

DXN News

• Serving DX'ers since 1933 •

Volume 74, No. 15 • January 15, 2007 • (ISSN 0737-1659)



Inside ...

- 2 ...AM Switch
- 3 ...Formats
- 4 ...DDXD
- 10 ...IDXN
- 12 ...Professional Sports Networks
- 16 ...NRC Contest
- 20 ...LBI-5 DXpedition
- 23 ...For Beginners



Station Test Calendar

KRSN NM 1490 Jan. 28 0100-0310

KRSN-1490 ... will conduct a rescheduled DX Test on January 28, from 1:00 through 3:10 am for ten minutes at the top of each hour; the test will consist of phonetic voice IDs, Morse code IDs and tone sweeps. According to Mike Westfall, "KRSN-1490 Los Alamos, New Mexico has installed a new Harris DAX-1 transmitter and is now ready to reschedule the DX test that failed to happen in November. As before, the test will run for 10 minutes each at 1:00 am, 2:00 am and 3:00 am, And as before, this will be a challenging test, as KRSN is on an STA that allows them only 640 watts. The antenna is a short (about 80 foot) folded unipole mounted on a 150 foot tower. The top of the tower supports several bays of cell phone antennas. (Trivia: KRSN is planning on installing a Kinstar antenna in a few months after a permanent antenna site is located -- they are currently in negotiation with the county for a 99-year lease on a site.)

Reception reports via e-mail are preferred. Send reports to: dxtest@krsnam1490.com

For those who cannot send e-mail reports, the address for Postal reports is:

KRSN AM 1490 - 145 Central Park Square - Los Alamos, NM 87544

A recording of the test is requested. Most formats are acceptable for e-mail attachments. Audio or data CD or cassette for Postal reports. If a recording is not available, please include a detailed description of your reception including the sequence of test elements, description of sweep tones, etc.

From the Publisher ... I'm sick of dealing with the "lost" #11 ... seems that those NRC'ers living in the infamous "East Coast Black Hole" not only did not start receiving their copies of #11 until around January 5, but at least one received #12 three weeks late also! Argghhh!

Unfilled positions ... We're still in need of vol-

unteers for the following positions, as described in detail in V73, #27, the June '06 DXN: A person proficient with phpBB to maintain the e-DXN site; one or more additional moderators for e-DXN; one or more persons to edit future NRC publications; one or more persons to scan or retype reprints currently in print; one or more persons to scan verie letters to be placed on the NRCDXAS web site; several persons to research and prepare a book in commemoration of the NRC's 75th anniversary; a "DX Targets" editor; a technical column editor; a nationwide QSL coordinator (preferably a joint NRC/IRCA/WTFDA member); someone to type e-mail reports for members who don't have computers.

DXN Publishing Schedule, Volume 74

| Iss. | Deadline | Pub. Date | Iss. | Deadline | Pub. Date |
|------|----------|-----------|------|----------|-----------|
| 16. | Jan. 12 | Jan. 22 | 24. | Mar. 23 | Apr. 2 |
| 17. | Jan. 19 | Jan. 29 | 25. | Apr. 6 | Apr. 16 |
| 18. | Jan. 26 | Feb. 5 | 26. | May. 4 | May 14 |
| 19. | Feb. 2. | Feb. 12 | 27. | June 8 | June 18 |
| 20. | Feb. 9 | Feb. 19 | 28. | July 6 | July 16 |
| 21. | Feb. 16 | Feb. 26 | 29. | Aug. 3 | Aug. 13 |
| 22. | Feb. 23 | Mar. 5 | 30. | Sept. 7 | Sept. 18 |
| 23. | Mar. 9 | Mar. 19 | | | |

DX Time Machine

From the Pages of DX News

50 years ago ... from the January 12, 1957 DXN: Stan Morss, Bradford, MA reported hearing the following on the morning of 12/24: Germany-1602 at S-9 level; Sebaa Aioun-701 with Arab "hillbillies" at 0208; 4VEC-1200 with an NRC DX program 0300-0400; and VOUS-1480 from 0432 until the WDAS s/on at 0458.

25 years ago ... from the January 18, 1982 DXN: Jerry Starr took over the editorship of "AM Switch" from John Bowker.

10 years ago: ... from the January 20, 1997 DXN: "George Donahue" told DXN that his pirate days were over, and WJDI-1620, whose signal reached as far as Montana from near Albany, NY would not return to the airwaves.



AM Switch

Bill Hale w_r_hale@sbcglobal.net
6124 Roaring Springs Drive
North Richland Hills, TX 76180-5552



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

CALL LETTER CHANGES

| | <u>Old Call</u> | | | <u>New Call</u> |
|------|-----------------|----|------------|-----------------|
| 1230 | WTPG | OH | Columbus | WYTS |
| 1300 | WTMM | NY | Rensselaer | WEEV |
| 1460 | KABL | CA | Salinas | KION |
| 1510 | KYOL | CO | Littleton | KCKK |
| 1510 | KVCI | TX | Canton | KRDH |



CPs ON THE AIR

980 WTIX NC Winston-Salem - CP to add night operation as U1 1000/69 is on the air.

GRANTS FOR NEW STATIONS

1060 NEW CA Arroyo Grande - CP granted for U4 10000/1200 from 6 towers (6-day and night) at N35-08-44 W120-31-15.

ACTIONS

910 WSFE KY Burnside - Coordinate correction to N37-01-46 W84-36-23.

AMENDMENTS TO CONSTRUCTION PERMITS

1390 WEGP ME Presque Isle - Licensed for U2 5000/5000, WEGP has a CP for U4 50000/1000. This amendment requests U4 25000/10000.

APPLICATIONS

630 CKOV BC Kelowna - Applies to move to 103.1 MHz with 35,000 Watts.
 1040 WZNA PR Moca - Applies to increase their daytime power to become U4 9000/245.
 1090 WNVY FL Cantonment - Applies for U1 15000/28 CH 15000 on 1070 kHz. WNVY also has a pending application, dating back to 2004, to move to 880 kHz with D1 5000/0. [This updates the WNVY item which appeared in Issue 13]
 1450 KOBO CA Yuba City - Applies to increase their daytime power to become U1 1000/1000.

APPLICATIONS FOR RECONSIDERATION

1450 KIOV ID Payette - Application to change their City-of-License to Notus, Idaho, initially denied by the FCC, has been re-submitted with new engineering data.

APPLICATIONS DISMISSED

1050 CJNB SK North Battleford - The CRTC has the denied the application of CJNB to move to 102.9 MHz with 100,000 Watts.

OTHER STUFF

630 CFCY PE Charlottetown - Their simulcast time with the new FM station has expired. CFCY is now silent.
 1210 CKWA AB Slave Lake - Their simulcast time with the new FM station has expired. CKWA is now silent.
 1490 WDND IN South Bend - Lost their tower to a winter storm on December 31st. Their ESPN programming has been moved temporarily to sister station WWLV-1620.

HEAR AND THAR

- ☐ Since we seem to have a little extra space this week, I thought I'd add a bit of trivia. On an undated verification letter from KRVN in Lexington, Nebraska (then on 1010 kHz), the meaning of "RVN" is stated. What do the letters "RVN" mean?
- ☐ Fines: KWRD-1470 Henderson, Texas has been fined \$8000 for failure to ensure the operational readiness of station KWRD's Emergency Alert System. KWRD is a 'brokered' station, and it seems the 'broker' doesn't have a clue about most of the operational responsibilities of running a radio

station. But guess who has to pay the fine?

☐ Reported to have returned to the airwaves: **WBSL-1190 Bay St. Louis, Mississippi** per DX reports along the Gulf Coast; **WFHK-1430 Pell City, Alabama**. Hmmmm . . . this station was deleted in October 2006, and there is no indication on the FCC's Web site that any action has been taken to return the station to active status.

☐ Thanks to **Shawn Axelrod, Perry Crabill, Dale Hamm, Wayne Heinen, and Deane McIntyre**.

☐ Oh, yeah . . . the answer to the above trivia question is: **Rural Voice of Nebraska**. Now you know.

Formats

Wayne Heinen amradiolog@aol.com

4131 S. Andes Way

Aurora, CO 80013-3831

Changes in programming status; reported by listeners

| <u>Freq</u> | <u>Call</u> | <u>Location</u> | <u>New Format</u> | | | | |
|-------------|-------------|--------------------------|-------------------|------|------|---------------------|-------------|
| 550 | KFYR | Bismarck, ND | OLD/TLK | 1350 | WBLT | Bedford, VA | SPT |
| 620 | KTAR | Phoenix, AZ | SPT | 1350 | WZGM | Black Mountain, NC | OLD |
| 680 | KWKA | Clovis, NM | OLD/TLK | 1350 | WWWL | New Orleans, LA | NWS/TLK |
| 860 | WFMO | Fairmont, NC | SS:MEX | 1350 | KCOR | San Antonio, TX | SS:TLK |
| 920 | WOKY | Milwaukee, WI | OLD | 1360 | WHNR | Cypress Gardens, FL | SS |
| 930 | KAPR | Douglas, AZ | TLK | 1360 | WKAT | North Miami, FL | REL |
| 940 | WGRP | Greenville, PA | SPT | 1360 | WGJK | Rome, GA | NOS |
| 950 | WCTN | Potomac - Cabin John, MD | OLD | 1370 | WELG | Ellenville, NY | NOS |
| 970 | WXQK | Spring City, TN | OLD | 1410 | KDBS | Alexandria, LA | OLD |
| 980 | WBZK | York, SC | SS:REL | 1410 | WHLN | Harlan, KY | AC/EZL |
| 990 | KTHH | Albany, OR | C&W | 1430 | WXKS | Everett, MA | SS:Tropical |
| 1010 | KTNZ | Amarillo, TX | C&W | 1430 | WRXO | Roxboro, NC | C&W |
| 1020 | KCKN | Roswell, NM | C&W/REL | 1440 | KELG | Manor, TX | SS:REL |
| 1020 | KYXE | Union Gap, WA | SS:CHR | 1450 | KBEN | Carrizo Springs, TX | SS:REL |
| 1090 | WILD | Boston, MA | TLK | 1450 | WSTU | Stuart, FL | BIZ/TLK/SPT |
| 1110 | WTOF | Bay Minette, AL | REL | 1460 | KION | Salinas, CA | NWS/TLK |
| 1140 | KGEM | Boise, ID | OLD | 1470 | WLOA | Farrell, PA | SPT |
| 1150 | KUHD | Port Neches, TX | SPT | 1470 | KNFL | Tremonton, UT | NOS |
| 1160 | WMET | Gaithersburg, MD | NOS | 1490 | KCID | Caldwell, ID | NOS |
| 1190 | WLLI | Humboldt, TN | C&W | 1490 | WCHM | Clarkesville, GA | NWS/TLK |
| 1200 | WKOX | Framingham, MA | SS:Tropical | 1490 | WDPT | Decatur, AL | TLK |
| 1210 | KQTL | Sahuarita, AZ | SS:MEX | 1490 | KLNT | Laredo, TX | SS:MEX |
| 1230 | WITH | Baltimore, MD | REL | 1510 | KYOL | Littleton, CO | C&W |
| 1230 | KZTS | Sunnyside, WA | SS:CHR | 1520 | KFXZ | Lafayette, LA | C&W |
| 1240 | KIUL | Garden City, KS | TLK | 1530 | KNBO | New Boston, TX | REL/GOS |
| 1240 | KJAA | Globe, AZ | TLK | 1560 | KZQQ | Abilene, TX | SPT |
| 1260 | KKGO | Beverly Hills, CA | C&W | 1560 | WMRO | Gallatin, TN | AC |
| 1260 | WWIS | Black River Falls, WI | AC | 1570 | KMUR | Pryor, OK | OLD |
| 1260 | WGVM | Greenville, MS | SPT | 1580 | WHLY | South Bend, IN | REL |
| 1270 | KRVT | Claremore, OK | SS | 1590 | WABV | Abbeville, SC | TLK |
| 1270 | WHLD | Niagara Falls, NY | UC:GOS | 1600 | WRJE | Dover, DE | OLD |
| 1270 | WKBF | Rock Island, IL | REL:TLK | 1600 | KZGX | Watertown, MN | ETH/Hmong |
| 1280 | WDNT | Dayton, TN | OLD | 1700 | KVNS | Brownsville, TX | SS:AC |
| 1280 | KVWG | Pearsall, TX | C&W | | | | |
| 1300 | WEEV | Rensselaer, NY | TLK | | | | |
| 1310 | KYUL | Scott City, KS | TLK | | | | |
| 1320 | WILS | Lansing, MI | NWS/TLK | | | | |
| 1320 | KRLW | Walnut Ridge, AR | SPT | | | | |
| 1340 | WBAC | Cleveland, TN | OLD | | | | |

Contributors

Aden, Dvorak, DX Midamerica, DX News, Griffith, Hauser, Heinen, J.E. Lewis, Lyon, Northpine, [NRC-AM], Doug Smith, Sundman,
The Radio Journal



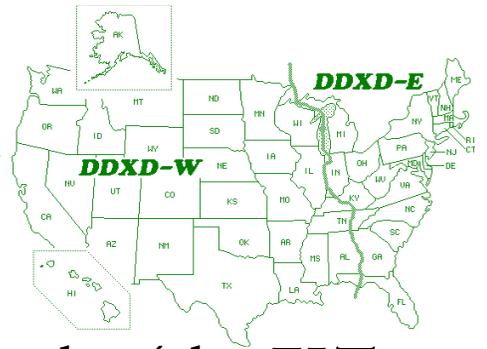
Are you expiring?

We hope not! To avoid expiration, mail your remittance to P. O. Box 5711 - Topeka, KS 66605-0711 early. Allow at least three weeks after mailing your check or money order for new renewal data to appear on your mailing label. Really late? Renew via PayPal via www.nrcdxas.org!

Domestic DX Digest

West: Bill Dvorak westlogs@aol.com (Division line
3358 Ridgeway Ave. - Madison, WI 53704-4327 is between East
and Central time

East: Mike Brooker aum108@idirect.com
99 Wychcrest Ave - Toronto, Ontario M6G 3X8 CANADA



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

DDXD-West

FROM THE VAST WESTLAND

- ▲ This has been a crazy winter in the **Vast Westland**, with all the snow in Colorado belying the almost unprecedented warm weather elsewhere. On the weekend of 12/30 and 31, ice storms hit parts of Kansas and Nebraska, knocking as many as 20 stations off the air. At least three stations, all FM, were off due to tower collapses (KJIL 99.1 and KHYM 103.9 Copeland KS, both on the same tower, and KSYZ 107.7 Grand Island NE), while the rest were victims of power outages. Among the AMs affected were KBUF 1030 Holcomb KS, KGNO 1370 Dodge City KS, KULY 1420 Ulysses KS and KMMJ 750 Grand Island NE, and there no doubt were more. Reports that I have seen had all these AMs back on air by Tuesday 1/2. In the meantime as this is being written on Friday 1/5, Madison WI is experiencing a record high temperature of 49 degrees! As I said, crazy!
- ▲ To the strains of Auld Lang Syne, **Vast Westland** DXers said good-bye to the old year with the last logs of 2006 and hello to the new with the first of 2007. The record of their accomplishments is contained in this column. Read on for some great loggings! 73 Bill

Reporters

- CR-IL** Christos Rigas, Wood Dale. Drake R8, Quantum QX-Pro loop.
DBJ-TN David B. Jones, Nashville. Drake R8B, Quantum QX Pro loop.
GH-IL Greg Harris, Park Forest. Icom R75 / Quantum Loop.
GT-FL Gerry Thomas, Pensacola. Various receivers; Quantum QX Loop v2.0+; Quantum Phaser with two longwires.
JJR-WI John J. Rieger, South Milwaukee. Icom IC-R75, Kiwa loop, MFJ-959B tuner-preamp.
JW-CO John Wilkins, Wheat Ridge. Drake R-8, 4-foot box loop.
NK-WI Neil Kazaross, DXing from Grafton. R8A and Phased BOG System: 350 feet at 63 degrees vs. 535 feet at 67 degrees.
SA-MB Shawn Axelrod, Winnipeg. ICOM IC-R70, Drake R8, 4 foot unamplified box loop, Quantum loop, 155 foot outdoor wire, 100 foot indoor wire, MFJ 1026 phasing unit.
SS-KS Steve Sprague, Coffeyville. DX-375, Select-a-Tenna.
WH-CO Wayne Heinen, Aurora. Drake R8B, N/S Flag, E/W Flag, Modified 4 foot NRC Altazimuth loop, 15 foot vertical whip, Dual TG-1 Termination Gizmo w/2 BUF-F amplifiers, Mini-DXP5, DX Engineering RPA-1.
Ed.-WI Your editor, Madison. Drake R8B, Quantum QX Pro loop.

