1) X News

Serving DX'ers since 1933

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From the Publisher: So what exactly is an "ultralight" radio? We needed to know for the Annual Contest Ultralight Division, and we've gotten the official word. See inside.

If you don't receive DX News next week ... everything is just fine. We're taking the week off to give our editors, and our postal carriers, a bit of a break. We'll be back the first Monday of the new year. For that first issue, our normal Friday deadline will be extended a bit to 1200 ELT on Sunday, December 26.

As this is our last issue before Christmas, I'll take this opportunity to wish all of our members a very merry holiday season, and a New Year rich in happiness and good DX!

When Does Your Subscription End? sure? Then take a look at the mailing label – it's printed right there. And if your membership is coming to an end sooner than you thought, perhaps it's time to send that membership renewal in to the NRC P.O. Box in Aurora. Our printer situation doesn't allow us to highlight the expiration date when it's getting closer as we used to do – so please take a moment to check where you stand. You don't want to miss a single week's worth of DX News!

<u>Help Wanted</u>: As noted the past few issues, the DX Audio Service (the audio wing of the NRC) is looking for someone to read AM Switch on the monthly DXAS tape program. And we're still looking for 2011 convention hosts! Details of who to contact for more information can be found in recent issues of DX News.

	DX News Publishing Schedule, Vol. 78					
	Deadline	Masthead		Deadline	Masthead	
13	Dec. <u>26</u>	Jan. 3	22	Feb. 25	Mar. 7	
14	Dec. 31	Jan. 10	23	Mar. 4	Mar. 14	
15	Jan. 7	Jan. 17	24	Mar. 18	Mar. 28	
16	Jan. 14	Jan. 24	25	Apr. 1	Apr. 11	
17	Jan. 21	Jan. 31	26	Apr. 22	May 2	
18	Jan. 28	Feb. 7	27	May 27	June 6	
19	Feb. 4	Feb. 14	28	July 1	July 11	
20	Feb. 11	Feb. 21	29	Aug. 5	Aug. 15	
21	Feb. 18	Feb. 28	30	Sept. 9	Sept. 19	

DX Time Machine

75 years ago ... from the December 18, 1935 DX News: KSL-1130 Salt Lake City was to dedicate a half-hour program to the NRC on December 20; the FCC has cancelled the license of KFYR-550 Bismarck N.D., subject to appeal.

50 years ago ... from the December 17, 1960 DX News: Hal Williams of Seymour, Conn. received a verification from VOUS-1480 Argentina, Nfld., "Voice of the United States," a 50-watt U.S. Navy

25 years ago ... from the December 16, 1985 DX News: Mark Connelly published his article on "MWDX-4 and Mini-MWDX-4 Series Phasing Units."

10 years ago ... from the December 11, 2000 DX News: Several loggings of the new KALT-1610 Atlanta TX were reported, and Jim Renfrew reported that the new Toronto 740 "Prime Time Radio" is on the air with tests.

NRC AM Radio Log, 31st Edition

Updated for the 2010-11 DX Season

The Log is unbound and three-hole punched for standard binders.

Price: To the United States, \$19.95 to members, \$25.95 to non-members To Canada, \$24 to members, \$33.50 to non-members; add \$3.50 for Priority Mail

Airmail to all outside US/Canada: \$34.00

Canadian orders: PayPal or postal money order only, please. U.S. funds only!

Order from: NRC, P.O. Box 473251, Aurora CO 80047-3251 or

WALL Canadian orders: PayPal or postal money order only, please. U.S. funds only!

Order from: NRC, P.O. Box 473251, Aurora CO 80047-3251 or

WALL Canadian orders: PayPal or postal money order only, please. U.S. funds only!

CO residents add 3.5% sales tax.



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

Old Call

New Call

NONE again this week!

CPs ON THE AIR

600 WBWL FL Jacksonville – CP for U2 5000/1800 is now on the air.



ACTIONS

550 KMVI HI Wailuku – Coordinate correction to 20-53-25/156-29-20.

610 CHNC QC New Carlisle – Is off the air as their simulcast period with their new FM on 107.1 MHz has expired.

1150 CHGM QC Gaspé – **Is off the air** as their simulcast period with their new FM on 99.3 MHz has expired.

1550 WNZF FL Bunnell – CP granted for U2 11000/250 CH 9500, increasing the day power and adding the CH parameters.

1550 CBEW ON Windsor – On 7 December 2010 the new FM at 97.5 intended to replace CBE has signed on, meaning the AM has 90 days of life.

APPLICATIONS

740 KBRT CA Avalon – Applies for <u>U4</u> 50000/191 moving to the former site of KPLS-830 at 33-21-36/118-22-18 and building four new towers. [Antenna designation correction from last issue]

790 WBLO NC Thomasville – Applies for U1 10000/26.

960 WCHQ PR Quebradillas – Applies for U4 390/500

1170 WACV AL Montgomery – Licensed for U4 10000/1000, WACV has been operating under a Special Temporary Authorization with U1 2500/7 due to weather-related damage to their towers/phasing system. They are now applying for U4

MONTGOMERY'S TALK STATION 10000/4. 1280 KRZE NM Farming

NM Farmington – License reinstatement and license renewal application accepted.

1370 WHYP PA Corry – License reinstatement and license renewal application accepted.

1410 WRHB FL Leesburg – Applies for U1 5000/88.

DISMISSALS

1110 WTIS FL Tampa – Licensed for D3 10000/0, WTIS had a CP adding 4200 Watts during Critical Hours. That CP has been dismissed.

1380 WNLA MS Indianola – Licensed for U1 500/44, WNLA applied for U1 390/34. That application has been dismissed.

1540 WGRK KY Greensburg - Licensed for D1 1000/0 CH 500, WGRK initially applied for D1 5000/0 moving to 1200 kHz at Jeffersontown. They then amended the application to D1 2500/0 and again to D1 3500/0. The latest request has been dismissed, leaving them with the application for D1 2500/0 on 1200 kHz at Jeffersontown.

1570 WFTU NY Riverhead – Application for U4 5000/1500. WFTU remains U4 1000/500.

HEAR AND THAR

- ★ For a nostalgic look into the early days of broadcasting through the late 20th Century, visit the web site of David Gleason at http://www.davidgleason.com/. From there you can scan through years and years (1935 through 1993) of *Broadcasting* magazines plus other broadcast-related publications. Also on the site is a look at Mr. Gleason's career in broadcasting over the years. Highly recommended.
- * Reported as Silent: WLVE-610 Winchester, Virginia (assumed to have returned briefly in recent weeks in order to keep the license 'alive').

- Fines: WKNR-1220 Cleveland, Ohio has been fined \$4000 for violating "the contest rule requirements by broadcasting information about a contest without fully and accurately disclosing all of its material terms"; WGYV-1380 Greenville, Alabama has been fined \$1500 for failing to apply for renewal in a timely manner [note: station has a CP to move to Aurora, Indiana on 1030 kHz]; KCKX-1460 Stayton, Oregon has been fined \$6000 for failing to reduce power at local sunset; KABR-1510 Isleta, New Mexico has been fined \$5600 for failing to apply for renewal in a timely manner and subsequent unauthorized operation; WPFC-1550 Baton Rouge, Louisiana has been fined \$7000 for failing to apply for renewal in a timely manner and subsequent unauthorized operation.
- Thanks to Wayne Heinen and Al Tobia.

GRAVEYARD DX ACHIEVEMENTS – UPDATE

+ record held by a DXer in USA/Canada where a Canada/USA record exceeds that mileage

<u>1240</u>	<u>kHz</u>
_	

DXer Station City DX Location <u>Miles</u> ZNS BF Nassau Ron Schiller Lighthouse Point, FL +189

1400 kHz

Station DXer DX Location Miles CKSQ AB Stettler Ron Schiller Coeur d'Alene, ID +371

GY Totals

DXer DX Location 1230 1240 1340 1400 1450 1490 Total Ron Schiller Coeur d'Alene ID 13 11

Domestic DX

Mike Brooker aum108@idirect.com 99 Wychrest Avenue Digest – East Toronto, ON M6G 3X8 CANADA

U.S./Canadian Loggings from Eastern/Atlantic Time Zones. All times ELT.

REPORTERS

HF-MARE Harold Frodge - Michigan Area Radio Enthusiasts (MARE) DXpedition, Brighton -Drake R8B + 500 ft. SSW unterminated bev. + 85 ft. T2FD

PLG-FL Paul L. Gray, Melbourne – Sangean ATA818ACS

Harry Hayes, Wilkes-Barre – Grundig S350, Kiwa Pocket Loop HJH-PA Kraig Krist, Manassas – Tecsun PL-310, NRD-545, Kiwa loop. KK-VA

DL-MD **David Larrabee, Columbia –** SDR14 with 3 foot loop.

John Malicky, Pittsburgh - Superadio III JM-PA

John Malicky, on the road in PA – Delco car radio JM-PA1

John J. Rieger, L'Anse – CC Radio2 JJR-MI

DY-WV David Yocis, Shannondale – R8B, Quantum phaser, longwires

Mike Brooker, Toronto - Grundig G5, Grundig YB-400PE, Sony SRF-39FP, Panasonic MKB-ON RF-2200 (receiver emeritus)

STATION NEWS

PA Brownsville - Not silent, as of 11/30. Oldies format with ID as "FM 99 the 1130 WASP Pickle" and "WPKL Uniontown (99.3), WYJK Connellsville (1340), WASP Brownsville (1130)." (JM-PA)

UNID

1140 UNID 12/4 1730 – Poor with oldies: "Ride Captain Ride," "Love Train," "Lady," Little River Band, etc. Ads at :41 and :52. No calls heard, not even a legal ID at :00. Been suggested this is KCXL-MO, which would be new, but hopefully next time, they'll insert calls. Have heard this about a month ago with the same stuff. (JJR-MI)

