very weak - traffic report sponsored by Bell South Mobility (RJ-NC) + FL Miami - 8/22 2000 Heard legal at top of hour during WFNZ fade. (RJ-NC)

WTVN OH Columbus - 8/31 0613 - Fair in CKTB null w/promo for Ohio State football on WTVN. (MB-ON)

640 WNNZ MA Westfield - 8/13 2200 - Good; "WNNZ Westfield-Springfield... This is AM 640 WNNZ" and NY Yankees baseball, normally not heard here as antenna pattern has deep null in this direction. (BC-NH) WMFN MI Zeeland (presumed) - 9/5 1923-1940+ - Papa Joe Chevalier sports call-in px; Papa Joe called vegetarians "Pita People". "...and everyone was talking about the White Sox, total game winner. At least the Sox are talking about something today! (HF-MI)

680 WNZK MI Westland - 9/5 (see 690), below) 1945-1950+ - continued playing FF vocal before 690/680 switch announcement; VG(HD-FM-HI)

690 WOKV FL Jacksonville - 8/17 0105 - Good; CNN Radio news, Dr. Laura promo, weather, and Coast-to-Coast AM "...on News/Talk 690 WOKV. Depend on it!" (BC-NH)

730 WSC? SC Charleston - 2107 7/25 - Accu weather forecast followed by political talk show. (RJ-NC)

730 WACE MA Chicopee - 8/13 2315 - Good; "You’re enjoying the music and ministry of Praise In The Night on the stations of the Carter Media Group, including AM 950 WROL Boston, AM 730 WACE Chicopee-Springfield, AM 830 WCRN Worcester, AM 1310 WLOB Portland, and FM 96.3 WLOB Rumford," over CKAC, very unusual to receive this at night. (BC-NH)

740 WRPQ WI Baraboo - 8/4 2207 - Alone with oldies, ID. Seldom heard; will try again for QSL (JF-ON)

780 WNNZ FL Orlando - 8/14 0020 - Poor; ad for insurance in Florida, political talk, 0100 ID, over an unID Caribbean music station in WJBB null. (BC-NH)

WTVN OH Columbus - 8/31 0613 - Fair in CKTB null w/promo for Ohio State football on WTVN. (MB-ON)

790 WAXY FL S-Miami - 8/5 25 1006 - New Orleans vs. Miami pre-season NFL game. “You’re listening to Dolphins football on AM 790, WAXY, South Miami” (RJ-NC)

830 WEEU PA Reading - 9/1 2018 - Fair o/CHAM-820 stop w/talk on local high school football and promos for games to be broadcast on WEEU. (MB-ON)

WTXK OH Courland - 8/22 2100 - Heard station sign-off. Announced power levels. Gave address of station, tower and studios. Easy copy with silent WXII. (RJ-NC)

830 WTRU NC Kemerovska - 8/31 0910 - Wake Forest vs. Appalachian college football. Station recently changed calls WXII to WTRU. Format is now religious (vs all news). (RJ-NC)

840 WKTR VA Earlysville - 8/30 0845 - "Thank you for listening to the ministry station - WKTJ. Gos music format. [can finally hear 830+], WXII is silent. (RJ-NC)

850 WYLF NY Penn Yan - 8/20 0600 - Nostalgia instrumental format, station ID and then national network news (unsure who) at top of hour (RJ-NC)

860 WEVA VA Emporia - 8/25 0700 - "You’re in touch with WEVA." Then local news. (RJ-NC)

900 WUAM NY Saratoga Springs - 8/16 2356 - Fair; "AM 900 WUAM Saratoga... and 1240 WVKZ Schenectady..." and NOS with IDs simply as "AM 900 and AM 1240." (BC-NH)


930 WMGR GA Bainbridge - 8/26 2031 - "We’re keeping you informed on WMGR." Then a station ID jingle (RJ-NC)

940 KTTC IA Des Moines - 7/25 2310-2331 - Good in CINW phase null with oldies and "Oldies 93-3" slogans. Much tried for before Montreal came back on, but rarely a peep. Ex-KIOA. (JF-ON)

950 WNRG VA Grundy - 0820 8-6 - Reading of obituaries with frequent mention of Virginia Funeral Home in Grundy. ID jingle then C&W music. (RJ-NC)

970 WADP PA Lebanon - 9/1 2010 - Fair in CINW null w/"WADV, southern gospel music radio" jingle (MB-ON)

980 WCPC MS Houston - 8/26 0245 - Religious song then male announcer "This is WCPC in Houston" and then gone. Switch to night power? (RJ-NC)

990 WXRV VA Bristol - 9/00 8-6 - One of several weak stations in WAAA null. Legal ID given at top of hour. - 8/14 2200 - Legal at top of hour followed by ABC news (RJ-NC)

1050 WJXY NC Conway - 1740 7/24 - Carpenters’ tune, “Rainy Days & Mondays” (RJ-NC)

1070 WFLI TN Lookout Mountain - 2020 8-14 - Promo for trip to Holy Land, mentioning WFLI (WM-MD)

1080 WFIX FL Kissimmee - 8/31 0905 - Alan Archer giving the WFIX forecast (nighttime layers in the 70’s, with daytime highs in lower 90’s). (RJ-NC)

1110 KFAB NE Omaha - 8/31 0648 - All alone on frequency (as they often are at sunrise) w/local wx. ID "KFAB news time is 5:49." (MB-ON)

1120 WDUF VA Duffield - 8/19 0818 - C&W format- Bob Wells and Texas Playboy song, Announcer extolling beauty of VA Mtns and Blue Ridge. ID given (RJ-NC)

1130 WPYB NC Benson - 9/03 8-6 - "It’s 930 on the Big Y, time for the ?? Broadcast on WPYB" (RJ-NCp)

1140 KNEI IA Waukon - 9/1 0600 - Caught top of hour ID in partially-nulled WWRA: “Your home for real country is FM 103.5 KNEI Waukon”. (MB-ON)

1150 WAYO SC Rock Hill - 1600 7/22 - Call in show on finances, playing of a hymn, id., USA Radio News (RJ-NCp)

1160 WTEL NC Red Springs - 0827 8-6 - Ad for funeral home in Red Springs. Then announcer read birthday and anniversary announcements. (RJ-NC)

1180 WCCS PA Homer City - 2055 8/14 - Pirates-Astros baseball (WM-MD) KSL UT Salt Lake City - 8/31 0630 - "KSL-Salt Lake City" ID surfaced after Ad Council PSA, then disappeared into mush dominated by WXRT. Not new, but a pleasant surprise as I haven’t heard KSL since the Carter administration. (MB-ON)

1200 WOCA TX San Antonio - 9/1 0605 - Another one I haven’t heard in a dog’s age, ID as "at 5:05 the news continues on 1200 WOAI", into state news. (MB-ON)

1230 WXLQ CA Dublin - 7/5 0000 - During a moment of dead air after WAPV’s ID, hrd a very weak live ID; then blow out by ABC News. (SK-PA)

1230 WTBC AL Tuscaloosa - 7/9 2300 - Live ID “This is WTBC, Talk - shoot up in jumble. QSL received on 7/24. (SK-PA)

1260 WESX MA Salem - 7/9 2300 - Presumed with “Boston” jumpping over WIBC ID. Unn. (SK-PA)

1280 CFMB PQ Montreal - 8/31 0639 - Fair over nullled CFYZ w/local traffic report in FF (despite multilingual ethnic format). (MB-ON)

1280 WHTK NY Rochester - 9/11 1130 - Fair daytime signal over nullled CFYZ w/talk on Rochester Iron Horse team, PSA for a violence-free America, bottom of hour ID “Hot talk 1280 WHTK.” (RJ-NC)

1310 WRSB NY Canandaigua - 8/31 1800 - Tripie-hea er ID: “You’re listening to 1590 WASB, Brockport-Rochester, 1310 WRSB Canandaigua-Rochester, and 105-5-5
WMJQ, Brockport-Rochester, the Sunshine Network. Fair poor daytime signal at Musselman's Lake, but never heard in Toronto during daytime. (MB-ON)

1320 WICO. MD Salisbury - 7/5 2005 - End of ABC News; PSA for firemen's cavalcade. ID: "News-Talk 1320, WICO." Last heard this week, news ag. (SK-PA)

1330 WATR CT Waterbury - 8/14 2230 - Good; "If you're looking for the greatest music of all time, you're in the right place." WMJQ of our life at WATR 1340 AM." (BC-NH)

1330 CJYM SK Rosetown - 7/5 2133 - Break on "the Headline Sports Network." That's the real name for the Blue Jays network. This is the only 1340 on their 2000 network list. Under some game of the Indian's network. (SK-PA)

1360 WKOP NY Binghamton - 7/20 2222 - Cannad ID under WNYC O: "Like a fine wine, they're all here. 1360 WKOP." This is so rare that when last heard it had a c&w format. (SK-PA)

1380 WNJC NJ Washington - 2300 8/14 - Spanish music heard, ID in English and Spanish; mention of NJ. Huge signal; must have been on day power. (WM-MD)

1420 WCEW PA WAYZ - 6/28 2105 - Live c&d. "WAYZ. That's number 9, checking in at number 8 on our countdown." Very clear, but faded quickly. Never heard atop or after LSS before (SK-PA)

1430 WTMC DE Wilmington - 7/3 2002 - Male and female reporting traffic, "From south of Dewey Beach, Delaware Rt. 22, flaggers will be alternating traffic through the construction. Daytime lane closings will be occurring on Delaware Rt. 26. ... Here's your traffic information for the New Castle area roads." First time heard with these calls/format. At 2145: "You're listening to WTC, Travelers' Advisory Radio for the Delaware ..." faded out, but heard again at 200/7/11; had to be running day power. (SK-PA)

1440 WMWM FL St. Petersburg - 2256 8/15 - ID spoken by kid; Radio Disney. (WY-MD)

1400 WICK PA Scranton - 6/30 1957 - Ad for Joe Nardone's Gallery of Sound, Red Baron/Friendly's promo. WTIK/WICK ID at 1958.6 miles away, but only 2nd positive ID. (SK-PA)

1430 WDVZ WI Green Bay - 7/14 0006 - PSA by female mentioning Green Bay. (SK-PA)

1430 WKPT TN Kingsport - 2305 8/15 - ID heard in mes. (WM-MD)

1440 WPCE VA Portsmouth - 2032 8/16 - Black Gospel Music, ID. (WM-MD)

1450 WCEC PA Dubois - 2236 8/14 - After Monkees song, female saying, "Classic 1420," oldies music. (WM-MD)

1430 WQJS KY Owensboro - 8/12 2130 - "The best ?? is here on WVJS." (RJ-NC)

1430 WRCG GA Columbus - 2107 8/15 - Padres-Braves baseball (WM-MD)

1430 WENE NY Endicott - 9/12 0605 - Fair-poor in CHK? null w/non-ID "The Yankees play on Sports Radio 1430" and promo for 1430the team.com web site. (MB-ON)

1430 WBLR SC Batesburg - 8/25 1025 - High school football game (the Panthers won 40-0). Ad for golf course and insurance agency in Batesburg. Legal ID before oldies music. (RJ-NC)

1460 WBKC OH Painesville - 2045 8/15 - Local ads heard; ID: minor league baseball game heard under Phillies game. (WM-MD)

1470 WKDVA VA Manassas - 2048 8/16 - Potomac-Wilmington minor league baseball; Black gospel-sounding music also heard; ID. (WM-MD)

1520 WKWH IN Shelbyville - 7/24 0650 - Surfaced with ID and with OLD music. Ex WSVL, WOAA for me (JE-ON)


1580 WZKY NC Albemarle - 8/14 2200 - Fair, jingle ID, oldies (The Doors, Beach Boys, etc.), over unID Spanish. (BC-NH)

1610 TIS-1610 NC Holden Beach - 7/23 2216 - An "info-mercial" which lasted about 5 minutes ("This is Gary Staley with Access-One Mortgage - located just under the bridge on Holden Beach." Five minutes of info on buying and financing beach property). Later in the week a "talking house" ad appeared on frequency from Coastal Development Realty for 269 Ocean Blvd West ... only $300K+!! (RJ-NC)
I've been receiving a lot of QSL cards this week, and I'm happy to report reception of KQXX 1700 from Brownsville TX; not IDDX material... but almost! Now that Miami is no longer Spanish, the KQXX signal comes through nicely with SS music and announcements. A portion of Erik Stromsted's report will be held over until next column. I've run out of time to include it all.

