

AM Switch

Bill Hale w_r_hale@sbcglobal.net

6124 Roaring Springs Drive

North Richland Hills, TX 76180-5552



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

CALL LETTER CHANGES

1210 KTBK WA Auburn-Federal Way KMIA

CONSTRUCTION PERMITS ON THE AIR

1310 WJUS AL Marion – Is now on the air with U1 5000/33.

1340 WYBC CT New Haven – Is now on with U1 1000/880 from a newly-installed 85' VALCOM antenna at 41-17-33/72-57-12. This is adjacent to the site of their former tower which was destroyed by a thunderstorm.



ACTIONS

790 KBRV ID Soda Springs – Licensed for U1 5000/29, KBRV was issued a 'Silent STA' in April as their Continental transmitter 'stopped working'. They have CP to move to 800 kHz with U1 10000/150 and was expecting delivery of their new Harris transmitter in September. Listen for them testing, and they may be on regular schedule on 800 shortly.

1570 WECU NC Winterville – CP for U1 8000/200 is on the air.

AMENDMENTS TO CONSTRUCTION PERMITS

1600 KLNQ WY Casper – This unbuilt station has a CP for U2 5000/1500. This amendment requests a move to 1580 kHz with U1 1000/220 along with a change in City-of-License to Evansville, Wyoming.

APPLICATIONS

1120 WMSW PR Hatillo – Applies for U2 2600/400.

1150 KIMM SD Rapid City – Licensed for U2 5000/500, KIMM has been operating under an STA with U1 5000/66 at a temporary site. This action extends the STA. They also have submitted an application to operate U1 5000/66 on a permanent basis at the new site.

1240 CBXK BC Pemberton – The CBC has applied to flip CBXK to 91.5 MHz with 262 watts.

APPLICATIONS FOR RECONSIDERATION

1570 APP TX Fritch – Application for a new station.

DISMISSALS and DELETIONS

1090 WCAR MI Livonia – CP for U4 1000/800. WCAR remains U4 250/500.

APPLICATIONS FOR NEW STATIONS

1630 APP ON Ottawa – Applies for U1 1000/1000. The station would be Arabic language and will offer 45% locally-produced programming per week with the other 55% coming from CHOU-1450 Montreal. If approved, the existing 99 Watt TIS station, CHYW-1630, from the MacDonald Cartier International Airport in Ottawa will be forced to find a new frequency.

1670 APP AB Calgary – Applies for U1 5000/1000. The station would program to a minimum of 13 cultural groups in a minimum of eight different languages per broadcast week, by condition of licence.

AM on FM

600 KOGO CA San Diego – KUSS 95.7 Carlsbad

950 KJR WA Seattle – KNBQ 102.9 Centralia

1430 WXNT IN Indianapolis – WZPL-HD3 99.5 Greenfield

1540 WDCD NY Albany – WPTR 96.7 Clifton Park

1550 KAPE MO Cape Girardeau – K262AX 100.3 Cape Girardeau

1670 WTDY WI Madison – WZEE-HD3 104.1 Madison



CORRECTION

In Issue 4 we reported that **WCSJ-1550** had relocated from **Morris to Roanoke, Illinois**. **Tom Jasinski** sends word that **WCSJ is still on from Morris**. I'll admonish my prior sources by withholding gratuities until further notice, and wait for **Tom's** report saying they have, indeed, moved.

HEAR AND THAR

- ✿ **Returning to the airwaves:** **WHJC-1360 Matewan, West Virginia** returns with Southern Gospel.
- ✿ **Reported as silent:** **WUBR-910 Baton Rouge, Louisiana; KOBV-940 Cedar City, Utah; WRRL-1130 Rainelle, West Virginia; WCLC-1260 Jamestown, Tennessee; KJMU-1340 Sand Springs, Oklahoma; WEGA-1350 Vega Baja, Puerto Rico; KPTO-1440 Pocatello, Idaho; KNFL-1470 Tremonton, Utah; KOGN-1490 Ogden, Utah; and KQLO-1590 Sun Valley, Nevada.**
- ✿ **News Item:** **CHQR-770 Calgary, Alberta** has applies to add a 'nested repeater' in Calgary. The station would be on 106.9 MHz with 1 kW at 244 metres. They state that CHQR suffers from 'reception issues' in downtown Calgary.
- ✿ **News Item:** When Boston's **WBZ** celebrated its 90th anniversary in September, it took pride in its physical heritage: the original towers atop the Westinghouse plant in East Springfield, 90 miles away, were still standing after all those years. Those rooftop towers supported the long wire antenna for **WBZ** from 1921 until 1931, when the station's main transmitter moved to Boston. And they remained in use for a synchronized satellite station, **WBZA**, until 1962 – and remained standing until Saturday, November 5th. That's when a demolition crew began tearing down the long-abandoned Westinghouse buildings, which will be replaced by a shopping center. Now owned by CBS Radio, **WBZ** paid tribute to the old towers the day they came down: its "mobile newsroom" was in the parking lot, where station engineers helped to operate a special-event amateur radio station with the callsign **W1Z**, using an antenna strung between the old towers.
- ✿ **Thanks to Shawn Axelrod for contributions.**



KCJB Radio Towers Come Down

The skyline South Broadway in Minot no longer looks the same. After nearly 60 years the three directional towers for **KCJB AM** radio were finally removed today.

Coughlin Construction owner, John Coughlin, said, "This has been a long time coming. I think this has taken about five years and so finally after all this time we're able to actually topple these towers."

The decade long project started when the radio station was moved to southwest Minot. The company purchased the land in hopes of developing the space with commercial businesses, but before they could begin they had to remove the three 245 foot tall towers.

"It's huge!" said Coughlin. "It's the biggest milestone. Now it's just a matter of doing the developments."

Coughlin has been pushing the FCC to approve the new tower location for five years, and yesterday it finally happened. Even though the company wasted no time in starting their new project, the towers didn't come down easily. After an hour past the expected collapse time, workers received help from Coughlin and his crew and were finally able to make progress. With the biggest obstacle finally out of the way, Coughlin is excited to be able to announce what will soon be filling the 22 acres of land. The new Broadway Center will be a strip mall with food, coffee shops and retail stores. The shopping center is expected to be open next spring.



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

DBJ-TN	David B. Jones, Nashville, TN. Drake R8B, Quantum QX Pro v 2.0 plus loop.
FO-OK	Forest Osborn, Hooker, OK. IC-R70, 4' loop and 200' LW
JW-CO	John Wilkins, Wheat Ridge, CO. Drake R-8, 4-foot box loop
RD-NE	Rick Dau, South Omaha, NE. Kenwood R-5000, Quantum QX Pro loop antenna
RD-SD	Rick Dau at home of DXer Tim Hills in Sioux Falls, SD. Realistic DX-440, homebrew loop antenna
RV-TX	Robert Vance, El Paso, TX. WinRadio G303e/PD, 12'x9' unterminated corner-fed N-S loop, 3 sq meter amplified air loop
SMA-MB	Shawn M. Axelrod VE4DX1SMA Winnipeg, MB. ICOM ICR-70, Drake R8; 3 Foot un-amplified box loop / Quantum QX LOOP v2.0/ 155 Foot "U" shaped outdoor wire / 100 Foot indoor wire run around the basement walls / MFJ 1026 phasing unit.

DX Loggings (All Times ELT)

580	KUBC	CO	Montrose – 10/28 0832 – Toyota ad in downtown Montrose, local sports, on "Colorado Radio.com." (FO-OK)
750	WNDZ	IN	Portage – 11/8 0730 – Sign-on by gal: "Good morning. This is AM 750 WNDZ Portage, Indiana/Chicago..." and into usual Ukrainian programming, I think (signal faded right after ID). (JW-CO)
750	CKJH	SK	Melfort – 11/8 0740 – Oldies music with host Dave Baker; ID as "CK-750 Classic Hits of the 60's and 70's," followed by an ad or notice about an upcoming event in Nipawin. Very good signal. (JW-CO)
780	WJAG	NE	Norfolk – 10/30 1930 – Nebraska weather, NFL scores, "for more, go to WJAG.com". (FO-OK)
790	KSPD	ID	Boise – 11/8 0759 – Out of <i>Insight for Living</i> program with this ID at 0759:40: "We're Boise's Solid Talk AM 790 KSPD Boise;" not sure what followed next; soon lost to KGHL. (JW-CO)
790	CFCW	AB	Camrose – 11/8 0805 – Ad for Canadian Tire; PSA from the Government of Alberta; weather for different areas, including Slave Lake and Red Deer; call letter ID and more ads at 0807. Fair for while before KGHL took over. (JW-CO)
880	KHAC	NM	Tse Bonito – 10/26 2100 – New Mexico weather, "KHAC ... in New Mexico," in null of KRVN. (FO-OK)
950	KRWZ	CO	Denver – 11/8 0837 – Oldies, "I fought the law and the law won" and "Great Balls of Fire." At 0839, mention of cruisin' on FM 103.1. (FO-OK)
980	KFWB	CA	Los Angeles – 11/8 0825 – Pacific Standard Time given, weather for Los Angeles, Sherman Oaks and Pasadena. First time heard in a long time here, probably because I haven't listened in the mornings for a while. (FO-OK)
980	CJME	SK	Regina – 11/8 0711 – Weather forecast; program note for <i>John Gormley Live</i> weekdays at 8:30 AM; "NewsTalk 980 CJME" ID, followed by one or two ads. Fair/good signal. (JW-CO)
1050	CJNB	SK	North Battleford – 11/6 0701 – News and sports from Canadian Press in progress; man with ID at 0704: "CJNB The Battleford, CJNS Meadow Lake, Walco radio station"; weather at 0705, then music on "The Hottest Country music in Saskatchewan." Fair/good. (JW-CO)
1060	KIJN	TX	Farwell – 10/9 0510 – In w/SS Christian music. ID slogan at 0521 consisted of "Jesus Radio" in EE w/a Hispanic accent, followed by the CL "KI-J-N"; the first "KI" part pronounced as one syllable by YL followed by the "J-N" part pronounced in SS by OM. So basically it went "Jesus Radio, KI-J-N, ... Farwell, Texas ... diez-sesenta A-M; K-I-J-N;" then back into music. XEEP-DF was phased. Funny I should hear them at this time given that they are listed as a daytimer only ... I guess I got lucky. Even luckier would be the locals leaving the air every now and then. (RV-TX)