1550 UNID -- 12/5 1816 – Poor with "Live United" PSA, NFL Game of the week on "ESPN 1550." No CBE at all! (JJR-MI)

LOGGINGS

- **580 WDBO FL Orlando** 12/3 2120 Orlando Magic vs. Detroit Pistons NBA game. Poor signal, rapid fading, several SS stations on same frequency. **(PLG-FL)**
 - CFRA ON Ottawa 12/5 1533 Poor with call letter ID after ad in hockey game, CFRA website promo. (JJR-MI)
- 600 WSJS NC Winston-Salem 12/2 1647 Good steady signal with "WSJS Triad Traffic Report" and Wake Forest basketball tickets giveaway. (HJH-PA)
- **620 WDAE FL St. Petersburg** 12/3 2149 Beef O'Brady's high school football game of the week. Fair signal alternating with a SS station. **(PLG-FL)**
- **660 WMIC** MI Sandusky 12/6 0700 Very poor with WFAN and 3 others, "I'm ... WMIC news." (JJR-MI)
 - WXIC OH Waverly 12/5 0723 ID as "AM 6-60 WXIC," greetings, snow warnings and religious announcements. Mainly over C&W-Gospel station; no clear sign of WFAN. Need USB due to presumed WSM-650 IBOC. New for DXP and not heard in Midland. (HF-MARE)
- **690 WJOX AL Birmingham** 12/2 1735 Traffic report for I-459 and into sports talk format. At 1744 an ad for Jack's fast food restaurant then power cut leaving a weaker WELD-WV. **(HJH-PA)**
- **720 WGN** IL Chicago 12/3 2232 Play-by-play of Chicago Blackhawks v. Vancouver Canucks hockey game. Canucks scored four seconds into a power play. Good signal with other UNID stations underneath. (**PLG-FL**)
- 730 WTNT VA Alexandria 12/4 2119 In mix with oldies and Fox Sports stations with Kevin Treadu Show talking about radiation, ID as "AM 7-30 WTNT 'The Truth' WTNT AM 7-30 WTNT Washington DC." (KK-VA)
 - **WJMT** WI Merrill 12/8 1855 In mix with C&W songs, "WJMT... Friday... country... WJMT" station promo. (KK-VA)
- 840 WHAS KY Louisville 12/3 2304 News at ToH followed by live Kentucky Lottery drawing, then into Mark Levin Show. Poor signal, mostly overpowered by a SS station and another UNID station playing Christmas music. (PLG-FL)
- **850 WKGE PA Johnstown** 12/5 1958 In mix with ID and slogan "Sporting news radio WKGE Johnstown 'The Edge.'" **(KK-VA)**
- **890 KQLX ND Lisbon** 12/5 1546 Poor but steady over very weak WLS. "1-0-6..." //FM. (JJR-MI)
- 900 WATK WI Antigo 12/5 1818 Poor in CHML null with "Country 106" slogan, WACD-WATK promo, WATKAntogo.com, ads, oldie C&W. (JJR-MI)
- 910 KCJB ND Minot 12/6 0928 Poor but alone with local weather, "-22 below in Minot at KCJB", C&W. (JJR-MI)
- 920 CKNX ON Wingham 11/23 1759 Good with end of Focus on the Family and ID: "serving Midwestern Ontario, this is your information leader, CNKX radio news." (JM-PA)
- **930 WTAD IL Quincy** 12/5 1549 Fair with nice call letter ID then Westwood One football way over anything. **(JJR-MI)**
 - WBEN NY Buffalo 12/5 2015 In mix with "News radio 9-30 WBEN" ID by man. (KK-VA)
 - WHLM PA Bloomsburg 11/25 1000 "WHLM" jingle, community announcements, CBS news at 1002, slogan "Columbia County's news leader." (JM-PA1)
- 940 WMAC GA Macon 11/30 1759 Good with ToH ID: "broadcasting from the heart of Georgia for 85 years, this is News Talk 940 WMAC Macon-Warner Robins, a Cumulus station" into ABC news. (JM-PA)
 - WMIX IL Mount Vernon 12/5 1647 Poor with call letter ID, NOS songs. (JJR-MI)
- **950 WCTN MD Potomac-Cabin John** 11/30 1759 Over/under WBES Charleston,WV with quick ID in EE, back into Hispanic music. (**JM-PA**)
 - **KWOS** MO Jefferson City 12/5 1648 Fair with ad for "Zimmer Creative," "NewsRadio 950 KWOS" ID. (JJR-MI)
 - WBES WV Charleston 12/4 2000 ID, Fox Sports, fair in mix. Ex-WVTS for me. (DY-WV)
- 960 WEAV NY Plattsburgh 12/3 1700 ID as "WEAV Plattsburgh-Burlington." Went into "The Fox Report" news. Non ID as "The Zone" Very strong signal. (HJH-PA)

- **970 WBLF PA Bellefonte** 11/24 1605 "WTAJ TV-10 Storm Tracker weather with Regina Miller for News Talk 970 WBLF", then into Mike Gallagher show. **(JM-PA1)**
- 980 WAAV NC Leland 12/5 2017 Slogan "9-80 'The Wave'" mixing with Caps hockey game on WTEM. (KK-VA)
 - **KDSJ SD Deadwood** 12/5 1826 Poor but steady in WCUB null with "KDSJ 980AM" station promo. Also noted "Deadwood" and "Rapid City" mentions in ad. Knocked off my most wanted list! NEW! (**JJR-MI**)
- **1010 WGUN GA Atlanta** 12/5 0819 "AM 10-10 WGUN" ID into gospel music. On top. CFRB usually dominates. **(HF-MARE)**
- **1050 WTKA MI Ann Arbor** 12/5 1551 Poor with call letter ID, recap of sports stories. **(JJR-MI)**
 - WLYC PA Williamsport 11/25 1630 ID break during Lions-Patriots and Saints-Cowboys NFL games on Westwood I. (JM-PA1)
- **1060 KFIL MN Preston** 12/6 0819 Poor but alone with "True Country, True Country, True Country KFIL" slogan into song. **(JJR-MI)**
 - KGFX SD Pierre 12/5 1552 Poor with call letter ID clearly heard twice. (JJR-MI)
- **1140 KSOO SD Sioux Falls** 12/5 1653 Poor, mention of "in downtown Sioux Falls" and calls before fade out. (**JJR-MI**)
- 1160 WOBM NJ Lakewood Township 11/25 2045 "...the good time oldies in stereo ... login to good time oldies at wobmam dot com", announced simulcast on 1310. (DL-MD)
 - WCRT TN Donelson 12/5 1600 Nice clear legal ID after religious program, slogan "1160AM" over UNID sports outlet. (JJR-MI)
- **1180 WVLZ TN Knoxville** 11/30 1802 Fair, mostly under WHAM, but heard "1180 ESPN radio Knoxville," into local sports talk. **(JM-PA)**
- 1190 WIXE NC Monroe 11/22 1727 Good at times in WOWO/WLIB nulls with C&W songs, "Wixie" news, sports and local ads. Seem to reduce power to 70 watts around :40 past. (JM-PA)
 - WVUS WV Grafton 11/23 1559 Fading in with ToH ID: "this is WVUS Grafton, West Virginia, the Light of Life Radio Ministries, Catholic Radio for north central West Virginia" into EWTN programs. (JM-PA)
- 1200 WXKS MA Newton 11/26 2249 Talk show, caught "...on twelve hundred, WXKS" ID. (DL-MD)
 - +++ 11/17 1759 Fair with WPHT-1210 IBOC slop, over CFGO with ID as "Boston's new home for Rush Limbaugh, Rush Radio 1200 WXKS" into local news, traffic report and Fox News. (JM-PA)
 - **WOAI TX San Antonio** 12/8 2001 In mix with other talk stations, ID as "News radio 12 hundred WOAI." **(KK-VA)**
- **1290 WIRL** IL **Peoria** 12/5 0900 Weather, "This is Classic Country WIRL," good and atop. **(DY-WV)**
- **1310 WTTL KY Madisonville** 11/29 2100 Sports talk, weak with local QRN: "ESPN Radio WTTL Madisonville" at top of hour. **(DL-MD)**
- **1320 KOZY MN Grand Rapids** 12/5 1716 Poor with local weather, "16 degrees at KOZY", jingle, oldies over two others. (JJR-MI)
 - **WAGY** NC Forest City 11/29 2025 C&W format with: "AM thirteen twenty, WAGY" ID near bottom of hour. (DL-MD)
- **1330 WTRX** MI Flint 12/6 0657 Poor over KWLO with station promo "Log on to WTRX sports." Rare! (JJR-MI)
- **1340 WTRN PA Tyrone** 11/24 1500 AC/MOR music, ToH ID: "WTRN 1340 AM and 100.7 W264BZ Tyrone" into AP news. **(JM-PA1)**
- **1360 WWOW OH Conneaut** 12/4 1605 Briefly on top with tail-end of station promo by woman "...and you can hear it right here on WWOW...Walking on Water Radio", PSA against drunk driving. (MKB-ON)
- **1370 WDEA ME Ellsworth** 11/29 2233 "... thirteen seventy WDEA" preceded by a singing jingle ID. **(DL-MD)**
 - WGIV NC Pineville 11/29 2205 Station promo "... as a WGIV listener you'll save twenty percent right now..." with other advertising. (DL-MD)
 - **KWTL ND Grand Forks** 12/5 1729 Poor with station website promo, e-mail address, calls. EWTN religious programs. **(JJR-MI)**
 - **WSPD** OH Toledo 11/29 2250 Ohio National Guard PSA followed by "thirteen seventy WSPD" ID in heavy co-channel. (DL-MD)

- WSHV VA South Hill 11/29 2147 Oldies, station promo "...classic songs ... thirteen seventy WSHV." (DL-MD)
- **1380 WPHM MI Port Huron** 12/5 2006 Very clear "WPHM" call letter ID over/under two ESPN stations. Rare at night. **(JJR-MI)**
 - CKPC ON Brantford 12/5 2009 Poor with "AM1380" slogan and listing of acts playing in area. (JJR-MI)
 - +++ 12/9 1716 In mix with Chinese talk station, slogan "Country favorites AM 13-80", ad for "Dallas Night Club in downtown Brantford." **(KK-VA)**
- 1390 KRRZ ND Minot 12/6 0837 Poor under KXSS with clear "K-R-R-Z" ID and oldies. (JJR-MI)
 - WRSC PA State College 11/25 1750 Slogan "1390 the News Center, real talk for real people." (JM-PA1)
- **1400 WJET PA Erie** 12/4 1559 Over WWWS-Buffalo groundwave with local weather, ToH ID: "from the heart of the city...the news, talk and sports authority, AM 1400 WJET Erie" into CNN news. **(MKB-ON)**
- **1410** KRWB MN Roseau 12/5 1738 Poor with clear "1410 KRWB" ID over several others, classic rock. (JJR-MI)
- **1490** KLGR MN Redwood Falls 12/6 0908 Poor with ABC news, "...State Bank" ad, "weather on KLGR" in with others. Only second time heard. (JJR-MI)
- **MN St. Paul** 12/8 1733 Over usual WLQV/WFED mix with "1500 ESPN" slogan and 1500ESPN.com website promo, local traffic report with many mentions of 35W (one of the main freeways in the Twin Cities), ad for Federated Insurance. **(MKB-ON)**
- **1510** KMSD SD Milbank 12/6 0844 Poor-fair with "7:44 at KMSD", local sports, way over WRDD, then gone. (JJR-MI)
- **1530 WOBX NC Wanchese** 12/4 1830 IRN-USA news at 1800, into nonstop southern gospel, promo and ID at 1830, good on peaks in WCKY null. **(DY-WV)**
- **1540 KXEL IA Waterloo** 12/3 1445 Ad for College Square Mall in Cedar Falls. On top of mess; need LSB due to IBOC hash. Two DXPeditions and still no sign of KTGG Spring Arbor, MI. (**HF-MARE**)
- **1560 KLNG IA Council Bluffs** 12/5 1500 Fair with call ID between gospel shows. Not heard in years! **(JJR-MI)**
- **1570 KBCV MO Hollister** 12/5 1630 Poor over others with slogan "your Christian voice in Hollister", religious comments by Dick Bott. (JJR-MI)
 - WNCA NC Siler City 11/30 1700 Music then: "Carolina News Network" followed by 5 minutes of N.C. area news and advertising in the clear thru the top of the hour followed by ID on QSB fade at 1703: "This is W.... Siler City" (DL-MD)
 - WLKD WI Minocqua 12/5 1620 Poor in fade up over others with call letter ID, NOS songs. (JJR-MI)
 - CJLV QC Laval 12/5 2320 Presumed with French nostalgia music, talk by man in FF, fair in mix. New, if them. (DY-WV)
- **1590 KVGB KS Great Bend** 12/6 0605 Poor with two "KVGB" IDs after ABC news. **(JJR-MI)**
 - WHGT MD Maugensville 11/30 1501 REL programming for past hour in loop null of WFBR's SS. Just after the top of hour caught: "... WHGT sixteen twenty one National Pike, Hagerstown, Maryland." (DL-MD)

Domestic DX Jim Tedford Radio_Enthusiast@hotmail.com 20310 Bothell-Everett Highway B4 Digest – West Bothell, WA 98012-8133

U.S./Canadian Loggings from Pacific/Mtn/Central Time Zones. All times ELT.