Our family went to see the movie "Frequency" last weekend. It was fun to see a popular movie that uses the effect of an aurora on radio signals as the basis for the plot. As well, when was the last time you saw QSL cards used for scenery in a movie? In one respect the movie was implausible because the radio signals affected by the aurora traveled through time. On the other hand, I remember seeing an FM reception report on the Internet this summer dated the following day.

I heard the news in Czech, deep voiced male newsreader, loud signal 59+25. SEp 06 0036 "The Boston Group, loud signal 59+25. One of Erik Stromsted's reports was held over until next column. I've run out of time to include it all. Our family went to see the movie "Frequency" last weekend. It was fun to see a popular movie that uses the effect of an aurora on radio signals as the basis for the plot. As well, when was the last time you saw QSL cards used for scenery in a movie? In one respect the movie was implausible because the radio signals affected by the aurora traveled through time. On the other hand, I remember seeing an FM reception report on the Internet this summer dated the following day - I immediately congratulated our friend for his reception for the future. New physics? Hope, it was a typo! Well, I hope the future has many DX blessings in store for you.

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**DX Catches. Spanish,*** the radio signals affected by the aurora traveled through time. The future has many DX blessings in store for you! FM reception report on the Internet this summer dated the following day. I've run out of time to include it all. Our family went to see the movie "Frequency" last weekend. It was fun to see a popular movie that uses the effect of an aurora on radio signals as the basis for the plot. As well, when was the last time you saw QSL cards used for scenery in a movie? In one respect the movie was implausible because the radio signals affected by the aurora traveled through time. On the other hand, I remember seeing an FM reception report on the Internet this summer dated the following day - I immediately congratulated our friend for his reception for the future. New physics? Hope, it was a typo! Well, I hope the future has many DX blessings in store for you.

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**TRANS-ATLANTIC DX**

153 ALGERIA Bechar, AUG 4 0100 - Good signal, news, FA AA news caster. Also Germany under with news [Stromsted-MA] AUG 6 0158 - Arabic modern music similar to soft rock followed by AM news after pips at 0200 with husky female AA newscaster, loud 59+20. AUG 11 0135 - Two AA men in serious discussion. Signal strong 59+20. AUG 22 0308 - Arabic radio play? Man and woman situation at each other in AA. Strong signal. [Stromsted-MA]

166 FRANCE RFI Alouins, AUG 6 0158 - EAE American vocal "I want you to get me some answers." Jazz combo-Sax, drums fast tempo, loud 59+20. SEP 01 0056 - Jazz piano-fair signal. [Stromsted-MA]


186 ICELAND Rikisutvarpid, GufusMar, AUG 5 0054 - "When the Saints go marching in," Louis Armstrong classic, fair signal 59+15. AUG 13 0112 - Mostly American songs, rap and rock, no announcements, fair signal. AUG 7 0107 - 59+20 Loud rock. "Nothing is real" female American vocal, then soul music, and Icelandic rock band. AUG 22 0255 - Spiritual "If you know...you can do it...that speech on higher ground... he will lift you up..." then, Icelandic rock. ".Gut, Gut (good, good?) Electronic music, loud 59+25. AUG 26 0050 "Something is wrong with me..." female and male American Blues, loud signal 59+25. SEP 06 0036 - piano medley of Broadway tunes. "Don't Blame Me" etc. Loud in full wide filter 59+25 [Stromsted-MA]

198 ENGLAND BBC synchros AUG 6 0207 - "Forest fires raging in Western US- 100,000 acre blaze in Montana. Crews from Canada and Mexico plus US Army and Marines helping many evacuees. EE news reporter. 0224 male and female news anchors..." World Cup protest by S. Africa against German victory dropped," loud 59+20 / 6175 (59+60). SEP 06 0203 - Tennis results. Hingis wins match...poor signal. AUG 17 0033 / 693 (Loud) [Stromsted-MA]


241 IRELAND New Atlantic Clarkestown, AUG 5 0205 - Slow rock, EJ vocal. "2 in a row, only on the new Atlantic 297", big signal 59+35 [Stromsted-MA]

270 CZECH REPUBLIC Cesky Rozlas AUG 4 0226 - Rock with M vocal. 0230 News in Czech, deep voiced male newscaster USB, 59+10 poor. SEP 06 0242 - teletalk, poor signal. 0243 more rock music with vocal, 59+15, euro beacon interference. [Stromsted-MA]
SPAIN RNE synchros, AUG 22 2345 - Good; rock/pop music, man in Portuguese, strong het against 837. [Conti-ME]

CAYMAN ISLANDS // SPAIN COPE synchros, AUG 6 0052 - Spanish talk by woman // 1296; poor. [Conti-E-MA]

ITALY RAI Radio Due, Rome AUG 23 0525 - Fair; pop music, woman in Italian, couldn’t hear 6060 parallel because of interference from whatever was on 6060. [Conti-ME]

SPAIN RNE synchros AUG 23 0515 - Excellent; talk in Spanish, huge signal interfering with 850 and 860 domestic. [Conti-ME] AUG 5 2330 - man with Spanish newstalk: starting to fade up. [Conti-E-MA]

EGYPT Santah, AUG 6 0045 - stern, serious Arabic talk (sermon ?) by man. [Conti-E-MA]

FRANCE R.Blue, Paris AUG 23 0615 - Poor; man and woman in French // 1206. [Conti-ME]

CAYMAN ISLANDS // SPAIN COPE synchros, AUG 6 0034 - Spanish talk; over/under UK. [Conti-E-MA] AUG 18 0113 - Spanish teletalk; fair. [Conti-R-MA]

UNITED KINGDOM BBC Wales, Washford, AUG 6 0034 - English talk; mixed with Caneary-Spain. [Conti-E-MA]

ALGERIA Algiers, AUG 5 2329 - female Arabic vocal; fair with WBP5 phased. [Conti-E-MA]

FRANCE R.Blue, Toulouse AUG 23 0610 - Good; easy listening, French vocal // 1206. [Conti-ME]

ALGERIA Radiodif, Algerienne, Algiers, AUG 5 2327 - Arabic male vocal in deep baritone; poor to fair; separated from 980 mes by using the regenerative output stage in the Superphasering shipping unit. [Conti-E-MA]

SPAIN SER synchros, AUG 6 0035 - // 1575 with teletalk; poor. [Conti-E-MA]

MOROCCO Sebha-Azizun, Aug 5 2321 - Arab string music, drums, vocal; to good peak atop Spanish. [Conti-E-MA]

SPAIN SER synchros, AUG 6 0036 - // 1575 with '60s-type light pop music, then woman in Spanish; excellent. [Conti-E-MA]

DENMARK Danmarks Radio, Kalundborg AUG 23 0355 - Good; pop/rock music, man in Danish, fanfare into news. [Conti-ME]

UNITED KINGDOM Talk Sport synchros, AUG 6 0038 - sports talk; fair with jumpy fades, WBAL phased. [Conti-E-MA]

SPAIN RNE5 synchros, AUG 6 0039 - // 576 with Latin American style jazz (brass, flutes, conga drums, piano); good / dominant. [Conti-E-MA]

SPAIN RNE5 synchros, AUG 6 0040 - // 1098 with tropical jazz. There was also a substantial-strength unmodulated carrier and bits of an Arabic station mixing in. [Conti-E-MA]

SPAIN SER synchros, AUG 6 0042 - // 1044 with fast Spanish talk by man. [Conti-E-MA]

SPAIN RNE5 synchros, AUG 6 0047 - // 738 with Spanish talk; poor with WBBR slip. [Conti-E-MA]

unID AUG 23 0300 - Strong carrier but weak audio, man and woman in unidentified language, Belgium or Hungary? [Conti-ME]

SPAIN EL Vitoria AUG 23 0320 - Good; continuous easy listening/instrumental music. [Conti-ME]

unID AUG 6 0050 - Keranic vocal. Suspected to be Morroco, per information from European DXers. [Conti-E-MA]

FRANCE R.Blue, Bordeaux AUG 23 0605 - Good; man and woman with news in French. [Conti-ME]

ISRAEL KOL Israel, Haifa AUG 22 2350 - Fair; telephone talk in Hebrew, string music, and theme from 2001 Space Odyssey at the top of the hour into news. [Conti-ME]

LIBYA Tripoli, AUG 5 2314 - man in Arabic, then a group vocal; fair audio on strong carrier about an hour before sunset. [Conti-E-MA] AUG 19 2352 - Arabic music; in slop. TA conditions below average tonight. [Conti-E-MA]

SPAIN COPE, Valencia, AUG 6 0052 - // 837 with woman in Spanish; fair. [Conti-E-MA]

NORWAY NRK, Kristby, AUG 18 0133 - rock music, then man and woman in Norwegian, to good peak. [Conti-E-MA] AUG 23 0150 - Good; pop/folk music, man in Norwegian except when announcing the title and artist of the song “Love Is In The Air” by John Paul Young. [Conti-ME]

SPAIN Arganella, AUG 6 0053 - bits of female vocal, then Spanish talk; badly chopped by CKBC. [Conti-E-MA]

unID AUG 6 0055 - Middle Eastern sounding music with strings; poor. European DXers have suggested Prizzon (Kosovo) as a possibility with its Albanian programming. [Conti-E-MA]

GUINEA R. Ruale, Labe, AUG 19 2348 - African-accented French talk by man; poor to fair with WPLM phased. [Conti-E-MA]

SPAIN RNE5 synchros, AUG 6 0002 - // 621 with Spanish news; mixing with second station. [Conti-E-MA]

ALGERIA Algiers, AUG 5 2357 - monster carrier with thin (almost non-existent) audio; Germany audible well under. [Conti-E-MA]

SPAIN SER synchros, AUG 5 2356 - // 1575 with light pop American-style female vocal, then man in Spanish; to good peak. [Conti-E-MA]

SAUDI ARABIA BSIGA, Jeddah, AUG 18 0136 - Keranic recitation; fair through WNRB slop. [Conti-E-MA]

GREECE ERA Chania (Khania), Crete AUG 23 0215 - Fair; telephone talk in Greek, in diffcult to maintain null on WNRB 150; interference. [Conti-ME]

SAUDI ARABIA BSIGA, Duba, AUG 5 2325 - male Keranic vocal; already very loud more than an hour before sunset! It was at least 20 dB stronger than any other Trans-Atlantic signal noted at the time. [Conti-E-MA] AUG 19 2247 - het fade-in. [Conti-E-MA]

SPAIN SER, Castellon, AUG 5 2351 - // 1575 with man & woman in Spanish; very good (Saudia off at this time). [Conti-E-MA]

Greece ERA Chania (Khania), Crete AUG 23 0215 - Fair; telephone talk in Greek, in difficult to maintain null on WNRB 150; interference. [Conti-ME]

SÃO TOME E PRINCIPE VOA Relay, Pinheira, JUL 29 0300 - good (way over WSAI) at sign-on with Yankee Doodle marching band music and ID by man “This is the Voice of America”. News followed. This was heard outside the Oceanview Inn in Gloucester, MA during Ben Dangerfield’s visit to the area. [Conti-G-MA]

VATICAN Vatican R., AUG 23 0500 - interval music, then a woman gave “Radio Vaticania” ID; dominant with WD1Z/WVBF (both to the west) in cardiod array null. [Conti-E-MA] AUG 23 0454 - Fair; man in French with “catholique” mentions, gone by 0600, in WSAI null. [Conti-ME]

SPAIN SER, Manresa/Elda, AUG 5 2347 - // 1575 with SER Spanish newstalk; mixed with unID station (Germany?). [Conti-E-MA]

KUWAIT VOA, Kuwait City, AUG 5 2341 - US man & woman with an interview; talk about someone who “died of a broken heart”, then mention of “large amount of federal funding”; fair. [Conti-E-MA]

