

AM Switch

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

Our goal in AM Switch is to provide NRC members with *the* most accurate, up-to-date info on the state of AM radio stations in North America. So, in the interest of accuracy, let me correct a couple of typos from last week – in the Canadian info, the reference was of course to CFZM-740 (not CFZN), and in the station info section, our two references to “WJNE”-1040 should in fact have been to WNJE. We’ve added a step to our quality-control procedures to avoid repeating these mistakes!

And now, the very latest information from the FCC:



CALL LETTER CHANGES

	<u>Old Call</u>			<u>New Call</u>
1130	WSDX	IN	Brazil	WFNF
1400	KDTA	CO	Delta	KJYE

ON THE AIR

- 650 **WSRO** MA **Ashland** – CP for U4 1500/62 is on the air.
 950 **KRWZ** CO **Parker** – CP to change CoL from Denver is on the air; no change in physical facilities is involved.
 1150 **WHBY** WI **Kimberly** – CP for backup transmitter with U1 83/83 at an alternate site is on the air.

As a couple of new stations have come on the air in the last couple months, the FCC kept changing the City of License (CoL) for these stations in its database. The new 33rd Edition *NRC AM Radio Log* has KCEG-780 in Pueblo CO and KPSF-1200 in Desert Hot Springs CA, but the FCC has seemed to settle on Fountain CO and Cathedral City CA, respectively, for these stations. Please adjust your *Log* accordingly!

Also, the question has been raised as to why KLZN-1490 Susanville CA, which was listed in the *Log* (and in AM Switch and on the FCC web site) as a CP for U1 1000/920, came on the air last week with only U1 950/870? Well, graveyard stations are limited to certain signal strengths at particular distances, and if their antenna is more efficient than average (for example, a higher tower to accommodate an FM translator), it may need to operate with less than 1000 watts in order to meet these maximum signal strengths. It seems that when KLZN was built and being tested, the antenna turned out to be somewhat different from what was originally contemplated, and a last-minute amendment, reducing power by 50 watts, was necessary for the FCC to grant the final license.

OFF THE AIR (?)

- 1460 **WKHZ** MD **Easton** – The station was deleted from the main FCC database on 9/26, but it’s still listed as licensed in another database, along with a link to a letter to or from the station dated 9/18, but the link doesn’t work! License cancelled and calls deleted? Maybe, we’ll keep checking.

NEW STATIONS

- 1100 **New** OR **Lebanon** – CP granted for new station with U4 3900/1500. A competing application at Tillamook OR, also on 1100 kHz, was dismissed.

CONSTRUCTION PERMITS GRANTED

- 910 **WLAT** CT **New Britain** – Granted CP to U2 5000/2800, reducing night power and moving to three towers rather than four.
 930 **KOGA** NE **Ogallala** – Granted amendment to CP to U2 2100/500, reducing day power and eliminating directional antenna daytime.
 1240 **WTWA** GA **Thomson** – Granted CP to U1 600/600, reducing power.
 1330 **WBTM** VA **Danville** – Granted CP to correct coordinates to 36-36-26/79-26-01.
 1560 **KHBR** TX **Hillsboro** – Granted CP to correct coordinates to 32-00-57/97-06-33.

CONSTRUCTION PERMITS CANCELLED

- 1130 **WEAF** SC **Camden** – This station had a CP for D1 390 on 1120 kHz, changing the CoL to St. Stephen SC. The CP expired on 9/22, but the station has applied for a new CP with identical parameters.

APPLICATIONS FROM EXISTING STATIONS

- 1070 WCSZ SC **Sans Souci** – Applies to amend its CP for U2 50000/1500 to correct the coordinates to 34-55-12/82-27-25.
- 1460 WJAK TN **Jackson** – Applies to reduce power to U1 800/105, to accommodate a proposed higher tower.
- 1570 WNSH MA **Beverly** – Applies for U1 50000/85 and to correct coordinates to 42-33-22/70-50-15.
- 1580 KGAL OR **Lebanon** – Amends its pending application for U4 7500/1000 to clarify that the coordinates for both the day and night facilities should be corrected to 44-34-31/122-55-11.

SPECIAL TEMPORARY AUTHORITY

- 620 KIGS CA **Hanford** – Granted silent STA; station owner Maria Pereira died on 2/11/12, and the estate took the station silent on 7/31 until estate administration is complete and the (unnamed) beneficiary decides what to do with the station.
- 930 WFXJ FL **Jacksonville** – Granted STA to operate with night pattern at variance from licensed parameters or 1250 watts non-directional pending antenna work.
- 960 WGRO FL **Lake City** – Granted silent STA; has been silent since 6/30 when antenna site was flooded by Tropical Storm Debby.
- 1130 WALQ AL **Carrville** – Granted silent STA; has been silent since 6/25; licensee took over station in a foreclosure and finds it impossible to operate the station profitably.
- 1230 WENY NY **Elmira** – Granted STA to operate with “low power” (unspecified); station had been silent on 7/28 when a tornado collapsed part of the tower; station resumed operations at low power on 9/21 and will continue to do so until repairs are completed.
- KVOC WY **Casper** – Granted silent STA; has been silent since 6/1 for a combination of staffing, financial, and technical reasons “making it prohibitively expensive to operate the station.”
- 1240 KRAL WY **Rawlins** – Granted silent STA; has been silent since 6/21 due to an “inability to staff the station on a full-time basis with qualified personnel.”
- 1280 KMFR TX **Pearsall** – Granted silent STA; has been silent since 4/29 for financial reasons.
- 1310 KKNS NM **Corrales** – Granted STA to operate with approximately 200 watts from a temporary antenna after it loses access to its licensed transmitter site on 9/30.
- 1360 KWDJ CA **Ridgecrest** – Granted silent STA; has been silent since 11/25/11 when the station’s time broker suddenly terminated its programming and removed its equipment from the studio. Station has until 11/25 to return to the air.
- 1380 KOTA SD **Rapid City** – Granted STA to broadcast with U1 5000/1250 while night pattern is repaired.
- 1400 WLSB TN **Copper Hill** – Applies for silent STA; has been silent since 9/18 for financial reasons.
- 1440 KPTO ID **Pocatello** – Application to extend silent STA dismissed; station informs the FCC that it resumed broadcasting 9/26.
- WBLA NC **Elizabethtown** – Granted silent STA; has been silent since 7/21 for financial reasons.
- 1460 WPON MI **Walled Lake** – Application to extend silent STA dismissed; station informed the FCC that it resumed broadcasting on 9/20.
- 1490 WJDJ SC **Hartsville** – Granted silent STA; has been silent since the building’s roof collapsed on 6/2 “due to recent storms and lack of maintenance by landlord.”
- 1550 KZRK TX **Canyon** – Applies for silent STA; has been silent since 8/30 while the transmitter has been returned to the manufacturer for repair.

The FCC grants special temporary authority (STA) for up to six months for stations to remain silent (a so-called Silent STA) or to operate with powers, antenna pattern, or transmitter site other than specified in their license. Some STAs show up as “applications” in the online FCC AM Query database, but most don’t. The tales of woe that stations tell in STA applications are a window into some of the difficulties faced by the more marginal AM stations in the United States – and these days, more and more AM stations are marginal operations.

Here is the latest from the CRTIC, via Shawn Axelrod:

- 580 CFRA ON **Ottawa** – Granted CP for U4 50000/30000.
- 1240 CFLM QC **La Tuque** – Granted CP to move to 97.1 MHz; when FM signs on AM will simulcast up to three months then go dark.

OK, that's the latest news on the AM stations broadcasting here in North America. What about the programming? Well, the big news this week is that the new CBS Sports Network has signed Jim Rome away from Premiere Radio Networks. Rome will be doing The Jim Rome Show, still weekdays at 1200-1500 Eastern, on the CBS Sports Network starting on January 2, 2013. Doug Gottlieb will host the 1500-1800 block. This news from Radio Insight via Shawn Axelrod.

We also have this information on stations from various sources, including changes to the *AM Radio Log* database collected by Wayne Heinen since the last AM Switch.

- 540 **WLIE** NY **Islip** – Format to SS:REL./Brokered. (WH)
 580 **WDBO** FL **Orlando** – This station becomes the live flagship for the Clark Howard Show, weekdays 1300-1500, effective 10/1. The show will run on tape delay on former flagship WSB-750 (see below). (RI)
 640 **WGST** GA **Atlanta** – Dropped NWS/TLK for SS:SPT (ESPN Deportes) at 1500 on 9/28. The old WGST web site directs listeners to WCFO-1160 for Georgia State football that was previously aired on WGST-640. (RI)
 670 **WRJR** VA **Claremont** – Drops UC:OLD for SS:REL “Nueva Vida 670.” (WH)
 750 **WSB** GA **Atlanta** – Rush Limbaugh moves here from WGST-640 starting 10/1 at the usual 1200-1500 time. To accommodate Rush, Neil Boortz will now air 0830-1200, Sean Hannity will be cut by an hour to 1500-1700, and “Atlanta’s Evening News” at 1700-1900. Clark Howard will move to 2000-2200. Note that Neil Boortz is retiring in January; Herman Cain will take over the show. (RI)
 810 **WJJQ** WI **Tomahawk** – Is buying translator W265BF-100.9 and intends to move it to the AM tower and to 100.7 MHz to relay WJJQ. (RI)
 840 **KVJY** TX **Pharr** – Drops SPT, FSR network for SS:NWS/TLK “Informativa 840.” (WH)
 950 **WPEN** PA **Philadelphia** – Family Radio is applying to buy this station; Family Radio is downsizing after its incorrect prediction of the end of the world in 2011 and sold Philly-market WKDN-106.9 (now WWIQ) last year. The WPEN calls will stay on WPEN-FM-97.5 (“The Fanatic,” home of NBA Sixers and NHL Flyers), but presumably the AM calls will change. The SPT format will stay on WPEN-AM for the time being. (RI)
 1130 **WFNF** IN **Brazil** – Is now “1130 the Fan,” still SPT(ESPN), but no longer // WSDM-92.7. (RI) (WH)
 1150 **KWKY** IA **Des Moines** – Uses slogan “Catholic Radio Iowa.” (WH)
KXET OR **Portland** – Silent station back on the air with SS:MEX “La Gran D.” (WH)
 1240 **WWNS** GA **Statesboro** – Format changes from NWS/TLK to just NWS, drops these networks: DG/A/Ru/WOR. (WH)
 1300 **WFRX** IL **West Frankfort** – Format changes from NOS to SPT, drop DG network for FSR, slogan “The Fan.”
 1340 **WYBC** CT **New Haven** – Add to the WSHU Group. (TF)
WMON WV **Montgomery** – Was Rock // FM, now GOS “The Dove,” SMN network. (WH)
 1400 **KKZZ** CA **Santa Paula** – No longer NWS/TLK // KVTA-1520, now TLK “AM 1400,” add B to networks. (WH)
KQDJ ND **Jamestown** – Add to the Dakota Country Group. (WH)
 1420 **WKCW** VA **Warrenton** – Was GOS, now AC “All Hit Radio.” (WH)
 1460 **WBUC** WV **Buckhannon** – Was NOS/OLD, now NWS/TLK. (WH)
 1490 **KNAM** CO **Silt** – Format changes from TLK to SPT(ESPN). (DXMA)
 1520 **KVTA** CA **Port Hueneme** – No longer // KKZZ-1400. (WH)
KSIB IA **Creston** – Was C&W, now SPT; drop all networks for FSR. (WH)
 1550 **WZRK** WI **Lake Geneva** – Appears to be silent since 9/20 or so. (TN)
 1590 **WIXK** WI **New Richmond** – Was OLD C&W, is now “All News AM 1590.” (DXMA)
 1600 **KGYM** IA **Cedar Rapids** – Now // K298BM-107.5 Cedar Rapids IA. (RI)

Thanks to: (DXMA) – DX Mid America, via Shawn Axelrod. (RI) – Radio Insight, via Shawn Axelrod. (TF) – Tony Fitzherbert, via Wayne Heinen. (TN) – Tim Noonan, via Wayne Heinen. (WH) – Wayne Heinen.

Bruce Conti sends along this list of stations with the G&E Studio programming (which comes from China Radio International) which he finds at www.gestudio.us.

