

DX News

Serving DX'ers since 1933



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Summer DX Tests: These days, we take DX tests where we can find them, and we find three of them now in August:

DX TESTS (all times ELT)

WDEV-550	Sat Aug 17	0003-0006
KHMO-1070	Sat Aug 24	0100-0200
WLIQ-1530	Sat Aug 24	0230-0330

For full information see page 2.

NRC Antenna Pattern Book: 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 this comes from the forthcoming 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.

Order from NRC Publications – P.O. Box 473251 – Aurora CO 80047-3251. Price is \$22.95 for regular mail, \$26.80 for Priority Mail to U.S. members; \$28.95 for regular mail or \$32.80 for Priority Mail to U.S. non-members, \$35.00 to Canada, and \$39.00 to overseas. Or order via PayPal on www.nrcdxas.org (add \$1.00).

NRC AM Radio Log: And we are accepting pre-publication orders for the 34th Edition of the NRC *AM Radio Log*. The 34th edition of the Log will contain approximately 285 pages of data and cross references and 18 pages of instructions in 8-1/2" x 11" size, 3-hole punched, U.S. loose leaf format. This publication fits nicely into a 1" three-ring binder. Over 8,000 updates have been made since last year's 33rd Edition of the log! Additional reference include call letters of FM simulcasts with the AM Stations listing, listings of regional groups of stations in the groups section (separate section of the log book), 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 AM broadcasters.

Prices are the same as for the *Antenna Pattern Book* – order the same way.

From the Publisher: The joint NRC-IRCA-WTFDA-MDXC convention was a smashing success! Full details to come in an upcoming issue; some preliminary reactions inside.

The schedule for Volume 81 (2013-14) follows. Deadlines are Friday 2400 ELT to the publisher, preferably to NRCDXNews@gmail.com, and the printed DX News should be in your mailbox on Monday 10 days later. The PDF of the print version becomes available on www.e-dxn.com as soon as it goes to the printer, usually the day after the deadline.

VOL. 81 DX NEWS PUBLISHING SCHEDULE

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

Madison/Milwaukee GTG: This year the 20th annual Madison-Milwaukee Get-Together returns to the Milwaukee area. It will be held on Saturday, August 17, 2013, in safe and friendly Oak Creek (in southern Milwaukee county). This is an all-band event, open to radio hobbyists of all interests. For more information, contact your hosts, Tim and Jill Noonan, at <DXing2@aol.com> or 414 813-7373.

DX midAMerica GTG: The 5th DX mid-AMerica Get-Together (and first in almost 15 years) will be held on Saturday Sept. 14th at the Ramada Inn located at 902 West Killarney Street in Urbana, Illinois. The GTG will begin at 1 p.m.

Central Time, and refreshments will be provided. To get there, simply take Interstate 74 from the east or west, turn south at Exit #183 onto Lincoln Avenue, go about 1 block, and the Ramada Inn will be on the northwest corner of the intersection of Killarney Street and Lincoln Avenue (there is a Circle K convenience store on the southwest corner of that intersection). As has been the case with past DXMA get-togethers, this will be just a 1-day event and will last into the evening as long as folks stick around. This is an all-band event, and those who want to bring radios, QSLs, logbooks, bumper stickers to trade, etc., are welcome to do so. If there is enough interest, we will try to go out for dinner around 5:30 or so. Please feel free to visit the DX mid-AMERICA website (expertly maintained by DXMA's founder, John Rieger) at

<http://www.angelfire.com/wi/dxmidamerica>.

Your hosts for this event are Rick Dau and Earl Higgins. If you have any further questions about the GTG, please feel free to e-mail Rick at drummer1965usa@yahoo.com or call 402-415-4743. See you on the 14th!

Unreported DDXD Stations: In this issue, one new station (WKAJ-1120) and one longstanding station (WZAB-880) were reported for the first time in DDXD this millennium, while two stations on our unreported list (KPBL-1240 and KIHN-1340) no longer exist and have been dropped for that reason. This is a net drop of three, leaving 566 stations (out of a total 4844) U.S. and Canadian stations (not counting TIS and LPRT stations) not reported to DDXD since at least Volume 67 (1999-2000)

DX TEST INFORMATION

WDEV-550 Waterbury VT will test on Saturday, August 17 at 0003-0006 ELT (plus or minus 2 minutes). The test will consist of Morse code, sweep tones, a few sound effects, and a brief voice announcement or two. WDEV will test using night power (1 kW) and pattern. The test will also air on WDEV-FM-96.1 Warren VT, W243AT-96.5 Barre VT, and W270BR-101.9 Island Pond VT. Reports to Bob Welch, WDEV Radio, P.O. Box 550, Waterbury VT 05676, or by e-mail to bwelch@radiovermont.com. Please include a SASE for reply. CDs, tapes, and USB sticks with audio will be accepted, but will be returned ONLY if return postage is included; e-mail clips of 3 MB or less only. Note that WDEV carries the Boston Red Sox and that there is a Red Sox-Yankees game scheduled for 1905 on Friday, August 16; if the game runs late for some reason, the test will be automatically rescheduled for Saturday, August 31, at the same time. Arranged by Paul Walker.



KHMO-1070 Hannibal MO will test on Saturday, August 24 at 0100-0200 ELT. The first and third quarter-hours will be on night power/pattern (1 kW) and the second and fourth quarter-hours will be on day power/pattern (5 kW). The test will consist of Morse code, sweep tones, voice announcements, easily identifiable sound effects, and other odd material. Reports to Gary Glaenzer, c/o KHMO DX Test, 325 East Douglas Ave., Jacksonville IL 62650 or glaenzer@frontier.com.

Please include a SASE for reply. CDs, tapes, and USB sticks with audio will be accepted, but will be returned ONLY if return postage is included; e-mail clips of 3 MB or less only. Arranged by Paul Walker.

WLIQ-1530 Quincy IL will test on Saturday, August 24 at 0230-0330 ELT. The first and third quarter-hours will be on critical hours power (290 Watts) and the second and fourth quarter-hours will be on day power (1400 Watts). The test will consist of Morse code, sweep tones, voice announcements, easily identifiable sound effects, and other odd material. Reports to Gary Glaenzer, c/o WLIQ DX Test, 325 East Douglas Ave., Jacksonville IL 62650 or glaenzer@frontier.com. Please include a SASE for reply. CDs, tapes, and USB sticks with audio will be accepted, but will be returned ONLY if return postage is included; e-mail clips of 3 MB or less only. Arranged by Paul Walker.



QSL REVIVAL COMMITTEE

Kraig Krist is spearheading a "QSL Revival Committee" ... in that regard, he announces that, in cooperation with Dave Radigan, President & General Manager Radigan Broadcasting Group, he has created an e-QSL for WEBO to use. Owego, NY 1330 kHz, sends a detailed reception report to Mr. Radigan at dave@newsradiowebo.com and politely requests an eQSL they will receive a WEBO QSL similar to the one at http://misc.kg4lac.com/2013-5-31_WEBO.jpg (or on page 20 below).

More of these, hopefully, to come!

AM Switch

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

With six weeks since the last AM Switch, the list of official FCC actions just keeps on growing ...



CALL CHANGES

- 1010 WLYT NC **Black Mountain** – Call change to WKJW.
 1040 WWAM TN **Powell** – Call change to WJBE.
 1210 KUNF UT **Washington** – Call change to KHKR.
 1240 WFSX FL **Fort Myers** – Call change to WFWN.
 1490 KRKZ WA **Forks** – Call change to KFKB.
 1580 WIFE IN **Connersville** – Call change to WLPK.
 KLNQ WY **Evansville** – Call change to KKTS.



NEW STATION WATCH

New Stations on the Air

- 1120 WKAJ NY **St. Johnsville** – CP for new station (U4 10000/400) is on the air.

Callsign Assignments

- 1190 CP NC **Red Oak** – CP for new station assigned calls WNCR.
 1380 CP CA **Santa Maria** – CP for new station assigned calls KVSM.

There are currently 65 outstanding CPs for new stations in the FCC online database, including 8 constructed CPs for which an application for a license to cover is pending, 8 expired CPs maintained in the database (presumably under appeal or review of some type), and 49 active CPs.

These CPs are scheduled to expire in the next 30 days: CP-1240 Green River WY, KACE-1250 Mesquite NV, KVSM-1380 Santa Maria CA, and CP-1450 Flora Vista NM (8/18); and KCIK-740 Kihei HI and CP-1240 Altamont OR (8/31). In most cases, within two weeks after the scheduled expiration date, a licence to cover application is noted on the FCC web site, or else the CP is deleted.