ALGERIA RASD Claudetin, Tindouf, AUG 5 2345 - male Arabic talk, then a Berber female vocal with accompaniment by what sounded like a ram’s horn (or synthesized imitation). Signal was good and actually aided by WTN’s blank carrier being present at about equal level. Delta effects created carrier audio enhancement during fades). Het from VOA 1548 re-dced by tuning to higher side. [Conti-E-MA]

unID AUG 19 2343 - bits of Middle-eastern female vocal at low audio level; jumpy signal with polar-flutter type fade pattern. Probably Iran, though possibly India on greyline enhancement. [Conti-E-MA]

SPAIN SER synchros, AUG 5 2347 - // 1539 with man & woman in Spanish; over apparent Arabic music station. [Conti-E-MA]

CEUTA Radio PI, AUG 5 2254 - pop vocal; fair, fading up, hetted by SER-1584. [Conti-E-MA]

GERMANY BER Holscherken AUG 21 2350 - Fair; man and woman in Slavic language, classical music to the top of the hour. [Conti-ME]

SPAIN AUG 5 2300 - El Vitoria and SER net stations at about equal strength. [Conti-E-MA]

TURKS & CAICOS R. Vision Cristiana, AUG 6 0018 - psalm with responsive sequence; repeatedly a man said a short sentence, then a woman responded with a similar length sentence; loud
CUBA R. Relbele, CMKY, Urbano Nosir, AUG 20 0010 / - / 710 with operatic male vocal; huge. [Conti-O-MA]

COLOMBIA R. Difusora Nacional, AUG 28 0100-; long instrumental NA into SS male ID over instrumental music bed; into cumbia-influenced bachata. Have noted all cumbier bachata here irregularly, wonder if they extend 24 hr sometimes. Poor/ fair through WIOD. [Crawford-FD]

CUBA R. Progreso, AUG 20 0114 - / 640 with old-fashioned slow male Spanish vocal; under WPRO/WSKN. [Conti-O-MA]

CUBA R. Progreso, Guanabacoa/ Las Tunas, AUG 200114 - romantic old-style vocal / / 630; dominant. [Conti-O-MA]

CUBA R. Progreso, Guanabacoa/ Las Tunas, AUG 20 0114 - / 630; Good; "Union Radio, el servicio Latinamericano..." and baseball report mentioning the Baltimore Sun on the Internet. [Conti-ME]

COLOMBIA R. Acena Dos, Bogota AUG 20 013.0 - Fair; "Antena Dos, Colombia" ID and salsa music. [Conti-ME]

COLOMBIA R. Rumbos, YVLL, Caracas, AUG 20 0009 - Venezuela news; fair. [Conti-O-MA] AUG 20 0010 - Good; "Once dos minutos, hora Rumbos" time check, cumbia music. [Conti-ME]

CUBA R. Relbele, Arroyo Arenas AUG 14 0030 - Fair; "Relbele, la Habana" ID and "romance a la media noche" romantic music program. [Conti-NH]

PUERTO RICO WAPA, San Juan, AUG 20 0005 - Spanish news including a report about the sunken Russian nuclear submarine, then "Wapa" jingle and spoken ID; loud, actually over WROX, some of the time. [Conti-O-MA]

ANGUILLA Caribbean Beacon, The Valley, AUG 20 0007 - strong and alone on channel with preacher / / 6000) who referred to "National Enquirer type journalism". [Conti-O-MA] AUG 22 0101 - Fair; alternating between English and Spanish translation from Exodus, in CINF null. [Conti-ME]

CUBA R. Progreso, fowellacas AUG 14 0310 - Fair; documentary featuring bits by the Blatters / / 640 & 890 in CINF null. [Conti-NH]

CUBA R. Popular, Maracaibo AUG 15 0110 - Poor; many Popular IDs through presumed R.Net Columbia/ R.Sur Venezuela melts in WLV null.

CUBA R. Sue, Puerto Orizaba AUG 20 0120 - Fair; "la senal gigante de Venezuela" ID. [Conti-ME]

CUBA R. Relbele synchro, AUG 20 0010 - / 600 with operatic vocal; under WOR. [Conti-O-MA]

VENEZUELA R. Oriente 720, Porlamar AUG 22 0135 - Good; "la hora Oriente" time check, "en su automovil, en la oficina... Oriente 720." [Conti-ME]

PUERTO RICO WAPA San Juan AUG 22 0150 - Good; "Radio Puerto Rico, la primera cadena" over WAPA ID, salsa. [Conti-ME]

VENEZUELA RCR, YVKS, Caracas, AUG 18 0110 - Caracas newstalk, RCR ID; good. [Conti-R-MA] AUG 22 0106 - Good; "RCR 730" ID, news from Caracas, and "RCR Internacional" promo. [Conti-ME]

CUBA R. Progreso, Trinidad AUG 14 0500 - Poor; melodious salsa / / 640, 690, & 890 under WSB. [Conti-NH]

BRAZIL R. Record, ZYH888, Fortaleza, AUG 18 0102 - Portuguese preaching, folk-style hymn; briefly good over apparent Guyana. Later the channel became a total jumble. [Conti-R-MA]

COLOMBIA RCR, HJAJ, Barranquilla, AUG 20 0126 / / 770 with news in Spanish about Colombia; atop Cuban Reloj and low growl. [Conti-O-MA] AUG 22 0105 - Fair; "la radio de Colombia" ID over rumble. [Conti-ME] AUG 14 0215 - Sam man and woman with news, strong 59-30 with WSB way under. [Stromstedt-MA] (WJR, not WSB, I presume - JIM)

CUBA R. Reloj, Las Mercedes & Guanabacoa, AUG 20 0010 - Reloj ticks and beeps; in mess. [Conti-O-MA]

COLOMBIA RCR, HJAJ, Bogota, AUG 20 0127 / / 760 with Colombian news under WABC. [Conti-O-MA] AUG 20 0130 - Good; "RCN momentos deportivos" and "la radio de Colombia" ID, over WABC. [Conti-ME] SEPT 1, 0620-0630 - good w/news cad "R-CN" ID's and ads. Mixing with RJ, with usual Jamaican callers. [Krueger-FL]

VENEZUELA R. Coro, YVMN, Coro, AUG 20 0112 - Radio Coro ID emerged out of a huge pile-up of Latin American signals. [Conti-R-MA] AUG 14 0510 - "...Radio Coro, patrimonio de la comunidad" and "para balar... Radio Coro" jingle, latino pop music, over WBHB. [Conti-ME]

VENEZUELA Ecos del Tesoro, San Cristobel AUG 15 0130 - Fair; "Ecos Cidismo" bicycling talk program (bicycling is a popular sport in Venezuela), full ID "Esta es Ecos del Tesoro... YYVC 4980 kilohertz, banda de 60 metros, YYVD 780 kilohertz onda larga, 50 kilowatts, YYVC 9640 kilohertz la banda internacional de 30 metros, en San Cristobel, Venezuela... Ecos del Tesoro, el sentido mejor de los Andes." [Conti-NH]

NETHERLANDS ANTILLES PIB, Trans World Radio, Bonaire, SEPT 20 0714-0716 - good in passing with PP preacher. [Krueger-FL]

BAHAMAS ZN3S, Freeport, AUG 20 0111 - US-type soul vocal, then black DJ took phone calls from local listeners; over under WGY. [Conti-O-MA]

ST. KITTS & NEVIS 1BN, Basseterre, AUG 18 0112 / / 7510 with black Baptist preacher; over WCRN/CFJR. [Conti-R-MA] AUG 20 0920 - local pgming, Carib EE woman with UTC-4 timeschecks, morning greetings between old American anglo gosps. Poor thru Reloj even on 500 1owlong. [Crawford-FD]

CUBA R Reloj, AUG 31 0918 - R. Reloj mose thru WRRF/etc. [Crawford-FD]

VENEZUELA RQ-910, YVRQ, Caracas, AUG 20 0024 - careh-coo (RQ) slogan, Spanish talk; atop WAPA. [Conti-O-MA] AUG 16 0012 - Fair; "Q-AM" IDs and salsa music through WNEZ rap music and WRNL. [Conti-NH]

DOMINICAN REPUBLIC Estereo 920 (presumed ID), AUG 30 0940 - SS man chatter, bachatas, UTC-4 timeschecks, good peaks well over channel rumble. 0945 "buenos dias Santo Domingo, buenos dias Republica Dominicana." Not generous on actual IDs though. [Crawford-FL]

PUERTO RICO WKEK "Radio Puerto Rico", SEP 1 0535 - listed as Cabo Rojo, 0305 SS man with news punctuated by many ads, 0941 ID UTC-4 timeschecks, good peaks. [Crawford-FL]

CUBA R. Reloj, AUG 20 0123 - Reloj program slugging it out with CINW/WIPR/YYNN mix. [Conti-O-MA]

COLOMBIA R. Cartagena AUG 16 0300 - Good; "RCN la radio de Colombia" jingles and "Noticias RCN" news. [Conti-NH]

VENEZUELA R. Muni. Margarita, YVRS, La Asuncion, AUG 21 0031 - brassy salsa music; loud. [Conti-O-MA] AUG 16 0250 - Fair; time check ...hora Mundial," Latino pop vocals, through KDKA. [Conti-NH]

COLOMBIA unid city, AUG 20 0121 - news in Spanish with many Bogota mentions; to good peak over 300 Hz het from KYW and Cuba on 1060. I'm now 99% sure that this chronically-off-channel station is a Colombian, but the "which one" question still remains until a positive ID is heard. [Conti-O-MA]

COLOMBIA Emissora Atlantico, Barranquilla AUG 16 0150 - Fair; Emissora Atlantico jingle, time check, Barranquilla mention, salsa music, with CBA nullled out. [Conti-NH]

VENEZUELA Mundial Zulia, Maracaibo AUG 16 0215 - Fair; "Mundial Zulia, la lider en sintonia," accordian/ ronchera music. [Conti-NH]

VENEZUELA R. Barcelona, YYQV, Barcelona, AUG 19 2359 - Radio Barcelona ID; fair, dominant. [Conti-O-MA]

VENEZUELA Union R., YVVS, Caracas, AUG 18 0047 - Union Radio mention, fast newstalk; good, over WBAL. [Conti-R-MA] AUG 22 0101 - Poor; "Union Radio... 24 horas" promo through WBAL/CKKW. [Conti-ME]
VENEZUELA La Voz del Caribe, Porlamar, AUG 19 2335

[Text cut]

ANTIGUA VENEZUELA R. Carupano, WQT, Carupano, AUG 18 0054

[Text cut]

CUBA R. Rebelde-Cuba, Nueva Gerona AUG 15 0135

[Text cut]

MEXICO XEV, Villahermosa, Tabasco, SEPT 2

[Text cut]

FALKLAND ISLANDS: "At Approximately 1800 UTC..." [Knapp-MA]

[Text cut]

CARIBBEAN: Radio Mexico: Unable to decode incoming transmission on 1300. Apparently someone is listening in... [Falkland-MA]

[Text cut]

STATION NEWS

CUBA: Several comments about Harley's station on 950 reported last time: "Actually, the 950 transmitter on August 30th was heard with a very strong signal at 2100 UTC on 1377 AM, the program was entirely in parallel to the CNR 1-programme on 7395 SW. The signal was so strong that I can hardly believe this was coming from China and I thought: well maybe some DX'ers are fooling us and have rented a tx somewhere in Europe to relay the px from 7395!! But: many other European DX'ers have logged it well (for instance Christoph Mayer, Mauro Ribola and Max van Armem amongst others logged it before me) and I have not heard anything on European relays of this Chinese programme, so this must have been an amazing DX catch, all the way from China! There is still nothing definite about the exact location of this tx: Fujian is mentioned and so is Usurumi. Anyone an idea?? If someone wants to hear how strong I heard this station here in Holland on August 30th, I have a 46 kb-file available for anyone interested. Also I have a 138-KB file of the same station logged and recorded on Sept. 2nd 2000 at 2100 UTC with the top-of-the-hour procedure. Signal is still strong, but not amazingly strong as on August 30th!! [Julius Hermans, Netherlands, in Medium Wave Circle e-mail]

CUBA: A few comments about the US station on 1400, which was heard with a strong signal on August 30th. This is a station identified as "Radio Americano" on the same frequency, and the comments indicate that it was heard with a strong signal during the 2100-2200 UTC period. [Stromsted-MA]

