I'm pleased to announce that long-time NRC committee member Harry Helms, who is well-known for publishing various aids for DXers throughout the radio spectrum, has volunteered to take over DDXD-West from Bill Hale, who will proceed to the AM Switch editorship, all to take place in time for Volume 71, #1 this year. More info to follow.

I also plan to start up some form of an NRC contest manager, and with or without wonderful prizes (like a weekend stay in Grantville, KS, hi). I decided this season to enter Nancy Johnson's excellent contest for IRCA, and even though I got nailed by food poisoning in December and didn't feel like crawling back to the dials for some time after that, I still managed to add around 45 stations to the totals. And that's what logging contests are all about, anyway.

NRC In Big D, 2003 ...
What: National Radio Club Convention
When: August 29 through August 31, 2003
Where: Dallas/Fort Worth, TX, Holiday Inn Select DFW Airport South - 4440 Airport Freeway - Irving, TX 75062, 1-800-560-2242 or 972-399-1030. http://www.ichotelsgroup.com/h/d/HI/1H/dfwso?ins=y.

Room rates are $69.00 single or double occupancy ONLY. Rate guaranteed Thursday August 28 through Monday September 1, 2003. Please make reservations by August 15. Registration: $45.00 per member/70.00 member and spouse. Mail registration to: Bill Hale - 6124 Roaring Springs Drive - North Richland Hills, TX 76180-5552. Or ... go to http://www.nrcdxas.org; Click on "Convention". You can register using PayPal!

Auction: If you have items to donate for the NRC auction, please send them to: Wally Wawro - WFAA-TV - 608 Young Street - Dallas, TX 75202.

Mark on the package that it's for the NRC Auction and include a telephone number and/or e-mail address so I can let you know it arrived in good condition. Please, no junk.

Questions? Wally Wawro 214-977-6260, wwa@wfaa.com, nrc2003bigd@hotmail.com.

One more GTG ... The 10th annual Madison DXers and Radio Enthusiasts will be held on Saturday, August 16 beginning at 1 PM CDT. This year’s hosts are the NRC’s Bill and Nina Dvorak, 501 Algoma Street Madison WI 53704-4812, telephone 608-244-5497. This is an all-band event that last year drew 26 DXers (including six from the NRC). For more information, e-mail Bill at <<dxerak@aol.com>> (please include “Madison DX GTG” in the subject line) or use the above address or phone number.

DXCrop ... Former NRC member Pete Kemp - P. O. Box 73 - Bethel, CT 06801, 203-743-5315 is offering a Worcester Electronics, Space Magnet SM-2 antenna and a Sanserrino Box Loop antenna, either for $50. The SM-2 is shippable; the loop really should be picked up, Pete says.

Questions? Wally Wawro 214-977-6260, wwa@wfaa.com, nrc2003bigd@hotmail.com.
**CALL LETTER CHANGES**

- Old call
- New call

- **540 WDKX** TN Clarksville: WJQI
- **730 CJNW** BC Vancouver: CHMJ
- **790 *New** NV Winchester: KPTO
- **1110 WFCG** LA Franklin: WCMN
- **1140 WKWM** MI Kentwood: WJNZ
- **1240 WDFL** FL Cross City: WNYN
- **1240 WLTQ** FL Fort Myers: WINK
- **1260 WLG5** AL Birmingham: WYDE
- **1460 KCCS** CO Colorado Springs: KZNT
- **1460 WWWG** NV Rochester: WHIC
- **1480 WZTK** FL Arcadia: WFNL
- **1480 *New** VA Glen Allen: WTOX
- **1570 WCGR** FL Fernandina Beach: WNKR
- **1690 WJNZ** MI Ada: WDDS

**APPLICATION FOR NEW STATIONS**

- 1140 FL Enslow: 1000/250 U2
- 1340 WV Welch: 1000/250 U1 (replacing the deleted WXXE)

**GRANTS FOR NEW STATIONS**

- 1160 MO Cleveland: 215/215 U4

**APPLICATIONS FROM EXISTING FACILITIES**

- 680 WAPA PR San Juan: 1000/1000 U2
- 730 KSUD AR West Memphis: 1000/1000 U4 (application was dismissed, then reinstated)
- 770 KAAM TX Garland: 1000/1200 U4
- 810 WEUS FL Orlando: 6600/2000 U4
- 850 KJON OK Anadarko: 5000 D1
- 910 WFDF MI Flint: 5000/1000 U2 (application modification)
- 930 WLLL VA Lynchburg: 9000/42 U1 (typo last issue showed this station on 960 kHz)
- 1040 WZNA PR Moca: 9000/245 U4
- 1040 WKNQ GA Tallapoosa: 5000 (5000 CH) D1 (reapplication)
- 1190 WBIS MD Annapolis: 5000/390 U4, city of license to Garrison, MD
- 1370 WLCN NC Gastonia: 20000/30 U1
- 1430 WDJS NC Mount Olive: 1000/70 U3
- 1450 KZNU UT St. George: 1440 kHz with 1000/420 U2
- 1470 WCHJ MS Brookhaven: 1000/62 U1
- 1500 WGEN IL Geneseo: 500/11 U1
- 1560 KILE TX Bellaire: 50000/10000 U4 (amendment to remove 50000 CH from previous application)
- 1590 WATX TN Algood: 2400/35 U1

**GRANTS TO EXISTING FACILITIES**

- 620 WSNR NJ Newark: 8500/5000 U4, city of license to Jersey City, NJ
- 890 KLFF CA Arroyo Grande: 5000/5000 U4
- 960 KNEB NE Scottsbluff: 50000/330 U4, relocate transmitter
- 980 KICA NM Clovis: 1400/172 U1
- 1130 WPBY NC Benson: 5000 (1000 CH) D1
- 1510 KTMM CA San Rafael: 8000/230 U4, city of license to Piedmont, CA
- 1550 KJWA IA Sheldon: 283/6 U1

**OTHERNESS**

- 570 WWMN MS Biloxi: license CANCELLED, call DELETED (operations moved to WTNJ-1460)

