

DX News

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From the Publisher: Dave Schmidt checks in after a bit of a computer meltdown has had him offline for a bit, but he passes along some Musings for this issue that have been stuck in the queue for a while. We should be caught up now on Musings, but you can fix that by dropping Dave a line and letting us all know what you've been up to.

The FCC is crawling back to life after the recent shutdown; still no official sign of the AM revitalization plan that was announced a few weeks ago. We've got our eyes peeled for it and will pass along more info when we have some.

We're a Social Group: The NRC is on Facebook and Twitter! Social media is a yet another way to keep in touch with NRC members, share DX tips, and spread the hobby – and the news about what the NRC has to offer to a broader public. Looking for more information? See page 23.

Unreported Stations: One more station to drop from the DDXD unreported station list this time: WBZT-1230. There are 557 left not reported from Volume 67 until now. The current unreported list is now maintained on e-DXN, so look there for any targets you can report!

IRCA Mexican Log: The 18th Edition of the IRCA Mexican Log has now been released, and is available to NRC members at the IRCA member price. See page 16 for details on how to order yours today!

Perseus Auction: At this year's convention, John Callarman donated his fresh-out-of-the-box Perseus SDR to the club, to be auctioned for the benefit of the NRC. Bids will be accepted until November 1. For details see page 10.

DX Audio Service: Have you heard the October issue of the DX Audio Service (#345)? You can pick it up in .mp3 format on e-DXN (even if

you think of yourself primarily as a DX News member) or through a separate subscription to the CD version.

Membership Report

"Here's my 35th renewal. Just realized I joined in 1978 when I was stationed in the Aleutian Islands at Adak." – Rod O'Connor.

Rejoining Members – Welcome back to Gary L. Smith (Southington CT).

Renewing Members – Thanks to the continued participation and support of Kenneth Chatterton; Richard Clark; Arthur Coffey; Jerry Elya; Robert L. Foxworth; Len Kelter; Terry Krueger; Ted S. Liszewski; Tim Noonan; Rod O'Connor; and Hugh O'Riordan.

NRC/WTFDA Convention 2014: Bids are being accepted for the 2014 NRC/WTFDA annual convention. For information, contact Ernie Wesolowski at NEErnieW@YAHOO.COM or 13312 Westwood Ln. Omaha, NE 68144. Ernie can help you evaluate the practical aspects of hosting a convention so that if you decide to make a formal bid you'll have what you need to make that decision.

VOL. 81 DX NEWS PUBLISHING SCHEDULE

No	In By	Date	18	Jan. 24	Feb. 3
6	Oct. 25	Nov. 4	19	Jan. 31	Feb. 10
7	Nov. 1	Nov. 11	20	Feb. 7	Feb. 17
8	Nov. 8	Nov. 18	21	Feb. 14	Feb. 24
9	Nov. 15	Nov. 25	22	Feb. 21	Mar. 3
10	Nov. 22	Dec. 2	23	Mar. 7	Mar. 17
11	Nov. 29	Dec. 9	24	Mar. 21	Mar. 31
12	Dec. 6	Dec. 16	25	Apr. 11	Apr. 21
13	Dec. 13	Dec. 23	26	May 2	May 12
14	Dec. 27	Jan. 6	27	May 30	June 9
15	Jan. 3	Jan. 13	28	June 27	July 7
16	Jan. 10	Jan. 20	29	Aug. 1	Aug. 11
17	Jan. 17	Jan. 27	30	Sept. 5	Sept. 15

NRC AM Radio Log, 34th Edition

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

Price: To the United States, \$22.95 to members, \$28.95 to non-members

Add \$3.85 for Priority Mail.

To Canada, \$35; Airmail to all outside US/Canada: \$39.00.

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

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

CO residents add 3.5% sales tax.



AM Switch

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

The FCC web site has been back up and running, and things are starting to return to normal. All filing deadlines from October 1-21 have been suspended. Any STAs that were to expire between October 1 and October 22 were automatically extended to November 4.

CALL CHANGES

- 650 KRTR HI Honolulu – Call change to KPRP (10/3).
 730 KINF ID Boise – Call change to KNFL (10/1).
 1340 WWLF NY Auburn – Call change (back) to WMBO (10/3) (used this call until 1998).
 1370 WEGI KY Fort Campbell – Call change to WLFZ (10/1).



NEW STATION WATCH

- 1550 KDCC CO Golden – CP for new station was for U2 5000/250; granted modification of that CP to U2 990/350 from a different site (39-53-31/105-14-20).

OFF THE AIR

- 1150 KDEF NM Albuquerque – FCC announced that this station did not file a license renewal application by 6/1/2013 deadline; license therefore expired 10/1; calls deleted.
 1430 KCRX NM Roswell – FCC announced that this station did not file a license renewal application by 6/1/2013 deadline; license therefore expired 10/1; calls deleted.

CHANGES TO EXISTING STATIONS

Construction permits on the air:

- 1230 WAYX GA Waycross – CP for new site (31-11-37/82-19-23) is on, remains U1 1000/1000.
 1490 KBLF CA Red Bluff – CP to correct coords to 40-11-37/122-12-56 is on; no actual change.

Applications for construction permits:

- 690 WQNO LA New Orleans – Applies for CP for U1 9100/106 from a new site; replaces CP for the same parameters which expired in September.

SPECIAL TEMPORARY AUTHORITY

- 1370 KWRM CA Corona – Granted STA for U2 1250/2500, dealing with multiple tower problems since 2010 (prior STA extension request was denied).
 1380 WHEW TN Franklin – Operating with STA while challenging denial of license renewal, seeks 6-month extension of STA.

Applications to extend existing STAs were received from KEEL-710 Shreveport LA (back to normal power but pattern may not yet be within licensed parameters); KWAI-1080 Honolulu HI (reduced power, new transmitter being installed); and KBBO-1390 Yakima WA (reduced night power, problems with night pattern).

Previously reported applications to extend STAs were granted for WXQW-660 Fairhope AL; KCKN-1020 Roswell NM; WALO-1240 Humacao PR; WFNS-1350 Blackshear GA; and WKHZ-1460 Easton MD.



SILENT STATIONS

Formerly silent stations informing the FCC that they are on the air:

- 1260 KIMB NE Kimball – Silent since 10/4/2012, back on the air 10/3.
 1280 WFAU ME Gardiner – Silent since 7/1, back on the air 10/16 1708 with D1 5000 only.
 1370 KRAC CA Quincy – Silent since 8/13, back on the air 9/30 using PTA for CP to U4 4000/200 in Red Bluff CA.

Stations informing the FCC that they are temporarily silent:

- 980 KICA NM Clovis – Silent 10/4 1652 local time, transmitter failure.
 1050 WYBG NY Massena – Silent 10/6, transmitter “was destroyed and is not operational.” (One would think the “not operational” would follow automatically from being “destroyed,” but good to cover all the bases, I guess. No explanation of the cause of the destruction.)
 1280 KMFR TX Pearsall – Silent 9/30 for financial reasons.
 1360 WHNR FL Cypress Gardens – Silent 9/17, had contract with “La Ley 1360” to broadcast programming for \$7,000/month, but



station claims La Ley didn't pay and so they had to take the station off the air.

1540 WYCL OH Niles – Silent 10/7, technical problems with the directional pattern.

THE NEWS FROM CANADA

570 CBNK NL Cartwright – LPRT granted CP to move to 93.9 MHz FM.

690 CBDO NT Fort Simpson – LPRT granted CP to move to 107.5 MHz FM.
(CRTC via Shawn Axelrod).

And Wayne Heinen has these changes to the 34th Edition of the NRC *AM Radio Log*:

- 690 KBLI ID Blackfoot – Format to NWS/TLK/SPT (ex-NWS/TLK).
730 KSVN UT Ogden – Slogan to “Ke Padre Radio.”
990 WEEB NC Southern Pines- Slogan to “Talk Radio,” “The Voice.”
1070 KWEL TX Midland – Format to TLK/SPT (ex-TLK); add network FSR.
1090 KNWS IA Waterloo – Format to REL (ex-REL/REL:AC); network to MBN; delete // KNWS-FM-101.9.
1140 KPWB MO Piedmont – Format to OLD; delete slogan; add // KYLS-1450.
1210 WPHT PA Philadelphia – Networks to C/Ru/P/B (i.e., adds Hannity and Limbaugh).
1230 WTKG MI Grand Rapids – Networks, replace ABC News with Fox.
WJOY VT Burlington – Networks to Ap. (BC)
1260 KBLV ID Idaho Falls – Format to NWS/TLK/SPT (ex-NWS/TLK).
1290 KIVY TX Crockett – Networks, replace ABC News with Fox.
1330 KKPZ OR Portland – Slogan to “The Truth.”
1340 KSEK KS Pittsburg – Format to SPT (ex-TLK); slogan to “Fox Sports Radio,” network to FSR.
WMDR ME Augusta – Network to SRN.
1360 WMNY PA McKeesport – Silent (not – yet – in FCC notices).
1400 WWNZ ME Veazie – Network to IRN/DR.
WLYY TN Copperhill – Format to GOS (ex-REL:AC), slogan to “Joy Christian Radio.”
1450 KYLS MO Fredericktown – Adds // KPWB-1140.
KHIT NV Reno – Slogan to SS:SPT (ex-SPT), network to ESPD, delete // KUUB-94.5.
1520 WVOZ PR San Juan – Delete group // La Gigante.
1540 WIBS PR Guayama – Slogan to “Radio Caribe”; delete group // La Gigante.
1560 WRSJ PR Bayamón – Format to SS:REL (ex-SS:Tropical); slogan to “Pura Palabra 1560”; delete group // La Gigante.
1580 WEKO PR Morovis – Slogan to “Radio Voz”; delete group // La Gigante.
1590 WXRf PR Guayama – Slogan to “La Voz Boricua.”
1660 WGIT PR Canovanas – Format to SS:NWS/TLK (ex-SS:Tropical); slogan to “Noticias 1660”; delete group // La Gigante.

Groups

// La Gigante – Delete; no longer exists.

// WRWD-FM – Adds W295BN-106.9. (BC) (BW)

Wayne's thanks to Shawn Axelrod, Bill Hale, Dave Braun, Bruce Conti (BC), Bill Williams, PD (BW).

Some baseball news from around the Web:

The New York Yankees will be moving next year from WCBS-880 to WFAN-660; now the web site RisingApple.com reports on October 17 that the Mets are now close to finalizing WOR-710 as their new flagship. The Mets were there “at the beginning” of WFAN as they were on WHN-1050 when that station changed calls to WFAN and developed one of the first all-sports formats in 1987.

Meanwhile, WGN is planning to renegotiate its contract with the Chicago Cubs, according to the *Chicago Tribune* on October 16. There are no real other options for the Cubs, according to the Tribune – WSCR-670 has the White Sox, WMVP-1000 would have too many conflicts with Bulls basketball in the spring, and WBBM-780 and WLS-890 probably wouldn't want to pay for that many games given their other programming.



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

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

Reporters

- GH-OK** Glenn Hauser, Enid, OK. Mostly DX-398 with internal antenna only; or Sony SRF-59 as specified; Nissan stock car radio as specified; FRG-7 as specified. (Glenn's reports, with extensive commentary, are originally published in *DX Listening Digest*).
- JE-MO** J.E. Lewis, Kansas City MO. Honda Odyssey car radio.
- JR-OK** John Reed, Shawnee, OK. Racal RA6772E, RA6793A, JRC NRD-545 with Pühler roofing filter; homebrew ferrite tuned loop, Clifton Labs active whip.
- JJR-WI** John J. Rieger, South Milwaukee WI. Icom IC-R75, Crane CC Radio, Kiwa loop, MFJ-959B tuner, preamp.
- NK-IL** Neil Kazaross, Barrington IL. Perseus and Broadside Double KAZ array aimed west.

