

DX News

Serving DX'ers since 1933



Volume 81, No. 29 • August 11, 2014 • (ISSN 0737-1639)

Inside this issue . . .

- | | | |
|-------------------------------|--------------------------------|---------------------------------|
| 2 ... AM Switch | 9 ... Domestic DX Digest East | 17 ... Confirmed DXer |
| 5 ... DX Time Machine | 11 ... International DX Digest | 17 ... Space Weather Forecast |
| 6 ... Domestic DX Digest West | 14 ... Tucson Radio | 18 ... Geomagnetic Indices |
| 8 ... Musings of the Members | 15 ... DX Toolbox | 19 ... Milwaukee FM Translators |

From the Publisher: The Board has given final approval to our new 20-issue schedule for *DX News*. The goal is to maintain the same level of DX news, but with more pages each issue ... printing and postage are expensive, and we really need 24 pages an issue to make the economics work. As we start to move into the DX season, please keep our deadlines in mind and make sure to send your tips and news to the appropriate column editors.

VOL. 81-82 DX NEWS SCHEDULE

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

NRC Log 35th Edition Pre-Order: The Club is now accepting preorders for the 35th Edition of the *AM Radio Log*. The NRC's *AM Radio Log* is a source for information on AM radio stations in the United States and Canada. As always, this edition is in an 8-1/2" x 11", 3-hole punched, U.S. loose leaf format. This publication fits nicely into a one-inch, three-ring binder. Additional references include call letters of FM simulcasts with the AM Stations listing, listings of regional groups of stations in the groups section (a separate section of the *Log*), a cross reference of those stations that are licensed to use IBOC (In Band On Channel) digital audio, and a comprehensive list of FM translators that are now simulcasting with AM broadcasters.

Order by snail mail by check or money order in US funds to National Radio Club, P.O. Box 473251, Aurora, CO 80047-3251 or order using your Pay Pal account at www.nrcdxas.org. We ship towards the end of August.

Member USA – \$22.95 (Media Rate)
Member USA – \$26.80 (Priority Mail)
Non-Member USA – \$28.95 (Media Rate)

Non-Member USA – \$32.80 (Priority Mail)
Canada (Member/Non-Member) – US\$36.00
Outside US/Canada (Member/Non) – US\$40.00

DX Test Coordinator: Brandon Jordan is our new DX Test coordinator, for both NRC and IRCA. He can be reached at P.O. Box 338, Rossville TN 38066, (901) 592-9847, and bdjorda@gmail.com. Brandon has set up a web site at <http://dxtests.net/> for the latest test info. Please contact him if you are interested in helping arrange DX Tests for the upcoming season, or just to welcome him on board!

Convention: As no one has stepped forward to host a convention, we won't be having an NRC convention this year. Proposals for hosting a 2015 convention should go to Ernie Wesolowski at neerniew@yahoo.com as soon as possible

In the meantime, NRC members are welcome at this year's IRCA convention, to be held in Billings, MT on September 19-20. The convention will be held at the Lexington Inn & Suites by Vantage, located at 3040 King Avenue West. IRCA, NRC,

and WTFDA members are eligible for the \$35 members' registration fee – by check to John C.



Johnson, 2922 S. Olivewood, Mesa AZ 85212-2923 or by PayPal (add \$1) using the address john@johninmontana.com. Hotel rooms are \$95 per night, plus taxes and fees; call (406) 294-9090 or (877) 488-4649 and mention IRCA; rooms available for a limited time. Questions? Contact John Johnson at john@johninmontana.com.

And don't forget the annual Madison-Milwaukee Get-Together for DXers and Radio Enthusiasts will be held in Madison, WI on Saturday, August 16, beginning at 1 p.m. CDT. The hosts this year will be Bill and Nina Dvorak. For more information, please e-mail Bill at dxerak@gmail.com (please include "Madison DX GTG" in the subject line), write him (3358 Ridgeway Ave. Madison WI 53704), or if you prefer call (608) 244-5497.

AM Switch



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

E-DXN subscribers: Don't forget to check the "AM Switch" folder on e-DXN where we post the week's FCC news on Friday night or Saturday morning each weekend that DX News is not published. The prior folder was deleted in July during a cleanup of the e-DXN site, but the folder is back and will contain weekly updates as we move forward with our new publication schedule.

FCC information is based on monitoring of the FCC website (including the AM Query output and CDBS changes); Canada updates are via Shawn Axelrod and Dan Sys. All information received through Friday, August 1 is included in this issue.

We have no NRC *AM Log* updates this issue, as Wayne has been busy with the new edition of the *Log* – and we'd fill a whole issue with all the changes he and his team are making. So you'll just need to get your copy of the *Log*! See the front page for pre-order information, and send any updates to Wayne Heinen (amradiolog@nrcdxas.org).

CALL CHANGES

- 870 WSVZ IL **Shelbyville (CP to Assumption)** – Silent station, call change to WTIM. (7/22)
- 900 WUAM NY **Watervliet** – Call change to WABY. (7/3)
- 930 WBCK MI **Battle Creek** – Call change to WTOU. (7/1)
- 970 KFTA ID **Rupert** – Call change to KZNO. (8/1).
- 1170 KJOC IA **Davenport** – Call change to KBOB. (7/1)
- 1250 WKDL VA **Warrenton** – Call change to WRCW. (7/23)
- 1350 KWMO MO **Washington** – Call change to KRAP. (7/28)
- 1450 WWNT AL **Dothan** – Call change to WDYG. (7/4)
- 1600 KLGA IA **Algona** – Call change to KLGZ. (7/15)



NEW STATION WATCH

First, some news on the 640 kHz CP, formerly at Terre Haute IN, which (as *DX News* readers know) was recently granted a move to Peotone IL (south of Chicago). The Peotone CP expired on July 29, and would have required the licensee to take its co-owned WMFN-640 Zeeland MI off the air. With the July 29 deadline approaching, the licensee has filed a CP application for WMFN to move it to Peotone, with the same U4 4500/1200 facilities as in the new station CP, which it would surrender. The final result, if granted, would be no different from what is contained in the CP – a station operating at Peotone, and no more station in Zeeland.

So why the application? It's a clever move to try to get around the hard 3-year deadline for building a new station CP, as you can't apply for a replacement new station CP until the next auction window (whenever that will be), while CPs to modify existing stations can be requested at any time. We'll see if the FCC buys the approach.

CP built, moving towards licensing:

- 890 KDPP CA **Olivehurst** – New station CP granted program test authority (U4 10000/480).

Change to outstanding CP granted:

- 1240 KEWE HI **Kahului** – Granted modified CP here with U1 5000/5000, diplexed with KAOI-1110; CP had originally been granted as U1 5000/210 on 1250 kHz.



Full applications for new station filed after winning auction:

- 1130 APP NE **Ravenna** – Application specifies U7 11000/600 (ch 6000) at 40-54-15/98-37-50.
- 1490 APP MT **Bozeman** – Application specifies U1 1000/900 at 45-40-54/111-02-18.
- 1500 APP CA **Culver City** – Application specifies U4 1000/2000 from five towers at 34-05-05/118-12-10; one tower used to be used by KEIB-1150, the other four will be new.

Amendment to pending application:

- 1540 APP NV **Enterprise** – Pending application for U4 30000/400, amends application to U4 10000/270 (ch 3700), would be diplexed with KNIH-970.

CPs expired and deleted:

- 1120 WBUR FL **Coral Springs** – CP for new station (U7 9500/1100, ch 6700), expired, deleted.
- 1210 CP IN **Osceola** – CP for new station (U4 2500/219) expired and deleted.
- 1230 KRAM UT **Beaver** – CP for new station (U1 1000/1000) expired and deleted.
- 1330 CP AZ **Prescott Valley** – CP for new station (U4 800/250), expired and deleted.
- 1370 KPWL WA **Newport** – Long-expired CP finally deleted from FCC database.

Applications for new stations dismissed:

- 1590 APP NV **Spring Valley** – Application for new station with U2 6500/250 dismissed.
 1590 APP WY **Cheyenne** – Application for new station with U4 1000/1000 dismissed.

STATIONS GOING DARK

- 1260 WTJH GA **East Point** – License cancelled 7/25; station has been silent since 2009 except for brief unauthorized operation from a nonlicensed site without STA.
 1450 WATZ MI **Alpena** – License cancelled 7/7 at licensee's request.

CONSTRUCTION PERMITS (CPS) FOR EXISTING STATIONS

CPS to change facilities of existing stations on the air:

- 920 KIHM NV **Reno** – CP for U2 4800/850, new site, is on the air.
 1170 WGMP AL **Montgomery** – CP for U4 10000/4 is on the air.
 1490 KWOK WA **Aberdeen** – CP for U1 1000/760, new site, ex-CoL of Hoquiam WA, on the air.
 1580 KNIM MO **Maryville** – CP for U1 480/10 from a new site is on the air.
 1590 WGYA PR **Guyama** – CP for new site (17-57-13/66-06-51) is on the air, still U1 1000/1000.
 1690 WMLB GA **Avondale Estates** – CP for new site is on the air.



CPS built, nearing licensing:

- 550 WAYR FL **Orange Park** – Applies for program test authority for CP to U4 5000/500, CoL to Fleming Island FL.
 1230 KZYM MO **Joplin** – Applies for license to cover CP for U1 560/600, new site.
 1230 KSGG NV **Reno** – Applies for license to cover CP for U1 1000/1000, new site.
 1330 WEBY FL **Milton** – Granted program test authority for CP to adjust day pattern.
 1510 WJKN MI **Jackson** – Applies for license to cover CP for D1 380, new site.
 1590 WCGO IL **Evanston** – Applies for license to cover CP for U2 to 10000/2500.

Change to outstanding CP granted:

- 1580 KGAL OR **Lebanon** – Had CP for U4 7500/1000, granted modification to U2 5000/1000.

New applications for CP granted:

- 970 KNWZ CA **Coachella** – Granted CP for U4 5000/430.
 1280 WMXB AL **Tuscaloosa** – Granted CP for U1 5000/35.
 1450 KQTE CA **Helendale** – Granted CP for U1 1000/1000.
 1490 KWOK WA **Aberdeen** – Applies for U1 1000/1000.
 1570 KVTM SD **Vermillion** – Granted CP for U1 500/53, new site.