**APPLICATIONS TO EXISTING FACILITIES**

- 580 CJFX NS Antigonish: license CANCELLED, has moved to 98.9 FM
- 680 WCTT KY Corbin: CP for 770/930 U2 is on
- 750 WQOR PA Olyphant: silent station is ON THE AIR
- 850 WQST MS Forest: SILENT
- 880 WCVQ VA Moneta: silent station is ON THE AIR
- 930 WYNJ AL Monroeville: silent station is ON THE AIR
- 980 WKLF AL: Clanton: license CANCELLED, call DELETED
- 980 KICA NM Clovis: CP for 1400/172 U1 from new site is on
- 980 WAAA NC Greensboro: SILENT
- 1000 WSMW SC Walhalla: SILENT
- 1010 WCST WV Berkeley Springs: SILENT (this station has been on and off more times than I can remember. I was in Berkeley Springs on 5/26 and it was off then)
- 1040 KLHT HI Honolulu: CP for 1000/1000 U1 from new site is on
- 1050 KMAP CA Frazier Park: CP for 1000/7 U5 is on
- 1050 KCAA CA Loma Linda: silent station is ON THE AIR (ex-Big Bear Lake)
- 1080 WOAP MI Owosso: application for 50000/450 U7 is DISMISSED
- 1100 WNNY NY Cantonment: CP for 10000 (2000 CH) D1 is on
- 1100 WMVY MS Newton: SILENT
- 1130 WMGA GA Moultrie: SILENT
- 1130 WQIS TN Camden: silent station is ON THE AIR
- 1140 KSOO SD Sioux Falls: CP for 10000/5000 U2 is on
- 1150 WSNW SC Seneca: SILENT
- 1150 WDMT TN Selmer: SILENT
- 1230 WBOK LA New Orleans: silent station is ON THE AIR
- 1240 WIKQ FL East: SILENT
- 1310 WHEP AL Foley: CP for 2500 D1 from new site is on
- 1310 KRBI MN St. Peter: CP for 870/260 U4 is on
- 1320 WKJM KY Mayfield: silent station is ON THE AIR
- 1340 CJLS NS Yarmouth: new 95.5 FM is operational, AM may be off by the time this reaches you
- 1370 KTMG CO Deer Trail: license CANCELLED, call DELETED at licensee's request
- 1410 WQQB FL Leesburg: SILENT
- 1410 KMYR KS Wichita: silent station (due to transmitter fire) is ON THE AIR with STA (Special Temporary Authority) for 250/250 U1
- 1430 WQQQ WI Durand: SILENT
- 1440 WHDM TN McKenzie: CP for 500/91 U1 is on
- 1440 WYGH KY Paris: application for 1000/30 U1 is DISMISSED
- 1460 WRRE PR Junctions: silent station is ON THE AIR
- 1470 WXAG GA Athens: silent station is ON THE AIR
- 1480 WISI PA Shamokin: silent station is ON THE AIR (and evidently operating to preserve the license with non-stop oldies from a CD player with no announce-
- 1500 WQCR AL: Alabaster: despite several reports in the press and on DX reflectors, this station is NOT silent and has never been silent, this according to Tony Klimt in Alabaster
- 1500 KMXO TX Merkel: license CANCELLED, call DELETED (the license was cancelled and call deleted at this station once before in 1999, but a petition for reconsideration resulted in the operating authority and call being restored)
- 1550 KADZ CO Arvada: SILENT (has been operating KADZ-1690 for five years and must now turn off the 1550 facility, although the FCC database does not yet indicate license cancellation for the 1550 facility)
- 1550 WRHC FL Coral Gables: application for 8500/330 U4 DISMISSED at licensee's request
- 1550 KXTX NV Reno: silent station is ON THE AIR
- 1550 KKAD WA Vancouver: CP for 50000/1200 U2 is on
- 1570 WONKA MS Winona: SILENT


73 and Good DX, Jerry Starr & Buffalo K. Foonman

**Need more information about AM DX'ing?**

Mail a First-Class stamp to NRC Publications - P. O. Box 164 - Mansfield, NY 13661-0164 and ask for the NRC Publications Catalog.
MEDIUM WAVE RAMBLINGS

Q Thanks to the persistence of Pat Martin or Seattle, Oregon, we've got a good QSL address for KNAX-1630 (Hello, David Jones!). From the NRCDXAS AM list: "... after trying several times sending reports to the station, I sent my report to the Co. Hq in KY, after a tip from DXer Terry Palmersheim. Received QSL card, & letter along with Lexington KY station stickers in 10d for SASE. Address: Mortonson Broadcasting Company, 32/0 Blazer Parkway, Suite 101, Lexington KY 40509-1847. V / S: Dennis Blais CE. " Thanks, Pat!

Q Tim Hall, after returning from an extensive trip in the Rockies, reports several TIS station activities and adds: "We saw no signs of the CP for EVERY case, the reporter could have I cannot urge you enough to purchase an NRC AM Log. This past month I've received several sending reports to the station, I sent my report to the Co. Hq in KY, Address: Mortenson Broadcasting Company, 3270 Blazer Parkway, Suite 101, Lexington KY overnight for now." I

August 1. The network will offer affiliates reruns of Neal

Traffic reporting service on the air by July 1847.

Feder also reports that Clear Channel is trying very vigorously to land that 1690 kHz station in antennas, and get ready for a great DX season to come. There IS DX out there!! The final two A terrific turnout for this time of year. Now's the time to get those logs in shape, rig those long wire

REPORTERS

RA-CA1 Rene Auvray Los Angeles Jensen Plus Tuner in '97 Taurus

RA-CA2 Rene Auvray Victorville Jensen Plus Tuner in '97 Taurus

RA-NV Rene Auvray Henderson

SA-MB Shawn M. Axelrod Winnipeg Icom ICR-70 / Drake R8 / ICOM R-7000 + 4 Foot unamplified box loop / Quantum Loop: 145' outdoor wire: 100' indoor wire / discone / MF 1026: <Saxelrod@mb.sympatico.ca>

RD-NE Rick Dau at a city park in Lincoln Sony ICF-2010 + Quantum Loop antenna<br>

RD-SD Rick Dau on U.S. Hwy 212 just east of Redfield 1992 Chevy S-10 truck radio<br>

PG-CO Patrick Griffith Westminster Dr. R-8 and Kiwa loop <AM-DX@webtv.net>

TRH-CA/NV/ID/MT/WY/UT/AZ Tim Hall On the road (Toyota car radio)

TRH-CA1 Tim Hall Lone Pine Sony ICF-2010, Kiwa Loop, Quantum QX, Marantz tape recorder, Inaermacro DJ-17 timer

TRH-ID1 Tim Hall Ketchum

TRH-NV1 Tim Hall Eureka

TRH-UT1 Tim Hall US 6/50 a few feet east of the NV/UT border

TRH-UT2 Tim Hall Tecumseh

TRH-W1 Tim Hall Yellowstone Lake Village

TRH-W2 Tim Hall Greed River

WH-CO Wayne Heinen (Aurora) mobile on I-70 <AMRadioLog@aol.com>

PAL-MN Paul LaFreniere Grand Marais Superadio III + longwire <plafren@boreal.org>
...maybe by the time you read this. Programming will be // KFTW-FM 92.1 Glen Rose with the Country Gold format. The 5 kW day pattern shoots one lobe at 322° and another at 154°, while the 700 WAT night pattern is basically the same, only smaller. [Ed.-TX]

1510  KTIM  CA  San Rafael  -  6/30  -  Format has returned to Classical; ex: C&W. (10000Watts.com)

1550  (KADZ)  CO  Arvada - 6/1 - Now dark. This was one of the two Radio stations in Denver. It has been // to KADZ 1690 since 6/3/98. The sign-off date was two days short of 5 years. I talked to a rep at the station today and verified that they were forced to surrender one of the two licenses by the FCC. The person I spoke with indicated that something else might be appearing on the 1590 frequency in a month or so but wouldn't confirm who or what. I air checked KADZ today and they are still on air with the old liners as KADZ Arvada, KDDZ Arvada-Denver. (PG-CO)