Reporters

JDS-MN Jeff Steffes, Watertown, MN Drake R8, Kenwood R-2000, Quantum QX Loop

JW-CO John Wilkins, Wheat Ridge, CO Drake R-8, 4-foot box loop.

RS-ID Ron Schiller, Coeur d'Alene, ID Palstar R30, Quantum Loop and Grundig 350, Kia Soul car radio.

- **RV-TX** Robert Vance, El Paso, TX WinRadio G303e/PD, 12'x9' unterminated corner-fed N-S loop, 3 square meter amplified air loop.
- SMA-MV Shawn M. Axelrod, VE4DX1SMA Winnipeg, MB ICOM ICR-70 / Drake R8; 4 foot unamplified box loop, Quantum loop, 155 foot outdoor wire, 100 foot indoor wire, MFJ 1026 phasing unit.
- **WH-CO** Wayne Heinen, Aurora, CO Kiwa Loop Drake R8B, E/W Flag, N/S Flag, Dual TG-1 Termination Gizmo w/DX Engineering RPA-1 preamp and Mini DXP5.

DX Logs (All Times ELT)

- **580 WIBW KS Topeka** 12/3 2058 Fidelity Bank Topeka commercial, into: "We are Five-Eighty WIBW Topeka (**JDS-MN**)
- **CO** Pueblo 11/3, 2100 Poor in mix with news and local weather by YL followed by "NewsTalk 5-90, KCSJ" ID and back to more talk. Heard w/ *Coast-to-Coast* later at 11/4 0200 but always in the mix. (**RV-TX**)
 - **KXSP NE Omaha** 11/4 0600 Heard ID "...590, KXSP, Omaha-Council Bluffs..." in the 590 mix. **(RV-TX)**
 - **KSUB** UT Cedar City 11/4, 0623 Heard in the mix coming out of station promo with "...You're with Talk Radio 590, KSUB...." (RV-TX)
- **610 KAVL CA Lancaster** 11/12 0800 Poor in mix at first but came out and stayed with Fox Sports and TOH ID "KAVL, Lancaster, Fox Sports Radio" the back into FSR. Fair but dominant once it came out. **(RV-TX)**
 - **KNML** NM Albuquerque 11/11 2310 Poor mixing w/XEGS-Sin with Westwood One sports program and "Sportsradio 610, KNML, Albuquerque..." ID. (RV-TX)
- **620 KTAR AZ Phoenix** 11/21 0800 Fading up but still poor w/ESPN mixing with XENK-DF and another SS. Heard w/ "Sports 6-20" slogan. **(RV-TX)**
 - **KPOJ** OR Portland 12/7 1810 *Randi Rhodes Show* in and out with semi-local KWAL, Wallace. (**RS-ID**)
 - **KMKI TX Plano** 11/23 1930 Fair-to-Poor but basically alone with Radio Disney; not for long though as other stations began fading in. **(RV-TX)**
- **630 KHOW CO Denver** 11/28 2000 In and out with talk, ID's for Station as well as web site (khow.com). **(RV-TX)**
 - **KSLR TX San Antonio** 11/28 2255 Fair to poor w/ local REL program, gave station number to call in. Local ads and promos after TOH, using "AM-630, KSLR" ID. (RV-TX)
- 670 KBOI ID Boise 12/5 1858 Ads for QDoba and Staples; legal ID at 1900:02 by man: "KBOI Boise, your official Broncos radio station" (something that should not be bragged about) followed by ABC news. Fair/good in null of local KLTT. (JW-CO)
- **690 KTSM TX El Paso** 12/8 2118 Talking about teen modeling with listener by phone, into: "It's twenty past the hour, news talk Six-Ninety KTSM." (**JDS-MN**)
- 870 WWL LA New Orleans 12/4 0633 "The big eight-seventy WWL" followed by commercial for New Orleans Saints football, into: Outdoors with Don Dubuc. (JDS-MN)
- **880 CKLQ MB Brandon** 12/4 0637 "This is Q country radio CKLQ" followed by country song by male artist. (**JDS-MN**)
- 900 CKBI SK Prince Albert 12/4 0653 Song: Guys Do It All The Time, Mindy McCready, into Station ID: "Country Nine-Hundred CKBI." (JDS-MN)
- **910 WSUI IA Iowa City** 12/4 0659 "You're listening to Iowa public radio AM 910 Iowa City" into NPR news. (**JDS-MN**)
- 920 CFRY MB Portage La Prairie 12/4 0708 Country song by male artist, into "Jason Blaine, Rock In My Boot on CFRY." (JDS-MN)
- 930 WTAD IL Quincy 12/4 0717 News, into "WTAD news time Six-Nineteen, Twenty-nine degrees." (JDS-MN)
 - ++ 12/6 1858 Last minute of Mark Levin show; ad for Gold Line; legal ID at 1859:50 by male voice: "Fox News Radio across America, around the world you can hear the difference on WTAD Quincy," followed by Fox news (of course). Fair atop others, and a nice addition to the taped ID collection. (JW-CO)
- 980 KMBZ MO Kansas City 12/4 0744 Commercial for Journey to Bethlehem "A Kansas City tradition" followed by other commercials with ref to Kansas City, into "News radio 980 KMBZ." (JDS-MN)

- **1000 KTOK OK Oklahoma City** 12/4 0757 The Home Repair Show, into Station ID: News radio KTOK, Oklahoma's news authority" followed by the News. **(JDS-MN)**
- **1010 CBR AB Calgary** 12/4 0833 News, followed by weather including "In Calgary today, sunny, high minus seven. That's the latest from the CBC news room." **(JDS-MN)**
- **1040 WHO IA Des Moines** 12/4 0846 "Seven-Forty-Six, Ten-Forty WHO" followed by Iowa College Foundation commercial, into "News radio WHO." (JDS-MN)
- 1060 CKMX AB Calgary 12/4 0854 "Country Gold is Canada's home for the biggest hits of all time" followed by commercials with references to Calgary, into: "Classic country AM 1060 CKMX." (JDS-MN)
- **1070 KATQ MT Plentywood** 12/9 1659 Ads for Toys R Us and Newby's(?); legal ID a few seconds before ToH: "K-A-T-Q Plentywood, Montana" spoken very slowly; ABC news was next at 1700. Fair signal well before MT/CO sunset. **(JW-CO)**
 - WTSO WI Madison 12/5 0758 Race Day Program, into Station ID: "The big Ten-Seventy WTSO." (JDS-MN)
- **1080 KRLD TX Dallas** 12/5 0805 "KRLD your station with traffic and weather together, right now it's Thirty-Seven degrees at KRLD." (**JDS-MN**)
- **1110 KFAB NE Omaha** 12/5 0820 "Compute this on KFAB" Listeners call in with computer problems for on air technician to give advice. **(JDS-MN)**
- 1140 CHRB AB High River 12/5 0831 Contemporary Christian music, followed by commercials with refs to High River, into "Southern Alberta's community radio station AM 1140." (JDS-MN)
- **1150 KLPM OR Portland** 12/7 1830 SS Talker, presumably the one under nearby KQQQ, Pullman. **(RS-ID)**
- **1160 KRDY TX San Antonio** 11/26 0535 Mixing w/KSL on one of my antennas with Radio Disney programming. **(RV-TX)**
 - KSL UT Salt Lake City 12/5 0904 "KSL news time 7:04, into commercials, then traffic and weather including "Partly cloudy skies and 38 degrees, into Cultural Connections program. (JDS-MN)
- **1200 WOAI TX San Antonio** 12/6 1931 Traffic and weather report into "Six-Thirty-Two, news radio WOAI." (JDS-MN)
- **1220 CJRB MB Boissevain** 11/26 2305 Out of news "This is CJRB" in mess of stations in phase null of local KLDC. (WH-CO)
- **1240 KFOR NE Lincoln** 12/6 2055 Good signals on top of a mess with their new all Christmas format. **(SA-MB)**
- **1280 KRZE NM Farmington** 12/3 0820 Latin tunes; gal with weather; ads for two businesses on San Juan Blvd; more music after a "La Ranchera 1280, la Mera Mera" slogan. Fair peaks with loop pointed E-W and KBNO nulled. Must have already been on day power. **(JW-CO)**
- **1350 KABQ NM Albuquerque** 12/2 2200 Out of PSA "KABQ Albuquerque" up briefly in with KCFR-1340 IBOC nulled. **(WH-CO)**
 - KCOR TX San Antonio 12/3 0000 Out of female SS vocal "Kan Ceh- Oh eRe" call ID in KCFR phase null. (WH-CO)
- **1360 KSCJ IA Sioux City** 12/2 0200 "This is KSCJ Sioux City" to network news. Up briefly in KHNC phase null. **(WH-CO)**
 - **KBUY** NM Ruidoso 12/2 0800 Up briefly in KHNC phase null "KBUY Ruidoso" and into Fox News. (WH-CO)
 - **KMNY TX Hurst** 11/28 1810 Good to fair w/SS contemporary Christian mx; "Radio La Voz" slogans between songs. Abrupt end at 1828 with presumed switch to PM power. **(RV-TX)**
- **1390 KENN** NM Farmington 11/28 2200 "KENN AM 1390 Farmington & KVFC AM 740 Cortez to ABC news in phase null of KGNU. (WH-CO)
 - KHOB NM Hobbs 11/30 0100 "KHOB 1390 AM Hobbs New Mexico ESPN Radio for South East New Mexico and West Texas" and ESPN Sport Center in phase null of local KGNU. (WH-CO)
 - KCRC OK Enid 11/30 0300 Out of ESPN program note "... Right here on ESPN Radio 1390 KCRC Enid..." and off to ESPN Sports Center In phase null of local KGNU. (WH-CO)
- 1410 KBNP OR Portland 12/7 1820 Business/talk Show under CFTE, Vancouver. (RS-ID)
- **1440 CKJR AB Wetaskiwin** 12/5 1156 Woman in animated SS. At first, couldn't imagine who this could be. No station in this part of the world is primarily SS on 1440. Then remembered that CKJR (oft heard here) runs ethnic programming on

weekends. Sure enough a check of their website shows SS program from 1130-1230 Sundays. Strong in & out with ever-present KMED, Medford, OR. (RS-ID)

- **1580 KOKB OK Blackwell** 12/4 0658 Tri-station legal ID at 0658:15: "KOKB Blackwell-Ponca City, KOKP and KOSB Perry-Stillwater is the Triple Play Sports Radio Network," then back to local sports talk. Fair at best. **(JW-CO)**
 - KGAF TX Gainesville 12/4 0259 ID at 0259:40: "You're listening to ..??..AM 1580 KGAF Gainesville..."; gal with weather, then song "White Christmas." Briefly fair and soon faded. (JW-CO)
- **1660 KXTR KS Kansas City** 11/29 0902 Ending Classical selection "... on KXTR..." under KQWB. **(WH-CO)**

Tentative/UNID

1710 UNID --- 12/8 0338 – Fairly good signals fading in and out with oldies music. Hear an ID as "This is where the good music has gone, the Big Q." Anyone have any info on this one? (SMA-MB)

Thanks for everyone's contributions. Happy Holidays to all. (JDT-WA)

International DX Digest

Bruce Conti contiba@gmail.com 46 Ridgefield Drive Nashua, NH 03062-1174

Loggings of stations outside the Lower 48 and Canada. All times UTC.