570	KCFJ-CA	1190	WCRW-VA	1510	KSFN-CA	CHIN-ON
890	WJTP-GA	1320	KXYZ-TX	1520	KYND-TX	
1040	KXPD-OR	1370	KWRM-CA	1540	WNWR-PA	91.9 CHIN-ON
1090	WILD-MA	1470	XERCN-BCN		KGBC-TX	97.9 CJLL-ON

Domestic DX **Mike Brooker** patria1818@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.
- BH-MA** **Bob Hill, Littleton** – Sony ICF-2010, Kiwa filters, AOR LA390 active loop.
- TLK-FL** **Terry L. Krueger, Clearwater** – JRC NRD-535; ICOM IC-R75; Sony ICF-7600GR; Sangean PR-D5; Aqua Guide 705 RDF Marine Radio; GE Superadio III; JPS NF-60 Notch Filter; JPS ANC-4 Noise Phaser; roof dipole; room random wire; Terk Advantage non-active portable loop.
- JJR-MI** **John J. Rieger, L’Anse** – CCRadio 2
- BT-PE** **Brent Taylor, Stratford** – Icom R-75 (Kiwa mods), corner-fed 16x60' loop.
- MKB-ON** **Mike Brooker, Toronto** – Grundig G5, Grundig YB-400PE, Sony SRF-39FP, Panasonic RF-2200 (receiver emeritus)

Follow me on Twitter! @patria1818 DX-related tweets will be hash-tagged #MWDX.
 Friend me on Facebook! www.facebook.com/keval.mike

STATION NEWS

- 950 WPEN PA Philadelphia** – Harold Camping’s Family Stations Inc. (aka “Family Radio”) has purchased this station, will flip from sports, //97.5 which will remain all-sports “The Fanatic”, to (well, duhhh) Christian format. <http://radioinsight.com/blog/headlines/70577/family-radio-acquires-950-wpen-philadelphia/> (MKB-ON)

UNID

- 920 UNID --** - 9/25 0649 - Motown and Oldies, wiped out 0657 by Mexican channel immigrants. Suspect WPCM, Burlington-Graham, NC with “The Beach” Oldies format, but never enough pieces to get an ID. (TLK-FL)


LOGGINGS

- 540 WXYG MN Sauk Rapids** – 9/21 2018 – Poor with very long song, then “540 the Goat, 540 WXYG...W-X-Y-G” slogan into more music. CBK not in and not a huge factor in L’Anse. (JJR-MI)
- 570 CKGL ON Kitchener** – 9/21 2112 – Poor with Kitchener Rangers OHL hockey and local ad over weak WNAX. (JJR-MI)
- 630 WEJL PA Scranton** – 9/22 1908 – Break from Phillies ballgame with “Northeastern Pennsylvania’s ESPN Radio 630 and 1240 AM, 96.1 FM and now on 100.1 FM, your home for Phillies baseball.” WPRO, always dominant here, in partial null. (BH-MA)
- 660 CFRR AB Calgary** – 9/26 0358 – Under dominant WFAN, with ad featuring Joel Matlin for “Alarm Force” and then standard Rogers sound package leading up to the top of the hour. (BT-PE)
- 720 KSAH TX Universal City** – 9/22 0657 – Poor under WGN with weak SS chatter, several mentions of “Universal City” and “La Raza.” (JJR-MI)
- 750 WBMD MD Baltimore** – 9/22 1915* – Caught just at sign off: “We invite you to tune in tomorrow for another day of inspirational programming here on the Sound of the New Life, WBMD Baltimore.” (BH-MA)
- WQOR PA Olyphant** – 9/22 1830 – Out of financial advice program with “WQOR AM 750 Catholic radio is supported entirely by our listeners ...” Followed with phone number and PO box, then into EWTN program and soon faded. Had been alone on channel, but weak level and muffled audio made copy a chore. (BH-MA)
- 760 WCHP NY Champlain** – 9/21 1843 – Mostly submerged under semi-local WVNE but surfaced every now and then with infomercial for some miracle pill. At 1901* “WCHP Champlain now concludes its broadcast day ... Champlain Radio,

Incorporated...WCHP operates on an assigned frequency of 760 kiloHertz by authority of the Federal Communications Commission ..." Cut carrier at 1902. Per Wiki, their target area is Montreal. **(BH-MA)** *Pretty good daytime groundwave signal in Montreal. If you hear FF religious programs on 760, it's likely WCHP. Mike.*

- 780 WCKB NC **Dunn** – 9/22 1925 – Out of gospel vocal with folksy female announcer cooing "Good[?] singers on WCKB, "Walkin' That Lonesome Valley" ... You be sure to join us, please, tomorrow morning at 7 o'clock for more of your favorite Southern gospel music ..." Faded down and presumably signed off shortly thereafter, leaving the channel to WTME and later to WBBM. **(BH-MA)**
- 850 WAXB CT **Ridgefield** – 9/25 1825 – Faintly audible under local WEEI with familiar oldies (Association, Beatles, Carole King); finally broke through at 1829 with "... Danbury Hyundai, Federal Road in Danbury, and danburyhyundai.com." Canned voice intoned "B One Seven Three. Right now, we've got two words for you: True Oldies." **(BH-MA)**
- 880 CKLQ MB **Brandon** – 9/28 0602 – Fading up to dominate over WCBS at local dawn with Wynona's "Tell Me Why," which matched with their online playlist, into a Taylor Swift song and finally male spoken ID "CKLQ." **(BT-PE)**
- 890 KVOZ TX **Del Mar Hills** – 9/21 0658 – Long list (in English, male voice) of K-calls and FM frequencies, four if not more (translators?) then canned Spanish "la Cadena Cristiana" slogan. No FM simulcasts listed in the 2012 NRC AM Log and seemingly no real web presence. **(TLK-FL)**
- 920 WHJD GA **Hazlehurst** – 9/25 1945 – Tentatively the one with Braves vs. Marlins, break at 1948 mentioning the Falcons, Georgia Lottery then back to coverage with, "You're locked in to Braves baseball..." at 1950. Atlanta Braves Baseball Network <http://atlanta.braves.mlb.com/atl/schedule/affiliates.jsp> has no 920 affiliate in any state, but WHJD 105.9 FM is listed, and they appear to simulcast with their 920. So, unless another affiliate listed on FM has a 920 that's simulcasting, it would seem this was WHJD from south-central-ish GA, since WGKA, Atlanta on 920 is not a Braves affiliate and confirmed not parallel with their audio stream. If WHJD, not a bad catch at 500/35 watts. I didn't dissect this one until later in the evening, too late to check WHJD's web site for any potential parallel streaming. **(TLK-FL)**
- 960 WERC AL **Birmingham** – 9/27 0712 – Good in passing with news, "News Radio 105-5" slogans (they don't care about 960). **(TLK-FL)**
- WSVU FL **North Palm Beach** – 9/27 0709 – No ID noted, but presumed with "Cecilia" by Simon & Garfunkel, Marc Cohn "Walking in Memphis." Very poor on sunrise. **(TLK-FL)**
- WRFC GA **Athens** – 9/25 1959 – Tune in to food bank PSA, Atlanta Braves Radio Network promo, back to live Braves vs. Marlins coverage. Presume the one, as the only Braves Network affiliate listed on 960. **(TLK-FL)**
- WATS PA **Sayre** – 9/27 1859 – Over WFIR and UNID oldies station (likely ex-"Thunder Country" WHAK) with local "Twin Tiers" weather, "Choice 102, WATS Sayre and WAVR Waverley" ToH ID into AP news. **(MKB-ON)**
- CFAC AB **Calgary** – 9/26 0344 – On top and fading up to dominant, with lengthy ad package. Ads included Mountain View Credit Union (with mvcu.ca Internet address), Alberta Marine, then eventually "Fox Sports continues on Sportsnet 960, the Fan." **(BT-PE)**
- 980 WRNE FL **Gulf Breeze** – 9/27 0703 – Fair with long ad break, one for an event at a Pensacola venue. Old School soul including "All Night Thing" by the Invisible Man's Band. **(TLK-FL)**
- 990 CBY NL **Corner Brook** – 9/28 0458 – Over CKGM; end of programs from the CBC World Service, CBC Radio One network ID, promo, and CBC news. Echo heard from delayed CBC station, either CBW or a low-power New Brunswick relay. **(BC-NH)**
- 1040 WLJV FL **Boynton Beach** -9/28 0701 – Fair-poor with newscast in SS, sounding very much like a Cuban station but then a sponsorship mention for a store in West Palm Beach, so certainly this one. Tight local WHBO, Pinellas Park semi-null, and a little WHO co-channel. **(TLK-FL)**



- 1100 WCGA GA **Woodbine** – 9/12 0729 – End of talk segment, into IRN Radio News, then “Daybreak USA” sat-fed programming. WCGA seemingly has no website, at least on obvious web key word searches (I don’t get how any station can’t have a web presence), but IRN/Daybreak shows this as an affiliate. Sunrise time on log fits, and I’ve heard them here before as a definite. **(TLK-FL)**
- 1130 WBBR NY **New York** – 9/26 2001 – Good with AP Radio News, Bloomberg financial report. **(TLK-FL)**
- 1150 WJEM GA **Valdosta** – 9/28 0711 – ESPN’s “Mike & Mike In the Morning” show with football talk, net spots including sportsclips.com, finally a “...sports information 1150 The Jock...AM...” slogan. Local WTMP, Egypt Lake semi-nulled. **(TLK-FL)**
- 1180 WFYL PA **King of Prussia** – 9/23 1823 – Way under WHAM with conservative talk; ID “... Greater Philadelphia, AM 1180 WFYL” at 1830 and into one of those annoying Geico gecko ads. **(BH-MA)**
- 1230 WGUY ME **Veazie** – 9/28 0559 – Good; “Oldies 94.1 WGUY” and oldies music. 94.1 is translator W231CH Bangor. **(BC-NH)**
- 1240 WCBY MI **Cheboygan** – 9/21 1942 – Poor over others with “our coverage on WCBY is brought to you by Cheboygan Walmart” during high school football game. **(JJR-MI)**
- 1250 CJYE ON **Oakville** – 9/25 0400 – Under WGAM; “You’re listening to Overnight... CJYE Joy 1250 and CJMR AM 1320.” **(BC-NH)**
- 1300 WQPM MN **Princeton** – 9/22 0810 – Poor with KGLO and WOOD nulled, woman with “AM 1300 WQPM” ID into old C&W songs. **(JJR-MI)**
- 1320 KHRT ND **Minot** – 9/22 0729 – Poor under WILS with call letter ID by woman at end of southern gospel song. **(JJR-MI)**
- 1350 CIRA-5 QC **Gatineau** – 9/25 2002 – Woman in nonstop French talk past 2020; at 2023 New Age-type EZL orchestral number, then back to talk at 2025. Next evening at 1932, odd mélange of Bach, Chopin, EZL, all segued across 2000, when into talk. On 9/27 at 1856, Rosary in FF, possible ID at 1900 and into what seemed news by man. Always struggling in awful mix with WOYK, WNLK, others; ID finally confirmed by // CIRA-FM streaming audio. **(BH-MA)**
- 1360 WMNY PA **McKeesport** – 9/28 0000 – Good; “1360 AM, WMNY McKeesport-Pittsburgh, on the web at wmnradio.com,” and NBC news. **(BC-NH)**
-  - 9/22 2047 – Infomercial intermittently audible to 2100, when ID “1360 AM...McKeesport-Pittsburgh and wmnradio.com.” In fierce and mostly losing battle with ESPN Radio outlet (likely WYOS) throughout. **(BH-MA)**
- 1430 WION MI **Ionia** – 9/21 1902 – Poor with “I-1430 and FM 92.7 WION Ionia” into CBS news, torn up by CHKT-Toronto in minutes. **(JJR-MI)**
- KNSP MN **Staples** – 9/22 0840 – Poor, fading in and out with songs way louder than jock talking. ABC news sounder and “KWAD, KNSP local news...” **(JJR-MI)**
- 1470 WLQR OH **Toledo** – 9/23 0005 – Poking through UNID oldies and talk stations (WNYY Ithaca, NY likely the latter) with station promo “...heard exclusively on the new 1470, Toledo’s talk station WLQR.” Last heard as WOHO in 1977. **(MKB-ON)**
- 1500 WFED DC **Washington** – 9/27 1947 – Good with ID during Nationals vs. Phillies baseball coverage. **(TLK-FL)**
- 1510 WPUT NY **Brewster** – 9/26 1816 – Buried under local WWZN till briefly emerged with “ESPN Radio 940 and 1510,” then disappeared at the speed of light or at least sound. Not audible on announced // 940 (WINE, Brookfield, CT). **(BH-MA)**
- 1550 WITK PA **Pittston** – 9/24 1800 – Out of weather forecast with “You’re listening to WITK Pittston-Scranton-Wilkes-Barre AM 1550, radio that changes the way you live.” Into “Beacon of Truth” with Pastor Reuben Epps[?]. Several others on channel weak and in null but getting ready to pounce before long. **(BH-MA)**
- WEVR WI **River Falls** – 9/21 2027 – Poor with WHIT off, presumed with Milwaukee Brewers baseball. Only Brewers affiliate on this frequency. Not common. **(JJR-MI)**
- 1560 KLNG IA **Council Bluffs** – 9/21 2128 – Poor over WQEW with long infomercial, “KLNG 1560” ID at 2128 into chatter. **(JJR-MI)**
- 1700 KVNS TX **Brownsville** – 9/28 0625 – Very good over WJCC, Miami Springs with Fox Sports Radio and mention of FoxSports1700.com (confirmed their website). No longer Oldies as in the NRC AM Log 33rd Edition. **(TLK-FL)**