Station News

- 920 WOKY WI Milwaukee. 1/4 1259.** Has changed format to '60s and '70s oldies from nostalgia, using the slogan "The Mighty 92." For many years, WOKY was a popular top 40 station. They have even brought back the "WOKY Mighty 92" singing jingle. (Ed.-WI)
- 1030 KEVT AZ Cortaro. 12/28 2102.** "You are listening to radio stations KEVT 1030 AM Cortaro-Tucson and KQTL 1210 Sahuarita" in EE repeated in SS. These two are now operating in parallel. (WH-CO)
- 1190 WBSL MS Bay Saint Louis. 1/1 1122.** Is back on the air with UC programming and slogan "Your Blues Connection." Station apparently returned to air about New Year's Eve. Formal legal ID heard is "WBSL 1190 Bay Saint Louis," but station IDs at other times as "WBSL...New Orleans." (GT-FL)
- 1210 KHAT WY Laramie. 12/30 0940.** Heard with good signal and ESPN programming, local spots; legal ID at 1000. Ex-Fox Sports, apparently. Don't hear this station very often, thanks to a strong signal from KGYN, as well as KLVZ 1220's IBOC. (JW-CO)
- 1230 KHAS NE Hastings. 12/31 0500.** "You are listening to AM 1230 KHAS Hastings." No

mention of an FM; probably no longer //FM. (WH-CO)

1470 KLCL LA Lake Charles. 1/2 0005. Is listed in the Log as C&W, but is either full-time Cajun or has a heavy emphasis on it. I have heard them a few times recently, every time with zydeco music and "Cajun Radio" ID. On the night of 1/1 the announcer said, "We wake you up and put you to bed with great Cajun music. We're Cajun Radio KLCL." (GT-FL)

Presumed, Tentative, UnID

780 WZZXt AL Lineville. 12/28 1715. Fair under WJAG with WBBM phased. Tentative, since they are the only 780 station listed with Real Country. Would be new if I could be 100% certain it was them. (NK-WI)

980 UNID 1/2 0914. Heard the following phrase repeated endlessly: "CBS Radio network Channel 42". Finally forced myself to tune away from this exciting format at 0924. (JW-CO)

Regular DX Loggings (times in ELT)

550 WKRC OH Cincinnati. 12/31 2200. "55 KRC" ID by a male announcer. Weak under KTRS. (GH-IL)

570 WMCA NY New York. 12/27 1843. Fair to good, atop, with ID after a religious slanted ad for a local workplace injury attorney. (NK-WI)

600 WICC CT Bridgeport. 12/27 1844. Fair to good over CKAT with WMT phased out. Connecticut Lottery ad and area ads. Reasonably common. (NK-WI)

600 WMT IA Cedar Rapids. 12/29 0754. Farm report, seed corn ad, "NewsRadio 600 WMT" ID; also noted ToH legal ID. Fair in the null of KCOL. (JW-CO)

620 WVMT VT Burlington. 12/27 1842. Fair, mostly under WSNR and phased local WTMJ, with ID into Clark Howard. I first noted a call ID at 1614 during a break in an ad string. New and VT #2. (NK-WI)

620 WSNR NJ Jersey City. 12/27 1900. Fair to good with a break in usual Russian, with a man in EE mentioning almost 4 years...from New York's Lower East Side. Over/under phased WTMJ with occasional WVMT QRM. (NK-WI)

630 WPRO RI Providence. 12/27 1828. Fair below CFCO pest, with local ads and phone numbers and an ID. (NK-WI)

650 WSRO MA Ashland. 12/27 1717. Fair in peaks, well over weak and somewhat phased WSM, with area ads in Portuguese, one mentioning nearby Framingham. New and most unexpected, and presumed leaving day power on late. Bits heard the next evening as well. (NK-WI)

650 KGAB WY Orchard Valley. 12/28 1753-5. Good; traces of QRM from WSRO in Portuguese with WSM phased. Wyoming driving safety PSA, local ads and call IDs, back into a talk program. (NK-WI)

670 KLTT CO Commerce City. 12/28 1758-1800. Very good in peaks, best ever, with WSCR phased. Religion ending, "Mighty 670" slogan, call IDs, mention of nation's most powerful Christian voice. (NK-WI)

690 KTSM TX El Paso. 12/25 0330. Art Bell show from the Philippines; ID. Very strong. Looking for WSPZ while local KGGF off air. New for me. (SS-KS)

690 WSPZ AL Birmingham. 12/30 1900. "On wjox690.com" ID by a male announcer. Repeated twice in the course of the same announcement. Fair signal, faded into the noise fast. (GH-IL)

700 KHSE TX Wylie. 12/13 0700. Out of Arabic-like chanting. "KHSE AM 700 Wylie-Dallas-Fort Worth." (WH-CO)

740 KBRT CA Avalon. 12/13 1900. Ending Christmas messages. "KBRT Avalon" to talk program. (WH-CO)

740 KBRT CA Avalon. 12/29 1935. Phone-in show with religious topics to 1945, then sign-off by male announcer who gave call letters, frequency, power (10 kW), studios in Costa Mesa, transmitter on Santa Catalina Island, owned by Kiertron, Inc.; also mentioned kbrt740.com. Good signal in KVOR null. (JW-CO)

750 CKJH SK Melfort. 12/25 2300. "Merry Christmas. This is Seven Fifty CKJH from Melfort." Surprise legal ID for the tape collection. (WH-CO)

750 CKJH SK Melfort. 12/29 0811. Farm implement ad, followed by a mention that CJVR was celebrating its 20th anniversary in 2006, saying that the station was originally on 1420, then moved to 750, then to FM. Fair signal. (JW-CO)

750 KHWG NV Fallon. 12/25 2100. End of C&W music with announcement that almost sound-

- ed like a sign-on followed by the Pledge of Allegiance and an instrumental version of the Battle Hymn of the Republic. "K-Hog" slogan. **(WH-CO)**
- 750 WSB GA Atlanta. 12/26 0200. Out of Christmas music. "Newstalk 750 WSB Atlanta" to local news. Mixing with KHWG. **(WH-CO)**
- 750 KMMJ NE Grand Island. 12/26 0700. Sign-on announcement. "The Bridge" slogan to SRN news. **(WH-CO)**
- 750 KOAL UT Price. 12/26 0800. "KOAL Price AM 750" jingle to ABC news. **(WH-CO)**
- 780 WWOL NC Forest City. 12/27 1632. Noted in passing. Fair, mixing with WJAG and phased WBBM, with call ID into gospel. **(NK-WI)**
- 780 CFDR NS Halifax. 12/27 2152. Fair to good, making it nicely through WBBM phase null, with C&W music, call ID and "Kixx" slogan. A few minutes later when the Maritimes really peaked I didn't even need phasing to hear them well. Bits of SS from Radio Coro noted also. **(NK-WI)**
- 780 WJAG NE Norfolk. 12/28 1700. Good to very good, best ever at armchair copy with WBBM phased out, with area news and IDs. Used LSB to get away from a high-side het from audible Mauritania 783!! **(NK-WI)**
- 810 CJVA NB Caraquet. 12/27 2142. Fair in peaks under WGY with lively FF music, almost folksy sounding at times, and then into FF ads. New and finally caught after many, many times of looking for it when Maritimes are in well. NB #2. **(NK-WI)**
- 840 KMPH CA Modesto. 12/21 0405. Ending AP news with a string of PSAs. "All night on KMPH Modesto." New for me. **(WH-CO)**
- 840 WRYM CT New Britain. 12/27 1638. Poor over/under weak WHAS (not strong yet and nulled by direction of my BOGs) and with an unusually strong KTIC phased out. Was also here somewhat earlier when it may have been on day power with SS music. Been chasing this several times and finally caught a clear ad mentioning Hartford. New. **(NK-WI)**
- 850 WTAR VA Norfolk. 12/30 0659. Promos and local ads, including one for S & S Marine; legal ID, including "NewsTalk 850" slogan, into CNN news. Poor in KOA null. New! **(Ed.-WI)**
- 870 WHCU NY Ithaca. 12/27 2131. Fair but with fade over phased WWL, with ID and Finger Lakes weather during break from talk. Was also in pre sunset under WKAR for a while. **(NK-WI)**
- 880 CHQT AB Edmonton. 12/31 0452. Poor to fair on peaks with l-o-n-g fades. "The music that changed the world, ??? hits of the '70s and '60s." "Cool 880" jingle. NEW! **(JJR-WI)**
- 890 WAMG MA Dedham. 12/28 1626-32. Fair to good; clear copy with WLS phased out. Local sports talk with Patriots and Red Sox discussed by several callers and an 890 slogan. Good a bit later at 1638 with "890 ESPN" IDs and area ads. Rare and best ever heard. **(NK-WI)**
- 890 WYAM AL Hartselle. 12/28 1805-9. Fair in peaks through phased WLS, atop bits of others, with many area ads and phone numbers, a Memorial Parkway address and then a Fiesta Mexicana slogan. On too late, I think. New! **(NK-WI)**
- 930 KSDN SD Aberdeen. 12/28 0100. "AM 930 KSDN Aberdeen" to ABC News. **(WH-CO)**
- 940 WINZ FL Miami. 12/20 1900. Local news and weather for South Florida into Al Franken show. Excellent signal until fade-out. New. **(SS-KS)**
- 990 CBY NL Corner Brook. 12/27 2211. Poor under likely cheating CKGM, with weak (on these antennas) CBW phased and traces of WDEO QRM. Clear violin-dominated classical music on peaks, just like on CBA 1070. New and NL #1 from here in Wisconsin. **(NK-WI)**
- 1020 KJJK MN Fergus Falls. 12/29 1840. Dominating the frequency with "Groovy 10-20" slogan. Rock oldies. KDKA nowhere in sight. **(CR-IL)**
- 1030 KCWJ MO Blue Springs. 12/28 2000. Out of religious music. "KCWJ Blue Springs" just above the noise. Call change taped for me! **(WH-CO)**
- 1110 WTOF AL Bay Minette. 12/24 1941. Christmas music; ID. Strong over KFAB. New. **(SS-KS)**
- 1110 CBLI ON Deep River. 12/27 2313. Poor under weakish WBT with KFAB phased out. Same violin-dominated classical music as heard an hour earlier on the CBC Radio 1 Northern Lights program. My first LPRT (low power relay transmitter, in this case 40 watts **Ed.-WI**) from the Midwest and my BOGs aim right

- at it. New !! (NK-WI)
- 1140 CBI NS **Sidney. 12/27 2205-8.** Poor under weak WRVA with West and Southwest weak stuff phased out. Bits of the area weather report and then into CBC Northern Lights classical music program // a very strong CBA 1070. During the previous two hourly newscasts I thought I heard bits of the voices of the CBC newscasters here. New !! NS #2. (NK-WI)
- 1160 WSKW ME **Skowhegan. 12/28 1523.** Fair and gaining strength at 2:23 PM local time! Over phased WYLL and the chatter of weak others with ESPN radio slogan. Finally at 1538 during a long ad break in Dan Patrick show there was one ad with a local guy telling you to listen to ESPN wherever you are, including the Red Sox dugout. New and ME #1 from here in Wisconsin. (NK-WI)
- 1220 KLBB MN **Stillwater. 12/30 0851.** Signal up and down (mostly down) with nostalgia format. Managed to dig out a legal ID at 0859:55 by a male announcer. A needed call change, last heard as WEZU. (JW-CO)
- 1220 KOFO KS **Ottawa. 12/30 0926.** "Trading Post" show with buy and sell items; gave phone number of 785-759-33??. Generally poor, with local KLVZ on and off the air with open carrier. (JW-CO)
- 1230 KWSN SD **Sioux Falls. 12/31 0600.** "Join us every night on Sioux Falls Sports Radio 1230 KWSN Sioux Falls" to ESPN Sports Center. A New one for me. (WH-CO)
- 1260 WSDZ IL **Belleville. 12/24 2058.** "Radio Disney AM 1260 WSDZ Belleville-Saint Louis." Usual Radio Disney programming. (WH-CO)
- 1260 KSML TX **Diboll. 12/25 0000.** "ESPN 1260 KSML Diboll-Lufkin-Nacogdoches." Up briefly. (WH-CO)
- 1270 KJUG CA **Tulare. 12/28 0718.** C&W songs; "Classic Hit Country AM 1270" slogans; area (Visalia, Porterville) ads; call letter ID at 0731, then more music. Fair on peaks but fading and QRM. (JW-CO)
- 1310 WYND FL **Deland. 12/30 1830.** Blasting in with Southern gospel, slogan "Florida's Religious Station 1310 WYND." Supposedly 95 watts at night. Usually WDOD dominates this frequency at this hour. (DBJ-TN)
- 1370 KWTL ND **Grand Forks. 12/29 0859.** EWTN program notes; legal ID at 0859:53. Rough copy in QRM. A needed call change here, last heard as KFJM. (JW-CO)
- 1400 KEYE TX **Perryton. 1/2 0200.** Ending C&W. "When you want local news first, come to us, we've got it. 1400 AM KEYE Perryton," and right back to C&W. (WH-CO)
- 1420 KTOE MN **Mankato. 12/30 1930.** Local ads and broadcast of the Mankato Gophers game. Briefly strong, then weak but copiable. (GH-IL)
- 1430 WFOB OH **Fostoria. 1/2 1830.** Newscast with Toledo news items; many IDs as "WTOL News 11" and references to wtol.com. According to WFOB website www.wfob.com, station carries WTOL-TV news nightly at 1800. Good signal; some QRM from CHKT. New. (GH-IL)
- 1500 KABR NM **Alamo Community. 1/1 0859.** Came on at 0859:40 with a prayer, followed by lite music; at 0902 "DJ Jay" gave the sign-on announcement, mentioning 1000 watts, 1500 kHz, licensed to the Alamo Navajo School Board; after this, music and announcements in Navajo language alternated. At 0915, KCFC 1490 turned on their IBOC, rendering further reception impossible. Prior to that signal had been fair at best. (JW-CO)
- 1550 KMRI UT **West Valley City. 12/11 2200.** "KMRI West Jordan-Salt Lake City" in EE, "1550" in SS, to SS music. Fair under KSFT. (WH-CO)
- 1550 KYCY CA **San Francisco. 12/12 0004.** Out of mortgage spot with "KYCY San Francisco," and faded. Rare one here. (WH-CO)
- 1550 KKJY NM **Albuquerque. 12/12 0800.** "Joy 1550 KKJY Albuquerque," KKJY jingle and nostalgia music. (WH-CO)
- 1550 KZRK TX **Canyon. 12/12 1000.** "Fox Sports Radio the Zone 1550 KZRK Canyon-Amarillo" to Fox Sports (FSR) programming. (WH-CO)
- 1550 KLFJ MO **Springfield. 12/12 1005.** Branson tourist info. "Your Branson Information Station, AM 1550 KLFJ Springfield." Surprised that this was in so late in the morning. (WH-CO)
- 1550 KLFJ MO **Springfield. 1/2 1830.** "Tape loop" of Branson, Missouri shows, ticket info, etc. Briefly strong, then faded. (GH-IL)
- 1580 KBLA CA **Santa Monica. 12/29 0400.** SS/EE legal ID by male voice: "Usted escucha KBLA Santa Monica - Los Angeles, Quince Ochenta AM," followed by upbeat

- SS religious music. Fair, briefly atop KMIK and XEDM. **(JW-CO)**
- 1580 KKKK CO **Colorado Springs. 1/1 1840.** Strong with Dino Costa Show. "You're listening to Radio Colorado Network" at 1858, but no legal ID. Quality News Network newscast followed. **(CR-IL)**
- 1590 WGBW WI **Two Rivers. 12/27 1805.** Poor signals in a mess with ID and oldies. NEW **(SA-MB)**
- 1600 KEPN CO **Lakewood. 12/23 0708.** Fair to good signals with classic country music. To go to ESPN soon. New calls in use. NEW **(SA-MB)**