CHANGES TO EXISTING STATIONS

Construction Permits on the Air

- 540 WLIE NY **Islip** – On the air with U4 10000/220 (ex-U4 2500/220); program test authority had been granted almost 3½ years ago and has probably already been in use.
 570 KQNG HI **Ele'ele** – On the air with change of CoL (ex-Lihue HI); no change in facilities.
 720 KUAI HI **Kakaha** – On the air with change of CoL (ex-Ele'ele HI); no change in facilities.
 820 WVSG OH **Columbus** – On the air with U2 6500/790 (ex-U2 5000/790); had been a 2-site operation but now broadcasting exclusively from the old night site.
 970 WDAY ND **Fargo** – On the air with U4 10000/10000 (ex-U2 5000/5000); new transmitter site at 46-38-48/96-21-50.
 1120 WMSW PR **Hatillo** – On the air with U1 2600/400 (ex-U2 2600/5000).
 1260 WGVM MS **Greenville** – On the air with U1 2400/32 (ex-D1 2400); night power had been authorized years ago but not licensed until now.
 KWNX TX **Elgin** – On the air with change of CoL (ex-Taylor TX); no change in facilities.
 1440 WHDM TN **McKenzie** – On the air with U1 420/91 (ex-500/91); new transmitter site at 36-07-58/88-31-24.
 1460 WJAK TN **Jackson** – On the air with U1 800/105 (ex-U1 1000/128).

Constructed CPs Seeking Final Licensing

- 740 WDGY WI **Hudson** – Applies for license to cover CP for D3 5000.
 840 KARS NM **Belen** – Granted program test authority for U1 1800/30 from 860 kHz (now U1 1300/186) at new site 35-00-31/106-42-52 and applies for license to cover.
 930 KHJ CA **Los Angeles** – Applies for license to cover CP and granted program test authority for new site 34-05-08/118-15-24.
 1230 KYPA CA **Los Angeles** – Granted program test authority for CP at new site (same as KHJ-930).
 1260 WWRC DC **Washington** – Applies for license to cover CP and granted program test authority for U4 35000/5000.
 1300 KAZN CA **Pasadena** – Applies for license to cover, and granted program test authority for recently granted CP for U4 23000/4200 (see below).

- 1360 WELR AL **Roanoke** – Applies for license to cover and program test authority for CP for new site at 33-11-02/85-24-21.
- 1520 KYND TX **Cypress** – Has been granted program test authority for its CP with D4 25000 (ch 18000); based on further testing of the CP, its application for a license to cover now is amended to adjust power to D4 26300 (ch 18900).
- 1560 WYZD NC **Dobson** – Applies for license to cover CP for D1 4200 (ch 510) (now D1 1000 (ch 500)).

Construction Permits Granted

- 580 WLES VA **Bon Air** – Granted CP for U1 1000/58 from existing site.
- 1230 WMOU NH **Berlin** – Granted CP for U1 1000/930 from new site 44-28-58/71-10-38.
- 1300 KAZN CA **Pasadena** – Granted CP for U4 23000/4200 all from existing day site.
- 1480 KTHS AR **Berryville** – Granted CP to change CoL to Green Forest AR; no change in facilities.
- 1590 WARV RI **Warwick** – Granted CP for U4 8000/5000 from existing site.

Amendments to Construction Permits Granted

- 1330 WNIX MS **Greenville** – Granted modification for CP, now for U1 3800/55.
- 1420 WATB GA **Decatur** – Granted modification for CP to move to 1430 kHz, now for U5 15000/158, still on 1430 kHz.

Applications for Amendments to Construction Permits

- 650 WSRO MA **Ashland** – Has CP for U4 1500/100 close to coming on the air, applies for U4 1500/187.

Applications for New Construction Permits

- 630 KTKK UT **Sandy** – Applies for U4 935/470, CoL to Kearns UT, from new site 40-51-00/111-58-07.
- 680 WGES FL **St. Petersburg** – Applies for U1 930/165 from a shorter tower (which has been in use under STA since 2000).
- 810 WJJQ WI **Tomahawk** – Applies for U1 940/12, coord. correction to 45-29-26/89-43-43.
- 840 KXNT NV **North Las Vegas** – Has application for U4 50000/16000, amends application to be for U4 50000/10000.
- 1120 WRSB NY **Canandaigua** – Applies for U4 2500/1000, coord. correction 42-53-22/77-19-14.
- 1320 KSDT CA **Hemet** – Applies for U4 550/950, CoL to Redlands CA, from new site 33-58-02/117-11-16.
- 1340 WXFN IN **Muncie** – Applies for new tower, still U1 1000/1000 from existing site.
- 1340 KRMD LA **Shreveport** – Has an application for U1 396/396, now amended to U1 400/400.
- 1450 KFLS OR **Klamath Falls** – Applies to change CoL to Tulelake CA, from new site 42-12-18/121-45-35, remaining U1 1000/1000.
- 1600 WTZQ NC **Hendersonville** – Applies for U1 5000/30, will take co-owned WFIS-1600 Fountain Inn SC off the air if the CP is granted.

CPs Expired or Applications Dismissed

- 630 WREY MN **St. Paul** – CP for U4 2300/2300 expired and deleted; remains U4 1000/2500.
- 710 WNTM AL **Mobile** – Longstanding application for U2 6000/2100 dismissed.
- 1210 KHKR UT **Washington** – CP for U1 10000/231 (now U1 10000/250) from new site 37-04-06/113-31-04 has expired; station applies for new CP to replace it.
- 1550 KMAD OK **Madill** – CP for a new site expired and deleted.

STATIONS LEAVING THE AIR

- 640 KGVW MT **Belgrade** – License cancelled, calls deleted as of 7/1/2013; no explanation given on the FCC web site.
- 850 KXCM IA **Waterloo** – This station was deleted some years ago and has now finally been dropped from the FCC database.
- 1240 KPBL TX **Hemphill** – Silent station's license cancelled, calls deleted; station failed to file for renewal so license expired as of 8/1/2013.
- 1340 KIHN OK **Hugo** – License cancelled, calls deleted; station failed to file for renewal so license expired as of 6/1/2013.
- 1440 KELG TX **Manor** – License cancelled, calls deleted; station failed to file for renewal so license expired as of 8/1/2013.
- 1490 WJDJ SC **Hartsville** – License cancelled, calls deleted; station had been silent since 6/2/2012 and lost license for being off more than a year.
- 1560 KTXZ TX **West Lake Hills** – Same as KELG-1440.
- 1600 KOKE TX **Pflugerville** – Same as KELG-1440.

Note that it is often the case that when a station "fails to file for renewal," there may be extenuating circumstances that will lead the FCC to grant an STA to continue operations until the

licensing issue is worked out, or even to the FCC eventually granting a license (sometimes for a shorter period, and usually with a hefty fine). Sometimes the check to the FCC bounced, sometimes the person who was supposed to do the renewal filing at a small station was out sick, sometimes the station's operations are just dysfunctional. So cross these out with a pencil for now.

SPECIAL TEMPORARY AUTHORITY (STA)

- 590 WARM PA Scranton – Granted STA for reduced power after lightning damage.
 720 KUII HI Kakaha – Granted STA for U1 2500/2500, antenna skirt problems.
 940 WCPC MS Houston – Granted STA for U1 10000/7 during tower work.
 990 KTMS CA Santa Barbara – Granted STA for U1 1500/100, phase monitor in the shop.
 1060 WGSB NC Mebane – Granted STA for D1 250 (ch 125), can only operate with one tower (station believes due to wind damage).
 1070 WCSZ SC Sans Souci – Granted STA for U1 2000/375, both transmitter and antenna problems.
 1140 KXST NV North Las Vegas – Granted STA for likely pattern issues during construction at antenna site.
 1150 WWDJ MA Boston – Granted STA for U2 1250/5000 to facilitate tower painting.
 1210 KEBR CA Rocklin – Granted STA for U1 500/500 during transmitter repairs.
 1310 KKNS NM Corrales – Granted STA for about 200 watts from yet another temporary site.
 1350 WIBR LA Baton Rouge – Granted STA of U1 150/150 so it can broadcast before it loses its license on 8/7 for being silent more than a year.
 1360 WCHL NC Chapel Hill – Granted STA for U1 ?/250 (day power reduced but not specified) due to antenna damage from flooding on 6/30.
 1380 WPHM MI Port Huron – Granted STA for pattern out of tolerance and reduced power (unspecified) while pattern is being fixed.
 WKJV NC Asheville – Granted STA for U1 25000/250; has restored full day power after repairing copper theft but now needs to fix the night pattern.
 1400 WFLA FL Fort Lauderdale – Applies for STA for U1 250/250 from temporary longwire antenna at emergency site in Pompano Beach; lost licensed transmitter site.
 1440 KPUR TX Amarillo- Granted STA for U2 700/700 due to transmitter problems.
 1470 KAIR KS Atchison – Granted STA for U1 250/250; damaged transmission line.
 1590 WVNA AL Tuscumbia – Granted STA for U1 2000/2000 from alternate site (WVNA-FM tower).
 KLFE WA Seattle – Granted STA for U1 5000/1250; fire at transmitter site.
 1600 KEPN CO Lakewood – Granted STA to operate night pattern out of tolerance during installation of new directional antenna monitoring system.
 1680 KNTS WA Seattle – Granted STA for U1 2500/1000; fire at site (yes, same as KLFE).