New applications for CP filed:

- 710 WAQI FL **Miami** – Applies for U4 50000/6300, diplexing with WQBA-1140.
 980 KMBZ MO **Kansas City** – Applies for U2 9000/5000, moving to KCCV-760 towers.
 1080 WHOO FL **Kissimmee** – Applies for U7 50000/1000 (ch 25000), CoL to Winter Park FL, site at 28-34-18/81-26-02, change authorized through Auction 84.
 1090 KQNM NM **Milan** – Applies for D1 900 on 1080 kHz, moving to Sandia Pueblo NM (35-11-00/106-36-50). Sandia Pueblo is a Native American reservation about 20 miles north of Albuquerque along I-25, while Milan is about 70 miles west of Albuquerque along I-40.
 1260 WGVM MS **Greenville** – Applies for U1 1000/32, existing site.
 1260 KLGO TX **Elgin** – Applies for U1 1000/200, moving night site only to KTAE-1490 tower.
 1300 WRKR NY **Spring Valley** – Files full application for U1 10000/1000 on 1700 kHz, CoL to Ramapo NY, tower at 41-05-46/74-00-17 after winning Auction 84 bid.
 1560 WPAD KY **Paducah** – Applies for U1 1000/35, using one of the existing four towers.
 1590 WALG GA **Albany** – Applies for U1 2500/45, from a new tower at existing site.
 1660 KWOD MO **Kansas City** – Applies to move to KCNW-1380 tower, staying U1 10000/1000.

Amendments to pending applications for CP:

- 970 KNWZ CA **Coachella** – Has application for U4 5000/430, amends application to U4 5000/360.
 1170 WDEK SC **Lexington** – Had applied for D1 10000 (ch 3400) from a new site, now changes that to D1 10000 (ch 3300).

CP expired, unbuilt:

- 1430 WRDN WI **Durand** – CP for new site, expired and deleted.

Application for CP dismissed:

- 1320 KSDT CA **Hemet** – Application for U4 550/950, CoL to Redlands CA, dismissed.

SPECIAL TEMPORARY AUTHORITY (STA)

- 600 KSJB ND **Jamestown** – Applies for STA with U1 1250/500 from adjacent KSJZ (FM) tower, while AM towers are rebuilt.

- 600 **KTBB TX Tyler** – Granted STA for U1 1350/625, tree damaged coax to towers.
 620 **WZON ME Bangor** – Granted STA with U2 5000/500, underground cable failure.
 1010 **KIHU UT Tooele** – Granted STA for pattern at variance.
 1110 **WOMN LA Franklinton** – Granted STA with D1 145 (1110 kHz) from the CP site so silent station doesn't lose license before the CP (which is to 1100) is finished.
 1150 **KEIB CA Los Angeles** – Granted STA with U2 12500/44000, operating ND occasionally during the day to allow for tower painting.
 1220 **WSRQ FL Sarasota** – Granted STA with D1 150 from a temporary site.
 1280 **WBIG IL Aurora** – Granted STA for parameters at variance.
 1280 **WADO NY New York** – Granted STA with U1 12500/1800 during replacement of a tower.
 1340 **WYCK PA Plains** – Granted STA with U1 480/480, antenna radials need repair.
 1390 **WZHF VA Arlington** – Granted STA with U1 250/37 from WJFK-1580 tower, where it has a CP; will lose current site July 28.
 1410 **WDOE NY Dunkirk** – Granted STA with U1 1000/31.
 1450 **WTOD SC Hartsville** – Granted, then dismissed, STA with U1 10/10 from temporary longwire antenna.
 1500 **WPJX IL Zion** – Granted STA with U1 65/2, weather damage to towers.
 1560 **WPAD KY Paducah** – Granted STA with U3 1000/1000 using "special hours" pattern (LSS to LSS Bakersfield CA) 24 hours a day; pattern problems.
 1600 **KAHZ CA Pomona** – Granted STA with U1 5000/322, transmission line failure.

Applications to extend existing STAs were received from WWCS-540 Canonsburg PA ("minor variance"); WTBN-570 Pinellas Park FL (U4 5000/10000 to overcome Cuban QRM); WWNC-570 Asheville NC (U1 5000/1250); WKAQ-580 San Juan PR (U1 10000/4500 to accommodate "temporary" WIPR-940 diplex, which has been in place since Hurricane George in 1998); WARM-590 Scranton PA (parameters at variance); WIOD-610 Miami FL (U4 10000/10000 to overcome Cuban QRM); WSGW-790 Saginaw MI (parameters at variance); KARN-920 Little Rock AR (U1 5000/1250); WELI-960 (pattern at variance); KUFO-970 Portland OR (parameters at variance); WHBO-1040 Pinellas Park FL (U1 3600/105 from WWBA-820 tower); KAAY-1090 Little Rock AR (U1 50000/10000 after copper theft); WGDL-1200 Lares PR (U1 1000/1000, has been using since 1991 since Dominican Republic left 1200 awaiting formal IFRB recognition); WSUA-1260 Miami FL (parameters at variance); WLOB-1310 Portland ME (U3 3500/1000 using licensed day pattern); WIBA-1310 Madison WI (parameters at variance); WGVM-1330 Greenville MS (U1 1000/32 from auxiliary transmitter); KKPZ-1330 Portland OR (parameters at variance); WYRD-1330 Greenville SC (U1 5000/500); WEGA-1350 Vega Baja PR (U1 625/625); WNJC-1360 Washington Township NJ (U12 1250/200); WYOS-1360 Binghamton NY (U1 1000/100); WSPY-1440 Geneva IL (temporary site); WVEI-1440 Worcester MA (parameters at variance); KUTY-1470 Palmdale CA (U1 1250/1250); KAIR-1470 Atchison KS (U1 250/250); WKIZ-1500 Key West FL (U1 62/62); KUNX-1520 Port Hueneme CA (U1 4600/136); and WLXE-1600 Rockville MD (U1 1000/125).

Applications both received and granted since our last issue are for KVNA-600 Flagstaff AZ (temporary longwire antenna); WYLD-940 New Orleans LA (pattern at variance); WIPR-940 San Juan PR (U1 10000/2500 from WKAQ-580 site); KLTC-1460 Dickinson ND (U1 5000/1250 or parameters at variance); and WWRU-1660 Jersey City NJ (pattern as in CP).

Previously reported applications to extend existing STAs were granted to WASG-540 Daphne AL, WIOD-610 Miami FL, KNUS-710 Denver CO, KOSY-790 Texarkana AR, WEEL-850 Boston MA, KTRB-860 San Francisco CA, WRRZ-880 Clinton NC, WGFP-940 Webster MA, KCKN-1020 Roswell NM, WNVR-1030 Vernon Hills IL, WLVI-1040 Boynton Beach FL, KTLK-1130 Minneapolis MN, KGIR-1220 Cape Girardeau MO, KZYM-1230 Joplin MO, KLYC-1260 McMinnville OR, WIJD-1270 Prichard AL, KEZR-1310 Sulphur LA, and WALG-1590 Albany GA.

Previously reported application to extend existing STA were dismissed by WWVA-1170 Wheeling WV, and denied to WSRQ-1220 Sarasota FL.

SILENT STATIONS

Stations informing the FCC that they are silent:

- 930 **WTOU MI Battle Creek** – Silent 7/3 so new owners can renovate tower site.
 1090 **KQNM NM Milan** – Silent 7/7, weather damage to transmitter.
 1200 **WEMM WV Huntington** – Silent 7/12, transmitter failure.
 1240 **KNSN CA San Diego** – Silent 7/25, new owners want to make major repairs.
 1250 **WYKM WV Rupert** – Silent 7/12, transmitter failed and needs to be replaced.
 1340 **KOLE TX Port Arthur** – Silent 7/28 for repairs.
 1340 **KCRN TX San Angelo** – Silent 6/28, weather damage to transmitter.
 1400 **WJWF MS Columbus** – Silent 7/8, needs new transmitter.
 1440 **WDXQ GA Cochran** – Silent 4/15, equipment damage in lightning strike.

- 1560 WLYG AL Centre – Silent 7/4, transmitter destroyed in lightning strike.
 1560 WRSJ PR Bayamon – Silent 7/8, financial problems.
 1600 WRJE DE Dover – Silent since 1/14; tower owner didn't pay electric bill and landlord took down the STA temporary tower.

Formerly silent stations informing the FCC that they are no longer silent:

- 960 WGRO FL Lake City – Silent since 7/12/2013, back on the air 6/27.
 1040 KURS CA San Diego – Been on a while, but now removed from FCC silent list.
 1110 WOMN LA Franklinton – Silent since 7/29/2013, back on 7/29 with STA (see above).
 1130 WALQ AL Carrville – Silent since 7/19/2013, returned to the air 7/17.
 1190 KPHN MO Kansas City – Silent since 7/31/2013, on the air 7/25 with Catholic programs.
 1410 WZBR MA Dedham – Station had reported to the FCC that they went silent on 5/13, but in fact they never did ... they just operated with a 25-watt STA.
 1450 WTOD SC Hartsville – Silent since 7/15/2013, returned to the air 7/15 with STA.
 1480 WTKD AL Mobile – Silent since 8/19/2013, back on the air 7/8.
 1490 WDUR NC Durham – Silent since 8/2/2013, back on the air 7/9.
 1510 WLKR OH Norwalk – Returned to the air 5/1, FCC database getting caught up.

Silent stations briefly on the air, then silent again:

- 850 WKGE PA Johnstown – Silent since 10/1/2013, back on the air 7/18 using 30 watts while main transmitter is being tested, silent again 7/21.

COORDINATE CORRECTION

- 930 WTAD IL Quincy – CP to correct coordinates to 39-53-24/91-25-25 is on the air.
 1160 WTEL NC Red Springs – Applies to correct coordinates to 34-50-22/79-10-48.
 1350 WOYK PA York – CP to correct coordinates to 39-56-01/76-49-01 is on the air.
 1490 WDUR NC Durham – CP to correct coordinates to 35-58-04/78-53-17 and to correct antenna data is on the air; no change in actual facilities.

CANADA

- 540 CBGA-1 NB Grand Anse – Granted CP to move to 101.7 MHz at Matapedia QC.
 600 CBLV ON Bancroft – Applies to move to 99.3 MHz FM.
 740 CBUI BC New Denver – Applies to move to 102.5 MHz FM.
 810 CJVA NB Caraquet – Applies to move to 94.1 MHz FM.
 1150 CKOC ON Hamilton – Applies for CP with U4 50000/20000, having problems with night pattern and wants to simplify it.
 1280 APP ON Toronto – Application for new station with U? 100/100, community-based Ryerson University, would like call letters CJRU.
 1340 CBEU ON Temagami – Applies to move to 106.1 MHz FM.
 1350 APP ON Brampton – Application for new station with U1 450/55, NWS/TLK/ETH.