2330

1570  WONA  MS  Winona - Is silent. (DX-midAmerica.com)

1600  KLGA  IA  Algoma - Now programming classic country; ex: hot AC. (DX-midAmerica.com)

1670  KHPY  CA  Moreno Valley - Is now Spanish religion. (DX-midAmerica.com)

1680  WLAA  FL  Winter Garden - 6/7 0401 - Poor signal, under WJNZ, with Spanish talk and Mexican music; ex: WTIR. New. (SA-MB)


780  UNID  ??  - 6/23 0642 - With 10CC's The Thing We Do For Love. Station fadet out KKOH was getting stronger. Who? (RA-NV)

1230  UNID  ??  - 5/29 0747 - SSB and sign-on; soon faded. (TRH-WYI)

1240  UNID  ??  - 5/28 2214 - Fresh music and all your favorites on KGZN (?)-FM. (TRH-WYI)

1330  UNID  ??  - 6/14 0141 - Someone airing ranchero music, but the language sounded like Portuguese. (TRH-HI)

1450  UNID  ??  - 5/28 0733 - Community Calendar mentioning a Willie Nelson concert and a festival called Music in the Mountains 2003. (TRH-WYI)

1460  UNID  ??  - 5/28 0118 - Ad for Northern Light's Human Society at 483-??57. I found a couple of matches for this name on the web, but the phone numbers were not even close. (TRH-WYI)

1490  UNID  ??  - 3/59 0604 - Ad for Oregon State Extension, The New 1430, KCCF (?). (TRH-WYI)

TIS & OTHER STUFF

530  WPJRR91  CO  Dumont, Bakersville, Keystone, Vail Pass and Avon - All noted 6/8 with the same message about the sink hole detour on Westbound I-70. All except Avon used the WPJRR91 call and the City as shown. Avon had no call sign given but presumed to be this. (WH-CO)

530  KNNN871  CO  Vail - 6/8 - Kay Triple N 871 with information on the Town of Vail, use of roundabouts and parking regulations. (WH-CO)

530  KOCH913  ID  Arco (area) - 5/27 1500 - Idaho National Environmental/Engineering Laboratory is on the air with a brief tape loop about the nation's first nuclear power plant. Four transmitters were originally licensed, but we would agree with a word article I read a while back implying that only the station near the US-20/26 split is on. (TRH-ID)

530  TIS  WY  Jackson (area) - 6/1 1110 - National Elk Refuge TIS is still active and getting out well during the day. Station is north of Jackson, Wyoming, probably near the visitor center. (TRH-WY)

540  WNKZ394  CO  Georgetown - 6/8 - Wildlife viewing area information, with somewhat distorted audio. (WH-CO)

660  "KRSX"  CA  Victorville - 5/23 1220 - Good signal, with oldies (mostly pre-British invasion) and slogans Cruisin' Oldies and The Big 6. I read about this station in Route 66 Magazine; it is run by the former owner of KMIN-980 and runs with 0.1 watts. Commercials sell for $1 each. The signal was audible for 15 or 20 miles along I-15 as we returned on June 7th. (TRH-CAL)
Currently the only KMAX using these calls.

Wildlife and how to handle food so as not to attract bears. (TRH-WYI)

You're listening to News Talk 1350, KSRO. New station- announcer. All new slogans. Noted for new format change.

Your station for the American songbook, K-Surf.

Good with local ads and great oldies, KWNA, Winnemucca, Nevada.

Good with local ads and Radio Fiesta slogan. (TRH-WYI)

Good with local ads and great oldies, KWWM, Northern Arizona's oldies station, AM 970, then a quick KVSL. (TRH-WYI)

Good with Colorado Public Radio programming and ID. (TRH-WYI)

into Channel 2 TV, ads. TCs in Mountain times, news and weather. Bob Peters reporting traffic. KTNN-600 QRM. (RA-CAI)

into a Stevie Wonder song. Lots of QRM. (RA-NV)

into a local talk program. You can't get Colorado in the daytime, but you sure can in Lincoln.

into a seat belt PSA read by a state highway patrolman. (TRH-WYI)

getting out very well. (TRH-UTZ)

getting out very well. (TRH-UTZ)

getting out very well. (TRH-UTZ)

getting out very well. (TRH-UTZ)

getting out very well. (TRH-UTZ)
10 1490 KYNR WA Toppenish - 5/25 0350 - Good on tape, with Yakima chunting format and ID. Really gets out well lately. (TRH-UTI)
1500 KSJX CA San Jose - 6/6 2322 - With Chinese man and woman announcing a program. (KR-AZ)
1680 KTFH WA Seattle - 6/8 0100 - ToH ID as AM 1680, KTFH, Seattle, then into a rhythm song that I couldn’t quite ID. I believe the program was an Oriental language, as the female announcer seemed to alternate between EE and the other language. I was able to identify the EE portions of the lead-in to several music selections, which I believe was music from Oriental movies. I also noted that the ID included the phrase...a service of Salem Communications. Very weak, but above the background until about 0120. Same ToH ID caught on tape at 0200. (PG-CO)

GRAVEYARD DX UPDATE

* indicates record held by DXER from North America (excluding Alaska)

1230 kHz:
KOY AZ Phoenix Tim Hall Yellowstone Lake Village, WY 769
KTNC NE Falls City Paul Swearingen Topeka, KS 70

1240 kHz:
XEWG Chih Ciudad Juarez Tim Hall US 6/50 near NV border, UT 663

1240 kHz:
KRLV NV Las Vegas Tim Hall Yellowstone Lake Village, WY 629

1450 kHz:
KVSL AZ Show Low Tim Hall Green River, WY 435
KTPA CA Porterville Tim Hall Yellowstone Lake Village, WY 666
KDMN CO Buena Vista Tim Hall Green River, WY 211

1490 kHz:
KPLT TX Paris Stephen Ponder Fort Worth, TX 119
KYNR WA Toppenish Tim Hall US 6/50 near NV border, UT 598

WKNR Total
1220 1230 1240 1440 1450 1490 Total
Niel Wolfsch, Toronto, ON 13 26 18 22 22 35 136
Tim Hall US 6/50 @ NV-UT Border, UT 14 14 12 10 10 8 67
Tim Hall Teasdale, UT 10 11 8 10 8 11 57
Tim Hall Yellowstone Lake Village, WY 9 9 9 9 9 8 53
Tim Hall Lone Pine, CA 7 6 4 4 4 5 30

Remember all the GY DX records are on line at: www.angelfire.com/tx2/phantom2/index.html

DDX-East

REPORTERS

MC-NJ Mike Clancy, Jersey City - DX-396
JF-ON Jeff Falconer, Clinton - AOR AR7036+, 130' east EWE / 130' west EWE, MFJ-1026 phaser, etc.
BDM-ON Russ McLarnon, Ottawa - NR-55, 1m air-core loop, 40m inverted vee, MFJ-1026.
HG-NA Herbert Newberry, Newborn - Kenwood R-5000, Quantum Pro QX Loop, Quantum Phaser with longwires.
AO-FL Al Ogrizovich, Jacksonville - Crane Radio Plus and Justice Loop.
DP-HI Dale Park, Honolulu - Station Notes.

