

AM Switch

Info to David Yocis – 1245 13th St. NW #105, Washington DC 20005 – NRCDXNews@gmail.com

As usual, we begin with the latest official changes from the FCC.



CALL CHANGES

- 670 KWXI AR Glenwood – Call change to KHGZ.
- 950 WGOV GA Valdosta – Call change to WGUN.
- 1010 WGUN GA Atlanta – Call change to WTZA.
- 1050 WCVX OH Cincinnati – Call change to WGRI.
- 1160 WQRT KY Florence – Call change to WCVX (silent station).
- 1370 WBZH PA Pottstown – Call change to WPAZ (silent station).
- 1580 WNEW MD Morningside – Call change to WJFK.

ON THE AIR

- 680 WA2XPA PR Arecibo – CP for U1 400/570 is on the air.
- 740 KBRT CA Avalon – Granted “program test authority” for CP to move CoL to Costa Mesa CA, power to U4 50000/190.
- 1170 WAVS FL Davie – CP to adjust pattern is on the air.
- 1330 WKTA IL Evanston – CP for U4 5000/110 is on the air.
- 1430 WEEF IL Deerfield – CP for U4 1600/750, CoL changing from Highland Park IL, is on the air.

GRANTS FOR NEW STATIONS

- 1470 CP AK Anchorage – CP granted for new station with U1 10000/10000.
- APP AK Soldotna – Competing application for new station (with U1 1000/1000) dismissed.
- 1630 WX1CFA NJ Lakeside – Granted application for an experimental station to test “Crossed Field Antennas” for digital broadcasting. Will mainly broadcast on 1630, but also may broadcast on 1640 (in the unlikely event that the longstanding application for a station in Toms River NJ on 1620 kHz is ever granted) or 1720 (to show that the antenna works on frequencies other than the design frequency, for cases of multiple stations at a single site). Power is not stated, but appears to be under 100 watts.

CONSTRUCTION PERMITS GRANTED FOR EXISTING STATIONS

- 1430 WCWC KY Williamsburg – Granted CP for U1 4600/31.
- 1520 KKXA WA Snohomish – Granted CP for U6 50000/50000 (i.e., increasing day power resulting in two different patterns, one for day, one for critical hours and night, all with 50 kW).

APPLICATIONS FOR CONSTRUCTION PERMITS

- 1240 WFOY FL St. Augustine – Applies to increase tower height, drop power to U1 500/500.
- 1420 WAOC FL St. Augustine – Applies for U1 2000/230 (co-located with WFOY).

SPECIAL TEMPORARY AUTHORITY (STA)

- 1240 KALY NM Los Ranchos de Albuquerque – Applies for STA to move temporarily to an adjacent site (old KKNS-1310 tower) remaining U1 1000/1000.
- 1330 WELW OH Willoughby – Granted STA for U1 125/10; one of four towers collapsed.

Applications to extend STAs were received from KPAM-860 Troutdale OR (unstated); WELI-960 New Haven CT (U1 5000/1250); KZZB-990 Beaumont TX (unstated); WLRO-1210 Denham Springs LA (night pattern at variance); WIEL-1400 Elizabethtown KY (temporary site); and KKMP-1440 Garapan-Saipan MP (temporary site).

Application to extend STAs were granted for KRMD-1340 Shreveport LA (U1 380/380); and KOTA-1380 Rapid City SD (U1 5000/1250).

SILENT STAS AND SILENT STATION NOTIFICATIONS

- 580 KZMX SD Hot Springs – Applies to extend silent STA; silent since 5/6 due to inability to find qualified staff.
- 880 KJOZ TX Conroe – Applies for silent STA; silent since 12/31 to address significant technical issues.

- 1080 WALD SC **Johnsonville** – Applies to extend silent STA “to complete repairs and adjustments”; silent since 5/25.
- 1130 WEAJ SC **Camden** – Applies for silent STA; silent since 1/15 for “antenna system and equipment upgrade.”
- 1210 WDGR GA **Dahlonega** – Applies for silent STA; went silent again 1/21 due to transmitter failure (after returning to the air 1/18).
- 1490 WTQS SC **Cameron** – Applies to extend silent STA “to complete repairs and adjustments”; silent since 5/18.

Canadian news (via Shawn Axelrod and Dan Sys):

- 790 CFNW NL **Corner Brook** – Granted CP to move to 96.7 MHz FM; will surrender AM (corrects typo from last week, sorry!).
- 1220 APP ON **St. Catharines** – Application for new station denied; would have replaced the defunct CHSC.
- 1240 CBXX AB **Rainbow Lake** – LPRT granted CP to move to 101.5 MHz FM.
- 1450 CBWI AB **Grand Cache** – LPRT granted CP to move to 92.3 MHz FM.
- 1460 CBKC AB **Fort Vermilion** – LPRT granted CP to move to 105.1 MHz FM.
- 1540 CBXD AB **Edson** – LPRT granted CP to move to 95.3 MHz FM.
- 1560 CBKD AB **High Level** – LPRT granted CP to move to 99.5 MHz FM.

The CBC seems to be making good progress towards its goal to completely move its AM LPRT (low-power relay transmitter) network to FM by 2015.

And here are NRC AM Log updates from Wayne Heinen:

- 600 WBOB FL Jacksonville – Networks: add CBS news, delete ABC.
- 950 WGUN GA Valdosta – Format to SS:MEX (was UC:AC); slogan to “El Lobo 950” (was “Magic 95”).
- 970 WFLA FL Tampa – Drops // W290BJ-105.9. (TK)
- 1010 WTZA GA Atlanta – Format to UC:OLD (was TLK); slogan to “Old School 1010”; delete all networks.
- 1020 WRIX SC Homeland Park – Slogan to “The Power of the Gospel.”
- 1150 KZNE TX College Station – Networks to CS/Jr/Tx (was FSR/Tx).
- 1220 WSLM IN Salem – Format to Rock/OLD (was C&W/FARM); slogan to “The Bird”; // WSLM-FM-97.9.
- 1230 KBCQ NM Roswell – Adds // K223BH-92.5.
- 1230 WXCF VA Clifton Forge – Format to C&W (was GOS); slogan to “103.5 Big Country”; networks to DG (was USA/Vn).
- 1240 KJAA AZ Globe – Format to OLD (was silent); slogan to “Jukebox 1240”; delete networks; delete group //The Voice.
- 1240 WSFC KY Somerset – Format to SPT (was TLK/SPT); networks to Ky/FSR/MRN (was Ky/Mt/P/B/FSR/MRN).
- 1240 KFMO MO Park Hills – Adds CBS Sports (was YSR).
- 1250 WNEM MI Bridgeport – Format to REL (was NWS/TLK); slogan: “Ava Maria Radio”; drops DG/DR networks.
- 1270 WAIN KY Columbia – Networks to CS (was FSR).
- 1280 WANS SC Anderson – Format to SPT (was TLK/SPT); networks to SCn/FSR (was SRN/SCn/FSR).
- 1330 WBTM VA Danville – Format to Rock/OLD (was NOS).
- 1340 KYNS CA San Luis Obispo – Format to NWS (was TLK); slogan to “SLO Radio News.”
- 1340 WKEY VA Covington – Slogans to “True Country” and “103.5 Big Country”; adds // W278BF-103.5.
- 1360 KLYR AR Clarksville – Add slogan “True Country.”
- 1380 KSRV OR Ontario – Format to OLD (from Feb 15) (was C&W); drop slogan “The Bull.”
- 1400 KCOG IA Centerville – Format to Rock/OLD (was REL:AC); drop USA network.
- 1450 KWEI ID Notus – Format to SS:SPT (was SS:MEX); networks to ESPD.
- 1450 WKLA MI Ludington – Drops // W224CA-92.7.
- 1470 WJDY MD Salisbury – Format is SPT (never became comedy); networks remain FSR/Jr.
- 1480 WQTM NC Fair Bluff – Adds slogan “Myrtle Beach Vacation Radio.”
- 1530 WMCE PA North East – Adds slogan “Greatest Hits 88.5”; // WMCE-FM-88.5.
- 1560 WBOL TN Bolivar – Format to OLD (was UC).
- 1580 WJFK MD Morningside – Format to SPT (was NWS); Delete slogan “1580 GOV” Networks: CS/Jr (was A/P).

Wayne’s thanks to Shawn Axelrod, Bill Hale, IRCA’s DX Monitor, DX MidAmerica, Fred Vobbe, and (TK) Terry Krueger.

Domestic DX Mike Brooker patri1818@yahoo.com
Digest – East 99 Wychrest Avenue
 Toronto, ON M6G 3X8 CANADA
 U.S./Canadian Loggings from Eastern/Atlantic Time Zones. All ELT.