Applications to extend existing STAs were received from and granted for WKAQ-580 San Juan PR (U1 10000/4500 from temporary site); KTKK-630 Sandy UT (temporary site); WHYF-720 Shiremanstown PA (longwire antenna at temporary site); WTLN-950 Orlando FL (U2 12000/10000 to overcome Cuban QRM); KUFO-970 Portland OR (pattern out of tolerance); KTCT-1050 San Mateo CA (higher power to overcome Mexican QRM); WDEL-1150 Wilmington DE (pattern out of tolerance); KHAT-1210 Laramie WY (emergency antenna at night); WSHU-1260 Westport CT (temporary antenna and site); KXRO-1320 Aberdeen WA (night pattern out of tolerance); WEBY-1330 Milton FL (U1 6250/79); WKIZ-1500 Key West FL (U1 62/62 after tower collapse in 2011); WMNT-1500 Manati PR (temporary site); WJKN-1510 Jackson MI (D1 1000 from longwire antenna at temporary site); KUNX-1520 Port Hueneme CA (U1 4600/136); WRHC-1550 Coral Gables FL (temporary site); WKTP-1590 Jonesborough TN (U1 1250/1250); and WLXE-1600 Rockville MD (U1 1000/125, landlord limiting use of transmitter site).

Applications to extend existing STAs were received from WGES-680 St. Petersburg FL (temporary tower); KNUS-710 Denver CO (pattern problems); WSGW-790 Saginaw MI (U1 1250/250); KPAM-860 Troutdale OR (U1 50000/3750); WKY-930 Oklahoma City OK (U1 5000/1000); WINZ-940 Miami FL (U4 50000/25000 to overcome Cuban QRM); WELI-960 New Haven CT (U1 1250/1250); KZZB-990 Beaumont TX (U1 250/250); WPSP-1190 Royal Palm Beach FL (unspecified); KLOA-1240 Ridgecrest CA (U1 185/185); WCSA-1260 Ripley MS (temporary site); WNIX-1330 Greenville MS (U1 1000/55); WFNN-1330 Erie PA (U3 1000/1000 using night pattern at all times); WYRD-1330 Greenville SC (U3 500/500 using licensed night pattern); KRMD-1340 Shreveport LA (U1 380/380); WYOS-1360 Binghamton NY (U1 1000/100); KOTA-1380 Rapid City SD (U1 5000/1250); WSEL-1440 Pontotoc MS (U1 60/60); WCGO-1590 Evanston IL (U1 7000/625); and WRJE-1600 Dover DE (U1 reduced power, unspecified).

Previously reported applications to extend existing STAs were granted for WTBN-570 Pinellas Park FL; KVNA-600 Flagstaff AZ; WIOD-610 Miami FL; WDAE-620 St. Petersburg FL; WGES-680

St. Petersburg FL; WTOR-770 Youngstown NY; KKOH-780 Reno NV; KJRB-790 Spokane WA; WFAB-890 Ceiba PR; KARN-920 Little Rock AR; WKY-930 Oklahoma City OK; WIPR-940 San Juan PR; KXEN-1010 St. Louis MO; KFAY-1030 Farmington AR; WHBO-1040 Pinellas Park FL; KAAY-1090 Little Rock AR; WQHC-1170 Hanceville AL; WSUA-1260 Miami FL; WODT-1280 New Orleans LA; WBOW-1300 Terre Haute IN; WMTN-1300 Morristown TN; WNQM-1300 Nashville TN; KKPZ-1330 Portland OR; WBRK-1340 Pittsfield MA; WLLN-1370 Lillington NC; WTOD-1450 Hartsville SC; KLTC-1460 Dickinson ND; WSPY-1480 Geneva IL; KVUG-1530 Agana Guam; and WSMN-1590 Nashua NH.

A previously reported application to extend an existing STA was dismissed for WYCL-1540 Niles OH.

SILENT STA

These stations have gone silent:

- 580 KZMX SD Hot Springs – Finally added to silent list; silent 4/26 for staffing reasons.
 WLVA VA Lynchburg – Applies for silent STA; silent 6/26 pending sale.
 620 WJHX AL Lexington – Went silent 7/15, station vandalized and transmitter stolen (!).
 750 WPDY WV Clarksburg – Filed silent station notification.
 960 WGRO FL Lake City – Went silent 7/12; husband & wife station owners are ill.
 1130 WALQ AL Carrville – Applies for silent STA; silent 7/19 for economic reasons.
 1190 KPHN MO Kansas City – Went silent 7/31 pending sale by R. Disney.
 1300 WBOW IN Terre Haute – Went silent 7/19 after transmitter power supply unit failed.
 1340 KOLE TX Port Arthur – Applies for silent STA; silent 7/19 after losing studio location.
 1390 WZQQ KY Hazard – Applies for silent STA; silent 7/20, transmitter problems.
 1450 WZGX AL Bessemer – Like co-owned WJHX-620, silent since 7/15 due to theft of the transmitter (although the station owner's letter to the FCC refers to the station as "WGHX,-1450 AM, in Bessemer AL").
 WTOD SC Hartsville – Applies for silent STA; silent 7/15 after loss of antenna site.

These formerly silent stations are back on the air:

- 840 WHGH GA Thomasville – Silent station (since 12/31/12) returned to the air 6/10.
 KARS NM Belen – Dropped from the silent list; CP from 860 kHz reported testing here.
 910 KLCN AR Blytheville – Silent station (since 4/26) returned to the air 7/1.
 1000 WDXZ AL Robertsdale – Silent station (since 8/16/2012) returned to the air 8/3.
 1110 WOMN LA Franklinton – Silent station (since 3/28) returned to the air 6/30.
 1300 WIBR LA Baton Rouge – Silent station (since 8/7/2012) returned to the air 8/6 with STA (as above); presumably not for long.
 1400 KENT UT Parowan – Silent station (since 2/6) returned to the air 6/19.
 1440 WCDL PA Carbondale – Silent station (since 5/17) returned to the air 8/6.
 1490 WTKE FL Milton – Silent station (since 7/12/12) returned to the air with low power from a backup transmitter 7/12; probably not for long.
 1520 WLGC KY Greenup – Silent station (since 10/4/12) returned to the air with STA 7/20.
 1530 WLWB WI New Holstein – Silent station (since 6/13) returned to the air 8/7 testing new CP for D1 350.
 1560 KNGR TX Daingerfield – Belatedly removed from FCC silent list.
 1580 KAMI NE Cozad – Silent station (since 4/10) returned to the air 6/8.

COORDINATE CORRECTION

- 710 KEEL LA Shreveport – Granted CP to correct coordinates to 32-41-00/93-51-33 (day), 32-40-54/93-51-34 (night).
 800 KVOM AR Morrilton – Applies for CP to correct coordinates to 35-09-28/92-46-04.
 900 KNUI HI Kahului – Granted CP to correct coordinates to 20-47-30/156-28-01.
 930 WTAD IL Quincy – Granted CP to correct coordinates to 39-53-24/91-25-25.
 950 KJTV TX Lubbock – Applies for CP to correct coordinates to 33-34-56/101-49-32.
 1080 KGVY AZ Green Valley – Applies for license to cover CP to correct coordinates to 31-55-45/110-59-47.
 1350 KMAN KS Manhattan – Applies for CP to correct coordinates to 39-12-38/96-33-22.
 1540 KNGL KS McPherson – Applies for license to cover CP to correct coordinates to 38-20-19/97-40-05.

OTHER

- 990 WTIG OH Massilon – Applies to correct license to U4 250/113 (from U4 250/112).

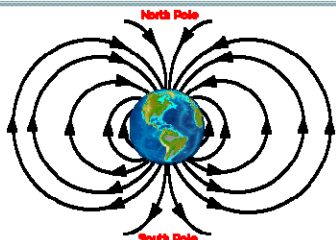
- 1110 WBT NC Charlotte** – Granted STA to test “all-digital” broadcasting (no analog) using night facilities between 7/31 and 10/31. Tests will be run in conjunction with National Association of Broadcasters; no dates announced.
- 1640 Test MA Taunton** – Test transmitter (WV1XBF) authorized for three months with D1 1000 to test whether the former WPEP-1570 site can be adapted for the use of WVBF-1530.

Canadian news (via Dan Sys, Shawn Axelrod, WRTH):

- 860 CBRL BC Williams Lake** – LPRT applies to move to 92.1 MHz FM.
- 900 CKBI SK Prince Albert** – Applies for U1 10000/2800 from a new site.
- 990 CHRF QC Montreal** – CP for new station applies for U4 50000/10000, on 980 kHz (where Montreal 990 once was, 20+ years ago).
- 1230 CBAF21 NB St. Quentin** – LPRT applies to move to 91.1 MHz FM.
- 1450 CBKE AB Fort Chipewyan** – LPRT granted CP to move to 99.9 MHz FM.
- 1610 New QC Montreal** – Application for new station, U1(?) 1000/1000, ETH format, “Radio Humsafar” (south Asian).