Domestic DX Digest – West

Jim Tedford Radio_Enthusiast@hotmail.com
20310 Bothell-Everett Highway B4
Bothell, WA 98012-8133

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

Reporters

BD-WI Bill Dvorak, Madison, WI Drake R8B, Double Kaz bearing 280 degrees
JW-CO John Wilkins, Wheat Ridge, CO Drake R-8, 4-foot box loop
JS-MN Jeff Steffes, Watertown, MN Drake R8, Kenwood R-2000, Quantum Phaser, Quantum QX Loop v2.0, 80' Longwire N-S
RV-TX Robert Vance, El Paso, TX WinRadio G303e/PD, 12'x 9' terminated corner-fed N and E loops, 25-yr old Palomar Loop

DX Loggings

- 550 KFYZ ND Bismarck – 9/25 2009 – Out of oldies song: "Wild Nights" - "K-Fire Five-Fifty and Van Morrison." Into song: "My Girl." (JDS-MN)
- 550 WSAU WI Wausau – 9/25 2003 – Commercials including Country Fresh Meats in Weston. Followed by "The home of the National League Central champion Brewers. This is WSAU." (JDS-MN)
- 560 WIND IL Chicago – 9/25 2017 – Out of *The Hugh Hewitt Show* ;"AM Five-Sixty WIND." Into commercials for Mercedes Benz, and Arlington Capital Management. Followed by traffic report ending with "AM Five-Sixty WIND." Then back to Hugh Hewitt. (JDS-MN)
- 690 CKGM QC Montreal – 9/25 2102 – Out of sports report "You're listening to Game Night on TSN Six-Ninety." Followed by commercials and "Your home for the Montreal Canadiens TSN 690." (Frequency change 9/4/12, was 990.) (JDS-MN)
- 700 KALL UT North Salt Lake City – 9/6 0723 – Mike & Mike (ESPN) in progress; Salt Lake City spots at 0728. Fair, topping one or two others. (JW-CO)
- 780 KCEG CO Fountain – 9/22 2133 – Fair just below WBBM with a PSA by Lifeline Productions, message for the Old Country Church Lakeland, legal ID into a Southern Gospel selection. The legal ID cleverly disguised the City of License: "KCEG Fountain (pause) of music for the Good Life." NEW! The Double Kaz worked well on one of the major Chicago clear channel frequency! (BD-WI)
- 1040 KCBR CO Monument – 9/23 2100 – Poor to good, at times equal in strength to WHO, with nostalgia music and legal ID. NEW! (BD-WI)
- 1060 KYW PA Philadelphia – 9/22 0606 – "Dedicated to serving the Delaware valley. KYW news radio has been recognized by all U.S. radio stations for providing exemplary community service by the National Association of Broadcasters. It's the station you turn to 2, 3, 4 times a day. KYW News radio Ten-Sixty. And now the KYW Accu-weather forecast." (JDS-MN)
- 1060 KGFX SD Pierre – 9/22 2259 – Fair and mostly in the clear with C&W music, station promos for high school sports and South Dakota State Jackrabbits football, ads for Pierre and Fort Pierre businesses, weather with Greg Tetro, legal ID into ABC news at ToH. NEW! Having now logged the capital of South Dakota, my AM total is now up to 30 state capitals logged. (BD-WI)
- 1160 WYLL IL Chicago – 9/22 0701 – Out of SRN news. "Now your forecast from the WYLL dot com weather center...Get these details 24/7 at WYLL dot com. More of Chicago's Christian talk is coming up next." (JDS-MN)
- 1160 KFEX IA Waukon – 9/23 0959 – Good to fair with normally dominant WYLL reduced to a trace by the Double Kaz. Needed call change, ex-KHPP (never logged when it was KSFF because I could not overcome WYLL QRM). (BD-WI)
- 1220 KJAN IA Atlantic – 9/21 2036 – Poor to fair with high school football, Atlantic leading Denison 26-0 near the end of the first half. Call letter ID given when station went into a commercial break. Light QRM from another station carrying HSFB; I never did ID that one. Listed as 62 watts at night, but even if running day power of 178 watts this is a great catch at 312 miles. (BD-WI)



- 1220 KDDR ND **Oakes** – 9/22 0734 – Out of the news, followed by weather forecast including: "Right now at the broadcast center in Valley City it's 35, it's 34 in Oakes, 33 right now in Jamestown. I'm Ian Carrington." (JDS-MN)
- 1250 KCUE MN **Red Wing** – 9/24 0059 – Good with some fade, with C&W music, LID including "Bluff Country" slogan, ad for Red Wing Chevrolet, ABC news at ToH and local weather with Anthony Cramer. This station is only 110 watts night power on a crowded frequency but was completely by itself tonight thanks to the Double Kaz. NEW, and at 186 miles had been one of my most sought-after unlogged stations – until tonight. (BD-WI)
- 1300 KLER ID **Orofino** – 9/9 0753 – "...the best country music around, guaranteed - AM 13 KLER" and into C&W tune. Fair, mixing with XEP and others. (JW-CO)
- 1320 KOZY MN **Grand Rapids** – 9/22 0805 – News ending with "Joan Bennett ABC news." Into commercial for Dales Auto Body, Highway 2 West, Grand Rapids. Followed by "News brought to you by The State Bank of Grand Rapids. This is KOZY, KMFY news director Michael Davis with Week in News" (JDS-MN)
- 1340 KDLM MN **Detroit Lakes** – 9/22 0822 – New; fades in "1340 KDLM weather forecast brought to you by Precision Printing." Then fades out. Graveyard station 162 miles. (JDS-MN)
- 1450 KAVP CO **Colona** – 9/9 0859 – Legal ID at 0859:50. "You're listening to KAVP Colona-Montrose 1450 AM, your Most Valuable Player, ESPN Radio" and into ESPN Sports Center at ToH; another local ID at 0903, then into John Kincade show on ESPN (not // to KEPN, our local ESPN on 1600). (JW-CO)
- 1550 KRKE NM **Albuquerque** – 9/9 0215 – Noted on new frequency, ex-1600, with 60's oldies and frequent "Cool 107.5" slogan ID's. Check of FCC database verifies this frequency shift. (RV-TX)
- 1550 KZRK TX **Canyon** – 9/9 0304 – CL ID by man caught up out of the mud, but not much else. (RV-TX)
- 1600 KEPN CO **Lakewood** – 9/15 2300 – Noted with Fox Sports Radio and "1600-The Zone" slogan. (RV-TX)
- 1600 KIVA NM **Albuquerque** – 9/9 0230 – Noted on new frequency, ex-1550, with Coast-to-Coast AM. Series of promos and local ads just prior to TOH with several "Rock of Talk" slogan IDs; with full ID at TOH. Check of FCC database verifies this shift; it appears that KRKE and KIVA have swapped frequencies. (RV-TX)
- 1660 KUDL KS **Kansas City** – 9/15 1200 – Noted with AP News after TOH ID then Bloomberg Radio. Fair but fading to poor with daylight's march across the Midwest in mix with dominant KRZI-TX. (RV-TX)
- 1660 WBCN NC **Charlotte** – 9/15 0713 – Peeked up with station promo by man with CL; during fade of KRZI and KQWB. I just caught this while reviewing my WAV file; in the old days it would have been gone forever. (RV-TX)
- 1660 KQWB ND **West Fargo** – 9/15 0705 – In with True Oldies Channel, with 70's pop/soul a la Barry White, King Harvest, Rod Stewart, et al. Local ID at 0715 "...KQWB, playing the greatest hits of all time", fair-poor in mix with KRZI-TX. (RV-TX)
- 1660 KRZI TX **Waco** – 9/15 0800 – TOH ID announced //-100.9 FM and KTAE 1330-AM Cameron, TX. Still ESPN Radio using "ESPN Central Texas" slogan. (RV-TX)
- 1680 KRJO LA **Monroe** – 9/15 0645 – Noted with Bloomberg Radio into PSA's then TOH ID "This is where Monroe gets its news; the all-new Newsradio 16-80, KRJO, Monroe-West Monroe; Monroe's information station.", and into Bloomberg Radio News. Good to very good after power change to daytime power. (RV-TX)



Thanks to all of this week's contributors. See you next time. (IDT-WA)

Membership Renewals

Your subscription expiration date is on the back cover. Renewals go to NRC Headquarters, P.O. Box 473251, Aurora, CO 80047-3251. Rates are also on the back page. You can also order online using PayPal – go to <www.nrcdxas.org>.

Order e-DXN in addition to (or instead of) your subscription to the paper edition, and get DX News in PDF form (and in full living color!) a full week before the masthead publication date.

You can use the opportunity to order publications too – just a single check is necessary.

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.

Pan-American DX

- 540 **MEXICO** XETX Nuevo Casas Grandes, Chih. SEP 23 1210 - Federal PSAs for Derechos Humanos and vacunas (vaccinations), mentions ranchera and 90.5 FM, DJ with cabina phone numbers; loops WSW/ENE, i.e. per Cantú: XETX *La Ranchera de Paquimé* + FM 90.5. [Hauser-OK]
- 570 **MEXICO** XEJB Monterrey, NL SEP 21 1153 - Modern brass band music seems unusual; loops SSW mostly over KLIF, 1154 cut to announcer talking about "día mundial de la paz" (which is indeed today), and sports, game times for various Mexican teams including Monterrey, also about European fútbol, and "fútbol americano en nuestro país" i.e. as played in Mexico (by college teams?). Probably per Cantú: XEJB *Radio 570* - as the second possibility in Torreón is top-40 musical. [Hauser-OK]
- 590 **MEXICO** XEPH *Sabrosita 590*, México, DF SEP 17 1104 - Male DJ singing along with the vocals, canned station URL, slogan, also "la más caliente 590" alternate slogan often. Excellent with *R.Musical Nacional* Cuba nulled. Long ad string, including something political, into "la Vida es un Carnival" by Celia Cruz. Music format is salsa/tropical, refreshing for a Mexican. Also, several "590 Sabrosita" mentions. [Krueger-FL]
- 610 **MEXICO** XEBX Sabinas, Coah. SEP 26 1202 - PSA, ID as Radio... (lightning crash) de Coahuila, ad mentioning Sabinas and Nueva Rosita, 7:02 time check. So it's XEBX *La Primera* per Cantú, not the other Coahuilan. [Hauser-OK]
- 620 **MEXICO** XEBU Chihuahua, Chih. SEP 24 0525 - Rhyming slogan "ahorita la Norteñita, BU, 91.7 FM y 620 AM." SEP 26 1203 - National anthem and then Chihuahua anthem, 1204 full ID as *La Norteñita*, XHBU 91.7 25 kW, y XEBU 620 10 kW, and onward with Noticias Mega-Radio. [Hauser-OK]
- 640 **MEXICO** XEHHI Hidalgo del Parral, Chih. SEP 26 1203 - Partial ID mentioning Principales and FM 99. something, which fits only for this in Cantú: XEHHI *Los 40 Principales* + FM 99.3. [Hauser-OK]
- 660 **MEXICO** XEFZ Monterrey, NL SEP 20 1128 - A guy speaking slowly and deliberately unlike most Spanish, apparently a local political commentator, mentions that ex-president "Gustavo Díaz Ordaz vino a Nuevo León," i.e. came to NL, implying that he is located there. Still going past 1131, 1138 as interference is growing. On that flimsy evidence I make it tentatively per Cantú: XEFZ *ABC Radio*. SEP 23 1208 - "Radio 660 AM, gruporadioalegria.com," i.e. XEFZ again, despite *Radio 660* also being slogan of a Oaxacan; then a familiar Brazilian song. [Hauser-OK]
- 690 **MEXICO** XEN *La 690*, México, DF SEP 24 1056 - Anthem at tune-in, male canned, "XEN... 690 AM... 50 mil vatios de potencia... Desde Ciudad de México... colonia... de Grupo Radio Centro..." rooster crows 1101. [Krueger-FL]
- 720 **MEXICO** XEJCC Cd. Juárez, Chih. SEP 6 1200 - National anthem in progress; ID at 1201:30, with call letters, frequency, power, (10 kW), and address per WRTH; hard to copy verbatim due to the sound effects; into talk right after ID; signal faded and came back up around 1212, when there was a UTC-5 time check and mentions of *R.Centro 1030* (Mexico City), so apparently relays this station (XEQR) at this time. Good strength on peaks. [Wilkins-CO] SEP 26 1209 - Mention *R.Centro 1030*, but then "720 Extremo," and song, i.e. per Cantú: XEJCC *Extremo 720*. Also interference from another Spanish further east, probably XEDE if not KSAH. All these logs marred by lightning crashes from storms further east in Oklahoma. [Hauser-OK]
- 730 **MEXICO** XEHB Hidalgo del Parral, Chih. SEP 21 1147 - Automated time check for 5:47, full ID/promo for *La Ke Buena*, 107.1 FM y 730 AM, Radiorama Parral, with street address, another time check for 5:48, more K.B. promotion by a child's voice. The former *R.Viva Villa*, as now updated in Cantú. [Hauser-OK]
- 730 **MEXICO** XEX México, DF SEP 23 0508 - Sports talk in Spanish looping SSW, mentioning el torneo, fútbol mexicano. Instead of usual XEHB heard on this frequency, it's XEX in its latest format, deportes, as TDW, standing for Televisa Deportes W - why not TDX? Evidently the prime XEW brand overrides it. Despite all the other Mexicans and Americans

allowed on 730 now at night, this one is still allegedly 100 kW non-direxional day and night (but it really doesn't dominate). [Hauser-OK]