Two more mediumwave countries go dark. Say farewell to Greenland and Switzerland!

Trans-Atlantic DX

- 171 **MOROCCO** *R.MediUn,* Nador (35°03'N 2°55'W) DEC 4 0139 Woman in Arabic with popstyle music. Fair with whine noise, best in LSB. Parallel weaker 9575 kHz. [Frodge-MI]
- 189 **ICELAND** *Rikisútvarpid*, Gufuskálar (64°54'N 23°55'W) DEC 3 2334-2340 Man in Nordic language with pop music, into ad string. ("Extra" is apparently an Icelandic word.) Fair. [Frodge-MI]
- 198 **ENGLAND** *BBC Radio 4*, Droitwich et al. DEC 4 0144-0203 England vs. Australia cricket game call; stopped the game to go have lunch having oysters. Toasty 36 degrees in Australia. bbb.co.uk spot. Fair, with DIW beacon interference; best in LSB. [Frodge-MI]
- 234 **LUXEMBOURG** *RTL* Junglinster (49°40'N 6°19'E) DEC 4 0003-0024 Man and woman in English with familiar pop tunes. Fair till took a dive at 0024, USB helps; CN, QN and DO beacon interference. [Frodge-MI]
- 252 **IRELAND** *RTÉ Radio 1*, Clarkestown DEC 4 0205-0211 Man and woman in English taking phone calls. Fair till took a dive at 0211, best in USB despite 253 YTF beacon interference. [Frodge-MI]
- 531 **SPAIN** *RNE5* synchros DEC 5 0300 Fading over Algeria; time marker, "Radio Nacional de España, Informativos." [Conti-NH]
- 639 **SPAIN** *RNE1* La Coruña et al. DEC 10 2200 Good; news/talk through the hour parallel 855 kHz. [Conti-NH]
- 693 **UNITED KINGDOM** *BBC Radio 5*, Droitwich et al. DEC 10 2200 Good, synchro echo, over unID; Five Live website promo, familiar ID with fanfare into news, "On digital and online, this is BBC Radio Five Live." [Conti-NH]
- 702 **ALGERIA** *Chaîne 1,* Djelfa DEC 5 0350 Strong to nil; talk parallel local-like 531 and 549 kHz. [Conti-NH]
- 756 **GERMANY** *Deutschlandfunk*, Braunschweig & Ravensburg DEC 5 0440 Excellent; Christmas music parallel 1422 kHz. [Conti-NH]
- 765 **SWITZERLAND** *RSR Option Musique*, Sottens (46°39'N 6°44'E) DEC 10 2125 Good; repeating message by a woman in French with piano instrumental. This message had been running all week with the transmitter to be retired permanently. *Option Musique* held its onair farewell party and signed off MW on December 5. [Conti-NH]

- **CZECH REPUBLIC** *Ceský rozhlas,* various DEC 10 2200 Fair; fanfares and man in Czech. [Conti-NH]
- **DENMARK** *Danmarks Radio*, Kalundborg (55°40'N 11°04'E) DEC 5 0447 Good; weather data, then at 0453 appropriately the Weather Girls "It's Raining Men." [Conti-NH]

Pan-American DX

- **MEXICO** XENK México DF NOV 21 0010 U.S. nostalgia music program pretty much alone but fair at this point with full ID at 0059, "Radio 620" slogans every now and then. Faded by 0110 UTC. [Vance-TX]
- **MEXICO** XEBU Chihuahua, Chih NOV 24 0112 Fading up with rancheras and frequent "La Norteñita" slogans. [Vance-TX]
- **MEXICO** unID NOV 26 1158 Vocal anthem, clobbered by power increase from very local 820 WWBA. NOV 28 1138 Soft vocals and some rock vocals in Spanish not the typical ranchera fare for a Mexican female announcer, vocal anthem at 1157 but again wiped out by WWBA power increase. This one will elude me unless the anthem starts a little earlier, it appears. [Krueger-FL]
- 840 MEXICO unID NOV 26 1200 Vocal anthem, but too poor to ID. [Krueger-FL]
- 890 CUBA *R.Progreso/R.Surco/R.Chambas* (FM relay), unknown site, Ciego de Ávila DEC 1 2324-0105 Per tip from Paul V. Zecchino that the *R.Progreso* outlet here just flipped to *R.Surco*. (I had Surco as late as the morning of November 28). Tune in to not Surco, but *R.Chambas* IDs. This station is low power FM only (90.7 MHz) in Ciego de Ávila province. Indeed, per www.radiocubana.cu directorio de radio emisoras cubanas under Ciego de Ávila, Chambas is listed as being rebroadcast via *R.Surco* for 5.5 hours per day (no times listed). Programming was mostly Cuban dance, techno and rock. After 0000, canned feature on children's care, 0016 song with first few bars of "Jingle Bells" appended. Apparent end of relay at 0100 with *R.Surco* ID and programming. Signal was huge. DEC 2 1220 Surco programming still here with ID. At 2248 check, very poor and hard to tell if Chambas or Surco audio in interference from a Vietnamese talker (presumably KTXV Mabank, Texas) and WLS. Chambas was an interesting discovery, a first for me. Still not certain if the Surco/Chambas transmitter is the former Progreso listed in Ciego de Ávila, or new. DEC 4 0121 Strong, but no longer *R.Surco* feed. Back to *R.Progreso* parallel 640 kHz. So I presume that means FM *R.Chambas* reception is lost as quickly as it appeared. [Krueger-FL]
- 939.89 **MEXICO** XEQ Iztapalapa, México (19°19'N 99°05'W) NOV 26 1138 Ranchera vocals, presumed the one based on Dave Yocis off-frequency log in IDXD 78-8. [Krueger-FL]
 - **CUBA** *COCO* Sapo, Ciudad de la Habana NOV 26 1131 Fast-paced male newscaster, "El Periodico del Aire" slogan. Good. [Krueger-FL]
 - **MEXICO** XEQR *R.Centro*, México DF (19°24'N 99°06'W) NOV 26 1128 Vocal anthem at odd tune-in time, clear "Radio Centro" by man at 1129. [Krueger-FL]
- **MEXICO** XEYZ Aguascalientes, Agua NOV 25 0300 Good with norteño music and local announcements. "La Poderosa" slogan used frequently. [Vance-TX]
- **MEXICO** XEWK Guadalajara, Jal NOV 16 1150 In the mix with '80s-'90s U.S. rock, "W Radio música" slogan a couple of times, later with news program. [Vance-TX]
- **MEXICO** XECT Monterrey, NL NOV 26 1215 Mixing with XEWK, an unID English country music station, and local XEPZ phased; callsign ID followed by news then romantic music. "Contacto" slogan used a few times. [Vance-TX]
- **MEXICO** XEB San Lorenzo Tezonco, México (19°19'N 99°04'W) NOV 27 0801 Male and female in Spanish, "La Grande B XEB..." poor under CJRB in local KLDC phase null. [Heinen-CO]
- **MEXICO** XEBN Cd. Delicias, Chih NOV 28 1305 Poor with only "XEBN, Radio Radiola" ID coming through readable; local XEWG phased. [Vance-TX]

Trans-Pacific DX

- **JAPAN** JOIB Sapporo (43°05'N 141°37'E) DEC 5 1120 Presumed; a weak s3 carrier only. Faded out by 1150, no sign of 693 and 774 Japan. [Conti-NH]
- unID NOV 28 1128 Pretty big het right on channel, presume the most likely would be China Radio International's 500 kWer at Urumqi though plenty of other lower power possibilities, or maybe just an aggregate of several. Another carrier on 1503 kHz, many possibilities here, too. [Krueger-FL]

Contributors

Bruce Conti, Nashua NH; WiNRADiO WR-G31DDC Excalibur, 7 x 19.5-m variable termination Split SuperLoop at 60°, 15 x 23-m variable termination north/south SuperLoop.

Harold Frodge, Michigan Area Radio Enthusiasts DXpedition, Brighton MI; Drake R8B, 500-ft south/southwest unterminated Bev, 85-ft T2FD.

Wayne Heinen, Aurora CO; Kiwa Loop, Drake R8B, east/west Flag, north/south Flag, Dual TG-1 Termination Gizmo with DX Engineering RPA-1 preamp and Mini DXP5.

Terry L. Krueger, Clearwater FL; JRC NRD-535, ICOM IC-R75, Hammarlund HQ-180A, Aqua Guide 705 Radio Direction Finder, Sony ICF-7600GR, GE SuperRadio III, RadioShack DX-399, Sony Walkman SRF-59, 1 X roof dipole, 1 X in-room random wire, RadioShack 15-1853 passive MW loop.

Robert Vance, El Paso TX; WiNRADiO G303e/PD, 12 x 9-ft unterminated corner-fed north-south loop, 3 sq meter amplified air loop.

International News

GREENLAND: On February 11 at 8:00 a.m. local time all MW stations carrying *KNR* will be switched off for good and the transmitters will be dismantled. Relays of *KNR* newscasts twice daily via Tasiilaq 3815 kHz will also cease. The decision has been taken by the Ministry of Housing, Infrastructure and Transport. *KNR* will only be available via low power FM in inhabited areas of Greenland. Weather forecasts will be available for fishermen and others via VHF coastal radio. Thus no coverage of the waste country outside the towns and villages – and *KNR* will no longer be available for the fishermen at sea nor the Inuit population in Canada. The decision was made because the transmitters were getting old and too costly to maintain. Besides, very few people are using the MW transmissions. It was considered replacing MW with new SW transmitters near Nuuk, estimated cost 4 million DKK (535.000 euro), but it was felt that few listeners would invest in a SW receiver and the quality would be 'doubtful' – suffering from 'atmospheric phenomena.' So these plans were given up. [www.radionyt.com via Stig Hartvig Nielsen, *mwdx*]

73 and Good DX!