- 1100 WSGI TN **Springfield** – 11/2 1026 – Local weather. Local swapping/shopping program. (DBJ-TN)
- 1110 WTOF AL **Bay Minette** – 10/29 1930 – Sign off announcement; said will return at 6:30 AM Central Time. "Good night and God bless you from WTDF." Station is owned by Buddy Tucker Ministries. (DBJ-TN)
- 1140 WBXR AL **Hazel Green** – 11/2 1000 – Syndicated religious program by Ken and Lynette Hagen. ID as "Christian Radio AM 1140." (DBJ-TN)
- 1140 KSOO SD **Sioux Falls** – 10/22 2245 – Sports Byline program, ad for Grand Ole Opry concert in Sioux Falls, weather by YL with CL ID "... here on eleven-four-oh KSOO," ABC news at TOH. Poor-to-semi-fair with XEMR-NL phased. (RV-TX)
- 1230 WBOK LA **New Orleans** – 10/22 0845 – CL by OM popped out of the GY-rumble. Good thing I was recording so its saved. Also had to do a GeoClock sanity check before I bought into this one. (RV-TX) A little-known feature of GeoClock. (JDT-WA)
- 1230 KZYM MO **Joplin** – 10/31 2148 – Atop with promo for *Rick & Bubba Show* weekday mornings "on AM 1230 The Talker." A diligent internet search led to this. (RD-NE)
- 1250 KNEU UT **Roosevelt** – 10/23 0222 – Popped above dominant XESJ-Coah for a brief moment at the DX'ers perfect moment...an ID "... the basin's only classic country station ... KNEU ...," then back into CWM and soon gone. (RV-TX)
- 1260 KDLF IA **Boone** – 11/4 0840 – Poor signals but // to their web feed with lively Mexican music and Spanish talk. La Reina ID's. NEW! Conditions have not been very good but being a stubborn old guy I keep trying and once in a while I am rewarded with a new one. By the way that one was #2600 for me on the BCB band so I cannot complain at all. (SMA-MB)
- 1260 KTRC NM **Santa Fe** – 10/23 2028 – Talk 1260 News, Talk format with ad for Air Force Reserve at 2029, ID at 2030. (FO-OK)
- 1270 KSCB KS **Liberal** – 10/23 2017 – This is a local but with new programming on Sunday evening, Armed American Radio, NRA ad and ads for several firearms companies. (FO-OK)
- 1270 KFLC TX **Fort Worth** – 10/23 0350 – Poor with SS talk program, ads, "La Voz del Pueblo" ID's. XERPL-GJ phased. (RV-TX)
- 1280 WODT LA **New Orleans** – 10/26 2203 – Very good with loop pointed N-S with black gospel music and "Gospel 1280" ID. (RD-NE)
- 1300 KVET TX **Austin** – 10/23 2011 – Fox Sports Radio, Allstate Insurance ad at 2013, Monroe Shocks ad at 2014. (FO-OK)
- 1310 KTCK TX **Dallas** – 10/23 0513 – Fair-to-poor with Yahoo Sports Radio, ad for strip club in Fort Worth. BOH ID "All sports, all the time; Sports Radio 1310, The Ticket." (RV-TX)
- 1410 KWYO WY **Sheridan** – 11/4 0928 – Spot for Delta Dental of Wyoming; call ID at 0929 and into C&W. Fair/good atop the channel. (JW-CO)
- 1430 KRGI NE **Grand Island** – 10/23 1953 – Freight Car Rail Service company with ad for employees in Hastings and Grand Island, Super Saver ad, both in EE, then back to SS. (FO-OK)
- 1430 KCOH TX **Houston** – 10/2 0050 – Fading up poorly with talk program, TOH ID then into classic soul music. Local XEF-1420 phased somewhat but still tough due to thunderstorm QRN. (RV-TX)
- 1440 KCHE IA **Cherokee** – 10/21 1004 – Fair with MOR music from Kenny Rogers, Chuck Mangione, and Barbara Streisand, along with lots of ads for businesses in Cherokee, Holstein, and Ida Grove. WGEM was still putting up a pretty good fight under KCHE at this late hour. (RD-SD)
- 1450 KBMW MN **Breckenridge** – 10/23 2349 – Atop with promo for weekday afternoon program 10-2 "on the Voice of the Valley, AM 1450 KBMW." (RD-NE)
- 1460 KZNT CO **Colorado Springs** – 10/13 2003 – Surprisingly potent at this hour; still daylight path, with news, numerous "NewsTalk 1460, KZNT" slogans, local ad for Sunrise Ranch, and promo for America In The Morning. It was even splattering the LSB of 1470. (RV-TX)
- 1510 KMYN NM **Isleta** – 10/17 2001 – In w/CWM in competition w/KCKK-CO. Network news after full TOH "We're playing your favorite country music from yesterday and today, on AM 15-10, KMYN Isleta-Albuquerque, AM-9-80, KMIN Grants, and



FM 96.7 K244DT Grants" then back into music, using "K-Mine Country" between songs. I heard the name of the news network but don't know what it was, all I know is it did not sound familiar. **(RV-TX)**

1530 KCMN CO **Colorado Springs** – 10/20 1947 – Caught what appeared to be tail end of local newscast with the OM mentioning a burial with full military honors. Then into jingle ID "... Legends 15-60, KCMN," then into oldies music. Got worse until it faded out. **(RV-TX)**

1530 KMAM MO **Butler** – 10/26 1009 – Good with Bates County sheriff's report, then mention of Butler Bears HS FB. **(RD-NE)**

1540 KEDA TX **San Antonio** – 10/21 2015 – In w/tejano/norteno music, frequent announcements by YL "La mejor de conjunto ... Radio Jalapeno." Legal ID at 2041 and 2107 by OM "This is KEDA, San Antonio, Texas; your jalapeno radio station." This was the dominant station until about 2115 when XEHOS-SON overwhelmed it. **(RV-TX)**



1550 KDCC KS **Dodge City** – 11/7 0759 – Out of Fox Sports Radio programming with Holiday greetings from the station, then legal ID: "Ag markets, Ag news from the Ag network ... 1550 AM KDCC Dodge City, Kansas;" Fox news was up next. Fair in the mix. **(JW-CO)**

1560 KEBC OK **Del City** – 11/2 2338 – Fair with ad for United Way of Central Oklahoma, then into Radio Disney programming. Had been hearing this for months, and was hoping it was the New York City station. Never could get any local mentions from this until now. **(RD-NE)**

1580 WVOK AL **Oxford** – 10/30 1000 – ID as "True Oldies Channel on 1570 WVOK," into Oldies. **(DBJ-TN)**

1580 KMIK AZ **Tempe** – 10/26 2027 – Dominant on this freq w/standard Radio Disney fare. **(RV-TX)**

1590 WRCY IN **Mount Vernon** – 11/1 2300 – ID as "AM 1590," brief news, into country and western music. Very weak. **(DBJ-TN)**

1600 KRKE NM **Albuquerque** – 10/28 2025 – Fair w/fading with 60's oldies. "Real Oldies 1600" and "The New Cool 107.5" slogans used frequently. Competition from KXEW-AZ and KEPN-CO. **(RV-TX)**

1600 KRVA TX **Cockrell Hill** – 10/30 1953 – Fair with Vietnamese talk by lady, then ads. Simulcasting the webstream, which was about 15 seconds behind. **(RD-NE)**

UnID

1190 UNID 10/23 2037 – Dolly Parton for New Country, then old C&W music, Hank Williams, etc. Then with ID that sounded like "KWQV, New Country." Any help appreciated. **(FO-OK) KQQZ? – DY.**

Thanks to this week's contributors. See you next time. **(JDT-WA)**

ABBREVIATIONS USED IN DDXD

// - Parallel to. :00 – On the hour. AC – Adult contemporary. AP – Associated Press. BBD – Big band. C&W – Country and western. CCR – Contemporary Christian radio. CHR – Contemporary hit radio. CID – Code ID. CL – Call letters. COL – City of license. EE – English. EZL – Easy listening. FF – French. GOS – Gospel. Hi – A joke; the ham radio equivalent of :-). LID – Legal ID (i.e., CL and COL near the ToH). LSR – Local sunrise. LSS – Local sunset. NBA – National Basketball Association. NFL – National Football League. NHL – National Hockey League. NPR – National Public Radio. OC – Open carrier. OLD – Oldies. PSRA – Pre-sunrise authority. PSSA – Post-sunset authority. QRM – Man-made interference (power lines, other stations, etc.). QRN – Natural interference (lightning, etc.). QTH – Location. REL – Religious. ROK – Rock'n'roll. RS – Regular schedule. \$ - Stereo. SID – Singing ID/jingle. SRS – Sunrise skip. SS – Spanish. SSB – "The Star-Spangled Banner." SSS – Sunset skip. TC – Time check. ToH – Top of the hour. TT – Test tones. UC – Urban contemporary. VID – Voice ID. WW1 – Westwood One.