DX Logs

- 690 WQNO LA New Orleans – 10/17 2158 – Poor but in the clear with REL, mention of Catholic Community Radio, CL. Also heard an hour earlier over/under KGGF but not able to ID it then. We are in a severe null of their night pattern. Used to come in better, so now pretty rare. (JE-MO)
- 740 WVLN IL Olney – 10/12 2125 – Very poor in tight CHWO null. "107.1 the Fan" CBS Sports Radio after Geico ad. (JJR-WI)
- 800 WSVS VA Crewe – 10/12 0703 – Poor but over anything. LID, AP news. Morning show promo, including calls as "WSVS 800 AM." Usually here for old C&W, it would be WDUX or WVAL. Not common. (JJR-WI)
- 820 WWBA FL Largo – 10/7 0207 – Redeye Radio from WBAP has a slight reverb echo on it, especially when nulled, no doubt from other 820 affiliate, WWBA in Largo FL, 50/1 kW. I wonder if they make an effort to synchronize, compensating for a satellite delay to FL from originating TX, minimizing echo which could be a lot worse between them than here. (GH-OK)
- 930 WRVC WV Huntington – 10/11 1944 – Poor; sat through 4 minutes of ads, "Huntington" in ad, "J.D. Armory" and then "Super Talk 94.1 & 930 WRVC" into ESPN. Usually WAUR, WBCK here. (JJR-WI)
- 940 KVSH NE Valentine – 10/13 0746 – Poor but over anything with long forecast by woman, 2 songs, no calls and finally "here in Nebraska" though no calls heard. (JJR-WI)
- 980 KQUE TX Rosenberg-Richmond – 10/10 0810 – Spanish preacher referencing several 832-area code phone numbers, and looping SSE/NNW so that means Houston, i.e. KQUE, Rosenberg-Richmond, with address in Pasadena, R. Aleluya. (GH-OK)
- 990 KRSL KS Russell – 10/14 2140-2200 – Fair-good peaks over/under CBW which was knocked way down by semi-AU conditions. Russell Radio slogan, C&W music, and a call ID. (NK-IL)
- 1000 KKIM NM Albuquerque – 10/15 0827 – Good and in the clear with traffic report, mention of I-25, "New Mexico's Christian radio, KKIM." They are supposed to be 38 watts night, but were they on non-directional day power of 10 kW? Usually, Chicago and Oklahoma City dominate channel. First time! (JE-MO)
- 1030 KTWO WY Casper – 10/6 0809 – Cowboy Corner show loops NW/SE, soon losing to biz radio station. So is it KTWO or KBUF? Show's online list has it on both! But KBUF Garden City KS at 5 am Sunday (CDT), KTWO Casper WY at 6 am Sunday (MDT), so it's KTWO. (GH-OK)
- 1050 KSIS MO Sedalia – 10/10 2210 – Baseball game with Sedalia ads in null of strong SS signal. (JR-OK)
- 1060 KBFL MO Springfield – 10/12 2200 – Weak and fading with NOS music, ABC news, and call ID. (JR-OK)
- 1070 KNX CA Los Angeles – 10/12 2207 – Traffic reports, California weather, and news. Good signal. (JR-OK)

- 1080 KYMN MN **Northfield** – 10/11 2002 – Fair; Northfield Raiders vs. Red Wing HSFB. No calls heard, but unusual; in fact WNWI not in this evening. **(JJR-WI)** 10/14 2200 – Jazz and UC music with call ID. Weak in null of KRLD, Dallas. **(JR-OK)**
- 1110 KBND OR **Bend** – 10/11 2400 – Fair-good, peaking over/under KFAB with ID and back into HSFB, once again running day rig for HSFB. **(NK-IL)**
- 1110 KVTX TX **Mineral Wells** – 10/7 0812 – Talk in South Asian language mentions English terms “Islamic Association of Carrollton” and “Islamic Association of North Texas”; 1214 brief Qur’an bits mixed with South Asian talk. NRC *AM Log* 2013 shows KVIL, Mineral Wells TX as ethnic “Radio Dhanak,” 50 kW daytime, 38 kW critical hours. A.k.a. Pakistani American Radio per web site, so I wonder if it’s all in Urdu or not. Makes slow SAH with KFAB; by half an hour later I’m only hearing KFAB. **(GH-OK)**
- 1150 WLOC KY **Munfordville** – 10/10 2001 – Poor; clear “WLOC” noted twice before loss to others. CKOC or WHBY usually here. **(JJR-WI)**
- 1210 KOKK SD **Huron** – 10/6 0819 – Ad for non-local seed company; 0820 National Guard PSA, fortunately with a South Dakota tag, so KOKK Huron is in again, yet another station facilitated by silent KGYN OK. **(GH-OK)**
- 1210 KUBR TX **San Juan** – 10/4 0134 – In the absence of KGYN, some Spanish religion is looping N/S, presumably the HCJB-related outlet KUBR 10/5 kW U4, which is // 890, not attempted to match them now. NRC *Pattern Book* 2013 shows KUBR is supposed to shoot most signal west, not north, but both are suspected of ignoring night directional requirements. **(GH-OK)**
- 1210 KHAT WY **Laramie** – 10/6 0814 – Country music, slogan sounds like “Truckin’ 92” or somethin’ rhymin’; hmm, could that be KGYN’s FM side KKBS 92.7 simulcasting? No, NRC *AM Log* leads to KHAT, 10/1 kW U2, “Buckin’ Country 92” (simulcasting its FM, KDAQ 92.5; that slogan must allude to the WY license plate design, still?). KHAT is ND day, but it’s still officially night when pattern should head westward. **(GH-OK)**
- 1240 KCCR SD **Pierre** – 10/10 2200 – Good; far atop and loud with ID and central SD announcement. Quite common. **(NK-IL)**
- 1280 KBNO CO **Denver** – 10/13 2400 – Very good, mauling WWTC with an SS accented guy giving a tri-station ID just prior to ToH after Mexican music ended. Best I ever heard this one. **(NK-IL)**
- 1300 WLXG KY **Lexington** – 10/14 0727 – Poor; *Mike & Mike*, Nissan & Subway ads, ESPN promo, Computer Solutions (859-421-xxxx) and “ESPN Sports Radio 1300” and then “ABC 36” No WOOD. Only thing on frequency. **(JJR-WI)**
- 1340 KTOQ SD **Rapid City** – 10/11 2400 – Very poor, but audible thru mess with Western SD announcement and ID. **(NK-IL)**
- 1360 WIXI AL **Jasper** – 10/11 2101 – Poor, though strong at times. LID as “WJLD Fairfield-Birmingham, WIXI Jasper. A service of Richardson Broadcasting Corporation” and signal dropped a bit, but in later on recheck. **(JJR-WI)**
- 1400 KLIN NE **Lincoln** – 9/29 2226 – Poor-fair over others with “KLIN.com.” **(NK-IL)**
- 1410 KDKT ND **Beulah** – 9/29 2117-2118 – Poor-fair atop others during a break in sports talk with a local ad for an apartment. complex. Local WRMN phased to death. **(NK-IL)**
- 1420 KULY KS **Ulysses** – 10/12 2400 – Poor with call ID. New thanks to WOC/KTOE being in fade downs. Bits of C&W mx noted earlier. An hour later WOC was tremendous on that recording. **(NK-IL)**
- 1440 WKPR MI **Kalamazoo** – 10/13 0759 – Poor though alone with LID including translator info. Not common here. Usually WNFL, WROK or WJL, hi. **(JJR-WI)**
- 1440 WZYX TN **Cowan** – 10/11 2108 – Poor-fair at times. Fades in with another HSFB station. Heard words “Missouri, Georgia, Columbia, Hillsboro, Pittsfield, Franklin County, Crawford County,” Ad for ??? church “in ??? county” and finally calls “on WZYX” noted 70 minutes later. **(JJR-WI)**
- 1450 KBMW MN **Breckenridge** – 10/10 2100 – Fair, mixed with KMRY with “The Voice of the Valley” slogan and ID after C&W. **(NK-IL)**
- 1450 KWBE NE **Beatrice** – 9/29 2217 – Poor-fair atop with ad for Beatrice Ford. **(NK-IL)**
- 1450 KYNT SD **Yankton** – 9/29 2209 – Fair with weather and ID into AC mx. **(NK-IL)**
- 1490 KLGR MN **Redwood Falls** – 9/29 2201:30 – Poor-fair with “Radio you can depend on, KLGR Redwood Falls.” **(NK-IL)**
- 1530 KQNK KS **Norton** – 10/14 2040 – Fair-good over WCKY with KQSP knocked down by semi-AU conditions. Oldies and ID. **(NK-IL)**

- 1550 KAPE MO Cape Girardeau – 10/6 0706 – Reference to Cape Girardeau, presumed KAPE which is 5000/48 watts, and leaping over KLFJ “Branson” which often dominates. Maybe KAPE has a higher PSRA which I can’t look up with FCC shutdown. (GH-OK)
- 1550 KRPI WA Ferndale – 9/29 2208 – Very good peaks far atop with ads in Indian language with Vancouver area phone numbers and back into Indian music, often very strong. (NK-IL)
- 1570 KNDY KS Marysville – 10/12 2400 – Poor, atop with local announcements and calls. Quite rare, but 1570 has improved here towards the west now that CKMW is gone and KVTK seems to be running proper night power. (NK-IL)
- 1580 WHLY IN South Bend – 10/11 1955 – Fair-loud! “en Mishawaka” and “La Raza” noted. No calls heard and no usual CKDO. In loud most of night. (JJR-WI)
- 1580 KXZZ LA Lake Charles – 10/17 2205 – Sports talk with ID “Sports talk for southwestern Louisiana.” New here. (JR-OK)

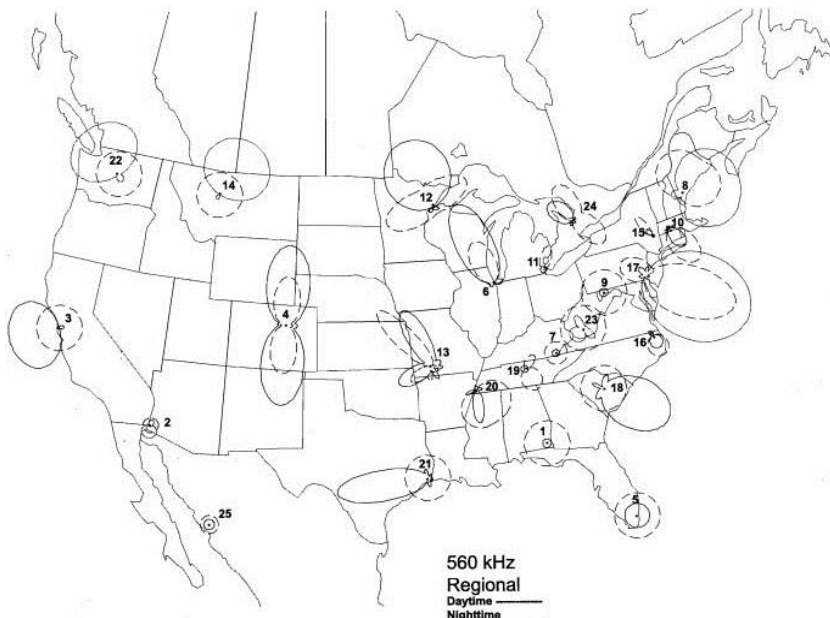
UnID

- 580 UNID -- 10/4 0112 – With WIBW nulled, fast rippling SAH and weak station playing soul/gospel music. NRC *AM Log* 2013 shows a few music-format stations on 580, the most likely ones by format, direction and proximity, if not nominal night powers are: WACQ Tuskegee AL, U1 500/139, Rock/Old -CM “Classic Hits 850” [sic] and WELO Tupelo MS, U1 770/95, UC:AC, “Tupelo’s Heart & Soul.” (GH-OK) *WELO gets out pretty well – DY.*
- 900 UNID -- 10/14 0701 – Poor; Fox Sports, just missing a LID here and minutes later this was wiped out by XEW! Possible Savannah or new affiliate? (JJR-WI)
- 1140 UNID -- 10/4 0130 – Spanish music making fast SAH with XEMR nulled as much as possible. Suspect it’s KLTK in Centerton (Rogers) AR, which has fooled us before pretending to be “La más Mexicana”; trouble is, it’s supposed to be 5 kW daytime only, non-directional, all per NRC *AM Log* 2013. The other 5 Mexicans on 1140 are all beyond Monterrey, not in the north or west. (GH-OK)
- 1521/1539 UNID 10/6 0649 – Weak hets against 1520 and 1540 stations, audible on FRG-7 only with E-W longwire, so can’t DF them, but unlikely trans-Pacific as there is nothing listed over 10 kW anywhere in the Pacific or East Asia. I vaguely recall that this also happened a few years ago, and assumed to be matching spurs from some domestic 1530 station; was it ever IDed? (GH-OK)

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

NRC Antenna Pattern Book, 7th Edition

The 7th Edition of the *NRC Antenna Pattern Book* is now available. This all new edition prepared by NRC’er Paul Swearingen is an all-inclusive book of patterns for both Day and Night operation of stations in the USA, Canada and selected foreign stations. The data for the book comes from the 34th Edition of the *AM Radio Log* and NRC’er John Callerman’s comprehensive Mexican station listing.



The book comes shrink wrapped in 8½ by 11 three hole punch format for placement in your own three ring binder. There are 240 pages and the book has maps covering 530 through 1700 kHz depicting the lower USA, Canada and Mexico. Hawaii and Alaska are shown on separate maps at the of the book.

Price/ordering info: Same as for *AM Radio Log*, see page 1 for details.