STATION NOTES

670 WMTY TN Farragut/Knoxville - Adding “Kim Komando Computer Show” per program 6/14, along with sister station 1140 WLOD-TN Loudon. However, according to a listing in the Knoxville News on 6/13, both stations air oldies-type music (one pop, the other R&B), so is this special programming or indicative of a format change? (DP-HI)

PREMISED AND UNID

690 WJOXp AL Birmingham - 5/15 1945 - Presumed with Atlanta Braves baseball game. WCKV present also, with Sean Hannity. (HN-GA)
810 WNSlp AL Jacksonville - 6/26 2019 - “All-American talk radio.” Good. (AO-FL)
910 WJCWp TN Johnson City - 5/16 2158 - Presumed with Atlanta Braves baseball. WEPG (S. Pittsburg, TN) on after hours, presenting a challenge at times. (HN-GA)
1300 UNID - 5/28 2242 - Sinatra singing “The Summer Wind”?, heard above sports station (“Sportradio 1300 The Jock”). Fair signal faded at song’s end. At 2253, heard “Mission Impossible” theme, followed by... Johnny Magnus on Music of Your Life.” (MC-NJ)
1560 WAGLp SC Lancaster - 6/4 0614 - Good with Spanish programming and EAS test in Spanish. Good signal. (AO-FL)
1620 UNID TIS VA Richmond-Petersburg - 6/15 2145 - TIS station. Mentions of Richmond and Petersburg visitors’ area. Reference to Patrick Henry’s speech. (RJ-NC)
1640 UNID - 6/6 2150 - “?Bravo... this condition is declared when an increased or more predicted threat of terrorist activity exists. Even though no particular target has been identified, the measures of this must be capable of being maintained for weeks without causing undue hardship, affecting operational capability or aggravating relations with local authorities.” Wonder if this is near a military base in NC? (RJ-NC)
1650 KWHNp AR Fort Smith - 5/14 0211 - Presumed with “Coast to Coast”, mixing with WHOY’s insipid kiddie-pop. Each dominant over the other on the invert switch on phaser. (HN-GA)
+ 6/23 1935 - Mike Savage talk show. Good signal. (AO-FL)
1660 WQSNp MI Kalamazoo - 5/14 0219 - Presumed, dominant with ESPN programming. KXTR (Kansas City) presumed in background with classical music. Not able to null either one. (HN-GA)

STATION LOGGINGS

720 WGCR NC Pisgah Forest - 5/15 2001 - “one minute past the hour, you’re listening to WGCR, Carolina’s gospel radio.” WGSE in partial null. (HN-GA)
770 WCGW KY Nicholasville/Lexington - 5/15 2044 - A full, legal sign off at local sunset, complete with gospel quartet signing the national anthem. Rare to hear an old fashioned sign off! WABC just starting to roll in. New; a pleasant surprise! (HN-GA)
780 WWOL NC Forest City - 6/26 2037 - Country gospel and sign off. (AO-FL)
900 WLSI KY Pikeville - 5/14 0105 - In heavy background, with pest WBML (Macon), heard “WLSY, your old friend.” (HN-GA)
1050 WFLA FL Tampa - 6/27 0630 - Good with news. Local WVOJ null out. (AO-FL)
1050 WEPN NY New York - 5/18 2100 - good over CHUM at times with ID during Phillies game. “This is the new sound of New York sports, 1050 ESPN Radio, WEPN, New York City.” Ex WHN/WUOX/WFTN/WEVD for me. (JF-ON)
1130 KWKI LA Shreveport - 6/24 0100 - “Country legends KWKI.” Song, “He’s got you. I’ve got Mexico.” First time I have ever heard this relatively nearby 50 KW. WBBR weak. (RJ-NC)
1150 WCRK TN Morristown - 4/20 2050 - “... on April 27... on 1150, WCRK” followed by “Windy”, Signal low but clear, then faded. (MC-NJ)
1170 WLGO SC Columbia-Lexington - 5/31 1200 - “WLGO, Lexington... 10,000 watts, WLGO.” Then beep at TOH. Listenable. New. (HN-GA)
1230 WSBB FL New Smyrna Beach - 6/20 0500 - NQC music (“Feelings”), ID “The memories... AM 1230, WSBB New Smyrna Beach - Daytona Beach”, into CNN news, strong and nearly alone in apparent auroral conditions. 1162 miles, and it’s not even a new one - previously logged in October 2000. (BDM-
International DX Digest

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

Transatlantic DX

153. ALGERIA Chaine 1, Béchar JUN 23 - Arabic discussion with two men; to fair peak. [Connelly**-wv-MA]
162. FRANCE France-Inter, Allouis JUN 3 - Rock guitar and tropical jazz accompaniment (xylophone or vibrrophone); good, best LWT. + JUN 4 006 - Modern Middle Eastern music (female vocal with synthesizer backing); huge. [Connelly**-wv-MA] JUN 7 020 - Low and clear with rock music in English and French and male DJ in French. [DeLorenzo-MA]
171. MOROCCO R.Mediterranee Internationale, Nadar JUN 005 - Fragment of pop Arabic music, then a woman in Arabic; to good peak. [Connelly**-wv-MA]
207. MOROCCO RTM Azilal JUN 23 - Female Arabic vocal with strings, drums; fair. [Connelly**-wv-MA]
252. ALGERIA Tipaza JUN 23 - Arabic-sounding talk; poor with interference from SKR and MVM beacons. [Connelly**-wv-MA]

Bruce Conti
nrcxd@aol.com
46 Ridgefield Drive
Nashua, NH 03062-1174
from northern Europe was completely shut down with no sign of common UK stations like TalkSport 1089 and 1053 or Virgin 1215.