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 tweet (140 characters max) and include the tag #mwdx

*Domestic DX**Digest – East***Mike Brooker** patria1818@yahoo.com

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** – WinRADiO WR-G31DDC Excalibur, MWDX-5, variable termination SuperLoop antennas northeast and south.
- JC-DE **John Cereghin, Smyrna** – PL310, DT-200VX
- SC-IN **Steve Chappell, McCordsville** – Chrysler car radio, K9AY loop antenna
- HJH-PA **Harry Hayes, Wilkes-Barre** – Grundig S350, Kiwa Pocket Loop
- TLK-FL **Terry L. Krueger, Clearwater** – JRC NRD-535; ICOM IC-R75; Hammarlund HQ-180A, Aqua Guide 705 Radio Direction Finder, Sangean PR-D5, Sony ICF-7600GR, GE SuperRadio III, RadioShack DX-399; roof dipole, in-room random wire
- TLK-FL1 **Terry L. Krueger, Honeymoon Island State Park, Dunedin** – ICOM IC-R75, Sangean PR-D5, 200-ft. random wire, Target bamboo Lazy Susan.
- KK-VA **Kraig Krist, Manassas** – Winradio G33DDC, homemade 134 foot multi-band antenna running NW to SE.
- DP-QC **Denis Picard, Trois-Rivières** – ICOM 746 Pro, Kiwa loop, 145' attic wire
- JJR-MI **John J. Rieger, L'Anse** – CCRadio2, Terk AM Advantage loop
- DY-WV **David Yocis, Harpers Ferry** – R8B, Quantum phaser, LWs
- MKB-ON **Mike Brooker, Toronto** – Grundig G5, Grundig YB-400PE, Sony SRF-39FP, Panasonic RF-2200 (receiver emeritus)

UNID

- 1220 UNID -- – 11/5 2015-2100+ – Under WHKW's hockey game, man with a deep southern accent holding a revival meeting, with occasional bluegrass-style gospel music between preaching. No station was mentioned that I could tell, but the preacher did praise the station's coverage area, which he said reached into Kentucky, and he kept mentioning "everyone out there in radioland." The revival wrapped up in time for the ToH, when (of course) the station faded, but IRN/USA news heard 2100-2103. WCPH-TN? (DY-WV)
- 1240 UNID MI? – 11/6 0621 – Clear mention of "Northern Michigan's classic country station" emerges from the mix. WCBY is classic country and the only 1240 C&W in Michigan, but I need more than that to claim a 561-mile graveyarder. (DY-WV)
- 1340 UNID -- – 11/5 0940 – Poor with detailed weather (snow in forecast) by totally deadpan male with no inflection in voice, into "Logical Song" by Supertramp, slogan "1340 K," drop out then faded back in with "Ricki Don't Lose that Number" by Steely Dan. Same guy talking at 0952 but faded out. (JJR-MI)
- 1600 UNID -- – 11/2 0719 – Very poor with True Oldies Channel. Only affiliate is WTTF Tiffin, OH. No slogan, local ads, calls heard. (JJR-MI)

TIS

- 1510 TIS FL **Lakeland** – 10/30 1530 – Lakeland Linder Regional Airport with long loop, too long to actually copy the whole cycle while driving the Interstate (I-4), with an interview on some air show attendee, who touted the need for all to experience camping out on the tarmac in a tent throughout the festival, and how he would stay in Tampa and drive over for the event before his wife also thought camping in a tent here would be way cool fun. A rare in-band TIS. (TLK-FL)
- 1610 WPLY701 FL **Tarpon Springs** – 11/1 1225 – Usual fire prevention loop with instrumental music bed and sound effects, gave website URL to visit for current city job openings, ID with WPLY701 calls included. Fair with Tampa International Airport TIS nulled. Actual frequency measured as 1609.981 (TLK-FL1)
- 1640 WQDC927 FL **Casselberry** – 10/30 1450 – NOAA Weather Radio, with very annoying, too-frequent male ID drops every minute or so. (TLK-FL)

TIS FL Orlando – 10/30 1435 – As always, strong at the I-4/Turnpike exit, and also as always, weak pieces of the Turnpike FL-417, Slavia TIS poking through here, briefly. **(TLK-FL)**

PIRATE

1620 ---- FL Orlando – 10/30 1440 – “Radio Keenanm”, a really puny signal with overblown modulation, with the usual Haitian Krèyol programming, barely audible on I-4 around the South Orange Blossom Trail exit, otherwise wiped out by 810 WEUS, Orlovista (southern gospel) big and sloppy harmonic that's audible all around Walt Orlando World. **(TLK-FL)**

CARRIER CURRENT


1080 “WUTT” FL University of Tampa – 11/4 1535 – Very strong, briefly, on the Lee Roy Selmon-Crosstown Expressway near the apex with downtown just to the north. Techno music. **(TLK-FL)**



LOGGINGS

- 550 KFYN ND Bismarck** – 11/2 0811 – Poor under WSAU with local ads, "KFYN-550...25 degrees...Phil Parker show..." First time logged this season. **(JJR-MI)**
- 600 KSJB ND Jamestown** – 11/5 0838 – Fair over WMT with local, live jock playing oldie C&W, time checks, local weather. **(JJR-MI)**
- 650 WSM TN Nashville** – 11/1 1218 – "That's Alright Mama" then group singing jingle "WSM" at 1219, into traditional C&W oldie, followed by male canned, "Hi, I'm Billy [last name not copied], and you're listening to WSM." A little weaker 1725 recheck with oldie C&W tune, canned non-singing ID. Really pleased to pull this one midday, and on just a barefoot portable at that. **(TLK-FL1)**
- 680 KNBR CA San Francisco** – 11/2 0714 – Poor but on top of frequency for about 10 minutes with ESPN's "Mike&Mike" ads, "KNBR 680" IDs. **(JJR-MI)**
- 800 WSHO LA New Orleans** – 11/1 1208 – Fair with Catholic-centric gospel talk. **(TLK-FL1)**
CJAD QC Montreal – 11/2 0717 – Poor with heavily accented traffic reporter (in EE), "CJAD weather centre" local weather, business news. **(JJR-MI)**
- 860 KKOW KS Pittsburg** – 11/2 0720 – Poor with "20-20 weather on KKOW," ad. Suddenly at 0721 CJBC popped in out of nowhere! **(JJR-MI)**
KNUJ MN New Ulm – 11/5 0713 – Fair with local Mankato area news. Lost to CJBC. Suprised at how well this was in. **(JJR-MI)**
- 900 WSWN FL Belle Glade** – 11/1 1159 – Fair with ending of gospel program, "Sugar 900, WSWN" and PSA for the local sugar industry, into local agribusiness headlines, another "Sugar 900, WSWN" ID. **(TLK-FL1)**
WCPA PA Clearfield – 11/3 1750 – Call ID heard in the jumble, into John Lennon's "Imagine." **(JC-DE)**
- 910 KJJQ SD Volga** – 11/5 0752 – Poor but clear "The Ranch AM 910" slogan under WFDF. **(JJR-MI)**
- 930 WIZR NY Johnstown** – 11/4 0308 – Above others, out of Manfred Mann's "Blinded by the Light," "You're listening to the best music of the 60's and 70's AM 930 WIZR." NEW! **(SC-IN)**
- 940 WLQH FL Chiefland** – 11/1 1158 – "Stand By Me" oldie, simulcast // WZCC-1240. **(TLK-FL1)**
- 950 CFAM MB Altona** – 11/7 0700 – Creaming WWJ et al with local weather, "This is CFAM news, it's 6 o'clock" into local news, leading off with Winkler and District school board Christmas food collection, followed by news of provincial grants to upgrade baseball diamonds. **(MKB-ON)**
- 970 WNYM NJ Hackensack** – 10/23 0230 – In multi-station mix (religion, talk, Fox sports, ESPN) with station promo "AM 9-70 'The Apple' ... New York, New Jersey ... news talk, weather." **(KK-VA)**
WBLF PA Bellefonte – 11/3 2200 – ToH ID, Fox News, local weather, "News-talk 970" liner. **(JC-DE)**
- 980 CFPL ON London** – 11/2 0725 – Fair with "AM 980 news time" after London ads, promo for "market minute" program. **(JJR-MI)**
- 990 CKGM QC Montreal** – 10/23 0257 – In mix with WEEB and others with station promo "... only on TSN 9-90...", CBC news at 0300 (*this is probably CBW-Winnipeg*). CKGM would have sports headlines at ToH. Mike) ad for Old Dublin Pub. **(KK-VA)**