DDXD-East

REPORTERS

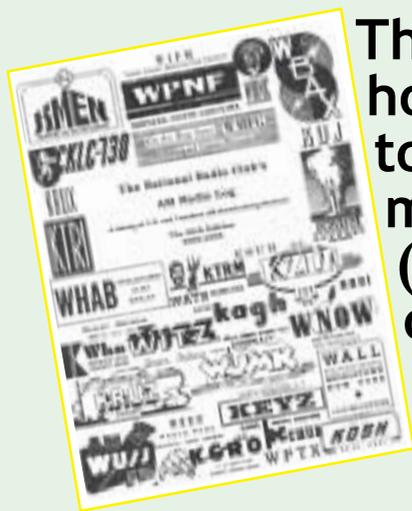
- BC-NH **Bruce Conti, Nashua** - R8B, MWDX-5, 50 x 75-ft terminated broadband loops east and south.
- HF-MI **Harold Frodge, Midland** - Drake R8B + 215' center-fed RW, 85' end-fed RW, 125' bow-tie
- HJH-PA **Harry Hayes, Wilkes-Barre** - Grundig S350, Kiwa Pocket Loop
- IEN-GA **Ira Elbert New, III, Watkinsville** - 2003 ISUZU Rodeo In-Dash Audio System 4340
- GS-VA **George Santulli, Lovettsville** - Drake R8B, w/Quantum Phaser, Kiwa Loop and 650' E-W longwire.
- MKB-ON **Mike Brooker, Toronto** - Grundig YB-400PE, Panasonic RF-2200

LOGGINGS

- 600 WFST ME **Caribou** - 12/29 1958 - End of SRN news, message about listener support, simple "WFST Caribou" ID, with WICC nulled. **(BC-NH)**
- CKAT ON **North Bay** - 12/29 2001 - Faded in with "You're listening to Casey's Bar and Grill... on AM 600 CKAT," and sports talk. **(BC-NH)**
- 660 KTNN AZ **Window Rock** - 12/31 0214 - Finally got this one under a weakened WFAN. Noticed CNN News at 0200 followed by a trucker show and mentions of Arizona, southwest "style". A most wanted for years. **(GS-VA)**
- 680 WPTF NC **Raleigh** - 1/4 1730 - News report ending, "News/Talk 680 WPTF," under local WRKO. New log. **(BC-NH)**
- 730 WPIT PA **Pittsburgh** - 12/30 0858 - creaming CKAC with "Our Daily Bread" gospel program, "AM 73 WPIT" jingle followed by top of hour ID: "this is AM 73 WPIT Pittsburgh, a service of Salem Communications". **(MKB-ON)**
- 830 WCRN MA **Worcester** - 12/30 0920 - over WCCO and CHAM-820 slop with ad for Diamond Chevrolet in Worcester, ID as "WCRN AM 830, the home of the Boston Red Sox". **(MKB-ON)**
- 960 WELI CT **New Haven** - 12/30 1551 - over CFFX groundwave with Rush Limbaugh promo and website promo: "Connecticut's news talk 960 WELI, on line 24/7 at 960weli.com". **(MKB-ON)**
- 980 WONE OH **Dayton** - 12/29 1850 - Knights Basketball. Decent signal on top of the static. "Knights Basketball on 980, WONE". **(IEN-GA)**
- 1040 WYSL NY **Avon** - 1/02 1648 - way over WHO with ads for Turnbull Heating/ Air Conditioning and Genessee Community College, ID as "News 1040 WYSL, 44 degrees at 4:49" into local traffic report. **(MKB-ON)**
- 1070 WSCP NY **Sandy Creek-Pulaski** - 1/4 1655 - "101.7... Country" ID under CBA. **(BC-NH)**
- WKOK PA **Sunbury** - 1/4 1659 - Accuweather, ID with time check into CBS news, under CBA. **(BC-NH)**
- 1080 KRLD TX **Dallas** - 1/02 1745 - Caught a peak w/"KRLD News Time". In mix w/WTIC & UNID SS. **(HF-MI)**
- WNWI IL **Oak Lawn** - 1/04 1530 - Chicago ads/promos in SS then into Slavic language (Polish?) commentary. I assume this is the SS+LL heard a couple of days ago past 2300. Does excited Polish sound like SS? o/u WTIC & weak religious music station. **(HF-MI)**
- 1150 WMST KY **Mount Sterling** - 12/31 0147 - Noted with C&W music under CKOC and maybe WDEL. Local ads and mention of Mount Sterling High School sports. **(GS-VA)**
- 1270 WLIK TN **Newport** - 12/30 1747 - Ad for place in Newport. Vintage 1960's WLIK "Happy New Year" jingle, then into pre-packaged oldies program. Fair at times. **(HJH-PA)**

- 1350 WINY CT Putnam – 1/5 0723 – over the usual suspects (WARF et al) with high school sports, promo for upcoming basketball game: "...and the action starts at 7 o'clock right here on WINY", ad for Premier Chevrolet in Brooklyn, CT. (MKB-ON)
- 1420 WAMV VA Amherst – 12/30 2200 – ID as "WAMV, Amherst... Lynchburg, I couldn't make out the third city mentioned. In and out with WVOT. Good signal. New one. (HJH-PA)
- 1450 CHUC ON Cobourg – 1/04 1542 - "107-9 The Breeze" w/70s pop tunes; Local news @1601; ad for Heavenly Dreams Mattresses. Still there! Mixing w/talker & religious stn--wonder who the rlg is? (HF-MI)
- 1470 WLMC SC Georgetown – 1/1 1845 – Good at this time. "This has been a Fox News Report on Gospel 1470 WLMC". (HJH-PA)
- 1480 WLMV WI Madison – 1/04 1611 - "La Movida"; peppy SS tunes & lotsa SS commentary; head-banger music bumper; EE traffic rpt @1619+. O/u sports (WHBC?) & soul music stn. Need LSB to kill local 1490 WMPX. (HF-MI)
- 1520 KRHW MO Sikeston - 12/29 0112 - Heard under WWKB with C&W music and local ads, time checks. At times strong and easily phased, thought it was Okla City. (GS-VA)
- 1570 WECU NC Winterville - 12/29 0117 - Surprise to hear ads in Greenville and Pitt County and other Eastern NC towns, local weather and time, one voice ID of WECU. (GS-VA)
- 1610 CHHA ON Toronto – 1/04 1625 - Peppy SS tunes & Voces Latinas ID; Man in SS w/ Año Nuevo greetings. Fair+ peaks; obviously not off as per latest NRC *DX News*. No sign of Mt. Pleasant MI HAR. (HF-MI)

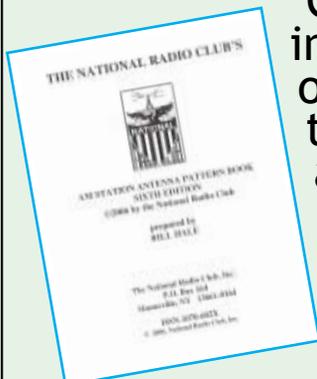
NRC AM Radio Log, 27th Edition



The NRC AM Radio Log is unbound and three-hole punched for standard binders. \$19.95 to U. S. NRC members; \$25.95 to U. S. non-members; to Canadian members, \$23.00 (\$27.95 to non-members). Airmail to all outside of USA/Canada: \$29.95. Order from: NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)

The NRC AM Station Antenna Pattern Book

This Sixth-Edition Antenna Pattern Book now includes daytime and "Graveyard" frequency patterns for the first time. Stations in Alaska and Hawaii are listed on separate pages at the end of the book. The basic list of U.S. and Canadian stations comes from the 26th Edition of the National Radio Club's AM Radio Log. Mexican stations in the states bordering the United States plus those stations elsewhere which are easily heard in the U.S. and Canada are also included. All data is up-to-date as of November 1, 2005. Prices: \$16.95 to USA/Canada NRC members, \$22.95 USA non-members, \$25.95, Canada non-members/all overseas orders. Order from NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)



International DX Digest

Bruce Conti nrcidxd@aol.com
46 Ridgefield Drive
Nashua, NH 03062-1174

Foreign DX Catches. Times are UTC; for ELT, subtract 5 hrs.

Transatlantic DX

- 621 **CANARY ISLANDS // SPAIN** *RNE1* synchros, Santa Cruz de Tenerife et al. DEC 28 0353-0400 - Poor-fair peaks with music into Spanish talk and *RNE ID* at 0355 into music, then more talk and then 6 pips on the hour and Spanish news. Local WTMJ phased... second time heard in Wisconsin. [Kazaross-WI]
- 783 **MAURITANIA** *R.Mauritanie*, Nouakchott (18°07'N 15°57'W) DEC 28 2157 - Poor-almost good; first showing up audible at 2157 and had endless talk parallel 4845 kHz. Unsure of language, perhaps an Arabic dialect. At one point another announcer had some brief French. Interference by WJAG with WBBM phased. [Kazaross-WI]
- 1134 **CROATIA** *Glas Hrvatske*, Zadar (44°06'N 15°15'E) DEC 29 0002 - Good; man and woman with news in Croatian, parallel 7285 kHz. [Conti-NH]

Pan-American DX

- 650 unID JAN 3 1715 - Spanish call in program with many mentions of "Salvador" and "Los Angeles." Local phone numbers given, disappeared at 1730. WSM nulled with Quantum Phaser. WRTH doesn't show Salvador on 650. Suspect Colombia, but the mention of Salvador is curious. [Santulli-VA]
- 720 **MEXICO** XEAVR *R.Fórmula Veracruz*, Veracruz, Ver (19°05'N 96°05'W) DEC 18 0458 - Briefly atop, "Radio Formula Veracruz 720 AM." Taped. New province for me! [Heinen-CO]
- 720 **MEXICO** XEDE *La Caliente*, Saltillo, Coah (25°26'N 100°53'W) DEC 18 0800 - Full ID, XEDE callsign, 720 AM and Saltillo mentioned, repeated slogan appeared to be "La Caliente," no evidence of a parallel FM operation. [Heinen-CO]
- 730 **MEXICO** XEX *Sports Ya*, Colonia el Vergel, México (19°19'N 99°05'W) DEC 7 0603 - Ending national anthem with full data ID; fair. [Heinen-CO]
- 730 **MEXICO** XEPQ Cd. Múzquiz, Coah DEC 7 0500 - Out of Spanish music quick XEPQ by young lady and more music. [Heinen-CO]
- 840 **CUBA** CMHW *Doblevé*, Santa Clara (22°24'N 79°56'W) JAN 5 0219 - Good, over unID tropical music; "la reina radial del centro" slogan in baseball coverage, not to be confused with "la reina del caribe" WXEW Puerto Rico. [Conti-NH]
- 880 **MEXICO** XEV Chihuahua DEC 22 0358 - "XEV Radio Fórmula Chihuahua 880 AM" full ID to Christmas music. Fair under KRVN. [Heinen-CO]
- 910 **CUBA** CMHA *R.Cadena Agramonte*, Camagüey JAN 5 0039 - Good; folk music, ID with address, "Programa Mural Campesino, Radio Cadena Agramonte, Apartado 140... Camagüey, Cuba," 0100 ID with trumpet, then romantic vocals. First time logged, long sought after. [Conti-NH]
- 910 **MEXICO** XEAO Mexicali, BCN (32°39'N 115°30'W) DEC 6 0659 - "Esta es XEAO 910 AM Radio Mexicana, mil wats de potencia... en Mexicali, Baja California." Loud with KPOF phased. [Heinen-CO]
- 1260 **MEXICO** XESA Culicán, Sin DEC 24 0505 - "La Mexicana de Culicán" slogan faded up then into Spanish music; rare. [Heinen-CO]
- 1540 **BAHAMAS** ZNS1 Nassau (25°00'N 77°21'W) DEC 19 2300 - Thanks to tip from e-DXN folks, not in the clear, but enough to hear local weather reports and Christmas shopping in Nassau. [Santulli-VA]
- 1560 **MEXICO** XEJPV Cd. Juárez, Chih DEC 15 1300 - National anthem and full data XEJPV ID using "Radio Vida" slogan; fair. [Heinen-CO]

Contributors

Bruce Conti, Nashua NH; R8B, MWDX-5, 15 x 23-m terminated corner-fed broadband loops east and south.

Wayne Heinen, Aurora CO; R8B, north/south Flag, east/west Flag, Modified 4-ft NRC Altazimuth loop, 15-ft vertical whip, Dual TG-1 Termination Gizmo with two BUF-F amplifiers, Mini DXP5, DX Engineering RPA-1.

Neil Kazaross, Grafton WI; R8A, phased BOGs 350-ft at 63° vs. 535-ft at 67°.

George Santulli, Lovettsville VA; R8B, Quantum Phaser, Kiwa Loop, 650-ft east-west longwire.

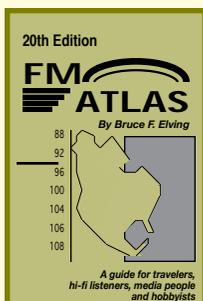


International News

DENMARK: Initially DR (Danish Broadcasting Corporation) wanted to close down both the mediumwave and the longwave transmitters in Kalundborg operating on 243 and 1062 kHz by the end of 2006. But the Danish Ministry of Culture has decided that DR must continue using mediumwave 'til at least 31 December 2010. It is, however, uncertain what programmes will be carried on 1062 in the future. Director of DR, Leif Lønsmann, has told Danish media news site radionyt.com that DR is going to air navigational warnings, weather forecasts and possibly newscasts on mediumwave - but no final decision on this has been taken yet. The switch-off of the longwave station in Kalundborg is expected sometime during the spring of 2007. [Stig Hartvig Nielsen, Media Network, via BADX] 73 and Good DX!

Please preserve these QSL's
for future display!
Do not discard these items
For preservation information
contact the:

If you are interested in helping preserve the history of our hobby through preserving your collections, you should consider ordering a supply of these free 3-inch-square stickers to place on your veries, recordings, etc. Specify the number you need, and order from NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. Include an SASE. Don't wait until it's too late - order now.



Bruce Elving's FM Atlas ... 20th Edition

The world-famous guide which has served FM DX'ers for over 20 years is available from NRC Publications at the special price of \$20.00 for NRC USA/Canada members, \$24.00 USA/Canada non-members, \$25.00 for all others. Order from NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)

IRCA TIS/HAR List (Fall 2004)

Mike Hardester has completed the most up-to-date list yet: 56 pages of top-notch information on current TIS/HAR stations in the AM Band. Prices: NRC/IRCA members: \$8.50; overseas, add \$3.00; non-NRC/IRCA members: add \$1.00. State club affiliation when you order. Send U. S. funds payable to Phil Bytheway to:

IRCA Bookstore - 9705 Mary NW - Seattle, WA 9817-2334, or via PayPal to fokker_d8@yahoo.com (Phil Bytheway); add \$.50 for PayPal service charges.

IRCA Slogans List (2006-2007)

This new edition includes radio slogans from the U. S., Canada, and Mexico (over 3900), organized by frequency and then by location within each frequency. Prices: NRC/IRCA members: \$6.00 (U.S./Canada/Mexico/seamail), \$8.00 (rest of Americas/Europe airmail), \$8.50 (Australia/Japan/New Zealand airmail). Non-IRCA/NRC members: add \$1.50. **State club affiliation when you order.** To order, send your funds to:

IRCA Bookstore - 9705 Mary Ave NW - Seattle WA 98117-2334. Please make checks out to Phil Bytheway (funds not made out to Phil Bytheway will be returned) or use PayPal to: fokker_d8@yahoo.com; add \$.50 for PayPal service charges.