REPORTERS

- BC-NH **Bruce Conti, Nashua** – Excalibur SDR, MWDX-5, variable termination SuperLoop antennas northeast and south.
- AD-MA **Allan Dunn, Gardner** – Winradio WR-G31DDC, 100' random wire into 9:1 impedance transformer.
- HF-MI **Harold Frodge, Midland** – R8B, 85 ft. RW & 180 ft. center-fed RW
- TF-NH **Tony Fitzherbert, Campton** – Grundig S350, Grundig AM loop
- TLK-FL **Terry Krueger, Clearwater** – JRC NRD535; ICOM IC-R75; Hammarlund HQ-180A; Sony ICF-7600GR; Sangean PR-D5; Aqua Guide 705 RDF Marine Radio; GE Superadio III; JPS NF-60 Notch Filter; JPS ANC-4 Noise Phase; roof dipole; room random wire; Terk Advantage non-active portable loop.
- JJR-MI **John J. Rieger, L'Anse** – Grundig Satellite 750
- MKB-ON **Mike Brooker, Toronto** – Grundig G5, Grundig YB-400PE, Sony SRF-39FP, Panasonic RF-2200 (receiver emeritus)

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UNID

- 940 UNID -- - 1/25 2111 – Poor with assortment of oldies: “How Do You Do” by Mouth and McNeil, “Magnet and Steel” by Walter Egan, then lost under CJGX. I am 99 44/100% sure this was KMER Kemmerer, WY as I cannot think of anything else remotely close. Still, not good enough. Owned by Cumulus, my guess is Cumulus feed for Classic Hits, which 97.7 WOLV runs up here. These songs would fit format. (JJR-MI)
- 1370 UNID -- - 1/22 2043 – Someone with FOX Sports Radio low in the mix of others. Never could get a hook on which one this could be. (TLK-FL)
- 1710 UNIDs -- - 1/28 0012 – Two stations in SS mixing; one is lite music, both EE and SS, with SS announcer, other station is all SS talk. (HF-MI)

LOGGINGS



- 570 CKGL ON **Kitchener** – 1/25 0713 – Poor, in and out with WNAX, mention of “... in downtown Kitchener” and slogan “570 News.” (JJR-MI)
- 600 WICC CT **Bridgeport** – 1/21 1003 – ABC news about suing Subway because their subs are not 12 inches long, as advertised. “WICC covers all the news and your family needs.” Had to use USB to minimize WTAG IBOC noise. (AD-MA)
- WCAO MD **Baltimore** – 1/27 0000 – Good over R. Rebelde Cuba; “Live from the Antwerpen Security Nissan studios, you’re listening to your Stellar Award winning station, WCAO Baltimore, Heaven 600 and heaven600.com,” and gospel music. (BC-NH)
- 630 WEJL PA **Scranton** – 1/22 1625 – ESPN feed, talk about the Eagles, “... and 1240 Radio” ID for // WBAX-1240, Sears ad, back to ESPN. Weak signal, no WPRO. (TF-NH)
- 640 WHLO OH **Akron** – 1/22 1704 – Weak signal with Fox News, ad for J.D. Powers’ Quicken Loan, “Newstalk 640 WHLO” ID into local news, and “learn more about ... on WHLO” station promo. (TF-NH)
- 670 WIEZ PA **Lewistown** – 1/22 1634 – Atop frequency with ads for Dish Satellite, Michael’s Sales and Service in downtown Lewistown, disclaimer: “The views expressed on this program do not reflect the views of staff and management of WIEZ,” into Sean Hannity. (TF-NH)
- 770 WAIS OH **Buchtel** – 1/26 2327 – Weak C&W under WABC, occasional fair peaks, finally caught local weather and call letter ID at 0004. Listed as a daytimer. (HF-MI)
- 800 CJBQ ON **Belleville** – 1/22 2025 – Classic C&W with enthusiastic DJ, PSA for “Turn to Help.com,” more country music, CJBQ by information in the NRC Log. (TF-NH)

- CKLW ON Windsor – 1/22 2025 – Clark Howard Show, Windsor news, “AM 800 Weather Center” weather, “Information Station” slogan. Good signal mixed with C&W from CJBQ; CJAD usually dominates this frequency at night. **(TF-NH)**
- 830 WEEU PA Reading – 1/28 1908 – Over CHAM-820 slop with local sports talk show, “610-374-8800 ... we’ll talk Sixers, Flyers, ...,” which kind of rules out WCCO. **(MKB-ON)**
- 840 WKTR VA Earlsville – 1/28 0500 – Over WHAS; ToH ID: “This is WBNN-FM Dillwyn, WKTR Earlsville, and W256BY Charlottesville, Big Country 105.3 and 99.1,” and C&W music. **(BC-NH)**
- 900 WILC MD Laurel – 1/22 2121 – Presumed with EZL SS vocals, only Spanish format on 900 within 500 miles of here. WILC’s pencil thin night 500 watt pattern goes directly west. **(TF-NH)** WJWL is also Spanish – DY.
- CKBI SK Prince Albert – 1/24 2100 – Poor but steady with C&W, “900 CKBI a ... radio station” ToH ID. No CHML. **(JJR-MI)**
- 940 WINZ FL Miami – 1/27 0000 – Fair over WMAC; “940 WINZ Miami-Fort Lauderdale, the new home for Miami Dolphins football, we are the Sports Animal,” and Fox sports. **(BC-NH)**
- 950 WKDN PA Philadelphia – 1/28 0400 – Over/under WBES; phone number and web address, “Family Radio, your station for traditional Christian music,” ex-WPEN sports. **(BC-NH)**
- CFAM MB Altona – 1/24 2050 – Good almost at times with “Classics till Dawn” show, ad mentioning Christian ??? (business name), call letter ID into more music at 2100, then lost to WWJ. **(JJR-MI)**
- 960 WELI CT New Haven – 1/21 1024 – Talk show discussing gun control. “960 WELI” ID heard. Weak, but no sign of local WFGL. **(AD-MA)**
- 980 WOFX NY Troy – 1/28 1345 – Fair under WCAP with Fox Sports. “Thanks for listening in Albany” noted. **(AD-MA)**
- 1010 CBR AB Calgary – 1/25 0837 – Fair and steady with mention of “on the Calgary eyeopener ...,” sports report with CBCsports.ca web promo and mention of “local sports writer here in Calgary.” Rarely in this well! **(JJR-MI)**
- 1030 WONQ FL Oviedo – 1/23 2012 – Mostly big nearly local signal with Haitian kreyòl female hosting finance/tax filing brokered program. Fast male accented and canned “WONQ Oviedo” ID at 0100. Program ended just before 0100, but continued with Hai-kre programming of mostly kompa music. **(TLK-FL)**
- WBZ MA Boston – 1/23 2048 – Weakly fading up with local newscast with male announcer, “WBZ weather ... 20’s” Laugh, but this is the first log of WBZ for me from Clearwater, where almost everything upper coastal Eastern Seaboard is nearly impossible to hear from west coast Florida. WONQ co-channel also a problem. **(TLK-FL)**
- 1040 CJMS QC Saint Constant – 1/21 2246 – Good over WHO. Announcer in FF with several mentions of CJMS. **(AD-MA)**
- 1110 WCCM NH Salem – 1/28 1403 – Fair with Massachusetts talk (i.e. local talk show) over weak ethnic music. **(AD-MA)**
- 1180 WXLA MI Dimondale – 2/1 1815 – Presumed under nulled WHAM, running day power, with instrumental NOS music, “we’re the station for America’s best music” slogan. Did they forget to sign off? **(MKB-ON)**
- 1190 CFSL SK Weyburn – 1/25 0722 – Poor with slogan “today’s hits and all time country favorites ... AM 1190,” DiscoverWeyburn.com website promo, local weather and road conditions. **(JJR-MI)**
- 1230 WKLK MN Cloquet – 1/25 2124 – Poor in fade up over assumed WSOO with “AM 1230 WKLK” ID into nostalgia songs. **(JJR-MI)**
- KGHS MN International Falls – 1/24 1954 – Poor with Beatles, Cars, Rolling Stones, etc. 60s/70s/80s songs. Call ID finally noted amid many fade-ins and fade-outs. **(JJR-MI)**
- KTRF MN Thief River Falls – 1/24 2143 – Poor with mention of “coverage ... right here on KTRF.” Hockey or some kind of sports promo. **(JJR-MI)**
- 1240 WJON MN St. Cloud – 1/25 2105 – Poor with station ID during break in Minnesota Wild hockey game. **(JJR-MI)**
- WIOV PA Reading – 1/27 0100 – Surfaced with ID, “You’re listening to CBS Sportsradio ... AM 1240 Reading, and FM 98-5 ... W253AC, CBS Sports Radio,” ex-ESPN. **(BC-NH)**
- WJMC WI Rice Lake – 1/24 1900 – Alone in fade-up with end of “Domino” by Van Morrison, ToH legal ID by woman into CBS news. **(JJR-MI)**