- 1010 CFRB ON **Toronto** – 10/23 0135 – In WINS mix with "People Helping People" show, ad for Petro Canada. **(KK-VA)**
- 1050 WSEN NY **Baldwinsville** – 10/23 0222 – In WEPN mix with oldies, "WSEN oldies" jingle into song. **(KK-VA)**
- 1060 KRCN CO **Longmont** – 11/2 0733 – Poor but steady in KYW null with "the Radio Colorado network" programming. **(JJR-MI)**
- KGFX SD **Pierre** – 11/5 0843 – Poor with "1060 KGFX" ID by woman, local weather, C&W songs. **(JJR-MI)**
- 1090 WKBZ MI **Muskegon** – 11/4 0719 – Poor but steady with promo on "News Talk 1090 WKBZ" into ads, slogan "the talk of Muskegon." More likely here: KTGO-ND (silent) or WAQE-WI. **(JJR-MI)**
- 1110 WWBJ PA **Martinsburg** – 10/29 1830 – End of "Through the Bible" program, "Martinsburg PA" mention at 1830. **(JC-DE)**
- 1140 WRVA VA **Richmond** – 11/5 1859 – Good; "Newsradio 1140 WRVA Richmond," into top stories, "Richmond's traffic and weather station, 1140 WRVA" and Fox news. **(BC-NH)**
- CBI NS **Sydney** – 11/4 1858 – Excellent; end of "As It Happens" program, "This is CBC Radio One, 1140 AM in Sydney. Canada lives here." Then CBC promos into CBC news. **(BC-NH)**
- 1150 WMRD CT **Middletown** – 10/23 0203 – In CKOC mix with dual "14-20 WLIS and 11-50 WMRD. We've got personality" ID by woman into "When Radio Was." **(KK-VA)**
- 1190 WMEJ MS **Bay St. Louis** – 11/1 1146 – Mexi-pop vocal, "La Mejor 11-90" slogan into another Mexi-pop, then ads, including one for Gulf Electric Power. Excellent, with weaker WAMT, Pine Castle, FL (also Spanish) nulled. Is this really on-channel now? I forgot to check later on the R75, but no het noted. This was forever on the low side of 1190, easily audible daytime back when they were a cool Blues format station. **(TLK-FL1)**
-  WNBC WI **Sun Prairie** – 11/4 0848 – Poor with mention of local phone number, slogan "This is Faith 1190" into "the best in Christian talk" **(JJR-MI)**
- 1230 KTRF MN **Thief River Falls** – 11/5 0906 – Poor and alone with local newscast, call ID after ad. **(JJR-MI)**
- 1240 WZCC FL **Cross City** – 11/1 1241 – "Tri-County weather ... high 75, tomorrow's low, 45 ...," ID as "... 940 and 1240, the new WZCC" into oldie rock. Fair in IBOC hash from local WHNZ-1250 Tampa. //WLQH-940. **(TLK-FL1)**
- WJON MN **St. Cloud** – 11/5 0909 – Poor with WJON weather jingle, local weather, "I'm ... WJON news" by woman. **(JJR-MI)**
- WATN NY **Watertown** – 11/4 1730 – ID back into Sean Hannity, fair in mix. **(DY-WV)**
- WOBT WI **Rhineland** – 11/2 0845 – Poor in nice fade up over WCBY with mention of "Highway 51 in Minocqua ...," other local ads, weather. **(JJR-MI)**
- 1250 KBRF MN **Fergus Falls** – 11/5 0911 – Poor over UNID C&W station with MN state news, lakesradio.net website promo, local weather and "1250 KBRF" ID. **(JJR-MI)**
- 1260 WSKO NY **Syracuse** – 11/2 0628 – Poor with "1260 the Score" slogan into sports chatter. **(JJR-MI)**
- CKHJ NB **Fredericton** – 10/23 0231 – In WWRC mix with C&W, man with station promo "... ready when you walk in CKHJ" into C&W song. **(KK-VA)**
- 1270 WNLS FL **Tallahassee** – 11/1 1138 – Very good with "12-70 the Team" slogan, auto racing recap. **(TLK-FL1)**
- WEIC IL **Charleston** – 11/5 2323 – Out of ads, "on 1270 AM and 107.5 FM, WEIC." **(DY-WV)**
- WMKT MI **Charlevoix** – 11/5 1806 – Fox news and promos for Fox News Radio, weather, promo for "America's Morning News" mentioning WMKT, 92.1 FM, and "The Talk Station," good with WCBC phased. **(DY-WV)**
- WXYT MI **Detroit** – 11/5 1906 – Out of news, ads, jingle "Talk Radio 1270 WXYT," promos for "The New Talk Radio 1270," into female-hosted financial talk show. No longer SPT // 97.1 FM. **(DY-WV)**
- WHLD NY **Niagara Falls** – 11/4 1701 – ID "WHLD Niagara Falls-Buffalo," into a 40s-style tune. At 1703, ID for "Swing 1270." Fair at best. **(DY-WV)**
- WDLA NY **Walton** – 11/4 1701 – Legal ID, "True Oldies Channel" with "Baby" weekend (i.e., featuring songs with "Baby" in the title), good with WCBC phased. **(DY-WV)**

- WLIK TN **Newport** – 10/23 0104 – In multi-station mix with local weather by woman, "there's the latest weather forecast from WLIK." (KK-VA)
- 1280 WANS SC **Anderson** – 10/23 0059 – In mix with usual Fox Sports radio programming, "WANS Anderson South Carolina" ID by man into SRN news. (KK-VA)
- CFMB QC **Montreal** – 11/5 0816 – Creaming usual WHTK Rochester with "CFMB" jingle, woman in Italian with local weather and promo for upcoming program on Sunday morning (domenica mattina) into Italian EZL song. (MKB-ON)
- 1290 WKBK NH **Keene** – 11/4 2000 – Over/under WRNI; "WKBK is online at wwbkam.com ... now on FM 104.1," into CBS news. (BC-NH)
- WNBF NY **Binghamton** – 11/5 1858 – Fair; "... on Newsradio 1290 WNBF" and Binghamton ads during high school football coverage. (BC-NH)
- WHKY NC **Hickory** – 11/2 2320 – Fair-poor in pileup of other post-sunset stations with female talk show, commercial break, going back into the program with male canned, "You're listening ... live ... WHKY." (TLK-FL)
- +++ - 11/5 2100 – Fair; "This is Fox Sports Radio on 1290 WHKY Hickory." New log. (BC-NH)
- WFBG PA **Altoona** – 11/5 1801 – Fair; "You're listening to the IMG College Sports Network," ad for Blair County Convention Center event in Altoona. (BC-NH)
- WRNI RI **Providence** – 11/4 1800 – Good; Spanish contemporary music, ID in EE, "This is LPR, WRNI 1290 AM Providence." Ex-NPR. (BC-NH)
- WDZY VA **Colonial Heights** – 11/6 1700 – Under WRNI with *Radio Disney* promos, "WDZY Colonial Heights-Richmond" with *Radio Disney* jingle into countdown show. (BC-NH)
- 1300 WGDJ NY **Rensselaer** – 10/23 0230 – In WJZ/WKCY mix with "you're listening to talk 1300 WGDJ" ID by man, "Red Eye Radio" program. (KK-VA)
- 1330 WJNX FL **Fort Pierce** – 11/1 0655 – Heard as an unidentified the day prior around 0930 fadeout, and hoping for a Mexican, but merely this. Today, with Spanish commercials, including St. Lucie Jewelers and Rápido Calle Ocho, no ID through 1102 tune-out. (TLK-FL)
- 1340 WYBC CT **New Haven** – 11/5 1800 – Fair; "...on WSHU Public Radio" with list of supporters, "1340 WYBC New Haven, Connecticut ... We're a service of the WSHU Public Radio Group." (BC-NH)
- WNZS ME **Veazie** – 11/5 2050 – Fair at best; promo during zamboni break of college hockey coverage, "... on Newsradio 1340 WNZS." (BC-NH)
- WGAW MA **Gardner** – 11/6 1300 – Excellent; "Greater Gardner's source for local news and information, AM 1340 WGAW Gardner" and *ESPN* NFL coverage. (BC-NH)
- WNBH MA **New Bedford** – 11/4 1800 – Fair; *ESPN* promos, "You're listening to *ESPN* 1340, WNBH New Bedford." (BC-NH)
- WMID NJ **Atlantic City** – 11/5 1855 – Popped up with ID, "The all new Classic Oldies WMID." (BC-NH)
- WMSA NY **Massena** – 11/2 2152 – Oldies format, Jingle IDs. Fair at times. Local WYCK-1340, off this evening. (HJH-PA)
- 1350 WWWL LA **New Orleans** – 10/30 0614 – Very good with *ESPN* Radio Network feed, lots of network-fed PSAs (Healthcare 411, National Guard). Male canned "Mike and Mike in the mornings, 1350, WWWL, New Orleans" at 0700. (TLK-FL)
- WKCUC MS **Corinth** – 10/18 2030 – Poor, station promo "AM 1350 WKCUC your new home for your favorite Christian music." (SC-IN)
- 1360 WMOB AL **Mobile** – 10/29 2032 – "WMOB, Mobile" by man right at tune-in, into oldie gospel vocal. Very good, surely not really on required 212 watts night power. (TLK-FL)
- 1370 WGIV NC **Pineville** – 11/4 1841 – ID as "WGIV-103.3." Had song "Let's Get It On" by Marvin Gaye and other soul tunes. Good to fair. (HJH-PA)
- WTAB NC **Tabor City** – 11/5 2051 – Country music format. Very strong signal. Announcer said, "Stick around a while, I'm sure you'll hear something you'll like". ID as "Tabor City-Loris." (HJH-PA)
- WVMR WV **Frost** – 11/5 1800* – Sign-off announcement mentioning a number of FM outlets including WVLS. Fair signal. Extremely rare. Heard once about 20 years ago. (HJH-PA)
- 1400 WFDM FL **Fort Walton Beach** – 11/1 1108 – Laura Ingraham Show with Obama slamming, planted calls, network break for quack products (gold investors,



preserved food supplies), "From the FOX Radio Network..." at 1130 with business news headlines, concluding with "... the Fox Business Report." A couple of ads, then "News Talk 94.5" slogan, so obviously simulcast with the FM, and as per NRC Log. Good once WZHR, Zephyrhills pest was nulled. (TLK-FL1)