NRC Contests

Wayne Heinen amradiolog@nrcdxas.org 4131 Andes Way Aurora, CO 80013-3831

Here are the contest standings for logs through November 30. Thanks to everyone who have joined in with their loggings.

Ultra-Light Cumulative Points Contest

Contester	Location	Loggings	<u>Points</u>
Ron Bailey	Marion, NC	279	579
Russell Curry	Eugene, OR	45	99
J Paul Kavan	Tampa, FL	27	60

Unlimited Cumulative Points Contest

Contester	Location	Loggings	Points
Richard Lauhead	St Paul, MN	234	503
Wayne Heinen*	Aurora, CO	192	501
David Yocis*	Harpers Ferry, WV	122	242
Steve Sprague	Coffeyville, KS	60	135
Gary Houdek	Munden, KS	48	79
Mike Clancy	Jersey City, NJ	23	46
David B Jones	Nashville, TN	18	41
John R Malicky	Pittsburgh, PA	10	22
Dale Park	Honolulu, HI	1	1

Ultra-Light Cumulative Mileage Contest

Location	Loggings	<u>Total Miles</u>
Marion, NC	279	80,622
Tampa, FL	45	28,136
Eugene, OR	27	11,478
	Marion, NC Tampa, FL	Marion, NC 279 Tampa, FL 45



Unlimited Cumulative Mileage Contest

Contester	Location	Loggings	Total Miles
Wayne Heinen*	Aurora, CO	192	114,357
Richard Lauhead	St Paul, MN	234	99,483
David Yocis*	Harpers Ferry, WV	122	41,390
Steve Sprague	Coffeyville, KS	60	11,916
David B Jones	Nashville, TN	18	6,429
John R Malicky	Pittsburgh, PA	10	3,218
Dale Park	Honolulu, HI	1	2,577



* - Ineligible for prizes.

I was doing some research on Ultralights and came across an article that was written by Kevin Schanilec of Bainbridge Island, WA who is "one of the original leaders of the Ultralight DX movement, and was actually the originator of the 'Ultralight Radio' moniker," according to NRC'er Gary DeBock. For the edification of all I obtained Kevin's permission to run the article here.

What is an Ultralight Radio? By Kevin Schanilec

The Definitions Committee is guided by the following attributes which characterize an Ultralight MW DX radio:

- 1. It is a simple shirt pocket-sized radio of not more than approximately 20 cubic inches.
- 2. It is an entertainment-grade radio, as opposed to enthusiast's radio. As such, it will usually not have AM synchronous detection, SSB clarification or other specialized features.
 - 3. It is readily available to the hobby in new or used markets at the time of its approval.
 - 4. It costs no more than \$100 retail at the time of approval.
- 5. It is primarily a radio. While it may have other features as well (MP3 recorder, etc.), the design and function should have radio reception as its focus.
 - 6. It is not a "novelty radio" such as Coca Cola Can radio, Mr. Potato Head, etc.

While one may of course use any radio they wish for DXing, for purposes of contest participation and records submission an Ultralight Radio must be officially approved by the Ultralight Definitions Committee. If an Ultralight enthusiast wishes to have a particular radio considered for inclusion in the list, he/she should submit a proposal to the Committee that states, specifically, how the radio in question meets the six criteria above. The proposal should also contain or have a link to the specifications for the radio, and preferably at least one photograph.

Each radio must be approved by a committee on a case-by-case basis. The criteria are more of a guide than a set of rigid restrictions, and occasional exceptions may be made to any of the criteria. However, the committee requests that discretion be exercised before seeking approval for radios clearly outside of the definition. The approval process is thoroughly vetted by many individuals before a decision is made. The individuals are scattered all over North America and the vetting process can be time-consuming with unanticipated delays because of work schedules or other commitments

There is plenty of information on Ultralight radios at http://www.dxer.ca/ulr/75-introduction-to-ulr. Many of the articles on Ultralight radios have been featured in the pages of DX News. Hopefully the definition of Ultralight radios and the challenge that they present might encourage more participation in this year's NRC Contest in the Ultralight category.

Musings of the Members

Dave Schmidt NRCMusings@aol.com P.O. Box 126 New Freedom, PA 17349-0126

Thoughts from NRC members. Local time per Muse.

All opinions expressed are those of the individual writers – they do not necessarily reflect those of the editors, publishers, or the National Radio Club, Inc.

Hopefully we'll light a spark with this Musing from George and get YOU to report some of your finer DX moments and memories! Heck, even some current things will work! And if your a new member, feel free to write in and tell us some info on yourself! Deadlines are Friday. Here we go:

GEORGE A. SANTULLI, LOVETTSVILLE, VA

I just read the wonderful Karl D. Forth article in the October, 2010 issue of PopComm. The article about "Silent Nights and Distant Signals: AM Clear Channels, Then and Now." It brought back such wonderful memories of the "golden days" of AM DXing. Karl's article hit the nail on the head and brought back vivid memories of those "Sunday nights/Monday mornings," when the possibility of coast to coast DXing was possible as stations signed off like a set of dominoes falling starting with the east coasters leaving the air at midnight, followed by the central zone, mountain zone and then finally at 2am EST, opening the door to the west coast. Many of the big guns of the West stayed on till dawn in the eastern zone. KFI, KSL, KOMO, KING, and even KORL-650 Honolulu was possible. I can remember checking the western opening early on Sunday evening to see if I could hear WLS or WHO easily. From Central Jersey, that usually was an indication that it would be a good Monday morning. I can still remember as I was watching Bonanza on Sunday night, which was set in Nevada, hoping that within hours, I, too, would be lucky to finally hear KENO-1460 in Las Vegas, which was widely reported in the east. One frosty January morning in 1964, I did hear KENO in my NJ home. I also remember KTFI in Twin Falls, Idaho, KOWB in Sheridan, Wyoming, KBOI, when they were on 950 from Boise, KWIZ in Santa Ana, KEEN in San Jose. MM's or Monday mornings were magical and full of possibiltiy. How tiny KRDS-1190 from Tolleson, AZ made it into NJ with nary 250 watts was a mystery, but they did make it. A DX test from KYMN in Oregon City, OR also was heard, even with KOMA on from Oklahoma City. Nothing was impossible, every station in the west still on the air was fair game. Somewhere hidden away in the basement are audio tapes of some of those sessions. How many times did I have to rewind the old RCA 1/4 track audio recorder to hear the faint ID from KFBK Sacramento on 1530 with a silent WCKY paving the way for a shot at the California capital. M-A-G-I-C is the only word that fits these years. Karl's article prompted me to write a note to Musings, since after reading the article, I was further reminded of waiting anxiously for each new edition of DX News, which in those days, was full of Musings. It was fun to read about DXers in the far flung parts of the country reporting in, but more so from DXers down the street, to see what they were hearing, and what was possible from my location too. DX News is as great as ever, but we have lost touch with Musings, which was always my favorite part of the DX News each week. I have been very lax keeping Dave busy, but if each member only wrote one a year, wouldn't that be about 600 Musings? It would be great to read the Musings of each member at least once a year. It would create a personality tied to a name, instead of just recent loggings or "bits" of info. In the "old days," when you saw a name, the name jumped off the page with a feeling or sense of who he or she was. Who can remember the Musings of Gordon Nelson (MA), or Stewart Drake (PA), Ernie Cooper (NY and later MA)? I never met Gordon or Stewart, but did meet Ernie once. Their Musings made me feel as though I knew more about them, than just a name on a page. Each one had a particular writing style and their exploits or thoughts were captivating. I think we have lost some of that in recent years, with a big drop off of personal submissions to Musings. So, lets try and get Dave busy again, if each of us sent him "one" Musing in a DX season, he would be very busy! And we would be the winners, since we would know more about each member, and isn't that one of the benefits of belonging to such a club? And finally, I did not want my "Musing" to go without saying a big thanks to Paul Swearingen, whose years of hard work, patience and sacrifice as the Publisher of DX News for so many years. Had Paul not slaved over the tedious job of getting the elements of DX News together, we probably would not have the fine publication we have today. Each and every one of us owes Paul a big thank you and an even bigger Job Well Done!! 73's...and as Ernie Cooper would say...Forward March! (Thanks George-DWS)

Dave Schmidt - P O Box 126 - New Freedom, PA 17349

It's amazing to see what has been happening to the Canadian stations, going off the air to move to FM. Who would have thought that the day would be here when big signals such as CBL, CBM, CBF, CBE would be gone! It's a shame in some respect to see these stations go away as it gave us our only chance of hearing that province! And who can remember the low power stations the CBC had as relay stations in the far out places. There was one on 1190 that was a pest on Monday mornings, all of 30 watts, but sounded like it it was 10 miles away some mornings. Deadlines are Friday nights so reports are WELCOMED!



Bruce Elving's FM Atlas ... 21st 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. Canadian orders: PayPal or postal M. O. only. Order from NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)

Achievements

Graveyard DX Bill Hale w_r_hale@sbcglobal.net 6124 Roaring Springs Drive

North Richland Hills, TX 76180-5552

Distance records for stations logged on graveyard frequencies



1450 kHz

Logged from Jan 1, 1960 to Present Current as of November 22, 2010



<u>Indicators for stations with multiple record-holders</u>

record held by a DXer in Alaska or Hawaii

* record held by DXer from North America (excluding Alaska)

+ record held by a DXer in USA/Canada where a Canada/USA record exceeds that mileage