- 1250 WDDZ PA **Pittsburgh** – 1/22 2144 – In mix with WDVA’s Black gospel, “Radio Disney in Pennsylvania” slogan, rock music and Disney’s usual annoying shrill prepubescent announcers. (TF-NH)
- WDVA VA **Danville** – 1/22 2144 – Black gospel music with female DJ talking about Jesus and the Blood of Christ, no ID but only station on 1250 with that format according to NRC Log. (TF-NH)
- 1270 CJCB NS **Sydney** – 1/26 2012 – Weak signal with classic country music, CJCB jingle between songs, “one great song after another, CJCB” slogan into more C&W. (TF-NH)
- 1290 CJBK ON **London** – 1/26 2022 – Belleville Bulls v. London Knights OHL hockey play by play, at end of game mentioned “flagship station is CJBK London,” ads for Meridan Therapy for hockey injuries, Smoothies from Orange Julius, and Doctor ?, as signal faded. Very surprised to hear this tight directional north pattern from the eleven-tower CJBK site, which I visited some years back. (TF-NH)
- 1310 WCCW MI **Traverse City** – 1/25 0754 – Presumed with “AM 1310 the Score” slogan noted in passing, upon tune in. (JJR-MI)
- 1330 WTRX MI **Flint** – 1/29 2001 – Over usual pest WFNN with ID during break in Detroit Pistons NBA game v. Milwaukee Bucks: “... all the Pistons action on 1330 WTRX.” (MKB-ON)
- CJYM SK **Kindersley** – 1/24 1942 – Poor with “... on 1330 CJYM, Classic Hits Radio” slogan into “Mexico” by Edward Bear. (JJR-MI)
- 1350 WIOU IN **Kokomo** – 1/31 1814 – In fight with other sports talkers in Akron, OH and York, PA (WARF, WOYK respectively) with ad for Kokomo Auto World into ESPN sports, from Radio Row at Super Bowl XLVII. (MKB-ON)
- 1370 WCOA FL **Pensacola** – 1/22 2042 – Mark Levin audio bubbling up over WTAB briefly, which turned out to be WCOA per their website. Male canned “WCOA, Pensacola, a Cumulus radio station” ToH ID. Very good bottom-of-hour with local news once the PR-D5 portable was pointed that way. (TLK-FL)
- WLJW MI **Cadillac** – 1/24 1754 – Poor with mention of “support for Ava Maria Radio” and “WLJN” ID. // WLJN-1400. (JJR-MI)
- WTAB NC **Tabor City** – 1/22 1936 – Traditional C&W/Bluegrass gospel vocals, all quite refreshing from usual fare on the dial. Live, older-sounding male DJ, “We’ve got oldies ... WTAB” Another live ID “... WTAB, great gospel music” Not-so-Christian Brooks & Dunne “Missing You” (co-written by John Waite), ad for Carolina Cash Five lottery. Listed as 5000/109, but surely not powered down. Audio stream at <http://wtabradio.com/> a few seconds behind, but at least they stream. And what a quaint little studio building photo on the URL. Located on the South Carolina border. My local 1380 WWMI “Radio Disney” St. Petersburg IBOC that is 24/7 seemed off at first, but yet seemingly traces of it on the top end of 1380, so IBOC Lite? (TLK-FL)
- +++ - 1/27 0100 – Fair; weather from the North Carolina News Network, “AM 1370, the Twin Cities station, WTAB Tabor City-Loris.” (BC-NH)
- 1380 WABH NY **Bath** – 1/27 2028 – In strong with ad for Finger Lakes Spa. “ESPN Radio Sports Giant” slogan, AccuWeather forecast. (AD-MA)
- 1390 WAJD FL **Gainesville** – 1/22 2036 – “Stand By Me” male vocal cover, but not the classic Ben E. King one, into black gospel-sounding vocal. Male canned, “WAJD, Gainesville” ID at 0142 and “Gainesville’s Motown and R&B Connection ...” slogan at 0148. Listed as 5000/51, but were they actually running 51 watt night power? Wiki needs to update, not only to “active” status, but also the format: <http://en.wikipedia.org/wiki/WAJD>. (TLK-FL)
- 1400 WVAE ME **Biddeford** – 1/25 1621 – Amid deep fades with talk show dispensing advice about credit cards, relationships, and whether one caller should go to seminary, finally “... and 1400, Advice for Life” before fading back into the mush. (TF-NH)
- 1430 CHKT ON **Toronto** – 1/26 2200 – Way atop with ID and disclaimer: “AM 1430 CHKT, Fairchild Radio, the opinions expressed here do not reflect those of Fairchild Radio, CHKT,” into the “Thai Program.” (TF-NH)
- 1450 WDLB WI **Marshfield** – 1/26 0823 – Poor with “weather eye ... on 1450 WDLB” local weather, 2 degrees, high of only 12, local sports report. (JJR-MI)
- 1460 KLTC ND **Dickinson** – 1/24 1750 – Poor with ABC news, promo for Minnesota Twinsfest, local ads with 701 area code, Discover card and O’Reilly Auto Parts national



ads, southwest North Dakota weather, "Classic Country 1460 KLTC" ID. (JJR-MI)

- CJOY ON **Guelph** – 1/24 1835 – Fair in fade-up with ID as "... the Guess Who on C-J-O-Y." Lost to KXNO. (JJR-MI)
- 1480 WPWC VA **Dumfries-Triangle** – 1/28 0500 – Good over WSAR; "You're listening to WPWC React Radio, 1480 AM, reactradio.com," and techno music. (BC-NH)
- 1490 WTIQ MI **Manistique** – 1/24 1926 – Poor in fade-up with mention of "in downtown Manistique ...," ad for Paul's Plumbing and Appliances. (JJR-MI)
- WKVT VT **Brattleboro** – 1/21 0949 – Talk of Vermont commuting. Ad for Mt. Snow ski resort. Fair with minimal QRM. (AD-MA)
- 1520 KOKC OK **Oklahoma City** – 1/26 0735 – Poor in absence of usual KOLM with local ads, unusual station promo: "Most programming on KOKC over the weekend is recorded, but we'll have some live" (JJR-MI)
- 1530 WCKY OH **Cincinnati** – 1/21 0938 – Fair to good with basketball talk. Ads for Subway, North Myrtle Beach, Mercedes Benz, Auto Zone. "ESPN Cincinnati Sports" slogan. Unusual daytime skip. (AD-MA)
- 1580 WJFK MD **Morningside** – 1/31 1701 – Presumed under nulled CKDO with CBS Sports Radio talk, promo for Super Bowl XLVII coverage. Ex-WNEW, WPGC. Format flip from federal government and business news as of 1/28. Presumably airs Jim Rome show as well. Call change to match "The Fan" WJFK-FM-106.7 per <http://tinyurl.com/ajqh5eg>. (MKB-ON)
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- WTTN WI **Columbus** – 1/24 1742 – Poor until power down at 1745 with SS ESPN Deportes, same as co-owned WRRD-1510. No CKDO. (JJR-MI)
- CKDO ON **Oshawa** – 1/27 1956 – Good with oldies, "Durham's Classic Hits CKDO" slogan and mentions of 107.7 FM. (AD-MA)
- 1600 WAAM MI **Ann Arbor** – 1/26 2035 – Atop frequency in WUNR mix with station promo "Every Sunday at 5:00pm Ed Hoffman on WAAM News 1600," ads for Pat the Handyman (call 734-260-1158), the UPS Store, and Boogie Woogie Barbeque, then "You're listening to ... y Skillet Show" (not a cooking show, but features classic country r NH)
- KPNP MN **Watertown** – 1/24 1918  Poor, presumed with Hmong chanting by 1 WAAM or KGYM. (JJR-MI)
- 1650 CJRS QC **Montreal** – 1/21 0931 – In strong with local news in French. (AD-MA)
- 1680 WPRR MI **Ada** – 1/21 0925 – Political talk on limiting voting, followed by discussion of Neanderthal genetic code. "Welcome to the big picture." ID confirmed via Google. Strong signal in unusual daytime skip. (AD-MA)
- 1690 CJLO QC **Montreal** – 1/21 2200 – Equal strength with another UNID station, talk by female in EE and male in presumed FF. Mention of CJLO. Quickly faded. (AD-MA)

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

- CK-AZ **Chris Knight, Phoenix, AZ.** Drake R8 and 3 foot azimuth Spiral Loop, Sony ICF-SW7600GR and 7.5" external ferrite loopstick, Eton E-100 "barefoot".
- GH-OK **Glenn Hauser, Enid OK.** DX-398 with internal antenna only; Nissan stock car radio as specified. (Glenn's reports, with extensive commentary, are originally published in *DX Listening Digest*)
- JW-CO **John Wilkins, Wheat Ridge, CO.** Drake R-8, 4-foot box loop.

DX Loggings

- 560 KBLU AZ **Yuma** – 1/31 2205 – Weather forecast by woman announcer (forecast high 74 degrees), "Newstalk 5-60 KBLU" ID, into Dave Ramsey talk program. Local 550-KFYI IBOC nulled. (CK-AZ)

- 600 KCOL CO **Wellington** – 1/31 2258 – Poor under KOGO, but over local 620-KTAR overmodulation spur. ID only: “News radio for Northern Colorado ... KCOL.” (CK-AZ)
- 720 KSAH TX **Universal City** – 1/18 0859 – “ESPN Deportes” ID, cut off for 0900 legal ID in heavily accented English, “KSAH, Universal City,” with WGN nulled. No sign of Jew’s harp music today; later in hour Spanish from presumed XECJC, and no KDWN. (GH-OK)
- 740 KRMG OK **Tulsa** – 1/18 0901 – Claims to be from the “24 hour Fox News center,” but local news about water rationing in OKC as the drought continues, extreme weather. What has Fox to do with local OK news on KRMG? Maybe they just denominate it that for the “prestige.” (GH-OK)
- 780 KSPI OK **Stillwater** – 1/22 0147 – KSPI is again running its 250 watt daytime carrier in the nightmiddle, obviously groundwave steady in null of WBBM, and oppositely audible too is music, no doubt newish KCEG in CO, allegedly 720 watts at night, but enough no doubt to prevent Pueblans from accessing any news radio from Chicago. KCEG is even better after 0200 as the KSPI OC helps to keep the QRN/QRM level down. (GH-OK)
- 810 KLVZ CO **Brighton** – 1/20 0130 – Gospel music from NW/SE, and not much competition from WHB to the NE; 0137 “Glorifying his name, Victoria’s KLVZ, where love lives.” Victoria? Texas? Across the Strait of Juan de Fuca or Puget Sound from BC in Washington? No, KLVZ is in Brighton, Colorado, and the slogan matches in the NRC AM Log, address in Aurora, U4 2200/430 watts. The “Victoria” was pretty clear, but I don’t know of any such place around Denver. There is a Victor CO near Cripple Creek. Googling around, I find posts on <http://www.denverradio.net> at the end of July 2011, that its Spanish format was ending, and referred to having started as “Radio Victoria” on 1220. So apparently that slogan lives on in English. BTW, KLVZ is licensed to KLZ Radio (560). I see the similarity. KBRN was the original Brighton station, on 800 and IIRC daytimer only, but sometime attained fulltime by shifting to 810. KLTT of course is now the 50 kW on 670. (GH-OK)
- 810 WMGC TN **Murfreesboro** – 1/22 0155 – Novelty song in Spanish, 0657 “La Sabrosita 810, Radio Rama,” more music. Mexican loops E/W so must be very close to the border west of here. But none of the XEs on 810 have that slogan according to Cantú, IRCA and WRTH. Of two RAMA group stations, 1 kW XESB in Santa Bárbara, Chihuahua is well-positioned, but it’s a Radio Mexicana (BTW, 810 bears 15 Mexicans, second only to 1340 with 17; why? So much for once clear-channel XEFW Tampico, whose 50 kW day must plummet to 1 kW night). So I google on “Sabrosita 810” and that goes immediately to WMGC in Murfreesboro TN! <http://www.lasabrosita810am.net/inicio.html>, where there isn’t much except a UStream link. NRC AM Log confirms that slogan, 24 hours, but only 6 watts at night! Yeah, sure, 5 kW day power is more like it, or maybe 500 watt PSRA power. FCC AM Query on the PSRA shows a complex schedule, with 500 watts applying only to certain segments after 6 am local, otherwise 10 or 16 watts, all in deference to WGY. Presumably RAMA would not apply to WMGC, so maybe that is not the acronym I heard. (GH-OK)
- 970 WDAY ND **Fargo** – 1/30 0722 – Program note, call letter ID, then weather, with a wind chill advisory (-30); a couple of news items from neighboring Minnesota followed. Fair in the group. (JW-CO)
- 980 KDSJ SD **Deadwood** – 1/30 0752 – Slow choral version of Star Spangled Banner; sign-on by man at 0755: “Welcome to another broadcast day on Solid Gold 98 KDSJ ...”; weather forecast was next, with a wind chill warning for the area. Fair, mixing with KMBZ. (JW-CO)
- 1010 KXXT AZ **Tolleson** – 1/24 0759 – As I tune in just before 0800 legal ID in English as “KXXT, Tolleson-Phoenix.” Is “15000/250” watts, and this is still more than an hour before sunrise. (GH-OK)
- 1060 KRCN CO **Longmont** – 1/31 2157 – Good signal in local KDUS null, ad for “Legalzoom,” legal ID for 1060-KRCN and 1580-KREL Colorado Springs, into ABC news. Likely on day power. (CK-AZ)
- 1190 WOWO IN **Fort Wayne** – 1/30 0759 – ID as “NewsTalk 1190 wo-wo” and a mention of 92.3 FM. Not much else readable. This is the only Indiana signal heard here on a regular basis. (JW-CO)