STATION NEWS

CUBA: Comments about Harley's station on 950 reported last time: "Actually, the 950 transmitter is likely in the Habana area, that is, within Ciudad de la Habana province. This monitoring session over the past week has not improved the signal much, but it is still present on 1377 AM during the 1900-2100 UTC period. The signal is strong enough to cause interference with other stations. The station is known as "Radio America" and operates on 1377 AM. [Flors-MA]

STATION NEWS

Comment on the status of the US station on 1400, identified as "Radio Americano" last time, and comments on the signal strength during the 2100-2200 UTC period. [Stromsted-MA]

STATION NEWS

Comment on the monitoring of the US station on 1400, known as "Radio America" and operating on 1377 AM. The comments indicate that the station is still present during the 1900-2100 UTC period, with strong signal. [Stromsted-MA]
out. The aircraft was returning from a routine sortie over Stanley Airport shortly before the accident occurred. According to a Military spokeswoman the aircraft was returning to Mount Pleasant when it took evasive action in order to avoid collision with a civilian plane. She went on to say that Military authorities are investigating the accident and that the pilot and crew did not receive any injuries. There was some damage to one wing of the aircraft, however. A full report will be forthcoming. [J. Brock (Falkland Islands News Network), moky@recradio.shortwave, via Paul Bowery in Medium Wave Circle e-mail]

FRANCE: According to a message in frc.radio ‘Radio Bleue’ becomes ‘France Bleue’ on September 4th. [Piet Pijpers in Medium Wave Circle e-mail] Yes, so it will... And all local stations on FM (and the few that also use MW) will change names too. For instance Radio France Alsace on 1221 has been known as “France Bleue Alsace”. Actually Radio France are integrating three programmes into a single one: Radio Bleu, Le Mouv and the network of local and regional stations become a single network called France Bleue. Also the MW network will now be on 24 hours a day, another instance of how stupid the guys who run Radio France are. When FM and MW carried different programmes they would close down most (sometimes all) MW station after 7 PM local time. Now that they carry the same stuff they leave them on... What for? Also ‘I’m afraid that in the long run the FIP network will merge into “France Bleue”. Oh and BTW, maybe someone ought to teach those idiots at Radio France a bit of French grammar and spelling because in correct French the station should be called “France Bleue” and not “bleu”. [Rémy Friess in Medium Wave Circle e-mail]

GERMANY: 576 From August 28 Mega-Radio will broadcast regular programmes from a studio at Schwerin daily between 6 AM and midnight (0400-2200) on Wilsdruff 576. It is intended to start broadcasting on its other allocated frequencies within the next six months. This acc. managing director Horst Bork, who is annoyed that he has to do without Jülich-702 and Nordkirchen-855 but states that Mega-Radio thanks to good relationships with CLT-UFA has an option to use Marnach-1440. (“Kabel & Satellit” edition 32/00 via Kai Ludwig; via ARC Info Desk AUG 2000 e-mail) The other allocated frequencies include Braunschweig 630, Berlin 693, Dresden/Wilsdruff 1431 and Burg 1575. The Braunschweig channel, which was until a few years ago on air from Dannenberg instead, is a daytimer only and to be operated with 100 kW from the existing MW site at Scheppau (that’s the exact location of what is usually called either Braunschweig or Königslutter, actually the site is located in between these towns). Intentions for the other frequencies acc. previous Bork statements 695 with 200 kW from the Zehdenick site and further operation of high power transmitters at Wilsdruff and Berlin are precluded by the senate of Berlin; 1431 from Wilsdruff with 250 kW and 150 kW night as permitted by the Geneve plan, 1575 from Burg with 100 kW day and 500 kW night. Already last year there were rumours of a 1440 schedule consisting of Mega-Radio during daytime and Eric Wittlich’s “Luxemburg 208” tonight. As is well known, “208” is still not on air, though there are still many regular listeners who are annoyed that he has to do without Jiilich-702 and Rockport MA “R”. The remaining programmes at night also have to be eliminated, while medium-wave broadcasts will be cut from 18 to 8 hours daily. The radio will continue its regular, 18 hours of daily broadcasts only on FM. The radio’s management says the measures are “temporary” and due to MoldRadio being some $1 mil-

lion in debt to the state company that relays the broadcasts. MoldRadio’s entire budget for 2000 is $2 million. [REF/RL Newline, 8 August 2000] I can add that the Chisinau to our 1593 kHz (RM1) which is still listed in WFRH2000, now is completely off the air. Since a longer time already it was switched on only for the nighttimeprg from 2200 UTC. [Bernd Trutenau, Reykjavik, Iceland], in Medium Wave Circle e-mail]

NETHERLANDS: 171 On the Radiovisie-site I have read that Delta 171 has now all the necessary permits to go and build the huge tx-site on the sea-location before the Dutch coast. Also all the international complaints seem (i.e. from France) seem to be dealt with. So they can go and build. I do not know when they actually start constructing. Meanwhile the Dutch telecomm- minisation has given Delta a later starting-date, officially they should have started July 1st, but now they have got a licence which says they should start at the latest on January 1st, 2002. Due to all these licensing problems there were heavy delays so that is why they got a permis- sion to start later. [Julius Hermans via HCDX, via ARC Info Desk AUG 2000 e-mail]

NORWAY: 216 According to a report in issue 433 of ‘The Radio Magazine’ the government of Norway is offering a licence to operate on 216 kHz (the former NRK channel) at a maximum of 1.2 MW. In order to qualify for consideration, applicants must have “a head office in Norway”, be able to show their programming plans and be able to afford the costs involved. [INX Information, via the British DJX Club (BDJX-UK), Ray Woodward from Piet Johan Pijpers via MWC e-mail news 27.07.00; via ARC Info Desk AUG 2000 e-mail]

RUSSIA: 153 Taldom is silent from mid July (Nick Payamshchek via Kai Ludvig) 261 Taldom. This superpower transmitter north of Moscow was switched off on 11 July. The transmitter was listed with 2500 kW and was covering about 70% of the European part of Russia with the R Rossi programme. R Rossi decided no longer to finance the relay. [MIDBX #172 via Bernd Trutenau, 16 July; via ARC Info Desk AUG 2000 e-mail]. In early August this huge site appeared to be off the air completely. Olle Alm, ARC Info Desk AUG 2000 e-mail) 1368 LBH Radio via Bolshakov: This British commercial station will launch in the Autumn 2000. Already testing, Reception reports appreciated; address: LBH RADIO, STUDIO HOUSE, 21-23 WALTON ROAD, PRINTON-ON-SEA, ESSEX, CO13 0AA. e-mail: engineering@lbhradio.com Home page: via EuroLog 30.7.2000) URL: www.lbhradio.com [Stefan Bjoern in ARC Info Desk AUG 2000 e-mail] As Nikolay Pashkov in Moscow informs, both 153 (Yunost) and 261 (R Rossi) from Taldom are back on the air. This might be in connection with the loss of the powerful ORIT FM transmitters after the Ostankino fire. [Bernd Trutenau, Iceland, in Medium Wave Circle e-mail]

SAUDI ARABIA: 1089 An Arabic speaking station here is BSKSA 2nd programme, confirmed by a report that it is testing eventually to increase to 5kW design output. They expect comments plus requests for? Also I’m afraid that in the long run the FIP network will merge into “France Bleue”. Oh and BTW, maybe someone ought to teach those idiots at Radio France a bit of French grammar and spelling because in correct French the station should be called “France Bleue” and not “bleu”. [Rémy Friess in Medium Wave Circle e-mail]

UKRAINE: 657 Ukrainian Radio 3 (Radio Muz) is now on 657 kHz with RUI: 1700-1730 Radio Ukraine International in Romanian, 1730-1930 Radio Muz in Ukrainian, 1930-2000 Radio Ukraine International in Romanian, 2000-2100 Voice of America in Ukrainian Muz in Ukraine, Su, 2010-2130 Radio Ukraine International in Ukrainian, 2130-2240 Radio Muz in Ukrainian. All other MW frequencies of Radio Muz are now inactive. [Undisclosed source from Herman Boel via MWC e-mail news 13.07.00] Many Ukrainian LW/MW trans- mitters have been taken off the air. The remaining ones are operating on a reduced schedule: 0329 (SS0299-0800), 1330-1830. [NRCC website via BT in ARC Info Desk AUG 2000 e-mail]

CONTRIBUTORS
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INTERNATIONAL DX DETECTIVES TACKLE CONNELLY UNID'S!
Here's a compendium of ideas from Medium Wave Circle and Hard Core DX members about my recent unit's on 1206 and 1377 (logged from Eastham, MA on UTC 6 AUG). Thanks for all the help. (Take note of comments made about China 1377 now being heard by European DXers - Jim)

1206 ideas: I wrote "A Koranic vocal was heard on 1206 kHz at 0050 UTC ... seemingly not the typical fare from Israel or France." Thomas Adam, Germany < adam@sbs.de> "In April I heard Morocco on 1249 kHz // SW (15343 kHz)." Dave Kenny, UK <dave_kenny@mon.nbc.co.uk> "1206 could be by Radio Payam, Iran (a national news service from Tehran) Payam is also live on the IRIB web site, so may be possible to get a parallel." My conclusions: Propagation loss to from here to Morocco is much less than from here to Iran, although enhancements of Middle Eastern signals over normally-easier more-westerly stations can occur with ionospheric tilting prior to dawn on the transmitter end. I do get 1903 kHz at parallel next time, so maybe they'd be parallel (or a shortwave freq.?) A Web site parallel is not of much use to me since receiving is done in the car at seaside sites (not at home) and I don't have a laptop with wireless modem yet. If Radio Payam is a news station, would Koranic chanting be a likely component of the programming ?

1377 ideas: I wrote "Middle Eastern sounding music (strings, etc.) on 1377 kHz at 0050 UTC ... likely not France unless it's a kind of ethnic service." Steve Whitt, UK < whitt@virgin.net> "1377 probably either Asian Sound from Manchester, England (but that's high latitude signal path), or RFA Tanzania. Despite much listening around midnight UTC these are the only two stations I observe on 1377 in SE England." Martin Elbe, Germany < elbe@wolfsburg.de> "Most likely Prizren/Kosovo. They carry German programming (a service for German soldiers, like BFBS or AFRSS) from 1812-21 UTC, later on own programming in Albania. France signs off at around 1830 UTC." "May, I may suggest it try earlier, between 20-21 UTC. Depending on conditions I can hear either Prizren with the R. Andernach programming (sounds a little overmodulated, format is pop-music of course too.)."

My radio observations are included. While much information verifies and embellishes that found

Kosovo, next to Albania, is far enough south that the propagation could be viable. The Muslim culture of Albania has music plausibly similar to what I heard. It didn't really sound Indian and if UK was propagating that well it would have had one of their 1548 stations competing with VOA Kuwait. Virgin-1215 would have been overring Spain. That wasn't the case. The only UK signals of decent strength were 693 and 1089. Would Tanzania have Middle Eastern sounding string music? Tanzania has been heard very dominant on 1377 over the last days here in Holland.” Dave Kenny, UK <dave_kenny@mon.bbc.co.uk>"1377 could the music be Albanian? - if so perhaps Radio Prizren from Kosovo " My conclusion: Kosovo, next to Albania, is far enough south that the propagation could be viable. The Muslim culture of Albania has music plausibly similar to what I heard. It didn't really sound Indian and if UK was propagating that well it would have had one of their 1548 stations competing with VOA Kuwait. Virgin-1215 would have been overring Spain. That wasn't the case. The only UK signals of decent strength were 693 and 1089. Would Tanzania have Middle Eastern sounding string music? China, of course, would not be heard here in August ... if ever. Earliest Trans-Atlantic fade-ins are now at about 2245 UTC and you have to be right at the seaside to manage that. Saudi Arabia on 1921 is the usually the first station to fade in. Unfortunately this "juggernaut" shares the channel of the most likely Chinese station to be heard here. In the days when Urumji was on 1905, it was often logged in autumn around sunset on the east coast of the USA and Canada. ("Juggernaut", I learned doing a word puzzle last week, is an Indian word for a large image of Krishna that is set on a large cart, so would more properly be used by DXers to describe strong signals from India - Jim)

One more comment, from Mauno Ritola (Finland) in hard-core dx: R Payam is not in parallel with any other Iranian freq that I know. And it is always on 1205.67 kHz. It is not an "all news" station, they have about 3-minute news every half hour, and between that "modern" irani music. I would bet for Morocco, which is drifting, 1377. When listening to R Prizren during weekends it has always had a phone-in px with local pop music. Also Iraq has been heard very irregularly here.