TWO URLs TO BOOKMARK

www.nrcdxas.org
www.e-dxn.com

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

- GMC-NC **Gerry Conkling, Angier** – Sangean 909X
 BC-NH **Bruce Conti, Nashua** – Excalibur SDR, MWDX-5, variable termination SuperLoop antennas northeast and south.
 HF-MI **Harold Frodge, Midland** – Drake R8B + 125 ft. bow-tie; 85 ft. RW & 180 ft. center-fed RW
 KK-VA **Kraig Krist, Manassas** – Winradio G33DDC SDR, Kiwa loop.
 TLK-FL **Terry Krueger, Clearwater** – JRC NRD-535; JRC NRD-515; 1 X roof dipole
 BT-PEI **Brent Taylor, Stratford** – SDR-IQ, corner-fed 16x60' loop.
 NjW-ON **Niel Wolfish, Toronto** – Excalibur G31DDC, Wellbrook 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

UNID

- 1090 unID -- 10/15 *0600 – Under WBAL; apparent sign-on with male a cappella Star Spangled Banner, then heard mention of North Carolina. Inquired via email to suspected WKTE. (BC-NH)

LOGGINGS

- 540 WLIE NY **Islip** – 10/16 1743 – Man in SS sounding not very religious despite listed format, but with gospel music. Mentioned Nueva York and tentative “WLIE AM” ID. Buried but copyable on top. (HF-MI)
 WKFN TN **Clarksville** – 10/13 0625 – Mostly dominating over WFLF, Winter Haven, FL (news/talk) and presumably XEWA. Also from 0656, Nicaragua off-channel low side. ESPN Radio feed, ad for some local “... Gas Association” company supporting dialing 811 for power line dig clearance and ID at 0659. (TLK-FL)
 600 WICC CT **Bridgeport** – 10/15 0200 – Fair, under dominant CBNA, with “Connecticut's news and information leader, WICC 600” and then into ABC network news. (BT-PEI)
 610 WGIR NH **Manchester** – 10/13 0359 – Fair/poor, in the jumble, but clear ID “...studios, WGIR AM Manchester,” leading to the top of the hour. New. (BT-PEI)
 720 WGCR NC **Pisgah Forest** – 10/14 1857* – In WHYF/WGN mix with sign-off: “WGCR in Pisgah Forest North Carolina now concludes out broadcast day. WGCR is owned and operated by Anchor Baptist Broadcasting Association a ministry and... of Anchor Baptist Church and Ministries Incorporated. And operates on assigned frequency of 7 hundred and 20 kiloHertz at a daytime non-directional power of 50,000 watts. Our studios are located at 3232 Hendersonville Highway in Pisgah Forest. Join us for music overnight over the world wide web at WGCR.net or tomorrow morning at sun up for another broadcast day. And until then, may God bless each one. And now our National Anthem.” (KK-VA)



- WHYF PA **Shiremanstown** – 10/14 1829* – In WGCR/WGN mix with sign-off following “Catholic Answers Live” program: “Holy Family Radio now invites you to tune in to audio streaming by visiting our website 720WHYF.com as we now end our over the air broadcast day. WHYF is owned and operated by Holy Family Radio Incorporated a non profit 501 c3 organization. Studios are at 8 West Main Street, Shiremanstown, Pennsylvania. Our corporate mailing address is PO Box 6028 Lancaster 17607. Listen to audio streaming at our website 720WHYF.com 24 hours a day. We'll return to air at sunrise tomorrow. This is WHYF Shiremanstown.” (KK-VA)

- 730 WPIT PA **Pittsburgh** – 10/15 1830 – In multi-station mix (WTNT, WMNA, CKAC, UNID gospel and oldies stations) with male during a brief break in WTNT audio, “... tomorrow at 11:30 on Pittsburgh's 73 WPIT.” (KK-VA)

- WTNT VA **Alexandria** – 10/10 1858 – End of Ray Lucia Show, ToH ID that mentions FM 102.9 and IRN-USA Radio News. **(NjW-ON)**
- WMNA VA **Gretna** – 10/15 1959 – In multi-station mix with dual ToH ID by female: "You're listening to NBC Sports Radio on WBLT 13-50 AM Bedford and WMNA 7-30 AM Gretna." **(KK-VA)**
- 740 KRMG OK **Tulsa** – 10/13 0648 – Quicken, HARP etc. finance network spots, back to finance show "... on KRMG." WYMG, Orlando and something else domestic partly nulled. **(TLK-FL)**
- 760 WCPS NC **Tarboro** – 10/10 *0700 – Sign-on announcement heard under WJR. Mentions station's address. **(NjW-ON)**
- 790 WKRD KY **Louisville** -10/11 2158 – High school football: St. Xavier Tigers vs Louisville Male High School Bulldogs featuring wide receiver Will Rushkowski and running back Austin Davis. Radio Reloj audible in the background. **(NjW-ON)**
- 800 WSVS VA **Crewe** – 10/11 1900 – Under WNNW; local ad for business in Farmville, "AM 800 WSVS," then lost to CKLW coverage of Windsor Spitfire hockey. New log. **(BC-NH)**
- 810 WQIZ SC **St. George** – 10/11 2128 – Under WGY with EWTN programming and promos. No local ID heard, but only EWTN station listened. Supposedly a daytimer too. **(NjW-ON)**
 +++ - 10/11 2259 – Over/under WGY; "Answering the Holy Father's call to evangelize, you're listening to WQIZ 810 in Charleston," and EWTN promos. **(BC-NH)**
- 820 CHAM ON **Hamilton** – 10/13 0600 – Good; "Funny 820 is CHAM Hamilton, a division of Bell Media," disclaimer, and infomercial. **(BC-NH)**
- 880 WRFD OH **Columbus-Worthington** – 10/16 1750 – "This is Life-Changing Radio, AM 8-80 Columbus-Worthington" slogan, trading places on top with WCBS. No sign of KRVN or WMEQ. **(HF-MI)**
- 900 WGHM NH **Nashua** – 10/13 0159 – Fair/poor, under dominant CHML, with slogan "ESPN New Hampshire, 1250 WGAM Manchester, 900 WGHM, Nashua." Then ESPN Radio Sportscenter at ToH. New. **(BT-PEI)**
- 910 WJCW TN **Johnson City** – 10/11 1933 – Science Hill Hilltoppers vs. Sullivan Central Cougars high school football. Spot for insurance broker. **(NjW-ON)**
- 950 WIBX NY **Utica** – 10/14 1858 – Over usual WWJ with local weather, "WIBX 950, your news, talk and sports leader" slogan. **(MKB-ON)**
- 960 WEAV NY **Plattsburgh** – 10/13 0159 – Good, over Reloj time clicks, out of CBS Sports Radio talk show, with slogan "Sports and sports talk for the Champlain Valley, WEAV Plattsburgh-Burlington, all sports, all...9-60 The Zone, online 24-7 at 960theZone.com." Then back to CBS Sports at the ToH. **(BT-PEI)**
- WRNS NC **Kinston** – 10/14 2100 – Under WELI, over/under WHYL; Panther Talk on the Carolina Panthers network, then C&W music. New log. **(BC-NH)**
- 980 WCAP MA **Lowell** – 10/13 0159 – Fair, with slogan "The music you know and love, with the Beatles and before, on 9-80 WCAP...," then into the Lion Sleeps Tonight. **(BT-PEI)**
- 1070 WFLI TN **Lookout Mountain** – 10/10 0700 – Very somber downbeat gospel music, "Thank you for listening to WFLI 10-70 Lookout Mountain Chattanooga Tennessee" ToH ID into IRN-USA Radio News. **(NjW-ON)**
- WINA VA **Charlottesville** – 10/12 0639 – Weak but clear, with "News radio 1070 WINA" ID and ad for a business in the 434 area code. **(BT-PEI)**
- 1090 WBAL MD **Baltimore** – 10/13 1740 – Buried in the muddle until about 1745 when suddenly on top, but fair at best. Local sports show with Raven recap, ad for a private investigation service (don't recall hearing one of those before). Assume that 1745 was a pattern change. **(HF-MI)**
- 1120 WBNW MA **Concord** – 10/15 2030 – Creaming Cardinals-Dodgers NLCS game on KMOX with ad for Mohegan Sun Casino, "New England Talk Network" slogan into local talk show mentioning 617-981-TALK phone number. **(MKB-ON)**
- 1160 KVCE TX **Highland Park** – 10/14 1940 – Scott Luther Gold & Silver Show, male canned "1160 AM, KVCE" ID at 1947. **(TLK-FL)**
- 1180 WVLZ TN **Knoxville** – 10/10 0700 – Under WHAM with "WVLZ Tennessee Sports Radio" ID. **(NjW-ON)**
- 1210 WPHT PA **Philadelphia** – 10/14 1901 – Poking through WNMA, Miami Springs (Spanish sports) with CBS Radio News, "Talk Radio AM 1210, WPHT" at 1905. **(TLK-FL)**

- 1230 **WBZT** FL **West Palm Beach** – 10/15 0634 – Male canned “News, weather, talk on the :30's on 1230 WBZT” between all-Florida news items read by solo but quiet pro man. 1000/1000 watts. **(TLK-FL)**
- WMML** NY **Glens Falls** – 10/13 0600 – Fair, over WHUC; "This is 1230 Fox Sports Radio, WMML Glens Falls." **(BC-NH)**
- 1240 **WPAX** GA **Thomasville** – 10/15 0642 – Presumed with mention of “... on US-19... South Georgia...” US-19 runs through downtown. 1000/1000 watts. Mostly covered by WFWN, Ft. Myers, FL sports talk. **(TLK-FL)**
- WBBW** OH **Youngstown** – 10/11 0700 – “Sports radio 1240 WBBW Youngstown” ID heard at ToH over the graveyard jumble. **(NjW-ON)**
- 1250 **WGL** IN **Fort Wayne** – 10/15 2254 – In mix with Disney and sports stations, "We play the music you just won't hear on other radio stations...good times & great oldies, 102.9 FM WGL" station promo, post-doo-wop oldies, CBS News at 2300. **(HF-MI)**
- WSSP** WI **Milwaukee** – 10/16 1150 – Well on top with “Sports Radio 12-60 WSSP” ID and local sports talk show. WHHQ Bridgeport, MI is still a no-show. **(HF-MI)**
- 1260 **WSUA** FL **Miami** – 10/11 2000 – Fair; "WSUA 1260 AM Miami, WSUA HD..." and Spanish. **(BC-NH)**
- 1290 **WTKS** GA **Savannah** – 10/12 0645 – "News-Radio 1290 and 97.7 FM, This is WTKS-Savannah." Fair, but steady signal. Heard a local ad for a Toyota dealership and Super Beta Prostate ads. **(GMC-NC)**
- 1300 **WFFG** FL **Marathon** – 10/15 2032 – Mixing with all the others post-sunset, promo mentioning “...mornings on the Florida Keys and beyond, WFFG...” into local insurance agency spot, then sat-fed Obamacare opponent talk. Also noted 10/16 from 0656 with live read Buffalo Wild Wings ad, Rob's Car Wash spot, ID, into FOX Radio News. Local nursery plants spot. **(TLK-FL)**
- WIMO** GA **Winder** – 10/15 2005 – Tune-in just out of net news with local weather by telco audio female, “AM 1300, WIMO” canned ID, into sat-fed Affordable Health Care opponent talker. Amazing signal for 650 watts day power (50 watts if they really flipped down when they should have before my tune-in, which seems highly improbable). Located a bit east of metro Atlanta. Looks like a very community-based station, per their little web page. May actually warrant a reception report. **(TLK-FL)**
- WNQM** TN **Nashville** – 10/16 1859 – Just as WQBN, Temple Terrace FL gave a female canned legal though Spanish-only ID and their day power/pattern dropped, this one present with male canned, “You're listening to WNQM... 1300 AM... 50,000 watts... a Christian... Ministries Station... Memphis, Tennessee...” into male Christian inspirational talk. Lots of co-channel rumbling. 50000/5000, listed as Spanish REL “La Vida” in the 2013 NRC AM Log (maybe updated since in DX News editions I am not looking at). Parallel web stream. SS vocals weak under, not WQBN when pointing the same direction as WNQM. Same owner as WWCR shortwave, as it would happen, as WNQM's shoddy website lists the same mailing address of 1300 WWCR Avenue, Nashville, TN 37218 and F W Robert Broadcasting Co. Inc. **(TLK-FL)**
- 1340 **WMDR** ME **Augusta** – 10/15 1900 – Fair; "Encouraging talk radio, The Word, AM 1340 WMDR Augusta-Waterville and... FM W233... and online at worshipradionetwork.org." WMDR has a network of FM translators across the state including W233BH Portland, W246BP Sanford, W252BT Freeport, W264BQ Bangor, W272CQ Biddeford, W300BN Falmouth, and 88.9 WMDR-FM Oakland. **(BC-NH)**
- WENT** NY **Gloversville** – 10/18 0600 – Fair; "Serving Montgomery County for nearly 70 years, FM 105.1 and AM 1340 WENT Gloversville-Johnstown." **(BC-NH)**
- WNCO** OH **Ashland** – 10/11 0659 – PSA with area code 419 phone numberm ToH ID and Fox Sports news. **(NjW-ON)**
- 1350 **WIOU** IN **Kokomo** – 10/18 1920 – Creaming WOYK and all comers with Kokomo Wildcats v. Anderson High School football, “you're listening to Kokomo High School football on 1350 AM WIOU” ID and local ads during break in action. **(MKB-ON)**
- 1360 **WWOW** OH **Conneaut** – 10/14 0600 – Fair, under dominant WDRC, with “Dandy” by Herman's Hermits. Then a clear ID at 0602: “...WWOW, Conneaut.” The city of license sounded like “Connie-Ott.” New. **(BT-PEI)**
- 1380 **WMJR** KY **Nicholasville** – 10/11 2158 – Relevant Radio station promos. Heard earlier in evening with high school football. Probably still on day power of 5,000 watts. **(NjW-ON)**

- 1420 WAOC FL **St. Augustine** – 10/17 0708 – ESPN Sports feed, break at 0729 with Bozard Ford Lincoln local dealership, canned “1420 ESPN Radio” and phone number. (TLK-FL)
- 1450 WTHU MD **Thurmont** – 10/12 2300 – Over/under WCTC and others; "...45 years, broadcasting live from... WTHU AM... wthu.org." New log. (BC-NH)
- WMOH OH **Hamilton** – 10/11 2101 – High school football (Northside vs. Southside). Local spot for Allwealth Federal Credit Union. (NjW-ON)
- 1470 WLMC SC **Georgetown** – 10/14 2100 – Poor; "Time for an all new power jam... we are the soul of Georgetown, AM 1470 WLMC Georgetown." (BC-NH)
- 1510 WUFC MA **Boston** – 10/14 2200 – Excellent; a local with a creative ID, "Pumping out 50,000 watts of power from our four 350-foot towers, 1510 NBC Sports Radio WUFC Boston" with humming power transformer sound effects. (BC-NH)
- 1530 WJDM NJ **Elizabeth** – 10/14 2200 – Over/under WDJZ and WCKY; Radio Cantico Nuevo parallel 740 WNYH, then ID, "You're listening to AM 1530 WJDM Elizabeth, New Jersey." (BC-NH)
- 1540 WDCD NY **Albany** – 10/12 2300 – Excellent; "1540 AM WDCD Albany, and in high def at 1540 AM HD1," promos, then repeating test tone and "This is Westwood One radio networks AMC8 transponder 23. To authorize your receiver, contact Westwood One Denver operations at area code 720 873-5177 from 8 a.m. to 10 p.m. Eastern time" ran all night. Not the first time this has happened either. (BC-NH)
- 1590 WPSL FL **Port St. Lucie** – 10/14 1911 – ESPN Radio feed pre-game Dodgers vs. Cardinals playoff, break with local ads, ID. My local WXRБ, St. Pete Beach has been off for a few days now with their primary and backup transmitters having blown up and awaiting parts. (TLK-FL)
- 1610 CHHA ON **Toronto** – 10/16 2057 – Techno-ish Spanish vocals, 2059 female with clear mention of “Voces Latinas” and back to eclectic vocal, SS chatter between male and female after. (TLK-FL)

Notice -- Receiver for Auction

Perseus software-defined radio

Donated by John Callarman, National Radio Club member



The Perseus is a direct-sampling software-defined radio (SDR) receiver offering continuous 10 kHz - 30 MHz coverage. Unit is in like-new condition, and comes complete with USB cord, AC adapter, 50239 to BNC RF adapter, software CD, and manual. More information on this receiver can be found on line at various sites, including microtelecom.it/perseus.