If we included all the changes Wayne’s been putting into the NRC *AM Radio Log* database, the column would be as long as the *Log* itself. So order your 34th Edition now, and Wayne will be back with the inevitable updates next issue.



Geomagnetic Indices

Geomagnetic Summary June-July 2013

Via Phil Bytheway – Tabulated from email status daily.

Date	Flux	A	K	Space Weather	7/ 1	108	8	1	no storms
6/ 1	106	49	3	moderate, G2	2	114	4	1	no storms
2	111	19	3	minor, G1	3	125	4	2	minor, R1
3	112	10	3	no storms	4	138	5	2	no storms
4	110	10	3	no storms	5	141	9	2	no storms
5	109	6	1	minor, R1	6	134	21	4	no storms
6	109	17	4	no storms	7	126	8	1	no storms
7	110	32	2	moderate, G2, R2	8	119	6	1	no storms
8	103	10	1	no storms	9	120	9	4	no storms
9	96	9	3	no storms	10	118	25	3	minor, G1
10	93	13	1	no storms	11	113	18	2	minor, G1
11	90	6	2	no storms	12	118	9	3	no storms
12	93	5	1	no storms	13	114	10	2	no storms
13	99	4	1	no storms	14	113	20	4	no storms
14	109	4	2	no storms	15	114	25	2	minor, G1
15	111	5	1	no storms	16	114	5	1	no storms
16	116	3	1	no storms	17	111	5	2	no storms
17	124	4	1	no storms	18	115	15	3	no storms
18	125	5	1	no storms	19	114	14	3	no storms
19	123	5	2	no storms	20	113	6	1	no storms
20	126	11	3	no storms	21	109	5	2	no storms
21	133	17	3	minor, R1	22	110	6	3	no storms
22	130	14	3	no storms	23	107	5	2	no storms
23	128	15	3	minor, S1, R1	24	108	5	1	no storms
24	121	15	3	no storms	25	107	11	4	no storms
25	109	8	2	no storms	26	110	14	2	no storms
26	107	4	0	no storms	27	108	11	2	no storms
27	100	8	3	no storms	28	109	7	3	no storms
28	101	22	5	minor, G1	29	112	6	1	no storms
29	100	51	4	strong, G3	30	113	6	2	no storms
6/30	103	11	2	no storms	7/31	109	5	1	no storms

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

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.
- KK-VA **Kraig Krist, Manassas** – Winradio G33DDC SDR, Kiwa loop.
- TLK-FL **Terry Krueger, Clearwater** – JRC NRD-535, ICOM IC-R75, and a slew of others, roof dipole
- JM-PA **John Malicky, Pittsburgh** – Superadio III
- JJR-MI **John J. Rieger, L’Anse** – Grundig Satellite 750.
- MKB-NJ **Mike Brooker, Trenton** – Sony SRF-39FP
- MKB-ON **Mike Brooker, Toronto** – Grundig G5, Grundig YB-400PE, Sony SRF-39FP, Panasonic RF-2200 (receiver emeritus) (Included for sake of completeness. No actual loggings from Toronto this DDXD-E.)

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

STATION NEWS

- 1550 WZUM PA **Braddock** – On the air since July 4 playing a good mix of 1960s-80s Rhythm & Blues oldies! Automated with PSAs (soon planning to add live DJs), inserts and the voiceover ID by NRCer Clarke Ingram, “The Heart and Soul of Pittsburgh, fifteen fifty, WZUM Braddock.” Assume that maybe the city of license from Reserve Township has changed. Ex-WLFP. The historic WZUM calls that began on the now forever silent 1590 station are now brought to life again by the good folks at 1550! (JM-PA)

TIS/HAR

- 1670 WNQN649 CT **East Hartford** – 7/1 2101 – Fair; female monotone announcements including callsign and mention of Connecticut Department of Transportation Highway Advisory Radio. (BC-NH)

THIS IS ONLY A TEST

- 1230 WMML NY **Glens Falls** – 7/1 0058-0402 – 10 second test tones at 7 second intervals continuing through the hour, repeating announcement between tones, “This is the WFAN Mets baseball radio network... CBS Radio New York,” over WBLQ, WRBS, and others. (BC-NH)

UNID

- 700 UNID -- - 7/28 0628 – Fading up with Michael Jackson’s “Off the Wall” then seemingly male canned, “Oldies [and something not copied]” then into another song, but too weak to catch the title. Lost to the Mexican. (TLK-FL)
- 1560 UNID -- - 7/8 2105 – In WSVB/WQEW mix with oldies and station promo mentioning (I believe), “15-60 AM. Don’t forget to tune in our new FM translator [sounded like] Morton 95.5 or you can listen online at [sounded like] QSNradio.com.” (KK-VA)

LOGGINGS

- 540 WLIE NY **Islip** – 7/20 0542 – Fair-good groundwave, presumed with SS talk show, round-table discussion with several men and women alternating. (MKB-NJ)
- 550 WIOZ NC **Pinehurst** – 7/25 0300 – Under WSJW; “...and 550wioz.com” into NBC news. (BC-NH)
- 590 WROW NY **Albany** – 7/28 0300 – Under WEZE; singing “WROW Albany, New York” into CBS news. (BC-NH)
- CJCL ON **Toronto** – 7/1 0200 – Good, over WEZE; CBS Sports Radio, ID, “CJCL Toronto, Sportsnet 590 The Fan.” (BC-NH)

- 620 WSNR NJ **Jersey City** – 7/21 2301 – Good; promo, “...a través de 620 AM,” and “La familia de Radio Cantico Nuevo... WNYG 1440 AM,” parallel 740 WNYH. **(BC-NH)**
- 740 WNYH NY **Huntington** – 6/30 2300 – Under CFZM; “1440 AM is WNYG” and Cantico Nuevo. **(BC-NH)**
- KRMG OK **Tulsa** – 7/30 0633 – ID by male newscaster right at tune-in, story on Obama speaking in Tennessee. WYGM, Orlando semi-nulled. **(TLK-FL)**
- WDGY WI **Hudson** – 7/29 0653 – Poor with many local ads: Cambridgeantiquefair.com, Tenunchis.com, AARP of Hudson County, mentions of 651 and 715 area codes. **(JJR-MI)**
- 770 WJBX FL **North Fort Myers** – 7/30 2300 – Noted with ESPN Deportes, one all-English Morgan & Morgan law firm ad running within each 30-minute block, otherwise all SS. I’m told the flip happened sometime last week. See older memo on the changes here: <http://www.bbgi.com/pdfs/1371578046.pdf> **(TLK-FL)**
- 780 WAVA VA **Arlington** – 7/28 0200 – Over WBBM and YVMN; “WAVA AM Arlington-Washington, a service of Salem Communications, SALM on NASDAQ, available worldwide at wavaam.com” and SRN news. **(BC-NH)**
- 830 WCCO MN **Minneapolis** – 8/4 0100 – After WCRN ID, heard in moment of WCRN dead air; “WCCO, WCCO HD St. Paul-Minneapolis.” **(BC-NH)**
- 870 WHCU NY **Ithaca** – 7/20 0547 – Presumed over WCBS-880 IBOC slop with ad for local Chevy dealer, Wall Street Journal report. **(MKB-NJ)**
- 880 WZAB FL **Sweetwater** – 7/28 0708 – Briefly up over Radio Progreso with “The South Florida Garden Show” and matching their web stream. **(TLK-FL)**
- 940 WINZ FL **Miami** – 7/1 2100 – Fair; “940 WINZ Miami-Fort Lauderdale. This is the Sports Animal.” Fox sports. **(BC-NH)**
- WCPC MS **Houston** – 6/28 0100 – Fair; “We’re channel 9-4-oh, WCPC Houston, Mississippi,” and SRN news. Also noted 6/30 0200* – Good; s/off, “This is Christian radio, AM 940 WCPC Houston-Tupelo signing off for today. We invite you to join us again tomorrow morning for another full day of Christian preaching and teaching on AM 940 WCPC Houston-Tupelo,” and instrumental Star Spangled Banner. Seemed too strong for 7 watts CP. **(BC-NH)**
- 950 WBES WV **Charleston** – 8/3 2300 – Over/under WIBX; promo/ID, “...on WBES Charleston, 95 The Sports Fox.” **(BC-NH)**
- 960 KLTF MN **Little Falls** – 7/29 0709 – Poor with local weather “46 at KLTF” mention into sports. **(JJR-MI)**
- WFIR VA **Roanoke** – 8/4 0400 – Fair; “This is News/Talk 960 AM and FM 107.3 WFIR Roanoke. WFIR news time is 4 a.m.” into ABC news. **(BC-NH)**
- 980 WXLM CT **Groton** – 7/6 2100 – In mix with WCAP and WOFX; promo/ID, “...on News/Talk 980 WXLM ...a Cumulus station.” **(BC-NH)**
- 1030 WWGB MD **Indian Head** – 7/21 0702 – Over nulled WBZ with SS talk (presumably gospel), “WWGB Indian Head and Washington” near-ToH legal EE ID. **(MKB-NJ)**
- 1060 WRHL IL **Rochelle** – 7/25 0400 – Tentative, under KYW; CBS news sounder. WRHL the only other CBS affiliate I could find listed on this frequency. **(BC-NH)**
- WILB OH **Canton** – 7/30 2100* – Under KYW; s/off, “WILB Canton... another broadcast day... Living Bread Radio...” New log. **(BC-NH)**
- 1070 KVKK MN **Verndale** – 7/29 *0659 – Poor with SSB and very detailed sign-on announcement, soon wiped out by WTSO in Madison, WI. **(JJR-MI)**
- 1100 WHLI NY **Hempstead** – 7/28 1956 – In WTAM mix with website promo “At last you can hear this great music 24 hours a day on the world wide web. Listen to ... anytime on WHLI.com.” ToH legal ID at 2001: “This is Connoisseur Media 1100 WHLI Hempstead New York broadcasting from the heart of Long Island... since 1947...” Local weather forecast at 2005 and “the Long Island information you need. The great music you know and love. Hits of a lifetime on 1100 WHLI.” **(KK-VA)**
- 1110 WJML MI **Petoskey** – 7/30 2100 – Under WBT; “It’s 9 o’clock at northern Michigan’s news/talk giant... WJML...” New log. **(BC-NH)**
- WSFW NY **Seneca Falls** – 7/29 1944 – Was hearing another religious station in addition to WYRM (see below). Nice surprise at 2045 with “You’re listening to WSFW Seneca Falls the voice of CSN International... you can also hear CSN 24 hours a day over the world wide web. Log on at www.csnradio.com and...listen now