Formats
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Changes in programming status; reported by listeners

As of August 15, via E-mail from Barry Finkel, WSCR indeed went to 670 kHz, the WMAS call, for Chicago's oldest radio station died. WXRT - 93.1's rock format is being simulcast on 1160 until Infinity Broadcasting sells that station.

As of August 15, via E-mail from Barry Finkel, WSCR indeed went to 670 kHz, the WMAS call, for Chicago's oldest radio station died. WXRT - 93.1's rock format is being simulcast on 1160 until Infinity Broadcasting sells that station.

My wife, Ann, and I enjoyed sightseeing in California (one of the most beautiful and interesting states on the planet!), and after she returned to NYC and her job, I continued traveling on the multitude of light rail, commuter ferries, commuter rail, and vintage trolley lines found in Vancouver, Edmonton, Calgary, and Seattle. Some interesting radio stations are found in these cities. In Edmonton, two three tower arrays, a four tower setup, and a six tower antenna farm are found just south of the city, to the east of Highway 91. I wish I had the time to delve into the area's radio more deeply, as some interesting Station Profiles are there to be heard!

My radio observations are included. While much information verifies and embellishes that found in the Log, many changes have occurred in the stations west which we east coast DXers love to hear!

Just in is an E-mail from Jim Nahmias, who notes that WHTY-1590, in Marine City, MI, has dropped its long time classic country, most recently ABC Real Country, to simulcast oldies on WLSH-1450, in nearby Port Huron.

This column comes from Tim Hall, on a business trip to Houston, as well as from Ann, who wrote many of the formats notes in the column while we drove along the incredibly wild and beautiful northern California coast, to Lassen National Park, Sonoma County, through the redwoods, and along the Big Sur region. Other northern California stations are from the M Street journal. Here is a mega-column.

KIEZ CA Carmel Valley - News and talk / KNRY-1240 (TF).
KCGO CA Costa Mesa - Jazz / KJAZ, expected to go dark soon.
XEJAZ CA Tijuana - Jazz / KJAZ.
WZER WI Jackson - EWTN Catholic.
KARI WA Bigjon (TF).
KMON MT Great Falls - Country music, ABC News "500 Country" booms into Calgary. I wish that it would boom into Fairfield!! (TF).
KVI WA Seattle - "570 KVI" Conservative talk (TF).
KMI CA Fresno - Talk (TF).
WMCA CA Riverside - ABC R & B Oldies.
CKUA AB Edmonton - Talk, classical, folk, jazz / 102.5, Calgary (TF).
CKBD BC Vancouver - Adult standards "The Unforgettable 600" (TF).
KNRO CA Redding - ESPN Sports as of 817 (TF).
KJLT TX Houston - Sports talk "sports Radio Star 6-10" (Tim Hall).
WJDB AR Thomasville - WW-I Rhythmic oldies.
CHED AB Edmonton - News, talk, "Alberta's News and Information Super Station" (TF).
KIDD CA Monterey - "Magic 63" Adult Standards (TF).
WNEG GA Tocca - WW-I Adult Standards.
WMPD NC Wilmington - Rock / WRWR.
KCS WA Edmonds - Contemporary Christian (TF).
CSL BC Richmond - Oldies "Oldies 650" and "650-C-isle" (TF).
KSTE CA Rancho Cordova - All syndicated talk "Talk 650" (TF).
KIRK TX Pasadena - Business talk "Houston's Business Radio 650" CNN News (Tim Hall).
CFR AB Calgary - "Oldies 66 - CFR" (TF).
KEIS WA Mount Vernon - Country music and talk (TF).
CHFA AB Edmonton - Standard CBC French programming (TF).
CBO BC Vancouver - Standard English CBC feed (TF).
KOVE TX Tomball - Talk, but not // KJOJ-880, KPRC-950 (Tim Hall).
KIRO WA Seattle - Full service news, talk, and sports (TF).
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730 CKLG BC Vancouver - Rock and adult contemporary "LG-73" (TF).
740 CBX AB Edmonton - Standard English CBC feed (TF).
760 WCP5 NC Tarboro - R & B oldies.
770 CHQR AB Calgary - News, talk "QR-77", "Calgary's News Talk Radio".
775 KNWX FL Fort Myers - News / WQAM.
780 KKOH NV Reno - News and talk "KKO", "News Radio 780" covers much of northern California - wish it reached the East Coast!! (TF).
790 CFCH AB Edmonton - Country music (TF).
795 KWSW CA Eureka - Adult standards (TF).
800 KBME TX Houston - ABC Standards "Unforgetable 790" (Tim Hall).
810 KDDD TX Dumas - Classic hits // FM.
820 WYPA IL Chicago - EWTN Catholic.
825 KGNW WA Burien-Seattle - Religion (TF).
830 KCGN WA Grass Valley - Talk (TF).
840 KVJY TX Pharr - Unica Spanish Talk.
850 KEYH TX Houston - Spanish ranchera "La Ranchera 8-50" (Tim Hall).
860 KTRB CA Modesto - News and talk // KFTH (TF).
880 CHQT AB Edmonton - News and soft AC "Alberta's Major News Station"
885 KMPX CA San Diego - Religion (TF).
890 KJQI TX Conroe - Talk // KPRC-950 "Supertalk 950" CBS news and features (Tim Hall).
895 KXI WA Seattle - Adult standards, remember it as a beautiful music station 35 years ago (TF).
900 CVJ1 BC Victoria - "AM 900", "Hits of the 60's, 70's, and 80's" (TF).
905 KPYN TX Atlanta - SRN (Salem Radio Network) Southern Gospel.
910 CKEG AB Drumheller - Country music "Heart of the Country" (TF)
920 CJCA AB Edmonton - Religion "The Light" (TF).
930 KXXT CA Paradise - Religion, Salem Radio Network (TF).
935 WAUR IL Sandwich - EWTN Catholic.
940 WCN1 KY Shivelyville - JRN Oldies.
950 KXTQ TX Lubbock - Talk and AP News.
955 KJS WA Seattle - All sports, 35 years ago was the #1 Top 40 Station in the Seattle market! (TF).
960 CFAC AB Calgary - Modern Country "Your Country Connection" (TF).
970 KFTJ ID Rupert - JRN Regional Mexican.
980 CKNW BC New Westminster - News, talk, adult contemporary (TF).
985 KIMS BC Eureka - Full service news and information "North Coast News and Information" (TF).
990 KAIT CA Pittsburg - Talk "The Cat" (TF).
995 CICX CA Madera - Hot AC // CIICX-FM.
1000 KFLG AZ Bullhead City - Talk, "The Valley Talk".
1000 KOMO WA Seattle - News, information, talk "News Talk 1000" (TF).
1010 CBR AB Calgary - Standard CBC English feed (TF).
1030 WGSF TN Memphis - Spanish programming.
1040 CKST BC Vancouver - Adult standards, show tunes, "AM 1040" (TF).
1050 KTCI CA San Mateo - Sports talk, some local, "The Ticket". Three tower array is right next to Highway 101, in Belmont (TF).
1055 KBLE WA Seattle - Brokered religion and talk, as it was 35 years ago as it was when I was stationed out here on Fort Lewis (TF).
1060 CKMX AB Calgary - Adult standards Broadcast News, "AM 1060".
1070 WLFE NY Plattsburgh - WW-J Country Music // WLFE-FM.
1075 KRAM OR West Klamath - Adult standards.
1080 KSCO CA Santa Cruz - Syndicated talk (TF).
1090 KMRG CA Fortuna - ABC Real Country "The Mighty 1090" (TF).
1095 KMP3 WA Seattle - Classic country (TF).
1100 KFAX CA San Francisco - Brokered religion. Heard a great commercial on KFAX for a dentist in Fremont who has a cure for halitosis (TF).
1105 WTWN VT Wells River - Religion, gospel "The River of Life". Signal goes all over northern New Hampshire and Vermont (TF).

1120 CKJZ BC San Martin - Ethnic (TF).
1130 CKWX AB Vancouver - All news "News 1130", Bloomberg Business (TF).
1140 CHRB AB High River - Religion and classic country "Southern Alberta's Family Radio" (TF).
1150 KHTK CA Sacramento - Sports talk, massive six tower array is off Highway # 99, SW of Lincoln (TF).
1170 WMST KY Mount Sterling - Soft adult contemporary.
1190 KDEF NM Albuquerque - Sports and Disney Children's.
1210 KSRB WA Seattle - Adult standards "KC Country", "Today's Hot New Country", four tower parallelogram is next to Highway # 2, just south of Red Deer (TF).
1215 KLOK CA San Jose - Spanish. Some local member of the NRC correct me if I am wrong, but I believe that they have a three tower array in the multi-colored ponds visible from the air in San Francisco Bay (TF).
1220 WWLE NY Cornwall-on-Hudson - CNN Headline News.
1225 WHJ1 TN Knoxville - JRN Adult Standards // WKCE.
1230 KRDJ MO Branson - JRN Classic Country.
1235 KYDA CA Vallejo - JRN Classic Country.
1240 KQEB AL Ozark - Classic Country, morning news block (TF).
1245 KJNY CA Monterey - "Talk Radio", "Voice of the Central Coast" // KIEZ 1450 (TF).
1250 KOOI CA San Francisco - Religious and talk, "AM 1250 (TF).
1260 KSBZ CA Palo Alto - News and talk, "Voice of the Redwood Empire" (TF).
1265 KKMJ MO Branson - Big bands, jazz, very old adult standards (TF).
1270 KLXR CA Redding - Classic rock, jazz, 35 years ago was the #1 Top 40 Station in the Seattle market! (TF).
1275 WMQW NY Buffalo - WWJ soft adult contemporary.
1280 KRTG NY Elmira - JRN Oldies.
1290 WENY TX Houston - Classic rock // FM "95.3 The Arrow" (TF).
1300 KQUR CA Salinas - Soft adult contemporary.
1305 KLOM TX Dallas - "AM 1300 (TF).
1310 KSOX CA San Francisco - "AM 1240 KSOX, 24 hour Sports Radio" (Tim Hall).
1320 KQJJ CA Monterey - "Talk Radio", "Voice of the Central Coast" // KIEZ 1450 (TF).
1325 K竖 VKW Portland - One on One Sports, "AM 1240 KSOX, 24 hour Sports Radio" (Tim Hall).
1350 KLOT CA Santa Maria - Adult standards.
1360 WAGS CA Boise - News, talk, "AM 1240 (TF).
1365 KBZD CA Sacramento - KAZM, "AM 1240 (TF).
Hello, and welcome to the first appearance of the revised Target DX column. While Paul has already given some idea of what this will be about and how it will work, I'd like to take that another step further. First, questions can be posed on the NRC/DXAS listserv, or via direct email, or via good-old-fashioned US Mail. Generally, questions posed on the listserv will be answered there, by myself and others. Those questions and responses will be edited (hopefully minimally, hi) and reprinted here. At this point, I've not yet decided whether to post questions and answers received directly without names if requested. I will attempt to group questions where appropriate in terms of subject matter, and will also try to be as current as possible. I anticipate that the column will appear every issue throughout the non-weekend period, quantity of material permitting. I will also be periodically creating questions. Answers may be derived from my own knowledge and experience and also from a number of other experts both on the listserv and elsewhere as needed.

Q: What are auroral conditions, and why should they concern me as a DX'er?

A: Many of us tend to toss around this term lightly, not realizing that for many DXers newer to the hobby, the term isn't self-explanatory. Many of us can recall learning about the Northern Lights (Aurora Borealis) in grammar school science classes. These displays are caused by energy from the sun coming into contact with the earth's geomagnetic field and combining to form a number of reactions. The same condition also causes highly variable and often very localized effects on radio signals in the auroral zone...
many bands.