- 1270 KDJI AZ **Holbrook** – 1/25 1959 – One or two program notes, then dual legal ID: “We are White Mountain Radio 970 KVWM Show Low and 1270 KDJI Holbrook,” followed by Fox News. Fair in QRM. (JW-CO)
- 1340 KTMM CO **Grand Junction** – 1/21 0159 – Fair signal above mess. Legal ID for 1340 KTMM and 1490 KNAM in Silt. “CBS Sports” mention and “The Team” slogans. (CK-AZ)
- 1400 KSHP NV **North Las Vegas** – 1/28 0759 – Legal ID by male voice at 0759:54: “... right here on AM 1400 KSHP North Las Vegas”; USA news followed. Barely atop QRM. Not common here. (JW-CO)
- 1600 KIVA NM **Albuquerque** – 1/27 2330 – Good peak. Promo for “Rachael (Ray) On The Radio” program, ID: “The Rock of Talk, 16 hundred KIVA.” QRM from possible KAHZ (Asian lang.). Heard on the Eton. (CK-AZ)

TIS/HAR

- 530 TIS OK **Enid** – 1/18 0123 – The Enid area has a brand-new surprise radio station, a TIS/HAR, cycling two PSAs over and over, Smoky Bear vs. wildfires, and sad story of Sarah Watkins, for <http://dontalmostgive.org>. Same PSAs cycle over and over. It’s a steady obviously groundwave signal, looping slightly E/W of due N/S, with Cuba still audible in its null. No ID on half hour or full hour at 0200. Strength and angles indicate it’s obviously coming from somewhere on the base (Vance AFB). A Mr. Paul Schillo, a civilian at Vance AFB, says it’s a TIS with 10 watts, range maybe 5-10 miles. Purpose? “Put on the air at the request of the base for additional communications capability for base leadership,” also to communicate with truckers making deliveries, and people off-base. (GH-OK). Glenn’s complete report on the station, including his efforts to get more information on the station are worth reading. See *DX Listening Digest* # 13-04. (JDT-WA)



UNID

- 900 UNID -- 1/18 0149 – Screaming gospel in Spanish, loops N/S with SAH. I sure hope this is not what has become of the once mighty XEW. (GH-OK)
- 1510 UNID -- 1/19 0815 – Once again there is a low het on low side looping NE/SW, pointing to KCTE Independence MO, but the main sports signal audible on 1510 IDs as WLAC. Just recently I had decided KCTE was back on frequency, so is another one off 1510 now? Or do they maybe have two different transmitters? (GH-OK)
- 1650 UNID -- 1/18 0922 – Spanish talk seems about European fútbol. Hard to DF with the splash from local KOAG 1640, but seems more like El Paso than Denver direction. KBJD Denver is supposed to be religious, and KSVE El Paso is supposed to be “María” romantic music, so neither fits. A fast SAH develops at 0926 and soon overtaken by English, no doubt from resurgent KCNZ in Iowa. (GH-OK)

Correction

In 80-18, I butchered Glenn Hauser’s log of KGWA 960, heard with another of their now-famous dead air periods. The corrected log is:

- 960 KGWA OK **Enid** – 1/11 0100-0105 – Fox-hole of dead air again; only ABC news detected, presumably KMA Shenandoah IA. (GH-OK)

The editor regrets the error.

Various and Sundry

Shawn Axelrod shares a link to a story on some unique and innovating use of the supposedly dying medium of radio. From the CBC Radio program *Under The Influence*, from January 26: <http://www.cbc.ca/player/Radio/Under+the+Influence/ID/2329222735/>.

A small but pithy group of contributions this week. Thanks to all of you. See you next time. (JDT-WA)



International DX Digest

Bruce Conti contiba@gmail.com
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Trans-Atlantic DX

- 1089 **UNITED KINGDOM** *TalkSport* synchros FEB 1 2145 – Good; Jackson 5 “Rockin’ Robin” bumper music and Manchester United football game summary. [Conti-NH]
1134 **CROATIA** *Hrvatske Radio*, Zadar FEB 1 2127 – Good; alternating woman and man, then pop vocals. Strongest pre-sunset TA. [Conti-NH]
1215 **UNITED KINGDOM** *Absolute Radio* synchros FEB 1 2131 – Fair; Toto “Africa.” [Conti-NH]
1548 **KUWAIT** *R.Sarwa*, Kabd-Kuwait City JAN 25 2209 – Very good signal, only slight splash over from 1550 kHz. U.S. and Persian pop tunes, male DJ with quick announcements. [Wood-MA]
1593 **KUWAIT** *R.Free Iraq*, Kuwait City JAN 25 2215 – Fair signal with Arab style music and man in telephone conversation, woman also heard. Not as good as 1548 *R.Sarwa* but still pretty good. [Wood-MA]

Pan-American DX

- 640 **CUBA** *R.Progreso*, two sites JAN 27 1000 – Good; “Radio Progreso, la emisora de la familia cubana,” and salsa music. [Conti-NH]
690 **COLOMBIA** HJCZ *W Radio*, Bogotá JAN 28 1000 – Over *R.Progreso* Cuba; “La W... informativo de la frecuencia modulada, primer lugar de sintonia... La W presenta Julio Sánchez Cristo,” then “...al aire Colombia, W Radio.” Ex-*R.Recuerdos*. [Conti-NH]
750 **CUBA** *R.Progreso*, Palmira JAN 27 0500 – Good; reggae vocal. Jamaica returned to the AM airwaves? No, it’s *R.Progreso* parallel 640 and 690 kHz. [Conti-NH]
760 **CUBA** *R.Progreso*, two sites JAN 28 1002 – Under WJR; “Transmite Radio Progreso cadena nacional de la Habana Cuba,” and chime with time check, “Cinco dos minutos,” and “A Primera Hora” program. [Conti-NH]
780 **VENEZUELA** YVMN *R.Coro*, Coro JAN 27 0600 – Over/under WBBM; *R.Coro* jingle with “patrimonio de la comunidad” slogan, salsa music. [Conti-NH]
840 **HAITI** *Radio 4VEH*, Cap Haitien JAN 27 1000 – Under WHAS; “dashing through the snow” interval signal and a contemporary Christian vocal. [Conti-NH]
880 **CUBA** *R.Progreso*, Mantua JAN 28 1002 – Over/under WCBS and an unID Latin American; chime and “A Primera Hora.” [Conti-NH]
960 **MEXICO** XEK Nuevo Laredo, Tamps. JAN 30 0600 – During the 5-minute Fox-hole of no modulation from local KGWA: mostly ballad music in Spanish, but a bit before KGWA blasts back on at 0605, clearly heard are the 4-descending “XEW” chimes which we have previously matched with XEK. [Hauser-OK]
960 unID JAN 26 0600-0605 – During the Fox-hole of local KGWA with unmodulation: at first echoey ABC news like KMA/KNEB; then 0603-0605, poetic recitation in Spanish with musical background. Don’t think it was ‘Soy Soldado’ super-patriotic spiel which some Mexican stations add to war-mongering national anthem at midnight. [Hauser-OK]
1000 **COLOMBIA** HJAQ *RCN* Cartagena JAN 28 1000 – Fair; time marker and “RCN noticias.” [Conti-NH]
1090 **CUBA** *R.Victoria*, Amancio, Las Tunas – Showing up for moments very sporadically in the local evening hours (say 0000+ UTC) in the 1090 mess, a couple of clear ID’s. David Crawford on the opposing Florida coast was able to replicate. Supposedly 1 kW if anything listed is to be believed. Be aware if no ID, that *R.Cadena Habana* and *R.Guamá* have appeared on 1090 kHz. [Krueger-FL]
1090 **MEXICO** XEFC *Súper Stereo*, Mérida, Yuc. JAN 26 0200 – “XHFC 105 punto 9” male canned slogan often. Usually Spanish ballads, as in few silly Mexi-tunes. Fair-poor-good in a huge jumble of domestics and at least one other Spanish station, maybe even two. Not sure, but this may have been the same definite Mexican here just before 0000-0100 with Mexican hour-long newscast, Central Time checks, mentions of Mexico, Tampico, pesos. Thanks to all the other Florida monitors for logging this a day or two before me as we coordinate monitored 1090 kHz. XEMCA Veracruz state still and always dominates just my pre/post sunrise here though, with Mexi-anthem 1200-ish UTC. [Krueger-FL]
1100 **COLOMBIA** HJAT *Caracol Radio*, Barranquilla JAN 22 2358 – Promo for upcoming sports event, “en Caracol” and net ID. Very briefly fair, then gone on my local post-sunset peak. [Krueger-FL]