on the menu bar... CSN is a listener supported network and your donations may be directed... thanks for listening and may the Lord..." **(KK-VA)**

+++ - 7/6 2045* – Fair with presumed sign-off; "You're listening to WFSW Seneca Falls, the voice of CSN International... thanks for listening," and off, leaving WBT in clear. **(BC-NH)**

- WYRM VA Norfolk** – 7/29 1944 – In WFSW/WBT/Cuban mix with "Wisdom for the Heart" religious program, ToH ID at 2000: "This is Virginia's most powerful Christian station with 50000 watts. Serving Virginia and North Carolina at 1110 AM WYRM Norfolk and worldwide at WYRM..." Yea, serving VA and NC until WBT takes over. **(KK-VA)**
- 1120 WKAJ NY St. Johnsville** – 7/2 0300 – ID popped up out of nowhere, "WKAJ 1120 AM St. Johnsville, New York." New station, listed in FCC database as a CP. **(BC-NH)**
- WSME NC Camp Lejeune** – 7/30 1952 – In multi-station mix (KMOX, WUST, UNID gospel and ESPN stations) with oldies, "Freedom 11-20 WSME" slogan and "More songs more variety WSME" ID. **(KK-VA)**
- 1150 WIMA OH Lima** – 7/25 0400 – Fair; "News/Talk 1150 WIMA Lima, 1150wima.com, your home for Fox news." Also noted 7/27 2300 – Over WWDJ; "On air and online, News/Talk 1150 WIMA Lima, 1150wima.com, Lima's home for the Cincinnati Reds" and Reds baseball. **(BC-NH)**
- 1170 WCXN NC Claremont** – 7/26 0100 – Under WWVA; "WWBG Greensboro, WCXN Claremont... Poder ¡Puras Buenas!" and Mexican music. **(BC-NH)**
- 1200 WXIT NC Blowing Rock** – 7/15 2030 – In multi-station mix (WXKS, WKST, UNID gospel) with "American's Radio News", ad for "Mike Johnson Toyota in Hickory". **(KK-VA)**
- 1210 WANB PA Waynesburg** – 7/16 1953 – in WPHT mix with station promo: "At home or on the go. How about us for your country music connection? More music, more variety, more country on cool country WANB." **(KK-VA)**
- 1220 WGNY NY Newburgh** – 8/1 1900 – Fair; "WGNY Newburgh-Middletown, WGNY-FM HD3 Rosendale-Poughkeepsie-Kingston, ESPN Radio." **(BC-NH)**
- 1230 WMOU NH Berlin** – 7/2 0200 – Fair; "1230 WMOU Berlin and W294AZ 106.1 FM, Berlin's new Kiss FM, today's music, Kiss 106.1." **(BC-NH)**
- 1240 WPTR NY Schenectady** – 6/30 0200 – Over the jumble; "WPTR Schenectady... the capital region's Sports 1240, CBS Sports Radio," ex-WVKZ. **(BC-NH)**
- 1250 WTMA SC Charleston** – 7/19 1947 – In WDVA/WGHB and UNID oldies mix with station promo: "Remember, it's 12-50 'The Big Talker.'" **(KK-VA)**
- CJYE ON Oakville** – 7/16 0100 – Fair; "Joy 1250, hometown Christian radio for the GTA." **(BC-NH)** *GTA is Greater Toronto Area, even if CJYE do not put a particularly robust signal into downtown Toronto. Mike*
- 1260 WSHU CT Westport** – 8/3 2100 – Under WMKI; "Fairfield County Public Radio... 1260 WSHU Westport, 1350 WNLK Norwalk..." **(BC-NH)**
- WSKO NY Syracuse** – 7/22 1958 – In mix over WWRC and UNID Radio Disney station with "The voice of the central New York sports fan. 'The Score' 12-60" slogan. **(KK-VA)**
- WZBO NC Edenton** – 7/23 2050 – In multi-station mix (WWRC, WRIE, WPHB and UNID China Radio International station) with "Classic country, WCNC and WZBO" slogan. **(KK-VA)**
- 1280 WJAY SC Mullins** – 7/25 2030 – In multi-station mix (WHVR, WADO, WSAT, UNID Fox sports) with ID by man: "We're WJAY AM and WJAY 98.3 FM Mullins South Carolina." **(KK-VA)**
- 1290 WTKS GA Savannah** – 7/26 2019 – In multi-station mix with station promo: "Over the costal empire and low countries... on news radio 12-90 WTKS." **(KK-VA)** *"Low countries" usually reference the Netherlands, Belgium and Luxembourg. Mike*
- WJCV NC Jacksonville** – 7/26 1959 – In multi-station mix (WWTX, CJBK, WFBG, WTKS, UNID Radio Disney) with "Radio powered by the Son. AM 12-90 WJCV" ID. **(KK-VA)**
- 1300 KPMI MN Bemidji** – 7/29 0719 – Very poor with Bemidji mentions, local "Weather eye" forecast. Lost to WOOD. Not common. **(JJR-MI)**
- 1320 WTKZ PA Allentown** – 7/22 0100 – Over/under WDER; "This is your home for the 2013 World Series, ESPN Radio 1230 WEEX..." **(BC-NH)**
- CJMR ON Mississauga** – 7/18 0448 – Poor in fight with WJAS. "Overnights...1250 CJYE and 1320 CJMR" by woman into soft instrumental music. Not common. **(JJR-MI)**