Station	<u>City</u>	DXer	DX Location	<u>Miles</u>
WDNG AL	Anniston	Carl Dabelstein	Overland Park, KS	615
WSMQ AL	Bessemer	Mike Hawk	Omaha, NE	732
WDLK AL	Dadeville	Jim Renfrew	Rochester, NY	837
WDIG AL	Dothan	Don Trelford	Runaway Bay, Jamaica	1019
WDIG AL	Dothan	Robert Forsman	Pascagoula, MS	* 198
WFIX AL	Huntsville	Carl Dabelstein	Lincoln, NE	* 686
WFIX AL	Huntsville	Jeff Falconer	Clinton, ON	+ 672
WLAY AL	Muscle Shoals	Wayne Heinen	Orchard Park, NY	733
KLAM AK	Cordova	Esa Hänninen	Lemmenjoki, Finland	3497
KAWT AZ	Douglas	Phil Bytheway	Seattle, WA	1311
KNOT AZ	Prescott	Tim Hall	Solvang, CA	439
KVSL AZ	Show Low	Carl Dabelstein	Lincoln, NE	861
KOPO AZ	Tucson	Mike Hardester	Modesto, CA	674
KENA AR	Mena	Wayne Heinen	Aurora, CO	678
KYOR CA	Blythe	Mike Sanburn	Bellflower, CA	214
KAVA CA	Burney	Nancy Johnson	Aberdeen, WA	436
KFSD CA	Escondido	Tim Hall	The Sea Ranch, CA	526
KGAM CA	Palm Springs	Tim Hall	Carmel-by-the Sea, CA	359
KTIP CA	Porterville	Frank Merrill	Nenana, AK	# 2319
KTIP CA	Porterville	Tim Hall	Yellowstone Lake Village, WY	* 866
KEST CA	San Francisco	Esa Hänninen	Lemmenjoki, Finland	4907
KSOL CA	San Francisco	Dave Whatmough	Hamilton, ON	* 2244
KEST CA	San Francisco	Carl Dabelstein	Tucson, AZ	+ 750
KVML CA	Sonora	Pete Taylor	Tacoma, WA	653
KVEN CA	Ventura	Richard E. Wood	Hilo, HI	# 2411
KVEN CA	Ventura	Phil Bytheway	Seattle, WA	* 937
KOBO CA	Yuba City	Esa Hänninen	Lemmenjoki, Finland	4799
KOBO CA	Yuba City	Richard E. Wood	Hilo, HI	# 2404
KOBO CA	Yuba City	Bill Harms	Spokane Valley, WA	* 630
KGIW CO	Alamosa	Olle Alm	Abisko, Sweden	4600
KGIW CO	Alamosa	Frank Merrill	Milan, MI	* 1222
KDMN CO	Buena Vista	Tim Hall	Green River, WY	211
KAVP CO	Colona	Richard Lauhead	Vadnais Heights, MN	882
KGRE CO	Greeley	Olle Alm	Abisko, Sweden	4386
KATR CO	Greeley	Jim Boehm	San Antonio, TX	* 836
KDRW CO	Silverton	Niel Wolfish	Winnipeg, MB	99 * 422
WNAB CT	Bridgeport Bridgeport	Frank Wheeler	Erie, PA	* 423 + 215
WCUM CT	Bridgeport	Barry McLarnon	Ottawa, ON	+ 315
WILM DE	Wilmington	Don Trelford	Runaway Bay, JMC	1477 * 535
WILM DE WILM DE	Wilmington	Steve Francis Jeff Falconer	Alcoa, TN	+ 410
WOL DC	Wilmington	-	Clinton, ON	* 451
WOL DC	Washington Washington	Barry McLarnon Steve Francis	Ottawa, ON Alcoa, TN	+ 440
WWJB FL	Brooksville	Jerry Starr	Youngstown, OH	872
WMFJ FL	Daytona Beach	Andy Rugg	Montreal, QC	* 1196
WMFJ FL	Daytona Beach	Marc DeLorenzo	Hyannis, MA	+ 1050
4 4 1 4 11 J J L	Day tolia Deach	TATALE DELOICIZO	11y a111113, 1911 1	1000

				15
WOCN FL	Miami	Joe Kureth	Southern Pines, NC	648
WBSR FL	Pensacola	Don Trelford	Runaway Bay, Jamaica	1040
WBSR FL	Pensacola	Carl Dabelstein	Lincoln, NE	* 891
WSPB FL	Sarasota	Dave Whatmough	Hamilton, ON	* 1111
WSPB FL	Sarasota	Steve Francis	Alcoa, TN	+ 590
WSTU FL WTAL FL	Stuart Tallahassee	Don Trelford Charles Reh	Runaway Bay, Jamaica	1079 * 808
WTAL FL WTAL FL	Tallahassee	Steve Francis	Leamington, ON Alcoa, TN	+ 370
WGPC GA	Albany	Don Trelford	Runaway Bay, JMC	1007
WBHF GA	3	Russ Johnson	Lexington, NC	282
WCON GA	Cornelia	Carl Dabelstein	Lincoln, NE	840
WKEU GA	Griffin	Russ Johnson	Lexington, NC	288
WMVG GA	Milledgeville	Don Trelford	Runaway Bay, Jamaica	1079
WMVG GA	Milledgeville	Jeff Falconer	Clinton, ON	* 735
WMVG GA	Milledgeville	Steve Francis	Alcoa, TN	+ 191
WQQT GA		Russ Edmunds	Parsippany, NJ	711
WVLD GA	Valdosta	John Wilkins	West Des Moines, IA	946 * 967
KBFI ID KBFI ID	Bonners Ferry Bonners Ferry	Shawn Axelrod Tim Hall	Winnipeg, MB Lake MacDonald, MT	* 867 + 139
KVSI ID	Montpelier	Richard Lauhead	Vadnais Heights, MN	929
KORI ID	Payette	Esa Hänninen	Lemmenjoki, Finland	4420
KIOV ID	Payette	Barry McLarnon	Ottawa, ON	* 2001
KIOV ID	Payette	John Wilkins	Wheat Ridge, CO	+ 675
KEZJ ID	Twin Falls	Olle Alm	Abisko, Sweden	4411
KEZJ ID	Twin Falls	Shawn Axelrod	Winnipeg, MB	* 962
KEZJ ID	Twin Falls	Ron Schiller	Coeur d'Alene, ID	+ 372
WCEV IL	Cicero	Shawn Axelrod	Winnipeg, MB	* 708
WCEV IL	Cicero	Richard Lauhead	Vadnais Heights, MN	* 350
WVON IL WVON IL	Cicero Cicero	Shawn Axelrod Steve Francis	Winnipeg, MB Alcoa, TN	718 + 464
WKEI IL	Kewanee	Barry McLarnon	Ottawa, ON	766
WKEI IL	Kewanee	Carl Dabelstein	Lincoln, NE	+ 352
WCVS IL	Springfield	Russ Edmunds	Parsippany, NJ	* 818
WFMB IL	Springfield	Barry McLarnon	Ottawa, ON	+ 804
WAFX IN	Fort Wayne	Niel Wolfish	Winnipeg, MB	833
WLYV IN	Fort Wayne	Shawn Axelrod	Winnipeg, MB	(Tie) 833
WXVW IN	Jeffersonville	Niel Wolfish	Winnipeg, MB	* 968
WQKC IN	Jeffersonville	Russ Edmunds	Blue Bell, PA	+ 577
WASK IN	Lafayette	Niel Wolfish	Winnipeg, MB	* 814
WASK IN WAOV IN	Lafayette Vincennes	Steve Francis Bill Dvorak	Alcoa, TN Madison, WI	+ 355 318
KCDR IA	Cedar Rapids	John Wilkins	Wheat Ridge, CO	715
KWBW KS	Hutchinson	Shawn Axelrod	Winnipeg, MB	* 803
KWBW KS	Hutchinson	Neil Kazaross	Barrington, IL	+ 592
WTCO KY	Campbellsville	Russ Edmunds	Little Silver, NJ	652
WWXL KY	Manchester	Jeff Falconer	Clinton, ON	462
WPAD KY	Paducah	Shawn Axelrod	Winnipeg, MB	* 968
WPAD KY	Paducah	Russ Edmunds	Parsippany, NJ	+ 805
WLKS KY	West Liberty	Jeff Falconer	Clinton, ON	* 404
WLKS KY KSIG LA	West Liberty Crowley	Steve Francis Ron Schiller	Alcoa, TN Lighthouse Point, FL	+ 153 794
KNOC LA	Natchitoches	Frank Merrill	Milan, MI	883
WNPS LA	New Orleans	Charles Reh	Leamington, ON	* 935
WWIW LA	New Orleans	Carl Dabelstein	Lincoln, NE	+ 835
WRKD ME	Rockland	Jean Burnell	St. John's, NF	825
WRKD ME	Rockland	Marc DeLorenzo	Hyannis, MA	+ 181
WKTQ ME	South Paris	Don Voorhies	Oswego, NY	* 303
WKTQ ME	South Paris	Barry McLarnon	Ottawa, ON	+ 270
WTBO MD		Barry McLarnon	Ottawa, ON	* 423 + 201
WTBO MD WTHU MD		Steve Francis	Alcoa, TN	+ 391 405
WTHU MD		Barry McLarnon Marc DeLorenzo	Ottawa, ON Hyannis, MA	+ 399
WNBP MA		Barry McLarnon	Ottawa, ON	* 301
	Newburyport	Russ Edmunds	Blue Bell, PA	+ 294
WMAS MA		Barry McLarnon	Ottawa, ON	276
WATZ MI	Alpena	MB DXPedition	Valhalla Beach, MB	734