Item goes to the highest bidder. In the event of a tie, winner will be determined by drawing.. Shipping to be paid by winner. Pre-shipment weight is 1 lb 12 oz.

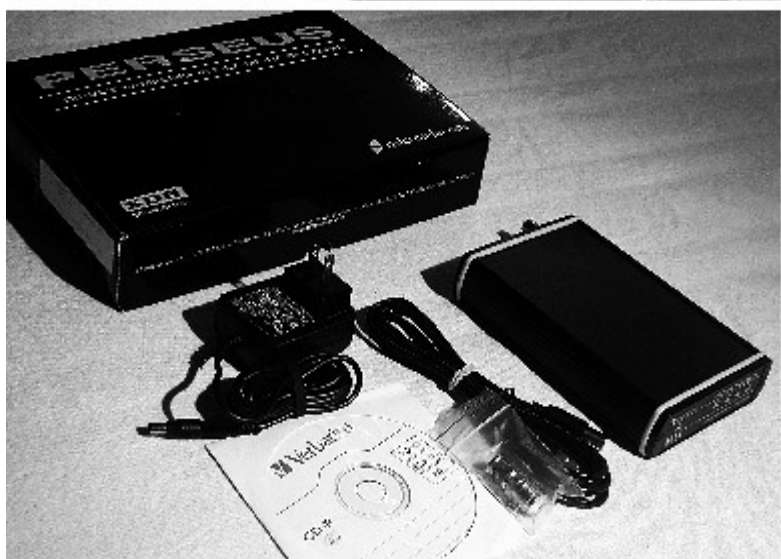
*** Starting bid is \$950.00 ***

Send your bid and contact information to:

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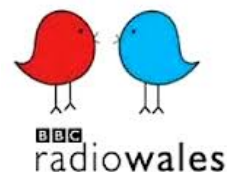
Shipping is restricted to U.S. only. Bids will be accepted only by USPS mail and must be received by November 1, 2013. All proceeds go to the National Radio Club, a non-profit organization for the medium wave DXer.

International DX Digest

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

Trans-Atlantic DX

- 531 **ALGERIA** *Jil FM*, F'kirina Wilaya d'Oum El Bouaghi OCT 13 2259 – Parallel 549 with dance music; fair. [Connelly-MA]
- 549 **ALGERIA** *Jil FM*, Les Trembles SEP 28 0200 – Parallel 531 with *Jil FM* ID, bit of talk, then Arabic female vocal; good. [Connelly-MA]
- 585 **SPAIN** *RNE1* Madrid OCT 13 0301 – Spanish news talk parallel 621; poor. [Connelly-MA]
- 594 **SAUDI ARABIA** *BSKSA* Duba OCT 13 0300 – 5+1 pips, man in Arabic, 5-note news-intro fanfare music; poor. [Connelly-MA]
- 603 **FRANCE** *France Info*, Tramoyes SEP 28 0200 – France Info music, woman in French; poor to fair. [Connelly-MA]
- 621 **CANARY ISLANDS//SPAIN** *RNE1* sychros OCT 13 0301 – News by man in Spanish parallel 639, 684; fair. [Connelly-MA]
- 639 **SPAIN** *RNE1* La Coruña et al. OCT 13 0301 – Spanish news parallel 621, 684; poor. [Connelly-MA]
- 684 **SPAIN** *RNE1* Sevilla SEP 28 0201 – News in Spanish by man and woman; through WRKO slop. [Connelly-MA]
- 693 **UNITED KINGDOM** *BBC Radio 5*, Droitwich et al. SEP 29 0000 – “BBC Radio 5 Live” ID; fair. [Connelly-MA] OCT 18 0200 – Fair; “First with breaking news and the best live sport, this is BBC Radio 5 Live,” into news with lead story about Somalia terrorists. [Conti-NH]
- 702 **IRAN** *VOIRI* Rasht OCT 18 0148 – Poor; Koran parallel Aztabriz stream of *VOIRI* at worldservice.irib.ir. EMWG lists *VOIRI* location as Rasht (37°16'N 49°34'E), but 2013 WRTH lists Kiashahr (37°25'N 49°57'E). Both locations are near the Caspian shore on opposite banks of the Safid River delta in Gilan Province. [Conti-NH]
- 711 **FRANCE** *France Info*, Rennes SEP 29 0000 – *France Info* theme, news by woman in French; fair with growl from 711.111 Western Sahara. [Connelly-MA]
- 747 **NETHERLANDS** *Radio 5 Nostalgia*, Zeewolde OCT 18 0128 – Fair; “Radio 5 Nostalgia” jingle and nostalgic oldies. [Conti-NH]
- 756 **GERMANY** *Deutschlandfunk*, Braunschweig & Ravensburg SEP 28 0030 – Man in German, male vocal with piano; fair. [Connelly-MA]
- 774 **SPAIN** *RNE1* sychros SEP 29 0001 – News by man in Spanish; to fair peak. [Connelly-MA]
- 783 **MAURITANIA** *R.Mauritanie*, Nouakchott SEP 27 2300 – Man with news in Arabic; huge. [Connelly-MA]
- 792 **FRANCE** *France Info*, Limoges SEP 29 0000 – *France Info* music; poor. [Connelly-MA]
- 837 **FRANCE** *France Info*, Nancy SEP 28 0200 – *France Info* music, woman in French; over COPE. [Connelly-MA]
- 855 **SPAIN** *RNE1* Murcia et al. SEP 28 0200 – *R.Nacional de España* ID, news by man and woman in Spanish; to good peak. [Connelly-MA]
- 864 **EGYPT** *Holy Koran Program*, Santah SEP 28 0200 – Koranic vocal; dominant. [Connelly-MA]
- 873 **SPAIN** *SER* sychros SEP 28 0158 – Coldplay “Speed of Sound” parallel 1116; poor. [Connelly-MA]
- 882 **UNITED KINGDOM** *BBC R.Wales*, Washford et al. SEP 28 0159 – Woman said, “From our international correspondents”; over two others. [Connelly-MA]
- 891 **ALGERIA** *Chaîne 1*, Algiers SEP 29 0001 – Woman in Arabic; light audio on good carrier. [Connelly-MA]
- 909 **UNITED KINGDOM** *BBC Radio 5* sychros SEP 28 0200 – Talk about President Obama, Iran’s nuclear program; good. OCT 13 2301 – News mentioning International Monetary Fund; to fair peak. [Connelly-MA]
- 936 **IRAN** *IRIB R.Iran*, Urumiyeh SEP 28 0030 – Parallel 1116 with man in Farsi, string and electronic keyboard music; fair. [Connelly-MA]
- 945 **FRANCE** *France Info*, Toulouse SEP 29 0000 – Soft instrumental music, France Info music, woman in French; good. [Connelly-MA] OCT 12 2135 – Fair; woman in French. Receiver sunset 2208 UTC. [Conti-NH]



- 954 **SPAIN** *Onda Cero*, Madrid SEP 28 0200 – Michael Jackson “Billie Jean,” 5+1 pips, man in Spanish with news mentioning Estados Unidos; fair. [Connelly-MA]
- 963 **TUNISIA** *R.Culturelle*, Tunis OCT 12 2250 – Fair; telephone interview between two women, then ethnic male vocal with flute and percussion for unequivocal parallel with *R.Culturelle* stream on Delicast. [Conti-NH]
- 999 **SPAIN** COPE Madrid SEP 28 0200 – Man in Spanish; poor in WINS IBOC. [Connelly-MA]
- 1053.1 **LIBYA** *R.Libya*, Tripoli OCT 12 2145 – Usual het against 1053 kHz. Measured 1053.102 kHz. [Conti-NH]
- 1089 **UNITED KINGDOM** *TalkSport* synchros SEP 27 2300 – Talk mentioning the first high-level communications between the U.S. and Iranian governments since 1979; good. SEP 29 2259 – Talk, “...from the biggest names in sports broadcasting every day. Colin Murray, weekday mornings on TalkSport”; to good peak. [Connelly-MA]
- 1098 **SPAIN** RNE5 synchros SEP 28 0200 – Parallel 1107 with country-style vocal, pips, *R.Nacional de España* ID; to fair peak. [Connelly-MA]
- 1107 **SPAIN** RNE5 synchros SEP 28 0200 – Parallel 1098 with country-style vocal, pips, *R.Nacional de España* ID; good. [Connelly-MA]
- 1116 **IRAN** IRIB *R.Iran*, Bandar Lengeh SEP 28 0030 – Parallel 936 with “spacey” instrumental music; to fair peak over presumed Spain. [Connelly-MA]
- 1116 **SPAIN** SER synchros SEP 28 0158 – Coldplay “Speed of Sound” parallel 873; fair. [Connelly-MA]
- 1206 **FRANCE** *France Info*, Bordeaux SEP 29 2300 – Parallel 1377 with French talk by woman; fair through slop. [Connelly-MA]
- 1215 **SPAIN** COPE synchros SEP 29 2300 – Man in Spanish; over others. [Connelly-MA]
- 1215 **UNITED KINGDOM** *Absolute Radio* synchros SEP 28 0201 – Oasis “Wonderwall”; mixed with Spain. [Connelly-MA]
- 1305 **SPAIN** RNE5 synchros SEP 28 0159 – Parallel 1107 with Spanish country style vocal; poor. [Connelly-MA]
- 1377 **FRANCE** *France Info*, Lille SEP 29 0000 – Parallel 945 with soft instrumental music; to good peak. [Connelly-MA]
- 1422 **GERMANY** *Deutschlandfunk*, Heusweiler OCT 13 0300 – Sounder, *Deutschlandfunk* ID, pips; to fair peak. [Connelly-MA]
- 1440 **SAUDI ARABIA** BSKSA Damman SEP 29 2300 – 5+1 pips parallel 1521; in jumble with WRED, others. [Connelly-MA]
- 1521 **SAUDI ARABIA** BSKSA Duba SEP 29 2300 – 5+1 pips, man in Arabic; fair. [Connelly-MA]
- 1557 **FRANCE** *France Info*, Le Col de La Madonne SEP 28 0200 – *France Info* theme music, woman in French; fair through slop. [Connelly-MA]
- 1575 **UNITED ARAB EMIRATES** *R.Farda*, Al Dhabiya SEP 29 2301 – Mideast dance-club music with strings, percussion, male vocal; fair. [Connelly-MA]
- Hauser TA carrier search*: OCT 13 0046-0051 JBA on 1521, 1215, 1152, 1044, 882, not necessarily in that order, and not 783. OCT 14 0052-0056 JBA on 882, 945, 1053, 1215. OCT 16 0056-0059 JBA detectable only on 774, 783 kHz.