750 **MEXICO** XECSI Culiacán, Sin. SEP 25 0559 - Mexican national anthem, 0601 on to a state anthem, 0603 no ID but a patriotic Mexican PSA, then 0604 ID as *Extasis Digital*, 89.5 FM y 750 AM; loops NE/SW. So of two E.D.'s on 750, it's not XEKOK in Acapulco whose FM is on 107.5, but per Cantú: XECSI *Extasis Digital* + FM 89.5. [Hauser-OK]

760 **MEXICO** XEES Chihuahua, Chih. SEP 21 0558 - Choral national anthem loops NE/SW and cannot null out KCCV ID from Kansas City. Based on direxion and likelihood that this would be played at local midnight = UT -6 zone, can only be XEES. [Hauser-OK]

780 **MEXICO** XEWGR Monclova, Coah. SEP 25 0504 - A state anthem is playing, SAH with WBBM mostly nulled; seems to be N-S but too much interference; 0505 timecheck as 12:05 and full ID, but all I could copy for sure was power of 10,000 vatios. In Cantú that fits for XEWGR. And the only other 10 kW on Cantú is a daytimer in Oaxaca, much further and less likely. [Hauser-OK]

800 **MEXICO** XEROK Cd. Juárez, Chih. SEP 27 1207 - No problem surpassing KQCV when nulled, "XEROK, Radio Cañón, la estación más potente del norte de México, 50,000 watts," then opening newscast called "Calibre 800," over and over, "el mejor noticiero de la radio." Not sure about that name, maybe contraction of "canal libre" which this hardly is, any more. As for the name "Cañón," not in the sense of canyon, but in the sense of blasting in like a cannon. Surely there are some other 50 kW stations in northern Mexico; back when it was 150 kW the claim would have been true, unless XERF was then 250 kW. [Hauser-OK]

830 **MEXICO** XEIK Piedras Negras, Coah. SEP 21 1202 - Mentioning several AM and FM frequencies, including Piedras Negras, 92.9, Monclova, and a call-letter website which I won't quote as copied since it doesn't work. It's the Coahuila cluster as discussed in a previous log. [Hauser-OK]

860 **MEXICO** unID SEP 25 0600 - National anthem is playing. Based solely on the likely presumption that it's local midnight, i.e. UT-6 zone, of the 14 or 15 stations on 860 in Cantú it's one or the other of these two: XEZOL *860 Noticias*, or XENW *Máxima*. [Hauser-OK]

880 **MEXICO** XETC Torreón, Coah. SEP 27 1205 - Crime news referring to Torreón and sister city Gómez Palacio, ergo per Cantú: XETC *Kiuu* + FM 91.1. I am still curious where that strange non-Spanish name *Kiuu* comes from (and which I have yet to hear mentioned on the air). Website www.kiuu.gremradio.com.mx. Logo of a circle with a tail implies it's merely a way of misspelling the letter Q in English so it will be pronounced in Spanish as if it were English. Could be it is also masquerading as a U.S. station with an unofficial K-call (like some Canadians do), so is there a real KIUU? Not on AM or FM, says FCC. [Hauser-OK]

900 **MEXICO** XEDT Cd. Cuauhtémoc, Chih. SEP 27 1218 - SEP and IFE PSAs, "lo mejor de la música country, Hits..." (lightning crash), and then a C&W song in English; WSW. So it's one of my regulars, as in Cantú: XEDT *Hits FM* + FM 98.3. [Hauser-OK]

920 **MEXICO** XEHQ *Los Número 1*, Hermosillo, Son. SEP 25 1105 - In the jumble of Mexicans and domestics, a clear XEHQ by male announcer bubbled up. Listed as 5000/1000 watts. Slogan is listed on C*antú's site as well as 97.1 FM affiliate. 2012 WRTH lists slogan as *R.Capital*. [Krueger-FL]

920 **MEXICO** XELE *La Preferida*, Tampico, Tamps. SEP 25 1107 - Mostly the dominant one today with male and female news readers, rooster and sirens 1111, "la Prefereida, la Preferida... punto 9" at 1119, into Mexi-tune. Cantú lists simulcast with 105.9 FM. [Krueger-FL]

920 **MEXICO** unID SEP 24 1105 - Seemingly open carrier, up with anthem 1106, faded before ID. Mexi-tunes heard poorly 1114-1120 but it could have been any of the others on this channel. [Krueger-FL]



960 **CUBA** *R.Rejoj*, Guantánamo SEP 26 0043 - Very poor under domestics; presumed site. [Krueger-FL]

980 **MEXICO** XEFQ Cananea, Son. SEP 26 1228 - IMER promo mentioning FM y AM, which is all we need to easily ID once again XEFQ *La Voz de la Ciudad del Cobre*, 2500/500 watts on sunrise skip (LSR Enid = 1223 today). [Hauser-OK]

1150 **MEXICO** XEAD Tonalá, Jal. SEP 25 0409 - Good peak over XEUAS with woman talk, "Metrópoli" and "Radio Metrópoli" slogans, CDT time check. [Knight-AZ]

1180 **MEXICO** XEDCH Cd. Delicias, Chih. SEP 25 0429 - Briefly good. Full ID, "Nombre: Que Buena. Frecuencias: 95.3 FM y 1180 AM. Siglas: XHDCH FM y XEDCH AM. Dirección..." etc. Still using XEDCH, not XEJK per Cantú. [Knight-AZ]

1260 **MEXICO** XESA Culiacán, Sin. SEP 25 0415 - Very good signal. English and Spanish dance music and vocals, "Exa FM 101.7 y 1260 AM" by man, back to dance music. [Knight-AZ]

- 1410 **MEXICO** XECF Los Mochis, Sin. SEP 24 1211 - News about Mexico, time check for 6:11, promo, mentions Angostura in news; loops WSW. Per Cantú the only possibility in UT-6 zone is XECF *La Mexicana* + 93.3 FM. Overcoming the co-channel and second adjacent interference from local 1390 KCRC is an achievement, with only 500 watts? Maybe it's officially daytime there, tho not really. And there is a city called Angostura in Sinaloa, tho I am sure there are others. [Hauser-OK]
- 1450 **MEXICO** XECU Los Mochis, Sin. SEP 27 0406 - Fair peaks above mess. Ranchera music, full ID mentioning XHECU 91.7 FM and XECU 1450 AM. I also thought they mentioned "950 AM," several "La Rancherita" slogans. [Knight-AZ]
- 1650 unID SEP 24 1204 - Romantic music in Spanish, "la música continúa sin comerciales, en María(?)." Not at all sure of that name, probably wrong. Seems to be from east-west, but I also need to null local 1640 KFXV which is SSE, so that may be skewed. Could be KSVE El Paso, NRC AM Log listed with romántica format; or maybe KXOL Brigham City - not the other two U.S. Spanish stations which are religious. However, it's hard to imagine such stations announcing proudly as non-commercial. New XEARZ in Mexico City has been doing just that, per reports. As in non-profit, per Cantú: "1650 XEARZ Zer Radio 5,000 watts. Permissionada (sin fines de lucro) pero parte de Grupo Zer." [Hauser-OK]

Trans-Atlantic DX

- 774 **UNITED KINGDOM** *UK Gold Radio*, Gunthorpe SEP 26 0216 - Nicely on top of the jumble, with Dire Straits' "Sultans of Swing," then Petula Clark's "Don't Sleep in the Subway." Immediately checked online playlist and, sure enough, the songs lined up. Listened for a further 15 minutes and the station held up well, especially for 0.6 kW and over 4400 km. [Taylor-PE]
- 792 **FRANCE** *France Info*, Limoges SEP 28 0059 - Fair; easy listening instrumental, fanfare and news parallel stronger 945 kHz. [Conti-NH]
- 855 unID SEP 24 0400 - Poor; deliberate announcement by deep-voiced man in unID language and music, not parallel RNE Spain frequencies. Romania at this hour? [Conti-NH]
- 882 **UNITED KINGDOM** *BBC R.Wales*, Washford et al. SEP 26 0400 - In WCBS splash with female spoken ID "BBC World Service," then into news. [Taylor-PE]
- 1089 **UNITED KINGDOM** *TalkSport* synthros SEP 28 0400 - Good; "On DAB digital radio, and 1089 and 1053 AM, TalkSport," and time check into news headlines, "It's 5 o'clock on TalkSport..." [Conti-NH]
- 1116 **SPAIN** *SER* synthros SEP 24 0300 - Fair; talk in Spanish continuing through time marker on the hour. [Conti-NH]
- 1134.7 unID SEP 27 2250 - Producing a het against nominal 1134 kHz. 1134.003 Croatia noted earlier, now 1134.000 Spain with het from 1134.7 kHz. [Conti-NH]
- 1215 **UNITED KINGDOM** *Absolute Radio* synthros SEP 24 0400 - Good; end of ad string, "You're listening to Absolute Radio." [Conti-NH]
- 1377 **FRANCE** *France Info*, Lille SEP 25 0400 - Good; *France Info* mention, fanfare, and le journal news, parallel a weak 1206 kHz. [Conti-NH]



Hauser searches the oceans: Transatlantic carrier search SEP 25 at 0539, stepping up on the DX-398 at 9 kHz intervals, USB mode slightly detuned to detect same carrier pitches: 549, 558, 693, 936, 1116, 1125, 1197, 1206, 1215 kHz. Strongest one was 1206, but when I got back to it, not enough for audio. Then tuning up in LSB mode at 0544: only one audible is 1053 kHz. No doubt much better earlier before Euro sunrising. Transpacific carrier search SEP 26 at 1156-1200 UT found some: 594, 747, 828, 1044 kHz. 747 was briefly strongest; nothing on 738 kHz.

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.

Chris Knight N0IJK, Phoenix AZ; Drake R8, Micro-SuperLoop antenna on PVC frame (6 x 6-ft), 9:1 xfmr on south bottom corner to speaker wire then to 2:1 xfmr to Quantum Phaser (used as an amplifier), 9:1 xfmr on bottom north corner to speaker wire to 500-ohm null adjust potentiometer.

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

Brent Taylor, Stratford PE; SDR-IQ and Icom R-75 (Kiwa mods) with 16 x 60 corner-fed loop.

John Wilkins, Wheat Ridge CO; Drake R8, 4-foot box loop.

DX Tool Box

Shawn Axelrod amandx@mymts.net
 30 Becontree Bay
 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 43.

This Month's Radio Saying: "The following radio program is closed captioned for the thinking impaired."