IRCA Mexican Log, 11th Edition (Winter 2006) - NOW READY

The IRCA MEXICAN LOG lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks, and notes. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The transmitter site index (listed by state, then city) tabulates the latitude and longitude of transmitter sites. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11". Prices: NRC/IRCA members - \$9.50 US/Canada/Mexico/sea mail; \$12.00 rest of the Americas/Europe airmail; \$12.50 Australia/Japan/New Zealand airmail. Non-NRC/IRCA members: add \$2.00. **State club affiliation when you order.** To order, send your funds to:

IRCA Bookstore - 9705 Mary Ave NW - Seattle WA 98117-2334. Please make checks out to Phil Bytheway (funds not made out to Phil Bytheway will be returned) or use PayPal to: fokker_d8@yahoo.com; add \$.50 for PayPal service charges.

Professional Sports

Networks

Barry S. Finkel bsfinkel@ANL.gov
10314 S. Oakley
Chicago, IL 60643-2409

Network listings for team sports stations

Here are National Basketball League (NBA) network lists for the current 2006/7 season. Most of the lists I have are from the nba.com web site, which has this text on each page: "Copyright 2006 NBA Media Ventures, LLC. All rights reserved. No portion of NBA.com may be duplicated, redistributed or manipulated in any form." So, I cannot reproduce the lists here. I did receive seven network lists from Ken Onyschuk ("off the Internet"), but as I do not know their sources, I cannot reproduce them. When you see a list on the Internet, please send me only the URL, as I need to check each source page for a "do not reproduce" warning. Also, if I have the URL I can save the page with my Firefox browser. I can manipulate the saved text to produce the network list in the proper format. I do not have to re-type the data, nor do I have to sort the data. The software I have written does that automatically.

For the teams not listed here, I could not find any network list via a Google search. I still need any National Hockey League (NHL) lists that you may have. Thanks.

Atlanta Hawks 2006/7 Steve Holman, Dennis Scott http://www.nba.com/hawks/tv_radio/Hawks_Radio_Main_Page.html#affiliates (12/22/2006)

Charlotte Bobcats 2006/7 Steve Martin, Henry Williams <http://www.nba.com/bucks/features/BucksRadioNetwork.html> (12/27/2006)

Chicago Bulls 2006/7 Neil Funk, Bill Wennington http://www.nba.com/bulls/news/radio_affiliates_001017. (12/22/2006)

Dallas Mavericks (EE) 2006/7 Brad Davis, Chuck Cooperstein (SS) 2006/7 Victor Villaloba http://www.nba.com/mavericks/news/espnradio_affiliates.html (12/27/2006)

Detroit Pistons 2006/7 George Blaha, Mark Champion, Rich Mahorn http://www.nba.com/pistons/news/wdfn_051115.html (12/27/2006)

Indiana Pacers 2006/7 Mark Boyle, Bob Leonard http://www.nba.com/pacers/media/radio_affiliates.html (12/27/2006)

Los Angeles Lakers (EE) 2006/7 Spero Dedes, Mychal Thompson (SS) 2006/7 Pepe Mantilla, Fernando Gonzalez <http://www.nba.com/lakers/news/broadcast.html> (12/27/2006)

Memphis Grizzlies 2006/7 Eric Hasseltine, Sean Tuohy http://www.nba.com/grizzlies/news/radio_network_partners.html (12/27/2006)

Milwaukee Bucks 2006/7 Ted Davis, Dennis Krause (h) <http://www.nba.com/bucks/features/BucksRadioNetwork.html> (12/27/2006)

Minnesota Timberwolves 2006/7 Billy McKinney, Brad Sieman http://www.nba.com/timberwolves/news/timberwolves_radio_network.html (12/22/2006)

New Orleans Hornets 2006/7 Sean Kelley, Gerry Vaillencourt http://www.nba.com/hornets/news/radio_buzz2.html (12/22/2006)

Orlando Magic (EE) 2006/7 Dennis Newman (SS) 2006/7 Joey Colon <http://www.nba.com/magic/tvradio/flagships.html> (12/27/2006)

Phoenix Suns (EE) 2006/7 Al McCoy, Tim Kempton (SS) 2006/7 Arturo Ochoa, Gerardo Romo <http://www.nba.com/suns/news/affiliates.html> (12/22/2006)

Portland Trail Blazers 2006/7 Brian Wheeler, Antonio Harvey
From Pocket Guide (via Ward Church)

| | | | | | | | |
|------|---------|------|-----------|------|---------|-------|---------|
| 580 | KTMT-OR | | KHSN-OR | | KWDR-OR | | KFLS-OR |
| 690 | KRCO-OR | | KKEE-OR | | KYKN-OR | 1490 | KLOG-OR |
| 750 | KXL -OR | | KMUZ-OR S | 1400 | KBCH-OR | | |
| 1110 | KBND-OR | 1240 | KTIX-OR | | KJDY-OR | 94.1 | KTIL-OR |
| 1120 | KPNW-OR | 1310 | KNPT-OR | 1440 | KODL-OR | 95.5 | KJDY-OR |
| 1230 | KHSN-OR | 1340 | KLOO-OR | 1450 | KIOV-ID | 101.1 | KAVJ-OR |

Sacramento Kings 2006/7 Gary Gerould, Jim Kozimor http://www.nba.com/kings/news/Sacramento_Kings_TV_Radio_Ne.html (12/27/2006)

Washington Wizards 2006/7 Dave Johnson http://www.nba.com/wizards/news/radio_051101.html (12/27/2006) This is labelled the 2005/6 network.

- = Announcers from last season

h = home games only



DX'er's Notebook

Robert Ruggley rruggley@rcn.com
4545 N. Beacon St. Apt. 208
Chicago, IL 60640-5570

Shared tips, topics, and Internet info

(Note: This column is guest-edited by Paul Swearingen.)

Two topics popped up on [NRC-AM], the listserv, this week, and I felt that they were important enough to deserve reprinting here. First, Jim Renfrew chronicles his move to a new location and the QRM he's discovered. The problem-solving by two other listserv contributors brought to light a vital safety issue ...

I'm in our new place in Clarendon NY (about 25 miles west of Rochester, and 11 miles NNE of my previous location in Byron). Still lots of moving to do, but with the nice weather today I strung a 500' wire due west through our horse pasture (yes, you still have to watch your step!), ending at the transformer, then a coax into the house. This is exactly half the length of the 1000' wire I have been accustomed to at my former home, but the plus side is that this is our land, not a farmer's field, so my antenna layout can be somewhat permanent. I also have at least 200' in all other directions, where my previous place made anything east or south very difficult.

The house is filled with dimmer switches, which when at a partial setting create havoc with medium wave. I don't know if I can train the other inhabitants of the house to respect my DXing when using the lights! I had hoped that the coax would defeat some of this. The limited experience of one night suggests that I locate the end point of the wire some distance from the house and run coaxes as a matter of course.

On the other hand, I have a most enviable office, a "Florida Room" with windows facing three directions, overlooking a quarry pond. It's supposed to be an eating area, but Robin and I agreed this would be the best spot for office and DX. The drawback here, in addition to the dimmer switches, is that the three outlets each have one plug tied to a wall switch.

So my scheme for the future of DX in this place is: see what can be done to reduce dimmer switch fuzz (I seem to recall there is a simple fix for this, but I don't remember the details), defeat the wall switches (probably need an electrician), and get some good wire runs outside. An east or northeast wire will require a boat to get to the other side of the pond. We own some land on the other side, but there is no way to reach it on foot. The former owners left a canoe, but there is a spot on the hull that looks like the start of a hole. The pond has frozen over a few times, but nowhere close to supporting human weight.

As for more extended wire runs: the land across the road is another quarry pond and then a vast farm field. Since the road is not heavily traveled perhaps I can run a connector across the road late at night and get a long run south. To the northeast there is a lot of wilderness on the other side of the pond, though undoubtedly the neighbor's property. My ability to get long wires in each of these directions may depend upon good relations with the neighbors. One nice thing about the northeast bearing is that there is a rail line, which should serve to block any property development in that direction.

I have a K9AY unit, but never got it operational at my previous place, maybe I'll finally get this working here. And someone will no doubt propose a BOG, which so far I have not read up on.

I still have my 20' TV/FM tower at the old house and hope to take it down this weekend (it's a 3 person job). I'm not yet certain where to locate the tower, since the ground drops down to the pond near my office. So the tower should be at the other end of the house to take advantage of the higher elevation, but requiring a longer coax run. The LCD TV we acquired (thanks to all who offered tips) will require an exterior antenna. I'd rather not get cable. I have to decide whether to split the TV/FM signal between the family TV and the DX TV on a single antenna with rotor, or run two separate antennas. I've got four rotors, but only one tower at the moment. Maybe I should get something up on the roof instead of a tower. In favor of this solution is that there is no second floor on the house.

A quick run with rabbit ears was less than impressive, although I noted cross-lake Canadian UHF signals are much better than Byron. And HD signals from Rochester were not caught with the rabbit ears.

Oh yes, it's a nice house, too! Jim Renfrew, Clarendon NY

Mark Durenberger chimes in and makes a suggestion: Nice going Jim! Envy envy everywhere :-)) One additional thought, if you're having the Electrician come in. See how difficult it would be to run a separate 15 or 20 amp circuit from the hobby room all the way back to the main power panel with NOTHING else on it...and tell him/her to connect the white wire as usual to the power panel ground...but to extend the GREEN wire in this circuit all the way to a good ground rod; separate from the usual power ground rod. (Alternatively the green could be connected to the house water pipe...if you can put the ground clamp on the SUPPLY side of the water meter.) This should help with noise in the house system...though it may not do a lot for the dimmer noise.

Rick Kunath, however, was quick to point out a potentially dangerous situation: This is an excellent idea,

though I would have the electrician run at least 2 separate 20 amp circuits for the radio equipment. If done correctly, the two circuits' hot sides should be on separate phases of the incoming feed. This helps in reducing noise coupled from computer equipment into the radio gear. Plug your computer gear into one circuit and the radio gear into the other.

...and tell him/her to connect the white wire as usual to the power panel ground...but to extend the GREEN wire in this circuit all the way to a good ground rod; separate from the usual power ground rod...

This is a good way to guarantee that there will be a potential difference between the main power ground and your ground should there be a nearby lightning strike, and cause severe damage of any connected electrical equipment, as the difference in potential tried to equalize itself through the insides of the radio gear. This is a really bad idea (sorry :)) and also against the electrical code. This is a common mistake that telco and cable TV installers make that causes loss of equipment in such nearby strikes too. If you really want to isolate the ground in the radio room from other house grounds, the way to do it is to install an isolation transformer for the radio room circuits. The secondary of this transformer is then isolated from the main power feed, and the isolated secondary-fed receptacles may be grounded to alternate grounds without the issues above.

... (Alternatively the green could be connected to the house water pipe...if you can put the ground clamp on the SUPPLY side of the water meter.) The main power ground will already be tied to the cold water piping, if the house is in compliance with the electrical code, and there will be a jumper across the water meter and water service inlet valve. This should help with noise in the house system...though it may not do a > lot for the dimmer noise...

You'll find that the dimmer noise is radiated noise, so you'll need to deal with it at the source. In other words, replace the dimmers with better suppressed units, or better yet, eliminate them altogether. I didn't eliminate them in my home, but did install well suppressed dimmers that also have a "full-on" position on them. With these, there is a click at the max setting that bypasses the dimmer entirely and goes direct, just as a normal switch would. This totally eliminates the noise when in the "full-on" position, so all I have to do is make sure they're set fully on before DXing. This "full-on" setting gives you more light than the dimmer set to full, so there is an advantage to those needing bright light also.

Mark responded: Rick, I stand instructed. That makes good sense of course. In my last home (CO) the electrician had no problem doing this but it was also a pretty short run...and it DID help the noise...but I can sure see the exposure :-)) Now if only someone made a wire-wound dimmer rheostat that'd fit inside a standard wall-switch package <g> But I think you'd have to reinvent some physical laws.

Rick drove his point home: Yeah, lots of utility installers miss this and a lot of equipment gets inadvertently damaged. An easy way to get around it is with an isolation transformer. Then you can do what you want with the grounds. The better isolation transformers are Faraday shielded so there is minimal conduction across the windings. You could mount the isolation transformer on a power cord externally for a quick test, or have it installed permanently. Special receptacle colors are then used to identify the special circuits.

Now if only someone made a wire-wound dimmer rheostat that'd fit inside a standard wall-switch package <g> But I think you'd have to reinvent some physical laws.

Actually, there are remote mount motor-operated autotransformers that can be used. The light switch then has a double-throw momentary (center-off) switch to raise or lower the lighting level. The actual transformers are mounted remotely. It looks like a regular light switch.

Gentlemen, thank you for your comments, and especially Rick for sharing his electrical expertise to help all of us now in avoiding a potentially dangerous situation or at least expensive loss.

Almost at the same time the listserv discussion included comments about what station personnel have to go through sometimes when DX'ers DEMAND verifications from the stations. The discussion for several days had been the usual comments concerning the difficulty in obtaining verifications from stations these days, but suddenly WOR-710's Tom Ray chimed in with his perspective from inside the radio industry ...

Everyone I know, whether in Engineering, Programming, Promotions, Sales, are flat out. Things have changed in the business dramatically even in the last 5 years. Staff has been cut, budgets have been cut, but the work load has increased. This ain't your father's radio business any more.

I've had DXers send an initial letter with a request. And follow it up a month later...and a month later...and so on. I've had some send a letter that they "were going straight to our corporate office and report me". Some HAVE called our corporate office. I've had people call and berate me on the phone. This, unfortunately, gives the DXer a very bad name and leaves a bad taste in the mouth of the person on the receiving end. It's unfortunate, but things in this industry have changed, but there is zero acknowledgement from the DX community in many instances (but not all) that this is the case.

On the other hand, I have received calls and emails from DXers that have been very helpful when a daytimer has remained on the air someplace on our frequency. Or the email that got my attention a few weeks ago...a DXer in Indiana was tuning around right before 6PM Eastern time with his Boston Acoustics radio....and it locked on our HD signal. He sent me a picture of the front of his radio showing the HD lock, along with our title and artist data we were sending. And for this assistance

I'm very grateful. I also am happy to provide tours of our facilities (transmitter and studio), and help arrange tours of other sites in the area. I'd like to think this is my contribution, as small as it is, to the DX hobbyist. But QSL's just aren't on the agenda right now. -Thomas R. Ray, III, CPBE KC2NTU Vice President Corporate Director of Engineering Buckley Broadcasting / WOR-710HD

A second broadcaster, René Tetro, added his comments: I would like to echo Tom Ray's sentiments.

Although unlike Tom I will respond to QSLs - even if it not always in a timely manner - when Tom speaks of the increased work load on the broadcast engineering community in recent years, he is on solid ground. The past two years have gotten particularly horrendous with me, personally. And I know I am not alone in this. Just to give you an example, in this quarter alone I am facing three major projects: installation of a new automation system, reconfiguration of the WNTP daytime array, and rebuilding of one of our studios. This is, of course, in addition to the routine work.

I am not complaining by any stretch of the imagination, but just wanted to reiterate why many broadcasters in our day do not respond to QSL requests. Like Tom, I appreciate the heads up that some DXers give us when things are not right. I would say that 3 times out of 5, it is through DXers that I find out about other stations on our frequencies not changing to night pattern, not dropping power, etc. For instance, several months ago there was the case of a Canadian station on 560 that for a couple of weeks on end, did not change to its night mode. This wreaked havoc with our nighttime coverage. It was through DXers that we were able to ID the station, contact them, and get them to correct the problem (which turned out to be a bad pattern change program in their remote control system).

As a DXer myself, I appreciate the time and effort that goes into the hobby. You should know, however, that if your QSL requests are not answered, it is not necessarily a defect in your reporting, or a "snub" by the station, but simply that in our day and age, many CEs just don't have the time they once did to sit down, confirm the facts, and respond. Such time restraints are also the reason I do not spend nearly the time reading the list mails, posting reports, etc. I still lurk regularly, but only glance at the subjects as they come down and read those that are of particular interest to me. - 73, René' Tetro

Brian Smith handles verie requests via the Ontario DX Association for CHWO-740:

So true Tom.

When CHWO switched over to 740, our club (Ontario DX Association) approached them to handle the reception reports that would be coming in. We were already looking after CFRB / CFRX. They readily agreed.

Both stations have said they would not have had the time to look after them on their own. Cutbacks and other things just don't leave the time to do them on their own.