From *Radio Insight* (July 31, 2014):

As first reported July 30 by the New York Post, Cumulus has acquired the rights to CNN's content to distribute to radio stations.

The content will be distributed by WestwoodOne and allow stations to implement the content under their own branding. As an example Cumulus states that its Nash branded Country stations will run the content under the "Nash News" name.



THE DX TIME MACHINE

75 Years Ago - From the August 9, 1939 *DX News*: Harold Criswell, Spring Grove, Pa., reported that the 1938-39 DX season was the best in several years, with some of the 100-watt West Coast stations being heard "with almost unbelievable signal strength."

50 Years Ago – From the August 15, 1964 *DX News*: Ray Edge concluded his tenure as *DX News* publisher, to be succeeded by Dick

Cooper, and Pete Taylor prepared to turn IDXD over to John Callarman.

25 Years Ago – From the August 21, 1989 *DX News*: New AM stations on the air include KPUP-540 Carmel Valley CA, WWFE-670 Miami FL, WRZN-720 Hernando FL, WELX-1160 Callahan FL, KBET-1220 Santa Clarita CA, and KTFJ-1250 Dakota City NE.

10 Years Ago – From the August 16, 2004 *DX News*: A DXpedition report from the winter solstice at Wainakarua, New Zealand, included North American logs, including Bahamas-1540 and KQWB-1660.

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 complete reports, with extensive commentary, are originally published in *DX Listening Digest*.
- RD-NE** Rick Dau, South Omaha, NE. Kenwood R-5000, Quantum QX Pro loop.
- RS-UT** Ron Schiller W7SGU, St. George UT. CC Radio.
- SMA-MB** Shawn M. Axelrod, VE4DX1SMA, VEPC4SWL Winnipeg, MB. Icom ICR70/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 LOGS

- 670 KHGZ AR Glenwood – 7/15 0153 – Nulling WSCR, I immediately hear “hog call,” so KHGZ Glenwood AR, 5 kW daytimer is again on air in the nightmiddle; rather gets in the way of Cuba in same direction. **(GH-OK)**
- 690 CBU BC Vancouver – 7/5 0400-0405 – CBC hourly news, strong. **(RS-UT)**
- 750 WSB GA Atlanta – 7/20 0205 – Clear in English, for a change no sign of Spanish out of order from KAMA, but we're not concluding yet that it's permanently fixed. **(GH-OK)**
- 750 KAMA TX El Paso – 7/9 0159 – Back after absence of a couple nights, Spanish atop WSB so again out of whack. At 0202, call-in from some woman in Los Angeles. 7/25 0206 – Spanish news atop WSB again, out of whack. **(GH-OK)**
- 780 KCEG CO Fountain – 7/7 0159 – WBBM and with it nulled, country music, no doubt KCEG. But NO open carrier for a change from KSPI Stillwater OK in the opposite direction. **(GH-OK)**
- 910 KJJQ SD Volga – 6/26 0121 – Woman with weather on “The Ranch AM,” seems NNE/SSW. That unique slogan goes right to KJJQ Volga SD (Brookings), per Google search and NRC AM Log; 500/500 watts. Nothing heard in Russian. Night pattern has minor lobe SSW toward us, major to the NE. **(GH-OK)**
- 960 KNEB NE Scottsbluff – 6/27 2220 – Good under KMA with Colorado Rockies baseball // KOA-850. First new logging on AM at this QTH since early April. **(RD-NE)**
- 1010 CBR AB Calgary – 7/5 0400-0405 – Booming in with CBC hourly news. **(RS-UT)**
- 1060 KIJN TX Farwell – 7/3 0149 – Open carrier, dead air, from WSW, no doubt usual night cheater KIJN, since the carrier still makes its characteristic off-frequency fast SAH with anything else on 1060.00. That's a start; have they got religion? Now all they need to do, In Jesus' Name, is turn off the carrier, too. (What's with all the dead air tonight? Also KTOK 1000, and Radio Australia 13630). **(GH-OK)**
- 1090 KAAV AR Little Rock – 7/6 0150 – Open carrier/dead air, DF fitting KAAV AR, presumably instead of Brother Scare (Brother Stair); what a marked improvement. **(GH-OK)**
- 1110 KFAB NB Omaha – 7/5 2255 – KFAB with a 15-year or older Art Bell show as he is recounting how when stationed at Amarillo AFB, he ran a pirate broadcasting station, which even made the ratings book in the city some miles away. Most people didn't realize it was illegal. **(GH-OK)**
- 1120 KTXW TX Manor – 6/27 0118 – Woman with religious talk in English if I null KMOX, soon losing out. No KEOR OK Spanish gospel talk or praise music to be heard tonight in that position. Seems about N/S, so probably the new KTXW Manor (Austin) TX, having flipped from Spanish, authorized for 155 watts night. Another possibility would be WTWZ Clinton MS, REL/GOS per NRC AM Log, but supposed to be 10 kW daytimer only. Night pattern is supposed to have deep nulls from NW thru NE to SE, including us and KMOX **(GH-OK)**
- 1130 KLEY KS Wellington – 7/3 0206 – *When Radio Was* is starting on steady signal, loopable away from KWKH Shreveport with sports talk. Strongly suspect my closest, KLEY Wellington KS, which is supposed to run ONE watt at night vs 250 watts daytime. Program schedule is blank at the web site. *When Radio Was*

station finder does not show any 1130 in KS, MN or ND. 7/4 0850-0854+ – Open carrier/dead air; no doubt from KLEY on groundwave; finally modulating at 0930 check. Its 250 watts make for sufficient reception in Enid, 107 km = 66 miles. 7/5 0103 – SRN News, 0105 no ID and into gospel. Fits for direction of KLEY; there being no problem from KWKH. NRC AM Log 2013 does not list SRN for KLEY nor a totally religious format, however. Don't find any other likely 1130s with SRN either. SRN stands for Salem Radio Network, informally "slanted radio news" with its far-right religious agenda. Wasn't it originally "Satellite Radio News"? 7/6 – Once again I have missed the ToH ID for KLEY, running 250 instead of one watt at night, already in SRN News. Then the hour is filled by *Restaurant Radio* with guest someone who has a show on cable TV's Food Network; 0157 UT finishing with ad/plug for a taranto.com (?) restaurant in Chicago. 0159 ad for CardGuard, and this time I stay tuned and awake for the next ToH ID at 0200 which is: "The new Radio 11-30, KLEY-AM, Wellington" plus singing ID of call letters, into more slanted radio news. **(GH-OK)**

1140 KCXL MO **Liberty** – 7/13 0756 – Sax music, outro as *All That Jazz* show, I think from KCXL, same one with 0758 UT weather, 0759 female English ID as "KCXL, Liberty, 1140 AM and 102.9 FM." However, it was interrupted at 0757 by Mexican music in volatile post-sunrise skip, no doubt KLTK Centerton AR. Sunday morning ghetto allows commercial stations to do something different of possible minority interest. **(GH-OK)**

1170 KBOB IA **Davenport** – 7/9 2358 – Fair signals alone on the frequency with ESPN sports programming and full ID as "1170 KBOB Davenport Quad Cities" on the top of the hour. New call sign, ex KJOC. **(SMA-MB)**

1210 KGYN OK **Guymon** – 7/31 0140 – Good signal with country music, no doubt KGYN Guymon out of whack again on day pattern, failing to protect Philadelphia. When properly on night pattern, it's barely audible here. Also noticed this the past couple of nights. **(GH-OK)**

1220 WSLM IN **Salem** – 6/27 0116 – "WSLM, 97.9 FM with Kentuckiana weather" from Accuweather, back to C&W music. This station has been cheating for months, obviously with 5 kW day power instead of 82 watts night. This gives it a great advantage over numerous other 1220 stations from Ohio to Kansas to Texas to Georgia, or beyond, which are allowed only low power at night to protect Cleveland, which itself has a tight null westward. In case

WSLM RADIO
97.9 FM - 1220 AM
wslmradio.com

WSLM is still observing its legal pattern, it's a figure-8 slightly clockwise from east/west. **(GH-OK)**

1230 WBBZ OK **Ponca City** – 7/4 0829 – Reporting a large power outage on the east side of PC, unknown cause but can't be weather; threatening people on oxygen. Utility no doubt working on restoring, but may be slower due to holiday. **(GH-OK)**

1250 KYYS KS **Kansas City** – 7/4 0856 – Spanish skywave still in from ex-WREN Topeka, i.e. "La Equis 12-50, La Súper-Estación," 25 kW day power. Hi local noise level on SW bands encourages me to MW DX more. **(GH-OK)**

1330 KCKM TX **Monahans** – 7/24 2148 – Sunset skip is hopping, as I tune across, "You'll hear it all on the oil field station, KCKM," of the recent DX test, but volatile propagation immediately replaces it with KNSS in Wichita. **(GH-OK)**

1370 KXTL MT **Butte** – 7/5 0410 – Local weather. **(RS-UT)**

1440 KTNO TX **University Park** – 7/4 0836, 0844, 0857 – Open carrier/dead air from NNW/SSE, doubtless 50 kW KTNO University Park TX (The Metroplex), supposed to be Spanish religion. Not the first time heard doing this, failing to save how many souls as a result? **(GH-OK)**

1520 KYND TX **Cypress** – 7/13 0803 – Distinctive voice of CRI newscaster in English can be heard mixing with KOKC, making slow SAH; KYND is the ChiCom (Editor: Chinese Communists) state access to Houstonians with ordinary radios, bleeding over past Oklahoma City. **(GH-OK)**

1600 KRVA TX **Cockrell Hill** – 7/6 0816 – Tune-by ID in English for KRVA Cockrell Hill-Dallas, and right back to Vietnamese. Thank you very much. I don't think I've ever heard the English slogan "Radio Saigon" as listed in NRC Log. **(GH-OK)**

1640 WTNI MS **Biloxi** – 7/31 0059 – KZLS is still in dead air as for the last few hours, as noted at 0128 and 0310 (is no one paying attention at the station? May require a trip out to the remote Hennessey transmitter site). With its open carrier nulled, I

hear ESPN Radio, and an ID for WTNI Biloxi MS, following IDs for two or three FM stations. **(GH-OK)**