SDR Loggings and Tips

These loggings from older SDR captures by Kraig Krist, KG4LAC Manassas, VA (USA) using a WiNRADiO G33DDC SDR receiver with a homemade 134 foot multiband antenna running NW to SE. www.kg4lac.com

These are from May 26, 2010 0055-0610 (Eastern time):

- 590 WEZE MA **Boston** – Mixing with Cuba, oldies, and other talk. Man at 0159: "AM 5-90 The Word WEZE Boston, a service of Salem Communications."
- 620 WDAE FL **St. Petersburg** – Mixing WRJZ, WSNR, and R. Rebelde. Man at 0100: "This is the home of the Rays. 6-20 WDAE Saint Petersburg. An I heard radio station." [Maybe an "I-Heart Radio Station?" – DY]
- 620 WSNR NJ **Jersey City** – Mixing with WRJZ, WDAE, and R. Rebelde. Man at 0200: "The opinions expressed herein don't necessarily reflect ... 6-20 WSNR or its management."
- 670 WWFE FL **Miami** – Mixing with singing and R. Rebelde; WWFE with Spanish programming. Man in English at 0156: "This is WWFE 6-70 AM Miami." ID repeated in Spanish.
- 680 WCBM MD **Baltimore** – Mixing with WPTF and music; "Michael Savage Show."
 WPTF NC **Raleigh** – Mixing with WCBM and music; "Dr. Joy Browne Show." Man at 0057: "News Radio 6-80 WPTF and WPTF-dot-com."
- 690 WIST LA **New Orleans** – Mixing with singing, talk, and Cuba; WIST with Yahoo Sports Radio. Man at 0127: "AM 6-90 WIST New Orleans."
- 790 WVCD SC **Bamberg-Denmark** – Mixing with WNIS and R. Reloj; WVCD with Gospel singing. Woman at 0100: "WVCB Bamberg."
- 860 WAOB PA **Millvale** – Mixing with CJBC, WEVA, and R. Reloj; WAOB with religious talk. Man at 0159: "WAOB 8-60 AM."
 WEVA VA **Emporia** – Mixing with CJBC, WAOB, and R. Reloj. Man at 0100: "... 1985 and still going strong. This is WEVA Emporia," into CBS news.
- 900 WCPA PA **Clearfield** – Mixing with CHML and Spanish singing; WCPA with oldies. Man at 0157: "Your favorite music you love ... on WCPA."
- 910 WTMZ SC **Dorchester Terrace** – Mixing with WEPG, Yahoo sports, other talk, and Spanish; WTMZ with typical ESPN radio programming. Man at 0200: "ESPN Radio 9-10 WTMZ Dorchester Terrace, Brentwood ... Park ... radio network."
 WEPG TN **South Pittsburg** – Mixing with WTMZ, Yahoo Sports, other talk, and Spanish; WEPG with C&W songs. Man at 0158: "WEPG South Pittsburg."
- 930 WBEN NY **Buffalo** – Mixing with WDLX, religious singing, and R. Reloj. Man at 0104: "News Radio 9-30 WBEN and 1 oh 7 point 7 FM WBEN."
- 940 WMAC GA **Macon** – Mixing with WGFP, singing, and Cuba; WMAC with "Red Eye Radio." Man at 0200: "News Talk 9-40 WMAC."
 WGFP MA **Webster** – Mixing with WMAC, singing, and Cuba; WGFP with C&W songs. Man at 0058: "9-40 WGFP."
- 960 WELI CT **New Haven** – Mixing with WTGM, WFIR, and R. Reloj; "Coast to Coast AM" echo effect with same on WFIR. Man at 0058: "News Talk 960 WELI and WELI-dot-com."
 WTGM MD **Salisbury** – Mixing with WELI, WFIR, and R. Reloj; WTGM with typical ESPN Radio programming. Man at 0159: "Be sure to stretch out before listening. We don't want you to pull a hammy. ESPN 9-60 The Sports ...," then woman: "WTGM Salisbury." [Probably "The Sports Animal" as per 33rd Ed. Log. – DY]
- 970 WESO MA **Southbridge** – Mixing with WBGG and religious singing. Man at 0059: "The latest weather forecast ... recorded at WESO AM 9-70, your business station."

- WBGG PA Pittsburgh** – Mixing with WESO and religious singing; typical ESPN Radio programming. Man at 0130: "Pittsburgh's new 9-70 ESPN."
- 980 WAAV NC Leland** – Mixing with WTEM and singing; man at 0133: "... only on 9-80 The Wave," "Red Eye Radio."
- 990 WEEB NC Southern Pines** – Mixing with CKGM and Cuba, "Coast to Coast AM."
CKGM QC Montreal – Mixing with WEEB and Cuba. Man at 0057: "... only on TSN 9-90."
- 1010 CFRB ON Toronto** – Mixing with WINS and singing. Man at 0100: "This is 10-10 Toronto."

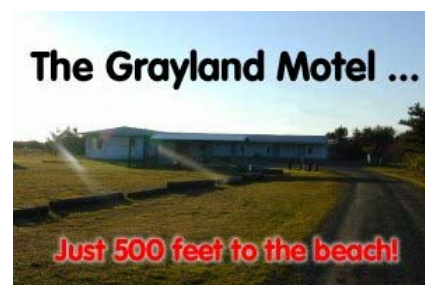
And these from July 15, 2012 at 0055-0305 EDT:

- 1230 WCRO PA Johnstown** – Mixing with Fox Sports and other talk; WCRO with oldies. Man at 0106: "... University of Pittsburgh ... you're listening to 12-30 WCRO"
- 1340 WOOW NC Greenville** – Mixing with WNCO, Fox Sports, singing, oldies, and religious talk; WOOW with Gospel singing. At 0239 ad for "Moore's Body Shop, 1400 14th Avenue, Greenville"

Bits and Bites from the NRC listserv:

Bill Whitacre bw@his.com Recent DXpedition to Grayland, WA & Florence, OR

From July 31 – August 2 I visited Grayland, WA and Florence, OR. At each location I set up a Perseus and a an 'extended DKAZ' antenna pointing at 235 deg -- towards Hawaii and the south Pacific [Aus/NZ]. The best day, of course, was the last day and I have put sound samples from 1300 UTC up through 1280 kHz from both Grayland and Florence on a webpage for comparison: http://realmonitor.com/am_logs_grayland6.php I'll be adding more as time permits. The Grayland location was the famous Grayland Motel and Cottages and the location near Florence was a place called Sans Suci at about 800ft. elevation and back about 1000ft. from the Pacific. There are Google Map links to both sites on the webpage above. Also on the webpage are links to stats [stations logged, countries logged, stations/country, etc.], a Google Map view of the loggings and something I call AzBar which is a bar graph of the number of loggings at given azimuth ranges a good way to visualize how an antenna works. There is also a link to a PDF drawing of the extended DKAZ antenna, designed by Neil Kazaross. It is the best single-element, non-phased antenna I have ever used. It's pretty easy to erect and without phasing doesn't give me the opportunity to screw things up! What it does require though is some tweaking of the termination resistance – Rt. I know there's been a lot of interest recently in cliff side DX'ing. Perhaps some of the data in this report will let you compare simultaneous loggings from two locations at very different elevations. Unfortunately, the locations were also about 6 hours drive from one another so I make no claims on the issue based on these loggings but I won't be forsaking the Grayland Motel anytime soon!



Gary DeBock d1028gary@aol.com Re: Recent DXpedition to Grayland, WA & Florence, OR

Hi Bill, Thanks very much for your detailed investigation of relative DU signal strengths at the 800 ft. high ocean coast elevation near Florence and at the much lower elevation near the Grayland Motel. I'm sure that your detailed work will be very helpful in clarifying the principles affecting ocean cliff propagation. Thanks also for posting the links to many Australian and New Zealand signal recordings made at each location, all of which are most interesting. Having recently gone through the process of recording and posting many MP3 recordings from the recent Cape Perpetua ocean cliff DX'pedition, I can certainly appreciate all the time and effort that was required. In regard to the relative signal comparisons, the DKAZ antenna seems to have done a great job at both locations, and I'm surprised that the San Suci recordings at 800 feet do not show much of a signal advantage over the Grayland recordings near sea level. I would have loved the opportunity to set up at the Cape Perpetua ocean cliff site with the PL-380 and 8" FSL antenna (the same combination used during the recent trip to receive DU's at very strong levels) at exactly the same time, and record some MP3's to add to the comparison. I have no doubt that the PL-380 + 8" FSL combination would lose out miserably to the Perseus SDR + DKAZ antenna combination at either of your locations if there was a relative reception comparison, but because of the FSL antenna's unique ability to set up at the very narrow ocean cliff site at Cape Perpetua it apparently was able to tap into DU propagation of highly unusual strength, even with the modest Ultralight radio receiver. With the much more sensitive Perseus SDR the 8" FSL may well have produced legendary DU signals at the ocean cliff site, instead of the booming ones that were overloading the modest PL-380's front end. Most of us have had the experience of listening to a distant AM radio station on a

sensitive car radio while we go up a steep hill. If the distant AM station is located in a direction down slope from the hill we usually can hear the weak station's signal strength rise dramatically as we go up the hill in our cars. This dramatic effect usually stops at the top of the hill, though, and as we go further away from the hill the weak AM signal begins to drop off again. It will be very interesting to run more tests on ocean cliff propagation to see if this same effect applies to DU and TP signal boosts. Thanks again for your detailed work, Bill, which is much appreciated. 73, Gary DeBock (in Puyallup, WA)

Russ Edmunds wb2bjh@yahoo.com Re: Recent DXpedition to Grayland, WA & Florence, OR

The experiences of many of us on the East Coast is similar – you don't have to go very far inland at all to lose the TA's that you have at the shore. I can remember back before digitally-tuned radios that you could tune in a TA on the car radio on a good split channel at the shore, and lose it a short way inland. Russ Edmunds 15 mi NNW of Philadelphia.

Russ Edmunds wb2bjh@yahoo.com Re: Recent DXpedition to Grayland, WA & Florence, OR

Elevation almost NEVER hurts. In combination with sea gain, it can be awesome. Somebody years ago took a portable up to the top of a lighthouse right on the shore up in New England and compared between reception on the ground and at the top, but as far as I know that isn't documented except in some brief description somewhere in one or both of the bulletins. Russ Edmunds

James Niven jniven@austin.rr.com How do you keep track of your DX loggings for AM, FM?

Hello All, I want to begin a discussion on "How do you keep track of your DX Loggings?" Do you use a spreadsheet, notebook, database etc? How about your DX recordings, do you keep a list of your recordings via the same log method or something totally different. Are your recordings tied back to your DX logging? Also, what do you record as your logging entry? Date, Call, City, Time etc. Do you break your loggings out by cities you have lived in? How do you summarize your totals by Country, then state, new stations, call changes? Just curious!! I will start it off. When I started DX'ing Broadcast stations in 1975 I used an accountant notebook with the many columns per page. I would record, date of logging, Call sign, city and Country, then Frequency, time and if I was chasing a QSL, date I received a reply from the station. I had a column for comments of the logging and location I heard the station. I then discovered MS Access database and learned how to create databases. I converted all my notebook loggings to my newly created access database, which has been a blessing indeed. Using a database has made summarizing my totals so simple. Within the database I have linked all my recordings back to the particular station log. I have done the same for my shortwave loggings also!! This is my "Geeky Method" but works for me!! Who's nextto discuss their method? Kind Regards James Niven Austin, Texas www.fmradiolog.com

Russ Edmunds wb2bjh@yahoo.com Re: How do you keep track of your DX loggings for AM, FM?

James already knows the answer for me, but for others I'll pick it up. I started with individual 3 x 5" index cards for each station heard. That got me through my time DX'ing in Northern NJ, but when I re-started about 6 years after moving here, I switched to a Lotus spreadsheet format, then later to Excel, and now with some help from James and several others, I use Access, and I agree with everything he's said about it. While I track my recorded logs as well as my verifications in the database, I don't link them, mostly because it would be a lot of effort to do, and I don't see much of a benefit. My recordings are mostly in mp3 format although I do still have about 10% of my NJ recordings still on reel to reel tape which will ultimately also be converted to mp3.

I capture frequency, calls, city, state, country, date and time of reception, description of the details heard, whether recorded or Verified, and slogan as applicable. Each entry also indicates each first-time logging so that I can use that to produce reports. My FM log went into Access first (for FM I also capture distance and grid square) owing to a smaller number of logs and less variation in how I'd maintained them previously, and it's much easier to work with. The AM is partially into Access, and should be all the way there within another month or so. Russ Edmunds 15 mi NNW of Philadelphia

Jim Renfrew jrenfrew@rochester.rr.com Re: How do you keep track of your DX loggings?

Jim Renfrew, Holley NY I use Excel spreadsheets for LW, MW, FM, TV and SW. When I shifted to Excel for my MW logs, it was many weeks of typing entries. Since I have lived in this area since 1976 there is no need to note my listening location. My logbooks previous to 1976 in other locations were handwritten in order of frequency. Excel, of course, allows for re-ordering the log by any category. I keep it in chronological order of the reception dates as the default. I do not link to anything outside of the spreadsheet, though it would be cool to do so, especially recordings or TV

photos. I'm afraid that such a project must wait for my next life. I'd have to trawl through miles of cassette tapes, recording them to computer sound files, and then figuring out how to link them. If I had started from scratch linking recordings to the log that would have been much easier. But my DX'ing began 20 years before I owned a computer. Here's how I set up Excel columns for MW:

RECORD NUMBER (this is, in effect, the chronological order)

QSL (one star means "sent:", two stars means "barely verified", three stars "mostly verified", four stars "fully verified", special suffix in this column is T = taped. In the FM log the additional suffix of S = RDS Decoder screenshot is used. In the TV log there are separate columns for QSL and PHOTO, Q = sent and QSL = received. "PHO" means good photo, "pho" means I'd love to have a better photo than the snowy one I've got! By the way I use a slip in photo album for TV, the top spot on each page is the photo, and the bottom spot is the QSL. This album is organized in channel order.

CHANNEL/FREQUENCY (In the TV log there is also an offset column and now an additional column for the false channel. e.g. WGRZ is received on channel 33 but still brands itself as channel 2.