Speaking for CHWO, they did take the time to help design a QSL for the reports. They are still a family run station and used to send out verification letters when they started in 1956. But they had almost stopped reporting at all until we came along in 2001. -Brian Smith - am740@rogers.com

Patrick Martin volunteered to handle verie requests for KAVT: I understand where you are coming from. I am an avid QSLer myself. I took on the job of QSLing KAVT Fresno CA, as the CE is also very busy. He offered me the job and I took it on. Maybe what {Tom Ray} needs is a DXer in the NE that can obtain the permission to QSL stations as I do. Les Rayburn and Patrick Griffith have also done this. Do you think this is possible? Would you ok a 3rd party to QSL WOR? The last time I heard WOR was in the '60's out here, or is there someone else at WOR that could verify reports? There has been too much pressure on CEs in the past few years to always handle the QSLing. I have many QSLs signed by secretaries, PDs, GMs, etc. It doesn't matter who signs my QSL. Any thoughts? There is never a reason to ever be rude. I do know also of stories I have heard from other CEs that they have had similar situations. This is terrible. That hurts everyone. At 2942 MW QSLs from 92 countries, I will be QSLing until there aren't any stations left to QSL. I have been at it for near 42 years now. I do appreciate your honest comments. Thanks for sharing -Patrick Martin KAVT Reception Manager

(Tom, thanks a BUNCH for that tour of WOR at the WTFDA Convention!)

Doug Smith adds his thoughts: It should probably also be kept in mind that many people are DXing who aren't members of any organized club. I know I only became aware of the NRC when I saw a copy of the Log for sale at the Dayton Hamvention - and since I stupidly didn't buy it, I didn't learn how to *join* until I stumbled across Tim Noonan at the company Christmas party. He was married to one of my co-workers.

There are a LOT of misconceptions about what a station's legal obligations are. Answering tech calls for a TV station, I encounter many of them<grin>! Add to that the sense of absolute entitlement some people have in general society (radio listeners are no different), and voila: we see what Tom's mentioned. In most cases the station engineer has no way of knowing that this reporter doesn't reflect organized DXing; often, the engineer (understandably) doesn't care, and unfortunately I'm sure from time to time the culprits *are* club members. While I'm not a fan of IBOC by any means, I see some pretty bizarre (and untrue) things said about it in a variety of forums, including this one.- Doug Smith

One more comment from another broadcaster: I ditto the CE workload as outlined on this list. Our CE (who just left - NOT because of rude DX'ers, hi!) was swamped. I assumed the (occasional) QSL chores from him and continue to do so. We don't have cards (yet - due to various reasons) but will gladly send a v/l to the deserving. -Bob Galerstein WEPN / WABC / WQEW

NRC Contest

An annual DX contest which encourages DX'ing and offers prizes

Bruce Conti nrcidx@aol.com
46 Ridgefield Drive
Nashua, NH 03062-1174

The State of the Art DX Contest

The last unabridged update was published in DX News 74-11 which got lost in the mail, so here's another look at all log entries, updated as of January 5. Save this list for reference as further updates in *DX News* may be limited to additions and changes. The complete list will be maintained online at e-DXN and BAMLog. The next update will announce the longest distance WRTH winners. If you've been sitting on the fence, don't fall in and get zapped by that antenna tower! Instead, follow the lead of Bert New who decided to join the fun. Welcome, Bert! There's still plenty of time to enter. What have you got to lose!

Pan-American Scores

*Bruce Conti = 688
John Wilkins = 378
*Wayne Heinen = 192
Nancy Johnson = 141
Bert New = 102
Jeff Hawk = 78

Transoceanic Scores

†Richard Wood = 2358
*Bruce Conti = 1028
†Dale Park = 250

Longest Distances

Richard Wood = 882 Saudi Arabia, 8851 mi.
*Bruce Conti = 1431 Djibouti, 6868 mi.
Dale Park = 810 New Zealand, 5035 mi.
John Wilkins = 530 Turks & Caicos, 2341 mi.

* Ineligible for prizes.

† Hawaii combined with Pan-American.

Pan-American DX

Bruce Conti, Nashua NH (42°43'N 71°31'W) MilesPts
BAH 1540 ZNS1 Nassau (25°00'N 77°21'W) 1266 12

Canada

AB 1140 CHRB High River (50°55'N 113°50'W) 2054 20
NB 810 CJVA Caraquet (47°46'N 65°03'W) 470 4
NL 740 CHCM Marystown (47°09'N 55°16'W) 852 8
NS 960 CHNS Halifax (44°41'N 63°40'W) 416 4
ON 800 CKLW Windsor (42°03'N 83°00'W) 589 5
PE 720 CHTN Charlottetown (46°11'N 63°10'W) 477 4
QC 630 CHLT Sherbrooke (45°18'N 71°52'W) 179 1

Colombia

AT 760 HJAJ Barranquilla (10°53'N 74°49'W) 2201 22
BO 1000 HJAJ Cartagena (10°30'N 75°26'W) 2231 22
DC 730 HJCU Bogotá (04°39'N 74°08'W) 2625 26

Cuba

CA 890 CMDZ Chambas (22°11'N 78°54'W) 1478 14
CH 670 CMQ Arroyo Arenas (23°00'N 82°30'W) 1498 14
FA 910 CMHA Camagüey (21°23'N 77°59'W) 1517 15
GU 1070 CMKS Guantánamo (20°07'N 75°13'W) 1572 15
HA 950 CMBE La Habana (23°07'N 82°22'W) 1488 14
HO 600 CMKV Urbano Noris (20°35'N 76°08'W) 1548 15
IJ 730 CMBB Nueva Gerona (21°53'N 82°48'W) 1577 15
PR 610 CMAN Bahía Honda (22°53'N 83°09'W) 1522 15
SC 820 CMDE Contramaestre (20°18'N 76°15'W) 1569 15
SS 870 CMDT Sancti Spíritus (21°56'N 79°26'W) 1503 15
VC 570 CMDC Santa Clara (22°24'N 79°56'W) 1482 14
GDL 640 Pointe-à-Pitre (16°15'N 61°32'W) 1916 19
HII 840 4VEH Cap Haitien (19°46'N 72°15'W) 1582 15

Jamaica

720 RJR (18°00'N 76°47'W) 1731 17

Mexico

DF 940 XEQ México (19°19'N 99°05'W) 2276 22
Ver 720 XEAVR Veracruz (19°05'N 96°05'W) 2170 21

St. Kitts & Nevis

555 ZIZ Basseterre (17°19'N 62°44'W) 2002 20

Turks & Caicos

530 RVC S. Caicos (21°30'N 71°31'W) 1462 14

United States

AL 1700 WEUP Huntsville (34°46'N 86°39'W) 982 9
CO 850 KOA Denver (39°30'N 104°46'W) 1738 17
CT 1240 WWCO Waterbury (41°34'N 73°03'W) 112 1
DC 1500 WTWP Washington (39°03'N 77°03'W) 385 3
FL 670 WWFE Miami (25°51'N 80°29'W) 1269 12
GA 750 WSB Atlanta (33°51'N 84°15'W) 922 9
IL 890 WLS Chicago (41°33'N 87°51'W) 842 8
IN 1190 WOWO Ft. Wayne (42°00'N 85°21'W) 709 7
IA 1040 WHO Des Moines (41°39'N 93°21'W) 1120 11
KY 840 WHAS Louisville (38°16'N 85°26'W) 794 7
LA 870 WWL New Orleans (29°50'N 90°08'W) 1362 13
ME 600 WFST Caribou (46°53'N 68°03'W) 334 3
MD 1090 WBAL Baltimore (39°23'N 76°46'W) 358 3
MA 860 WSBS Great Barrington (42°13'N 73°21'W) 100 1
MI 760 WJR Detroit (42°10'N 83°13'W) 599 5
MS 1640 WTNI Biloxi (30°28'N 88°51'W) 1277 12
MO 1120 KMOX St. Louis (38°43'N 90°03'W) 1009 10
NJ 1680 WTTM Lindenwold (39°53'N 75°00'W) 267 2
NY 1520 WWKB Buffalo (42°46'N 78°51'W) 373 3
NC 1110 WBT Charlotte (35°08'N 80°53'W) 726 7
OH 700 WLW Cincinnati (39°21'N 84°20'W) 708 7
PA 1020 KDKA Pittsburgh (40°34'N 79°57'W) 461 4
RI 1180 WCNX Hope Valley (41°32'N 71°45'W) 83 0
SC 910 WTMZ Dorchester... (32°52'N 79°59'W) 821 8
TN 650 WSM Nashville (36°00'N 86°48'W) 938 9
TX 1620 WTAW College Stn (30°37'N 96°15'W) 1598 15
VT 620 WVMT Burlington (44°32'N 73°13'W) 152 1
VA 940 WNRG Grundy (37°18'N 82°07'W) 674 6
WV 750 WPDY Clarksburg (39°15'N 80°23'W) 521 5
WI 1640 WKSH Sussex (43°05'N 88°12'W) 846 8

Venezuela

DC 750 YVKS Caracas (10°29'N 67°00'W) 2236 22
FA 780 YVMN Coro (11°23'N 69°40'W) 2161 21
SU 1110 YVQT Carúpano (10°40'N 63°18'W) 2262 22

Total Points = 688

Jeff Hawk, Mercerville NJ (40°14'N 74°41'W) MilesPts

Canada

ON 900 CHML Hamilton (43°11'N 79°41'W) 329 3

United States

CT 1080 WTIC Hartford (41°47'N 72°48'W) 145 1
DC 1500 WTWP Washington (39°03'N 77°03'W) 150 1
GA 750 WSB Atlanta (33°51'N 84°15'W) 687 6
IL 720 WGN Chicago (42°01'N 88°02'W) 707 7

| | | | | |
|----|------|-----------------------------------|------|----|
| IA | 1540 | KXEL Waterloo (42°11'N 92°19'W) | 927 | 9 |
| KY | 840 | WHAS Louisville (38°16'N 85°26'W) | 592 | 5 |
| LA | 870 | WWL New Orleans (29°50'N 90°08'W) | 1129 | 11 |
| MD | 1090 | WBAL Baltimore (39°23'N 76°46'W) | 125 | 1 |
| MA | 1030 | WBZ Boston (42°17'N 70°53'W) | 243 | 2 |
| MI | 760 | WJR Detroit (42°10'N 83°13'W) | 464 | 4 |
| MO | 1120 | KMOX St. Louis (38°43'N 90°03'W) | 827 | 8 |
| NY | 1520 | WWKB Buffalo (42°46'N 78°51'W) | 278 | 2 |
| NC | 1110 | WBT Charlotte (35°08'N 80°53'W) | 489 | 4 |
| PA | 1020 | KDKA Pittsburgh (40°34'N 79°57'W) | 279 | 2 |
| TN | 650 | WSM Nashville (36°00'N 86°48'W) | 721 | 7 |
| VA | 1140 | WRVA Richmond (37°24'N 77°19'W) | 242 | 2 |
| WV | 1170 | WWVA Wheeling (40°06'N 80°52'W) | 327 | 3 |

Total Points = 78

Wayne Heinen, Aurora CO (39°39'N 104°46'W) MilesPts
Canada

| | | | | |
|----|------|-----------------------------------|------|----|
| ON | 1580 | CKDO Oshawa (43°52'N 78°46'W) | 1369 | 13 |
| MB | 1290 | CFRW Winnipeg (49°48'N 97°16'W) | 791 | 7 |
| SK | 650 | CKOM Saskatoon (52°05'N 106°31'W) | 863 | 8 |

Mexico

| | | | | |
|------|------|-------------------------------------|------|----|
| BCN | 860 | XEMO Tijuana (32°31'N 116°58'W) | 840 | 8 |
| Chih | 640 | XEHHI Hidalgo... (26°57'N 105°43'W) | 877 | 8 |
| NL | 1370 | XEMON Monterrey (25°40'N 100°11'W) | 1000 | 10 |
| Son | 1580 | XEDM Hermosillo (29°03'N 110°57'W) | 811 | 8 |

United States

| | | | | |
|----|------|---------------------------------------|------|----|
| AZ | 1550 | KUAZ Tucson (32°22'N 111°06'W) | 614 | 6 |
| AR | 920 | KARN Little Rock (34°46'N 92°15'W) | 767 | 7 |
| CA | 1320 | KCTC Sacramento (38°38'N 121°33'W) | 903 | 9 |
| CO | 1240 | KDGO Durango (37°18'N 107°51'W) | 233 | 2 |
| ID | 1260 | KWEI Weiser (44°14'N 116°57'W) | 702 | 7 |
| IL | 920 | WGNU Granite City (38°46'N 90°03'W) | 791 | 7 |
| IA | 1420 | WOC Davenport (41°33'N 90°29'W) | 762 | 7 |
| KS | 1250 | KKHK Kansas City (39°11'N 94°27'W) | 553 | 5 |
| MN | 930 | KKIN Aitkin (46°32'N 93°39'W) | 735 | 7 |
| MO | 1550 | KAPE Cape Girardeau (37°17'N 89°33'W) | 840 | 8 |
| MT | 1370 | KXTL Butte (46°01'N 112°38'W) | 593 | 5 |
| NE | 1480 | KLMS Lincoln (40°48'N 96°35'W) | 440 | 4 |
| NM | 930 | KCCC Carlsbad (32°24'N 104°11'W) | 501 | 5 |
| ND | 1240 | KDLR Devils Lake (48°07'N 98°51'W) | 654 | 6 |
| OK | 740 | KRMG Tulsa (36°05'N 96°17'W) | 525 | 5 |
| SD | 1570 | KVTK Vermillion (42°48'N 97°00'W) | 459 | 4 |
| TN | 650 | WSM Nashville (36°00'N 86°48'W) | 1013 | 10 |
| TX | 920 | KYST Texas City (29°25'N 94°56'W) | 900 | 9 |
| UT | 1450 | KZNU St. George (37°05'N 113°33'W) | 508 | 5 |
| WI | 1370 | WCCN Neillsville (44°34'N 90°35'W) | 803 | 8 |
| WY | 1260 | KPOW Powell (44°42'N 108°46'W) | 404 | 4 |

Total Points = 192

Nancy Johnson, Billings MT (45°46'N 108°37'W) MilesPts
Canada

| | | | | |
|----|------|--------------------------------------|-----|---|
| AB | 1310 | CHLW St. Paul (54°00'N 111°14'W) | 581 | 5 |
| BC | 890 | CJDC Dawson Creek (55°47'N 120°13'W) | 857 | 8 |
| MB | 1290 | CFCW Winnipeg (52°58'N 112°57'W) | 534 | 5 |

United States

| | | | | |
|----|------|------------------------------------|------|----|
| AZ | 620 | KTAR Phoenix (33°29'N 112°00'W) | 866 | 8 |
| IL | 720 | WGN Chicago (42°01'N 88°02'W) | 1057 | 10 |
| IA | 1360 | KSCJ Sioux City (42°33'N 96°20'W) | 649 | 6 |
| KS | 1330 | KNSS Wichita (37°43'N 97°15'W) | 807 | 8 |
| KY | 840 | WHAS Louisville (38°16'N 85°26'W) | 1295 | 12 |
| MI | 760 | WJR Detroit (42°10'N 83°13'W) | 1285 | 12 |
| MO | 1120 | KMOX St. Louis (38°43'N 90°03'W) | 1066 | 10 |
| MT | 1180 | KOFI Kalispell (48°12'N 114°15'W) | 315 | 3 |
| NE | 1110 | KFAB Omaha (41°07'N 96°00'W) | 710 | 7 |
| OH | 700 | WLW Cincinnati (39°21'N 84°20'W) | 1310 | 13 |
| OK | 1170 | KFAQ Tulsa (36°09'N 95°48'W) | 941 | 9 |
| SD | 1320 | KELO Sioux Falls (43°29'N 96°38'W) | 611 | 6 |
| TX | 1080 | KRLD Dallas (32°53'N 96°39'W) | 1093 | 10 |
| WA | 1180 | KLAY Lakewood (47°09'N 122°25'W) | 665 | 6 |

| | | | | |
|----|-----|--|-----|---|
| WY | 650 | KGAB Orchard Valley (41°03'N 104°50'W) | 377 | 3 |
|----|-----|--|-----|---|