1640 KZLS OK Enid – 7/15 2245 – KZLS is again playing country music, no doubt sibling simulcast from KNAH 99.7 Mustang, instead of talk, its major format; recheck July 6 at 0817, its third format is dead air with hum. **(GH-OK)**

1680 KGED CA Fresno – 7/29 0203 – Very weak signal from WNW/ESE with SRN news, fast SAH with another weakie from another angle; 0205 ID sounds like KGEZ, hymn? and into talk show. Must be KGED Fresno CA. Since the demise of KRJO Monroe LA, have been seeking DX on this frequency more or less open here. NRC AM Log shows only KGED is with SRN, conservative talk format, 10/1 kW ND. **(GH-OK)**

UNID

530 UNID -- 7/4 2254 – Even when I am much closer to Vance AFB for the fireworks, “K530AM” is quite weak on the portable. Must be running much less than the nominal 10 watts now, and probably no longer reaching the outskirts of OKC. Still with inane loops of PSAs about car seats for kids, what to do when a hurricane hits here (?! Not likely until sea level is 1200 feet higher). **(GH-OK)**

890 UNID -- 7/5 0420 – Spanish speaker under local KDXU. **(RS-UT)**

1680 UNID -- 7/6 0145 – With KRJO Monroe LA off the air for financial reasons, I ought to hear some of the five other US X-banders; there are two very weak signals, one with talk from NE/SW, making a fast SAH, perhaps WPRR, Public Reality Radio in Ada MI, if not the closer but weaker TIS stations in IA that KAZ has been hearing from IL. **(GH-OK)** See KGED logging above. **(JDT-WA)**

One more issue, then volume 81 will be complete. Hope you can spend some time during the rest of the summer fixing antennas, reviewing your DX records and recordings, and generally getting ready for the upcoming DX season.

Thanks to all of this edition’s contributors. See you next time. Happy summer to all. **(JDT-WA)**

Musings of the Members

Dave Schmidt NRCMusings@aol.com
55 N. Main Street
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.

Art Burke – Leesburg, FL aburkefl@gmail.com

For the umpteenth time I dug out my data concerning PSRAs, Sunrise DX, etc., and attempted to reconcile the “old days” with the new. To wit: instead of the old days with a tape recorder (or two) running so band scans could be constantly captured, we now have the capability of running multiple recorders – or at least the equivalent.

A couple of years ago I invested in a software design radio (designed?) and discovered disappointment that it would only cover 192 kHz in a single “pass.” Ultimately, I ended up owning one (Excalibur) that will capture the entire broadcast band. I’m still learning how to utilize it to the best advantage. Memory and storage have gotten so inexpensive it’s become seemingly ridiculous. The other day I purchased a 1 TB drive for well under \$100. It’s supported by USB 3.0 so the data transfer is quite fast. Even allowing approximately 1 GB per minute when recording the entire band, things like a “snippet” of three or four minutes at the top of the hour – one can capture a huge chunk of data for later perusal – like after I’ve had my power nap!

Obviously, once the data is collected, one still has to listen. Fortunately, one can listen in a manner unheard of years ago with only tape recordings. I would love to start some kind of discussion (or exchange of emails) to learn more about how to efficiently utilize an SDR for AM DXing.

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

- 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, Wellbrook ALA-1530S+ Imperium Loop.
- TLK-FL** Terry Krueger, Clearwater – NRD-515, NRD-535, IC-R75, roof dipole, active loop
- PS-ON** Paul Snider, Welland – ICOM R75, Pixel RF Pro-1B Loop, MFJ-1020C tuner
- JW-PA** Jim Weber, Lancaster – Grundig S350

No loggings from (MKB-ON), but thanks to the above reporters who didn't shut down their DXing until September, I have a fairly good off-season DDxD-East.

Follow me on Twitter! @patria1818 DX-related tweets will be hash-tagged #MWDX.

Friend me on Facebook! www.facebook.com/keval.mike

TIS/HAR

- 1630 WQSS938 MA Westford** – 7/20 2200 – Fair; "You're listening to WQSS938 operating on 1630 AM from Westford." (BC-NH)

UNID

- 1540 unID --** - 7/21 0000 – Over/under KXEL; ESPN Radio, sounded like dead air on the hour. Maybe WWGK testing? (BC-NH)

LOGGINGS

- 610 WVBE VA Roanoke** – 6/26 2032 – In WXVA, WTVN and CBS Sports Radio (probably WIP) mix with male "Number 1 for R&B 'The Vibe' 100.1 and 97.7" slogan. (KK-VA)
- 670 WIEZ PA Lewistown** – 7/6 1959 – In WSCR and UNID SS mix with male "WIEZ Lewistown, Huntingdon, State College AM 6-70" ID into ABC news. (KK-VA)
- 680 WINR NY Binghamton** – 7/6 2033 – In WCBM/WPTF/WKAZ mix with "... coming up tomorrow on oldies 96.9" FM // station promo. (KK-VA)
- WKAZ WV Charleston** – 7/6 2055 – In WCBM/WPTF/WINR mix with "American Top 40" show from 1974, male "WKAZ AM 6-80 Charleston and ..." ID. (KK-VA)
- 690 WELD WV Fisher** – 7/6 1959 – In WZAP/CKGM mix with male "This is your local station WELD. The 'Voice of the Potomac Highlands' 6-90 AM Fisher West Virginia" ToH ID. (KK-VA)
- 710 WFNR VA Blacksburg** – 7/11 2042* – In WOR and UNID SS mix with sign-off: "We now conclude our broadcast day...7-10 WFNR Blacksburg" into SSB. New station for me. (KK-VA)
- 720 WHYF PA Shiremanstown** – 7/11 2000 – Un WGCR, WGN and UNID SS mix with EWTN programming, male "this is AM 7-20 WHYF" ToH ID. (KK-VA)
- 740 WMBG VA Williamsburg** – 7/11 2006 – In WRNR/CFZM mix with female "You're listening to WMBG AM 7-40 Williamsburg radio station playing great music for yours [sic]" station promo. (KK-VA)
- 770 WYRV VA Cedar Bluff** – 7/20 2000 – In WABC mix oldies, male "...WYRV radio" ToH ID. "This is AM seventy seven WYRV...your way, your radio" station promo at 2013. New station for me. (KK-VA)
- 790 WAEB PA Allentown** – 7/20 2005 – On multi-station mix (WPIC, WNIS, WVCD, UNID SS and C&W) with male "Here with exclusive accu-weather forecast on WAEB" (KK-VA)
- WPIC PA Sharon** – 7/20 2059 – In multi-station mix with male "You're tuned to news talk 7-90 WPIC" ID. (KK-VA)
- WVCD SC Bamberg-Denmark** – 7/20 2110 – In multi-station mix with gospel singing, male "'Dad, Dad' (was the title of the preceding song) right here on WVCD." (KK-VA)

- 800 WDSC SC **Dillon** – 7/25 2034 – In multi-station mix (WSVS, CKLW, UNID oldies and SS) with male "This is WDSC your sports connection. AM ... right here everyday. We are your sports connection WDSC" ID and station promo. New station for me. **(KK-VA)**
- 820 WNTW VA **Chester** – 7/25 2033 – In WWFD/WVSG mix promo: "If you have a business and need office space WNTW would love to have you as our neighbor. We have office space available at 4312 Old ... Road in ... Chester next to our offices and studio. This building is located just 3 miles from I-95 and route 1 or Jefferson Davis Highway ..." into Mark Levin Show. "There are many, many questions. Get the answer AM 8-20 WNTW Chester" ID at 2059 into SRN news, followed by Steve Deace Show. **(KK-VA)**
- 880 WRFD OH **Columbus-Worthington** – 7/17 2100* – "Life changing radio, AM 8-80 WRFD Columbus-Worthington" slogan, sign-off announcement and open carrier on for another 1:36. Mainly over WCBS. After s/off, left WCBS, UNID Fox News Radio (WMEQ?) and weak SS; no sign of KRVN. **(HF-MI)**
- 940 WKYK NC **Burnsville** – 7/20 0435 – In briefly and weakly with "940 WKYK" ID in the midst of mostly WMIX-Mount Vernon, IL. **(JW-PA)**
- 1070 WNVY FL **Cantonment** – 7/5 0626 – End of canned gospel show, redneck female local weather, station URL, "You can always here ... on WNVY AM 1070 ..." into another canned gospel program. **(TLK-FL)**
- KHMO MO **Hannibal** – 7/29 0125 – Presumed fighting UNID rocker (likely CHOK) with Wounded Warriors USO PSA and ad for Cardinals baseball, then into interview show (America Tonight, I think). After 0130, rocker disappeared leaving KHMO dominant, but with fades to zilch. **(HF-MI)**
- 1150 WIMA OH **Lima** – 7/30 0400 – Fair; "Start your day ... on Newsradio 1150 WIMA Lima," and Fox news. **(BC-NH)**
- 1170 WCXN NC **Claremont** – 7/31 0401 – Under WWVA; Poder slogans, Mexican music. **(BC-NH)**
- 1240 WGBB NY **Freeport** – 8/1 0000 – Fair; "This is WGBB, AM 1240, Long Island, New York," into Chinese program. **(BC-NH)**
- 1450 WKIP NY **Poughkeepsie** – 7/26 0400 – Fair; canned ID with mention of Hudson Valley, "This is Newsradio 1450 WKIP Poughkeepsie," into Fox news. **(BC-NH)**
- 1480 WCFR VT **Springfield** – 7/31 2224 – Oldies music, PSA for fire safety sponsored by the Springfield FD and WCFR, second clear "WCFR" ID immediately after, into "True Blue" by Madonna and then "Turn the Beat Around" by Vicki Sue Robinson. Mostly under WHBC, but occasionally on top with fair strength. **(PS-ON)**
- 1490 WGCH CT **Greenwich** – 7/30 0400 – Fair; "Celebrating 50 years of service to the community, this is 1490 WGCH Greenwich," and ABC News Now. **(BC-NH)**
- WKVT VT **Brattleboro** – 7/26 2200 – Briefly atop; "100.3 FM, AM 1490 WKVT ..." and CBS news. 100.3 FM is W262CL. **(BC-NH)**
- WIKE VT **Newport** – 7/31 2200 – Over/under WUVR; "New country and your all-time favorites ... Northeast Kingdom, 1490 WIKE Newport." New log. **(BC-NH)**
- 1540 KXEL IA **Waterloo** – 7/26 0400 – Over CHIN; "Employee owned, locally programmed, News/Talk 1540 KXEL Waterloo-Cedar Falls, a Woodward station. **(BC-NH)**
- 1550 WKBA VA **Vinton** – 7/31 2158 – Religious talk, WKBA ID, safety PSA concerning child car seats, very clear ID at 2258: "You are listening to the ministry station WKBA Vinton, Virginia ...," into more religious programming. Fair to very poor fighting with CBEF. According to FCC database (and the NRC *AM Radio Log*) WKBA is supposed to be 10 kW daytime, way past sunset here. Still on after 2200. **(PS-ON)**
- +++ - 7/30 0400 – Over CBEF; "You're listening to the ministry station, WKBA Vinton-Roanoke, WKPA Lynchburg, and FM 106.7 W294BO (announced as 'W294B-Zero') Concord, and worldwide wkbaradio.com, and on your smart phone at TuneIn." **(BC-NH)**
- 1570 WQTW PA **Latrobe** – 7/27 2245 – Lots of 50's & 60's oldies, many 103.9 ID's (// WLSW 103.9 Scottsdale PA), finally heard "WQTW" ID by male announcer at 2300, into more music. Very poor to fair at times with lots of lightning static. **(PS-ON)**
- 1640 WSJP WI **Sussex** – 7/21 0000 – Fair; "Talk radio for a Catholic life... WSJP Sussex, WSJP-FM Milwaukee, Relevant Radio 1640 AM and 100.1 FM... Milwaukee's very own Relevant Radio WSJP," ex-WKSH. **(BC-NH)**