- 1410 **WIQR** AL **Prattville** – 11/4 1120 – Ad for local plumber, Papa John's at "1415 Memorial Dr. in Prattville", ID, mention of "FOX Sports Radio here in Alabama." Good, though trading off with unidentified EWTN network feed, maybe WNGL, Mobile, AL and an unidentified Spanish Mexican format (US) in the mix. WIQR still holding up well through 1210 tune-out. (TLK-FL)
- WHLN** KY **Harlan** – 11/5 1850 – Had song "Dancing in the Dark" by Bruce Springsteen. Local news and weather at TOH, ID and jingle. Alone and fair signal. (HJH-PA)
- WENU** NY **South Glens Falls** – 11/3 2000 – ID as "Real Country 1410." Into CNN news at TOH. Weak and alone. (HJH-PA)
- 1420 **WRSA** VT **St. Albans** – 11/2 1828 – ID as "Sports radio WRSA." Fox Sports Radio format. Strong and alone. (HJH-PA)
- 1430 **WTMN** FL **Gainesville** – 11/1 1105 – Female Afro-American preacher, touting no need to take insulin, high blood pressure, etc. meds if one just prays. An in-studio man gave his testimony, confirming it's true. Very good signal once WLKF, Lakeland nulled. (TLK-FL1)
- 1440 **WRED** ME **Westbrook** – 10/29 0820 – Ads for Maine State Lottery, program on "Sea Dogs Radio," and "The Big Jab" liners. (JC-DE)
- 1450 **KATE** MN **Albert Lea** – 11/3 0818 – Poor, several fades, with PSA, "once again, 33 degrees in Albert Lea" at end of local weather, into ad. (JJR-MI)
- KZZJ** ND **Rugby** – 11/2 2200 – Very poor with ToH legal ID, AP news in a huge mess. (JJR-MI)
- WHRY** WI **Hurley** – 11/2 0912 – Poor but alone with call letter ID, oldies and same jock as when heard 20 yrs ago! (JJR-MI)
- 1480 **WKND** CT **Windsor** – 11/6 1850 – "You're listening to WKND 1480 AM." Had song "Disco Lady" by Johnnie Taylor and other soul songs. Weak, mostly alone. (HJH-PA)
- KKCQ** MN **Fosston** – 11/2 0756 – Poor over/under WLMV with local community calendar, local sponsor, "45 degrees at the KKCQ studios," oldies. (JJR-MI)
- WADR** NY **Remsen** – 10/31 2145 – AC songs, IDed with // WUTQ-1550 in Utica. (JC-DE)
- WJLE** TN **Smithville** – 10/30 0700 – Very poor with Southern Gospel music, "WJLE" ToH ID and presumably into CBS news. NEW! (SC-IN)
- WPWC** VA **Dumfries-Triangle** – 11/5 2205 – Blues music program with Lou Rawls. Fair to poor signal and mostly alone. (HJH-PA)
- 1500 **WGHT** NJ **Pompton Lakes** – 10/16 0753 – Mentions of New Jersey Secretary of Agriculture Doug Fisher, plant disease, etc, "... on WGHT", under Billy Graham sermon on WFIF. (DP-QC)
- 1510 **KCKK** CO **Littleton** – 11/3 0700 – Fair with ToH legal ID, Yahoo Sports radio. No WLAC anywhere! (JJR-MI)
- 1560 **KGOW** TX **Bellaire** – 11/4 0715 – Poor but steady over others with ads, "John on 1560 the Game" station promo. Being heard a lot more of late. (JJR-MI)
- 1570 **WFRL** IL **Freeport** – 11/2 0659 – Poor with ToH ID, "3 decades of the greatest hits ..." station promo. (JJR-MI)
- WWCK** MI **Flint** – 11/5 2000 – Legal ID on the hour, back to wrestling talk program as per web site. (DY-WV)
- WNCA** NC **Siler City** – 11/2 0828 – Call ID, North Carolina News Network sports, into the "Word of the Lord" program. (JC-DE)
- 1630 **KRND** WY **Fox Farm** – 11/2 0807 – Presumed, poor but still over KCJJ with lively SS music. Sat thru 3 songs, no slogans, zilch. (JJR-MI)
- 1640 **WTNI** MS **Biloxi** – 11/1 1337 – Very good with local ads, including one for the River Kings team ticket purchase options. Blocked daytime at home in Clearwater by local WWBA-820 Largo harmonic. (TLK-FL1)
- 1660 **KUDL** KS **Kansas City** – 11/5 0651 – Poor but alone with long classical music piece. (JJR-MI)
- 1670 **WPLA** GA **Dry Branch** – 11/1 1335 – Extremely weak and alone with Fox Sports Radio audio. (TLK-FL1)

WIQR
AM 1410



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.

Trans-Atlantic DX

- 549 **ALGERIA** *Chaîne 1, Les Trembles* NOV 11 0220 – Good; discussion between a man and woman in Arabic. [Conti-NH]
945 **FRANCE** *France Info, Toulouse* NOV 11 0209 – Fair; a classic reggae song, parallel 1206 kHz. [Conti-NH]
1053 **UNITED KINGDOM** *TalkSport* synchros NOV 4 2340 – Good; telephone talk about government, parallel 1089 kHz. [Conti-NH]
1062 **ITALY** *Rai Radiouno* synchros NOV 10 2300 – Fair; sign off with test tones. [Conti-NH]
1062 unID NOV 4 2345 – Bits of audio on a weak carrier; heard Italy sign off at 2300 UTC. [Conti-NH]
1215 **KALININGRAD** *VOR Bolshakovo* NOV 10 2258 – Fair, over *Absolute Radio*; announcement in English, "This is the Voice of Russia World Service. At 23 hours UTC..." into frequencies and ruvr.ru address, then signal disappeared. [Conti-NH]
1314 **UNITED ARAB EMIRATES** *R.Farda, Al Dhabbaya* NOV 10 2300 – Good; contemporary Middle Eastern vocal into announcement with *R.Farda* mentions. [Conti-NH]
1394.85 **ALBANIA** *TWR Fllakë* NOV 11 2125 – Fair; slow deliberate speaker, then announcement by a woman, 2130 one cycle of *TWR* interval signal and off. Measured 1394.850 kHz. [Conti-NH]
1440 **LUXEMBOURG** *RTL Marnach* NOV 10 2300 – Fair, over unID domestics; announcements in English for crienglish.com, fanfare, "CRI, from Beijing." [Conti-NH]
1458.8 **ALBANIA** *CRI Fllakë* NOV 11 2225 – Het against unID 1458 kHz signals. Measured 1457.799 kHz. Also measured two signals at 1458 nominal; 1458.000 likely *Sunrise Radio* and 1458.004 unID. [Conti-NH]
1467 **FRANCE** *TWR Roumoules* NOV 11 2250 – Fair to good; Arabic program. *TWR* interval signal on the hour, then signal was briefly off for antenna pattern change, returning at good level with English program. [Conti-NH]



Pan-American DX

- 570 **CUBA** *R.Reloj, Santa Clara* OCT 15 1025 – Clock heard under WMCA and WSYR mix. New here. [Picard-QC]
660 **CUBA** *R.Progreso, Jovellanos* NOV 1 1612 – Traditional Cuban vocals, fair on D5, parallel excellent 640 kHz. [Krueger*D-FL]
700 **MEXICO** unID OCT 31 1126 – Barely audible with the choral national anthem concluding at this odd time, traces of female 1127, lost on sunrise. [Krueger*C-FL]
860 **CUBA** *R.Reloj, Jovellanos* NOV 1 1714 – With big WGUL Dunedin nulled best as possible, this one present on the R75. Four locations listed in Mauricio Molano's list, all but Guantánamo theoretically possible daytime here, but Jovellanos, Matanzas most likely without careful LOB, which I didn't have the ability with me to do remotely. [Krueger*D-FL] *V1.1 of the Molano list only shows Jovellanos.*
880 **CUBA** *R.Progreso, Pinar del Río* NOV 1 1602 – Fair on the D5, better than parallel 890 kHz. [Krueger*D-FL]
900 **CUBA** *R.Progreso, San Germán* NOV 11 0131 – ID, "Radio Progreso... la onda de la alegría, Habana..." Was fading in and out, giving way to presumed WBRV, in CHML null. [Picard-QC]
910 **CUBA** *R.Metropolitana, Villa María* NOV 1 1707 – Good on the R75 once the local WTWD Plant City nulled, with Noticiero Nacional de Radio relay. [Krueger*D-FL]
990 **MEXICO** *XECL Mexicali, BC* OCT 9 0620 – Fair with fading; U.S. 80s pop/rock. Full ID at 0635, "Esta es XECL, noveciento noventa AM, Rocola Nueve-Noventa con cinco mil wats de potencia... en Mexicali, Baja California..." [Vance-TX]
1020 **CUBA** *R.Artemisa, Artemisa* OCT 31 1555 – Lots of sloppiness here. Cuban vocals ending at 1600, followed by