Total Points = 141

Bert New, Watkinsville GA (33°51'N 83°25'W) MilesPts
United States

| | | | | |
|----|------|---------------------------------------|------|----|
| AL | 1480 | WABB Mobile (30°43'N 88°04'W) | 347 | 3 |
| AZ | 660 | KTNN Window Rock (35°54'N 109°08'W) | 1464 | 14 |
| AR | 1320 | KYHN Fort Smith (35°25'N 94°22'W) | 633 | 6 |
| FL | 800 | WPLK Palatka (29°39'N 81°36'W) | 308 | 3 |
| GA | 730 | WSTT Thomasville (30°43'N 84°08'W) | 220 | 2 |
| IL | 820 | WAIT Willow Springs (41°56'N 87°45'W) | 606 | 6 |
| IN | 950 | WXLW Indianapolis (39°51'N 86°15'W) | 442 | 4 |
| IA | 600 | WMT Cedar Rapids (42°04'N 91°33'W) | 719 | 7 |
| KY | 860 | WSON Henderson (37°51'N 87°32'W) | 360 | 3 |
| LA | 690 | WIST New Orleans (29°58'N 89°58'W) | 469 | 4 |
| MI | 1300 | WOOD Grand Rapids (42°45'N 85°39'W) | 626 | 6 |
| MS | 810 | WSJC Magee (31°52'N 89°42'W) | 390 | 3 |
| NE | 1620 | KOZN Bellevue (41°11'N 96°00'W) | 855 | 8 |
| NH | 1340 | WWNH Madbury (43°10'N 70°55'W) | 932 | 9 |
| NJ | 1360 | WNJC Vineland (39°47'N 75°06'W) | 616 | 6 |
| NC | 930 | WDLX Washington (35°32'N 77°05'W) | 379 | 3 |
| OH | 1390 | WNIO Youngstown (41°07'N 80°42'W) | 523 | 5 |
| TN | 1200 | WAMB Nashville (36°13'N 86°52'W) | 255 | 2 |
| TN | 930 | WWON Waynesboro (35°19'N 87°45'W) | 267 | 2 |
| VA | 790 | WNIS Norfolk (37°04'N 76°18'W) | 458 | 4 |
| WV | 560 | WJLS Beckley (37°46'N 81°11'W) | 298 | 2 |

Total Points = 102

Dale Park, Honolulu HI (21°18'N 157°44'W) MilesPts
Canada

| | | | | |
|----|-----|----------------------------------|------|----|
| BC | 690 | CBU Vancouver (49°08'N 123°12'W) | 2696 | 26 |
|----|-----|----------------------------------|------|----|

Mexico

| | | | | |
|-----|-------|-----------------------------|------|----|
| BCN | XEPRS | Rosarito (32°26'N 117°05'W) | 2607 | 26 |
|-----|-------|-----------------------------|------|----|

United States

| | | | | |
|----|------|-------------------------------------|------|----|
| CA | 760 | KFMB San Diego (32°51'N 117°02'W) | 2613 | 26 |
| HI | 850 | KHLO Hilo (19°42'N 155°03'W) | 206 | 2 |
| NM | 770 | KKOB Albuquerque (35°12'N 106°37'W) | 3223 | 32 |
| OR | 1190 | KEX Portland (45°25'N 122°34'W) | 2592 | 25 |
| TX | 820 | WBAP Ft. Worth (32°37'N 97°10'W) | 3768 | 37 |
| WA | 1090 | KPTK Seattle (47°24'N 122°25'W) | 2664 | 26 |

Total Points = 200

John Wilkins, Wheat Ridge CO (39°46'N 105°05'W) Miles Pts
Canada

| | | | | |
|----|-----|---------------------------------------|------|----|
| AB | 880 | CHQT Edmonton (53°22'N 113°19'W) | 1016 | 10 |
| BC | 890 | CJDC Dawson Creek (55°47'N 120°13'W) | 1306 | 13 |
| MB | 730 | CKDM Dauphin (51°09'N 100°14'W) | 820 | 8 |
| SK | 900 | CKBI Prince Albert (53°06'N 105°46'W) | 922 | 9 |

Mexico

| | | | | |
|------|------|--------------------------------------|------|----|
| BCN | 1160 | XEQIN San Quintín (30°34'N 115°57'W) | 882 | 8 |
| BCS | 790 | XENT La Paz (24°10'N 110°20'W) | 1120 | 11 |
| Chih | 640 | XEHHI Hidalgo... (26°19'N 105°40'W) | 930 | 9 |
| Coah | 720 | XEDE Saltillo (25°30'N 101°00'W) | 1014 | 10 |
| NL | 1050 | XEG Monterrey (25°42'N 100°11'W) | 1010 | 10 |
| Sin | 610 | XEGS Guasave (25°32'N 108°28'W) | 1003 | 10 |
| Son | 920 | XEHQ Hermosillo (29°03'N 110°53'W) | 809 | 8 |
| Tama | 1550 | XENU Nuevo Laredo (27°29'N 99°30'W) | 907 | 9 |
| Ver | 720 | XEAVR Veracruz (19°11'N 96°10'W) | 1518 | 15 |
| Zac | 690 | XEMA Fresnillo (23°08'N 102°50'W) | 1154 | 11 |

Turks & Caicos

| | | | | |
|-----|-----|-----------------------------|------|----|
| 530 | RVC | S. Caicos (21°30'N 71°31'W) | 2341 | 23 |
|-----|-----|-----------------------------|------|----|

United States

| | | | | |
|----|------|---------------------------------------|------|----|
| AZ | 790 | KNST Tucson (32°15'N 111°01'W) | 616 | 6 |
| AR | 730 | KQPN W. Memphis (35°15'N 90°09'W) | 875 | 8 |
| CA | 680 | KNBR San Francisco (37°33'N 122°14'W) | 936 | 9 |
| CO | 1240 | KDGO Durango (37°18'N 107°51'W) | 227 | 2 |
| GA | 750 | WSB Atlanta (33°51'N 84°15'W) | 1219 | 12 |
| ID | 730 | KBSU Boise (43°31'N 116°20'W) | 635 | 6 |

| | | | |
|----|---|------|----|
| IL | 780 WBBM Chicago (41°59'N 88°02'W) | 902 | 9 |
| IN | 1190 WOWO Ft. Wayne (42°00'N 85°21'W) | 1040 | 10 |
| IA | 1630 KCJJ Iowa City (41°36'N 91°30'W) | 724 | 7 |
| KS | 1250 KHKK Kansas City (39°11'N 94°27'W) | 568 | 5 |
| KY | 840 WHAS Louisville (38°16'N 85°26'W) | 1058 | 10 |
| LA | 870 WWL New Orleans (29°50'N 90°08'W) | 1088 | 10 |
| MN | 1230 KTRF Thief River Falls (48°08'N 96°11'W) | 727 | 7 |
| MO | 1120 KMOX St. Louis (38°43'N 90°03'W) | 806 | 8 |
| MT | 1180 KOFI Kalispell (48°12'N 114°15'W) | 738 | 7 |
| NE | 1420 KOTK Omaha (41°12'N 95°55'W) | 492 | 4 |
| NV | 780 KKOHO Reno (39°41'N 119°48'W) | 781 | 7 |
| NM | 1230 KOTS Deming (32°15'N 107°45'W) | 540 | 5 |
| ND | 1660 KQWB W. Fargo (46°59'N 96°35'W) | 655 | 6 |
| OH | 1100 WTAM Cleveland (41°17'N 81°37'W) | 1233 | 12 |
| OK | 1170 KFAQ Tulsa (36°09'N 95°48'W) | 563 | 5 |
| OR | 550 KOAC Corvallis (44°38'N 123°12'W) | 983 | 9 |
| SD | 1140 KSOO Sioux Falls (43°29'N 96°41'W) | 504 | 5 |
| TN | 650 WSM Nashville (36°00'N 86°48'W) | 1029 | 10 |
| TX | 1700 KVNS Brownsville (25°57'N 97°33'W) | 1049 | 10 |
| UT | 590 KSUB Cedar City (37°42'N 113°11'W) | 459 | 4 |
| WA | 570 KVI Seattle (47°25'N 122°26'W) | 1013 | 10 |
| WI | 800 WDUX Waupaca (44°21'N 89°03'W) | 879 | 8 |
| WY | 1410 KWYO Sheridan (44°46'N 106°56'W) | 358 | 3 |

Total Points = 378

Richard Wood, Keauu HI (19°35'N 154°58'W) MilesPts

Canada

| | | | |
|----|---|------|----|
| AB | 930 CJCA Calgary (53°23'N 113°29'W) | 3204 | 32 |
| BC | 890 CJDC Dawson Creek (55°47'N 120°13'W) | 3078 | 30 |
| ON | 1010 CFRB Toronto (43°30'N 79°38'W) | 4579 | 45 |
| SK | 900 CKBI Prince Albert (53°06'N 105°46'W) | 3482 | 34 |

Cuba

| | | | |
|----|---|-----|-----|
| HA | 640 CMBC Guanabacoa (23°08'N 82°15'W) | 464 | 346 |
| CH | 1180 CMBA Villa María (23°07'N 82°22'W) | 463 | 646 |

Brazil

| | | | |
|----|--|-----|-----|
| RJ | 1280 ZYJ455 Rio de Janeiro (22°55'S 43°13'W) | 807 | 980 |
|----|--|-----|-----|

Mexico

| | | | |
|------|---|------|----|
| BCN | 620 XESS Ensenada (32°15'N 116°57'W) | 2506 | 25 |
| BCS | 1100 XEBAC Ba. Asunción (27°08'N 114°19'W) | 2623 | 26 |
| Coah | 780 XEMF Monclova (26°56'N 101°27'W) | 3416 | 34 |
| DF | 1000 XEOY México (19°23'N 99°07'W) | 3626 | 36 |
| Gto | 920 XERE Salvatierra (20°18'N 100°50'W) | 3505 | 35 |
| Jal | 920 XELT Guadalajara (20°44'N 103°19'W) | 3341 | 33 |
| Mich | 1560 XELAC Láz. Cárdenas (18°02'N 102°12'W) | 3444 | 34 |
| NL | 1050 XEG Monterrey (25°42'N 100°11'W) | 3501 | 35 |
| Sin | 1410 XECF Los Mochis (25°50'N 109°04'W) | 2947 | 29 |
| Son | 1290 XEAP Cd. Obregón (27°30'N 109°59'W) | 2890 | 28 |
| Ver | 810 XEFW Tampico (22°13'N 97°51'W) | 3675 | 36 |

Netherlands Antilles

| | | | |
|---------|---------------------------|------|----|
| 800 PJB | Bonaire (12°06'N 68°17'W) | 5736 | 57 |
|---------|---------------------------|------|----|

Turks & Caicos

| | | | |
|---------|-----------------------------|------|----|
| 530 RVC | S. Caicos (21°30'N 71°31'W) | 5337 | 53 |
|---------|-----------------------------|------|----|

United States

| | | | |
|----|---|------|----|
| AK | 780 KNOM Nome (64°29'N 165°18'W) | 3136 | 31 |
| AZ | 660 KTNN Window Rock (35°54'N 109°08'W) | 2992 | 29 |
| CA | 1600 KUBA Yuba City (39°06'N 121°39'W) | 2397 | 23 |
| CO | 1010 KSIR Brush (40°19'N 103°36'W) | 3340 | 33 |
| GA | 1630 WRDW Augusta (33°31'N 82°01'W) | 4530 | 45 |
| HI | 1540 KREA Honolulu (21°19'N 157°53'W) | 224 | 2 |
| ID | 890 KDJQ Meridian (43°28'N 116°14'W) | 2777 | 27 |
| IL | 890 WLS Chicago (41°33'N 87°51'W) | 4167 | 41 |
| IA | 1040 WHO Des Moines (41°39'N 93°21'W) | 3882 | 38 |
| KY | 840 WHAS Louisville (38°16'N 85°26'W) | 4304 | 43 |
| LA | 870 WWL New Orleans (29°50'N 90°08'W) | 4086 | 40 |
| MD | 1090 WBAL Baltimore (39°23'N 76°46'W) | 4761 | 47 |
| MA | 1030 WBZ Boston (42°17'N 70°53'W) | 5031 | 50 |
| MN | 1500 KSTP St. Paul (45°02'N 93°03'W) | 3915 | 39 |
| MT | 680 KKGR E. Helena (46°34'N 111°54'W) | 3057 | 30 |
| NE | 1020 KOIL Plattsmouth (41°05'N 95°43'W) | 3757 | 37 |

| | | | |
|----|--|------|----|
| NE | 880 KRVN Lexington (40°31'N 99°24'W) | 3561 | 35 |
| NM | 770 KKOB Albuquerque (35°12'N 106°37'W) | 3126 | 31 |
| NV | 780 KKOHO Reno (39°41'N 119°48'W) | 2504 | 25 |
| NY | 1010 WINS New York (40°48'N 74°06'W) | 4885 | 48 |
| OH | 700 WLW Cincinnati (39°21'N 84°20'W) | 4359 | 43 |
| OK | 1170 KFAQ Tulsa (36°09'N 95°48'W) | 3737 | 37 |
| OR | 620 KPOJ Portland (45°25'N 122°34'W) | 2566 | 25 |
| PA | 1210 WPHT Philadelphia (39°59'N 74°59'W) | 4848 | 48 |
| TX | 740 KTRH Houston (29°58'N 94°57'W) | 3797 | 37 |
| UT | 700 KALL N.Salt Lake City (40°53'N 111°56'W) | 2922 | 29 |
| WA | 820 KGNW Burien (47°26'N 122°28'W) | 2648 | 26 |
| WY | 1630 KRND Fox Farm (41°07'N 104°48'W) | 3288 | 32 |

U.S. Virgin Islands

| | | | |
|-----------|--------------------------------|------|----|
| 1620 WDHP | Frederiksted (17°43'N 64°53'W) | 5827 | 58 |
|-----------|--------------------------------|------|----|

Total Points = 1803

Transoceanic DX

| | | | |
|---------------------|--|-------|-----|
| Bruce Conti, | Nashua NH (42°43'N 71°31'W) | Miles | Pts |
| <u>ALB</u> | 1395 TWR Fllakë (40°57'N 19°40'E) | 4456 | 44 |
| <u>ALG</u> | 891 RTA Algiers (36°40'N 03°09'E) | 3870 | 38 |
| <u>ARS</u> | 1521 BSKSA Duba (27°20'N 35°45'E) | 5763 | 57 |
| <u>CNR</u> | 720 RNE5 (28°27'N 16°15'W) | 3203 | 32 |
| <u>Ceuta</u> | 1584 RadiOlé (35°53'N 05°17'W) | 3490 | 34 |
| <u>D</u> | 1422 DLF Heusweiler (49°21'N 06°55'E) | 3628 | 36 |
| <u>DNK</u> | 1062 Kalundborg (55°40'N 11°04'E) | 3613 | 36 |
| <u>DJI</u> | 1431 R.Sawa, Arta (11°31'N 42°50'E) | 6868 | 68 |
| <u>EGY</u> | 819 ERTU Batra (31°09'N 31°27'E) | 5393 | 53 |
| <u>France</u> | 1557 Fontbonne (43°46'N 07°25'E) | 3822 | 38 |
| <u>HOL</u> | 675 Arrow, Lopik (52°01'N 05°03'E) | 3480 | 34 |
| <u>HRV</u> | 1134 HRT Zadar (44°06'N 15°15'E) | 4148 | 41 |
| <u>IRL</u> | 567 RTE Tullamore (53°17'N 07°22'W) | 2956 | 29 |
| <u>Iran</u> | 1503 IRIB Bushehr (28°58'N 50°51'E) | 6293 | 62 |
| <u>KWT</u> | 1548 Kuwait City (29°10'N 47°32'E) | 6156 | 61 |
| <u>LBY</u> | 1053 Tripoli (32°50'N 13°00'E) | 4483 | 44 |
| <u>MDA</u> | 1548 VOR Grigoriopol (47°14'N 29°24'E) | 4587 | 45 |
| <u>MRC</u> | 1044 RTM Sebaa-Aioun (33°54'N 05°23'W) | 3553 | 35 |
| <u>MTN</u> | 783 Nouakchott (18°07'N 15°57'W) | 3645 | 36 |
| <u>Spain</u> | 999 COPE Madrid (40°28'N 03°52'W) | 3411 | 34 |
| <u>S</u> | 1179 RSI Sölvesborg (55°59'N 14°40'E) | 3733 | 37 |
| <u>SUI</u> | 765 RSR Sottens (46°39'N 06°44'E) | 3701 | 37 |
| <u>UAE</u> | 1575 Al Dhabiya (24°11'N 54°14'E) | 6682 | 66 |
| <u>UK</u> | 882 BBC Washford (51°10'N 03°21'W) | 3159 | 31 |