On the BCB, the effect is that during periods of auroral conditions, which often coincide with displays of visible aurora, certain signals on certain paths may seem to disappear. This is because instead of the signals being reflected normally by one of the skywave reflective layers, they are absorbed by other layers induced by the aurora. In the Americas, these effects are the most pronounced in the Northeastern and North Central parts of the continent, although in particularly severe conditions, the effects can be noted throughout most of the US and all of Canada (the US Southwest is generally the least affected).

‘Normal’ nighttime skywave reception is dependent on ionospheric reflection and distance between transmitter and receiver. This distance determines which paths are viable, and also what elevation angles the path will take. If we assume a flat earth — it will be simpler if we think of the base of an equilateral triangle, and the signal path from the transmitter to the reflecting point in the ionosphere would be one side, and from the same point down to the receiver would be the other side. The angle created where either side meets the base is the elevation angle.) apply to each. Fortunately, there are a finite number of reflecting layers applicable. In an aurora, a layer of absorption may appear anywhere between the reflecting point and either the transmitter, the receiver, or both. This absorption may occur on multiple potential signal paths involving multiple reflective layers, because each path may have to pass through it.

When the auroral absorbs some signals, others which might normally be either weak or inaudible come to the top. The usual situation has signals coming from stations generally to the North being absorbed first, then, if the aurora is more severe, stations from the East or West may be affected. In the most severe conditions, some stations from the South may even be affected. But remember that only those signals which are propagated by skywave are subject to absorption. Local or semi-local may in fact appear stronger than usual as their groundwave signals will dominate.

Thus, many DX’ers refer to auroral conditions as meaning that Latin American and/or Southern US stations might be expected to predominate. By varying degrees, this is true. A key predictor of auroral conditions is the A-index, which measures activity in the earth’s geomagnetic field.

Q: During a recent period where auroral conditions were forecast, I only noted enhanced reception at the lower end of the dial, mostly from Cuba. Northern and Midwestern stations (WBBM, WGN, WLS, WTM, CBA, CKBW, CAC, CHN5, etc.) were still coming in with good signals. In addition, WWV hasn’t been reporting anything out of the ordinary?

A: First off, it is not all that unusual for the lower end of the band to exhibit auroral conditions while the upper end does not. This is because auroral absorption (as well as nighttime ionospheric [skywave propagation] is frequency-sensitive. Absorption of frequencies in the BCB occur from low to high as the MUF (Maximum Usable Frequency) rises through the range of frequencies which make up auroral activity. Second, however, you were experiencing wasn’t really classic auroral conditions. As you observed, neither the A nor K indices were elevated. Typically, for classic auroral conditions to occur, there either needs to be a day where the A index exceeds 50, or as many as three consecutive days where it exceeds 20, and even these numbers are not firm. What was most likely responsible is a geomagnetic disturbance, which selectively and briefly (owing to size and duration) disrupt normal conditions.

Finally, it should be noted that it is also not uncommon for these types of events (and also classic aurora) to be ‘uneven’. It may be helpful to think of an area of auroral absorption as if it were a patch of visible aurora, certain signals on certain paths may seem to disappear. This is because instead of the signal being reflected normally by one of the skywave reflective layers, they are absorbed by other layers induced by the aurora. In the Americas, these effects are the most pronounced in the Northeastern and North Central parts of the continent, although in particularly severe conditions, the effects can be noted throughout most of the US and all of Canada (the US Southwest is generally the least affected).

Depending upon the location of the absorptive material relative to these signal paths, none, some, all-but-one or all of the possible paths may be blocked by areas of absorption. But move either the transmitter location or receiver location set, there may be multiple nighttime skips which are possible, and the absorption, owing to all of the above variables, may not always affect all.

Anotherfactor too was that I was married when I lived on L1 and I would often go to the East End with my wife, usually to Montauk. by the time the TAs might appear it was near sunset and I was then being asked to get dressed for dinner at Gosman’s Dock, a place where serious DXing of course was not possible... I did live for 6 years on the L1 North Shore a bit east of Port Jefferson, very close to the Sound, across from Bridgeport. The French Canadi-
ans from Quebec were always well heard there and it was a very good TA location as well, since the arrival angle from Europe used a lot of the Sound. Greenport would show similar conditions as well, but I never took a good receiver there. I do remember CHSJ-700 could be heard in the daytime in the summer out that way.

Russ Edmunds <w2bzh@hotmail.com>: The signals bounce off the water somewhere in the mid-Atlantic, then back up and then again down to the rx. I'm more inclined to believe that it is a combination of the relatively clear horizon and the excellent ground, although the amount of difference observed shouldn't be this great as it is. It may be that this combination permits a multilayer path, but they are paths only very different from one another to somehow congregate. I do know that when Ron Schiller DX'ed from Monmouth Beach NJ, he was on an inland waterway and less than a mile from the ocean, and he had that kind of enhancement. I believe that he did the same thing years later from Long Island. And, given the differences I've noted here I've put the wavemeter of this and that one, (a result of the increase of land mass at this end of the signal path of about 150+ miles for much of Europe) the addition of ground at this end in substitution for ocean is very substantial. For some as-yet-not-fully-understood reason (a) this occurs. I don't recall anything in any of the literature I've read about this, although it is certainly no coincidence that many of the early radio pioneers used seaside sites for their experiments.

Barry McLannon VE3JF <mcm@yelx.ve3jf.ampr.org>: The effect is known as "sea gain", and it often appears as one of the factors in empirical formulas for estimating the field strengths of MW skywave signals. The MW skywave signal coming in at a low angle becomes a groundwave signal for the last part of its travel (and the first part near the transmitter site too, of course). Attenuation of the signal over these segments of the path is therefore much the same as for groundwave signals - very low over salt water, and much higher over land (especially land with low conductivity). The difference is the "sea gain" factor for receivers located close to the coast. A book I have ("Propagation of Radio Waves", from the IEE in the UK) shows the sea gain plotted as a function of the ground distance for the path. Since the gain is greatest when the skywave is at a low angle, it peaks when the distance is the maximum for one-hop propagation (about 2000 km), two hops (-4000 km), and so on. In between it dips a bit lower - e.g., near 4000 km and 6000 km it's about 10 dB, but it's only about 4 dB at around 2700 km and 6 dB around 4800 km. According to the book, ITU-R Recommendation 435 gives a procedure for calculating sea gain in more complex situations (receiver located inland, irregular coastlines, etc.), but I don't plan to delve into it that deeply, since I'm nowhere near a coast. --

Marc Delorenzo <rdcpdp.state.ma.us>: This message is for sharing! That explanation makes it very clear to me. I have wondered for years why skywave is better at the beach. Groundwave was obvious but skywave had me puzzled. I have DX'ed from Cape Cod beaches since 1984.

Russ Edmunds: That makes sense, certainly. And that is another reason why some of the Spanish and Moroccan stations seem to be more common. I don't recall if I was aware of that element before or not. It would be interesting to know just what kind of distance on that first or last segment of the signal path typically (if there is such a thing) acted like ground for their experiments.

Lee Freshwater <LFreshwater@aol.com>: Patrick, One thing I have learned in 30 years of radio is "deeper the better". I was just up to a transmitter site in the NC Mountains. They have driven ground rods with 120 wires fanned out in a circle. The "radials" are insulated THHN type from the hardware store. I dug my AM system to the transmitter site and found my ground rod. I've read that you can dig a complete and perfect example of what you are talking about. Grounding is as important as the antenna (if not more).

Lee Freshwater: Mark, Well said. I had an engineer friend in Alabama that had a set of railroad tracks where the best signal came from your ground rod. I've read that you can dig a complete and perfect example of what you are talking about. Grounding is as important as the antenna (if not more).

Fredrick R. Vobbe <fredv@nrdcaos.org>: Very good description, Mark. One only has to look at the radiation angles/field-strength of two stations on the same frequency, one with a good antenna system, and then compare it to another one with a ground and a lower signal strength. Of course the same holds true for any ground and a lower signal strength. The key is to make sure your ground is effective.

Bruce Conti <BACONTI@aol.com>: Ground radials work great here. I use radials buried just a couple of inches underground. Just use a garden shovel to pry up the lawn and stuff the wire underground. Textbooks recommend ground radials of about 1/4 wavelength minimum. I have 100-ft antenna wires, and the ground radials are about 50-ft long. I use the same wire for ground radials that I use for the antennas; insulated THHN type from the hardware store. Solder the radials to your ground rod and use a规模化 of cement to make sure your ground rod. I proudly replace the soil with a mixture of rock salt, manure, and top soil, before pounding in the ground rod.

Russ Edmunds: Reminds me of what a ham buddy of mine several years back did - he built a pit, filled it with a mix of topsoil, sand, loam and some clay, and then ran all of the downspouts from his house and also his pump discharge into it to augment the dampness during dry times.

Ben Dangerfield <BEN-DANGERFIELD@msn.com>: Bruce, just what are these ground radials supposed to do? Improve ground signals? Improve skywave signals? Reduce noise? I have a short ground wire connected only with a footprint of a foot just outside my window. I use it off and on with my phasing units and it does reduce some of my noises. Not sure if it improves any signals.

Bruce Conti: Ground radials improve the electrical conductivity of the ground plane. According to Victor A. Misek in "The Beverage Antenna Handbook," a low loss ground system tends to suppress locally generated noise. In addition, changing suspicions expressed by Patrick Martin and others.

Misek states, "A lossy ground can cause seasonal and even daily variations in antenna impedance as soil conditions change from dry to rain-soaked to snow and ice covered. The impedance is always changing and never stays matched. The use of parallel ground conductors or wire mesh to increase the effective ground conductivity will help to minimize the signal variations due to weather and minimizes the effects of ground conductivity anomalies under the antenna." For the noise-reduced system I've installed, the use of ground radials has significantly improved the effectiveness of the noise reduction. The ground radials act as an effective counter-poise for the wire antennas. Visit any AM tower installation, and the engineer should be able to tell you about the ground system, which often includes ground radials. During a visit to the WKBR site during the 1994 NRC Convention, we found many ground radials on top of the soil. 1/4 and 1/2 wavelength towers depend on the ground to extend the electrical length of the antenna. I believe that it's the same for end-fed wire receiving antennas. For wires at less than a wavelength, the ground becomes part of the antenna's electrical length. In Misek's discussion of wave antennas (end-fed wires or Beverages), a poor ground "results in shortening the electrical length."
A question from the DXDX-West Editor:

Bill Hale <phantom2@eave.net>: Here's another subject I'd like to hear comments on...I do a lot of listening in bed, light out, ears in, waiting for sluemer. Next morning, I wake to whatever frequency was there when I curled out. Then I tune around for awhile listening for DX. If I don't push one of the 32 memory buttons on the DX-100, I don't know where I am on the dial. So...can a synthesizer with a limited vocabulary of "zero", "one", "two", etc through "nine" be integrated into a radio so as when a button is pressed the "voice" says "seven-six-zero" or whatever frequency you're on? If not, why not? This would be especially valuable to a sight-impaired DXer. Let's hear from you tech types.

And some more receiver talk:

Jerry W. O'Dell <jwodell@ameritech.net>: I'm just getting interested in this again, and I haven't heard WWL, New Orleans, for many years. Wonder what happened to them. Just got a CCRadio, and it's pretty good, but not like my old AWR IC-850. Ah, to my good old days - ACR 805.

Mark Durenberger: Jerry if you like good AM sound, get on ICF-2010. It's a Sony 7600 slide-rule-dial receiver. IMHO one of the best-sounding AM radios in captivity.

Kevin Redding <lw2eks@juno.com>: Really Mark? How is it on reception? I am not saying much about the SR811 except I sure like the way they sound. That big speaker does a nice job. I would like to hear one of those 7600's someday.

Mark Durenberger: Very good. It's called "wide", its selectivity isn't quite up to some of the digital-tuned radios, but I think Sony did an excellent job of design on this one. Only drawback is no analog tuning. I'd go up on 75 meters, and the most awesome signal there was 20 kHz. Able to have terrible audio since it was designed with a "no-tune" feature. DX performance. The IC-850 is an excellent analog receiver. I can't afford the $1000 price tag for the Drake, but I can get a good deal on a Sony ICF-1000 for about $300, and you need to be upgraded with a good filter for 10 kHz and better.