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WHTC MI	Holland	Barry McLarnon	Ottawa, ON	* 542
WHTC MI	Holland	Carl Dabelstein	Omaha, NE	+ 514
WMIQ MI	Iron Mountain	Niel Wolfish	Winnipeg, MB	* 500
WMIQ MI	Iron Mountain	Shawn Axelrod		* (Tie) 500
-			Winnipeg, MB	
WMIQ MI	Iron Mountain	Neil Kazaross	Barrington, IL	+ 252
WIBM MI	Jackson	Ron Musco	Windsor, CT	* 658
WIBM MI	Jackson	Barry McLarnon	Ottawa, ON	+ 483
WKLA MI	Ludington	Barry McLarnon	Ottawa, ON	* 532
WKLA MI	Ludington	Neil Kazaross	Barrington, IL	+ 150
WNBY MI	Newberry	Russ Edmunds	Parsippany, NJ	* 679
WNBY MI	Newberry	Barry McLarnon	Ottawa, ON	+ 473
WHLS MI	Port Huron	Steve Francis	Alcoa, TN	* 503
WHLS MI	Port Huron	Barry McLarnon	Ottawa, ON	+ 369
KATE MN	Albert Lea	Olle Alm	Abisko, Sweden	3963
KATE MN	Albert Lea	Barry McLarnon	Ottawa, ON	* 874
KATE MN		John Wilkins	Wheat Ridge, CO	+ 661
		-		
KBUN MN		Gary Atkins	Louisville, KY	805
KBMW MN	O	Esa Hänninen	Lemmenjoki, Finland	3975
KBMW MN	O	Barry McLarnon	Ottawa, ON	* 1002
KBMW MN	Breckenridge	John Wilkins	Wheat Ridge, CO	+ 622
WELY MN		Joe Kureth	Uniontown, MD	931
KCLD MN		Don Trelford	Scarborough, ON	* 743
KNSI MN		Neil Kazaross		+ 380
			Barrington, IL	
WROX MS	Clarksdale	Andy Rugg	Waterloo, ON	820
WROX MS	Clarksdale	Carl Dabelstein	Omaha, NE	+ 569
WCJU MS	Columbia	Joe Kureth	Uniontown, MD	921
WJXN MS	Jackson	Charles Reh	Leamington, ON	791
WJXN MS	Jackson	Steve Francis	Alcoa, TN	+ 428
WMGP MS	Meridian	Don Trelford		940
			Scarborough, ON	
WOKK MS	Meridian	Carl Dabelstein	Lincoln, NE	+ 731
WNAT MS	Natchez	Tim Hall	Irving, TX	337
WROB MS	West Point	Jerry Starr	Youngstown, OH	678
KFTW MC	Fredericktown	Jim Boehm	San Antonio, TX	731
WMBH MC		Niel Wolfish	Winnipeg, MB	903
WMBH MC		Shawn Axelrod		(Tie) 903
			Winnipeg, MB	
WMBH MC	· 1	John Wilkins	Wheat Ridge, CO	+ 601
KIRX MC		Niel Wolfish	Winnipeg, MB	692
KIRX MC) Kirksville	Shawn Axelrod	Winnipeg, MB	* (Tie) 692
KIRX MC	Kirksville	Morris Sorensen	Winnipeg, MB	* (Tie) 692
KIRX MC	Kirksville	Neil Kazaross	Barrington, IL	+ 268
KOKO MC		Paul Mount	Teaneck, NJ	* 1055
	O			
KOKO MC	O	Jeff Falconer	Clinton, ON	+716
KWPM MC		Barry McLarnon	Ottawa, ON	* 1025
KWPM MC	West Plains	Steve Francis	Alcoa, TN	+ 443
KXXL MT	Bozeman	Tim Hall	Fitz Hugh Sound, BC	876
KXXL MT	Bozeman	Forest Osborn	Hooker, OK	+ 794
KUDI MT	Great Falls	Esa Hänninen	Lemmenjoki, Finland	4120
KUDI MT	Great Falls	Ernie Wesolowski	Omaha, NE	* 872
KGRZ MT	Missoula	Nancy Johnson	Aberdeen, WA	462
KRBN MT	Red Lodge	Shawn Axelrod	Winnipeg, MB	644
KRBN MT	Red Lodge	Phil Bytheway	Seattle, WA	(Tie) 644
KSKR MT	Whitefish	Nancy Johnson	Aberdeen, WA	⁴⁵²
KVCK MT	Wolf Point	Niel Wolfish	Winnipeg, MB	401
KVCK MT	Wolf Point			
		Shawn Axelrod	Winnipeg, MB	(Tie) 401
KVCK MT	Wolf Point	Morris Sorensen	Winnipeg, MB	(Tie) 401
KWBE NE	Beatrice	John Johnson	Billings, MT	704
KCSR NE	Chadron	Ernie Wesolowski	Omaĥa, NE	372
KONE NV	Reno	Frank Merrill	Nenana, AK	# 2086
KONE NV		Tim Hall	Chula Vista, CA	* 504
				* 502
WKXL NH		Jeff Falconer	Clinton, ON	
WKXL NH		Russ Edmunds	Blue Bell, PA	+ 285
WIIN NJ	Atlantic City	Esa Hänninen	Lemmenjoki, Finland	3968
WFPG NJ	Atlantic City	Bill Dvorak	Madison, WI	* 818
WENJ NJ	Atlantic City	Jeff Falconer	Clinton, ON	+ 470
WCTC NJ	New Brunswick	Steve Francis	Alcoa, TN	* 613
,	New Brunswick	Jeff Falconer	Clinton, ON	+ 424
WCTC NJ	INCW DIUIISWICK	Jen Parconel	CIIIIOII, OIN	T 4 2 4

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KRZY NM	Albuquerque	Ernie Wesolowski	Omaha, NE	709
KLMX NM	Clayton	Ron Schiller	Monmouth Beach, NJ	1599
	Las Cruces	Phil Bytheway	Seattle, WA	1336
	Portales	Shawn Axelrod	Winnipeg, MB	* 1115
	Portales	Tim Hall	Teasdale, UT	+ 535
WCLI NY	Clore Falls	Barry McLarnon	Ottawa, ON	233
WWSC NY WWSC NY	Glens Falls Glens Falls	Charles Reh Tim Hall	Leamington, ON Mount Laurel, NI	* 463 + 243
WHDL NY	Olean	Barry McLarnon	Mount Laurel, NJ Ottawa, ON	264
WKIP NY	Poughkeepsie	Jeff Falconer	Clinton, ON	411
WKAL NY	Rome	Jeff Falconer	Clinton, ON	306
WATA NC	Boone	Russ Edmunds	Blue Bell, PA	443
WGNC NC	Gastonia	Barry McLarnon	Ottawa, ON	754
WGNC NC	Gastonia	Steve Francis	Alcoa, TN	+ 160
WHVH NC	Henderson	Andy Rugg	Montreal, QC	678
WIZS NC	Henderson	Steve Francis	Alcoa, TN	+ 314
WHKP NC		Don Trelford	Runaway Bay, Jamaica	1212
WHKP NC	Hendersonville	Barry McLarnon	Ottawa, ON	* 777
WHKP NC	Hendersonville	Steve Francis	Alcoa, TN	+ 91 * 712
WNOS NC WNOS NC	New Bern New Bern	Barry McLarnon Russ Edmunds	Ottawa, ON Blue Bell, PA	* 713 + 363
WCIE NC	Spring Lake	Barry McLarnon	Ottawa, ON	724
WFVS NC	Spring Lake	Steve Francis	Alcoa, TN	+ 286
KGCA ND	Rugby	Carl Dabelstein	Lincoln, NE	* 547
KZZJ ND	Rugby	Tim Hall	Winnipeg, MB	+ 167
WJER OH		Jeff Falconer	Clinton, ON	215
WMOH OH	Hamilton	Niel Wolfish	Winnipeg, MB	942
WMOH OH		Shawn Axelrod	Winnipeg, MB	(Tie) 942
WMOH OH		Russ Edmunds	Kinnelon, NJ	+ 547
WLEC OH		Barry McLarnon	Ottawa, ON	* 440
WLEC OH	5	Ron Bailey	Shelby, NC	+ 434
KWHW OK KWHW OK		Olle Alm	Abisko, Sweden	4660
KWHW OK KWHW OK		Niel Wolfish Shawn Axelrod	Winnipeg, MB	1046 Tie) * 1046
KWHW OK		John Wilkins	Winnipeg, MB (Wheat Ridge, CO	+ 476
KGFF OK		Neil Kazaross	Barrington, IL	666
KSIW OK	Woodward	Phil Bytheway	Seattle, WA	1401
KKXO OR	Eugene	Esa Hänninen	Lemmenjoki, Finland	4487
KKXO OR	Eugene	Tim Hall	Revillagigedo Channel, AK	# 833
KKXO OR	Eugene	Tim Hall	Monterey, CA	* 521
KKXO OR	Eugene	Tim Hall	Manning Park Resort, BC	+ 399
KFLS OR	Klamath Falls	Esa Hänninen	Lemmenjoki, Finland	4600
KFLS OR	Klamath Falls	Bill Harms	Spokane Valley, WA	* 438
KLBM OR	La Grande	Esa Hänninen	Lemmenjoki, Finland	4348 * 1056
KLBM OR KLBM OR	La Grande La Grande	MB DXPedition Tim Hall	Valhalla Beach, MB	* 1056 + 394
KBPS OR	Portland	Bill Harms	Crescent City, CA Spokane Valley, WA	296
WWGO PA	Erie	Marc Delorenzo	Hyannis, MA	* 504
WPSE PA	Erie	Barry McLarnon	Ottawa, ON	+ 308
WFRA PA	Franklin	UK DXPedition	Sheigra, Scotland	3326
WFRA PA	Franklin	Carl Dabelstein	Lincoln, NE	* 877
WFRA PA	Franklin	Barry McLarnon	Ottawa, ON	+ 341
WDAD PA	Indiana	Andy Rugg	Pointe Claire, QC	425
WDAD PA	Indiana	Steve Francis	Alcoa, TN	(Tie) 425
WPAM PA	Pottsville	Andre Direc	Dointo (lairo ()	* 348
WPAM PA		Andy Rugg	Pointe Claire, QC	. 70
	Pottsville	Tim Hall	Newton, NJ	+ 79
WMPT PA	Pottsville South Williamsport	Tim Hall Frank Merrill	Newton, NJ Toledo, OH	342
WMPT PA WMAJ PA	Pottsville South Williamsport State College	Tim Hall Frank Merrill Steve Francis	Newton, NJ Toledo, OH Alcoa, TN	342 * 481
WMPT PA WMAJ PA WMAJ PA	Pottsville South Williamsport State College State College	Tim Hall Frank Merrill Steve Francis Barry McLarnon	Newton, NJ Toledo, OH Alcoa, TN Ottawa, ON	342 * 481 + 331
WMPT PA WMAJ PA WMAJ PA WJPA PA	Pottsville South Williamsport State College State College Washington	Tim Hall Frank Merrill Steve Francis Barry McLarnon Barry McLarnon	Newton, NJ Toledo, OH Alcoa, TN Ottawa, ON Ottawa, ON	342 * 481 + 331 * 423
WMPT PA WMAJ PA WMAJ PA	Pottsville South Williamsport State College State College	Tim Hall Frank Merrill Steve Francis Barry McLarnon	Newton, NJ Toledo, OH Alcoa, TN Ottawa, ON	342 * 481 + 331
WMPT PA WMAJ PA WMAJ PA WJPA PA WJPA PA	Pottsville South Williamsport State College State College Washington Washington	Tim Hall Frank Merrill Steve Francis Barry McLarnon Barry McLarnon Steve Francis	Newton, NJ Toledo, OH Alcoa, TN Ottawa, ON Ottawa, ON Alcoa, TN	342 * 481 + 331 * 423 + 367
WMPT PA WMAJ PA WMAJ PA WJPA PA WJPA PA WLKW RI WLKW RI WQSN SC	Pottsville South Williamsport State College State College Washington Washington West Warwick West Warwick Charleston	Tim Hall Frank Merrill Steve Francis Barry McLarnon Barry McLarnon Steve Francis Christian DeHaes Tim Hall Andy Rugg	Newton, NJ Toledo, OH Alcoa, TN Ottawa, ON Ottawa, ON Alcoa, TN Chicoutimi, QC Tom Nevers, MA Montreal, QC	342 * 481 + 331 * 423 + 367 * 466 + 86 * 941
WMPT PA WMAJ PA WMAJ PA WJPA PA WJPA PA WLKW RI WLKW RI WQSN SC WQSN SC	Pottsville South Williamsport State College State College Washington Washington West Warwick West Warwick Charleston Charleston	Tim Hall Frank Merrill Steve Francis Barry McLarnon Barry McLarnon Steve Francis Christian DeHaes Tim Hall Andy Rugg Russ Edmunds	Newton, NJ Toledo, OH Alcoa, TN Ottawa, ON Ottawa, ON Alcoa, TN Chicoutimi, QC Tom Nevers, MA Montreal, QC Parsippany, NJ	342 * 481 + 331 * 423 + 367 * 466 + 86 * 941 + 635
WMPT PA WMAJ PA WMAJ PA WJPA PA WJPA PA WLKW RI WLKW RI WQSN SC	Pottsville South Williamsport State College State College Washington Washington West Warwick West Warwick Charleston	Tim Hall Frank Merrill Steve Francis Barry McLarnon Barry McLarnon Steve Francis Christian DeHaes Tim Hall Andy Rugg	Newton, NJ Toledo, OH Alcoa, TN Ottawa, ON Ottawa, ON Alcoa, TN Chicoutimi, QC Tom Nevers, MA Montreal, QC	342 * 481 + 331 * 423 + 367 * 466 + 86 * 941