CALL LETTERS (call changes are also listed as separate entries, in smaller font and with italics)

COUNTRY (I use the ITU three letter country abbreviations)

STATE/PROVINCE LOCALITY ANTENNA AUTHORIZATION (Medium Wave only, D-1, U-3, etc) DAY POWER (In the FM and TV log there is one POWER entry) NIGHT POWER (In the FM and TV log there is also a HAAT entry)

DATE TIME (Glenn would shudder, but I've always used ELT. I think UTC is better, but I'd have to go back and convert thirty six years of times and dates in 2400 entries to fix this)

COUNTY (I actually have a US counties map in which I color the counties received, so I like to know this information)

MILEAGE (mostly included on the FM and TV logs, not so much used in the MW log) In the FM and TV logs there is also a column for MODE, e.g., Tr, Es, Ms, 2Es. In the FM log there is a column for PI CODES. In the SW log there are a number of transmitter location unknown entries. When the transmitter site is somewhat speculative I enter it in small case. There are many other things that could be added, like transmitter coordinates (see previous comment about my next life), actual transmitter location, network (this is included in the TV log), and additional info like previous call letters, something about what I heard at the time or the prevailing conditions. My only other log book is for Newfoundland DXpeditions. This is somewhat chaotic, in that I am still reviewing Perseus files from 2010 and 2011.



Ira Elbert New III ien3@hotmail.com Re: How do you keep track of your DX loggings for AM, FM?

I write down what I hear on whatever is handy at the time. I have stuff written on almost anything you can think of. When I make it to a computer, I type it up like this... IEN-GA Ira Elbert New, III, Watkinsville – Pioneer DEH – 7300BT In-Dash Audio System980 WRNE FL Gulf Breeze – 03/23/12 2000 – Contemporary R & B, and TOH ID. Good, clean signal that faded a bit after the ID. "This is WRNE, Gulf Breeze, Pensacola." (IEN – GA) I keep everything in WORD. Ira Elbert New, III Watkinsville, Georgia Proudly Serving You Since 1964

Frederick R. Vobbe Re: fvobbe@realoldiesradio.com Re: How do you keep track of your DX loggings?

I use the AM Radio log as my Log, but penciling in the date/time next to the station. I count transmitter facilities rather than call letters. So WCFL and WLUP both count as one. But WWJ counts for two as I've logged their old 5 kW site on 8-Mile and Coolidge, and also the new 50 kW site in Newport. I started putting them in the AM log so when I'm on a frequency I know what I have logged, and what is not logged. I use Access for other things, such as music research. One thing I prefer doing is to keep it simple. I know DX'ers who log the date, time, weather conditions, QRN levels, and comments on the reception. All of that is good, if you have the time. My schedule is often so busy, and I have irons in the fire, so all I want to know is "did I hear the station, and if so, when?" That's all that matters to me. To me, if it's a lot of work, it's not a hobby. It's work.

Shawn Axelrod amandx@mymts.net Re: How do you keep track of your DX loggings for AM, FM?

I have to agree on the K.I.S.S. (Keep It Simple Stupid) method of Logbook keeping. I have since I started in 1971 kept a paper logbook. It started out in High School with me using loose-leaf lined paper that I used a ruler on to make columns. Over the years it has evolved in to computer designed logbook sheet that I still fill out by hand. A copy of it is at:

<http://www.angelfire.com/mb/amandx/forms.html>

It has the usual info Frequency, Station/Callsign, Location, Date, Time, Signal Strength, Mode of Transmission, Information of what I heard and whether or not it was new or not. I have however collected up all the various stations I have heard over the years and put them onto an Excel spreadsheet. I used Excel because I was familiar with it and it is so flexible. For this project and yes I did go through each and every logbook sheet to compile my list (not for the faint of heart) and put together lists by type of DX for the electronic Logbook. It is at:

<http://www.angelfire.com/mb/amandx/shawnlogbook.html>

This is an abbreviated version of my hand written log pages with just basic info such as frequency station and location. No details or I would still be doing it. I am glad to see the variety of ways we do this as it shows that everyone can do it his or her way and still make it work. It is a hobby not work I could not agree more.

73 Best of DX Shawn Axelrod VE4DX1SMA, VEPC4SWL Winnipeg MB

Pete Taylor ptdx@comcast.net Re: How do you keep track of your DX loggings for AM, FM?

James, I use FileMaker Pro on a Mac. I think FileMaker is available for Windows. In any case, it is a data base. Everything is entered on the first page. Columnar forms can be created from it using any of the elements for whatever purpose I want. Entries: DtHd (date heard) TxHd (time heard) LH# (local heard #, like TW-009, Tacoma, Washington #9) (not currently maintained) LR# (local report #, as in TW-602) Call Freq Power Cont (Continent) SP (State/Province) City DV (date of Verie) Tp (Type, as in Q for QSL, L for letter, K of taped ID) VS (Verie signer) GY (I enter "G" if it is a graveyard station) TRptd (total reported) (not currently maintained) DX (distance in miles) PCoord (my coordinates) SCoord (station coordinates) As noted, I do not maintain a master "heard" list because I have DX'ed from many places and there are many duplicates. I also maintain a separate list of Veries (call letters only) of stations confirmed in Tacoma, frequency by frequency. This helps me avoid re-logs of ones I don't remember that I have heard before. I maintain a comparable file for beacons but do not go for beacon Veries. Prior to setting this up, each of the loggings was on a 3" x 5" card. It was laborious entering everything (you know all about entering time consumption!) but well worth it. I rarely write for QSLs anymore. Everything I log now is recorded on (gasp!) cassettes sequentially as logged. I maintain a list of recordings on Pages (comparable to Word). Hope this helps. I have multiple form formats for printing out by any of the items on the list above. As a Virgo, this works very well for me! Pete Taylor Tacoma, WA

James Niven jniven@austin.rr.com Re: How do you keep track of your DX loggings for AM, FM?

Thanks to all who replied to this thread, it's interesting to see the approach/methods you all use for tracking your logs. Excel is a very simply program to use for tracking your logs. Color coding using "Conditional Formatting" makes this task very simple; you just need to be creative. I also live in Excel daily for work, using many of the functions and formulas to make life easier. The Vlookup formula in Excel is a very powerful function and saves a lot of time as well. I like the County approach that Jim discussed, it is good to set goals to keep the interest and keep yourself motivated. Kind Regards James Niven Austin, Texas

Randy Stewart RandyStewart@MissouriState.edu Re: How do you keep track of your DX loggings?

Getting into the discussion late, but I entered my formerly paper-only logs into Excel a few years ago. Initial log-taking in front of the radio is still pen-and-paper, but the permanent entries are in Excel. I have separate Excel files for SW (which is a mixture of broadcasters, utes and hams), Longwave beacons, BCB (and the few Euro Longwave broadcasters I've logged), TV, and FM. Randy Stewart Battlefield MO

This Month's DX Tool Box Web Site is:

Radio West / Canadian Radio News, located at: <http://rwcrrn.com/>

This site is run by Dan Sys with help from Ted Wendland & Jon Pearkins in Canada. The site is full of all sorts of information regarding Canadian radio. Dan has a very eclectic site here with not only the latest updates for radio in Canada but also historical facts about radio the music business and Canadian music. Lovers of music from the Great White North will enjoy these great songs and videos. There are also music charts from yester-year and the stations that made them great. Dan also shares his collection of stickers from today and yesterday as well as audio clips of jingles. This site keeps you up to date with Canadian radio while letting you explore the stations of yesterday. It is worth the trip to see and hear it.



73 for this time Shawn

Remember On A Clear Day You Can Hear Forever

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

(continued from last issue)

Minnesota Vikings 2012 Paul Allen, Pete Bercich, Greg Coleman

<http://www.vikings.com/media-vault/radio.html> (8/10/2012)

570	WNAX-SD		KDLR-ND	1600	KDAK-ND	100.7	KIKV-FM-MN
620	KMNS-IA	1250	KBRF-MN				KMLO-SD
650	WNMT-MN	1260	KROX-MN	93.3	KBLB-MN	100.9	WCMP-FM-MN
660	KEYZ-ND	1270	KFAN-MN	94.1	KXLP-MN	101.1	KBHP-MN
710	KXMR-ND	1300	KGLO-IA	94.3	KKIN-FM-MN		WHSM-FM-WI
780	KWOA-MN	1340	KDLM-MN	94.5	WELY-FM-MN	101.7	KRCH-MN
790	KFGO-ND		KWLM-MN		KPLO-FM-SD	101.9	KRWK-ND
880	WMEQ-WI	1380	KAGE-MN	94.7	KSKK-MN	102.1	KCAJ-FM-MN
930	KSDN-SD	1390	KRRZ-ND	94.9	KQDS-FM-MN	102.9	KBWS-FM-SD
1070	KVKK-MN	1400	KQDJ-ND	95.3	WXXZ-MN	104.1	KSDM-MN
1130	<u>KTCN-MN</u>	1440	KKXL-ND	95.7	KKOK-FM-MN		KBOT-MN
1170	KRUE-MN	1450	KBUN-MN	96.1	KQPR-MN	104.9	WLMX-FM-WI
1220	KDDR-ND		WELY-MN	96.9	KMFY-MN	105.1	KARL-MN
1230	KYSM-MN	1460	KXNO-IA	98.1	KBEW-FM-MN	105.7	KRAQ-MN
	KTRF-MN		KLTC-ND	98.3	KQYB-MN	105.9	KHRS-MN
	KWSN-SD	1490	KQDS-MN	99.1	WKFX-WI	106.3	KPHR-MN
1240	KICD-IA		KOVC-ND	100.3	<u>KFXN-FM-MN</u>	106.9	KARP-FM-MN
	WJON-MN	1510	KMSD-SD			107.3	KNUJ-FM-MN

New England Patriots 2012 Gil Santos, Scott Zolak

<http://www.patriots.com/media-center/radio-stations.html> (08/10/2012)

DO NOT REPRODUCE.

New Orleans Saints 2012 (EE) Jim Henderson, Hokie Gajan, Kristian Garic

New Orleans Saints 2012 (SS) Marco Garcia, Emilio Paralta

<http://www.neworleanssaints.com/news-and-events/saints-radio.html> (8/27/2012)

The list online is labelled "2010", but the Saints in response to my question said that the list is current.

<http://www.freqseek.com/nfl/nfc/new%20orleans-saints-radio-network.aspx> (9/5/2012)

I compared the official 2010 list with the freqseek list, and I found many differences. 15 stations only on freqseek, 13 only on neworleanssaints.com, and 16 in both, Below is the official list.

540	KMLB-LA	1370	WCOA-FL	94.1	KRLQ-LA	100.3	WTKE-FM-FL
620	WJDX-MS	1400	WFDM-FL	95.1	WQNZ-MS	100.7	WTGE-LA
830	<u>WFNO-LA</u> S		KAOK-LA	95.3	KQKI-FM-LA	105.3	<u>WWL-FM-LA</u>
870	<u>WWL-LA</u>	1440	WVGG-MS	96.9	KZMZ-LA	105.5	WNSP-AL
920	WBOX-LA	1450	WASK-IN	97.3	KMDL-LA	106.9	WRBE-FM-MS
1010	WMOX-MS			98.1	WMXI-MS	107.5	KXMG-LA
1130	KWKH-LA	92.5	KVPI-FM-LA	98.3	WJDR-MS	107.7	WAZA-MS
1240	KANE-LA	92.9	WBOX-FM-LA	99.3	KZTK-TX u		

New York Giants 2012 Bob Papa, Chris Carino, Carl Banks, Howard Cross

<http://www.giants.com/games-and-schedules/broadcast-information.html> (8/10/2012)

DO NOT REPRODUCE.

New York Jets 2012 (EE) Bob Wischusen, Marty Lyons, Larry Hardesty

New York Jets 2012 (SS)

<http://www.newyorkjets.com/news/radio-info.html> (8/10/2012)

710	KSPN-CA	1280	<u>WADO-NY</u> S	98.7	<u>WEPN-FM-NY</u>	104.5	WTMM-FM-NY
1040	WNJE-NJ	1310	WADB-NJ	101.5	WXHC-NY	105.7	WCHR-FM-NJ
1160	WPIE-NY h		WTLB-NY m	103.9	WRCN-FM-NY	107.1	WLIR-FM-NY
1200	WTLA-NY i	1410	WPOP-CT				
1250	WMTR-NJ	1440	WSGO-NY i				

Oakland Raiders 2012 Greg Papa, Tom Flores, Jim Plunkett

<http://www.raiders.com/media-vault/radio-network.html> (08/10/2012) Compass Media Network
DO NOT REPRODUCE.