Bruce Conti: Regarding Jerry's comments about the CCRadio, the bandwidth of the CCRadio is purposely limited to 4 kHz, to reduce interference from adjacent channels. This is a requirement for any serious AM DXing. This is the bandwidth for long distance news/sports talk radio, which the CCRadio was primarily designed to receive on AM. To hear the transatlantic signals often requires reducing the bandwidth to around 2 kHz. When using a narrow bandwidth, sound can be sharpened simply by tuning slightly off-frequency. A receiver that is reported to have good sound will typically have a bandwidth of 10 kHz or greater, perfect for airchecks of strong stations, but not useful for DXing. The Drake R-8A (slide rule dial) has a 1 kHz bandwidth, which is selectable AM bandwidths of 6.4, 2.3, and 1.8 kHz. If you can't afford the $1000 price tag for the Drake, then the Sony ICF-1000 is another favorite, but needs to be upgraded with Kiwa filters for improved DX performance. The Palstat R30, a newcomer, is also a good DX receiver when outfitted with a Collins narrow filter.

Mike Pietruk <mepietruk@shellworld.net>: I'm a bit old on the 7600. I have one of them in the closet - nonfunctioning on a battery charger - wonder how he would like to see a DCRadio for his IC-850. I am wondering if he is any business that can work on these receivers to get them functioning again.

Jerry W. O'Dell: I got interested in radio because my dad had one of those big old RCA console radios. I'd go up on 75 meters, and the most awesome signal there was W3UM, the U of Missouri station. Super quality, and I think they built it all. I hear that if it had been been closed, I would have taken it up a notch. I really hate that mode - although there is no reason that it has to sound as awful as it does. But that's another story.

Jerry W. O'Dell: "watch for a Sony 7600 analog slide-rule dial receiver." Will do -- but I'm an old person, and a really good sounding radio (not very selective) with a Zenith tube radio with FM and 50 kHz bands. Even if you have one, I still think that it would have taken me another trip to the shop to get it up. I really hate the mode - although there is no reason that it has to sound as awful as it does. But that's another story.

David Coons <davidcoons@webtv.net>: I am one who returned a CCRadio. I feel it is inexcusable to have terrible audio since it was designed with a 4k limit and at least provide low distortion sound without hiss and a usable treble control.

Paul Smith <sunray@gate.net>: If you will contact me off list, I might be able to help. I'm in the business.

Jerry W. O'Dell: On the shelf in front of me is a big old Sony, about 10 inches long, and 8 inches high, with 10 buttons. It still works, although the band switch needs a good shot of cleaner from time to time. Wonder if that is the 2600 FM and shortwave + BC. I don't see any numbers on it, and about 9000 CDROMs would fall down if I moved it!

See you in two weeks.
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**KJZY OR Salem**
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**WIL PA Johnstown**
**WUPA PA Lancaster**
**WBCB PA Levittown**
**WLMF PA Lewistown**
**WMGW PA Meadville**
**WMGW PA Meadville**
**WVGB SC Beaufort**
**WCDG SC Chester**
**WMRB SC Greensville**
**WSDC SC Hartsville**
**KFCR SD Cotter**
**KORN SD Mitchell**
**WOPI TN Bristol**
**WXDB TN Chattanooga**
**WCSV TN Crossville**
**WJFA TN Knoxville**
**WJFM TN Lewistown**
**WXDL TN Lexington**
**KNOW TX Austin**
**KIBL TX Beeville**
**KBST TX Big Spring**
**KQRY TX Berger**
**KNEL TX Brady**
**KWMC TX Del Rio**
**KSAM TX Huntsville**
**KZTN TX Littlefield**
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**KDOK TX Tyler**
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**KVGV UT Ogden**
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**WFAD VT Middlebury**
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**WCVA VA Culepeper**
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**WVEC VA Hampton**
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**X120 OR Salem**
**Shawn Axelrod**
**Esa Hänninen**
**Winnipeg**
**Esa Hänninen**
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**Sports Networks**

Barry S. Finkel  
bsfinkel@ANL.gov

10314 S. Oakley  
Chicago, IL  
60643-2409

**Network listings for team sports stations**

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**Charlotte Sting** 106.1  
**WNXM-NC**

**Cleveland Rockers** 1300  
**WREJ-AM**

**Detroit Shock** 1310  
**WYJR-MI**

**Houston Comets** 1950  
**KPRC-TX**

**Indiana Fever** 1070  
**WIBC-IN**

**Los Angeles Sparks** 830  
**KPLS-CA**

**Miami Sol**  
**TBA**

**Minnesota Lynx** 1130  
**KFPN-MN**

**New York Liberty** 620  
**WJZT-NJ**

**Orlando Miracle** 580  
**WDBO-FL**

**Phoenix Mercury** 860  
**KMVA-AZ**

**Portland Fire** 750  
**KXXL-OR**

**Sacramento Monarchs** 1140  
**KHTK-CA**

**Seattle Storm** 950  
**KJR-CA**

**Utah Starzz** 1320  
**KFNZ-UT**

**Washington Mystics** 1260  
**WGAY-DC**

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**Cleveland Rockers 2000**

Joe Tait  
1570  
**WANW-AM**

930  
**WEOL-AM**

1300  
**WREJ-AM**

1350  
**WTHU-AM**

1450  
**WHBC-AM**

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Tim Hall sent me the URL of the New York Yankees' network list (http://www.yankees.com/boxoffice/radio_affiliates.php). I checked that list and it is identical to the list that Bob Gailerstein got from the "c" drive of the MSG Network's coordinating producer.

Here is National Football League flagship information from "Sporting News Pro Football Guide", "Sporting News Football Preview", and the Internet via Ken Onishchuk. I have little information on foreign language broadcasts. I have little information about announcers; where I have not seen the announcers' names on the Web, I have included the announcers from previous years (denoted with a "*"). There are sixteen network lists that I have seen on the Web; those follow the flagship list. Tim Hall gave me the URLs of some of those lists. Note that some of the lists on the web have an explicit "DO NOT DUPLICATE" warning; in those cases I have included only the URL. Please send me any network lists that you may have (or the URLs thereof).

CBS Radio will be broadcasting weekly games; I assume Sunday PM, Monday PM, maybe Sunday afternoon games, and all the playoff games. I heard Monday Night's opening game in Chicago. Note that the list of CBS Radio stations that carry the games is different from the list of stations that carry CBS Radio News on the hour. I have read that CBS Radio/Westwood One does not release their network lists.

**Arizona Cardinals** 1060  
**KDUS-AZ**

600  
**KSLX-AZ**

**Atlanta Falcons** 640  
**WGST-AM**

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Jeff Hullinger, Jeff Van Note
Baltimore Ravens 2000
820 WXTM-AM 1290 WBRD-AM 1390 WLAX-AM 95.9 WSM-AM
910 WSFA-AM 1300 WJFK-AM 1400 WJFRA-AM 98.3 WMSM-AM
960 WTGM-AM 1340 WHAP-AM 1410 WODV-AM 101.9 WLRB-AM
990 WVNZ-AM 1500 WEMP-WV 1500 WHAG-AM 106.3 WCME-AM
1280 WHYR-AM 1360 WHBG-WG 1470 WTRR-AM 107.1 WBCN-AM

Carolinas Panthers
Bill Rozinski, Roman Zinc, Jim Skoza <http://www.panthers.com/home/panthersradio.cfm#radio> (08/16/2000) DO NOT DUPLICATE

Chicago Bears 2000
780 WBBM-AM 1280 WGLR-WI 1440 WCEM-AM 1600 WMCM-AM
1060 WBBM-FM 1300 WISH-FM 1340 WROK-AM 97.7 WLKQ-FM
1130 WZIM-AM 1280 WHBM-AM 1460 WJCI-AM 104.7 WLSM-AM
1150 KCPS-AM 1300 KILO-AM 1490 WAIR-AM 106.3 WCJJ-FM
1170 KJOC-AM 1280 WPXO-AM 107.9 WBLS-AM

Dallas Cowboys 2000
560 KFLO-AM 1240 KYJO-AM 1550 KCOM-AM 97.9 KOMF-AM
600 KLVI-FM 1300 KJJO-FM 1380 KWBX-FM 99.9 KSHE-AM
660 KRTY-AM 1260 KXJO-AM 1580 KRZ-FM 100.5 KMLV-FM
770 KTCF-FM 1380 KXTN-AM 1600 KRXI-AM 101.3 KLOX-AM
860 KXRB-FM 1400 KXRB-AM 1380 KXTI-AM 102.3 KEDJ-AM
890 KXRB-FM 1380 KXRB-AM 1580 KXRB-AM 102.3 KEDJ-AM
950 KXRB-FM 1380 KXRB-AM 1580 KXRB-AM 102.3 KEDJ-AM
1000 KXRB-FM 1380 KXRB-AM 1580 KXRB-AM 102.3 KEDJ-AM
1030 KXRB-FM 1380 KXRB-AM 1580 KXRB-AM 102.3 KEDJ-AM
1050 KXRB-FM 1380 KXRB-AM 1580 KXRB-AM 102.3 KEDJ-AM
1080 KXRB-FM 1380 KXRB-AM 1580 KXRB-AM 102.3 KEDJ-AM
1100 KXRB-FM 1380 KXRB-AM 1580 KXRB-AM 102.3 KEDJ-AM
1120 KXRB-FM 1380 KXRB-AM 1580 KXRB-AM 102.3 KEDJ-AM

Arizona Cardinals 2000
560 KBLU-AZ 1180 KYET-AZ 1340 KIKO-AZ 92.1 KZUA-AZ
780 KAZM-AZ 1230 KAA-AZ 1400 KRLV-AM 100.7 KSLX-AZ
960 KNTR-AZ 1230 KATO-AZ 1420 KTAN-AM 101.5 KLXK-AZ
1060 KDUS-AZ 1270 KDLY-AZ 1490 KFFN-AM 96.7 KPPV-AZ
1150 KDEF-NM

Atlanta Falcons 2000
Jeff Hullinger, Jeff Van Note <http://www.atlantafalcons.com/home/affiliates.cfm> (08/04/2000) DO NOT DUPLICATE

Sunrise-Sunset Times
Monthly maps (12) showing the average monthly sunrise/sunset times for the U.S.; customize them for your location. $3.00 for NRC members ($4.50, non-members). Order from NRC Publications; NY residents, add sales tax.
Kansas City Chiefs
Fox Football Radio Network 2000
Len Dawson, Bill Grigsby, Mitch Holthus, Bob Gretz
<<http://www.kcfx.com/kcchiefs/index.html>>

580 WIBW-KS 1320 KLWN-KS 1600 KMDO-KS 99.7 KFRT-MO
590 KOMI-MO 1340 KSEK-KS 99.7 KYSO-MO
650 KFEO-MO 1350 KMKN-KS 100.3 KUKU-MO
680 KGCF-KS 1360 KSDK-JA 90.1 KSDL-MO 100.7 KHOK-KS
687 KAKN-MO 1400 KWON-OK 92.5 KQMA-KS 100.9 KCKY-KS
910 KIN-A-KS 1420 KICK-KS 93.5 KLCK-MO 101.1 KFCC-MO
930 WTAD-IL 1430 QKQL-OK e 94.5 KRLX-MO 101.9 KQKY-KS
990 KRMK-MO 1450 KWBW-KS 94.7 KNCY-MO 102.9 KMMO-MO
1130 KIAC-IL 1480 KOKO-KS 95.3 KSNN-KS 103.1 KNDY-KS
1150 KFVR-IA 1470 KARJ-KS 97.9 KARA-KS 103.9 KSLQ-KS
1150 KRAM-IL 1490 KANK-KS 95.5 KANQ-MO 104.1 KOMB-KS
1200 KJAN-IA 1540 KITR-MO 96.3 KZRS-KS 104.9 KFXX-KS
1230 KJWT-MO 1510 KNNS-KS 96.7 KCMQ-MO 105.3 KJML-MO
1280 KKNK-NE 1520 KRHH-MO 97.3 KIQQ-MO 105.5 KKKQ-KS
1280 KFOR-NE 1540 KCLK-KS 97.7 WIBW-KS 107.5 KRLK-KS
1290 KWLS-IL 1550 KKKL-KS 97.3 KUSM-MO 107.7 KSOZ-NE
1300 KMMO-MO 1560 KAPE-MO 99.5 KREB-AR