Pan-American DX

- 540 **MEXICO** XEWA *W Radio*, Monterrey, NL OCT 16 1200 – Partial ID mentions 95.9 FM, Ciudad de México, and the four descending XEW chimes, then news headlines with liners as “info radio” (?), mentions Planeta; 1203 already into English music “When You’re Smiling” (Satchmo?), then DJ discussing it in Spanglish. From Cantú this appears to be the XEWA which is *W Radio* and presumably relaying from the DF, 900 XEW and 96.9 (not 95.9 as I thought I heard); rather than the other XEWA in SLP, despite the power disparity. Looped roughly south/southwest, both in about the same direction. By nulling this, I could also hear another Spanish further west, presumably usual XETX. [Hauser-OK]
- 539.86 **NICARAGUA** *R.Corporación*, Managua OCT 13 1056 – Carrier up abruptly, this on a Sunday. Pretty sure they are there well before most days so maybe an anomaly or Sunday-only opening time. [Krueger-FL] OCT 18 0500 – Loud het against WLIE *R.Adonai*. Off at 0501 UTC. Measured 539.864 kHz. [Conti-NH]
- 541.2 unID OCT 12 0051 – Carrier hetting 540 stations. I am still not quite certain whether this is a local device, or perhaps a real station, off-frequency. [Hauser-OK]
- 550 **MEXICO** XEPL Cuauhtémoc, Chih. OCT 15 1231 – Full ID for XEPL FM and AM, Cuauhtémoc, Chihuahua, “La Super Estación.” 5000/150 watts per IRCA. Our sunrise-skip window is latening, with bottom of the band still open, our Enid sunrise today 1239. In a couple sesquiweeks it will surpass 1300 UTC. [Hauser-OK]

- 550 **VENEZUELA** YVKE *Mundial*, Caracas OCT 18 0500 – Over unID Spanish; long promo with YVKE *Mundial* mention. Thanks to Mauricio Molano and Sylvain Naud at RealDX for help with ID. [Conti-NH]
- 580 **MEXICO** unID OCT 12 1044 – Presumed Mexican, pointing north/central Mexico, Mexi-tune with lots of accordions, female announcer 1059 and into program promos not copied well and talk, back to vocals from 1113 UTC. [Krueger-FL]
- 600 **NICARAGUA** *Radio Ya*, Managua OCT 14 1040 – Radio play with sound effects till 1045, “Ya, Ya, Ya, Ya” reverb, marimba and fiddle fills, back to animated talk, “Ya, Ya, Ya, Ya” again at 1053. Tight *R.Rebelde* nulled about 95%. [Krueger-FL]
- 610 **MEXICO** XEBX Sabinas, Coah. OCT 11 1203 – “Sabinas al Día” morning news, “aquí en la región carbonita” (coal-mining area), mixing more with KCSP Kansas City than with XEGS which usually dominates a bit later. Have not yet heard “La Primera” slogan as in Cantú, WRTH, IRCA. [Hauser-OK]
- 620 **MEXICO** XEBU *La Norteña*, Chihuahua, Chih. OCT 14 1201 – Segué from norteña music to national anthem – this is really a fine piece of music and I don’t tire of hearing it, especially this orchestral rendition, yet multi-verse so you never know when the final cadence will really end it, and so you don’t have to hear the bloodthirsty war-mongering lyrix, rendered instead by violins. 1205 segué to also fine Chihuahua state anthem, this with lyrics by baritone. 1206 full ID for *La Norteña*, XEBU 91.7 and 620 with 25 kW, “llegando a Ud. en alta definición” – really? Maybe IBOC on FM? Never hear the noise around it on AM, unlike from 620 KMIK The Metroplex, which this habitually dominates on sunrise skip (and much of the night as well). The 25 kW presumably applies to 91.7, as 620 power is listed as 5/1 kW in Cantú, WRTH, 10/1 kW in IRCA. Thanks to non-direxionality and southern-advantage, even if really running 1 kW at night, XEBU is the dominant 620 here, as we’re in a hole among U.S. stations, all of the nearest ones with nulls more or less toward Oklahoma. [Hauser-OK]
- 630 **MEXICO** XEFB Monterrey, NL OCT 13 0959 – Mexi-tune, 1000 “Desde Monterrey... XEFB... XEFB... la FB,” time check and back to Mexi-tunes. [Krueger-FL] OCT 13 1159 – “Somos Radio México, Monterrey,” i.e. XEFB, that being their group rather than specific slogan. Oops, I see XEFB is missing from the 2012 IRCA Mexican log; hope they got it in the 2013. [Hauser-OK]
- 640 **MEXICO** XENQ Tulancingo, Hgo. OCT 14 1059 – End of male talk, abbreviated anthem from 1100, call and slogan not copied and into ballad from 1102. At 1110, “NQ, NQ...” and at 1112, “NQ, 90 punto 1...” Another new XE for me. [Krueger-FL]
- 680 **MEXICO** XEORO *La Mera Jefa*, Guasave, Sin. OCT 12 1211 – Time check for 6:12, phone numbers; 1212 now it’s “6:14” so the studio clock must be a sesquiminute fast; then guy on the phone with detailed “estado del tiempo” weather forecast for the entire nation; must have mentioned every state, until 1220 finally gets to “nuestra región del Pacífico norte,” outro as named Rodríguez; 1221 “desde Guasave, Sinaloa, Noticias en Punto – Multimedios.” Then on to a report on “estado de fresas” – strawberries? They are measured in cubic meters, “almacenados” with impressive flow rates – oh, it’s about “presas” = dams and their storage and release capacity, etc. at 1223 UTC. [Hauser-OK]
- 690 **MEXICO** XEN *La 69*, México, DF OCT 16 1210 – Promo with 800-numbers, XEN with full ID, 100,000 watts, street address, Grupo Radio Centro, amid a show which runs from 6 a.m. to 1 p.m. (CT). KGGF nulled. [Hauser-OK]
- 700 **MEXICO** XEGD *La Poderosa*, Hidalgo del Parral, Chih. OCT 11 1224 – “La Poderosa” ID and romantic song; earlier there was some hum, but no big dead air pause today. OCT 12 1225 – Choral national anthem is playing at odd time; 1226 bit of a song about Chihuahua and Parral, then ID for “XEGD, La Poderosa,” and also FM on 90.3, “sistema combo”; full name of city “Hidalgo del Parral” is rarely heard. Hidalgo means noble or aristocrat, but probably derived here from name of an historical figure. This station habitually gets off to a rough start in the mornings, with dead air, hum, variable sign-ons, etc. [Hauser-OK]
- 720 **MEXICO** XEJCC *Extremo 720*, Cd. Juárez, Chih. OCT 11 1209 – Studio talk show pauses for Grupo Radio Centro plug, romantic song in English, loops west/southwest, so no doubt this only Mexican in the northwest, then mixing with another Spanish station much further east which I can still hear by nulling the first one, but that’s not XEDE Saltillo now, instead KSAH Universal City, Texas, since San Antonio mentioned, and 1216 ad in Spanish for A-1 Car Stereo, on I-10, and also has 877- toll-free number. KSAH is listed with ESPN Deportes, but this may have been a local show as well as local ads. [Hauser-OK]
- 750 **VENEZUELA** YVKS *RCR* Caracas SEP 29 2300 – ID, “En RCR, 750 AM”; fair/dominant. [Connelly-MA] OCT 12 0358 – Huge, over CBC Newfoundland with “RCR deportes,” mentions of Venezuela and sports coverage. [Taylor-PE]

- 770 **CUBA** *R.Rebelde*, Victoria de las Tunas OCT 18 0900 – Good, over WABC; ID with organ music, “Rebelde la Habana, la emisora de la revolución,” UTC-4 time check and more organ theme music, parallel 530, 550, 560, 600, 670, etc. [Conti-NH]
- 780 **MEXICO** XESFT *La Poderosa*, San Fernando, Tamps. OCT 12 1206 – Full ID for “La Poderosa... 25 años sirviendo a la región,” XESFT, also FM 103.7, “Grupo Radiorama, la cadena que une a México,” then live show about Tamaulipas. Did not hear the “Triple T” slogan mentioned, but maybe missed it. This with KSPI Stillwater completely nulled, and it’s too late for WBBM to be a problem. [Hauser-OK] OCT 18 1124 – Mexi-tunes, the usual male canned ID with FM and AM frequencies, female canned time checks. [Krueger-FL]
- 780 **MEXICO** unID OCT 16 0614 – Some station is now off-frequency enough to the low side to make a low audible het with WBBM, approx. opposite direction, as it’s not Pueblo music which makes only a slow SAH with WBBM. At 1216 with KSPI nulled, I am again hearing that het with a station in Spanish, but stepping up and down to nearby frequencies with BFO, KSPI is also off to the low side. [Hauser-OK]
- 780 **VENEZUELA** YVMN *R.Coro*, Coro OCT 18 0501 – Under WBBM; llanera instrumental, promo, “Radio Coro 780.” [Conti-NH]
- 800 **BONAIRE** PJB *TransWorld Radio*, Kralendijk OCT 17 0038 – Spanish preacher in passing, some WPLK Palatka, Florida co-channel. Anyone remember hearing *R.Netherlands* relayed here early evenings decades ago? [Krueger-FL]
- 810 **BAHAMAS** ZNS3 Freeport OCT 13 0901 – Under WGY; faded up with multi-station ID mentioning FM 104.5 ZNS3 and, “...Inspiration 107.9 FM, the station of the nations, all gospel all the time 24/7.” OCT 18 0900 – Over/under *R.Progreso* and WGY; multi-station ID including FM 104.5 ZNS1 and FM104.5 ZNS3. [Conti-NH]
- 810 **CUBA** *R.Progreso*, Guantánamo OCT 18 0500 – Wobbling through WGY. At 0900 over/under WGY and ZNS3; chime with UTC-4 time check, “A Primera Hora” and theme music parallel 640 and 690 kHz. [Conti-NH]
- 810 **MEXICO** unID OCT 12 1228 – Rough hum loops northeast/southwest, overcome at 1229 by WHB Kansas City as it pops onto day power and pattern, but can still hear the hum for a while. Only two XEs in the northwest part of the country: XESB *R.Mexicana*, and XERSV *Tribuna Radio*, per Cantú, so XESB is most likely. Altho KXOI Crane (Odessa), Texas is on the way with Spanish religion. [Hauser-OK]
- 820 **CUBA** *R.Progreso*, Ciego Avila OCT 12 0900 – Over/under WNYC; ID with theme music, “Radio Progreso, cadena nacional, la onda de la alegría transmitiendo desde la Habana, Cuba, primer territorio libre,” and chime with time check, “Las cinco en punto,” into “A Primera Hora” program. [Conti-NH]
- 840 **CUBA** CMHW *Doblevé*, Santa Clara OCT 13 0300 – “Desde Santa Clara, Cuba”; mixed with WHAS, others. [Connelly-MA]
- 850 **MEXICO** XEM Chihuahua, Chih. OCT 13 1220 – “Milenio Radio, 103.7, éxitos de todos los tiempos,” then Elvis’ “Love Me Tender” (in English), easy with KOA nulled. [Hauser-OK]
- 890 **CUBA** *R.Progreso*, Chambas OCT 16 0608 – Parallel 900, same song in Spanish from southeast vs co-channel interference on both, surely *R.Progreso*. There are also Progreso’s listed on 810, 820, 850, 880, 920, 940, etc., which one might also be able to log by parallel to 890 if not 4765 at this hour. [Hauser-OK]
- 900 **MEXICO** XEOK OK 900 AM, Monterrey, NL OCT 12 1202 – Federal PSAs, ID only as “900,” 1203 teléfonos en cabina 83-77-97-73 y 83-79-88-39 for call-ins to live show from Iglesia de – Impacto. Googling on Mexican phone numbers is usually unproductive and so are these, but there is an Iglesia de Alto Impacto of the Disciples of Christ in Monterrey, as I already strongly suspect this is XEOK. You might think radioacir.net would go to network HQ in the DF, but it’s actually XEOK’s own page, and displays the two phone numbers at the bottom, except 83-77-95-73 instead of the -97- I must have miscopied. Beware: website autolaunches audio whether wanted or not. [Hauser-OK]
- 910 **VENEZUELA** YVRQ Caracas OCT 13 0600 – Good, out of up tempo music with four descending “doorbell” chimes, “una treinte uno minutos” time check and minute-long male promo in Spanish for the station’s sports, business news, and news from Venezuela and beyond. Then more doorbell chimes and back into music. [Taylor-PE]
- 940 **PUERTO RICO** WIPR *Máxima 940*, San Juan OCT 12 0459 – Strong, in the clear in auroral conditions, out of music piece with many mentions of “Máxima 940” in Spanish. Then back into traditional music at the top of the hour. [Taylor-PE] OCT 13 2301 – ID, “Esta es Máxima, Nueve Cuarenta AM”; poor to fair. [Connelly-MA]
- 970 **MEXICO** XEJ Cd. Juárez, Chih. OCT 16 0609 – Really lovely heartfelt version of “Malagueña Salerosa,” maybe Linda Ronstadt? But no back-announce, just 0612 ID as “La Jota Mexicana, 970 AM.” Salerosa refers to salt, salty? Witty? What does it really connote