Philadelphia Eagles 2012 (EE) Merrill Reese, Mike Quick, Howard Eskin

<http://www.philadelphiaeagles.com/multimedia/radio-information.html> (8/10/2012)

830	WEEU-PA	93.3	WBZD-FM-PA	97.3	WENJ-FM-NJ	106.9	WEZX-PA
1150	WDEL-DE	94.1	<u>WIP-FM-PA</u>	97.7	WAFL-DE	107.3	WEGH-PA
1360	WPPA-PA	96.1	WCTO-PA				
1490	WBCB-PA		WSOX-PA				

Philadelphia Eagles 2012 (SS) Rickie Ricardo, Felix DeJesus, Will Kulik

<http://www.philadelphiaeagles.com/multimedia/radio-information.html> (08/10/2012)

1680	<u>WTMM-NJ</u>
------	----------------

Pittsburgh Steelers 2012 (EE) Bill Hillgrove, Tunch Ilkin, Craig Wolfey

<http://www.steelers.com/news/radio-info.html> (8/10/2012)

560	WFRB-MD	1240	WIOV-PA	1480	WCNS-PA	99.3	WZXR-PA
590	WMBS-PA		WVSL-PA	1490	WESB-PA	102.1	WOWQ-PA
630	WJAW-WV	1320	WGET-PA	1590	WAMS-MD	102.5	<u>WDVE-PA</u>
680	WISR-PA	1390	WNIO-OH			103.1	WRSC-FM-PA
800	WCHA-PA	1400	WJET-PA	92.1	WOHF-OH	103.7	WCXR-PA
850	WNTJ-PA		WHGB-PA	92.3	WVSL-FM-PA	103.9	WMNI-FM-OH
920	WMMN-WV	1410	WHAG-MD		WXCR-WV	104.1	WPXZ-FM-PA
970	<u>WBGG-PA</u>	1430	WVAM-PA	92.7	WCCR-PA	104.3	W282AW-MD
990	WNTW-PA	1440	WGLD-PA	94.3	WUZZ-PA		WKNB-PA
1160	WCCS-PA	1450	WTBO-MD		WRLF-WV	104.9	WRKY-FM-PA
1170	WWVA-WV		WJPA-PA	95.1	WWGY-PA	107.5	WBVE-PA
1230	WCWA-OH	1460	WMBA-PA	95.3	W237DE-PA	107.7	WUUZ-PA
	WBVP-PA	1470	WSAN-PA	99.1	WRKW-PA		

Pittsburgh Steelers 2012 (SS)

<http://www.steelers.com/news/radio-info.html> (08/10/2012)

http://prod.static.steelers.clubs.nfl.com/assets/docs/Mexico_Radio_Stations.docx (08/10/2012)

The steelers.com site has no call letters for the Mexican Stations; the other has call letters. And I list all of these with "-MX" instead of with the abbreviation of the Mexican province.

1100	XEPO-MX	90.7	XHQOO-MX	97.3	XHCHI-MX	105.5	XHCMS-MX
			93.9	XHSC-MX	100.3	XHEN-MX	105.9
89.3	XHCC-MX	94.1	XHTLN-MX	103.1	XHMDR-MX	107.7	XHMN-MX
90.5	XKMIG-MX w	94.7	XHRP-MX	105.1	XHOLA-MX		
	<u>XEDA-MX</u>		XHOZ-MX				

St. Louis Rams 2012 Steve Savard, D'Marco Farr, Tony Softli

<http://www.stlouisrams.com/media-center/radio-shows.html> (8/10/2012)

930	WTAD-IL	1420	WINI-IL	93.5	KMYK-MO	101.1	<u>WXOS-IL</u>
940	WMIX-IL	1520	KRHW-MO	94.1	KPVR-MO	103.5	WXLN-IL
1170	KJXX-MO	1560	KTUI-MO	100.5	WSJD-IN q	104.3	KDBB-MO
1230	WHCO-IL	1580	KTGR-MO		KTGR-FM-MO	106.3	KRZK-MO
1250	KBTC-MO			100.9	WZUS-IL	107.1	WEAI-IL
1350	WJBD-IL	92.5	WKXQ-IL q				

San Diego Chargers 2012 (EE) Josh Lewin, Hank Bauer. Mike Costa

<http://www.chargers.com/media-vault/broadcasting-tv-and-radio/radio-network.html> (8/10/2012)

570	KLAC-CA	1250	KNWH-CA	1450	KHIT-NV	101.3	KATY-FM-CA
970	KNWZ-CA	1360	KWDJ-CA	1510	KSPA-CA	103.1	KVFG-CA
1100	KWWN-NV		KLSD-CA			105.3	<u>KIOZ-CA</u>
1140	KNWQ-CA	1370	KUPA-HI	94.3	K232CX-CA	107.5	KXO-FM-CA
1230	KGEO-CA	1380	KOSS-CA	96.7	KCAL-FM-CA		

San Diego Chargers 2012 (SS) -Adrian Garcia Marquez

<http://www.chargers.com/media-vault/broadcasting-tv-and-radio/radio-network.html> (8/10/2012)

1330	KWKW-CA	1590	XEHC-MX	89.9	XHSOL-MX	107.3	<u>XHFG-MX</u>
------	---------	------	---------	------	----------	-------	----------------

San Francisco 49ers 2012 (EE) Ted Robinson, Eric Davis, Rod Brooks
 San Francisco 49ers 2012 (SS) Melvin Moran, Matias Godinez, Marcos Guitierrez
<http://www.49ers.com/media-gallery/on-the-radio.html> (8/10/2012)
 DO NOT REPRODUCE.

Seattle Seahawks 2012 Steve Raible, Warren Moon, Jen Mueller
<http://www.seahawks.com/gameday/broadcasting/radio-network.html> (8/10/2012)

560	KPQ-WA		KVNI-ID	1400	KEDO-WA	92.1	KCRK-FM-WA
610	KONA-WA	1170	KPUG-WA	1420	KUJ-WA	92.7	KNCW-WA
710	<u>KIRO-WA</u>	1230	KCUP-OR	1430	KCLK-WA	96.5	KWLZ-FM-OR
750	KXTG-OR	1240	KOFE-ID		KBRC-WA	97.3	<u>KIRO-FM-WA</u>
800	KINY-AK		KSAM-MT	1440	KODL-OR	98.5	KEYG-FM-WA
840	KMAX-WA		KTIX-OR	1450	KLAM-AK	98.7	KUBQ-OR
920	KXLY-WA		KXLE-WA		KGRZ-MT	99.3	KIT-FM-WA
960	KLAD-OR	1280	KIT-WA		KONP-WA	99.7	KLMY-WA
1030	KMAS-WA	1340	KYLT-MT	1470	KBSN-WA	104.3	KMNT-WA
1040	CKST-BC	1380	KSRV-OR	1490	KWOK-WA		
1080	KUDO-AK f			1580	KGAL-OR		

Tampa Bay Buccaneers 2012 Gary Deckerhoff, Dave Moore, T. J. Rives
 I have not yet found an official 2012 network list.
<http://www.freqseek.com/nfl/nfc/tampa%20bay-buccaneers-radio-network.aspx> (9/5/2012)

Tennessee Titans 2012 Mike Keith, Frank Wycheck, Cldy Allison
<http://titansradio.com/sectional.asp?id=28041> (KY) (8/10/2012)
<http://titansradio.com/sectional.asp?id=28042> (AL) (8/10/2012)
<http://titansradio.com/sectional.asp?id=28043> (AR/MS) (8/10/2012)
<http://titansradio.com/sectional.asp?id=27770> (TN) (8/10/2012)

570	WKYX-KY	1260	WDKN-TN	92.9	WMFS-FM-TN		WGOW-FM-TN
640	WXSM-TN	1280	WMCP-TN	93.7	WBXE-TN	103.7	WPTQ-KY
730	WUMP-AL	1320	WNGO-KY	94.5	WJOX-FM-AL	104.1	WCLE-FM-TN
770	WVNN-AL		WMSR-TN	95.7	WCCK-KY		WUCZ-TN
790	WMC-TN	1340	WCDT-TN	95.9	WRJB-TN	104.5	<u>WGFX-TN</u>
860	WSON-KY	1370	WDXE-TN	96.7	WNKX-FM-TN	104.7	WMUF-TN
950	WAKM-TN	1400	WJZM-TN	97.1	WXCM-KY	104.9	WAVJ-KY
1000	WRQR-TN		WZNG-TN	97.7	WWKY-KY	105.3	WOWC-TN
1050	WWIC-AL	1420	WVJS-KY	98.3	WKSJ-FM-TN	105.5	KWAK-FM-AR
1060	WQMV-TN	1450	WTCO-KY	98.7	WOKI-TN		WYTM-FM-TN
1150	WGOW-TN		WWKU-KY	98.9	WANT-TN	105.7	WQAK-TN
	WCRK-TN	1490	WCOR-TN	100.1	WASL-TN	106.5	WKDZ-FM-KY
1220	WFWL-TN	1560	WPAD-KY	101.3	WCMT-FM-TN	106.7	WDXE-FM-TN
	WAXO-TN			101.5	WTHX-KY	107.3	WQLT-FM-AL
1240	WPBQ-MS	92.7	WAFN-FM-AL	102.3	WZDQ-TN		

Washington Redskins 2012 Larry Michael, Sam Huff, Sonny Jurgensen, Rick "Doc" Walker
<http://www.redskins.com/media-gallery/radio-network.html> (8/10/2012)

550	WSVA-VA	1270	WCBC-MD		WXTG-VA	99.1	WXGM-FM-VA
740	WRNR-WV	1360	WHBG-VA	1550	WMRE-WV	99.3	WFQX-VA
750	WAUG-NC	1400	WKAV-VA			101.1	WAMS-FM-MD
950	WXGI-VA	1410	WRJD-NC	92.7	WWXT-MD	101.7	WWBU-VA
960	WFIR-VA	1450	WGNC-NC	93.1	WSVO-VA	102.1	WXTG-FM-VA
980	<u>WTEM-DC</u>		WNOS-NC	94.3	WWXX-VA	105.5	WRAR-FM-VA
1230	WCBT-NC	1490	WSTP-NC	95.9	WGRQ-VA	105.9	W290CB-NC
1260	WCHV-VA		WSVM-NC	98.3	WSMD-FM-MD	106.9	WWEG-MD

- a Tampa Bay Buccaneers and Miami Dolphins
- b Dallas Cowboys (Compass) and Oakland Raiders
- c Atlanta Falcons and Carolina Panthers and Dallas Cowboys (Compass)
- d Day games only
- e Indianapolis Colts and Dallas Cowboys (Compass)
- f Dallas Cowboys (Compass) and Seattle Seahawks
- g Arizona Cardinals and Denver Broncos
- h Dallas Cowboys (Compass) and New York Jets
- i Dallas Cowboys (Compass) and New York Giants and New York Jets
- j Dallas Cowboys and Houston Texans

- k Dallas Cowboys (SS) and Houston Texans
 l Dallas Cowboys (Compass) and Oakland Raiders
 m New York Giants and New York Jets
 n RESERVED [unused]
 o Jacksonville Jaguars and Atlanta Falcons
 p Oakland Raiders and San Francisco 49ers
 q Dallas Cowboys (Compass) and Saint Louis Rams
 r Jacksonville Jaguars and Miami Dolphins
 s RESERVED [unused]
 t Dallas Cowboys (Compass) and Detroit Lions
 u New Orleans Saints and Dallas Cowboys
 v The Bears' list on freqseek does not have the FM station that simulcasts 780 WBBM-IL.
 w The Steelers' list has "Bajio Imagen 90.5". The Imagen web site has "Imagen Bajio XHMIG-FM 105.9".
 x The Jaguars' list has no frequencies. WMMB has two frequencies.
 y The Panthers' list has "Asheboro N.C. Cable Channel 8"; as in previous years, I have no idea what this is.
 z The Ravens' list has "WCEMM 12340".

GRAVEYARD DX UPDATE

record held by a DXer in Alaska or Hawaii

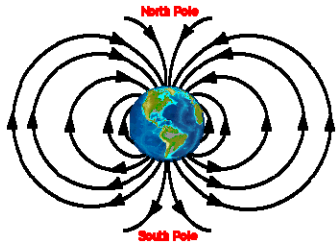
* record held by DXer from North America (excluding Alaska)

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

		<u>1230 kHz</u>			
<u>Station</u>		<u>City</u>	<u>DXer</u>	<u>DX Location</u>	<u>Miles</u>
KLTO	TX	Del Rio	Tim Hall	Fort Davis, TX	* 199
XEIZ	NL	Monterrey	Tim Hall	Comanche, TX	443
		<u>1240 kHz</u>			
XERO	AG	Aguascalientes	Tim Hall	Pecos, TX	664
XEBN	CH	Ciudad Delicias	Tim Hall	Fort Davis, TX	194
XEVM	CI	Piedras Negras	Tim Hall	Mexia, TX	317
		<u>1340 kHz</u>			
WXKX	WV	Clarksburg	Steve Francis	Alcoa, TN	+ 315
XERCH	CH	Ojinaga	Tim Hall	Fort Davis, TX	79
XEDH	COA	Ciudad Acuna	Tim Hall	Big Bend National Park, TX	142
XEDKR	JAL	Guadalajara	Tim Hall	Fort Davis, TX	692
XEMT	TAM	Matamoros	Tim Hall	Junction, TX	348
XEBK	TAM	Nuevo Laredo	Tim Hall	Big Bend National Park, TX	* 263
		<u>1400 kHz</u>			
WHCC	NC	Waynesville	Steve Francis	Alcoa, TN	60
		<u>1450 kHz</u>			
WYAM	AL	Bessemer	Steve Francis	Alcoa, TN	235
KCTI	TX	Gonzales	Tim Hall	Fort Davis, TX	397
XENA	QE	Queretaro	Tim Hall	Fort Davis, TX	* 728
XERDO	TA	Villa Hermosa	Tim Hall	Fort Davis, TX	503
		<u>1490 kHz</u>			
KQTY	TX	Borger	Tim Hall	Fort Davis, TX	+ 379
KVWC	TX	Vernon	Tim Hall	Fort Davis, TX	728
XEFF	SLP	Matehuala	Tim Hall	Junction, TX	476

		<u>Totals</u>						
<u>DXer</u>	<u>DX Location</u>	<u>1230</u>	<u>1240</u>	<u>1340</u>	<u>1400</u>	<u>1450</u>	<u>1490</u>	<u>Total</u>
Tim Hall	Fort Davis, TX	3	7	5	2	8	8	33
Tim Hall	Big Bend Nat'l Park, TX	5	5	6	3	6	7	32

These updates from former editor Bill Hale, delayed for space reasons. Future updates go to the new editor, Vince Ferme, 1711 Belval Cres., Ottawa ON K1C 6K2, Canada, <dxista@yahoo.ca>.