International DX Digest

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

Pan-American DX

- 530 **CUBA** *R.Enciclopedia*, La Habana-Villa María JUL 6 0100 – Jazz followed by woman in Spanish with "Radio Enciclopedia" ID; fair. [Connelly-MA]
- 580 **PUERTO RICO** WKAQ San Juan JUL 6 0100 – WKAQ ID's parallel 600 WYEL; over WTAG. [Connelly-MA]
- 590 **MEXICO** XEPH *Sabrosita 590*, México DF JUL 26 1050 – Excellent with Mexi-tune, female canned "Sabrosita 590, la más caliente" into long ad string. *R.Musical Nacional* Cuba nulled. [Krueger-FL]
- 600 **NICARAGUA** *La Nueva Radio Ya*, Managua JUL 26 1041 – Very good with animated radio serial dialog between man and woman, mentions of Nicaragua and one who had a "pistola" – such violence so early in the day! Growing WBOB Jacksonville co-channel. [Krueger-FL]
- 600 **PUERTO RICO** WYEL Mayagüez JUL 6 0100 – WKAQ net ID's parallel 580; good, way over Cuba. [Connelly-MA]
- 630 **CUBA** *R.Progreso*, Camagüey JUL 7 0100 – Parallel (wobbly) 640 with pop vocal, Progreso ID; mixed with WPRO. [Connelly-MA]
- 650 **COLOMBIA** HJKH *RCN Antena Dos*, Bogotá JUN 24 0201 – Antena Dos ID; over Cuba and WSRO. JUL 6 0058 – RCN ID; over *R.Progreso* Cuba. [Connelly-MA]
- 650 **MEXICO** unID JUL 5 1038 – Long ad string with pesos, mention of "Ciudad... Mexicana..." into Mexi-tune, signal lost. [Krueger-FL]
- 660 **CUBA** *R.Progreso*, Jovellanos JUL 7 0100 – Parallel 630, 640, 650, 690, 750, 900 with pop vocal, Progreso ID; under WFAN. [Connelly-MA]
- 670 **CUBA** *R.Rebelde*, multiple sites JUL 25 0601:50 – 2+1 chime time signal just as I have nulled WSCR to check for KHGZ, so *R.Rebelde* proves that Cuba is way behind the times in more ways than one. Isn't anyone paying attention to *R.Relej?* [Hauser-OK] JUL 27 1700-1805 – Noticiero Nacional de Radio running way long, past usual 1730 (1330 local) conclusion, mostly with post-Julio 26 (failed 1953 Moncada Barracks attacks anniversary) celebratory items. Ran the full NNdR theme song from 1756, which I've never heard not truncated. Is there a title and artist, or is it just an in-house produced theme customized for NNdR? Into Panorama Deportivo from 1801 with soccer and baseball highlights. [Krueger-FL]
- 690 **BRAZIL** ZYH587 *R.Shalom*, Fortaleza JUL 7 0100 – Portuguese male preacher; slightly under Cuba. [Connelly-MA]
- 690 **COLOMBIA** HJCZ *W Radio*, Bogotá JUN 24 0200 – Spanish talk "W Radio... de Colombia"; slightly over Cuba, Brazil, others. [Connelly-MA]
- 690 **MEXICO** XEN *La 69*, México DF JUL 5 1034 – Two guys with Mexican political discussion. Very good over *R.Rebelde* and something domestic. [Krueger-FL]
- 700 **BRAZIL** ZYK686 *R.Estado*, São Paulo JUN 24 0201 – Most likely this with man in Portuguese; mixed with Colombia. [Connelly-MA]
- 700 **COLOMBIA** HJCX *W Radio*, Cali JUN 24 0202 – Over Brazil with jingles and announcements for a combined Colpatria and *W Radio* credit card. Thanks to Henrik Klemetz on RealDX Yahoogroup for ID help. [Connelly-MA]
- 710 **MEXICO** XEDP *La Ranchera de Cuauhtémoc*, Chihuahua, Chih. JUL 8 0601 – Off-frequency het to the low side of KCMO. The pitch is hard to pin down on my keyboard, but tentatively circa F#3 below Middle C, which is 185 Hz. Choral Mexican national anthem is playing, which means it's in the UTC-6 zone, fitting for the west/southwest DF. 0605 multiverse anthem finally ends, and on to "Soy Soldado" super-patriotic, ultra-military recitation; 0608 Chihuahua state anthem, now overcoming KCMO even with AM tuning rather than LSB. When last heard some months ago was not audibly off-frequency. JUL 9 0554 – Mexican anthem is ending, fanfare and into 'Soy Soldado' recitation, 0558 Chihuahua state anthem, the same routine as last night but now 10 minutes earlier. Tonight it's not off-frequency, but within subaudible-het range of KCMO. I think it has jumped off and on frequency before. JUL 12 0501 – Off-frequency again, making a LAH with KCMO. My keyboard barely reaches it at the low end, circa F below middle-C, or 175 Hz, vis-à-vis more like F# of 185 Hz the last time I checked, i.e. now 709.825 kHz or so. In cases like this, one wonders if station be alternating two different transmitters. JUL 16 0545 – Tell-tale het

again from XEDP, which jumps on and off frequency from one night to the next. JUL 17 0548 – Off-frequency again, hetting 710 KCMO. JUL 23 0557 – No het but some Spanish in the mix, not off-frequency tonight. JUL 24 0558 – Mexican music is dominant signal and off-frequency again making het with KCMO, KGNC or whatever on 710.0 kHz. Not until 0605 is there a full ID claiming 5 kW on AM; and also an FM frequency, street address, "La Ranchera de Cuauhtémoc," and finally 0606 into national anthem. There is wide variation in timing of their midnight festivities. JUL 25 0603 – Mexican national anthem is playing underneath U.S. station, making only a SAH, not a LAH, so XEDP is not off-frequency tonight. U.S. station mentions an AC 913, something in Overland Park, so it's KCMO. [Hauser-OK]

- 710 **MEXICO** unID JUL 26 1053 – Mexi-tune, very weak. JUL 27 1058 – Anthem. [Krueger-FL]
- 720 **NICARAGUA** *R.Católica*, Managua JUN 29 1019 – Nica-tunes, quick live ID and into homily already in progress at 1032, choir singing. Excellent. [Krueger-FL]
- 730 unID JUN 29 1045 – Very low het against 730, no audio. Something Central American no doubt on the low side. [Krueger-FL]
- 740 **BRAZIL** ZYH446 *R.Sociedade da Bahia*, Salvador JUL 6 0100 – Talk by man in Portuguese, electronic sounder; fair, dominant. [Connelly-MA]
- 740 unID JUN 29 1047 – Like 730, very low het against 740, no audio. Something Central American no doubt on the low side. [Krueger-FL]
- 750 **VENEZUELA** YVKS RCR Caracas JUN 24 0159 – Venezuela-topics talk show; over Cuba and CBGY. [Connelly-MA]
- 760 **BRAZIL** ZYH588 *R.Uirapuru*, Fortaleza JUL 7 0100 – Man then woman in Portuguese; slightly over others. [Connelly-MA]
- 760 **COLOMBIA** HJAJ RCN Barranquilla JUL 2 0100 – "RCN Noticias" promo at 0100:30; dominant. [Connelly-MA]
- 760 **MEXICO** XEES Chihuahua, Chih. JUL 5 0306 – No WJR, but dominant signal on car radio is Mexican, ad mentioning Parral, PSAs. However, there is no 760 in Hidalgo del Parral, Chihuahua; likely the usual occupant, XEES, tho listed by IRCA as only 500 watts at night, 1000 day. 2014 WRTH however says 10 kW fulltime, which is more like it, "Antena Musical." Cantú says 10/1 kW without the Musical. Take your pick. [Hauser-OK]
- 780 **VENEZUELA** YVMN *R.Coro*, Coro JUN 24 0201 – Folk music followed by *R.Coro* ID; to good peak. JUL 2 0102 – ID over mess. [Connelly-MA]
- 790 **CUBA** *R.Relej*, Pinar del Río//Holguín JUN 24 0202 – Relej news, ticks, "RR" beeps; way over WPRV. [Connelly-MA]
- 810 **BAHAMAS** ZNS3 Freeport JUL 6 0938 – Nassau preacher, parallel very good 1540 kHz. Weak, but first log of this here in a very long time. [Krueger-FL]
- 820 **CUBA** *R.Ciudad de la Habana*, La Habana-Arroyo Arenas JUL 26 0800 – Heard through WGGM and WNYC; two cycles of signature theme music/interval signal. [Conti-NH]
- 830 **MEXICO** unID JUL 26 1036 – Just a whisper of a Mexi-tune, weak and in bad 820 WWBA splatter. Checking on John S. report of an unidentified here in parallel to 810 kHz (unheard here). [Krueger-FL]
- 840 **CUBA** CMHW *Doblevé*, Santa Clara JUL 2 0100 – Several *Doblevé* ID's; good. [Connelly-MA]
- 860 **MEXICO** XENL Monterrey, NL JUL 12 0503 – A nice NAFTA mix: French Canadian talk atop, certainly CJBC Toronto, vs CBS news from KKOW Kansas, and Mexican national in the background, 0504 followed by full ID for Monterrey. Too much interference to copy details such as slogan, listed as "Radio Recuerdo, Canal 860." Predominant SAH of 2 Hz, almost matching the beat of the national anthem, so not sure which duo of the trio match and which mono be off. MWOoffset list includes only CJBC which in January 2012 was 1.5 Hz high. I might not have caught this if there had been a Fox-hole on 960 KGWA which I was checking first at 0500 UTC. [Hauser-OK]
- 860 **ST. KITTS & NEVIS** VON Bath Village JUL 2 0059 – Caribbean-accented English talk by man; briefly atop tangle of Brazil, CJBC, Relej Cuba, and unID accordion-music Latin American. [Connelly-MA]
- 940 **PUERTO RICO** WIPR *Máxima 940*, San Juan JUL 2 0100 – Light jazz, *Maximá 940* ID, numbers (lottery?) read by woman; dominant. [Connelly-MA]
- 980 **CUBA** COCO La Habana-La Cruz JUL 30 1714 – Fair with Noticiero Nacional de Radio feed in progress. 970 WFLA daytime IBOC has been off for several days now, allowing 960 and 980 to be heard again. [Krueger-FL]
- 1000 **MEXICO** XEFV Cd. Juárez, Chih. JUL 3 0542 – Mexican music looping west/southwest, and dominating vs dead air from KTOK at right angle. No doubt XEFV which I can often