- in this title? Google translate can't handle saleroso/a at all. 950 and 970 stations have no problem getting past my local 960 KGWA, while my other 1 kW local, 1390 KCRC, blocks its adjacent channels and desensitizes even further ones. [Hauser-OK]
- 1030 **MEXICO** XEYC *R.Fórmula*, Cd. Juárez, Chih. OCT 16 1243 – Two stations in Spanish, one of which IDs as 103.3 y 970, Radio Fórmula, i.e. relaying the network flagship in the DF; Cantú does not cross-reference 103.3 on the 970 frequency listing, but separately does have 103.3 as XERFR too. [Hauser-OK]
- 1060 **MEXICO** XEEP *R.Educación*, México, DF OCT 11 0500 – Fair, with children singing the national anthem of Mexico. Only Mexican station on this frequency, so leaves little doubt it was XEEP. Thanks to Barry Davies and Jean Burnell for hints on the national anthem. [Taylor-PE] OCT 13 0901 – Over KYW; flute folk music, ID, “Radio Educación, 1060 de AM, desde la ciudad de México, cien mil wats de potencia, en internet radio educacion punto edu punto mx, Radio Educación.” [Conti-NH] OCT 13 1206 – *R.Educación* ID amid heavy co-channel interference, mainly from KIJN Farwell, Texas, the cheating 10 kW all-night “daytime” gospel-huxter on the New Mexico border, playing praise music in Spanish, and also easily recognizable by the fast SAH it makes with anything else. When that’s nulled, XEEP confronts KGFX opposite from South Dakota. XEEP is now the only Mexican left with a nationally clear channel on MW, 100/20 kW, but does little good up here. (XEB 1220 now confronts a daytimer in Saltillo.) They ought to upgrade their shortwave to fulltime, high power, and preferably better frequencies than 6185; that’ll never happen. [Hauser-OK] OCT 15 1000 – Under KYW; choral national anthem. [Conti-NH]
- 1159 **CUBA** unID OCT 11 0300 – Weak het against 1160; measured 1159.001 kHz. [Conti-NH] 1159 is surely Cuba. For a very long time, there have been strong carrier-only modulations, sometimes 24/7 (all audible quite well daytime here), on 1121, 1159 and 1179 kHz. My first log of 1159 was July 29, 2012. All DF to the western side of the island. While creating a het on 1179 may seem obvious to inject additional noise against *R.Martí*, Marathon (as if the multiple *R.Rebelde* transmitters on 1180 aren’t enough), the reason for the others are less clear. In Cuba, not everything makes sense. For instance, there’s no need to keep *R.Enciclopedia* on 530 with *R.Martí* gone for years there, yet it continues (to my pleasure as it provides excellent background listening when I am home daytime). There’s one or two *Rebelde* transmitters on 530 as well. One could speculate that adding two *R.Rebelde* and a *R.Bayamo* to 1620 was intended to create havoc on WDHP U.S. Virgin Islands, which was at one time rebroadcasting a segment of *R.Martí* programming overnight (unconfirmed but I believe this ended long ago, too). There have been other 1 kHz offsets, such as *R.Rebelde* on 671 kHz. Although barely modulated it was definitely *Rebelde* audio but disappeared late last year or at least by early this year. In the 1970’s/1980’s, 1141 was used 24/7 to create a het against WQBA Miami. [Krueger-FL]
- 1180 **MEXICO** XEDCH *Ke Buena*, Cd. Delicias, Chih. OCT 13 0559 – Full ID for XEDCH and its FM; hardly any *R.Rebelde* problem, but instead from KFAQ Tulsa IBOC noise, and KZOT Nebraska, but the latter can be nulled. Yes, XEDCH is the call I heard instead of as in current Cantú XEJK. IRCA Mexican Log 2012 does list it as XEDCH parallel XHDCH 95.3. WRTH 2013 splits the difference with XEDCH. All agree on the Ke Buena slogan. [Hauser-OK]
- 1350 **CUBA** *R.Ciudad del Mar*, Aguada OCT 17 0018 – Very good with romántico vocals, clearly canned male and female reverb at 0027, ID. Deteriorating after 0030 UTC. [Krueger-FL]

QSL Information

- 1566 **BENIN** TWR Parakou OCT 12 – QSL card, schedule and tract received today from TWR for an AUG 31 2013 reception. Signed by Lorraine S., from the Swaziland address. The card says I heard this on 156 kHz, but I think everyone knows the actual channel! That’s my 60th verified country of 78 heard. [Renfrew-NY]

Contributors

Mark Connelly WA1ION, South Yarmouth MA; Microtelecom Perseus, west-null cardioid-pattern SuperLoop, 9 m vertical by 15 m horizontal, base height 1.5 m, null side feedline to termination pot, peak side feedline to 2:1 transformer to receiver.

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

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

Terry L. Krueger, Clearwater FL; JRC NRD-535, JRC NRD-515, 1 X roof dipole.

Jim Renfrew, Holley NY.

Brent Taylor, Stratford PE; SDR-IQ with 16 x 60 corner-fed loop.

73 and Good DX!

Musings of the Members

Dave Schmidt NRCMusings@aol.com
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Shrewsbury, PA 17361

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.

Bill Dvorak 3358 Ridgeway Ave Madison, WI 53704 dxerak@aol.com

The 20th annual Madison-Milwaukee DX Get-Together for DXers and Radio Enthusiasts took place on Saturday, August 17, and once again was a highly successful event. The hosts for this milestone 20th were Tim and Jill Noonan and the location was their home in Oak Creek WI, a south suburb of Milwaukee. This year's attendance was 36 DXers, and with family members total attendance was 45. A gorgeous day proved a great backdrop for conversation both on the outdoor patio and inside the house, and DX and other talk flowed. There was one demonstration, by yours truly working with a computerized logging system with hyperlinks to ID tapes.

Following the annual GTG group photo (expertly taken by our "unofficial official" photographer NRC'er Dave Legler), the gang went on to dinner at the Melrose Restaurant in Oak Creek. This very nice restaurant features great food at a reasonable price and has served as the eating spot for the last several Milwaukee-side GTG's. The program at the Melrose featured (among other things) the awarding of "AtTENDants Certificates") to those attending their 10th get-together (this year Bob Brossell and Mark Taylor) and several nice door prizes generously supplied by Fred Osterman of Universal Radio, along with a Tower Calendar supplied by Scott Fybush. We heartily thank them both.

From there it was back to Tim and Jill's for the night session, featuring cake, conversation and camaraderie well into the evening. It was great to once again see several NRC'ers in attendance, including Walter Breville (MO), Neil Kazaross (IL), Len Kelter (WI), Dave Legler (MN), Frank Merrill (IL), Bob Mielcarek (WI), Gary Siegel (OH) and of course our host Tim Noonan. This event was lots of fun, and Tim and Jill once again deserve great kudos for an excellent event.

Next year the 21st edition returns to Madison, hosted by my wife Nina and me, on Saturday, August 16, 2014. We hope you can join us. If you would like more info, please contact me at either address listed above. 73, Bill Dvorak.

Warren Greenburg AE4WG warren.greenberg@yahoo.com

It has been a while since my last Musing. I couldn't make the convention this year, next year not sure yet.

I recently acquired a FLEX-3000 SDR transceiver, and I am in the process of fixing up my amplifier loop antenna for the upcoming season, I currently use a G5RV for my ham work and it works but with a fixed antenna you can't null out stations. An example here is ZNS on 810 in the car in the driveway it is a local like station even though there is a station in Orlando (I'm in their null) but with the G5RV I get a mix of both, but with the loop the Orlando station is completely gone.

I have been retired and moved to Florida about 6 years ago and enjoying it. Didn't get any DX radio time this year on my yearly trip to Aruba, the radio in the car was deaf.

IRCA Mexican Log, 18th Edition (Winter 2013)



The **IRCA MEXICAN LOG** lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The transmitter site index (listed by state, then city) tabulates the latitude and longitude of transmitter sites. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11".

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GRAVEYARD DX ACHIEVEMENTS

Vincent Ferme, National Radio Club, Editor

dxista@yahoo.ca or 1711 Belval Cres., Ottawa ON K1C 6K2, Canada

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
(t) tie

1450 kHz

Logged from Jan 1, 1960 to Present

Current as of July 3, 2013

WDNG	AL	Anniston	Carl Dabelstein	Overland Park, KS	615
WDLK	AL	Dadeville	Jim Renfrew	Rochester, NY	837
WDIG	AL	Dothan	Don Trelford	Runaway Bay, Jamaica	* 1019
WDIG	AL	Dothan	Gary Siegel	Toledo, OH	+ 729
WFIX	AL	Huntsville	Carl Dabelstein	Lincoln, NE	* 686
WFIX	AL	Huntsville	Jeff Falconer	Clinton, ON	+ 672
WLAY	AL	Muscle Shoals	Wayne Heinen	Orchard Park, NY	733
KLAM	AK	Cordova	Esa Hänninen	Lemmenjoki, Finland	3497
KAWT	AZ	Douglas	Phil Bytheway	Seattle, WA	1311
KNOT	AZ	Prescott	Tim Hall	Solvang, CA	439
KVSL	AZ	Show Low	Carl Dabelstein	Lincoln, NE	861
KOPO	AZ	Tucson	Mike Hardester	Modesto, CA	674
KENA	AR	Mena	Wayne Heinen	Aurora, CO	678
KAVA	CA	Burney	Nancy Johnson	Aberdeen, WA	436
KFSD	CA	Escondido	Tim Hall	The Sea Ranch, CA	526
KGAM	CA	Palm Springs	Tim Hall	Carmel-by-the Sea, CA	359
KTIP	CA	Porterville	Frank Merrill	Nenana, AK	# 2319
KTIP	CA	Porterville	Tim Hall	Yellowstone Lake Village, WY	* 866
KEST	CA	San Francisco	Esa Hänninen	Lemmenjoki, Finland	4907
KSOL	CA	San Francisco	Dave Whatmough	Hamilton, ON	* 2244
KEST	CA	San Francisco	Carl Dabelstein	Tucson, AZ	+ 750
KVML	CA	Sonora	Pete Taylor	Tacoma, WA	653
KVEN	CA	Ventura	Richard E. Wood	Hilo, HI	# 2411
KVEN	CA	Ventura	Phil Bytheway	Seattle, WA	* 937
KOBO	CA	Yuba City	Esa Hänninen	Lemmenjoki, Finland	4799
KOBO	CA	Yuba City	Richard E. Wood	Hilo, HI	# 2404
KOBO	CA	Yuba City	Bill Harms	Spokane, WA	* 630
KGIW	CO	Alamosa	Olle Alm	Abisko, Sweden	4600
KGIW	CO	Alamosa	Frank Merrill	Milan, MI	* 1222
KDMN	CO	Buena Vista	Tim Hall	Green River, WY	211
KAVP	CO	Colona	Richard Lauhead	Vadnais Heights, MN	882
KGRE	CO	Greeley	Olle Alm	Abisko, Sweden	4386
KATR	CO	Greeley	Jim Boehm	San Antonio, TX	* 836
KDRW	CO	Silverton	Niel Wolfish	Winnipeg, MB	959
WNAB	CT	Bridgeport	Frank Wheeler	Erie, PA	* 423
WCUM	CT	Bridgeport	Barry McLarnon	Ottawa, ON	+ 315
WILM	DE	Wilmington	Don Trelford	Runaway Bay, JMC	1477
WILM	DE	Wilmington	Steve Francis	Alcoa, TN	* 535
WILM	DE	Wilmington	Jeff Falconer	Clinton, ON	+ 410
WOL	DC	Washington	Barry McLarnon	Ottawa, ON	* 451
WOL	DC	Washington	Steve Francis	Alcoa, TN	+ 440
WMFJ	FL	Daytona Beach	Andy Rugg	Montreal, QC	* 1196
WMFJ	FL	Daytona Beach	Marc DeLorenzo	Hyannis, MA	+ 1050
WOCN	FL	Miami	Joe Kureth	Southern Pines, NC	648
WBSR	FL	Pensacola	Don Trelford	Runaway Bay, JMC	1040
WBSR	FL	Pensacola	Carl Dabelstein	Lincoln, NE	* 891
WSPB	FL	Sarasota	Dave Whatmough	Hamilton, ON	* 1111
WSPB	FL	Sarasota	Steve Francis	Alcoa, TN	+ 590

WSTU	FL	Stuart	Don Trelford	Runaway Bay, Jamaica	1079
WTAL	FL	Tallahassee	Charles Reh	Leamington, ON	* 808
WTAL	FL	Tallahassee	Steve Francis	Alcoa, TN	+ 370
WGPC	GA	Albany	Don Trelford	Runaway Bay, JMC	1007
WBHF	GA	Cartersville	Russ Johnson	Lexington, NC	282
WCON	GA	Cornelia	Carl Dabelstein	Lincoln, NE	840
WKEU	GA	Griffin	Neil Kazaross	Barrington, IL	* 657
WMVG	GA	Milledgeville	Don Trelford	Runaway Bay, JMC	1079
WMVG	GA	Milledgeville	Jeff Falconer	Clinton, ON	* 735
WMVG	GA	Milledgeville	Gary Siegel	Toledo, OH	+ 594
WQQT	GA	Savannah	Russ Edmunds	Parsippany, NJ	711
WVLD	GA	Valdosta	John Wilkins	West Des Moines, IA	946
KBFI	ID	Bonnors Ferry	Shawn Axelrod	Winnipeg, MB	* 867
KBFI	ID	Bonnors Ferry	Tim Hall	Lake MacDonald, MT	+ 139
KVSI	ID	Montpelier	Richard Lauhead	Vadnais Heights, MN	929
KWEI	ID	Notus	Ron Schiller	Coeur d'Alene, ID	264
KORI	ID	Payette	Esa Hänninen	Lemmenjoki, Finland	4420
KIOV	ID	Payette	Barry McLarnon	Ottawa, ON	* 2001
KIOV	ID	Payette	John Wilkins	Wheat Ridge, CO	+ 675
KEZJ	ID	Twin Falls	Olle Alm	Abisko, Sweden	4411
KEZJ	ID	Twin Falls	Shawn Axelrod	Winnipeg, MB	* 962
KEZJ	ID	Twin Falls	Ron Schiller	Coeur d'Alene, ID	+ 372
WCEV	IL	Cicero	Shawn Axelrod	Winnipeg, MB	708
WCEV	IL	Cicero	Richard Lauhead	Vadnais Heights, MN	+ 350
WVON	IL	Cicero	Shawn Axelrod	Winnipeg, MB	* 718
WVON	IL	Cicero	Steve Francis	Alcoa, TN	+ 464
WKEI	IL	Kewanee	Barry McLarnon	Ottawa, ON	* 766
WKEI	IL	Kewanee	Carl Dabelstein	Lincoln, NE	+ 352
WCVS	IL	Springfield	Russ Edmunds	Parsippany, NJ	* 818
WFMB	IL	Springfield	Barry McLarnon	Ottawa, ON	+ 804
WAFX	IN	Fort Wayne	Niel Wolfish	Winnipeg, MB	* 833
WLYV	IN	Fort Wayne	Shawn Axelrod	Winnipeg, MB	* 833
WLYV	IN	Fort Wayne	Neil Kazaross	Barrington, IL	+ 173
WAFX	IN	Fort Wayne	Gary Siegel	Toledo, OH	+ 91
WXVW	IN	Jeffersonville	Niel Wolfish	Winnipeg, MB	* 968
WQKC	IN	Jeffersonville	Russ Edmunds	Blue Bell, PA	+ 577
WASK	IN	Lafayette	Niel Wolfish	Winnipeg, MB	* 814
WASK	IN	Lafayette	Steve Francis	Alcoa, TN	+ 355
WAOV	IN	Vincennes	Bill Dvorak	Madison, WI	318
KCDR	IA	Cedar Rapids	John Wilkins	Wheat Ridge, CO	715
KWBW	KS	Hutchinson	Shawn Axelrod	Winnipeg, MB	* 803
KWBW	KS	Hutchinson	Neil Kazaross	Barrington, IL	+ 592
WTCO	KY	Campbellsville	Russ Edmunds	Little Silver, NJ	652
WWXL	KY	Manchester	Jeff Falconer	Clinton, ON	* 462
WWXL	KY	Manchester	Kraig Krist	Manassas, VA	+ 361
WPAD	KY	Paducah	Shawn Axelrod	Winnipeg, MB	* 968
WPAD	KY	Paducah	Russ Edmunds	Parsippany, NJ	+ 805
WLKS	KY	West Liberty	Jeff Falconer	Clinton, ON	* 404
WLKS	KY	West Liberty	Gary Siegel	Toledo, OH	+ 259
KSIG	LA	Crowley	Ron Schiller	Lighthouse Point, FL	794
KNOC	LA	Natchitoches	Frank Merrill	Milan, MI	883
WNPS	LA	New Orleans	Charles Reh	Leamington, ON	* 935
WWIW	LA	New Orleans	Carl Dabelstein	Lincoln, NE	+ 835
WRKD	ME	Rockland	Jean Burnell	St. John's, NF	* 825
WRKD	ME	Rockland	Marc DeLorenzo	Hyannis, MA	+ 181
WKTQ	ME	South Paris	Don Voorhies	Oswego, NY	* 303
WKTQ	ME	South Paris	Barry McLarnon	Ottawa, ON	+ 270
WTBO	MD	Cumberland	Barry McLarnon	Ottawa, ON	* 423
WTBO	MD	Cumberland	Steve Francis	Alcoa, TN	+ 391
WTHU	MD	Thurmont	Barry McLarnon	Ottawa, ON	405
WTHU	MD	Thurmont	Marc DeLorenzo	Hyannis, MA	+ 399
WNBP	MA	Newburyport	Barry McLarnon	Ottawa, ON	+ 301
WNBP	MA	Newburyport	Niel Wolfish	Louisbourg, NS	+ 582