GERMANY DeutschlandRadio, Heusweiler JUN 70128 - Woman in German; fadey. [+JUN 16 0232 - Classical music; to good peak. [Connelly*B-MA]

SPAN SER synchro JUN 16 0239 - Parallel 1575 with teletalk. [Connelly*B-MA] JUN 26 0235 - The usual teletalk in Spanish. [Dangerfield-PA]

SAUDI ARABIA BSKS4 Jeddah [JUN 4 0099 - Bits of Arabic vocal; poor through WWZN sloop. [Connelly*rw-MA]

SAUDI ARABIA BSKS4 Duba JUN 9 0212 - Warm-up carrier; strong over Spain. Faded before official 0300 UTC start of programming. [Connelly*B-MA]

SPAIN SER Castellon JUN 26 0338 - Spanish teletalk parallel to 1845 and 1755. [Dangerfield-PA]

SAOTOME E PRINCIPE VOA Pinheira JUN 27 0309-0345 - Loud and clear buffering WSAI with VOA news in English parallel 7290, 9755, and 9885 kHz. News items included violence in Liberia, famine relief, conflict in Iraq. Numerous VOA IDs. At 0333 US stock market and business news items. Signal lost under WSAI after 0345. [+JUN 26 0239-0309 - Fair-battling WSAI with VOA news, sports, and discussion on Israeli-Palestinian situation. “This is VOA News Now” IDs. No local Sao Tome announcements whatsoever. Do they ever broadcast a local announcement? If indeed Sao Tome it would be medium wave country #993 had. Very exciting! [Delorenzo-MA]

KUWAIT R.Saw, Kabd-Kuwait City JUN 4 0028 - Arabic vocal; poor at first, then up to good level a few minutes later. [Connelly*rw-MA] JUN 26 0130 - Good with male and female pop vocalists and announcements as usually heard, tends to fade out before 0200 with transmitter site sunrise. [Dangerfield-PA]

FRANCE Nice JUN 4 0032 - Woman in French; fair with WQEW phased. [Connelly*rw-MA] [+JUN 7 0322 - French teletalk; loud. [Connelly*B-MA] JUN 26 0321 - Armchair signal. Man and woman in French. Has recently been the best and often the only TA. [Dangerfield-PA] JUN 27 0258-0306 - Strong with jazz music followed by news in French by a man and woman. Better signal from WQEW 1560. [Delorenzo-MA]

SPAN SER synchro [JUN 4 0036 - Fast Spanish talk by woman; over others. [Connelly*rw-MA] JUN 16 0236 - Talk, teletalk, good, over unID music station. [Connelly*B-MA] JUN 26 0327 - Fair with teletalk, man and woman in Spanish. Better signal than on 1584, 1602 and 1485. [Dangerfield-PA]

CELTA Radió Teuta JUN 4 0035 - Rhythmic pop; over SER talker; poor. [Connelly*rw-MA] JUN 25 0005 - Fair; Spanish pop music; the first transatlantic signal to show up as local sunset approached. [Conti-ME]

SPAIN R.Vitoria, Vitoria JUN 4 0034 - Slow Spanish talk; through WUNR sloop. [Connelly*B-MA] JUN 16 0237 - Spanish talk, vocal, not parallel SER 1575; to fair peak, over WUNR/WWRL sloop. [Connelly*B-MA]

Pan-American DX

TURKS & CAICOS R.Vision Cristiana International, South Caicos JUN 4 0132 - Hymn in a romantic style with pizzicato violins, trumpets; loud. [Connelly*rw-MA]

GRENAADA GBC St. George's JUN 4 0130 - Jazz saxophone; very good. [Connelly*rw-MA] JUN 23 0228 - Good through buzz with help of phaser. Man and woman in French parallel.

MEXICO XEWA San Luis Potosi, SLIP JUN 16 1111 - PSAs for voting and polio vaccination; ID as “W Radio” and back to talk. Good signal. [Wilkins-CO]

MEXICO XETX Nuevo Casas Grandes, CHIH JUN 1 0130 - Local ads for Nuevo Casas Grandes and Chihuahua, “La Ranchera de Paquime” jingles. [Hall-WY]

MEXICO XESTUY Ijuana, BCN MAY 31 1107 - Heard in English with nostalgic music, and “The Surf” slogans. First time here, XE #193. Was actually looking for XEHS Los Mochis, ex-740, still unheard here. [Wilkins-CO]

VENUEZUELA VYKE Mundial, Caracas JUN 25 0750 - Good; “VYKE Mundial” time check, rustic music. [Conti-ME]

MEXICO XEMDR Sigo, Papasquiaro, DUR MAY 25 0346 - Fair on SE Beverage with “la gran de la sequia” slogan and another slogan that began with the word “super.” [Hall-UT]

CUBA R.Reloj, Santa Clara JUN 25 0920 - Good; minute marker, Radio Reloj voice ID and time check, RR code ID, and news with background syncopated clock. [Conti-ME]

VENUEZUELA R.Sucre, Cumariana JUN 26 0115 - Good network ID during sports commentary. “Radio Popular es su gran cadena... Radio Popular 950 en Caracas... Radio Sucre en Cumariana, Radio Puerto Cabello, Radio Continental... Radio Oriente, Radio Caribe... “ [Conti-ME]

GUATEMALA R.Guadeloupe, Point-a-Pitre JUN 4 0129 - Slow French talk by a man; dominant...
Just a thought.

Tim Hall, on US 6/50 in Utah a few lastest seems to be on a timer as it comes on at the same time every day but the electric company guys sure. Some Spain stations do make it every so often (like last night, June 25/26) and France-1467 longer comes out. This buzz does not originate at our house. Then there is a recent noise that I have periphery, and bearings identical with 640 and 652.5 kHz. And we think we have the technological edge in this country. Maybe this is some strain of SCA system for piping in music to the periphery and bearings identical with 640 and 652.5 kHz. And we think we have the technological edge in this country. Maybe this is some strain of SCA system for piping in music to the 

Have been looking for some West Africans and perhaps had Benin-1476 around 0400 but couldn't be 

Prison, the better to mask the screams of counterrevolucionarios as their feet are gently hammered off?

Bills with state and world news, (0700GMT). Later shows: news, weather, sports, entertainment, and bulletin for Mexican time zone and conditions. In English, the station also offers news, weather, sports, entertainment, and bulletins in Spanish.

ICF-2010, Kiwa Loop, Quantum VX, Marantz tape recorder, Internetic DT-17 timer, SE Bever- age. <tim-ball-dx@hotmail.com>

Dale Park, Honolulu HI, DXing in Cordelia CA; ATS-818CS, Terk AM1000 loop. <DXFool@aol.com>

Kevin Redding, Mesa AZ, Kenwood R-1000, 60-ft wire. <amfmdx@fastq.com>

John Wilkins, Wheat Ridge CO; Drake R8, 40-ft box loop. <pebbaker38@juno.com>

Paul V. Zecchino, Englewood FL. <Milspec390@aol.com>

International News

TURKS & CAICOS: Right now (JUN 27 0335) I am hearing Radio Marty in Spanish with news directed to Cuba on 1020 and parallel SW 60kHz. Signal very good, clear, slight fading. The last time I saw it 1020 mentioned was when Barry McLaughlin heard that (apparently one-night) test from CCR on Grand Turk a few weeks ago. [Bob Foxworth, Tampa FL, via am@mdxrexas.org].