Total Points = 1028

Dale Park, Honolulu HI (21°18'N 157°44'W) MilesPts

| | | | |
|------------|------------------------------------|------|----|
| <u>NZL</u> | 810 4YA Dunedin (45°53'S 170°30'E) | 5035 | 50 |
|------------|------------------------------------|------|----|

Total Points = 50

Richard Wood, Keauu HI (19°35'N 154°58'W) MilesPts

| | | | |
|------------|---------------------------|----|----|
| <u>AFG</u> | 1314 RFA unknown location | ?? | ?? |
|------------|---------------------------|----|----|

| | | | |
|------------|------------------------------------|------|----|
| <u>ARS</u> | 882 BSKSA Dammam (26°24'N 50°10'E) | 8851 | 88 |
|------------|------------------------------------|------|----|

China

| | | | |
|----|-------------------------------------|------|----|
| GX | 1224 CNR Nanning (22°47'N 108°11'E) | 6124 | 61 |
|----|-------------------------------------|------|----|

| | | | |
|----|--|------|----|
| JS | 1593 CNR1 Changzhou (31°47'N 119°59'E) | 5244 | 52 |
|----|--|------|----|

Iran

| | | | |
|---|--|------|----|
| — | 1449 VOIRI Bandar... (36°54'N 53°59'E) | 8114 | 81 |
|---|--|------|----|

Japan

| | | | |
|----|--------------------------------------|------|----|
| Ku | 873 JOGB Kumamoto (32°47'N 130°43'E) | 4615 | 46 |
|----|--------------------------------------|------|----|

| | | | |
|----|--------------------------------------|------|----|
| Ni | 1593 JOQB Niigata (37°55'N 139°03'E) | 4112 | 41 |
|----|--------------------------------------|------|----|

S.Korea

| | | | |
|-----------|--------------------------|------|----|
| 1305 HLSV | Ulgin (36°59'N 129°23'E) | 4647 | 46 |
|-----------|--------------------------|------|----|

| | | | |
|------------|-------------------------------------|------|----|
| <u>TJK</u> | 972 R.Dunya, Orzu (37°32'N 68°42'E) | 7588 | 75 |
|------------|-------------------------------------|------|----|

| | | | |
|------------|---------------------------------------|------|----|
| <u>VTN</u> | 1242 VoV Thoi Long (10°04'N 106°26'E) | 6544 | 65 |
|------------|---------------------------------------|------|----|

Total Points = 555

73 and Good Luck!

KUDL
BOS RADIO/1380

LBI-5 DXpedition

LBI-5 Attendees:

Dave Hochfelder, NJ – Drake R8B; Quantum Phaser
 Rob Stonier, Hawthorne, NJ – Drake R8
 Michael Temme-Soifer, Egg Harbor, NJ – Sony 2010
 Bob Galerstein, Monroe, NY – Drake R8B; Quantum Phaser
 Glenn Small, Framingham, MA – Sony 2010
 Bill Harms, Elkridge, MD – Drake R8B; Quantum Phaser
 Bruce Collier, York, PA – Drake R8B; MFJ 1025 Phaser; 12-band Graphic Equalizer
 Brett Saylor, State College, PA, Drake R8; Icom R-75; TenTec RX-320; MFJ 1025 Phaser
 Russ Edmunds, Blue Bell, PA – Sony 2010

Russ speaks:

For the 5th annual LBI DXpedition, planning began earlier than usual, thanks to the national reduction in store locations by Radio Shack in early summer which went along with a change in their store product lines. That event resulted in some serious bargains for many of our group who purchased adaptors, connectors, coax, wire, rotators, tripods, masting and other assorted goodies at savings up to 60% off.

As usual, we attempted to select a weekend based on recurring geomagnetic patterns starting at 90, and then 60 days out. This year, there were no obvious quiet spells, as activity had been erratic in August and early September. Nonetheless, we set a date of November 3-4-5, 2006 and the game was on.

Antennas, cables, splitters (thanks again to Chuck Hutton for lending us several extra splitters) and other hardware were deployed efficiently, and without interruption by the local constabulary, thanks to Bob's having secured permission to lay wires beforehand. We also opted to reduce the length of our NE BOG by a couple of hundred feet in order to avoid one of the main vehicle entrances to the beach. Brett brought along a GPS device, with which we were finally able to get a solid measurement on the exact orientation of our antennas. Our prior estimated had been 40 and 220 degrees, however in the event, these turned out to be closer to 33/213.

We employed both a broadband loop and a copper pipe loop just outside the main DX room at the motel, however even with the DX Engineering preamp, the signals from the former were lower than last year and somewhat erratic, which will likely cause some scrutiny prior to 2007, as that had been an excellent antenna at LBI-4. The copper pipe loop was unsoldered, and whether that was the reason or not, its signal level was below that of the BBL.

Conditions were generally mediocre, although one short-lived opening to the Middle East was observed. Thus, we had a larger than usual number of Cuban Radio Reloj stations and NDB's logged. As usual, though, good company, good beer, and good pizza made up for the conditions.

Dave speaks:

This was our fifth outing to the Jersey shore and we all had a blast seeing old friends, DX'ing, and catching up. We were all pleased with conditions last year and the year before, and all the indicators pointed to exceptional conditions this year too. I logged five new TAs in the two weeks before LBI and was looking forward to bagging some great new ones. Unfortunately, conditions were less than spectacular, despite the geomagnetic indicators. We heard our share of TAs, but (with a few exceptions) nothing that we hadn't heard in 2005 and 2004. The TAs we heard would have been great catches from home, but conditions were not DXpedition-worthy.

Conditions on Saturday were particularly strange and changed minute to minute. We had an early mid-latitude opening, but after a few hours the TAs petered out, as did the domestic clears north and west of us, usually a good indicator of an aurora. So we started chasing DX on our southern wire and had some great catches, including R. Formula, a low-power Mexican on 720. I camped out on 1140 listening to a futbol match in Spanish, at armchair copy at times. While this could have been XEMR Monterey, I spent about 30 minutes hoping to pull out some information to ID the station, team or city names, anything. Before I could do so, the bottom dropped out of the southern opening and I lost them to a resurgent WRVA. That's 30 minutes I'll never get back!

Based on our loggings this year and in the past, it seems like our southern wire is an excellent performer. I'll spend much more time chasing DX into Central and South America next year.

Each year we try to bring something new to try out, whether it's a loop shootout or a new antenna to deploy, like Mark Connelly's broadband loop design. This year I decided to make a copper pipe loop based on Craig Healy's design. Unfortunately, due to lack of experience soldering copper pipe and running out of time, I didn't get it soldered in time. Still, we tried it out on Saturday by duct-tap-

ing the sections together. I plan to use it inside my shack with a CB whip as a phase reference. So far it's given promising results. I will get around to actually soldering it sometime before next LBI and might even make another to try phasing them at right angles to each other.

All in all, LBI-5 was a blast, even if the DX was less than spectacular.

Bob speaks:

Anticipation. The buildup to the first weekend of November began to crescendo, then reached it's peak as we started to "assume the DX position" behind our radios just before the sun started to set Friday afternoon.

Each year, organizing the LBI DX'Pedition becomes more complete and efficient. This in large part due to the Radiodxing.com website that the "MVP" of the weekend, Brett Saylor, set up. It became a clearing house for ideas on how to string the beverages, terminate them, what to bring and the DX targets we would attempt. Because of the prep, and also with the experience of the previous DX'Peditions to Long Beach Island, Our Friday "construction" of the beverages, their termination and the DX positions went so smoothly, that my friend Glenn commented that he was amazed at the quickness of the assembly. Glenn was a newcomer to the group, but a former NRC member, longtime ham, and a friend of mine since fourth grade. The set up was inestimably aided by Brett taking over where Radio Shack left off. "Saylor Electronics" contained every type of connector and cable known to humankind. We could not have done the weekend without Brett's most organized tool boxes.

Once everything was tested and ready for prime time, I grabbed a bottle of my favorite ale, Saranac Adirondack Lager, and assumed the position in front of my radio, next to Dave and Glenn, looked out to the Atlantic Ocean, and tried to visualize the radio waves about to come in. Last year, at about 4:30pm, the Mideast boomed in at armchair levels for a fair amount of time. We hoped conditions would replicate last year, but it was not meant to be. Of the five LBI adventures we've had, the first two were busts as far as TA conditions and the next two brought fabulous conditions. This LBI session was between those - largely basic TA's and SA's were received, but nothing spectacular. One exception - we logged a 250 watt Mexican and I was happy to get a clear ID on XEAVR-720. On the second night, with TA activity largely dead, we focused on TA's and deep south domestics off the south BOG, and were rewarded with s-35 signals from such stations as WSUN-620 and 940 Macon, Georgia. It is certainly a strange experience hearing an SS pileup of four South American (and maybe Cuban) stations on a given frequency.

From the culinary standpoint, we were very happy that our breakfast restaurant, diagonally across the street, also served dinner to go. This supplanted the usual Pizza Hut, and saved the ten minute trip back to the mainland to pick up the pies.

Above all else, the level of camaraderie that was seeded five years ago continues to grow. After talking on the Manahawkin two meter repeater coming in on Friday, we didn't have to reintroduce ourselves to each other - we hit the ground running. This spirit is reflected in the way we report stations after the weekend - no individual credit. Using the wireless internet with starchat.net or good ole fashioned loud talking to others while wearing headphones, most of us received what everyone else was picking up. We only wish we had a couple more cups of Bruce's fine Scotch to celebrate some new countries.

Brett speaks:

For me, LBI-5 will go into the books as a middle-of-the-road DXpedition, at least conditions-wise. While we heard a number of trans-Atlantic stations both days, none were in as good as the past two years. A combination of local TV interference and generally tepid conditions (despite the low A/K indices) made stations like the normally strong Virgin 1215 inaudible much of the time. Reception of TA's was limited to lower-latitude Europeans and North Africans; beyond that, reception was disappointing. We did pick up several Mexicans, Colombians and Venezuelans and the highlight of the weekend for me was Radio Formula on 720 kHz, a 250 watt Mexican from Veracruz.

Apart from the lack of stations, the technical aspects of the weekend went very well. Antenna deployment went without a hitch in record time, although we did have problems getting the signals from our two broadband loops to both listening rooms consistently - we never did figure out if it was a cabling or splitter problem. Thanks to the past summer's Radio Shack store closings, we have finally amassed enough components, wire and splitters to outfit our small army of DX'ers, so future DX'peditions should not require much additional equipment. It was good to see last year's newcomer Michael again the first night, and this year's first-timer Glenn's eyes were surely opened by the rapid-paced activity at sundown when the first signals start skipping in across the pond.

As always, the best part of the weekend was the fellowship and conversation among the attendees, and I continue to look forward to future DX'peditions!

Bill speaks:

Although we did not hear many TA's as compared to previous years, we did hear some interesting Latin American stations. At the risk of sounding like a cliché, the camaraderie at these events is always worth taking the time to attend, regardless of what stations we hear.

| <u>Frequency</u> | <u>Date</u> | <u>Time</u> | <u>(UTC)Calls</u> | <u>Slogan</u> | <u>City</u> | <u>State or Prov</u> | <u>Country</u> | <u>D e -</u> |
|------------------|-------------|-------------|--------------------------|--------------------------------|------------------|----------------------|----------------|---|
| <u>tails</u> | | | | | | | | |
| 162 | 11/03/06 | 2140 | France Inter | Allouis | France | | | talk by M in French, music |
| 171 | 11/03/06 | 2257 | Radio Méditerranée Int'l | Nador | Morocco | | | music // 9575 |
| 183 | 11/04/06 | 0125 | Europe 1 | Felsberg | Germany | | | Talk by several people in the studio in French, music, very nice signal |
| 216 | 11/03/06 | 2206 | RMC Info | Roumoules | France | | | Fair; weak with French talk. |
| 234 | 11/03/06 | 2250 | RTL | Beidweiler | Luxembourg | | | Strong with pop music. |
| 252 | 11/04/06 | 0100 | Radio Alger Int'l | Tipaza | Algeria | | | Arabic talk by man, string music, march (national anthem) then carrier off 0101 |
| 252 | 11/03/06 | 2235 | RTE Radio 1 | Clarkstown | Ireland | | | |
| 344 | 11/05/06 | 0003 | ZIY | Grand Cayman | Cayman Islands | | | NDB |
| 376 | 11/05/05 | 0009 | ZIN | Grand Inagua | BAH | | | NDB |
| 450 | 11/05/06 | 0023 | PPA | Puerto Plata | DR | | | NDB |
| 526 | 11/05/06 | 0025 | ZLS | Stella Maris | BAH | | | NDB |
| 530 | 11/03/06 | 2102 | CM?? | R. Rebelde | Havana | Cuba | | Strong signal - man talking in Spanish // others |
| 530 | 11/03/06 | 2102 | RVC | Grand Turk | Turks & Caicos | | | News by female |
| 531 | 11/03/06 | 2105 | RTA | Ain-el-Beida | Algeria | | | French talk; |
| 549 | 11/04/06 | 2148 | Alger Chaîne 1 | Las Trembles | Algeria | | | Man speaking in Arabic |
| 549 | 11/04/06 | 2220 | BSKSA | Qurayyat | Saudi Arabia (t) | | | Arabic talk // 1512, tentative |
| 555 | 11/03/06 | 2311 | ZIZ | Radio ZIZ | Basse Terre | St. Kitts | | reggae music, BBC news later in evening |
| 558 | 11/04/06 | 0220 | RNE5 | various | Spain | | | talk by M and W in Spanish, // 684, 747 and 855 |
| 570 | 11/04/06 | 0239 | CMDC | R. Reloj | Santa Clara | Cuba | | Ticks and "RR" |
| 580 | 11/05/06 | 0458 | CM?? | R. Rebelde | various | Cuba | | music, // 600 |
| 585 | 11/03/06 | 2120 | RNE1 | Madrid | Spain | | | talk by M in Spanish, very strong signal // 684 et al |
| 590 | 11/03/06 | 0242 | CMHI | R. Musical | Havana | Cuba | | Music, Spanish talk |
| 594 | 11/03/06 | 2150 | RTM | Oujda | Morocco | | | pop music with Arabic talk // 612 |
| 594 | 11/03/06 | 2130 | Radio Renascenca | Muge | Portugal (t) | | | pop music, presumed this |
| 600 | 11/04/06 | 0244 | CMKV | R. Rebelde | Urbana | Noris | | Cuba talk - many //s |
| 603 | 11/3/1006 | 2146 | France Info | Lyon | France | | | talk by man and woman |
| 610 | 11/05/06 | 0335 | CMAN | R. Rebelde | Bahia Honda | Cuba | | 1,000 watt Radio Rebelde outlet |
| 612 | 11/3/1006 | 2150 | RTM | Sebaa-Aioun | Morocco | | | talk by man in Arabic, // 594 |
| 621 | 11/05/06 | 0430 | RNE1 | Tenerife | Canary Islands | | | |
| 630 | 11/04/06 | 0247 | CM?? | Radio Progreso | Pinar del Rio | Cuba | | Spanish talk, many //s |
| 640 | 11/04/06 | 0249 | CMBC | R. Progreso | Guanabacoa | Cuba | | Spanish talk, many //s |
| 650 | 11/05/06 | 2205 | HJKH | Antena Dos | Bogota | Colombia | | Man in rapid-fire Spanish, many mentions of Colombia |
| 670 | 11/04/06 | 0251 | CMBR | R. Rebelde | Arroyo Arenas | Cuba | | Spanish talk, many //s |
| 680 | 11/05/06 | 0310 | CMHGR | R. Progreso | Santa Clara | Cuba | | Music // others |
| 684 | 11/3/1006 | 2130 | RNE | Sevilla | Spain | | | talk by 2 men in Spanish, strong both nites, // 855, 837 |
| 690 | 11/04/06 | 0254 | CM?? | R. Progreso | Jovellanos | Cuba | | lots of parallels |
| 693 | 11/05/06 | 0317 | RNE1 | Various | Spain | | | Music, talk |
| 693 | 11/05/06 | 0231 | BBC | Radio 5 | Droitwich | UK | | talk by man in English |
| 700 | 11/05/06 | 0220 | unID | SS | DJ playing | EE songs, | | at times o/WLW, HJCX? |
| 700 | 11/04/06 | 0256 | CM?? | R. Rebelde | Sancti Spiritus | Cuba | | Spanish talk, many //s |
| 710 | 11/04/06 | 0257 | CM?? | R. Rebelde | various | Cuba | | Spanish talk, many //s |
| 720 | 11/05/06 | 0445 | HJZX | Radio Diffusora Nacional | Rionegro | Colombia | | ID, talk by man in Spanish; new at LBI, listed 50kW |
| 720 | 11/05/06 | 0120 | XEAVRR | Radio Formula | Veracruz | Mexico | | talk by man in Spanish, ID, listed 250 watts, new at LBI |
| 720 | 11/05/06 | 0542 | CMHC | R. Rebelde | Cienfuegos | Cuba | | Radio Progreso // 730 |
| 720 | 11/05/06 | 0514 | RJR | Innswood | Jamaica | | | female announcer with mentions of "on 94 FM." |
| 729 | 11/04/06 | 2237 | RNE1 | various | Spain | | | Spanish - Futbol // 684 et al |
| 730 | 11/04/06 | 0302 | CMBB | R. Progreso | Nueva Gerona | Cuba | | Spanish talk, many //s |
| 738 | 11/04/06 | 2208 | RNE1 | Palau de Plegamans (Barcelona) | Spain | | | Man talking in Spanish |