- hear even when KTOK modulates. 0600 no ID but segué from non-anthem to orchestral "Mexicanos, al Grito de Guerra," indicating it's midnight in the UTC-6 zone. Then at 0602, full ID for "XEFV La Rancherita" with street address (studio/business no doubt, never transmitter site) in Ciudad Juárez. Meanwhile also getting weaker XEOY. [Hauser-OK]
- 1000 **MEXICO** XEOY *R.Mil*, México DF JUL 3 0600 – Slow music from south/southwest, vs jaunty Mexican national anthem from west/southwest XEFV, both facilitated by dead air from KTOK, and 0601 "somos Radio Mil" ID, from XEOY, but remaining weaker than Juárez. By the way, parallel 6010 XEOI has been off the air again for 3 or 4 months lacking a replacement tube. [Hauser-OK] JUL 5 1011 – Nice Mexi-ballads, male canned, "Buenos días, Radio Mil..." with frequency and power. [Krueger-FL]
- 1060 **CUBA** *Radio 26*, Jovellanos JUL 30 0400 – Under KYW; distinctive time marker and choral national anthem. [Conti-NH]
- 1070 **COLOMBIA** HJAH *Emisora Atlantico*, Barranquilla JUL 2 0059 – "Emisora Atlantico" jingle, Spanish talk getting over IBOC hash. [Connelly-MA]
- 1100 **BRAZIL** ZYK694 *R.Globo*, São Paulo JUL 6 0100 – Portuguese talk, Globo jingle, wolf-whistle at 0100:45; mixed with WTAM following WHLI sign-off. [Connelly-MA]
- 1140 **CUBA** *R.Cadena Agramonte*, Camagüey JUL 26 0401 – Over/under *R.Surco*; anthem ending after *R.Surco* anthem and canned ID, followed by signature four ascending notes marking the hour. [Conti-NH]
- 1140 **CUBA** *R.Rebelde*, Cárdenas (Circunvalación) JUN 29 0806 – Cuban instrumental in passing, parallel 1180 kHz. [Krueger-FL] AUG 1 0401 – News sounder through WRVA. [Conti-NH]
- 1140 **CUBA** *R.Surco*, Morón JUL 21 0400 – Fair; choral national anthem followed by canned ID, "Transmite CMIP Radio Surco desde Ciego de Avila, capital de la locución cubana." [Conti-NH]
- 1140 **MEXICO** XEMR *R.Esperanza*, Monterrey, NL JUL 3 0607 – Slogan "Manantial de Música," ID with street address in Monterrey, into show "Jesús Pronto Volverá." Is the dominant night signal here on 1140 kHz. [Hauser-OK]
- 1220 **MEXICO** XEB *La B Grande*, México DF JUN 28 1100 – Anthem while passing by, under *R.Caribe* Cuba. [Krueger-FL]
- 1570 **MEXICO** XERF *La Poderosa*, Cd. Acuña, Coah. JUL 21 1145 – Still playing "Mañanitas" songs at this time every morning, followed by another tune, and at 1150, "Servicio Social – Avisos Personales," mainly missing persons but also missing purses. Lots of people trying to make contact on both sides of la frontera; station phone number announced for input is 877-108-7046. Seems unusual for a 1 to be in 4th place, but maybe not for toll-frees; several phone numbers but not this one are on their contact webpage. Starting to fade out at 1154, and at times some English U.S. station occupying its null; LSR here was 1130 UTC. [Hauser-OK]
- 1610 **ANGUILLA** *Caribbean Beacon*, The Valley JUL 8 0112 – Rev. Barbi parallel 6090 also via Anguilla. Mainly under CHHA Toronto. A huge amount of huxtering has wafted over the airwaves since I heard this last. Too much IBOC on 690 to hear if there also. [Frodge-MI]
- 1620 **CUBA** *R.Bayamo*, Bayamo JUL 22 0800 – Signature chimes marking the hour, "Cuatro en punto," over a third unID Cuban station, "Esta es CM..." and *R.Rebelde*. [Conti-NH]

Contributors

Mark Connelly WA1ION, South Yarmouth MA; Microtelecom Perseus, cardioid-pattern SuperLoop: 10m vertical by 11m horizontal (peak 165°, null 345°).
 Bruce Conti WPC1CAT, Nashua NH; WinRADiO Excalibur, MWDX-5 phasing unit, 15 x 23-m variable termination SuperLoop antennas at 60° north and 180° south.
 Harold Frodge, Midland MI; Drake R8B, 85-ft random wire, 180-ft center-fed random wire.
 Glenn Hauser, Enid OK; DX-398 or PL-880 with internal antenna only.
 Terry L. Krueger, Clearwater FL; NRD-515, NRD-535, R-75, roof dipole, active loop.

International News

FRANCE: Radio France has decommissioned three high power AM stations of *France Info*, the news channel of the public broadcaster; 792 kHz (300 kW) Limoges, 837 kHz (200 kW) Nancy, and 945 kHz (300 kW) Toulouse. After the summer, station operator TDF will dismantle the transmitters. What will happen to the towers is not clear. [Various sources, *mwdx*]

GIBRALTAR: John Balestrino, the engineer at 1458 *R.Gibraltar*, informed me that the transmitter power is a constant 4 kW. Most lists (including 2014 WRTH) are currently showing 2 kW or less. [Jean Burnell, *mwdx*]



2013 Listening Waters Prince Edward Island DXpedition Update

By Niel Wolfish

As I continue to go through SDR spectrum recordings (a good thing to do while watching the baseball game with the sound off), I have found a few more.

- 711 **IRAN** *IRIB R.Ahwaz*, Ahwaz NOV 4 2030 – Chimes and anthem heard under France.
- 1026 **SPAIN** *SER R.Jaén*, Jaén NOV 8 0259 – Two "Radio Jaén" ID's before hourtop timepips, "Cadena Ser" ID and news.
- 1080 **SPAIN** *SER R.Huesca*, Huesca NOV 4 2058 – "Radio Huesca" station promos and radiohuesca.com URL given. Mixing with WTIC and a third station.
- 1134 **KUWAIT** *R.Kuwait*, Kabd NOV 8 0258 – Quran, ID by woman and fanfare into newscast. Same theme that is on the Interval Signals Online webpage. Good over Spain.
- 1170 **WALES** *Swansea Sound*, Swansea NOV 5 2059 – Faded up over Slovenia with a spot and ID mentioning website address and being from "the heart of southwest Wales."
- 1179 **SPAIN** *SER R.Rioja*, Logroño NOV 4 2158 – "Radio Rioja Cadena Ser" and *SER* promos. ID just before hourtop gives AM and FM frequency. Mixing with other *SER* station and Romania.
- 1233 **CZECH REPUBLIC** *R.Dechovka*, various NOV 6 0558 – Folk music. Trumpet fanfare and ID by man at 0600. Poor signal.
- 1259.84 **GREECE** *ERA Rhodos* NOV 5 1958 – Separated from Spain with classical music, pips and interval signal on hour, followed by woman reading news. No sign of CKHJ at this time.
- 1278 **IRAN** *IRIB R.Kermanshah*, Kermanshah NOV 4 1929 – Weak with anthem. Nothing heard afterward, so maybe they signed off?
- 1278 **OMAN** *R.Sultanate*, Balah NOV 5 2000 – Under France with Big Ben chimes, presumed ID by man and anthem. Matches what Interval Signals Online has for station.
- 1323 **CYPRUS** *BBC Zyyi* NOV 8 0258 – BBC Bow Bells interval signal. World Service ID and news in English at 0300.
- 1323 **ROMANIA** *R.Târgu Mires*, Târgu Mires NOV 5 1958 – Over Gold with pop music. Sign off by man mentioning frequencies. Test tone afterward, just like the 1053 *R.Iasi* station does.
- 1530 **ROMANIA** *R.Constanta*, Mihaileni & Mahmudia NOV 6 1959 – Faded up over *R.România Actualitati* with folk music and a quick ID at 2000, then it appeared to go off.
- 1584 **ITALY** *R.Studio X*, Momigno NOV 5 2001 – Some kind of sound effect followed by an ID. Just barely above Spain and BBC station. Thanks to Mauno Ritola for ID assistance.
- 1584 **UNITED KINGDOM** *BBC R.Nottingham*, Clipstone NOV 5 1958 – Under Spain with "Why Does It Always Rain On Me?" by Travis, which was on 1485 *BBC R.Merseyside* at same time. I think there was a "Radio Nottingham" ID at the end of the song.
- 1631 **NETHERLANDS** *Monte Carlo Radio* NOV 4 2230 – Poor with Polka-like music and ID by man. Confirmed by Max van Arnhem in The Netherlands.