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WHSC SC Hartsville WHSC SC Hartsville	Carl Dabelstein Jeff Falconer	Lincoln, NE Clinton, ON	* 1012 + 645
WJYR SC Myrtle Beach	Barry McLarnon	Ottawa, ON	* 822
WMYB SC Myrtle Beach	Marc DeLorenzo	Hyannis, MA	+ 722
KBFS SD Belle Fourche	Shawn Axelrod	Hecla Island, MB	* 555
KBFS SD Belle Fourche	Carl Dabelstein	Omaha, NE	+ 466
KSQP SD Pierre	John Wilkins	Wheat Ridge, CO	399
KSQP SD Pierre KYNT SD Yankton	Wayne Heinen Tim Hall	Aurora, CO Winnipeg, MB	(Tie) 399 * 485
KYNT SD Yankton	Bruce Winkelman	Tulsa, OK	+ 478
WLAR TN Athens	Ernie Wesolowski	Omaha, NE	741
WMOC TN Chattanooga	Ernie Wesolowski	Omaha, NE	* 728
WMOC TN Chattanooga	Carl Dabelstein		Γie) * 728
WMOC TN Chattanooga	Jeff Falconer	Clinton, ON	+ 625
WDSG TN Dyersburg WSMG TN Greeneville	Steve Francis Carl Dabelstein	Alcoa, TN Lincoln, NE	303 * 814
WSMG TN Greeneville	Jeff Falconer	Clinton, ON	+ 519
WLAF TN La Follette	Joe Kureth	Uniontown, MD	443
WGNS TN Murfreesboro	Don Trelford	Scarborough, ON	* 660
WGNS TN Murfreesboro	Carl Dabelstein	Lincoln, NE	+ 654
KAYC TX Beaumont	Eric McIntosh	Invercargill, NSW	8026
KAYC TX Beaumont KAYC TX Beaumont	Michael Hawk Ernie Wesolowski	Omaha, NE Omaha, NE (7	* 781 Γie) * 781
KAYC TX Beaumont	Carl Dabelstein		Γie) * 781
KBEN TX Carrizo Springs	Carl Dabelstein	Lincoln, NE	865
KCTI TX Gonzales	Ron Schiller	Dallas, TX	230
KMBL TX Junction	Ernie Wesolowski	Omaha, NE	770
KCYL TX Lampasas	Robert Forsman	Pascagoula, MS	574
KMHT TX Marshall KNET TX Palestine	Bruce Winkelman Carl Dabelstein	Tulsa, OK	260 627
KSNY TX Snyder	Ernie Wesolowski	Lincoln, NE Omaha, NE	671
KSNY TX Snyder	Carl Dabelstein	•	(Tie) 671
KCNY UT Moab	Carl Dabelstein	Omaha, NE	735
KURA UT Moab	Ernie Wesolowski		(Tie) 735
KEYY UT Provo	Shawn Axelrod	Winnipeg, MB	* 962
KEYY UT Provo KDXU UT St. George	Tim Hall Ernie Wesolowski	Mammoth Lakes, CA	+ 431 977
KDXU UT St. George WSNO VT Barre	Jeff Falconer	Omaha, NE Clinton, ON	* 451
WSNO VT Barre	Russ Edmunds	Blue Bell, PA	+ 314
WTSA VT Brattleboro	Jeff Falconer	Clinton, ON	455
WBVA VA Bayside	Russ Edmunds	Blue Bell, PA	232
WFTR VA Front Royal	Ernie Wesolowski	Omaha, NE	* 961
WFTR VA Front Royal	Barry McLarnon	Ottawa, ON	+463
WCLM VA Highland Springs WREL VA Lexington	Les Rayburn Bob McCoy	Helena, AL Lincoln, NE	611 * 946
WREL VA Lexington	Barry McLarnon	Ottawa, ON	+ 558
WMVA VA Martinsville	Don Voorhies	Oswego, NY	422
KAYO WA Aberdeen	Esa Hänninen	Lemmenjoki, Finland	4300
KBKW WA Aberdeen	Richard E. Wood	Hilo, HI	# 2584
KBKW WA Aberdeen	Art Blair	Folsom, CA	* 589
KBKW WA Aberdeen KCLX WA Colfax	Tim Hall Olle Alm	Jasper, AB Abisko, Sweden	+ 481 4168
KCLX WA Colfax	Nancy Johnson	Billings, MT	* 430
KCLX WA Colfax	Tim Hall	Jasper, AB	+ 417
KONP WA Port Angeles	Esa Hänninen	Lemmenjoki, Finland	4217
KONP WA Port Angeles	LEM96	,	Tie) 4217
KONP WA Port Angeles	Shawn Axelrod	Swan River, MB	* 1017
KONP WA Port Angeles KONP WA Port Angeles	Tim Hall Tim Hall	Lynn Canal, AK Crater Lake Rim Village, OR	# 868 + 364
KAYE WA Puyallup	John Johnson	Sheridan, WY	* 753
KSUH WA Puyallup	Tim Hall	Jasper, AB	+ 436
WZAC WV Madison	Barry McLarnon	Ottawa, ON	593
WWBB WV Madison	Steve Francis	Alcoa, TN	+ 197
WHNK WV Parkersburg	Barry McLarnon	Ottawa, ON	+ 512
WHNK WV Parkersburg KFIZ WI Fond du Lac	Russ Edmunds Morris Sorensen	Blue Bell, PA	* 338 1055
Kriz vvi ronu uu Lac	MIOTITS SOLETISEII	Leaf Rapids, MB	1033

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KFIZ	WI	Fond du Lac	John Wilkins	Wheat Ridge, CO	+ 899
WHRY	WI	Hurley	Barry McLarnon	Ottawa, ON	* 694
WHRY	WI	Hurley	Tim Hall	Madison, WI	+ 234
WDLB	WI	Marshfield	Russ Edmunds	Blue Bell, PA	* 821
WDLB	WI	Marshfield	Barry McLarnon	Ottawa, ON	+ 702
WPEP	WI	Park Falls	Ernie Wesolowski	Omaha, NE	431
WRCO	WI	Richland Center	John Johnson	Sheridan, WY	* 829
WRCO	WI	Richland Center	Jeff Falconer	Clinton, ON	+ 444
KBBS	WY	Buffalo	Olle Alm	Abisko, Sweden	4167
KBBS	WY	Buffalo	Morris Sorensen	Winnipeg, MB	* 590
KBBS	WY	Buffalo	Carl Dabelstein	Omaha, NE	+ 586
KVOW	WY	Riverton	Olle Alm	Abisko, Sweden	4281
KVOW		Riverton	Mike Sanburn	Bellflower, CA	* 820
CBWI	AB	Grande Cache	Tim Hall	Jasper, AB	82
CKYR	AB	Jasper	Shawn Axelrod	Winnipeg, MB	928
CBKS	BC	Cache Creek	Tim Hall	Ellensburg, WA	267
CHET	BC	Chetwynd	Frank Merrill	Nenana, AK	$\frac{207}{1110}$
CHBV	BC	Houston	Esa Hänninen	Lemmenjoki, Finland	3841
CBKA	BC	Stewart	Tim Hall	Ketchikan, AK	193
CKSP	BC	Summerland	Nancy Johnson	Aberdeen, WA	* 263
CHOR	BC	Summerland	Tim Hall	Jasper, AB	+ 236
CBG	NF	Gander	Olle Alm	Göteborg, Sweden	2694
CFAB	NS	Windsor	UK DXPedition	Sheigra, Scotland	2604
CFAB	NS	Windsor	Jean Burnell	St. John's, NF	* 576
CFJR	ON	Brockville	Charles Reh	Leamington, ON	386
CFJR	ON	Brockville	Marc DeLorenzo	Hyannis, MA	+ 308
CHUC	ON	Cobourg	MB DXPedition	Valhalla Beach, MB	987
CHUC	ON	<u> </u>	Steve Francis	Alcoa, TN	+ 642
CKDR4		Cobourg Ear Falls	Niel Wolfish		186
CRDR4 CBGA4				Winnipeg, MB	454
CHEF	-	Cranby	Barry McLarnon Esa Hänninen	Ottawa, ON	3560
CHEF	QC	Granby	MB DXPedition	Lemmenjoki, Finland	* 1175
CHEF	QC OC	Granby Granby	Russ Edmunds	Arnes, MB Blue Bell, PA	+ 381
CHOU	QC	Montreal	Jeff Falconer	Clinton, ON	* 406
CHOU	QC	Montreal	Russ Edmunds	Blue Bell, PA	+ 378
CBMA	~	Noranda	Morris Sorensen	· ·	+ 378 78
	QC			Kirkland Lake, ON	
CHRT	QC	StEleuthere	Joe Kureth	Uniontown, MD	665
XEYZ		Aguascalientes	Tim Hall	20 mi W of Puerto Vallarta, Jal	227
XESS		Ensenada	Richard E. Wood	Hilo, HI	# 2524
XESS		Ensenada	Mike Sanburn	Bellflower, CA	165
XEARE		Ojinaga	Jim Boehm	San Antonio, TX	362
XEBP	DU	Gomez Palacio	Tim Hall	MM 210 on I-10, TX	377
XETD		Tecuala	Jim Boehm	San Antonio, TX	655
XEJM	NL	Monterrey	Tim Hall	Houston, TX	414
XENA	QE	Queretaro	Richard E. Wood	Keaau, HI	3528
XECU		Los Moches	Tim Hall	Chula Vista, CA	681
XECU		Los Moches	Tim Hall	Lynn Canal, AK	# 2600
XECU		Los Moches	Tim Hall	Chatham Sound, BC	* 2267
XEDJ		Magdalena	Tim Hall	Chula Vista, CA	385
XECB		San Luis Rio Colorado		Wheat Ridge, CO	736
XECM	TA	Ciudad Mante	Jim Boehm	San Antonio, TX	463
XERDO		Villa Hermosa	Tim Hall	Fort Stockton, TX	471
XEPY	YC	Merida	Don Trelford	Runaway Bay, JMC	823
VSB1	BD	Hamilton	Esa Hänninen	Lemmenjoki, Finland	4179
VSB1	BD	Hamilton	Jean Burnell	St. John's, NF	* 1234
HJNL	CO	Manizales	NF DXPedition Team #2		3185
YVKJ	VE	Catia la Mar	NF DXPedition Team #2		2644
CMJF	CU	Cd Amancio R	Shawn Axelrod	Orleans, ON	1714
BED48	TWN	I Kaohsiung	Pete Taylor	Hong Kong	391

[·] Manitoba DXPedition = [Shawn Axelrod, Wayne McRae]

[·] Newfoundland DXPedition #2 = [Jean Burnell, Mark Connelly, Bruce Conti and Neil Kazaross]

[·] UK DXPedition = [Steve Whitt, Mark Hattam, Clive Rooms]

[·] LEM96 = [Mika Makelainen and Jorma Mantyla]

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