| | | | | | | | |
|------|----------|------|-------------------|------------------|----------------------|--|---|
| 747 | 11/03/06 | 2130 | RNE5 | various | Canary Islands/Spain | talk in Spanish and ID | // 684 |
| 760 | 11/04/06 | 0304 | CM?? | R. Reloj | various | Cuba Ticks and "RR" | |
| 760 | 11/05/06 | 0314 | CM?? | R. Progreso | Cuba Music | // other Progresos | |
| 760 | 11/04/06 | 0307 | HJAJ | RCN | BarranquillaColombia | obliterating WJR with music | |
| 765 | 11/03/06 | 2306 | RSR | Sottens | Switzerland | Good with pop music | |
| 770 | 11/05/06 | 0509 | CM?? | R. Rebelde | Cuba Music | // 710 | |
| 774 | 11/03/06 | 2307 | RNE1 | various | Spain music, | talk by M | |
| 780 | 11/04/06 | 0352 | YVMN | Radio Coro | Venezuela | ID, romantic music | |
| 783 | 11/04/06 | 0052 | R. Mauritanie | Nouakchott | Mauritania | Music w/ French talk | // 4845 |
| 790 | 11/04/06 | 0307 | CMAQR. | Reloj | Pinar del Rio | PdR Cuba Ticks and "RR" | |
| 792 | 11/04/06 | 2235 | France Info | Limoges | France | Woman speaking in French | // 1206 |
| 800 | 11/05/06 | 0356 | TWR | Bonaire | Netherlands Antilles | "Unshackled" program | |
| 810 | 11/05/06 | 0155 | HJCY | Caracol | Bogota | Colombia Caracol ID | |
| 820 | 11/04/06 | 0310 | CMDE | R. Reloj | Santiago de Cuba | Cuba Ticks and "RR" | |
| 830 | 11/04/06 | 0400 | YVLT | Radio Sensacion | Caracas | Venezuela Venezuela National Anthem; new at LBI | |
| 837 | 11/04/06 | 2202 | France Info | Nancy | France | Talk by man in French | |
| 837 | 11/04/06 | 0212 | COPE | Various | Spain/Canary Islds | Man and woman speaking in Spanish | // 999 |
| 840 | 11/04/06 | 0312 | CMHW | Dobleve | Santa Clara | Cuba Music, talk, ID | |
| 850 | 11/04/06 | 0314 | CM?? | R. Reloj | Nueva Gerona | Cuba Ticks and "RR" | |
| 855 | 11/03/06 | 2155 | RNE1 | Various | Spain | Man talking | // 684 and 693 |
| 860 | 11/04/06 | 0316 | CMDB | R. Reloj | Baracoa | Cuba Ticks and "RR" | |
| 864 | 11/04/06 | 0053 | France Bleu | Paris(?) | France | Excellent; armchair copy. | |
| 890 | 11/04/06 | 0318 | CM?? | R. Cad. Nac.Cuba | SS | talk ID | |
| 895 | 11/05/06 | 0206 | Voice of Nevis | | Charlestown | Nevis | Voice of Nevis mentions, music |
| 900 | 11/04/06 | 0320 | CM?? | R. Reloj | Cuba | Ticks and "RR" | |
| 909 | 11/04/06 | 0201 | BBC Radio 5 | Various | England | Men speaking, English accent | |
| 945 | 11/04/06 | 0156 | France Info | Toulouse | France | Excellent with male French talk. | |
| 950 | 11/04/06 | 0323 | CM?? | R. Reloj | Habana | Cuba Ticks and "RR" | |
| 960 | 11/04/06 | 0325 | CM?? | R. Reloj | various | Cuba Ticks and "RR" | |
| 999 | 11/03/06 | 2235 | Voice of Russia | Maiac | Moldova (tent) | talk by woman in language, | |
| | | | | | | | Bruce Conti via #mwdx IRC chat thought it was Voice of Russia but not enough details here to be certain |
| 999 | 11/04/06 | 0153 | COPE | Madrid | Spain | Woman singing, then man talking. TOH pips then sounder | |
| 1000 | 11/04/06 | 0338 | CM?? | R. Reloj | Cuba | Ticks and "RR" | |
| 1000 | 11/04/06 | 0230 | XEOY | Radio Mil | Mexico City Mexico | Spanish talk, presumed | |
| 1020 | 11/04/06 | 0341 | CM?? | R. Reloj | Cuba | Ticks and "RR" | |
| 1026 | 11/04/06 | 2157 | SER | Spain synchros; | // various | Spain stations with futbol | |
| 1035 | 11/04/06 | 0115 | R. Clube Nacional | Porto Alto | Portugal | Light pop music | |
| 1044 | 11/04/06 | 2231 | RTM-A | Sebaâ-Aioun | Morroco | Arabic chanting | |
| 1053 | 11/03/06 | 2209 | Talksport | Droitwich | England | Man talking, taking calls | |
| 1053 | 11/04/06 | 2240 | Radio Jamahiriyah | Tripoli | Libya (tent) | talk, Bruce Conti heard | // 675 (tentative) |
| 1060 | 11/04/06 | 0435 | unid | Tropical music, | male, female annrs | | |
| 1060 | 11/04/06 | 0142 | XEEP | Radio Educacion | Mexico City DF | Mexico | s-20 with classical music & Mexican music |
| 1062 | 11/03/06 | 2106 | Kalundborg | Denmark | | | |
| 1070 | 11/04/06 | 0500 | CMAS | R. Guama | Pinar del Rio | Cuba | NA & ID |
| 1089 | 11/04/06 | 2219 | Talksport | Brookman's Park | England | Commercial - man - Brit accent | |
| 1134 | 11/04/06 | 0015 | HR1 | ZadarCroatia | male talking. | // 7285, not strong | |
| 1140 | 11/05/06 | 0125 | XEMRp | Monterey | NL | Mexico | Strong with futbol; dropped out after about 30 minutes. |
| 1179 | 11/04/06 | 2200 | Radio Sweden | Solvesborg | Sweden | Interval signal, into talk by man | |
| 1206 | 11/04/06 | 0118 | France Info | Bordeaux | France | talk by woman in French, song "I Want to Live Forever" from "Fame" movie | |
| 1215 | 11/03/06 | 0445 | Virgin Radio | Moorside Edge | UK | pop music, s-30, mixing with American accented female | |

| | | | | | | |
|------|----------|------|-------------|------------|--------------------|---|
| 1377 | 11/03/06 | 0140 | France Info | Lille | France | |
| 1431 | 11/04/06 | 2303 | Radio Sawa | Arta | Djibouti (t) | Middle Eastern music, weak, tentative |
| 1467 | 11/04/06 | 2306 | TWR | Roumoules | France | talk in Arabic-sounding language (TWR listed with Kabyle) |
| 1512 | 11/04/06 | 2220 | BSKSA | Jeddah | Saudi Arabia (t) | Man speaking in Arabic, tentative |
| 1521 | 11/04/06 | 2138 | BSKSA | Duba | Saudi Arabia | Man talking, // 9555 & 9870 |
| 1521 | 11/05/06 | 0340 | SER | | Spain | synchros |
| 1540 | 11/05/06 | 0500 | ZNS | Nassau | Bahamas | "AM 15-40 in Nassau" by non-accented male announcer |
| 1548 | 11/04/06 | 2301 | R. Sawa | | Kuwait City | Kuwait (t) Middle Eastern music & talk, tentative |
| 1575 | 11/04/06 | 2255 | Radio Farda | Al Dhabiya | UAE | Middle Eastern Music - strings and vocal |

For Beginners

Greg Harris wdx9khy@sbcglobal.net
262 Juniper St.
Park Forest, IL 60466-1723

Shared techniques for the new and experienced DX'er

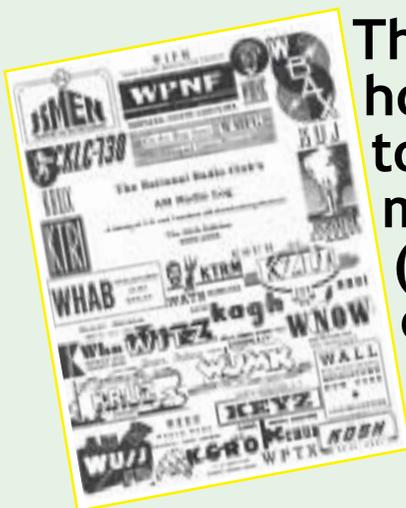
Have you ever been curious about what goes on in those radio stations you try to hear? In most (not all) places there is at least one broadcasting station, be it AM or FM, in your local area. Look in your yellow pages under "Radio Stations and Broadcasting Companies". Sadly (in my opinion anyway) many stations are automated and have few on staff. Call your local station and request a tour. I would say tell them you are a listener (many won't know what a DX'er is) and if possible would like a tour. Years ago I made such a phone call and got a fine tour of WCGO (1600 Kc/s in Chicago Heights Il). The worst they can say is "no". I was let into the studio and watched and listened to all that went on around me, and I was fascinated. After the visit I had some knowledge of what work went into getting those AM DX signals I chased transmitted into the ether. Give your local broadcast station a call; you might just be surprised

73.

Publisher's Note: The first time I visited my local station, I had been invited to read on the air my contest verse as a weekly winner - probably of something like ten bucks (okay, it was a small town, and they were cheap). A big deal for a 16-year-old kid, though. Three years later I was working there part-time as a continuity writer and log typist, on a monstrous Adler electric typewriter. And then came the fateful day that the weekend guy walked in and said "I quit!" Suddenly, Saturday morning at 8 am I found myself on the air, and awful as I was when I started, I parlayed that job into another in the town I attended college. Not only that, during spring break in the Ozarks while I was still working at the second station, I visited a station in Arkansas ... and when they found out that I was an on-air "personality" they offered me a job on the spot (which I wisely turned down ... I knew all about cheap small-town radio stations by then!). Back in the day, if your timing was right, you could find yourself replacing the guy who had just brushed past you as you wandered in to the local station! -pls.

Expiring? Time to renew? Not sure when? Need to call or e-mail someone or join e-DXN or DXAS? Check the back page - it's all there!

NRC AM Radio Log, 27th Edition



The NRC AM Radio Log is unbound and three-hole punched for standard binders. \$19.95 to U. S. NRC members; \$25.95 to U. S. non-members; to Canadian members, \$23.00 (\$27.95 to non-members). Airmail to all outside of USA/Canada: \$29.95. Order from: NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)

National Radio Club

Founded in September, 1933, the National Radio Club is a non-profit organization devoted to the medium wave DX hobby. It is operated solely by uncompensated volunteers. Subscription costs cover printing, postage, and operational costs and are subject to change without prior notice. The opinions expressed in this magazine are those of the individual writer and do not necessarily reflect those of the Publisher or the Board of Directors of the National Radio Club, Inc. Any reproduction of material contained in DX News/e-DXN without permission of the National Radio Club or the author is prohibited. All published material in DX News/e-DXN may be reprinted by the National Radio Club at a later date. DX News/e-DXN published material reprinted in other publications should include an attribution naming the author and DX News/e-DXN as the original source. Construction projects described herein may be hazardous and are to be undertaken at the assembler's risk; the NRC, its officers, and author(s) will not be responsible for any injuries or losses arising during these projects. *Tool usage and electricity can be dangerous.*

NRC Board of Directors: John Bowker(jbowker@tampabay.rr.com): **NRC Ombudsman** - 1811 Fort Duquesna Dr. - Sun City Center, FL 33573-5035; Ken Chatterton (krazyken@tcnet.net); Bill Hale (w_r_hale@sbcglobal.net); Wayne Heinen (wayne@wayneheinen.com): **Chairman**; **NRC-AM Radio Log Editor** - 4131 S. Andes Way - Aurora, CO 80013-3831; Dick Truax (K9RT@aol.com): **NRC Treasurer** - P. O. Box 39451 - Louisville, KY 40233-9451.

NRC/IRCA Broadcast Test Coordinator: Les Rayburn - 100 Centerview Drive, Suite 11 - Birmingham, AL 35216-3748 (les@highnoonfilm.com).

The National Radio Club includes **NRC Publications**, **DX News**, **e-DXN**, and **DX Audio Service**:

- **NRC Publications** - Wayne Heinen, Manager - P. O. Box 473251 - Aurora, CO 80047-3251 (What to send: \$ for Publications/ Reprint Orders, **NRC Product Catalog** [send 1st-class stamp]).

- **DX News Publisher/Editor** - Paul Swearingen (plsBCBDXER@aol.com) - P. O. Box 5711 - Topeka, KS 66605-0711; 785-224-6907 [voice mail], 785-266-5707 [prepaid] (Contributions to **DX News**; requests for replacement copies of **DXN**; 1st-class stamp(s) for sample **DXN**; **DXN** changes of address; \$ for **DXN**/e-**DXN** renewals or new subscriptions; subscription status inquiries) **Yearly Subscription (30 Issues)** to **DX News**: (send checks/money orders to National Radio Club - P. O. Box 5711 - Topeka, KS 66605-0711) U.S. Address: U\$28.00; Canadian Address: U\$38.00; all other countries: U\$52.00.

- **DX Audio Service** - Fred Vobbe, Publisher/Producer - 706 Mackenzie Drive

National Radio Club, Inc.

DX News

P. O. Box 5711

Topeka, KS 66605-0711

- Lima, OH 45805-1835, 360-382-1957 (recordings for the Audio Service; \$ for subscriptions; **DXAS** address changes)

DX Audio Service Yearly Subscription (twelve 90-minute tapes, mailed on or about the 20th of each month) (send new and renewal subscriptions to Fred Vobbe): One-year First Class Mail subscription to DX Audio Service to USA, Canada addresses: U\$28.00; all other addresses: U\$40.00

- **e-DXN.com**: To subscribe: Access the e-DXN web site <<http://e-dxn.com>> and then follow the indicated links to register: +\$5.00 if you're a DXN or DXAS subscriber; \$15.00 to non-subscribers.

- **Payment options** for any item: check, money order, or credit card (via PayPal - access www.nrcdxas.org ONLY and follow the links), or cash only at your risk.

Note: all checks and money orders should be made out to:

National Radio Club.

DXN News is printed by Hall Commercial Printing, Inc. - 1935 N. W. Topeka Ave. - Topeka, KS 66608

**First-Class
Mail
U. S. Postage
PAID
Topeka, KS
Permit #598**