- almost to minutes of open carrier. Then, even more amusingly at 1659, they patched into the Noticiero Nacional de Radio (NNdR) feed a little too early, capturing the male canned "Rebelde de Habana" ID ahead of NNdR. Which also might confirm that *R.Rebelde* is the actual first generation source of NNdR, vs. something taken down independent of any network. Parallel much weaker 1000 kHz. [Krueger*C-FL]
- 1070 **MEXICO** XESP San Pedro Tlaquepaque, Jal OCT 9 0920 – Fair in battle with partially phased KNX; U.S. '80s-'90s rock/pop. "Diez-Setenta" slogan and little 5-note flourish between each song. Full ID on the hour, "XESP... transmite Avenida Pablo Casals Cinco-Seis-Siete, Colonia Prados Providencia en Guadalajara, Jalisco, México. Radio Noticias Diez-Setenta..." [Vance-TX]
- 1140 **CUBA** *R.Mayabeque*, La Salud NOV 1 1655 – Tune-in to radio novela, ending 1658 and male canned, "Esta es Radio Mayabeque... la voz Mayabeque... 104.7 FM..." (no reference to any onda media channel, so proud they must be of the FM I guess) into way totally cool solo bell interval signal, roughly 20-ish chimes, played thrice (not the rarely heard ICRT interval signal), into patched Noticero Nacional de Radio (NNdR) news. Came out of NNdR at 1729 with the interval signal once, then the same canned ID as at 1658, patter and into Cuban vocals. Very good. [Krueger*D-FL]
- 1210 **CUBA** *R.Rebelde/R.Sancti Spiritus*, Sancti Spiritus NOV 2 2350 – Spanish vocals, male canned "Rebedle de Habana" and instrumental theme at 0000, into pre-game baseball, parallel all the others. First noted Rebelde audio here in November, 2010, which Paul V. Zecchino DFed to approximately Chivirico, Santiago de Cuba (same site as *R.Revolución*), obviously not the same as this one. NOV 4 1054 – Confirmed it's *R.Sancti Spiritus* relaying *R.Rebelde*. Tune-in with Rebelde programming, abruptly cut at 1058 with *R.Sancti Spiritus* ID, into Cuban vocals, no longer parallel Rebelde network. So, obviously at time patching Rebelede. NOV 4 2340 – *R.Rebelde* with music at 2340 tune-in, a quick *R.Sancti Spiritus* ID seconds before 0000, then back to Rebelde. NOV 5 – Rebelde until 1100, then open carrier for a few seconds, into *R.Sancti Spiritus* ID and programming of Cuban vocals. But today, *R.Rebelde* audio (news) also remained under, so yet another station with Rebelde! [Krueger*C-FL]
- 1220 **CUBA** *R.Caribe*, La Fé, Isla de la Juventud OCT 28 2345 – Nice traditional Cuban vocals, male and female bantering, telco-patched man regarding physical street directions to an outdoor event tonight, live female ID at 0000: "En Radio Caribe, ocho de la noche... territorio libre en América, Radio Caribe, desde la Isla de la Juventud." Excellent. Also noted excellent 0600-0800 October 30, similar IDs. This one is rapidly becoming a favorite background music station overnights with a big mostly ground (water path) signal, much like the old days when they were on 1270, especially the latter days when the transmitter became massively over modulated and seemingly eventually melted down. Oh, they have a 4-chime theme or quasi interval signal, sometimes used top-of-hour, but used just one time and not repeated. [Krueger*C-FL]
- 1320 **MEXICO** XECPN Piedras Negras, Coah OCT 23 1115 – In with norteñas and other conjuntos. ID at bottom of the hour, "Esta es XECPN, mil trescientos veinte kilohertz, diez mil watts de potencia, transmitiendo... Piedras Negras, Coahuila..." Also had "La Poderosa" slogans between songs. Fair-to-poor in competition with KFNZ Utah for topdog. [Vance-TX]
- 1320 **MEXICO** XEJZ Cd. Jimenez, Chih OCT 23 1210 – Poor but came up briefly with ID, "XEJZ... La Campera." A fading XECPN and a weak KFNZ provided the 'required' interference. [Vance-TX]



Contributors

Bruce Conti, Nashua NH; WiNRADiO Excalibur, 7 x 19.5-m variable

termination Split SuperLoop at 60°, 15 x 23-m variable termination north/south SuperLoop.

Terry L. Krueger, Clearwater FL; JRC NRD-535, ICOM IC-R75, Hammarlund HQ-180A, Aqua Guide 705 Radio Direction Finder, Sangean PR-D5, Sony ICF-7600GR, GE SuperRadio III, RadioShack DX-399, 1 X roof dipole, 1 X in-room random wire.

Terry L. Krueger, Honeymoon Island State Park, Dunedin FL; stock ICOM IC-R75 with 200-ft random wire on the parking lot ground running roughly northwest, and Sangean PR-D5 portable sitting on a Target bamboo lazy Susan atop the car roof.

Denis Picard, Trois-Rivieres QC; ICOM 746 Pro, Kiwa loop, 145-ft attic wire.

Robert Vance, El Paso TX; WiNRADiO G303e/PD, 12 x 9-ft unterminated corner-fed north-south loop, 3 sq meter amplified air 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 35. This time around we look at Radio Reloj in Cuba. Reloj means clock in Spanish and they fit this moniker very well as you will see below. They claim at their web site (English version) to be "the oldest continuous news channel in the world". Their URL is: <http://www.radioreloj.cu/english/>. The stations broadcast news all day in Spanish with a definite Cuban slant. You will notice some very interesting things about the station if you tune them in that make them easy to identify:

1. They are in Spanish at all times.
2. They seem to alternate between a man and a woman reading the news.
3. There is a steady tick, tick, tick in the background. The ticks are about one second apart. This gives them their clock sound and hence the name of the radio station.
4. At the top of each minute there is a Morse code ID of R R (.-. -. or dot dash dot repeated twice).
5. They love to say Radio Reloj (Radio Reloch sounded in English) often to ID. There is no need to wait to the top of the hour for these folks.



These very distinctive Morse code ID's will often cut through all the other stations on the frequency much like the code ID's used in DX tests that many of us are familiar with. The web site listed above even has a link to hear the station on your computer. However please be forewarned that they are about 25 seconds behind the actual broadcast so your RR ID's will not fall on the top of each minute.

Below is a listing that should give you the frequencies and cities they broadcast from:

570 SANTA CLARA	930 CIENFUEGOS
610 TRINIDAD	930 LA JAIBA
760 LAS MERCEDES*	930 SANTIAGO. DE CUBA
790 HOLGUÍN	940 CENTRAL ESPANA*
790 PINAR DEL RÍO-	940 HOLGUIN*
820 CIEGO ÁVILA	950 HABANA*
820 CONTRAMAESTRE*	950 MAYARI ARRIBA*
830 HOLGUIN*	950 ARROYO ARENAS
850 NUEVA GERONA	950 CAMAGÜEY
860 BARACOA*	960 GUANTÁNAMO
860 COLON*	960 CIENFUEGOS*
860 JOVELLANOS	980 BAYAMO*
870 BARACOA	980 MOA
870 BUEYCITO	1020 VICTORIA DE LAS TUNAS
870 SANCTI SPÍRITUS-	1020 JOROBO*
880 MAYARÍ ARRIBA	1180 NUEVA GERONA*
910 BOLONDRON*	1270 CAMAGUEY*
920 MOA*	1610 UNKNOWN SITE REPORTED*

This listing was gleaned from <http://usuarios.iponet.es/mmolano/CUBA-plan-ENG.pdf> the web site of Mauricio Molano as well as the WRTH (* means in the WRTH but not on the Molano listing).

Have fun trying to hear these stations. They are the only ones I know of that have a Morse code ID all day every day.

Bits and Bites from the NRC listserv:

From: "Paul B. Walker, Jr." walkerbroadcasting@gmail.com Subject: 660

So, I asked about a station on 550 earlier today. A different station comes to mind. "NewsRadio 660 KEYZ Country" (Pronounced KEYS) Williston, North Dakota I was associated with KEYZ's sister station, Country Thunder Z96 KYYZ for a few short months. We had 2 listeners, husband and wife, who came to pick up something at the station that she bought on "Tradio" and when they got there, we asked them how far away they lived. They lived about 2 1/2 hours away and we were one of the only stations that they could pick up clearly. Another day, we had a winner to an Afternoon Trivia contest who said he listened on his walkman as he drove his tractor in the fields... 100 miles

away. Who's heard/logged this one? I heard the thing all the way to Minot one night and from what I can tell, it almost pounds into Regina at night. The station USED to be a 5KW'er with 3 towers on 1360 but in the mid 80s, they moved to a 4 tower site on the other side of town, kept 5KW'ers but moved to 660 and added AM Stereo which they still keep today. Some or all of the towers for the 1360 array are STILL STANDING in their original location; 25 years after 1360 went off the air. Paul Walker

From: Wayne Heinen amradiolog@nrcdxas.org Subject: Re: 660

Quoting "Paul B. Walker, Jr." Who's heard/logged this one?