WMAS	MA	Springfield	Barry McLarnon	Ottawa, ON	* 276
WMAS	MA	Springfield	Russ Edmunds	Blue Bell, PA	+ 194
WATZ	MI	Alpena	MB DXPedition	Valhalla Beach, MB	* 734
WATZ	MI	Alpena	Gary Siegel	Toledo, OH	+ 235
WHTC	MI	Holland	Barry McLarnon	Ottawa, ON	* 542
WHTC	MI	Holland	Carl Dabelstein	Omaha, NE	+ 514
WMIQ	MI	Iron Mountain	Niel Wolfish	Winnipeg, MB	* 500
WMIQ	MI	Iron Mountain	Shawn Axelrod	Winnipeg, MB	* 500
WMIQ	MI	Iron Mountain	Neil Kazaross	Barrington, IL	+ 252
WIBM	MI	Jackson	Ron Musco	Windsor, CT	* 580
WIBM	MI	Jackson	Barry McLarnon	Ottawa, ON	+ 483
WKLA	MI	Ludington	Barry McLarnon	Ottawa, ON	* 532
WKLA	MI	Ludington	Gary Siegel	Toledo, OH	+ 215
WNBY	MI	Newberry	Russ Edmunds	Parsippany, NJ	* 679
WNBY	MI	Newberry	Barry McLarnon	Ottawa, ON	+ 473
WHLS	MI	Port Huron	Steve Francis	Alcoa, TN	* 503
WHLS	MI	Port Huron	Barry McLarnon	Ottawa, ON	+ 369
KATE	MN	Albert Lea	Olle Alm	Abisko, Sweden	3963
KATE	MN	Albert Lea	Barry McLarnon	Ottawa, ON	* 874
KATE	MN	Albert Lea	John Wilkins	Wheat Ridge, CO	+ 661
KBUN	MN	Bemidji	Gary Atkins	Louisville, KY	805
KBMW	MN	Breckenridge	Esa Hänninen	Lemmenjoki, Finland	3975
KBMW	MN	Breckenridge	Barry McLarnon	Ottawa, ON	* 1002
KBMW	MN	Breckenridge	John Wilkins	Wheat Ridge, CO	+ 622
WELY	MN	Ely	Joe Kureth	Uniontown, MD	931
KCLD	MN	St. Cloud	Don Trelford	Scarborough, ON	* 743
KNSI	MN	St. Cloud	Neil Kazaross	Barrington, IL	+ 380
WROX	MS	Clarksdale	Andy Rugg	Waterloo, ON	* 820
WROX	MS	Clarksdale	Carl Dabelstein	Omaha, NE	+ 569
WCJU	MS	Columbia	Joe Kureth	Uniontown, MD	921
WJXN	MS	Jackson	Charles Reh	Leamington, ON	* 791
WJXN	MS	Jackson	Steve Francis	Alcoa, TN	+ 428
WMGP	MS	Meridian	Don Trelford	Scarborough, ON	* 940
WOKK	MS	Meridian	Carl Dabelstein	Lincoln, NE	+ 731
WNAT	MS	Natchez	Loyd Van Horn	Brasstown, NC	492
WROB	MS	West Point	Steve Francis	Alcoa, TN	306
KFTW	MO	Fredericktown	Jim Boehm	San Antonio, TX	731
WMBH	MO	Joplin	Niel Wolfish	Winnipeg, MB	* 903
WMBH	MO	Joplin	Shawn Axelrod	Winnipeg, MB	* 903
WMBH	MO	Joplin	Gary Siegel	Toledo, OH	+ 667
KIRX	MO	Kirksville	Niel Wolfish	Winnipeg, MB	* 692
KIRX	MO	Kirksville	Shawn Axelrod	Winnipeg, MB	* 692
KIRX	MO	Kirksville	Morris Sorensen	Winnipeg, MB	* 692
KIRX	MO	Kirksville	Neil Kazaross	Barrington, IL	+ 268
KOKO	MO	Warrensburg	Paul Mount	Teaneck, NJ	* 1055
KOKO	MO	Warrensburg	Jeff Falconer	Clinton, ON	+ 716
KWPM	MO	West Plains	Barry McLarnon	Ottawa, ON	* 1025
KWPM	MO	West Plains	Steve Francis	Alcoa, TN	+ 443
KXXL	MT	Bozeman	Tim Hall	Fitz Hugh Sound, BC	* 876
KXXL	MT	Bozeman	Forest Osborn	Hooker, OK	+ 794
KUDI	MT	Great Falls	Esa Hänninen	Lemmenjoki, Finland	4120
KUDI	MT	Great Falls	Ernie Wesolowski	Omaha, NE	* 872
KGRZ	MT	Missoula	Nancy Johnson	Aberdeen, WA	462
KRBN	MT	Red Lodge	Shawn Axelrod	Winnipeg, MB	644
KRBN	MT	Red Lodge	Phil Bytheway	Seattle, WA	644
KSKR	MT	Whitefish	Nancy Johnson	Aberdeen, WA	452
KVCK	MT	Wolf Point	Niel Wolfish	Winnipeg, MB	401
KVCK	MT	Wolf Point	Shawn Axelrod	Winnipeg, MB	401
KVCK	MT	Wolf Point	Morris Sorensen	Winnipeg, MB	401
KWBE	NE	Beatrice	John Johnson	Billings, MT	704
KCSR	NE	Chadron	Ernie Wesolowski	Omaha, NE	372
KONE	NV	Reno	Frank Merrill	Nenana, AK	# 2086
KONE	NV	Reno	Tim Hall	Chula Vista, CA	* 504

WKXL	NH	Concord	Jeff Falconer	Clinton, ON	* 502
WKXL	NH	Concord	Russ Edmunds	Blue Bell, PA	+ 285
WIIN	NJ	Atlantic City	Esa Hänninen	Lemmenjoki, Finland	3968
WFPG	NJ	Atlantic City	Bill Dvorak	Madison, WI	* 818
WENJ	NJ	Atlantic City	Jeff Falconer	Clinton, ON	+ 470
WCTC	NJ	New Brunswick	Steve Francis	Alcoa, TN	* 613
WCTC	NJ	New Brunswick	Jeff Falconer	Clinton, ON	+ 424
KRZY	NM	Albuquerque	Ernie Wesolowski	Omaha, NE	709
KLMX	NM	Clayton	Ron Schiller	Monmouth Beach, NJ	1599
KOBE	NM	Las Cruces	Phil Bytheway	Seattle, WA	1336
KSEL	NM	Portales	Shawn Axelrod	Winnipeg, MB	* 1115
KSEL	NM	Portales	Tim Hall	Teasdale, UT	+ 535
KWES	NM	Ruidoso	John Wilkins	Wheat Ridge	447
WCLI	NY	Corning	Barry McLarnon	Ottawa, ON	233
WWSC	NY	Glens Falls	Charles Reh	Leamington, ON	* 463
WWSC	NY	Glens Falls	Tim Hall	Mount Laurel, NJ	+ 243
WHDL	NY	Olean	Barry McLarnon	Ottawa, NY	+ 264
WHDL	NY	Olean	Bruce Conti	Nashua, NH	+ 358
WKIP	NY	Poughkeepsie	Jeff Falconer	Clinton, ON	* 411
WKIP	NY	Poughkeepsie	Kraig Krist	Manassas, VA	+ 281
WKAL	NY	Rome	Jeff Falconer	Clinton, ON	+ 306
WKAL	NY	Rome	Kraig Krist	Manassas, VA	*326
WYFY	NY	Rome	Russ Edmunds	Blue Bell, PA	+ 212
WATA	NC	Boone	Russ Edmunds	Blue Bell, PA	443
WGNC	NC	Gastonia	Barry McLarnon	Ottawa, ON	* 754
WGNC	NC	Gastonia	Gary Siegel	Toledo, OH	+ 460
WHVH	NC	Henderson	Andy Rugg	Montreal, QC	* 678
WIZS	NC	Henderson	Gary Siegel	Toledo, OH	+ 461
WHKP	NC	Hendersonville	Don Trelford	Runaway Bay, JMC	1212
WHKP	NC	Hendersonville	Barry McLarnon	Ottawa, ON	* 777
WHKP	NC	Hendersonville	Gary Siegel	Toledo, OH	+ 442
WNOS	NC	New Bern	Barry McLarnon	Ottawa, ON	* 713
WNOS	NC	New Bern	Russ Edmunds	Blue Bell, PA	+ 363
WCIE	NC	Spring Lake	Barry McLarnon	Ottawa, ON	* 724
WFVS	NC	Spring Lake	Gary Siegel	Toledo, OH	+ 513
KZZJ	ND	Rugby	Neil Kazaross	Barrington, IL	* 717
KZZJ	ND	Rugby	Tim Hall	Winnipeg, MB	+ 167
WJER	OH	Dover	Jeff Falconer	Clinton, ON	* 215
WJER	OH	Dover	Gary Siegel	Toledo, OH	+ 135
WMOH	OH	Hamilton	Niel Wolfish	Winnipeg, MB	* 942
WMOH	OH	Hamilton	Shawn Axelrod	Winnipeg, MB	* 942
WMOH	OH	Hamilton	Russ Edmunds	Kinnelon, NJ	+ 547
WLEC	OH	Sandusky	Barry McLarnon	Ottawa, ON	* 440
WLEC	OH	Sandusky	Ron Bailey	Shelby, NC	+ 434
KWHW	OK	Altus	Olle Alm	Abisko, Sweden	4660
KWHW	OK	Altus	Niel Wolfish	Winnipeg, MB	* 1046
KWHW	OK	Altus	Shawn Axelrod	Winnipeg, MB	* 1046
KWHW	OK	Altus	John Wilkins	Wheat Ridge, CO	+ 476
KGFF	OK	Shawnee	Neil Kazaross	Barrington, IL	666
KSIW	OK	Woodward	Phil Bytheway	Seattle, WA	1401
KKXO	OR	Eugene	Esa Hänninen	Lemmenjoki, Finland	4487
KKXO	OR	Eugene	Tim Hall	Revillagigedo Channel, AK	# 833
KKXO	OR	Eugene	Tim Hall	Monterey, CA	* 521
KKXO	OR	Eugene	Tim Hall	Manning Park Resort, BC	+ 399
KFLS	OR	Klamath Falls	Esa Hänninen	Lemmenjoki, Finland	4600
KFLS	OR	Klamath Falls	Bill Harms	Spokane Valley, WA	* 438
KLBM	OR	La Grande	Esa Hänninen	Lemmenjoki, Finland	4348
KLBM	OR	La Grande	MB DXPedition	Valhalla Beach, MB	* 1056
KLBM	OR	La Grande	Tim Hall	Crescent City, CA	+ 394
KBPS	OR	Portland	Bill Harms	Spokane Valley, WA	296
WWGO	PA	Erie	Marc Delorenzo	Hyannis, MA	* 504
WPSE	PA	Erie	Barry McLarnon	Ottawa, ON	* 308
WPSE	PA	Erie	Kraig Krist	Manassas, VA	+271