73 and Good DX!

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.

New Publication: *Tucson Radio*, by Russ Jackson and NRC member C.J. Brown. This history of radio in Tucson, Arizona – from the first two stations in the 1920s that became KTUC and KVOA, to the 16 AM and 23 FM stations now serving Tucson (plus several more AMs from Phoenix).

Russ Jackson was a Tucson radio personality in the 1950s and 1960s on KCNA, KVOA, KTKT, and KMOP. Before retiring, he was a professor of telecommunications at Palomar College in San Marcos, California. Many of his students have found careers in broadcasting. C.J. Brown arrived in Tucson in 1960, just in time to become a huge fan of KTKT and Top 40 radio. A retired railroader, he maintains the KTKT alumni website, www.ktk99.com, and owns one of the largest collections of Tucson radio memorabilia.

128 pages, with 200 black & white images. Paperback, \$21.99. Order from Arcadia Publishing, www.arcadiapublishing.com.

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

First, here's the rest of DX Tool Box Column number 62 (continued from last issue):

Bits and Bites from the NRC listserv:

From: Allan Dunn, K1UCY always_faithful@comcast.net

Subject: "Saying Goodbye to AM Radio" – Edison Research

This is yet another article on why AM will die. They come out every so often and are proven wrong every time.

<http://www.edisonresearch.com/home/archives/2014/06/saying-goodbye-to-am-radio.php#.U5hfWSj40TD>

From: Bob Young, Millbury MA bobyoun53@hotmail.com

Subject: Re: "Saying Goodbye to AM Radio" – Edison Research

There has been a thread about that at the radioinsight board for the last week and a half.

<http://radioinsight.com/community/topic/saying-goodbye-to-am-radio/>

From: Shawn Axelrod amandx@mymts.net

Subject: Casey Kasem on CNN

Video clip there as well as his story, in regards to his passing.

http://www.cnn.com/2014/06/15/showbiz/casey-kasem-obit/index.html?hpt=hp_t1

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

Subject: The Solomon Islands Broadcasting Corporation

I had no idea till now, but I am mentioned by name and location in a blog on the website for the Solomon Islands Broadcasting Corporation. The blog is written by SIBC General Manager Ashley Wickham. Scroll down for the March 21st, 2014 entry: <http://www.sibconline.com.sb/you-me-sibc/>

As a side note, they are "licensed" for 10 kW on 9545/5020/1035Khz but only run 5 kW on all the SW and MW services. With the new transmitter, I think they are expected to go back up to 10 kW. Not sure about the MW signal.

This Month's DX Tool Box Web Site is: The OTR Network Library <http://otr.net/>

This web page is a listing of thousands of old time radio programs. They are listed in alphabetical order making finding your favorite shows easy. Under each show once you click on the name a new page will appear with a listing of all the different programs they have archived for that show. A great way to spend time with old radio programs and maybe listen to some you were nor familiar with.

And now, the current column:

Greetings once again from the Heart of the Continent and welcome to the DX Tool Box Column number 63.

This Month's Radio Saying: Left Wing Radio. If this doesn't work, we're trying the wireless telegraph next!

SDR Loggings:

It was an unusually quiet night last night and we opened the SDR on the 140-ft. D-Kaz antenna at Midnight, oriented NNW in GS EN25. Propagation wasn't quirky enough, however, and no real long-distance snatches were made (560 is an exception as is 1310...from Madison!) The obvious U.S. "Clears" are omitted. Next report will be from a 5 AM/6 AM scan; same arrangement. Cheers! Mark Durenberger, CPBE On the Road GS EN25 MIDNIGHT 06/22/2014.

540	CBK	SK	Regina	620	CKRM	SK	Regina
550	KFYR	ND	Bismarck	630	CFCO	ON	Chatham
560	KMON	MT	Great Falls	650	CKOM	SK	Saskatoon
590	UnID	--	unID CBC station	680	CJOB	MB	Winnipeg
600	CJWW	SK	Saskatoon	690	CKGM	QC	Montréal
610	KDAL	MN	Duluth		CBKF-1	SK	Gravelbourg

710	KNUS	CO	Denver	1140	KSOO	SD	Sioux Falls
730	CKDM	MB	Dauphin	1190	CFSL	SK	Weyburn
740	CFZM	ON	Toronto	1200	KFNW	ND	West Fargo
750	CKJH	SK	Melfort	1210	CFYM	SK	Kindersley
790	CFCW	AB	Camrose	1220	CJRB	MB	Boissevain
800	CHAB	SK	Moose Jaw	1230	KTRF	MN	Thief River Falls
810	KBHB	SD	Sturgis	1250	CHSM	MB	Steinbach
820	CHAM	ON	Hamilton	1260	KROX	MN	Crookston
860	CBKF-2	SK	Saskatoon	1280	KVXR	MN	Moorhead
880	CKLQ	MB	Brandon	1290	CFRW	MB	Winnipeg
900	CKBI	SK	Prince Albert (no ID)	1310	WIBA	WI	Madison (!)
910	KCJB	ND	Minot	1320	KHRT	ND	Minot
920	CFRY	MB	Portage la Prairie	1330	CJYM	SK	Rosetown
940	CJGX	SK	Yorkton	1340	KXPO	ND	Grafton
950	CFAM	MB	Altona	1370	KWTL	ND	Grand Forks
960	CFAC	AB	Calgary	1380	KLIZ	MN	Brainerd
970	WDAY	ND	Fargo	1440	KKXL	ND	Grand Forks
980	CJME	SK	Regina	1470	KHND	ND	Harvey
990	CBW	MB	Winnipeg	1490	KOVC	ND	Valley City
1010	CBR	AB	Calgary	1510	KCKK	CO	Littleton
1050	CJNB	SK	North Battleford	1560	KKAA	SD	Aberdeen
1060	CKMX	AB	Calgary	1600	KDAK	ND	Carrington

The Way Back Machine: These two videos are well worth a look. They are authentic stories from the source. We need more of these to keep the hobby going. Thanks to Wayne Heinen for sending these along.

From: Gregg Seifert, 3843 Kelsey Court, Lewis Center OH 43035 gregg@greggcassidy.com

This link will take you to my dad looking over his verifications from the mid 1950's. Bob Seifert from Cincinnati, Ohio was a club member for many years. He is now 85 and looking at these letters. <http://www.youtube.com/watch?v=v76C2pLxs3o>

(Later.) I'm glad you enjoyed the video. This one is probably even more fascinating. I've heard this story many times over the years. In this video he is addressing Rick Green, market manager of Clear Channel Indianapolis. My older brother and I went to the University of Cincinnati radio and television division with Rick in the 70's. In this video he makes reference of a beverage antenna that he set up with his much younger brother for this early morning test:

<http://www.youtube.com/watch?v=kegwmShq17Q>

I'm in the background at the beginning of the video. My dad's love of radio is still in his blood today. He is an avid AM listener and listened to his radio all night. He's 85 with the beginning stages of Alzheimer's; that is why we began recording these stories. My dad's love of radio got in my blood at an early age growing up in Cincinnati in the 60's listening to the big 50,000 watt top 40 stations. CKLW, WABC, WLS, WCFL etc., led me to a 40 year radio career. I've just finished up 4 years in Denver at KOOL 1-0-5 as program director and mid-day jock. I also launched, programmed, and created Alice, Alice 105.9 Denver from 1994-1998. I have worked at over 25 radio stations in 13 different states. Finally, I was a member of the club and at the age of roughly 13 or 14 attended the Boston and St Louis NRC conventions with my dad. He attended some conventions in the 50's and early 60's, he talks about people from those exciting days of radio; Sid Rosenbaum, Ernie "Lefty" Cooper, Pete Taylor, Len Kruze etc. Enjoy the video. Gregg Seifert (Gregg Cassidy KOOL 1-0-5).

Bits and Bites from the NRC listserv:

From: Shawn Axelrod amandx@mymts.net

Subject: CBC cuts

<http://www.cbc.ca/news/canada/cbc-to-cut-back-supper-hour-news-in-house-productions-1.2688409>

The link above will take you to an article on the cuts to the CBC over the next 5-6 years. It will be a smaller corporation but they are promising that no stations will be closed down as rumoured before the announcement today.

From: Mark Durenberger

Subject: Finalized D-KAZ Investigations and Loggings

On 06.07.14 we published a draft report on preliminary investigations into the D-Kaz antenna. That draft report was long on speculation and short on conclusions. We've now published a wrap-up of the project, with up-to-date MW loggings and info on D-Kaz construction. We hope it's of some use. <http://www.durenberger.com/documents/DKAZ070314.pdf>

This Month's DX Tool Box Web Site is:

DXMAPS 2.6 QSO/SWL Real Time Maps <http://www.dxmaps.com/spots/map.php>

This is a most interesting site that will allow you to check propagation on all bands – LF, HF, VHF, and UHF. You can also pick what part of the world you want to look at for your DXing. The site is more amateur radio oriented by band but fits very well into LW, MW, and FM DXing as well. There is even an FM DX tab in the “VHF & up” section. Play around with it a bit and see how it can help you see what is happening with DX in real time. Yes, real time maps that are showing what DXers and SWLs are hearing now.

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

Report your verifications to the NRC eGroup and they will appear here, or send them directly to me at the above address. Next deadline 10/1/14 pb.

- 680 WCTT KY, Corbin. P/d letter + 3 stickers. V/s Thor H Bahrman III. Rcvd in 54 days. MS (used meter postage, not MS). (DJ-TN)
- 840 WBHY AL, Mobile. N/d letter + promo folder. V/s Wilbur Goforth. Rcvd in 9 days. MS. (DJ-TN)
- 1010 WHIN TN, Gallatin. N/d letter. V/s Jack Williams. Rcvd in 14 days. MS (not used). (DJ-TN)
- 1030 KCTA TX, Corpus Christi. N-d letter. V/s Gracie Dinsdale. Rcvd in 11 days. MS (not used). (DJ-TN)
- 1200 WOAI TX, San Antonio. F/d letter. V/s Dan Wathers. Rcvd in 26 days. MS (returned.) (DJ-TN)
- 1330 KCKM TX, Monahans. F/d card, business card + sticker. V/s Bob Souza. Rcvd in 31 days. MS. (DJ-TN)
- 1450 WWXL KY, Manchester. F/d PPC. V/s Rodney Miller. Rcvd in 117 days after 1 f/up. MS. (QSL for 3/1/14 DX Test.) (DJ-TN)
- 1590 WKTP TN, Jonesborough. P/d letter. V/s George E Devault Jr. Rcvd in 10 days. MS. At the time of my reception, was operating at 1250 watts non-directional under STA. (DJ-TN)

David B. Jones, Nashville TN (DJ-TN)

NOAA Space Weather Outlook

Issued July 28, 2014 – For the period July 28-August 23, 2014

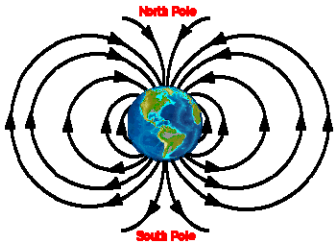
Solar activity is expected to be at predominately low levels through the outlook period with a chance for moderate level activity (R1 radio blackouts) from 28 July - 09 August due to the presence of several complex regions on the disk.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to be normal to isolated moderate levels.