I heard the thing all the way to Minot one night and from what I can tell, it almost pounds into Regina at night First logged here in 1990 on 1360, Logged on 660 in 2004 and 2006...73 Wayne

From: neilkaz neilkaz@earthlink.net Subject: Re: [NRC-AM] 660

Very rare via SSS. Not heard in 10 years or so, but I don't spend much time on 660 at SSS except to check if AZ is in occasionally as a cx check. 73 KAZ Barrington IL

From: Shawn Axelrod amandx@mymts.net Subject: 660 KEYZ

Paul Hearing them right now in Winnipeg MB. They dominate the channel all day with a good clear signal. Maybe I should enter the contests. Nope crossing the border to get my prize would be too much of a pain. 73 Best of DX Shawn Axelrod VE4DX1SMA Winnipeg MB



From: "Paul B. Walker, Jr." walkerbroadcasting@gmail.com Subject: Re: 660 KEYZ

Wow Shawn...cool. The station does have a big signal.....thanks for sharing. Paul

From: neilkaz neilkaz@earthlink.net Subject: Re: 660 KEYZ

That quite impressive if they are actually running the day pattern show at the FCC site. Perhaps there's a mistake there? 73 KAZ

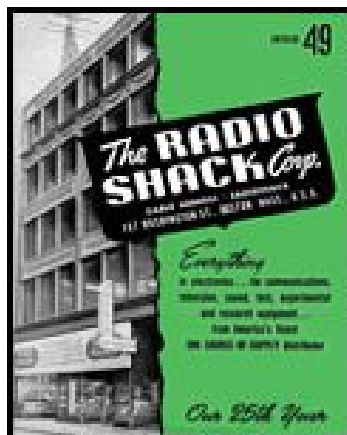
From: "Jim Renfrew" jrenfrew@rochester.rr.com Subject: Yee

The construction crew ran a water pipe under my road today so I can hook up to county water. Since the main water main was on the other side of the road they used a air-pressured "torpedo" to push through a horizontal hole for the copper tube to go through, about six feet down. All it took was a case of beer and they kindly tied a coax to the tube, so now I have the ability to run a longwire on the other side of the road where there is endless farm acreage. They even hid it just at the edge of the tree line so the actual farm owner won't see it or be vulnerable to town lawn mowing. I think this is a once in a lifetime opportunity. I was glad to be home today to make this happen. Not sure how I'll set this up. It's 200 feet from the house, so a long coax run will be needed. Not sure if any of the copper tubing will be visible above ground, probably not as it looks to be about 5 or six feet down. I have to hire my own contractor to run a tube from the junction box to my house. That will be in the spring sometime. Step two will be to run coax under the driveway at that time. Someone on this list suggested something other than coax. I may try to squeeze four or six wires under the driveway so I can experiment. Now that I see how easily this is done. As for the coax under the road, I won't do anything with this until snow is on the ground. The wire I connect will have to lie on the snow. Jim

This month's DX Tool Box web site is:

Radio Shack Catalogs located at: <http://www.radioshackcatalogs.com/index.html>

This web site is for anyone who ever stepped into a Radio Shack or ordered something from them. There is a history of the company videos and a huge collection of catalogs. This was a great trip down memory lane. All the catalogs with their covers showing off what was in the day the newest brightest shiniest must have electronics. The catalogs go back to 1939 just before World War II broke out. Also on the site are commercials that are great fun to watch, including one for a 65-in-1 electronics kit for only \$17.95. Bet that won't be under any Christmas trees this year. That and the ads for CB radios and handheld calculators are not to be missed. My favourite is the ad for a Hi-Fi system with a turntable featuring a DJ Bob Holding from CFMI Vancouver.



73 for this time Shawn

Remember On A Clear Day You Can Hear Forever

Confirmed DXer

Phil Bytheway phil_tekno@yahoo.com
9705 Mary NW
Seattle, WA 98117-2334

Let's start something new and informative. If you don't have a verification to report, let us know what techniques you use for reporting. I'm certain that things are a bit different these days. Noted that most of these verifications are by email. So how does one find out the appropriate email to send a report to? Do we still need to include at least 15 minutes of solid details? Can we send digital recordings with our reports and how effective is that? Only **YOU** can tell us what works!!

- 540 WFLF **FL**, Pine Hills, "5-40 WFLA". Sent 8th! e-f/up, received f/d email in 30 min. V/s: Katherine Brown, Program Director. katherinebrown@clearchannel.com. (MM-Spain)
- 570 WNAX **SD**, Yankton. Sent s-mail rept, received f/d email in 6d. V/s: Jerry Oster, News Director. joster@wnax.com. (MM-Spain)
- 620 WDAE **FL**, St Petersburg. Sent e-rept, received f/d email in 6h. V/s: John McMartin, Director of Engineering. JohnMcMartin@clearchannel.com. (MM-Spain)
- 680 WAPA **PR**, San Juan. After several s-mail reports and 7 e-f/ups, received f/d email in 1d. V/s: José Raúl Arriaga, Periodista. waparadio680@gmail.com. (MM-Spain)
- 730 HJCU **COLOMBIA**, Radio Líder-Cad, Melodía, Bogotá. Sent 2nd e-f/up, received f/d email. V/s: "CADENA MELODÍA DE COLOMBIA". ultimasnoticias@cadenamelodia.com. (MM-Spain)
- 920 WDMC **FL**, Melbourne. Sent 5th e-f/up, received f/d email in 3 days. V/s: Robert G Groppe, Station Manager. rgroppe@divinemercyradio.com. (MM-Spain)
- 950 CKNB **NB**, Campbellton. Sent 2nd e-f/up, received f/d email in 1d. V/s: David Montgomery, General Manager. dave.montgomery@mbsradio.com. (MM-Spain)
- 1070 WNCT **NC**, Greenville. Sent e-rept, received f/d email in 1h. V/s: Bruce Simel, Market Manager. simel@bbgi.com. (MM-Spain)
- 1190 LR9 **ARGENTINA**, Radio América, Buenos Aires. Sent e-rept, received f/d email in 1day. V/s: (none). contacto@amradioamerica.com. (MM-Spain)
- 1240 OAU6D **PÉRU** Radio Líder, Arequipa. Sent e-rept, received f/d email in 2month. V/s: John Ortiz, Administrador. lideraqp@gmail.com. (MM-Spain)
- 1250 OAX4L **PÉRU**, Radio Miraflores, Lima. Sent 3rd e-f/up, received email in 54min. V/s: Ernesto Iglesias Morales, Jefe de Programación. ernesto@radiomiraflores.net. (MM-Spain)
- 1540 OBX4N **PÉRU**, Radio Corporación, Cerro de Pasco. Sent 4th e-f/up, received email in 11h. V/s: Daniel Palacín, ppalacinp@gmail.com. (MM-Spain)
- 1590 WGBW **WI**, Denmark. DX Test of October 23, 2011. Oversized "Ekko Stamp" QSL and WGBW "Honorary Tower Site Supervisor" tee shirt received in 5 days for email report to wgbw@lsol.net. Thank you Mr. Heller! (KK-VA)



Contributors:

Kraig Krist, Manasas VA (KK-VA)

Mauricio Mauricio, Salamanca SPAIN (MM-Spain)

Please preserve these QSL's for future display! Do not discard these items. For preservation information, contact the National Radio Club

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

Musings of the Members

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

Thoughts from NRC members. Local time per Muse.

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

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

As I write this I get a sentence or two in between scanning pages of DX News Volume 2 from 1934 into pdf documents. By the time you read this I hope to have what we have of volume two on line at e-dxn.com. This season has started off slow. I tore my bicep back in August and had surgery the beginning of September. The healing, recovery and rehab is a very slow process! I really fell behind on building my log totals when I started chasing an elusive call change ID for Dell City, Oklahoma. I was able to hear the Radio Disney programming but a good call sign ID for the tape collection had eluded me until the review of my October 24th tapes. I finally heard the rather lightly modulated male announcer a few minutes before the top of the hour with a quick ID. This is the first (and only) Radio Disney that I've logged without a little kid doing the recorded ToH ID! This one finally hit the log. If any of you are interested I have posted .mpeg recordings of over 1000 catches from here in Aurora at my website www.wayneheinen.com look under BCB DX and then ID Tapes. Listen to my KEBC-1560 recording and you'll see what I mean.

Thanks to Ernie Wesolowski and the Omaha crew for a fine convention in October. It was great getting reacquainted with the like of Qal R Mann, Skip Dablestein, Neil Zank, Rick Dau and all the other attendees.

Now that the static season is gone I'll be concentrating on other targets and just building it the heard totals for my 2011-2012 log. I hope everyone has dusted off the dials and is getting back to the DX'ing hobby! 73

For AM Stations, Future May Be on FM

WBZ's strength, WEEI's sports programs have delayed the change in Boston, but younger listeners are mostly ignoring the old system.

Chad Restruck used to listen to sports talk WEEI-AM 850, but he couldn't always pick up the station's AM signal during his commutes from Hanover to his job as an administrator at Brigham and Women's Hospital in Boston. "It was tough to hear because the signal wasn't good," said Restruck, 28.

Two years ago, he switched to The Sports Hub, WEEI's competitor at 98.5 on the FM band. "It's perfect. I never had a problem with them," he said.

Stations like WEEI are losing their audiences as listeners who grew up with AM radio age and younger listeners insist on the richer sound of FM. With its weak AM signal and competition from The Sports Hub, WEEI, the dominant sports talk station in Boston for years, was falling in the ratings. So in September, the station took a spot on the FM dial, simulcasting its AM programming on a former pop rock station, WMKK-FM 93.7.