Presumed using the former Caribbean Christian Radio facilities, although nothing officially document

UNITED KINGDOM: A new station for London takes to the air on 3 July, 2003. Club Asia take over the frequency of 963 and 972 kHz from Liberty Radio having secured an eight year license from the Radio Authority. A total of 8 applicants, including Liberty Radio applied for the license. The station promises "the sound of a new generation of Asian Londoners, a contem- porary Asian/urban musical service primarily targeting British Asians aged 15-34." The station's address is Asia House, 227-247 Gascogne Road Barking Essex E11 7LN, and their web site is www.cubasialine.org. [John Williams via MWC E-Mail News]

The BBC is active on 1296 kHz with Digital Radio Mondiale (DRM) M-F 09:00-15:00 UTC. Two stations are active in Germany on 24h in 531 and 855 kHz. [Mike Terry, July 1 DX Listening Digest]

73 and Good DX!

**Historic Morse Code Station To Return to Airwaves**

By Richard Dillman, W6AWO (via Lynn Hollerman)

States KPH and KFS To Be Heard Once Again

In the fourth annual event that has become known as the "Night of Nights" historic Morse code radio station KPH will return to the air in commemoration of the last commercial Morse message sent in the United States.

KPH, the ex-ROA coast station located north of San Francisco, will return to the air for commem-orative broadcasts on 12 July at 1701 PDT (13 July at 1801 UTC) and 12 midnight 1 July (09:00-15:00 PDT) and into program "Amanecer Ranchero" consisting of Spanish news, weather, sports, entertainment, and bulletin for Mexican time zone and conditions. In English, the station also offers news, weather, sports, entertainment, and bulletins in Spanish.

The original KPH transmitters, receivers and antennas will be used to activate frequencies in all the receiving stations across the United States, Canada, and Mexico. Many of the transmitters will be taken over by the KPH and KFS "wheel" will be sent to mark the transmitting frequencies.

The receiving stations are located across the United States, Canada, and Mexico. Many of the transmitters will be taken over by the KPH and KFS "wheel" will be sent to mark the transmitting frequencies.

KPH will transmit on 4247.0, 6477.5, 8642.0, 12808.5, 17016.5 kHz on 12 July at 1701 PDT (13 July at 1801 UTC) and 12 midnight 1 July (09:00-15:00 PDT) and into program "Amanecer Ranchero" consisting of Spanish news, weather, sports, entertainment, and bulletin for Mexican time zone and conditions. In English, the station also offers news, weather, sports, entertainment, and bulletins in Spanish.

Veteran Morse operators, including many former KPH and KFS staff members, will be on duty at the receiving station at Point Reyes, CA listening for calls from ships and sending messages just as they did for so many years before Morse code operations were shut down.

The transmitters are located 18 miles south of Point Reyes in Bolinas, CA, at the transmitting station established in 1913 by the American Marconi Co.

The original KPH transmitters, receivers and antennas will be used to activate frequencies in all the commercial maritime HF bands and on MF as well. KPH will transmit on 4247.0, 6477.5, 8642.0, 12808.5, 17016.5 and 22477.5 kHz on HF and on 420kHz on MF. KPH will transmit on 17026.0 kHz. These frequencies have been made available through the generous cooperation of Globe Wireless, the current owner of the KPH and KFS licenses.

Many of the transmitters will be 30s vintage RCA sets. Power output will be 4 to 5kW. The transmitting antennas include a Marconi T for MF, double extended Zeppos for 4, 6 and 8kW and 5000 kW for 12, 16 and 22Mc.

Operators will listen for calls from ships on 4184.0, 6276.0, 8368.0, 12552.0, 16736.0 and 22280.5kHz on mask the screams of counterrevolutionaries as their feet are gently hammered off?

Just a thought.

Tim Hall, on US 6/50 in Utah a few lastest seems to be on a timer as it comes on at the same time every day but the electric company guys sure. Some Spain stations do make it every so often (like last night, June 25/26) and France-1467 longer comes out. This buzz does not originate at our house. Then there is a recent noise that I have periphery, and bearings identical with 640 and 652.5 kHz. And we think we have the technological edge in this country. Maybe this is some strain of SCA system for piping in music to the periphery and bearings identical with 640 and 652.5 kHz. And we think we have the technological edge in this country. Maybe this is some strain of SCA system for piping in music to the
DX'er's Notebook

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Cameron Wyoming DE 19934-2132

Shared tips, topics, and Internet info

We continue our summer vacation trip down Memory Lane.

Randy Stewart <rs555t@msusu.edu>: As a sickly little kid in the early 1960s, I did a lot of listening to the only radio we had in the house at the time, a little ca.1950 Arvin tube rig with a foot-long hank of wire coming out the back for an antenna. My earliest memories of radio listening, ca.1962 or so, were of the network affiliates in town—KWTO-560, ABC; KGDB-1260 (NBC now KSGF); and KTTS-1400 (CBS now KGLT). We also had a 24-hour top-40 station, KXCB-1500 (now KLO), but at age 5 or 6 it wasn't into that as much as my sister, who's 8 years older than me. I fondly remember all the daytime network programming at that time—Arthur Godfrey, Don McNeil's Breakfast Club, NBC's Monitor on weekends, the audio track of Art Linkletter's House Party. Also some of the local radio personalities, like the late Bill Ring (some of you with LONG memories who were in the 1950s may remember Bill from the "Ozark Jubilee/Jubilee USA" ABC-TV show, which was televised live from Springfield, 1955-61). Some of them have become friends and colleagues of mine. DXing, at least in terms of nighttime skywave reception, didn't mean all that much to me as a small child—after all, I was put to bed at 7 or 7:30 every night (and the radio was usually in my sister's room)! But I do remember hearing KAAY-1090 and their "Silver Dollar Survey," which confused me at the time. I thought I heard them say "Silver Dollar CITY," but my sister insisted it was just a theme park and not a real town, and didn't have its own station! And I can recall being intrigued by the Mexicans that were audible all over the dial on sunrise skip (some things never change!).

I didn't really discover DXing until about 1966-67, when I received a 6-band shortwave portable for my 10th birthday (I *really* wanted the big, shiny Zenith Transoceanic 3000 that was prominently displayed at the local K-Mart, but it was far too expensive!). A couple of years after that I began reading the DXing columns in "Popular Electronics" and "Electronics Illustrated," and learned more about long-distance AM-band DX, tried it, liked it, and the rest is history!

Up to that point I hadn't heard FM except at other people's houses, and I must admit I wasn't that impressed with it, at least on this cheap Japanese-made multiband set. The only local FMs at the time were KTTS-94.7—don't even remember what they played—and KXTK-101.3 (now 107.7), which was F-Z listening/beautiful music all night long. KXCI-98.7 came on the air about 1968 and was all country at that time. In 1972 I acquired my first stereo (a little J.C. Penney compact unit with a built-in BSR minichanger and separate speakers), at the same time that KWTO-FM was changing to a Drake-Chenal automated Top 40 format. By this time Baptist Bible College had put their station on the air, KWFC-97.3 (now 97.7), on KYU/US-classic rock "U.S.97," and on May 7, 1974, the station where I've worked as a part-time engineer called "U-91.1," signed on at Southwest Missouri State University. On the AM side, KBUG-1060 (now KLOJ) and KLFJ-1550 came on in the early '70s as well.