Geomagnetic field activity is expected to be at mostly quiet levels for the majority of the outlook period in the absence of transient features. Unsettled to active conditions are possible associated with high speed solar wind streams on 28 - 29 July, 05 - 06 August, 10 August and 22 August.

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



Geomagnetic Indices

Geomagnetic Summary May-July 2014

Via Phil Bytheway – Tabulated from email status daily.

Date	Flux	A	K	Space Weather					
5/ 1	126	6	1	no storms	16	117	5	1	no storms
2	135	3	0	no storms	17	114	8	3	no storms
3	133	7	3	no storms	18	111	16	5	minor, G1
4	132	16	1	no storms	19	111	8	2	no storms
5	139	10	2	no storms	20	102	9	3	no storms
6	139	3	0	minor, R1	21	101	6	1	no storms
7	146	4	2	minor, R1	22	94	4	2	no storms
8	148	20	4	moderate, R2	23	93	5	3	no storms
9	152	8	1	no storms	24	94	6	1	no storms
10	150	9	3	no storms	25	97	6	2	no storms
11	164	12	3	no storms	26	100	5	1	no storms
12	163	8	2	no storms	27	104	4	1	no storms
13	159	5	2	no storms	28	115	6	1	no storms
14	163	6	2	no storms	29	126	8	3	no storms
15	152	5	1	no storms	6/30	141	6	1	no storms
16	139	5	1	no storms	7/ 1	152	4	1	minor, R1
17	134	4	1	no storms	2	169	5	1	no storms
18	128	5	1	no storms	3	178	6	1	no storms
19	117	4	2	no storms	4	188	5	1	no storms
20	117	4	0	no storms	5	193	4	1	no storms
21	114	3	1	no storms	6	201	5	1	no storms
22	111	9	3	no storms	7	198	6	2	no storms
23	116	19	5	minor, G1	8	201	6	2	moderate, R2
24	118	6	2	minor, R1	9	198	7	3	minor, R1
25	113	4	1	no storms	10	177	8	2	minor, R1
26	108	4	0	no storms	11	166	6	2	no storms
27	106	4	2	no storms	12	145	6	1	no storms
28	99	4	2	no storms	13	127	5	2	no storms
29	103	7	1	no storms	14	109	9	2	no storms
30	102	9	2	no storms	15	101	7	1	no storms
5/31	104	4	1	no storms	16	92	5	1	no storms
6/ 1	103	5	1	no storms	17	89	5	2	no storms
2	105	5	3	no storms	18	89	3	1	no storms
3	107	7	1	minor, R1	19	86	3	0	no storms
4	105	5	2	no storms	20	87	3	1	no storms
5	111	7	3	no storms	21	90	5	2	no storms
6	133	6	2	minor, R1	22	93	5	2	no storms
7	137	13	4	no storms	23	99	6	3	no storms
8	149	39	2	moderate, G2	24	104	5	1	no storms
9	161	5	1	no storms	25	107	6	1	no storms
10	166	7	2	strong, R3	26	117	7	1	no storms
11	168	7	1	strong, R3	27	121	5	2	no storms
12	175	4	1	minor, R1	28	132	9	1	no storms
13	153	5	2	minor, R1	29	142	4	1	no storms
14	144	8	2	minor, R1	30	152	5	1	no storms
15	130	5	1	minor, R1	7/31	156	5	2	minor, R1

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



Follow @NRCDXNews on Twitter!

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

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

To send tips, write a tweet (140 characters max) and include the tag #mwdx

And don't forget the NRC Facebook page: <https://www.facebook.com/groups/509246815818550/>

From the Milwaukee *Journal-Sentinel*, July 31, 2014:

More AM radio stations taking their signals to FM dial
3 Milwaukee broadcasters have made the jump this summer
By Duane Dudek

Is AM dead?

"Absolutely not," said Bill Hurwitz, vice president of Milwaukee Radio Alliance, who added that 15% of all Milwaukee radio listening is of AM stations.

This means 85% of it isn't. And news, sports, information and talk on WTMJ-AM (620) and WISN-AM (1130) account for most of that 15%.

So some AM stations are taking their act on the road and moving to the FM dial. Three stations here did so this summer alone.

Two of the recent translators belong to stations with music formats: WZTI-FM (100.3) and WJTI-FM (97.9). WZTI-FM, owned by Milwaukee Radio Alliance and called Martini Radio like WZTI-AM (1290), went on the air Monday.

"There hasn't been an adult standards station in Milwaukee since WOKY," said Hurwitz. "Now, there is."

Actually, WZTI-AM went on the air with the format in March 2013, and the poor sound quality on the AM dial likely has contributed to its meager ratings. In a recent ratings trend survey, it was ranked 29th among total listeners.

It has since "evolved into an upscale adult format station," said Hurwitz who, spent Monday driving around the area testing the signal range of the translator located on the American Towers cluster in the Estabrook Park area.

WJTI-FM repeats the Spanish-language music format of WJTI-AM (1460).

Both are called Radio Caliente and are owned and operated by John Torres, principal officer of El Sol Broadcasting.

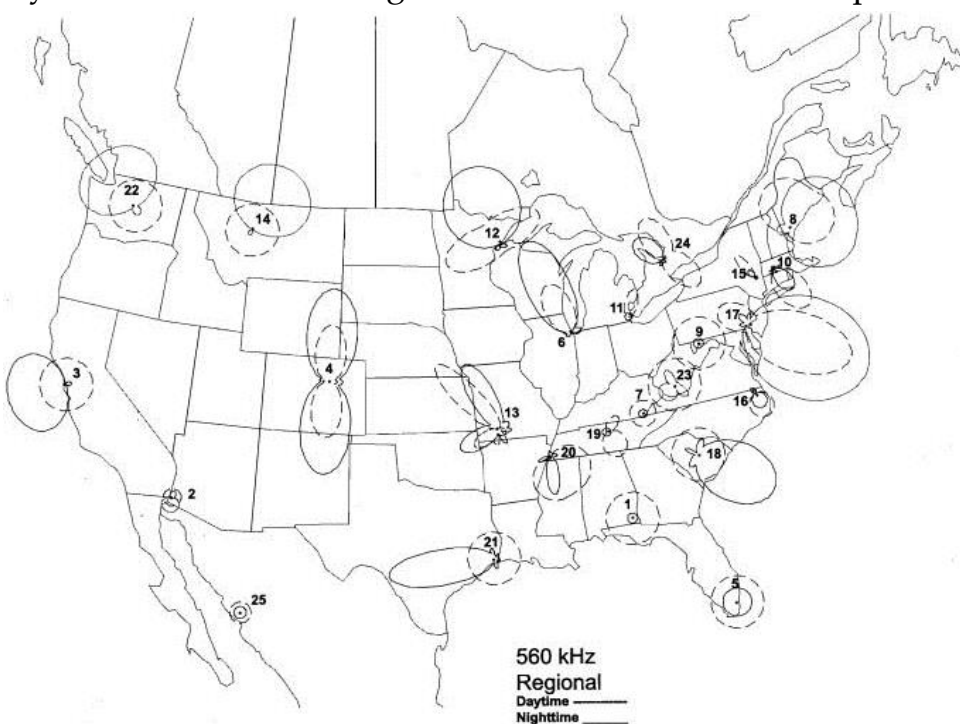
"I do everything from sales to engineering," said Torres, a veteran local broadcaster, who bought the former WBJX-AM in 2007 and moved the license from Racine to West Allis.

He said the approval process for an FM translator took two years.

The third local station to add a translator to simulcast its signal is WSSP-AM (1250), the sports-talk station owned by Entercom Communications Corp., which can now be heard on 240-watt WSSP-FM (105.7).

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.



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: To the United States, \$22.95 for members, \$28.95 for non-members (add \$3.85

for Priority Mail delivery to U.S. addresses only). To Canada \$35.00; airmail outside of U.S. and Canada \$39.00. For those outside the U.S., use PayPal or a postal money order in U.S. funds only. Order from NRC, P.O. Box 473251, Aurora CO 80047-3251 or www.nrcdxas.org. Colorado residents, please add 3.5% sales tax.

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>; Wayne Heinen <amradiolog@nrcdxas.org>; NRC AM Radio Log Editor – 4131 S. Andes Way – Aurora, CO 80013-3831; Paul Swearingen <plsbcbdxer@aol.com>; Chairman; Dick Truax <K9RT@aol.com>; NRC Treasurer – P. O. Box 39451 – Louisville, KY 40233-9451.

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

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

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

Subscriptions and Renewals to DX News: Yearly subscription (30 issues, weekly in DX season): To a U.S. Address: US\$45.00; to a Canadian Address: US\$55.00; to all other countries: US\$70.00.

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

Subscriptions and Renewals to DX Audio Service: yearly subscription (twelve audio CDs, mailed on or about the 20th of each month) (send new and renewal subscriptions to Fred Vobbe): One-year First-Class Mail subscription to DX Audio Service to USA, Canada addresses: US\$30.00; all other addresses: US\$40.00.)

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

National Radio Club

P.O. Box 473251

Aurora, CO 80047 – 3251

Send all payments to NRC Headquarters at:

National Radio Club
PO Box 473251
Aurora, CO 80047-3251

<sales@nrcdxas.org>

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

- **New subscriptions and renewals** for DX News, the DX Audio Service, and e-DXN.com.
- **Subscription or delivery problems** for DX News or DXAS.
- **Changes of address** for DX News.
- **All NRC Publications** orders.

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

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

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

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

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