- 1140 **CUBA** *R.Rebelde*, multiple sites JAN 28 1000 – Over/under WRVA; “Cinco de la mañana” time check and theme music. [Conti-NH]
- 1350 **CUBA** *R.Ciudad del Mar*, Aguada, Cienfuegos JAN 23 0021 – Slick Cuba-centric newscast hosted by male, some telco remote (mostly) female reporters, mentions of Ciego de Avila, Camagüey and Cienfuegos. Brief sports round-up from 0031, then time check, “en Radio Ciudad del Mar” and back to news items. Very good on sunset greyline. [Krueger-FL]
- 2240 unID JAN 31 1220 – Spanish talk and music, maybe mentioning 1170, but that doesn’t work as a fundamental. Might have been 560 x 4, the only other possibility being 1120 x 2. Anyhow with this format at this time and on an even harmonic, it can’t be 560 WCKL. 1224 the music is really hyper; 1229 weakening; 1232 maybe gospel harmony in the music; fading to JBA at 1237, and JBA carrier with traces of music at 1246 UTC. [Hauser-OK]
- 2910 **MEXICO** XEVT Villahermosa, Tab. JAN 31 1222 – In Spanish it’s actually weaker than 2240 kHz, and has also faded to JBA by 1240 UTC. So I suspect 2240 kHz is also from eastern Mexico or maybe Central America. Another harmonic to chase! [Hauser-OK]

Contributors

Bruce Conti WPC1CAT, Nashua NH; WiNRADiO Excalibur, MWDX-5 phasing unit, 15 x 23-m variable termination SuperLoop antennas 60° northeast and 180° south.

Glenn Hauser, Enid OK; DX-398 with internal antenna.

Terry L. Krueger, Clearwater FL; JRC NRD-535, Icom IC-R75, Hammarlund HQ-180A, Sony ICF-7600GR, Sangean PR-D5, Aqua Guide 705 RDF Marine Radio, GE Superadio III, JPS NF-60 Notch Filter, JPS ANC-4 Noise Phase, 1 X roof dipole, 1 X room random wire, Terk Advantage non-active portable loop.

Steve Wood, Harwich MA; Microtelecom Perseus, 25 x 50 northeast SuperLoop.

73 and Good DX!

Musings of the Members

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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.

Frederick R. Vobbe – 706 Mackenzie Drive – Lima OH 45805 <fvobbe@realoldiesradio.com>

Reading Gary Siegel’s muse about noise got me to thinking about how early on AM was tossed under the bus. When I was the C.E. of WHND-560 Monroe, I had a nice conversation with an engineer at Ford about in dash radios. The issue started when I was talking about how I would often “DX” 560 on the drive into work. Many times I heard WIND, WJLS, KLZ, KLVI, WHBQ, WQAM, WGAN, WFRB, and WEBC, just to name a few. These were all received on a stock radio placed in the 1981 Ford Fairmont. Our news director had purchased a new Ford, and his radio was pitiful. The engineer at Ford was brutally honest in his explanation. Between 1981 and 1984, several modifications were made to the electronics of the car, producing some hideous noise. The solution was to lower the sensitivity of the radio, as the engineer explained, “where you can still get WJR no matter where you are in Detroit.” Today the problem is somewhat the same, but we have to add man-made noise from our environment. There are many spots here in Lima where the two locals disappear from the dial due to electrical noise. One section of a local state highway in town has nearly ¼ mile of overwhelming noise that engulfs the AM band. Newer LED traffic lights and billboards, and electronic devices contaminate reception. The oddest one was my wife’s Sears Kenmore dryer! When I would pull in the driveway I could tell if she was doing laundry. A circuit in the dryer, which detected the dampness of the clothes, would produce a “siren like” sound starting at 1050 KHz and as high as 36 MHz. On 1200 it could be heard 700 feet from the house. At the TV station where I work, we had to dispose of several plasma TVs, which in unison would drown out any signal on 1150 or 1190. The replacement LED TVs were fine. The point I would like to make here is that often we’re hit from two sides. The manufacturers are not really making quality AM radios for the general user. And our environment is getting more and more polluted from noise generated from electronic devices. Sometime this summer I hope to be able to do a story on this for the DX Audio Service, with examples of what I have found.

DX Tool Box

Shawn Axelrod amandx@mymts.net
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 Winnipeg, MB R2N 2X9 CANADA

Improving your DX skills – tips from new and veteran members

Greetings once again from the Heart of the Continent and welcome to the DX Tool Box Column number 47.

This Month's Radio Saying: You can hear them through the Talk but not through the Rock!

Something I Am Trying

I do keep a target sheet in Excel for stations I am trying to hear. You can see a blank copy that you can download at: <http://www.angelfire.com/mb/amandx/forms.html>. My current personal sheet is located at: <http://www.angelfire.com/mb/amandx/shawnlogbook.html>.

The form has the Frequency, Callsign, Location, Slogan, Format, Station Info, Powers used, Best Time to DX the station and the URL for the Audio Feed if there is one. This Excel spreadsheet is easy to work with, making changes to the information or adding or deleting stations a quick process. When I start to DX, I open the sheet up and see if I have a good chance to catch any of the targets listed.

I have been using the sheet for a number of years now and just recently added a little something to the way I use the sheet that might be of help to the readers. With the addition of the URL for the audio feeds to the form, I have created a new folder in the Favorites section in the web browser I use. It can be any browser you like Internet Explorer Firefox, or Chrome etc. This new folder I have named BCB Targets. Inside the folder I have put quick links (favorites) to the audio feeds for my target stations. I often rename the feeds to be just the callsign and frequency of the station to keep it simple.

If I think I might have a copy on a targeted station I go to the computer and call up the audio feed from the Favorites to do a quick comparison. Now you have to remember these on line or web feeds are out of sync with what the you will be hearing on the radio by anywhere between 5 and 30 seconds in my experience. This means you have to remember a bit about what the radio just received and what you will hear on the computer. This does make for a quick and easy way to see if you really do have what you have targeted or just another station on the frequency.

This is just another tool in the DX Tool Box for you to have and to use to catch another new one.

SDR Loggings and Tips Received:

A reader has a correction from the last column: Hi Shawn, Just a correction to your column of 14 January's edition. The log for 1710 "WQFC689" is off by a letter which is why the DX'er could not find it. It is actually WQFG689 on 1710 and it is in the database here: <http://wireless2.fcc.gov/UlsApp/UlsSearch/license.jsp?licKey=2826342>. 73 Al Muick Whitehall PA.

Bits and Bites from the NRC listserv:

From: Ira Elbert New III ien3W@hotmail.com

Subject: Numbers Stations

<http://www.youtube.com/watch?v=RjbwvpskgzI>. This link might be of interest to those of you who DX numbers stations: <http://www.numbersoddities.nl/profiles.html> -Paul Swearingen, Topeka

From: Shawn Axelrod amandx@mymts.net

Subject: Caribbean Central America List?

Anyone have a web site for AM and or FM stations in the Caribbean and or Central America?

This Month's DX Tool Box Web Site is:

Shortwave Radio Index located at: <http://swling.com/db/>

This site has a large variety of radios listed from Portables to Table Tops to SDR's to Kits and Professional units. As you choose the type of radio you are interested in, a list will appear with various models for you to read up on. The info will include specs on the units manufacture web links even reviews and retailers. Interesting reading without subjective comments on each unit makes the site more unique than just reviews. It is a bit of a one stop shop for basic information on some of the most common and some not so common radios.

73 for this time Shawn

Remember On A Clear Day You Can Hear Forever

2013 CMMC DXpedition

"Season 3 of DXing with Marconi"

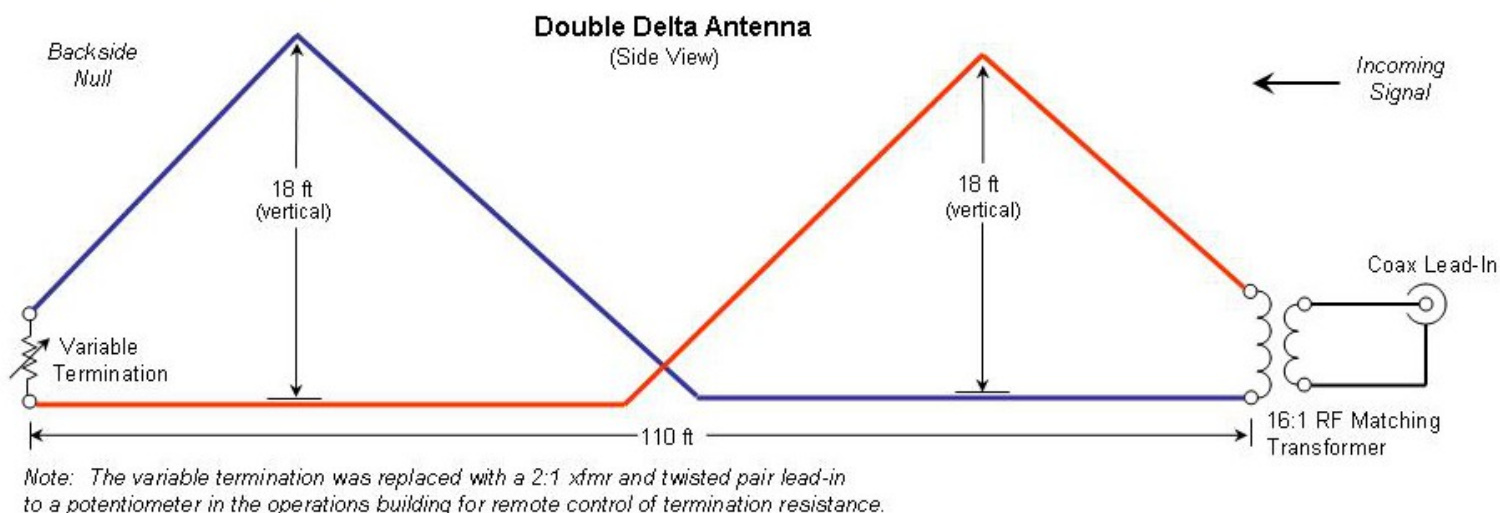
Chatham Marconi Maritime Center (CMMC), Cape Cod, Massachusetts
(41°42'14" N, 69°58'51" W)

DXers and their Receivers

Mark Connelly - Palstar R30
Bruce Conti - WiNRADiO Excalibur SDR
Marc DeLorenzo - Japan Radio NRD-525
Steve Wood - Microtelecom Perseus SDR

Antenna

Variable termination Double Delta, W7IUV RF amplifier
(http://w7iuv.com/preamp50/preamp_r50.pdf), ICE active 4-way splitter.