Rick Du <rdau1965@yahoo.com>: The ones I grew up listening to as a kid were KMA-960 (especially on snowy winter mornings to find out if school had been canceled for the day), KFAB-1110 (most notably on 5/6/1973, when it provided extensive news coverage of an F-3 tornado that hit Omaha and killed 3 people that afternoon, and WOWO-590. The last of those, in the mid-1970s, was a terrific Top 40 station whose jock lineup included, among others, Jimmy O'Neill (yes, THAT Jimmy O'Neill) as midday personality. Later in the 1970s, Jimnny and a couple of others moved over to KOIL-1290, which was WOW's main competitor back then.

Doug Smith <cw9i@earthlink.net>: (hopefully not too much FM in here!) In our home in suburban Milwaukee, there were only two radio stations: WTMJ-620 and WMFM-965. The former was a NBC-affiliated general service station, information, sports, light music. Sunday mornings Dad always listened to "Invitation to Beauty," their light classical program. Yes, on AM.

WFMJ was all classical, all the time.

In school, teachers would occasionally bring in a FM radio to listen to educational programs on WHA-90.7. WTMJ seemed to have all the sports contracts, but especially after the Seattle Pilots moved to Milwaukee) were contracts. Some were solved by moving to the other general service station, WSIN. Others would occasionally end up on WTMJ-FM 94.5. (now WKT,

I remember Dad being VERY concerned one afternoon when he got home from work and found me listening to WAWA-102.1 (parallel to now-defunct 1590(WTMJ). I believe he was concerned about the kids getting a lot of loud music at home, not the music itself. I was hooked. First WOKY. Then WLS, and KAAY. CKLW before going to bed, listening to a Brewers night game. Mom would come in and turn it off before she went to bed. One night, after about 4 innings, it started raining and the game was postponed. The substitute program was boring, so I decided to get out of bed and switch to WSIN. Never got that far. Tuning past 920, I heard what sounded like someone singing from the bottom of the well. Weirdest thing I'd ever heard on the radio.

It was WOKY-920 playing Led Zeppelin's "Whole Lotta Love". I have a vague recollection of it being WXYJ. I remember thinking "they get 3,000 watts out of 'THIS'"?

That lasted a few years, before I discovered FM and rode the "progressive rock" wave into oblivion. Kinda got into DXing through the back door—looking for distant underground FM stations.

John Sampson <jsampson@earthlink.net>: I first started to enjoy "distant stations" when I was 6 or 7 and we lived in Des Moines. I listened to KMA and KFNF, both of which were in Shenandoah (SW Iowa) and were during daytime locals, since KIOA wasn't on the air yet). The DX bug started several years later when I went to summer camp in northern Wisconsin; I could hear stations like WLIN, Merrill, on 550, WOTF, Rhinelander, on 1240 and WIND, Chicago (at night). When I returned to MI, I tried to see if I could hear others and away we went!

Doug Smith: (WJIN's) another one I never knew about until well after the fact. My mother grew up about 3 miles east of Merrill (and her sister still lives there) so I know the area well. I didn't have any idea the station now known as WJMT-730 once resided on 550 until I got my hands on a 1947 station list. I have a vague recollection of it being WXYJ/MMT for awhile—calls that later ended up on the UPN TV station here in Nashville.

I also recall my cousins being excited that there was finally going to be a rock station in Wausau...

Charles Hutton <charlesh83@resnet.com>: A lot of the people on this list seem to have gotten interested in radio to listen to music or sports. Me, I was always only interested in the faraway-ness of the stations. It was endlessly fascinating to me that you could eavesdrop on Boston or Los Angeles. The music was never a factor for me as I never was interested in DJ's and Top 40 music of the period when I was growing up (the 60's). That's not to say I was not a music lover - I've been interested in almost everything you can imagine musically - but AM T40 was never on the list. As for sports, I was never that crazy about listening to sports as a kid, except for occasional bits of the Pirates on KDKA - my family was raised and lived in Pittsburgh and that period was really something for the Pirates with the likes of the '60 World Series championship, Roberto Clemente and my favorite the slow unknown catcher Smoky Burgess. Go figure.

Anyhow, my interest was always just to tune around and hear what there was to hear. My interest in radio eventually led me to electrical engineering and Latin music and engineering has shaped my life to a large extent. 

My Dad had some electronics blood in him (never a ham), but had built an audio amplifier, designed some speakers, and thought it would be interesting to build a kit. That led us to buying a Knight Star Roamer and also a CB kit back when no one knew what that was. Back then, the CB band was so empty you sometimes doubted if your radio was working. The CB wasn't used much but the StarKoer was my teenage DX receiver and got me started in the hobby with a lot of the clears and
the mysterious Spanish stuff from the Caribbean. Too bad you couldn't tell where you were at the top end of the band and had to always count up or down from a known station. And there was the problem of being two streets away from the towers of a 5 kW local.

Nonetheless, I heard hundreds of stations and became aware of White's Radio Log that appeared quarterly (?) in Popular Electronics. That was a prized possession until I somehow found a Vane Jones log which was the best thing going at the time. It was a softcover book that listed AM, FM and TV by frequency and location and was quite good until the NRC blew it away with their first log. More on that later.

So hearing all those stations with a longwire and a Star Roamer and a Vane Jones log, I started writing letters to stations. I don't think I knew what a QSL was and just thought it would be interesting to write to the stations. I did this sporadically for a few years until some time around '66 or '67 this fat envelope arrived from a place called the National Radio Club at PO Box 99, Cambridge MA 02138 if my memory serves me well. It turned out that one of my letters to an unknown AM station had resulted in my being passed along to the NRC. Later I learned that there was a relationship in place between a few stations (clear channels no doubt) and the NRC and that the names of all reception reporters were passed along. Whoever was it, thanks if you are still around and still reading...

I signed up and began receiving the weekly envelope of mimeographed sheets from the NRC. All I can remember were that often the sheets were of different colors, the indoor stuff seemed exotic and the outdoor stuffs didn't understand by the likes of Gordon Nelson. As a teenager, Musings and domestic logs were more digestible so I read them from beginning to end, usually by sliding them under my spiral notebook and sneakling them out during boring classes. I refined that to an art several years later when I decided I needed to have a copy of portions of the amazing NRC Log, and hand copied huge chunks of it during a particularly boring 3rd period class. My other entertainment during that class consisted of repetitive calculations (by hand) to find the square root of 10. I don't understand why I was doing either of them.