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WFRA	PA	Franklin	UK DX	Sheigra, Scotland	3326
WFRA	PA	Franklin	Carl Dabelstein	Lincoln, NE	* 877
WFRA	PA	Franklin	Barry McLarnon	Ottawa, ON	+ 341
WDAD	PA	Indiana	Andy Rugg	Pointe Claire, QC	425
WDAD	PA	Indiana	Steve Francis	Alcoa, TN	425
WYNY	PA	Milford	Bruce Conti	Nashua, NH	*194
WPAM	PA	Pottsville	Andy Rugg	Pointe Claire, QC	* 348
WPAM	PA	Pottsville	Tim Hall	Newton, NJ	+ 79
WMPT	PA	South Williamsport	Frank Merrill	Toledo, OH	342
WMPT	PA	South Williamsport	Gary Siegel	Toledo, OH	342
WMAJ	PA	State College	Steve Francis	Alcoa, TN	* 481
WMAJ	PA	State College	Barry McLarnon	Ottawa, ON	+ 331
WQWK	PA	State College	Bruce Conti	Nashua, NH	*352
WJPA	PA	Washington	Barry McLarnon	Ottawa, ON	* 423
WJPA	PA	Washington	Steve Francis	Alcoa, TN	+ 367
WWRI	RI	West Warwick	Christian DeHaes	Chicoutimi, QC	* 466
WDYZ	RI	West Warwick	Russ Edmunds	Jonesport, ME	+ 280
WQSN	SC	Charleston	Andy Rugg	Montreal, QC	* 941
WQSN	SC	Charleston	Gary Siegel	Toledo, OH	+ 644
WCRS	SC	Greenwood	Harold Frodge	Midland, MI	661
WHSC	SC	Hartsville	Carl Dabelstein	Lincoln, NE	* 1012
WHSC	SC	Hartsville	Jeff Falconer	Clinton, ON	+ 645
WJYR	SC	Myrtle Beach	Barry McLarnon	Ottawa, ON	* 822
WMYB	SC	Myrtle Beach	Marc DeLorenzo	Hyannis, MA	+ 722
KBFS	SD	Belle Fourche	Shawn Axelrod	Hecla Island, MB	* 555
KBFS	SD	Belle Fourche	Carl Dabelstein	Omaha, NE	+ 466
KSQP	SD	Pierre	John Wilkins	Wheat Ridge, CO	399
KSQP	SD	Pierre	Wayne Heinen	Aurora, CO	399
KYNT	SD	Yankton	Tim Hall	Winnipeg, MB	* 485
KYNT	SD	Yankton	Bruce Winkelman	Tulsa, OK	+ 478
WLAR	TN	Athens	Ernie Wesolowski	Omaha, NE	741
WMOC	TN	Chattanooga	Ernie Wesolowski	Omaha, NE	* 728
WMOC	TN	Chattanooga	Carl Dabelstein	Omaha, NE	* 728
WMOC	TN	Chattanooga	Jeff Falconer	Clinton, ON	+ 625
WDSG	TN	Dyersburg	Gary Siegel	Toledo, OH	499
WSMG	TN	Greeneville	Carl Dabelstein	Lincoln, NE	* 814
WSMG	TN	Greeneville	Jeff Falconer	Clinton, ON	+ 519
WLAF	TN	La Follette	Joe Kureth	Uniontown, MD	443
WGNS	TN	Murfreesboro	Don Trelford	Scarborough, ON	* 660
WGNS	TN	Murfreesboro	Carl Dabelstein	Lincoln, NE	+ 654
KAYC	TX	Beaumont	Michael Hawk	Omaha, NE	781
KAYC	TX	Beaumont	Ernie Wesolowski	Omaha, NE	781
KAYC	TX	Beaumont	Carl Dabelstein	Omaha, NE	781
KBEN	TX	Carrizo Springs	Carl Dabelstein	Lincoln, NE	865
KCTI	TX	Gonzales	Ron Schiller	Dallas, TX	230
KMBL	TX	Junction	Ernie Wesolowski	Omaha, NE	770
KCYL	TX	Lampasas	Robert Forsman	Pascagoula, MS	574
KMHT	TX	Marshall	Bruce Winkelman	Tulsa, OK	260
KNET	TX	Palestine	Carl Dabelstein	Lincoln, NE	627
KSNY	TX	Snyder	Ernie Wesolowski	Omaha, NE	671
KSNY	TX	Snyder	Carl Dabelstein	Omaha, NE	671
KCNY	UT	Moab	Carl Dabelstein	Omaha, NE	735
KURA	UT	Moab	Ernie Wesolowski	Omaha, NE	735
KEYY	UT	Provo	Shawn Axelrod	Winnipeg, MB	* 962
KEYY	UT	Provo	Tim Hall	Mammoth Lakes, CA	+ 431
KDXU	UT	St. George	Carl Dabelstein	Omaha, NE	977
KDXU	UT	St. George	Ernie Wesolowski	Omaha, NE	977
WSNO	VT	Barre	Jeff Falconer	Clinton, ON	* 451
WSNO	VT	Barre	Russ Edmunds	Blue Bell, PA	+ 314
WTSA	VT	Brattleboro	Jeff Falconer	Clinton, ON	* 455
WTSA	VT	Brattleboro	Russ Edmunds	Blue Bell, PA	+ 235
WBVA	VA	Bayside	Russ Edmunds	Blue Bell, PA	232
WVAX	VA	Charlottesville	Barry McLarnon	Ottawa, ON	* 525

WVAX	VA	Charlottesville	Kraig Krist	Manassas, VA	+ 72
WFTR	VA	Front Royal	Ernie Wesolowski	Omaha, NE	* 961
WFTR	VA	Front Royal	Barry McLarnon	Ottawa, ON	+ 463
WENZ	VA	Highland Springs	Gary Siegel	Toledo, OH	436
WREL	VA	Lexington	Bob McCoy	Lincoln, NE	* 946
WREL	VA	Lexington	Barry McLarnon	Ottawa, ON	+ 558
WLPM	VA	Suffolk	Gary Siegel	Toledo, OH	506
KAYO	WA	Aberdeen	Esa Hänninen	Lemmenjoki, Finland	4300
KBKW	WA	Aberdeen	Richard E. Wood	Hilo, HI	# 2584
KBKW	WA	Aberdeen	Tim Hall	Jasper, AB	+ 481
KCLX	WA	Colfax	Olle Alm	Abisko, Sweden	4168
KCLX	WA	Colfax	Nancy Johnson	Billings, MT	* 430
KCLX	WA	Colfax	Tim Hall	Jasper, AB	+ 417
KONP	WA	Port Angeles	Esa Hänninen	Lemmenjoki, Finland	4217
KONP	WA	Port Angeles	LEM96	Lemmonjoki, Finland	4217
KONP	WA	Port Angeles	Shawn Axelrod	Swan River, MB	* 1017
KONP	WA	Port Angeles	Tim Hall	Lynn Canal, AK	# 868
KONP	WA	Port Angeles	Tim Hall	Crater Lake Rim Village, OR	+ 364
KAYE	WA	Puyallup	John Johnson	Sheridan, WY	* 753
KSUH	WA	Puyallup	Tim Hall	Jasper, AB	+ 436
WBOY	WV	Clarksburg	Gary Siegel	Toledo, OH	* 237
WBOY	WV	Clarksburg	Charles Reh	Leamington, ON	+ 233
WLUX	WV	Dunbar	Ron Bailey	Marion, NC	185
WZAC	WV	Madison	Barry McLarnon	Ottawa, ON	* 593
WWBB	WV	Madison	Gary Siegel	Toledo, OH	+ 266
WHNK	WV	Parkersburg	Barry McLarnon	Ottawa, ON	* 512
WHNK	WV	Parkersburg	Russ Edmunds	Blue Bell, PA	+ 328
KFIZ	WI	Fond du Lac	Morris Sorensen	Leaf Rapids, MB	* 1055
KFIZ	WI	Fond du Lac	John Wilkins	Wheat Ridge, CO	+ 899
WHRY	WI	Hurley	Barry McLarnon	Ottawa, ON	* 694
WHRY	WI	Hurley	Neil Kazaross	Barrington, IL	+ 307
WDLB	WI	Marshfield	Russ Edmunds	Blue Bell, PA	* 821
WDLB	WI	Marshfield	Barry McLarnon	Ottawa, ON	+ 702
WPEP	WI	Park Falls	Ernie Wesolowski	Omaha, NE	431
WRCO	WI	Richland Center	John Johnson	Sheridan, WY	* 829
WRCO	WI	Richland Center	Jeff Falconer	Clinton, ON	+ 444
KBBS	WY	Buffalo	Olle Alm	Abisko, Sweden	4167
KBBS	WY	Buffalo	Morris Sorensen	Winnipeg, MB	* 590
KBBS	WY	Buffalo	John J. Rieger	L'Anse, MI	+ 900
KVOW	WY	Riverton	Olle Alm	Abisko, Sweden	4281
CBWI	AB	Grande Cache	Tim Hall	Jasper, AB	82
CKYR	AB	Jasper	Shawn Axelrod	Winnipeg, MB	928
CBKS	BC	Cache Creek	Tim Hall	Ellensburg, WA	267
CHET	BC	Chetwynd	Frank Merrill	Nenana, AK	1110
CHBV	BC	Houston	Esa Hänninen	Lemmenjoki, Finland	3841
CBKA	BC	Stewart	Tim Hall	Ketchikan, AK	193
CKSP	BC	Summerland	Nancy Johnson	Aberdeen, WA	* 263
CHOR	BC	Summerland	Tim Hall	Jasper, AB	+ 236
CBG	NL	Gander	Olle Alm	Göteborg, Sweden	2694
CFAB	NS	Windsor	UK DXPedition	Sheigra, Scotland	2604
CFAB	NS	Windsor	Russ Edmunds	Jonesport, ME	+ 174
CFJR	ON	Brockville	Gary Siegel	Toledo, OH	+ 441
CFJR	ON	Brockville	Charles Reh	Leamington, ON	* 386
CFJR	ON	Brockville	Gary Siegel	Toledo, OH	+ 441
CHUC	ON	Cobourg	MB DXPedition	Valhalla Beach, MB	* 987
CHUC	ON	Cobourg	Steve Francis	Alcoa, TN	+ 642
CKDR4	ON	Ear Falls	Niel Wolfish	Winnipeg, MB	186
CBGA4	QC	Causapscal	Barry McLarnon	Ottawa, ON	454
CHEF	QC	Granby	Esa Hänninen	Lemmenjoki, Finland	3560
CHEF	QC	Granby	MB DXPedition	Arnes, MB	* 1175
CHEF	QC	Granby	Gary Siegel	Toledo, OH	+ 600
CHOU	QC	Montreal	Niel Wolfish	Howe Bay, PE	+ 541
CHOU	QC	Montreal	Neil Kazaross	Grafton, WI	* 717

CBMA	QC	Noranda	Morris Sorensen	Kirkland Lake, ON	23
CHRT	QC	St.-Eleuthere	Joe Kureth	Uniontown, MD	78
KEYZ	AG	Aguascalientes	Tim Hall	20 mi W of Puerto Vallarta, Jal	665
XESS	BCN	Ensenada	Richard E. Wood	Hilo, HI	227
XEBP	DU	Gomez Palacio	Tim Hall	MM 210 on I-10, TX	# 2524
XEARE	CH	Ojinaga	Jim Boehm	San Antonio, TX	377
XETD	NAY	Tecuala	Jim Boehm	San Antonio, TX	362
XEJM	NL	Monterrey	Tim Hall	Houston, TX	655
XENA	QE	Queretaro	Richard E. Wood	Hilo, HI	414
XECU	SIN	Los Mochis	Richard E. Wood	Hilo, HI	3528
XECU	SIN	Los Mochis	Tim Hall	Chatham Sound, BC	# 2954
XECU	SIN	Los Mochis	Tim Hall	Chula Vista, CA	* 2267
XEDJ	SON	Magdalena	Neil Kazaross	Poway, CA	681
XECB	SON	San Luis Rio Colorado	John Wilkins	Wheat Ridge, CO	* 393
XECM	TA	Ciudad Mante	Jim Boehm	San Antonio, TX	736
XERDO	TA	Villa Hermosa	Tim Hall	Fort Stockton, TX	463
XEPY	YC	Merida	Don Trelford	Runaway Bay, JMC	471
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HJNL	CO	Manizales	NF DXPedition Team #2	Cappahayden, NF	4179
YVKJ	VE	Catia la Mar	NF DXPedition Team #2	Cappahayden, NF	3185
CMJF	CU	Cd Amancio R	Shawn Axelrod	Orleans, ON	2644
BED48	Taiwan,	Kaohsiung	Pete Taylor	Hong Kong	1714
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NOAA Space Weather Outlook

Issued October 14 – For the period October 14-November 9, 2013

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

Solar activity is expected to be at low levels with a chance for isolated moderate level events through the forecast period.

There is a slight chance of proton events at geosynchronous orbit during the first week of the forecast period as Regions 1861 and 1865 move into more favorable positions in the western hemisphere.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to reach high levels until 20 October in response to recurrent coronal hole high speed streams. The remainder of the period is expected to see moderate to low flux levels.

Geomagnetic field activity is expected to be at unsettled to active levels on 15-17 October with a slight chance for minor storm periods. This elevated activity is expected in response to coronal mass ejections that occurred on 11 and 13 October coupled with the effects from a positive polarity coronal hole high speed stream. Unsettled to active levels are also expected on 24 October in response to a coronal hole high speed stream. The remainder of the forecast period should be mostly quiet in the absence of any more transient solar wind features.



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