- 1340 WNBH MA **New Bedford** – 6/30 0300 – Briefly atop; “...ESPN 1340 WNBH New Bedford.” (BC-NH)
- KRBT MN **Eveleth** – 7/29 0722 – Poor with local ads and “The Iron Range’s Sports Leader, the Fan 1340” slogan. (JJR-MI)
- 1400 WSTC CT **Stamford** – 6/30 2300 – Fair; promo for Diane Rehm Show, “...on WSHU Fairfield County Public Radio.” (BC-NH)
- WAMC NY **Albany** – 7/21 0100 – Caught part of multiple station ID, “WAMQ 105.1 Great Barrington, WWES 88.9 Mount Kisco... and WAMC AM...” New log. (BC-NH)
- WHGB PA **Harrisburg** – 7/21 0602 – Over graveyard jumble of UNIDs with CBS Sports Radio run-down of baseball scores, “Sports Radio 95.3 and 1400” slogan and sportsradio953.com website promo. (MKB-NJ)
- 1410 KRWB MN **Roseau** – 7/29 0655 – Poor with mention of “for KRWB sports...” into George Thorogood’s “Bad to the Bone.” (JJR-MI)
- 1450 WRCO WI **Richland Center** – 7/22 0420 – Fair with “Come Softly to Me” by the Fleetwoods and liner including “WRCO Richland Center” before complete fade out! (JJR-MI)
- 1550 WSDK CT **Bloomfield** – 6/25 2057 – In multi-station mix with “Truth for Life” program, ID and station promo: “You’re tuned to 1550 AM WSDK life changing radio. Up next...” Legal ToH ID at 2100: “You’re tuned to 15-50 AM WSDK Bloomfield-Hartford.” (KK-VA)
- WNTN MA **Newton** – 7/20 0700 – Over UNID gospel talker with program disclaimer: “...the opinions expressed are those of the host only and not those of WNTN radio.” (MKB-NJ)
- WITK PA **Pittston** – 6/25 1959 – In multi-station mix (WKBA, WSDK, UNID sports talk, C&W and Cuban stations) with “This is AM 1550 WITK Pittston...” ToH ID by man. (KK-VA)
- +++ - 7/20 0605 – Presumed in battle over another gospel station with Billygraham.org ad and gospel talk entitled “discipline of a godly family.” (MKB-NJ)
- 1570 WECU NC **Winterville** – 7/9 1945 – In multi-station mix with religious singing, station promo: “Wake up weekday morning with Yolanda Adams. Only here on WECU 15-70 AM and 97.9” and slogan “The Promise 15-70 AM.” (KK-VA)
- WQTW PA **Latrobe** – 7/9 2104 – In multi-station mix (WECU, WPGM, WNCA, unid C&W and talk stations) with “... the greatest oldies in a row...WLSW Latrobe...favorite oldies...” station promo. WLSW-103.9 is // WQTW. (KK-VA)
- CKMW MB **Winkler** – 7/18 0409 – Fair to booming level with “Country 88” slogan and “Manitoba” heard later on. They go off in September, moving to FM. (JJR-MI) *Their FM frequency is 88.5, hence the slogan. In Canada the 88.1 to 91.9 portion of the FM band is not exclusively reserved for public or educational stations. Mike*
- 1580 WJFK MD **Morningside** – 7/21 0607 – Usual pest dominating frequency with “CBS Sports Radio” slogan, locally produced non-CBS program sponsored by Washington Urban League discussing scholarships for youth whose parents are incarcerated. (MKB-NJ)
- WGYM NJ **Hammonton** – 7/6 2100 – Good; “Radio you can depend on, News/Talk 1400 WOND Pleasantville-Atlantic City and online at wondradio.com,” into ABC news. (BC-NH)
- 1590 WIJK MD **Ocean City** – 7/12 2057 – In multi-station mix (WFBR, WHGT, WAKR, WFTH) with Baltimore Orioles game v. Toronto Blue Jays, ad for Anthony’s Beer and Wine on Coastal Highway in Ocean City. (KK-VA)
- WARV RI **Warwick** – 7/6 2100 – Under WSMN open carrier; “1590 AM, WARV Warwick-Providence,” and SRN news. (BC-NH)
- WPVL WI **Platteville** – 7/22 0530 – Poor but steady with promo for trip to see the Brewers play at Miller Park, tagged with “the ESPN Double Team” into local weather by woman. Not common. (JJR-MI)
- 1600 WZZW WV **Milton** – 7/14 2033 – In multi-station mix (WWRL, UNID SS, C&W, Fox sports and gospel stations) with “News radio eight hundred WVHU” ID. WVHU-800 Huntington, WV is //WZZW. (KK-VA)
- 1690 CJLO QC **Montreal** – 7/1 2200 – Over presumed CHTO; ID as CJLO Radio Concordia into CJLO news. (BC-NH)

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*)
- JR-OK** John Reed, Shawnee, OK. Racal RA6772E, RA6793A, JRC NRD-545 with Pühler roofing filter; homebrew ferrite tuned loop, Clifton Labs active whip.
- MKB-IL** Mike Brooker, Toronto, ON (DXing from Elburn, IL). Sony SRF-39 FP ultralight
- RD-IA** Rick Dau, at the Super 8 in Coralville (Iowa City), IA. Sangean ATS-909X, Quantum QX Pro loop
- RD-NE** Rick Dau, South Omaha, NE. Sangean ATS-909X, Quantum QX Pro loop
- RS-UT** Ron Schiller (new resident of) St. George UT. Kia car radio, Grundig S-350

DX Logs

- 540 WAUK WI Jackson – 7/5 1515 – Fair-poor with “ESPN Milwaukee” slogan, sports talk about upcoming MLB All-Star Game. (MKB-IL)
- 580 WILL IL Urbana – 7/5 1605 – Fair-poor, presumed with NPR programming, not // WHA-970. (MKB-IL)
- 580 WIBW KS Topeka – 6/29 2300 – Topping the frequency with clear (surprising) ID. (RS-UT)
- 590 WKZO MI Kalamazoo – 7/5 1541 – Fair-poor with local-sounding talk how, “WKZO FM 96.5” ID (AM is apparently irrelevant). (MKB-IL)
- 600 WMT IA Cedar Rapids – 7/5 1511 – Almost local-like groundwave with “News Radio 600 WMT” slogan, Rush Limbaugh show with equally voluble right-wing host filling in for Rush. (MKB-IL)
- 660 KTNN AZ Window Rock – 8/3 0200 – “NBC News Radio” frequent IDs in correspondent tags; this is the network for the least possible news on the hour! Don't usually hear any such and suspect it's KTNN Window Rock AZ; 0202; Home Depot ad and another one seemingly local but whose name I can't recognize; quickly confirmed at 0203 by English ID as “KTNN, AM 660, Window Rock and --- [something] Springs”, right into Dineh chanting you don't hear on any other clear channel station. They habitually append another town to the ID somewhere on the Navajo Reservation. CCI from another English-speaker at a different angle, probably KSKY. Suspect KTNN night-directional is out of whack or being ignored, unprotecting WFAN in almost the same direction as Enid. Look forward to hearing KTNN more around sunrise as we get closer to fall, when legally on non-directional day pattern. (GH-OK)
- 710 KGNC TX Amarillo – 7/18 1456 – On car radio with non-directional antenna in Enid hotspot, I notice that KGNC Amarillo TX has the frequency to itself, hardly any sign of KCMO (originally WHB), Kansas City MO. Both are 10 kW in the daytime, but along with 5 kW KNUS Denver CO, I see in the 2005 NRC Pattern Book that all three protect each other. MKC is slightly further than AMA from here. As would be expected, KGNC puts an even better signal into OKC at about the same 400 km distance. (GH-OK)
- 870 KPRM MN Park Rapids – 7/15 0106 – I'm getting a station with WWL nulled, and it's not in Vietnamese! So for a change, not KFJZ Fort Worth cheating. YL is giving detailed weather forecasts but never mentions a location (which happens too often on local stations, assuming all listeners know where it's coming from). 0107 segue to Star Spangled Banner by small chorus; shucks, no ID or sign-off message. Unschuks: *after* the NA comes the sign-off with complete info although I could not copy it all partly due to nearby lightning crashes although WWL can be completely nulled: this is from Minnesota, dual FM 97.5 with 100 kW; could not catch call but FCC Query shows KDKK, Park Rapids; matches same city for 870, KPRM, which NRC AM Log shows with 25/1 kW, but CP for 40/1. Announced now as 40 kW day, 1 kW night, so the CP is now

on. Also gives hours as 9 am to midnight on Sunday, [CDT = UT -5, Sunday 14-05 Monday UT], presumably longer on weekdays. Carrier with SAH stays on a while longer. **(GH-OK)**