Ronald C. Gitschier <wg3sr1570@nrdvax.org>: The first DX stations I've recognized are either 1540 WPTR Albany, NY or 1520 WKBW Buffalo, NY both in the 70s. Top 40 - my format of choice (I was 13 or 14 years old) over a couple of 50kw powerhouses that seared a signal beamed in my direction at WPTR Albany, NY or 1520 WKBW Buffalo, and WLS-890 Chicago. I was intrigued not only by the distances involved (and the "weird" fading) but also by mixes of music that sometimes differed considerably from what the Boston locals were playing. NRC stations, in particular, played a lot more R&B. These tunes were only available here a few hours a day between assorted foreign-language and religious shows on WILD-1090, a 1 kW daytimer. By summer 1960, I set up a workshop in the basement in a room directly below my bedroom at the back of the house facing the woods. This was my first "DX Lab" where I tried various tricks to increase the sensitivity of the 5-tube radio. Moving the radio's rear-mounted oval loop a certain distance (frequency dependent I guess) from a metal window screen jacked up the levels of marginal daytime signals from Providence, Wnor ton, et al. 1 could now comfortably enjoy the zany Chuck Stevens show on WPRA-550, Salty Brine on WPNI-550, etc. Up at daybreak, I got a kit consisting you could clip together to make a 1-tube radio, among other things. This was my first introduction to shortwave since, besides the AM coil, there was one that allowed tuning of about 6-12 MHz. Getting BBC, Radio Moscow, etc. (with a short wire running from the "Lab" window to a tree) seemed like true magic. It was music listening coupled with a general scientific inclination that got me started in DXing, unlike sports that hooked some others. Still I enjoyed the Red Sox games and the Celtics basketball announced by "crazy man" Johnny Most.

In 1960, I took the 5-tube radio to Dennisport, Cape Cod on our annual 2-week family summer vacation. I was "blown away" by the stuff I was hearing! There were booming daytime signals from Maine, NY, Long Island, and the NJ coast. These stations could only be heard in Arlington at night if at all. Night receptions on the Cape were even wilder; foreign languages and heterodynes from "splits" were very apparent. Initially I had no clue as to what most of it was. Some time later, I figured that WBBN was BBC, UK. Within 6 years I'd be sending reception reports to the Transatlantic DX stations and padding the bedroom wall with QSL cards.

(By 1972 or 1973, I'd joined NRC after hearing about it from local DX honcho Gordon Nelson.)

Russ Johnson <k3pi@radiointel.com>: How about the WBZ news with Streeter Streater (not sure of spelling), I was a big BZ listener down in Maryland. They were "The Spirit of New England...

The NRC Nightime Antenna Pattern Book, 5th Edition is the perfect mate to the NRC AM Log, as the NPB provides DX'ers with up-to-date maps of all (except Class IV) stations with nighttime operations. Convenient to use: 3-hole punched for standard binders. Only $16.95 to U. S. and Canadian members; $22.95 to U. S. and Canadian non-NRC members. Airmail to members in Europe (except Italy): $29.00. All others, please contact us for exact pricing.

Order from: NRC Publications - Box 164 - Mannsville, NY 13861 (NY residents, please add sales tax)
Here is the 2003 Milwaukee Brewers network list; the one I had previously published was last year’s list:

### Milwaukee Brewers 2003: Jim Powell, Bob Uecker


- **550** WSAU-WI 1240 WJMC-WI 1400 WBIZ-WI 92.7 WDUX-WI
- **570** WMAAM-WI 1270 WOBT-WI 1440 WDUZ-WI 93.9 WDOR-WI
- **580** WKTY-WI 1280 WOMT-WI 1450 WHIZ-WI 94.3 WPQC-WI
- **590** WJMS-MI 1260 WEKZ-WI 1430 WBEV-WI 98.3 WQCM-WI
- **620** WTMJ-WI * 1280 WWSI-WI 1450 KFIZ-WI 99.7 WIMI-MI
- **680** WDBC-MI 1280 WCLR-WI 1400 WDLB-WI 96.3 WISS-WI
- **940** WFWI-WI 1310 WIBA-WI 1440 WRCO-WI 100.1 WDCI-WI
- **960** WRMF-JWI 1320 WHER-WI 1550 WEVR-WI 105.3 WRLO-WI
- **980** WPRE-WI 1330 WHBL-WI 1590 WPVL-WI 106.3 WVBR-WI
- **1090** WISS-WI 1350 WPDR-WI 1100 WISS-WI 107.3 WNXR-WI
- **1150** WHBY-WI 1380 WTJK-WI 92.3 WRLS-WI
- **1230** WCOL-WI 1400 WATW-WI

And here is flagship info for the Independent Baseball Central League from [www.centralleaguebaseball.com](http://www.centralleaguebaseball.com) via Bob Pietusch.

### Amarillo Dillas
- **1440** KPUR-TX
- **1230** KSIX-TX

### Coastal Bend Aviators
- **104.5** KPSU-TX

### Edinburg Roadrunners
- **1240** KSOX-TX

### Fort Worth Cats
- **92.1** KTFW-TX

### Jackson Senators
- **93.0** WSLI-MS

### Rio Grande Valley White Wings
- None

### San Angelo Colts
- **1260** KKSX-TX

### Shreveport Sports
- **106.7** KLYA-LA

### Springfield/Ozark Mountain
- **98.7** KWTO-MO
- **9.9** KBFL-MO (Sundays only)

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**Professional Sports Networks**

Barry S. Finkel  bsfinkel@ANL.gov

10314 S. Oakley  Chicago, IL 60643-2409

Network listings for team sports stations

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**Musings of the Members**

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

### Dave Schmidt

P. O. Box 3111  
Scranton, PA 18505

Just in case you’re wondering ‘what happened to my Musing’; we’re holding on to a couple of them to get us through the summer months; they will show. We’ve also been out on the road a lot, doing remote broadcasts for stations which the company I work for has been contracted to do (especially in the Albany area!). Drop us a line and let us know how your season was, how many years you’ve been a member of the NRC and what your plans are for attacking the dial this coming season. In a recent tip to Mt. Carmel PA, it was noted that the tower and transmitter building for WMIM-1590 is still intact! The station was apparently being run out of a small transmitter building just outside town, but it appears it could even be turned on tomorrow, even though the license and call letters have been deleted for some time. A trip was made through Shamokin where KTOZ-1060 did; they are operating it non-profit, listener supported with some locals ads, and lately they’ve been able to do some upgrading of equipment. Are there any other stations like that in the nation, with a swing music or vintage jazz/dance format? This is my first Musing since ERC passed on, which saddened me. A very advanced DXer yet always very friendly to more neophyte DXers like me who have no ears for foreign language or weak, split channel audio. (and thanks for the report, Walt, a pleasure to hear from you-DWS)

Dave Schmidt - P. O. Box 3111 - Scranton PA 18505

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**For Beginners**

The world of DX’ing can be confusing, but both new and experienced DXers can benefit from a few tips. For Beginners, we’ll return to the DX question, just send us to Russ at <ww2b2jhr@nrxdzas.org> or 753 Valley Rd. - Blue Bell, PA 19422-2052 and he’ll answer it in a future column. Remember - you’re not alone - we are all started at the beginning – once!

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**It may not be perfect**

but the NRC AM Log is, simply, the best there is because of your contributions. Why not make the next edition even better? Send all corrections and changes to Wayne Heine - 4151 S. Andes Way - Aurora, CO 80013-3831, or amradlog@nrxdzas.org. Thanks!