Geomagnetic Indices

Geomagnetic Summary June 1 2012 through August 31 2012

Via Phil Bytheway – Tabulated from email status daily.

Date	Flux	A	K	Space Weather	Date	Flux	A	K	Space Weather
6/ 1	129	6	2	no storms	17	128	14	2	minor, S1, R1
2	129	9	4	no storms	18	110	5	1	moderate, S2
3	129	19	1	minor, G1, R1	19	100	6	1	moderate, S1, R2
4	128	16	3	no storms	20	92	11	3	minor, S1
5	139	17	3	no storms	21	90	11	2	minor, S1
6	140	17	3	minor, R1	22	94	8	2	no storms
7	128	8	2	no storms	23	97	9	3	minor, S1
8	124	8	2	no storms	24	102	10	2	minor, S1
9	128	8	2	minor, R1	25	105	6	1	no storms
10	128	6	3	minor, R1	26	115	4	0	no storms
11	134	14	5	minor, G1	27	123	5	2	no storms
12	141	13	1	minor	28	127	11	4	moderate, R2
13	143	6	1	minor, R1	/29	131	6	1	minor, S1
14	149	4	0	minor, R1	/30	136	13	2	minor, R1
15	145	4	1	no storms	7/31	140	6	2	no storms
16	135	19	6	moderate, G2, S1	8/ 1	150	6	2	no storms
17	124	39	4	moderate, G2	2	135	16	3	minor, G1
18	118	15	1	minor, G1	3	140	7	1	no storms
19	110	3	1	no storms	4	139	7	3	no storms
20	104	4	1	no storms	5	134	6	2	no storms
21	98	3	1	no storms	6	134	11	3	minor, R1
22	88	5	1	no storms	7	129	7	3	no storms
23	84	4	1	no storms	8	133	10	1	no storms
24	85	5	1	no storms	9	131	6	1	no storms
25	89	9	2	no storms	10	125	4	1	no storms
26	99	8	2	no storms	11	120	4	2	minor, R1
27	106	6	2	no storms	12	112	7	3	no storms
28	120	6	1	no storms	13	108	9	2	no storms
/29	117	5	3	minor, R1	14	106	7	2	no storms
6/30	124	22	4	minor, R1	15	101	6	2	no storms
7/ 1	133	19	3	minor, R1	16	98	11	3	no storms
2	166	19	2	moderate, R2	17	95	10	1	minor, R1
3	146	10	3	no storms	18	97	11	3	moderate, R2
4	163	9	3	moderate, R2	19	96	12	4	no storms
5	165	14	3	moderate, R2	20	96	12	2	no storms
6	158	16	5	strong, G1, R3	21	94	7	3	no storms
7	158	8	2	strong, G1, S1, R3	22	95	6	2	no storms
8	178	13	4	moderate, R2	23	97	10	1	no storms
9	174	30	5	minor, G1, S1, R1	24	104	9	2	no storms
10	173	13	2	minor, R1	25	106	10	3	no storms
11	162	10	3	no storms	26	113	11	2	no storms
12	165	11	1	strong, S1, R3	27	112	7	2	no storms
13	147	3	1	minor, S1	28	111	4	1	no storms
14	148	17	5	minor, G1, S1, R1	/29	118	4	1	no storms
15	141	60	5	moderate, G2, S1	/30	128	4	1	minor, R1
16	138	31	3	moderate, G2	8/31	131	3	1	no storms

Sx – Solar Radiation Storm Level / Gx – Geomagnetic Storm Level / Rx – Radio Blackouts Level

Follow @NRCDXNews on Twitter!

Twitter can be used to disseminate hot MW DX tips to the DX community

To read tips: go to www.twitter.com and search for #mwdx

To send tips: write a 140-character tweet and include the tag #mwdx

Unreported Domestic Stations

There are some 4,865 licensed full-service AM radio stations in the United States and Canada (not counting Canadian LPRT stations). Many of these stations are regularly reported to the Domestic DX Digest columns – but many are rare. In fact, from Volume 67 (1999-2000) through this issue, there are 631 stations that haven't been reported to DDXD at all!

Specifically, here are the numbers of stations last reported in each of these DDXD volumes:

Volume	80	79	78	77	76	75	74	73	72	71	70	69	68	67	Not
Stations	161	1671	452	319	210	212	183	158	210	154	164	143	107	90	631

Stations last reported under a different callsign, or at a different city of license, are not treated as unreported, but stations last reported on a different frequency are treated as unreported. If a station is mentioned in a logging of a different station, or is the subject of a station news item in DDXD not based on an actual logging (e.g., WPEN-950 in this issue), it doesn't count as a report.

Have you recently logged one of the 631 stations that hasn't been reported in DDXD in this century? Then send your report to DDXD (East or West, as the case may be), and we can cross it off our club target list! We'll start the list here (and continue it in future issues) ... so start hunting:

540	WASG-AL		KMUL-TX		KALE-WA	1060	KOAI-AR
	WRGC-NC	850	WQST-MS	970	WFQY-MS		WGSB-NC
550	KMVI-HI		WLRC-MS		WMPW-VA		WCOK-NC
560	KVOK-AK	860	WAMI-AL	980	WKLF-AL		KFIT-TX
	CBDN-YT		KWRF-AR		KNTR-AZ	1070	KBCL-LA
570	CKWL-BC		KFST-TX		KEYQ-CA		KOPY-TX
	CFWH-YT		CFPR-BC		WTOT-FL	1080	WRYT-IL
580	WLVA-VA		CHAK-NT		WHSR-FL		KYMO-MO
590	CFTK-BC	870	KSKO-AK		WDYN-GA	1090	KLWJ-OR
610	KARV-AR		WTCG-NC		WGWM-KY		KULF-TX
	WVTJ-FL		CFBV-BC		WAKK-MS	1110	KAGV-AK
	CKRW-YT	880	WZAB-FL		WFPF-WI		WCBR-KY
630	KLEA-NM	890	WJTP-GA	990	WISK-GA		WOMN-LA
660	WLOY-VA		KGGN-MO		WRFM-IN		KTTP-LA
670	WYLS-AL	900	WOZK-AL		WABO-MS		WMUX-WV
680	KBRW-AK		KZPA-AK		WBTE-NC	1120	WHOG-AL
	WGES-FL		WWLK-KY		KTHH-OR		KLIM-CO
	KBRD-WA		KREH-TX		KZZB-TX	1130	WQFX-MS
690	KCEE-AZ	910	WUBR-LA		KAML-TX		WEDI-OH
	KPET-TX		KBLG-MT		CBDB-YT		KTMR-TX
710	KAPZ-AR		KURY-OR	1000	WKVG-KY	1140	KSLD-AK
	WZOO-NC		KRIO-TX		KSTA-TX		KVLI-CA
	WFCM-TN	920	WPTL-NC		KBIB-TX		WMMG-KY
	KURV-TX	930	WEZZ-AL	1010	WCSI-IN		WSAO-MS
	CKVO-NL		KTKN-AK		KDLA-LA		WRNA-NC
720	KOTZ-AK		WYUS-DE		WCKW-LA	1150	WXKO-GA
740	WMSP-AL		KBAI-WA		WELS-NC		WONG-MS
	KBOE-IA		KYAK-WA		KLAT-TX		WGBN-PA
760	KGU-HI		CJYQ-NL		KBBW-TX		WDTM-TN
790	KOSY-AR	940	KDIL-ID		WUKZ-VA		KZNE-TX
	WPNN-FL		KSWM-MO	1020	KDYK-WA		KBPO-TX
	WRMS-IL		WFGI-PA	1030	WONQ-FL		KOLJ-TX
800	WMGY-AL	950	KSEW-AK	1040	KLHT-HI	1170	WQHC-AL
	KINY-AK		KFSA-AR	1050	WJSB-FL		WRPM-MS
	KAGH-AR		KOZE-ID		WJCM-FL	1180	KXIQ-AR
	KVOM-AR		KRRP-LA		WDZ-IL		WGAB-IN
	WPEL-PA		WHSY-MS		WNES-KY	1190	KJJI-AR
810	KYTY-TX		WNCC-PA		WTWG-MS		WPSP-FL
820	WSWI-IN	960	WGRO-FL		KKRX-OK		KDAO-IA
830	KSDP-AK		WDLM-IL		WBUT-PA	1210	KZOO-HI
	WACC-FL		WBMC-TN		KRMY-TX		
	WQZQ-TN		KIMP-TX		WAMN-WV		

To be continued ... and hopefully shortened after your next DDXD report!

National Radio Club

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

NRC Board of Directors: Shawn Axelrod <amandx@mymts.net> – 30 Becontree Bay – Winnipeg MB R2N 2X9 Canada; Ken Chatterton <krazyken@frontier.com>; Mark Durenberger <Mark4@durenberger.com>; Wayne Heinen <amradiolog@nrcdxas.org>; Chairman; NRC AM Radio Log Editor – 4131 S. Andes Way – Aurora, CO 80013-3831; Dick Truax <K9RT@aol.com>; NRC Treasurer – P. O. Box 39451 – Louisville, KY 40233-9451.

NRC on the World Wide Web: The NRC web site is www.nrcdxas.org (Kraig Krist, webmaster); e-DXN is at www.e-dxn.com (Paul Swearingen, coordinator).

National Radio Club members may choose to receive our print publication (DX News), our audio program (DX Audio Service), e-DXN (including online access to both DX News and the DX Audio Service), or any combination of these.

• **DX News – David Yocis, Publisher/Editor** <NRCDXNews@gmail.com> – 1245 Thirteenth St. NW, #105 – Washington DC 20005; 202-415-3011 [leave voice mail]. (Send only material for publication in DX News.)

Subscriptions and Renewals to DX News: Yearly subscription (30 issues, weekly in DX season): To a U.S. Address: US\$38.00; to a Canadian Address: US\$48.00; to all other countries: US\$62.00.

• **DX Audio Service – Fred Vobbe, Publisher/Producer** – 706 Mackenzie Drive – Lima, OH 45805-1835. 419-228-6223 <fvobbe@realoldiesradio.com> (\$30.00 for subscriptions; DXAS address changes).

Subscriptions and Renewals to DX Audio Service: yearly subscription (twelve 90-minute tapes, mailed on or about the 20th of each month) (send new and renewal subscriptions to Fred Vobbe): One-year First-Class Mail subscription to DX Audio Service to USA, Canada addresses: US\$30.00; all other addresses: US\$40.00 (Note: Effective December 2012, the DXAS will switch to a CD audio format)

Subscriptions and Renewals to e-DXN: Annual registration: \$5.00 for subscribers to DXN or DXAS; \$15.00 for an e-DXN-only membership. Access the e-DXN web site <www.e-dxn.com> and follow the links.

National Radio Club

P.O. Box 473251

Aurora, CO 80047 – 3251

Send all payments to NRC Headquarters at:

National Radio Club

PO Box 473251

Aurora, CO 80047-3251

<sales@nrcdxas.org>

Please send all of the following to NRC Headquarters in Aurora:

• **New subscriptions and renewals** for DX News, the DX Audio Service, and e-DXN.com.

• **Subscription or delivery problems** for DX News or DXAS.

• **Changes of address** for DX News.

• **All NRC Publications** orders.

For multiple items, there's no need to send separate checks or in separate envelopes. It all goes to the same National Radio Club HQ.

Payment options for any item: US\$ funds only: check, money order, or credit card (via PayPal: access <www.nrcdxas.org> ONLY and follow the links), or cash at your risk. (Out of USA: Postal money order or PayPal only; NO checks.)

All checks and money orders should be made out to: **National Radio Club**.

DX News is printed by The Coughlin Printing Group -144 Main Ave – Watertown, NY 13601-1925

First-Class Mail
U.S. Postage
PAID
Watertown, NY
Permit # 65