- 880 KRVN NE **Lexington** – 6/29 2245-2255 – With local ads for Chevys & Tacos. **(RS-UT)**
- 950 KDCE NM **Espanola** – 7/28 0659 – Fair with George Strait's C&W classic "A Fire I Can't Put Out," then legal ID: "KDCE, Espanola, now broadcasting on the internet..." Station made the switch over to Spanish programming for the day at 0800. **(RD-NE)**
- 970 WHA WI **Madison** – 7/5 1500 – Fair-good with NPR news, local weather into NPR's "All Things Considered" program. **(MKB-IL)**
- 990 KRSL KS **Russell** – 7/16 2159 – Good with ID: "Your hometown classic country station, we are AM 990 KRSL, Russell." **(RD-NE)**
- 1000 KOMO WA **Seattle** – 7/1 0700 – News atop the frequency, clear KOMO ID. **(RS-UT)**
- 1110 KFAB NE **Omaha** – 6/30 2300 – Fox Business News. **(RS-UT)**
- 1110 KVTX TX **Mineral Wells** – 8/4 0810 – Qur'an audible with KFAB nulled, poor and fading; presumably KVTX Mineral Wells TX. We are certainly multi-cultural, but it still seems a bit odd to be hearing such on MW instead of SW. **(GH-OK)**
- 1180 KYES MN **Rockdale** – 7/24 0133 – Weak in WHAM null w/"Relevant Radio" ID heard, then a replay of the Drew Mariani Show, with discussion about the Pope's visit to Rio. **(RD-NE)**
- 1180 WHAM NY **Rochester** – 7/24 0105 – Good with "Wham 1180" ID heard during weather forecast. Local 1180, KZOT, was taking a rare silent period at the time. **(RD-NE)**
- 1300 KVET TX **Austin** – 8/4 0831 – "Sportstalk AM 1300, The Zone, live from Austin", then 'Sunday Sportsman' show about bass fishing. **(GH-OK)**
- 1370 KJCE TX **Rollingwood** – 8/4 0820 – Ad from someone in the Austin area with an 800 number, so must be KJCE officially in Rollingwood TX, address in Austin. **(GH-OK)**
- 1400 KREF OK **Norman** – 7/27 1300 – Notice that KREF Norman is off the air; back on with sports talk at next check 1315. **(GH-OK)**
- 1430 WCMY IL **Ottawa** – 7/5 1535 – Fair-good with local weather, farm report, "Drive sober or get pulled over" Ad Council PSA, "Full Service 1430 WCMY" ID. **(MKB-IL)**
- 1440 WGEM IL **Quincy** – 7/27 0131 – "Cubs radio network," PSA starting with avoiding mosquitoes. No doubt it's WGEM Quincy IL, as on the Cubs roster, rather than the second harmonic of flagship WGN. **(GH-OK)**
- 1460 KCLE TX **Burleson** – 7/11 2148 – C&W in/out with Texas ads. With tuned loop the signal was better and I heard a call ID. **(JR-OK)**
- 1510 WWHN IL **Joliet** – 7/5 1600 – Fair-poor with gospel music, "WWHN Joliet-Chicago" ID into SRN news. **(MKB-IL)**
- 1510 KMND TX **Midland** – 6/30 2305 – A surprise with "Sports All Day on KRMD" ID, clear. **(RS-UT)**
- 1620 WTAW TX **College Station** – 7/1 2215 – Weak reception with call ID then lost in a fade out. **(JR-OK)** 7/28 2119 – Professor Michio Kaku with 'Science Fantastic' call-in show to 866-323-2538. He answers questions about science phoned in to his answering machine at any time; at the moment about dark matter. Mostly dominant signal but drops off at 0130, local sunset? FCC AM Query shows 2130 (0130 UT) is the July sunset time for WTAW College Station TX, when it must cut from 10 to 1 kW; in August will be 2115. Then a WTAW ID, College Station TX, but not sure if that was the Kaku station until checked his affiliate list, yes 6-9 pm CDT Saturday: <http://tunein.com/radio/options/Science-Fantastic-p152208/> All stations air it at some time on Saturday or Sunday, one, two or three hours. Says he is on 130 stations plus SiriusXM. Also delivers a promo for supporting advertisers on his and other shows on "this station." (Instead of an actual commercial.) **(GH-OK)**
- 1660 KUDL KS **Kansas City** – 6/30 2154 – Good with audio feed from Bloomberg TV's "Live From Asia" program. First time hearing anything from Kansas City on this frequency at this QTH. **(RD-IA)**
- 1680 WOKB FL **Winter Garden** – 7/2 2205 – UC gospel music, weak and fading. **(JR-OK)**

UnID

- 1020 UNID -- 6/30 0122 – QRM to semi-local KOKP Perry OK sounds like the deep voice of the weekend guy on Coast to Coast AM, but there are no 1020 stations on its

affiliate list in USA or Canada; no, not KDKA on FM in that market. I also thought I heard KCKN mentioned (in English), not necessarily from same QRM; any change in Roswell? (GH-OK)

1070 UNID -- 6/30 0128 – Sounds like Roy Masters, looping N-S; instead of on 1090 from KAAV East/West, where he would not be on a Saturday night, anyway. Extensive affiliate list at <http://www.fhu.com/radiostations.html> does not show any on 1070. Could it be KLIO Wichita which has been known to break away from main True Oldies format at other times? No Kansas affiliates on his list. Banner ad I see at top of <http://www.trueoldies1070.com/> is for Auto Masters, not close enough, and there is no program schedule to be found. (GH-OK)

1290 UNID -- 7/26 0142-0145+ – Some station looping roughly NW/SE is sending a regular tone of 17 seconds between pauses of 4 seconds. Presumably some unmonitored misfeed from a satellite program source. There are far too many possibilities in WY, KS, TX, AR, LA, MS. (GH-OK)

TIS

530 "K530AM" OK Vance AFB (Enid) – 7/27 – Finally on July 27 I have a chance to find out its coverage radius on a car radio - surprisingly far for alleged 10 watts, but of course with band-bottom daytime groundwave advantage. It's quite audible as far as I-35 east of Enid, i.e. about 30 miles, and still audible at Guthrie, 40 miles, power line noise permitting; finally losing out around Edmond, 55 miles, just north of OKC. On US 81 south of Enid, it reaches at least as far as Okarche, 45 miles. Noticed some new(?) PSAs in the rotation about swine flu and bird H1N1 flu, but still the equally unlikely threat in Oklahoma from hurricanes, plus the perpetual booster-seat one. (GH-OK)

OTHER

1230 KSEY TX Seymour – 7/2 2205 – QSL card from DX test received in P-mail July 1 for print-out of log report sent by P-mail, with SASE as requested, not to station but direct to V/s and QSL manager Jim Pogue, Memphis TN, who volunteered to design and print the QSLs for this special. F/D with date 3/24/13, time 0517+ UTC. Thanks, Jim! He also enclosed a blank of his own ham QSL KH2AR. KSEY QSL: <http://www.w4uvh.net/KSEY.jpg>. (GH-OK)

ERRATA

A few errors to correct from 80-28: I listed Glenn Hauser's log of 1150 KSAL as being from "Salinas, KS." As-any-long-I-pronouncing Kansan knows, it's really "Salina." Also, 990 KRMO had an ad for the First Methodist Church of Monett, not Monnet as I typed it. And don't you believe that K530AM from Vance AFB is unidentified; Glenn has extensively reported on its existence and operations in this column and elsewhere. I meant to attach a "TIS" heading to the log.

The Editor regrets the errors.

Last call for loggings for Volume 80. Deadline for 8-30 is September 6. Enjoy the rest of your summer. (JDT-WA)

NOAA Space Weather Outlook

Issued August 5 – For the period August 5-31, 2013

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

Solar activity is expected to be at low levels with a chance for M-class (R1 minor on NOAA Scales) flares through the period.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to be at high levels on 05-09 August and again from 14-27 August in response to coronal hole high speed stream activity.

Geomagnetic field activity is expected to be at mostly quiet levels in the absence of any transient solar wind features. Recurrent coronal hole high speed streams are expected to bring unsettled to active conditions on 5, 6 and 8 August, 18-19 August, 21-23 August and 31 August. There is a slight chance for minor storm conditions on 5 August and again on 31 August.