Green Bay Packers
Wayne Larrivee, Larry McCarren
<<http://www.620wtmj.com/sportscentral/radionetworkaffiliates.htm>>

550 KFYR-ND 1280 WNAM-WI 92.3 WFDI-MI 99.7 WMIB-MI
560 WSAL-WI 1310 WIBA-WI 90.1 WDDC-WI
570 WMAM-WI 1320 WHRR-WI 90.1 WRFN-WI
580 WKTV-WI 1350 WPDR-WI 90.7 WDUX-WI
590 WIMS-MI c 1380 WFCL-WI 93.3 WBSZ-WI
600 WMTH-WI 1420 WITI-WI 93.5 WMPL-MI
600 WDUC-IL 1470 WATQ-WI 93.7 WKXW-WI
710 WDSM-WI 1490 WBIZ-WI 94.3 WPQI-WI
710 WMEQ-WI 1530 WUZI-WI 95.1 WLST-WI
740 WPAW-WI 1540 WRDI-WI 95.9 WMQA-WI
940 WTCN-WI 1420 WOC-IA 105.3 WRLQ-WI
940 WPRE-WI 1430 WREV-WI 96.3 WJMC-WI
1010 WSPR-WI 1560 WRDN-WI 99.6 WXXW-WI
1230 WIBK-MI 1450 KFZI-WI 97.1 WCOW-WI
1240 WCLO-WI 1510 WDLR-WI 97.7 WLGR-WI
1240 WIAN-MI 1490 WKCO-WI 97.9 WHEC-MI
1240 WMIC-WI 1490 WDSQ-IA 98.3 WCQI-WI
1260 WOBW-WI 1540 WJIM-WI 98.1 WKBW-MI
1260 WOJI-WI 1550 WOVI-WI 99.3 WKEB-WI
1260 WOKE-WI 1600 WEVR-WI
1280 KVOK-ND 1590 WIKX-WI

Minnesota Vikings
<<http://www.xcel.com/sports/vikes/radio.html>>

570 WNAX-SD 960 KTLF-MN 1270 KWEB-MN 1440 KKKL-ND
600 KEZY-FM 1060 KFGX-SD 1450 KLAQ-MN
610 KDAI-MN 1190 KSDK-MN 1450 KGUN-MN
650 WKQQ-MN 1390 KDMX-FM 1450 KBBN-MN
790 KFGO-ND 1210 KOOK-SD 1320 KQZY-MN
830 WCCO-ND 1220 KDRD-ND 1330 KDRQ-MN
860 KNJU-ND 1340 KTRI-ND 1400 KDMN-ND
920 KDHJ-MN 1490 KFRO-MN 1490 KNDJ-ND
930 KKIN-ND 1400 WJON-MN 1490 KRRZ-MN
950 KSDN-SD 1500 KDLR-MN 1490 KQDJ-MN
950 KWAT-SD 1500 KROX-MN 1410 KRMB-MN

Pittsburgh Steelers 2000
Bill Hilligrove, Myron Cope, Tunch Ilkin
<<http://www.steelers.com/default.htm>>

590 WARM-PA 1170 WWVA-WV 1450 WFMN-MD
680 WISR-PA 1230 WBVP-PA 92.7 WCCF-PA
800 WCHA-PA 1330 WGLP-WV 99.3 WPQR-PA
850 WJAC-PA 1340 WCVI-FM 1480 WZFF-PA
900 WCER-OH 1390 WINK-OH 1480 WESQ-PA
910 WYLI-OH 1400 WRSC-FM
970 WWWR-VA 1400 WBOB-PA
970 WWSW-PA 1420 WDCE-PA
970 WVSC-PA 1430 WQKY-PA

San Francisco 49ers 2000
Steve Savid, Jack Snow, Malcolm Briggs
<<http://www.klou.com/network.html>>

550 KMUI-HI 846 KSFB-OR 1390 KJUK-OR
570 KFTY-CA 880 KTMZ-OR 1380 KTON-CA
580 KLAC-CA 920 KIAT-CA 1400 KEQO-CA
580 KMK-CA 920 KBEQ-CA
600 KNRO-CA 980 KSIV-CA
610 KAVL-CA 1160 KSL-UT
620 KJR-CA 1240 KELK-CA
620 KPLU-HI 900 WBBW-OH
750 KJGH-CA 1490 KEJQ-CA
780 KMOH-CA 1250 KTMSC-CA
810 KGCO-CA 1280 KJAX-CA
830 KNC-CA 1300 KPTL-CA

St. Louis Rams 2000
Steve Savad, Jack Snow, Malcolm Briggs
<<http://www.klou.com/network.html>>

800 KREO-IL 1220 KJIR-MO 1490 KTGG-IL
900 KFL-CA 1310 KOCR-MO
900 KORD-IL 1340 WJFP-IL
940 WMM-IL 1350 WATZ-IL
950 KWSO-IL 1360 KBBK-IA
950 WMYL-IL 1390 KIPW-MO
970 KWTO-IL 1400 KXIM-IL
990 WCAZ-IL 1450 KJPW-MO
1020 WARCH-IL 1460 WBBM-IL

Tampa Bay Buccaneers 2000
Gene Deckerhoff, Scott Brantley, Tom Korun
<<http://www.buccaneers.com/season/broadcasts.asp>>

740 WJNF-FL 1270 WNL-FL
900 WMOP-FL 1430 WLVK-FL
900 WSWN-FL 1450 WSTU-FL
1010 WQYK-FL * 105.9 WYFN-FL
340 WSHF Valparaiso, FL
340 KACH Preston, ID
340 WKOD Kutsukawa, MS
340 KXEO Mexico, D.F.
340 KTSN Elko, NV
340 WVLV Lockport, NY
340 KXRD Mexico, D.F.
340 KHHN Hugo, OK
340 KWAR Enterprise, OR
340 KOIL Oil City, PA
340 WRAW Reading, PA
340 KTOQ Rapid City, SD
340 WKRM Columbia, TN
340 WMAZ Macon, GA
340 KLKI Anacortes, WA
340 KRLC Lewiston, ID
340 KXMBM Malek, KS
340 KBRX O'Nell, NE
340 WEBS Laconia, NH
340 WQXN Athen, TN
340 WQXX Oxford, GA
340 KCLR Clarksville, TX
340 WBJT Bedford, VA
340 WBLK De Kalb, IL
340 KRWF Buffalo, MN
340 WFFC Columbus, MS
340 KBUP Rudoso, NM
340 WELP Easley, SC
340 WGCL Bloomington, IN
340 WGOH Grayson, KY
340 KWRT Bowling Green, KY
340 KBQI Port Huron, MI
340 WDWE Lawrenceburg, TN
340 WJIK South Beloit, IL
340 WREL Leavenworth, KS
340 WMTA Central City, KY
340 KUHR Holden, NE
340 WSTB Rutland, VT
340 WBJM Leon, SD
340 WZHF Alexandria, VA
340 WZHR Zephyrhills, FL
340 WRCN Narragansett, RI
340 WCYN Cynthia, KY
340 KAOK Lake Charles, I.A
340 WKNW Salt Lake City, UT
340 KLIN Lincoln, NE
340 KQEN Enfield, PA
340 KBWU Notasulga, AL
340 WZBD Farmington, CT
340 WRCV Grand Rapids, MI
340 WLSH Lansford, PA
340 KGUN Tucson, AZ
340 WPTC Clinton, SC
340 KTOE Mukato, MN
340 KREK California, MO
340 WMYN Madison, NC
340 WVOT Wilson, NC
340 WEMB Erwin, TN
340 KJUD Carthage, MO
340 KUJW Walla Walla, WA
340 KASH Ames, IA
340 WNWA Annapolis, MD

**Musings of the Members**

*Thoughts from NRC members — the opinions expressed in this column are those of the individual writer and do not necessarily reflect the views of the editors, publishers, or the National Radio Club, Inc.*

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**Martin Green** — 38 Brougham Street West — Launceston, Tasmania, 7250, Australia (Rec’d 8/5)

Hello from DOWN UNDER! I suppose the time is appropriate to send in a MUSE as it is some 47 days, as I write (07/30) until the 2000 Olympics in Sydney. An important part of this years event will be the Australian Broadcasting Corporation communications to Australia and Australia to the World. For those who DX the medium waves. Stations known as metropolitan and regional ABC networks (refer to the current WRTB List) what these stations are. On going post Olympics, the ABC should be broadcasting around 24 hours a day starting from the beginning of the event till the last day (the ABC is NOT the host TV broadcaster, the "7 Network" to cover that). Trying to get a reception report off to whatever station that may be located may be a bit of a problem as far as what content may be. The best advice is to be listening to the 2000 Sydney Olympics. I would submit reports to the ABC, especially during the coverage. The Parliamentary Network may do some coverage also. As far as the commercial stations, they may do some broadcasting of events. In Sydney, 2GB 873 and 2UE-954 may be a couple to have a go for. Before the Olympics, a couple of National Football Grand Finals will be played, these being the Australian Football League or colloquially known as Aussie Rules and also the National Rugby League. The Grand Finals of these events have been brought forward about a month earlier than usual as a direct result of the games. That’s all for now and good listening! (Thanks for the report Martin, and we hope you’ll keep us posted on the goings on in your area-DWS)

**George B. Holland, Jr.** — 22 Keedler Drive — Latham, NY 12110-1607 (Postmarked 7/30), rec’d 8/5

In response to your question for reinstructions, I am a relatively inactive DXer; I am 84, a retired bank president. My equipment consists of a Radio Shack DX44 receiver, and a small loop antenna (Radio Shack cat. #18-1653). My verified log totals 886 (22 countries). First veries was Jan. 1931. Number 885 is Kivitos, Norway (cellar reception, barefoot). In the early days, I verified 2GB Sydney, 4OQ Brisbane, and 5OK Sapporo on a 7 tube Warb table radio (also the low powered 105's, 3 from ON and 1/2B, 25 watts, Moistake). Later, I had great DX with an HQI/29X (wish I still had it). Currently, I am listening mostly for reports….I am still DXing 885 for Spain….I am DXing the DXCC list….I am DXing the More DXCC list. The USA stations are well received, even on the car radio. As I mentioned in my last report 5 years back, I envy MARK CONNELLY’s location and equipment. Wish I spoke his language but its mainly Greek to me (pennant antennas, etc.) Jim Renfrew’s column is most valuable….would never have found Norway-1314 without it. Guess I’ll sign off now, don’t want to be too time-winded for an inactive DXer. 73. (It never happens George, and thanks for checking in again-DWS)

**Wayne Heinen** — 4131 S. Andes Way Aurora CO 80013

I guess it’s been at least a year since I’ve showed up in Musings! DX the last few years has had some limitations caused by the QRM from lots of neighbors with computers and other RF generating devices. Most catches have been early morning or late evenings when they’re shut down. The 21st edition of the LOG is out and I’ve already made the first few dozen database changes for the 22nd edition.

As a re-intro: I started BCB DX'ing in 1963 in Orchard Park NY and joined the NRC in February 1965. I've been DX'ing from Colorado since 1975. I'm primarily a Domestic DX'er and QSL collector, a portion of the hobby that has become rather difficult and expensive over the years. I'm active in amateur radio, NOC and frequent bands 6 meters and up. I just passed the big 30 years of age and am employed as a real estate appraiser for the Arapahoe County Assessor. That's about all from Colorado for this time; hope all had a great time in Lima and that 2000-2001 will be a great DX season.

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**Team Effort...**

That's what makes the NRC so great! And all information, contributions, and editing for DX News, DX Audio Service, and all publications is done by unpaid volunteers as part of a team. Perhaps you have a little time to give to your club... if so, please write to Ken Chatterton - P.O. Box 104 - Marysville, NY 13346-0104, and let him know what talents and time you can offer to the club. Updates to the NRC AM Log are always welcomed. Why not write to Ken today!