Introduction

It was 110 years ago when radio pioneer Guglielmo Marconi completed the first wireless two-way communications between Cape Cod and England, but it was originally the recognition of another momentous occasion when this modern-day radio event got started. The inaugural CMMC medium wave AM broadcast DXpedition took place in 2011, celebrating Marconi's first ever transatlantic wireless communication which was completed between Newfoundland and England in 1901. It also marked the grand opening of the CMMC museum in the former WCC Marconi Wireless Operations Building. Since then the CapeDX group has returned annually to reincarnate the Marconi experience.

The third annual "DXing with Marconi" began with a late morning breakfast at Bonatt's in Harwichport. After breakfast, Bruce Conti, Marc DeLorenzo, and Steve Wood headed out to Chatham to erect an antenna on the former WCC site and setup equipment inside the Operations Building. There they were joined by Mark Connelly for DXing, and Roy Barstow who opted out after hearing the amount of noise that was prevalent across the band early.



The DXers - Steve Wood, Marc DeLorenzo, Bruce Conti, and Mark Connelly.

Despite the noise, transatlantic reception showed potential as DXing began well before sunset. However reception was sub-par overall. Signals from Albania, Moldova, and 1521 Saudi Arabia (of course) were among the most impressive, along with 'the usual' from France, Spain, and the UK.

This was the first time for deployment of a variable termination Double Delta broadband loop antenna, although dimensions may not have been 'to spec'. The termination was adjusted to null New York City, and it seemed to be working well with 1010 WINS knocked down by +20 dB

leaving co-channel WCNL New Hampshire alone on the frequency during the day. Steve Wood noted Newfoundland signals including 540 CBT, 600 CBNA, 620 CKCM, 640 CBN, and 1400 CBG - another indication that the antenna was aimed in the desired direction. Atmospheric conditions simply weren't cooperating with the geomagnetic field unsettled enough to disrupt the excellent transatlantic reception experienced just a week earlier by DXers in Europe and northeastern North America. The band was noisy too. A number of local 'birdies' interfered with 9 kHz channels. Still, as they say, "A bad day of fishing is better than a good day at work." It was actually a sizable catch for just a little over three hours of monitoring with signals from 16 transatlantic countries received.

Thanks to Bob Ryder, CMMC Operations Manager, who accommodated our occupation of the WCC Operations Building for the afternoon. Charles Bartlett, CMMC President, and Ed Moxon, CMMC Board of Directors, were among a few radio enthusiasts who stopped in to witness our "Modern Marconi Monitoring Station" in action. DXers demonstrated reception of transatlantic broadcast signals visually on software defined radio (SDR) spectrum analyzer displays. The objective was consistent with activities that took place over a century ago, even if the equipment was not the same. Bringing the WCC Operations Building back to life with the sounds of signals emanating from across the ocean was like being a part of history.

Transatlantic DX Logs (All times January 19 UTC)

- 549 **ALGERIA** *Jil FM*, Les Trembles 2221 – Fair with techno dance music. [DeLorenzo] 2300 – Good; techno pop music, 5 + 1 time signal, and evil-sounding program intro, parallel 531 kHz. [Conti]
- 576 **CANARY ISLANDS//SPAIN** *RNE5* sychros 2300 – Poor to fair; time signal and “24 Horas” news program parallel 1107 kHz. [Conti]
- 585 **SPAIN** *RNE1* Madrid 2300 – In heavy 590 WEZE splatter; time signal and 24 Horas program. [Conti]
- 603 **FRANCE** *France Info*, Tramoyes 1955-2005 – Fair with news by woman in French. ID with fanfare 2000 followed by more news by man in French. [DeLorenzo]
- 612 **MOROCCO** *SNRT* Sebaa-Aioun 2100 – Poor; Arabic vocal, then news intro with emphasis music. [Conti]
- 639 **CZECH REPUBLIC** *Ceský rozhlas*, Liblice & Svinov 2100 – Fair in 640 CBN splatter; *Ceský rozhlas* ID with fanfare into news. [Conti]
- 639 **SPAIN** *RNE1* La Coruña et al. 2014-2019 – Fair with fútbol match in Spanish. [DeLorenzo]
- 657 **ITALY** *Rai Radiouno* sychros 2300 – Sign-off test tones under Spain. [Conti]
- 657 **SPAIN** *RNE5* Madrid 2259 – Fair; ELO bumper music into 24 Horas, parallel 1107 kHz. [Conti]
- 657 unID 2236-2300 – Fair with choral music, likely religious, man and woman in unknown language. Suspect Italy. [DeLorenzo]
- 666 **PORTUGAL** *RDP Antena 1* sychros 2100 – Poor; *RDP* time signal as excited sports commentary in Portuguese continued through the hour. [Conti]
- 693 **GERMANY** *VOR* Henningsdorf 2000 – Poor; time signal and “Golos Rossii” news in Russian. [Conti]
- 693 **SPAIN** *RNE1* sychros 2150 – Spanish sports shouting; mixed with UK’s quiet talk. [Connelly]
- 693 **UNITED KINGDOM** *BBC Radio 5*, Droitwich et al. 2023 – Very good with group discussion. [DeLorenzo]
- 711 **FRANCE** *France Info*, Rennes 2031 – Fair with woman in French. Low rumble also noted from someone slightly off frequency. [DeLorenzo] 2106 – French talk by man; good. [Connelly]
- 738 **SPAIN** *RNE1* Barcelona 2152 – Two men in Spanish; good. [Connelly]
- 747 **CANARY ISLANDS//SPAIN** *RNE5* sychros 2106 – Man and woman in Spanish; over presumed Netherlands. [Connelly]
- 756 **GERMANY** *Deutschlandfunk*, Braunschweig & Ravensburg 2105 – Jazz, German talk by woman; fair. [Connelly] 2300 – Fair; “Deutschlandfunk” and time signal into news in German. [Conti]
- 774 **SPAIN** *RNE1* sychros 2038 – Fair with fútbol match parallel to 639 kHz. [DeLorenzo] 2104 – Spanish news; to fair peak. [Connelly]
- 864 **FRANCE** *France Bleu*, Villebon-sur-Yvette 2301 – Poor to fair; news in French, then emphasis music with *France Bleu* mention. [Conti]
- 873 **SPAIN** *SER* sychros 2158 – Fast Spanish talk, crowd sounds. [Connelly]
- 909 **UNITED KINGDOM** *BBC Radio 5* sychros 2056 – Fair with group discussion. [DeLorenzo] 2101 – Talk about Algerian hostage crisis, Mali conflict. [Connelly] 2200 –