In markets such as Atlanta, Chicago, and San Francisco, heritage AM news or sports radio stations like WEEI are taking over FM counterparts to simulcast their programs. Some have done it to appeal to younger audiences who have grown up with FM. Other outlets have done it to blunt a competitor. And for the most part, the result has been better ratings.

Until recently, Boston avoided the trend because two of its most popular radio stations are on AM: WBZ-AM 1030 and WEEI.

So far, no other local AM station has revealed plans to follow WEEI to the FM band, although increasingly, that's where the listeners are. Almost three out of every four radio listeners in the United States say they never tune in to AM, according to Arbitron, the ratings service. In Boston, 81 percent of people listening to radio at a given moment are tuned to an FM station, Arbitron said.

Boston stations are late to switching from AM to FM because "having the Red Sox on [WEEI] by itself has done a lot to keeping AM in the consciousness of listeners," said analyst Scott Fybush, publisher of the Northeast Radio Watch newsletter. "It hasn't hurt that WBZ has remained as strong as it is."

For WEEI, the decision to simulcast on FM was a matter of numbers. In October 2009, two months after the launch of The Sports Hub, WEEI was capturing 5.3 percent of Boston's listening audience. A year later, its share had dropped to 4.2 percent.

By September, when WEEI made its move to FM, The Sports Hub was finishing first among males ages 25 to 54, a demographic advertisers covet. Among those listeners, WEEI ranked eighth.

But the decision to simulcast on FM is working for WEEI. Counting its signal on both AM and FM, the station's average weekly listener audience is up 27 percent since the simulcast began, according to Arbitron's October ratings.

WEEI was also up 46 percent among men ages 25 to 54, although The Sports Hub was still tops in that demographic.

And WEEI's total audience numbers more than recovered. In October, WEEI on average had 824,100 weekly listeners in Boston, a 5.6 percent share. The Sports Hub had a 4.3 percent share.

"We knew it would be a huge benefit for us," said Jason Wolfe, WEEI's vice president of programming, of the simulcast. "We had a lot of trouble on the AM [band] reaching those younger people" who listen to FM.

There have been similar results in other markets. Last year, for example, the Atlanta news-talk outlet WSB-AM started simulcasting on FM. Together, its AM and FM broadcasts now form a powerhouse, ranking second and fifth in the most recent ratings period.

The question is whether the migration to FM signals the beginning of the end for AM radio. Jack Casey, an Emerson College radio professor, called WEEI's FM simulcast "a bellwether indicating that in order to get younger listeners, you have to be on FM. Most younger listeners never frequent the AM band. They hardly know it exists."

The migration may accelerate, said Northeast Radio Watch's Fybus. Since WEEI began its FM simulcast, there are only two AM stations that rank among the top 15 in Boston by percentage share of total listening audience.

One is WBZ, which draws about 6 percent of listeners in Boston. Only WXKS-FM 107.9, which has 9.5 percent, draws more listeners in Boston.

The other popular AM outlet is the conservative talk station WRKO-AM 680, which ranked 14th with 2.3 percent of Boston listeners.

Mark Hannon, senior vice president and market manager for CBS Radio, which owns five stations in Boston, said he launched The Sports Hub in 2009 to boost the flagging ratings performance of then-rock music station WBCN-FM. (The Sports Hub replaced adult contemporary music station WBMX, or Mix 98.5 FM, which moved its programming to 104.1 FM, former home of WBCN.)

As for WBZ, also owned by CBS Radio, there are no immediate plans to place its programming on FM, Hannon said. WBZ has a potent signal that reaches as far north as Canada and as far as south as the Carolinas at night, he added.

"That station transcends everything because it's such a large signal, and a station with 90 years of heritage," he said.

WEEI's Wolfe said his station's FM simulcast has improved not only the ratings but its reach. "The direction of the signal is unimpeded," Wolfe said. "It's like a blanket now, where as there were pockets before on AM."

Between the AM and FM stations, WEEI can be heard in Southern New Hampshire, the Merrimack Valley, Metrowest, and Worcester, as well as in Greater Boston.

Demetri Rizos, 42, is one listener who followed WEEI from AM to FM. "It's better clarity," said Rizos, a physician who listens to WEEI on his morning commutes from Danvers to Lowell.

"Going to FM is like putting the cherry on the ice cream."

Source: From the Boston *Globe* – Nov. 9, 2011 (by Johnny Diaz)

Radio is Dead. Long Live Radio!

Few probably noticed last weekend when two AM radio stations in Norwalk and Stamford changed their programming. But what's happening in our own backyard is part of a national trend: local commercial radio is dying.

WSTC (1400 AM) and WNLK (1350 AM) have been owned by Cox Media Group since 1999 along with FM sister stations WFOX (95.9 FM) and STAR 99.9 (WEZN). Cox is one of the better radio groups, long supporting local news and public affairs, but the dwindling local ratings doomed the format.

(Full disclosure: in the 1980's I was a radio consultant and worked with the previous owners of WNLK to improve their programming, long before I ever moved to Fairfield County. I have also been

interviewed many times on WSTC and WNLK in my capacity as Chairman of the CT Rail Commuter Council.)

In recent years, local news on these and other stations has dwindled as local reporters and anchors were replaced by network feeds. So too was most of the right-wing talk programming on WSTC/WNLK delivered by satellite. What local programming the stations did offer was brokered, i.e. the hosts bought the airtime and sold ads on their own shows.

In this economy and with so many other media sources to choose among, the AM stations' days were numbered. But local talk maven Lisa Wexler is now seeking a new home, WSTC and WNLK have not "gone dark." Instead, they are now owned and operated by WSHU at Sacred Heart University in Fairfield. (John Labarca's "Italian House Party" on Sunday evenings will, it was just announced, continue on the stations.)



WSHU (91.1 FM) already has a number of co-owned stations covering Connecticut and Long Island. Their FM's simulcast the station's classical music programming (among the last available on our local dials) while others, including their flagship AM (WSHU 1260 AM), carry NPR's news and talk programming. That's also the plan for WSTC and WNLK.

WSHU says it plans to add up to seven new employees, including a news reporter, to beef up coverage of Fairfield County. This has to come as good news in our communities so dominated by New York and Hartford stations, including WNPR.

Especially during the recent storms and power blackouts, local radio has proven itself invaluable for keeping in touch. I have every expectation that WSHU will continue that tradition and keep all of us in lower Fairfield County better informed.

If a for-profit commercial station couldn't make it in this market, perhaps a listener-sponsored public station can.

Source: Darien (Conn.) *Patch* – Nov. 10, 2011 (by Jim Cameron)

NOAA Space Weather Outlook

Issued November 8 – For the period November 9-December 5, 2011

Solar activity is expected to be at predominately low levels through the period. M-class activity is likely from November 7-14 with a slight chance for X-class activity all due to the complex nature of Region 1339. M-class probabilities decrease to a slight chance from November 15-23, with a less than 10 percent chance for X-class activity after Region 1339 departs the visible disk on November 14. Region 1339 is projected to return on November 24, raising M-class probabilities for the remainder of the period.

A slight chance for a proton event exists from November 7-14 due to the complex nature of Region 1339. Proton event probabilities decrease after Region 1339 departs the visible disk on November 14. Probabilities will increase slightly on November 24 when Region 1339 is projected to return if it remains as magnetically complex as it is this rotation.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to be at normal to moderate levels throughout the entire forecast period.

The geomagnetic field is expected to be generally quiet levels for the majority of the period. Quiet to unsettled levels are expected from November 11-12 due to a small, recurrent coronal hole high-speed stream (CH HSS) and a weak coronal mass ejection observed on November 8 in association with a disappearing filament. Mostly quiet conditions are expected from November 13-25. Quiet to unsettled conditions are expected on November 26-27 due to a recurrent CH HSS followed by a return to quiet levels for the remainder of the period.

(From <http://www.swpc.noaa.gov/ftplib/weekly/WKHF.txt>)

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.

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>; Bill Hale <w_r_hale@sbcglobal.net>; 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/IRCA DX Tests Manager: Saul Chernos - 57 Berkely St. - Toronto, Ontario Canada M5A 2W5, <schernos@sympatico.ca>.

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

• **DX News – David Yocis, Publisher/Editor** <NRCDXNews@gmail.com> – 864 Valley View Rd. – Harpers Ferry, WV 25425-6987; 304-725-6299 [leave voice mail]. (Contributions to DX News only)

Subscriptions and Renewals to DX News: Yearly subscription (30 issues) per year U. S. Address: US\$33.00; Canadian Address: US\$43.00; all other countries: US\$57.00.

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

• **DX Audio Service – Fred Vobbe, Publisher/Producer** – 706 Mackenzie Drive -Lima, OH 45805-1835, (recordings for the Audio Service and 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): One-year First-Class Mail subscription to DX Audio Service to USA, Canada addresses: US\$28.00; all other addresses: US\$40.00

National Radio Club

P.O. Box 473251

Aurora, CO 80047 – 3251

DX News or DXAS subscription or delivery problems? Contact NRC HQ <sales@nrcdxas.org> or via National Radio Club Headquarters' PO Box.

What to send via USPS to

The National Radio Club Headquarters
PO Box 473251

Aurora, CO 80047-3251

New Subscriptions and renewals to DX News, e-DXN.com and the DXAS Audio Service and any orders for publications of the National Radio Club. All subscription addresses changes and any and all delivery problems for any NRC items. No need to send orders for separate items with 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 MO 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