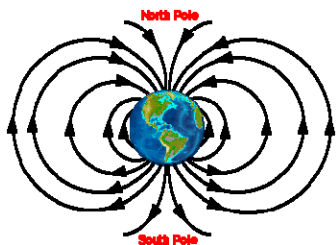
- Good, synchro echo; "First for breaking news and the best live sport, this is BBC Radio Five Live," and news "from the BBC on Five Live." [Conti]
- 936 **SPAIN** *RNE5* synchros 2300 – Poor to fair with synchro echo; time signal and fanfare into 24 Horas parallel 1107 kHz. [Conti]
- 945 **FRANCE** *France Info*, Toulouse 2143 – French discussion, emphasis music; fair. [Connelly] 2300 – Good; fanfare into "le journal" news. [Conti]
- 954 **CZECH REPUBLIC** *Ceský rozhlas* synchros 2300 – Fair; orchestral national anthem. [Conti]
- 954 **SPAIN** *Onda Cero*, Madrid 2142 – Two men in Spanish; fair past WROL slop. [Connelly]
- 999 **MOLDOVA** *VOR* Maiac 2057 – Over Spain; pre sign-on test tones at 5 second intervals. [Conti] 2114-2117 – Fair with news by woman in East European language. [DeLorenzo] 2141 – Man in Russian; dominant over Spain. [Connelly]
- 999 **SPAIN** *COPE* Madrid 2058 – Fair with fútbol match. [DeLorenzo] 2059 – Spanish sporting event; under *VOR* Moldova test tones. [Connelly]
- 1026 **SPAIN** *SER* synchros 2300 – Poor in 1030 WBZ splatter; time signal and *SER* news fanfare. [Conti]
- 1089 **UNITED KINGDOM** *TalkSport* synchros 2125 – Fair with teletalk. [DeLorenzo] 2200 – Good; "On DAB digital radio, and 1089 and 1053 AM, TalkSport," into 10 o'clock headlines, parallel 1053 kHz. [Conti] 2203 – ID "TalkSport 1089 and 1053 AM." [Connelly]
- 1098 **SPAIN** *RNE5* synchros 2145 – Good; news parallel 1107 kHz. [Conti]
- 1107 **SPAIN** *RNE5* synchros 2058 – Woman in Spanish, music interlude; good. [Connelly] 2128-2135 – Fair with jazz piano music; at 2130 time pips and into news in Spanish. [DeLorenzo] 2145 – Good; "Todas noticias, informaciones de Radio Nacional," and alternating man/woman with fast-paced newscast, parallel 1098 kHz. 2300 – Excellent; ELO bumper music, time signal, time check, "Son las doce, las once en Canarias," and news program, "24 horas, Radio Nacional de España." [Conti]
- 1134 **CROATIA** *Hrvatske Radio*, Zadar 2110 – Slavic talk by man and woman. [Connelly] 2300 – Fair in 1130 WBBR splatter; signature 'slow' time signal, fanfare into news. [Conti]
- 1179 **SPAIN** *SER R.Rioja*, Logroño 2259 – Fair; Cadena Ser promo, then local ID, "Radio Rioja, Cadena Ser," and time signal on the hour into *SER* fanfare. Thanks to Mauricio Molano at RealDX for help with ID. [Conti]
- 1206 **FRANCE** *France Info*, Bordeaux 2113 – Parallel 1404 with man in French. [Connelly]
- 1215 **SPAIN** *COPE* synchros 2300 – Over *Absolute Radio*; "Cope, estar informado" and theme music parallel 999 kHz. [Conti]
- 1215 **UNITED KINGDOM** *Absolute Radio* synchros 2121 – "Livin' Thing" by Electric Light Orchestra (1976); good. [Connelly] 2140 – Over Spain; Journey "Don't Stop Believin'." [Conti]
- 1314 **SPAIN** *RNE5* synchros 2123 – Two women in Spanish; to good peak. [Connelly]
- 1377 **FRANCE** *France Info*, Lille 2124 – Man and woman in French, piano; good. [Connelly] 2146 – Fair with woman in French. [DeLorenzo]
- 1386 **SPAIN** *Euskadi Irratia*, Bilbao 2124 – Spanish talk by man; fair. [Connelly] 2150 – Fair; folk music parallel 1476 kHz. [Conti]
- 1394.86 **ALBANIA** *TWR* Fillakë 2050 – Slavic talk; good. [Connelly] 2130 – Excellent; instrumental music, one cycle of *TWR* interval signal, then off. [Conti]
- 1404 **FRANCE** *France Info* synchros 2113 – Parallel 1206 with man in French; to good peak. [Connelly] 2113 – Good; talk parallel 1557 kHz. 2130 *France Info* music. [Conti]
- 1413 **SPAIN** *RNE5* synchros 2051 – Spanish talk; over others. [Connelly]
- 1422 **GERMANY** *Deutschlandfunk*, Heusweiler 2159 – Good; talk in German, "Deutschlandfunk" with electronic fanfare and time signal into news. [Conti]
- 1440 **LUXEMBOURG** *RTL* Marnach 2137 – French song, then French talk by man and woman; over WRED Maine. [Connelly]
- 1457.63 **ALBANIA** *CRI* Fillakë 2020 – Het vs. 1458.0 kHz. [Conti]
- 1467 **FRANCE** *TWR* Roumoules 2055 – Arabic-sounding talk by woman. [Connelly] 2130 – Excellent; announcement in French, one cycle of *TWR* interval signal, and start of Arabic program. [Conti]
- 1503 **IRAN** *IRIB R.Iran*, Bushehr 2138 – Koranic chanting by man; good. [Connelly]
- 1503 **SPAIN** *RNE5* La Línea de Concepción & Piñeira 2200 – Over/under presumed Iran; time signal and fanfare into news. [Conti]
- 1521 **SAUDI ARABIA** *BSKSA* Duba 1928 – As usual, the first TA to produce audio. Fair signal more than two hours before local sunset with man in Arabic. Later, at 2205, loud and clear with Arabic teletalk parallel to 9555 and 9870 kHz. [DeLorenzo] 1941 – Good; talk in Arabic. [Conti] 2052 – Parallel 9555 with Arabic talk by two men; good. [Connelly]
- 1539 **SPAIN** *SER* synchros 2300 – Poor; time signal and *SER* fanfare music. [Conti]

- 1548 **KUWAIT** *R.Sawa*, Kabd-Kuwait City 2143 – No doubt the source of pop music well under Moldova. [DeLorenzo]
- 1548 **MOLDOVA** *VOR Grigoriopol* 2129 – Slavic talk (Serbian listed); loud. [Connelly] 2137 – Good; frequencies and “La Voce della Russia” in Italian. [Conti] 2137-2145 – Good with woman in Italian. Several IDs noted, “La Voce della Russia.” Thanks to Mauna Ritola for help via Real DX. [DeLorenzo]
- 1557 **FRANCE** *France Info*, Fontbonne 1942 – Good; talk in French. 2130 – Good; fanfare into “le journal” news. [Conti]
- 1575 **UNITED ARAB EMIRATES** *R.Farda*, Al Dhabiya 2129 – Good; telephone news/talk with *R.Farda* mentioned, then headlines accented by music into news. [Conti]



Equipment on display in the CMMC museum includes this HRO receiver.

The CMMC maintains its museum and an amateur radio station in the former WCC Marconi Wireless Operations Building which is open to the public during Cape Cod tourist season. Future plans for the CMMC include restoration of an adjacent "hotel" building on the WCC campus once used by wireless employees. Please consider becoming a member of the CMMC in support of ongoing education and preservation initiatives. Visit the CMMC online at <http://chathammarconi.org>. 73 and Good DX!



Geomagnetic Indices

Geomagnetic Summary January 2013

Via Phil Bytheway – Tabulated from email status daily.

Date	Flux	A	K	Space Weather	1/16	137	5	3	no storms
1/ 1	118	1	0	no storms	17	137	5	4	no storms
2	119	2	1	no storms	18	115	9	2	no storms
3	129	2	1	no storms	19	107	7	2	no storms
4	143	2	1	no storms	20	107	10	0	no storms
5	145	3	1	minor, R1	21	107	9	1	no storms
6	145	3	1	no storms	22	110	1	0	no storms
7	142	3	1	no storms	23	105	1	0	no storms
8	156	2	1	no storms	24	103	1	0	no storms
9	169	3	1	no storms	25	101	4	2	no storms
10	174	3	1	no storms	26	99	17	4	no storms
11	172	3	1	minor, R1	27	98	7	2	no storms
12	169	3	1	no storms	28	98	4	2	no storms
13	156	8	3	minor, R1	29	95	2	0	no storms
14	154	8	2	no storms	30	97	2	0	no storms
15	140	5	1	no storms	1/31	103	1	1	no storms

Rx – Radio Blackouts Level

K index is daily reading at 2100 UTC.

Pro Sports Networks

Barry S. Finkel bsfinkel@att.net
10314 S. Oakley
Chicago, IL 60643-2409

Network listings for professional sports play-by-play coverage

Here is National Hockey League (NHL) flagship information for the shortened 2012/2013 season from Internet searches. I looked for networks, and below are all those I found. Many sites did not list the names of the announcers. As many sites had no dates, I have no idea if the network lists I found are for this season or for a previous season. And many stations did not list call letters on their web sites; they listed only the station "slogan." What happened to call letters? Also, the Washington Capitals' list had a few FM HD2 stations; I am not sure of the frequencies, nor do I know exactly how to list them, as they are not accessible on a normal FM radio. Please send me any additions, corrections, and/or additional network lists that you find.



Anaheim Mighty Ducks	830	KLAA-CA	Steve Carroll, Dan Wood
Boston Bruins	98.5	WBZ-FM-MA	Dave Goucher, Bob Beers
Buffalo Sabres	550	WGR-NY	Rick Jeanneret, Harry Neale
Calgary Flames	960	CFAC-AB	*Pete Maher, Mike Rogers
Carolina Hurricanes	99.9	WCMC-FM-NC	*Chuck Kaiton, John Forslund
Chicago Blackhawks	720	WGN-IL	John Weideman, Troy Murray, Judd Sirott
Colorado Avalanche	1510	KCKK-CO	*Norm Jones, Marc Moser
	93.7	K229BS-CO	
Columbus Blue Jackets	97.1	WBNS-FM-OH	George Matthews, Bob McElligott
	102.5	WWCD-OH	
Dallas Stars	1310	KTCK-TX	Ralph Strangis, Daryl Reaugh
	104.1	KTDK-TX	
Detroit Red Wings	1270	WXYZ-MI	Ken Kal, Paul Woods
	97.1	WXYZ-FM-MI	
Edmonton Oilers	630	CHED-AB	Jack Michaels, Bob Stautffer, Rob Brown
Florida Panthers	560	WQAM-FL	Randy Moller
Los Angeles Kings	1150	KTLK-CA	Nick Nickson, Daryl Evans
Minnesota Wild	100.3	KFXN-FM-MN	Bob Kurtz, Tom Reid, Kevin Falness
Montreal Canadiens	690	CKGM-QC (EE)	John Bartlett, Sergio Momesso, Bobby Dallas
	98.5	CHMP-QC (FF)	Marty Macguire, Dany Dube
Nashville Predators	102.5	WPRT-FM-TN	Tom Callahan, Pete Weber, Terry Crisp, Stu Grimson
New Jersey Devils	660	WFAN-NY	Matt Loughlin
	101.9	WFAN-FM-NY	
New York Islanders	88.7	WRHU-NY	*Chris Kig, various Hofstra U. b'casting students
New York Rangers	98.7	WEPN-FM-NY	*Kenny Albert, Bob Wischusen, Dave Maloney
Ottawa Senators	1200	CFGO-ON (EE)	Dave Schreiber, Gord Wilson
	104.7	CKOI-ON (FF)	Nicolas St.-Pierre, Alain Sanscartier
Philadelphia Flyers	97.5	WPEN-PA	Tim Saunders, Chris Therien
Phoenix Coyotes	910	KGME-AZ	Bob Heethuis, Tyson Nash
	1510	KFNN-AZ c	
Pittsburgh Penguins	105.9	WXDX-FM-PA	Mike Lange, Phil Bourque, Bob Grove
St. Louis Blues	1120	KMOX-MO	*Chris Kerber, Kelly Chas
San Jose Sharks	98.5	KUFY-CA	*Dan Rusanowsky, Jamie Baker
	102.1	KUZX-CA	
Tampa Bay Lightning	970	WFLA-FL	Dave Mishkin, Phil Esposito
	105.9	W290BJ-FL	
Toronto Maple Leafs	1050	CHUM-ON	Joe Bowen, Dan Dunleavy, Jim Ralph
Vancouver Canucks	1040	CKST-BC	Rick Ball, Dave Tomlinson
Washington Capitals	1500	WFED-DC	John Walton, Ken Sabourin, Mike Vogel, Jonathan Warner
Winnipeg Jets	1290	CFRW-MB	Dennis Beyak, Brian Munz

Buffalo Sabres 2012-2013 Rick Jeanneret, Harry Neale<http://sabres.nhl.com/club/page.htm?id=36509> (01/15/2013)

550	<u>WGR-NY</u>	1340	WKSJ-NY	1490	WBTA-NY	96.5	WCMF-FM-NY
950	WROC-NY	1410	WDOE-NY			101.5	WMXO-NY

Colorado Avalanche 2012-2013 -Norm Jones, Marc Moser<http://www.altitude.tv/radio/station-guide/> (01/31/2013)

2012-13 Altitude Radio Network (also carries NBA Denver Nuggets)

950	KRWZ-CO	1340	KTMM-CO	1490	KNAM-CO	97.1	KZBR-CO
1010	KSIR-CO	1400	KWUF-CO	1510	<u>KCKK-CO</u>	100.5	KRSJ-CO
1300	KCSF-CO	1440	KRDZ-CO			106.1	KNFO-CO
		1450	KBFS-SD	93.7	<u>K229BS-CO</u>		

Columbus (OH) Blue Jackets 2012-2013 George Matthews, Bob McElligott<http://bluejackets.nhl.com/club/page.htm?id=48232> (01/14/2013)

930	WEOL-OH	1260	WNXT-OH	1390	WBLL-OH	1490	WBEX-OH
940	WCIT-OH	1270	WILE-OH		WMPO-OH		WMOA-OH
970	WATH-OH	1320	WLOH-OH	1410	WING-OH		WMRN-OH
990	WTIG-OH	1330	WFIN-OH	1420	WTCR WV		
1230	WIRO-OH		WELW-OH	1430	WCLT-OH	97.1	<u>WBNS-FM-OH</u>
1240	WHIZ-OH	1350	WARF-OH	1450	WMOH-OH	100.9	WJAW-FM-OH
1250	WCHO-OH	1360	WMOV WV			102.5	<u>WWCD-OH</u>

Detroit Red Wings 2012-2013 Ken Kal, Paul Woods<http://redwings.nhl.com/club/page.htm?id=43974> (01/14/2013)

590	WKZO-MI	1290	CJBK-ON	1450	WHTC-MI	94.5	WOEZ-MI
600	WCHT-MI	1330	WTRX-MI		WNBY-MI	94.9	WMMQ-MI
790	WSGW-MI	1340	WCSR-MI	1470	WLQR-OH	97.1	<u>WXYZ-FM-MI</u>
970	WKHM-MI	1380	WPHM-MI	1490	WABJ-MI	97.3	WDEE-FM-MI
1050	WTKA-MI	1400	WCCY-MI			97.5	WWSN-MI
1230	WSOO-MI			93.9	WAVC-MI	107.3	WBBL-FM-MI

Los Angeles Kings 2012-2013 Nick Nickson, Daryl Evanshttp://kings.nhl.com/v2/ext/publications/2013_Kings_Media_Guide.pdf [Page 167/188] (01/14/2013)

1150	<u>KTLK-CA</u>	1240	KLOA-CA	1490	KMET-CA	1520	KVTA-CA
1220	KHTS-CA	1450	KPTR-CA				

Minnesota Wild 2012-2013 Bob Kurtz, Tom Reid, Kevin Falness<http://wild.nhl.com/club/page.htm?id=51619> (01/14/2013)

740	KVOX-ND	1250	KCUE-MN	1410	KRWB-MN	1570	KAKK-MN
790	KFGO-ND	1260	KROX-MN	1440	KKXL-ND		KVTK-SD
860	KNUJ-MN	1270	KFAN-MN	1450	KATE-MN		
930	KSDN-SD	1320	KOZY-MN		KBUN-MN	93.9	KKRC-MN
1070	KVKK-MN e	1340	KDLM-MN		WELY-MN	94.5	WELY-FM-MN
1170	KRUE-MN		KRBT-MN	1460	KDWA-MN	95.3	WXXZ-MN
1230	KGHS-MN	1370	KSUM-MN		KKAQ-MN	95.7	KMKO-FM-MN
	KWNO-MN	1390	KXSS-MN	1480	KAUS-MN	100.3	<u>KFXN-FM-MN</u>
	KWSN-SD	1400	KMHL-MN	1490	KQDS-MN	103.5	KUAL-FM-MN
1240	WMFG-MN		WBIZ-WI			104.9	WLMX-FM-WI

Ottawa Senators (EE) 2012-2013 Dave Schreiber, Gord Wilson<http://senators.nhl.com/club/page.htm?id=49156> (01/31/2013)

600	CKAT-ON	1200	<u>CFGO-ON</u> f	88.1	CHLK-ON	96.7	CHVR-ON
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Phoenix Coyotes 2012-2013 Bob Heethuis, Tyson Nash<http://coyotes.nhl.com/club/page.htm?id=3290> (01/14/2013)

600	KVNA-AZ	910	<u>KGME-AZ</u>	1130	KQNA-AZ		
610	KNML-NM	980	KNTR-AZ	1230	KATO-AZ	106.7	KPPV-AZ
780	KAZM-AZ			1340	KIKO-AZ		



St. Louis Blues 2012-2013 -Chris Kerber, Kelly Chas<http://blues.nhl.com/club/page.htm?id=34347> (01/14/2013)

1120	<u>KMOX-MO</u>	1420	WINI-IL	96.7	WCXO-IL	104.3	KDBB-MO
1230	WHCO-IL			97.5	WBBA-FM-IL	104.5	KSLQ-FM-MO
1340	KSMO-MO	93.1	KBDZ-MO	102.1	KTUI-FM-MO		
1350	KWMO-MO	94.1	KPVR-MO				

San Jose Sharks 2012-2013 -Dan Rusanowsky, Jamie Baker<http://sharks.nhl.com/club/page.htm?id=46578> (01/14/2013)

630	KIDD-CA	1140	KHTK-CA	1440	KVON-CA	96.1	KKXS-CA
790	KFPT-CA	1270	KXBX-CA	1490	KRKC-CA	98.5	<u>KUFX-CA</u>
940	KFIG-CA	1340	KATA-CA			102.1	<u>KUZX-CA</u>
950	KAHI-CA		KOMY-CA	92.1	KKDV-CA	105.1	KNCI-CA
970	KESP-CA						

Tampa Bay Lightning 2012-2013 Dave Mishkin, Phil Esposito<http://lightning.nhl.com/club/page.htm?id=50527> (01/15/2013)

770	WWCN-FL	1350	WDCF-FL	1530	WENG-FL	105.9	<u>W290BI-FL</u>
810	WRSO-FL	1400	WZHR-FL			106.9	W295BH-FL
970	<u>WFLA-FL</u>	1450	WWJB-FL	104.3	WYKE-FL	107.5	W298AV-FL
1170	WKFL-FL		WBSR-FL	104.9	WYGC-FL		
1220	WSRQ-FL						

Vancouver Canucks 2012-2013 Rick Ball, Dave Tomlinson<http://www.teamradio.ca/canucks/> (01/31/2013)

610	CHNL-BC a	1340	CINL-BC a	93.3	CJAV-BC a	98.9	CFPV-BC
1040	<u>CKST-BC</u>	1380	KRKO-WA s	96.1	CFNR-BC	99.3	CKDV-BC a
1070	CFAX-BC	1400	CHNL-1-BC a	97.5	CHNL-BC a	99.5	CIMM-BC
1150	CKFR-BC a			98.1	CFNR-BC	106.7	CHNL-BC a
1230	CJNL-BC a	90.1	CHMZ-BC		CHNL-BC a	107.1	CHNL-BC a
1240	CKMK-BC a	92.1	CFNR-BC				

Washington Capitals 2012-2013 John Walton, Ken Sabourin, Mike Vogel, Jonathan Warner<http://capitals.nhl.com/club/page.htm?id=69030> (01/15/2013)

740	WRNR-WV	1400	WKAV-VA	1490	WXTG-VA	103.5	WTOP-FM-DC b
910	WRNL-VA	1450	WTHU-MD	1500	<u>WFED-DC</u>	106.7	<u>WIFK-FM-VA</u> b
1050	WBRG-VA		WNOS-NC			107.7	WWWT-FM-VA
1300	WJZ-MD	1460	WTKT-PA	102.1	WXTG-FM-VA	b	
1340	WHAP-VA						

Winnipeg Jets 2012-2013 Dennis Beyak, Brian Munzhttp://www.bellmedia.ca/about/Media_Landing.page (01/15/2013)

Most of these were determined by Googling from the stations' logos.

580	CFRA-ON	88.7	CIMX-FM-ON	98.9	CKLC-FM-ON	103.5	CHQM-FM-BC
	CKWW-ON	91.9	CKLY-FM-ON	99.5	CKKW-FM-ON	103.7	CJPT-FM-ON
690	CKGM-QC	93.5	CFXJ-FM-ON	99.7	CKPT-FM-ON	104.5	CHUM-FM-ON
800	CKLW-ON	93.9	CKKL-ON	99.9	CFWM-FM-MB	104.9	CFJR-FM-ON
1050	CHUM-ON		CIDR-FM-ON	100.1	CIOO-FM-NS	105.1	CKRY-FM-AB
1070	CFAX-BC e	94.3	CHIQ-FM-MB	100.3	CJMJ-FM-OM	105.3	CFCA-FM-ON
1200	CFGO-ON f	94.5	CFBT-FM-BC	101.3	CJCH-FM-NS	107.3	CHBE-FM-BC
1290	<u>CFRW-MB</u>	98.3	CFLY-FM-ON	101.5	CKCE-FM-AB		
1410	CFUN-BC						

* Announcer(s) from a previous season

a Canucks broadcast will be pre-empted on some occasions for local Junior Team broadcast.

b HD-2

c Conflict station

d [reserved, currently unused]

e Vancouver Canucks & Winnipeg Jets

f Ottawa Senators (EE) & Winnipeg Jets

s Select games only



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