International DX Digest

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Pan-American DX

- 530 **CUBA** *R.Enciclopedia*, Villa María JUN 10 0200 – *R.Enciclopedia* ID. [Connelly-MA]
- 540 **MEXICO** XETX *La Ranchera de Paquime*, Nuevo Casas Grandes, Chih. JUL 12 0528 – Music but as expected in less than a minute, ID for “Ahora en 90.5 FM, con 5 mil watts, La Ranchera de Paquime,” i.e. its doomed original AM outlet, not even worth mentioning. Also as usual, this listed 250-watter is the dominant 540 signal, not the alleged 150,000 watt XEWA in SLP, altho with XETX nulled there is something else weaker, maybe it. [Hauser-OK]
- 539.84 **NICARAGUA** *R.Corporación*, Managua JUL 17 1040 – Right at tune-in, “nicaragüense, la independencia... Esta es Radio Corporación...” and a couple more ID’s. When did this one shift from around 540.11, where it’s been for ages, to now being on the low side? [Krueger-FL] *First noted last year, see IDXD 80-12, but this might be the first positive ID.*
- 550 **MEXICO** XEKL *W Radio*, Xalapa, Ver. JUL 17 1047 – “Desde W Radio” canned ID, brief chatter, into pop-ish vocals with ID between each. Just under a second behind 900 kHz. Listed as 5000/250, and first time logged here I believe. [Krueger-FL]
- 580 **MEXICO** XEMU *Piedras Negras*, Coah. AUG 1 0442 – XEMU has overtaken WIBW Topeka, mentioning “los dos Laredos,” timecheck, “La Rancherita del Aire.” I suppose it covers Laredos too with non-directional day and night signal, but it’s tough luck for WIBW, despite beaming our way at night to protect WILL. [Hauser-OK]
- 600 **CUBA** *R.Rebelde*, San Germán JUN 2 0101 – Vocal, talk parallel 670; loud. [Connelly-MA]
- 600 **MEXICO** XEZ *R.Fórmula*, Mérida, Yuc. JUL 6 1022 – Spanish ballads, male at 1032, “XHZ 105.1 FM... la música... grande...” Then canned “mi tierra” patriotic fanfare. Presumed FM simulcasting. Good on sunrise peak, slight WBOB Jacksonville co-channel. [Krueger-FL]
- 630 **MEXICO** XEFB *Monterrey*, NL JUL 27 1010 – End of Mexi-vocal, male canned “FB 630 AM” into another Mexi-tune, “Son la 5 y 21 minutos” time check. Parallel but web stream behind. [Krueger-FL]
- 640 **CUBA** *R.Progreso*, two sites JUN 2 0059 – Parallel 650 with dance/hip-hop vocal with whistling; good, dominant. [Connelly-MA]
- 650 **CUBA** *R.Progreso*, Ciego de Avila JUN 10 0200 – Parallel 690 with jazz, talk by man; over WSRO. “Wobbling” of the carrier noted at 0201 UTC. Is this intentional or just the ‘gang that can’t shoot straight’? [Connelly-MA]
- 650 **COLOMBIA** HJKH *RCN Antena Dos*, Bogotá JUN 2 0100 – Spanish sports talk mentioning Barranquilla team; mixed with Cuba and WSRO. [Connelly-MA]
- 650 **MEXICO** XEVILL *Noticias*, Villahermosa, Tab. JUL 8 1027 – Weak under an unidentified Mexican that was playing music snips and talk. Then this one bubbled up with male and female, peso mentions, slogan ID 1037. Mostly gone a few minutes later. Listed as 1000/500, a surprise catch. [Krueger-FL]
- 670 **CUBA** *R.Rebelde*, multiple sites JUN 10 0200 – Parallel 710 with lively Spanish vocal; good. [Connelly-MA]
- 670 **CUBA** *R.Reloj*, unknown location JUN 2 0100 – Reloj ticks and “RR” beeps; under *R.Rebelde* and YVLL. [Connelly-MA]
- 670 **VENEZUELA** YVLL *R.Rumbos*, Caracas JUN 2 0101 – Spanish talk about Venezuela items, *R.Rumbos* ID; under *Rebelde* and *Reloj* Cubans. [Connelly-MA]
- 690 **CUBA** *R.Progreso*, Santa Clara JUN 10 0200 – Piano jazz parallel 650; mixed with CKGM. [Connelly-MA]
- 690 **MEXICO** XEN *La 69*, México DF JUL 1 1058 – Tune-in to national anthem in progress, male canned, “XEN, La 69... la Grupo... 50 mil vatios de potencia... Colonia...” into kiddie talk and Mexi-rooster sound effects. [Krueger-FL]
- 690 **MEXICO** XERG *Monterrey*, NL JUL 28 0544 – Break in music for “La RG” promo for 7-9 de la mañana show. Allegedly 1 kW at night. Nothing much from KTSM El Paso, and the KGGF open carrier seems still to be there. [Hauser-OK]
- 700 **COLOMBIA** HJCX *W Radio*, Cali JUN 2 0100 – “W Radio... de Colombia” network ID; dominant. Audio www.qsl.net/wa1ion/audio1/hjcx-700_20130602_0100z.mp3. [Connelly-MA]

- 700 **MEXICO** XEDKR *R.Red*, Guadalajara, Jal. JUL 29 1025 – Tale end of male chatter, into national anthem from 1026 followed by canned ID, “XEDKR, Radio Red... modulada... watts de potencia en Guadalajara... Radio Red... Grupo Radio Central...” followed by trumpet fanfare and mention of “la temenda” by announcer. Re-tune at 1039, local level now and with a brief radio drama with two animated males, lots of references to pesos. At 1044, “Radio Red, 700 AM y... frecuencia modulada.” Don McLean “Starry, Starry Night” bumper music, brief talk about “el congreso de Estados Unidos” and “Rocky Theme” bumper music. [Krueger-FL]
- 700 **MEXICO** unID JUL 29 1059 – Another Mexican, threshold under XEDKR with national anthem. XERV and XEVC have been logged here previously, but so many of these are coming in who knows if it’s another one. [Krueger-FL]
- 710 **CUBA** *R.Rebelde*, multiple sites JUN 10 0200 – Parallel 670 with lively Spanish vocal; over WOR. [Connelly-MA] JUL 18 0039 – One of the listed three with a huge, spastic wobble mode, mixing with indeed two other Rebelde audio sources – all out of sync – and WAQI *R.Mambi*, Miami, the target of all this nonsense. [Krueger-FL]
- 710 **MEXICO** XEDF *La Interferencia 7 Diez*, México DF JUL 30 1051 – End of Spanish dance-pop, male, “La Interferencia 7 Diez” and back to pop-tart vocals. Cuba mostly nulled. [Krueger-FL]
- 710 unID AUG 1 0503 – Really annoying low audible heterodyne (LAH) produced by off-frequency station, loops northeast/southwest, and suspect XEDP Cd. Cuauhtémoc, altho there are three or four other XEs in that general direction. AUG 3 0605 – Spanish man and woman chatting, making a SAH, not a LAH, but soon losing out to two U.S. stations, one with Red Eye, one with Coast to Coast AM. Previously had been bothered by LAH, but no sign of it now, so that station probably XE, has either fixed it or signed off by now, after midnite in most of Mexico. XEDP usually manages to dominate among the Mexicans. Don’t think it was Cuba. AUG 4 0558 – Still trying to confirm the source of the off-frequency station producing a LAH slightly on the low side, the Chihuahua anthem is playing. It finishes at 0600 and the het goes off. The only Chih is XEDP. Yet I hear it other times with no het, such as AUG 4 1140 with 20:6 time check, jingle as “La Ranchera de Cuauhtémoc.” So I remain uncertain. [Hauser-OK]
- 720 **CUBA** *R.Progreso*, Mabujabo JUN 2 0059 – Dance/hip-hop vocal with whistling parallel 640; poor (LSB only, USB wiped out by IBOC). [Connelly-MA]
- 720 **NICARAGUA** *R.Catolica*, Managua JUN 29 1032 – Female sermon nonstop. Good. [Krueger-FL]
- 730 **CUBA** *R.Progreso*, La Fe JUN 2 0059 – Dance/hip-hop vocal with whistling parallel 640; over others. [Connelly-MA]
- 740 **CUBA** *R.Angulo*, Sagua de Tánamo JUN 2 0058 – *R.Angulo* ID; huge! Audio www.qsl.net/wa1ion/audio1/r_angulo_cuba-740_20130602_0058z.mp3. [Connelly-MA]
- 740 **MEXICO** XEKV *Exa FM*, Villahermosa, Tab. JUL 27 1051 – Techno-ish song ending, calls and slogan ID into “Up in the Air” by 30 Seconds to Mars. National anthem at 1058. “Exa FM, 88.5 FM y 740 AM, mucho más música” and more English pop. Exa FM is network based. Someone else, seemingly also pointing Mexico-ish way, briefly mixing with classical music. [Krueger-FL]
- 750 **CUBA** *R.Progreso*, Palmira JUN 2 0059 – Dance-rock/rap parallel 640; under YVKS. [Connelly-MA]
- 750 **MEXICO** XETI *La Huasteca*, Tempoal, Ver. JUL 2 1036 – Mexi-tune ending and seemingly live male, “¡La Huasteca 750 AM!” into another song followed by “¡La Huasteca La Huasteca!” between songs. Alone and briefly excellent on sunrise. First log of this one here, or so I think. JUL 30 1038 – Tropical vocal, “La Huasteca, 750 AM” by man at 1039 UTC. [Krueger-FL]
- 750 **VENEZUELA** YVKS RCR Caracas JUN 10 0200 – “RCR presenta”; dominant. [Connelly-MA] JUN 28 0200 – Fair; “Tridente Deportivo” program. Thanks to Roy Amotos at RealDX for help with ID. JUL 25 0200 – Fair; promo, “...por RCR, 750 AM.” [Conti-NH]
- 760 **COLOMBIA** HJAJ RCN Barranquilla JUN 10 0200 – Pips, “RCN noticias”; good. [Connelly-MA] JUL 22 0701 – Under WJR; “RCN noticias.” JUL 25 0100 – Under WJR; national anthem. [Conti-NH]
- 760 **CUBA** *R.Progreso*, two sites JUN 2 0059 – Parallel 640 et al. with dance/hip-hop vocal with whistling; under HJAJ. [Connelly-MA]
- 770 **CUBA** *R.Rebelde*, Victoria de las Tunas JUN 2 0101 – Spanish talk parallel 670; completely demolishing WABC. [Connelly-MA]
- 780 **COLOMBIA** HJZG *La Voz del Valle*, Cali, JUN 2 0100 – ID “HJZG, La Voz del Valle” (Todelar en Cali), nostalgic music. Thanks to Fredrik Douren and Henrik Klemetz of

- RealDX for ID help. Audio www.qsl.net/wa1ion/audio1/hjzg-780_20130602_0100z.mp3. [Connelly-MA]
- 780 **MEXICO** XEWGR *Exa FM*, Monclova, Coah. JUL 30 1055 – National anthem in progress at tune-in followed by the Coahuila state anthem by male vocalist. A very distinctive anthem, and seemingly the same version as www.youtube.com/watch?v=1bIPCyqjrMo. No ID but by default by state on this channel, this one. [Krueger-FL]
- 780 **MEXICO** unID JUL 30 1058 – Threshold with national anthem beginning at 1058 and way under XEWGR. Pointing northern-ish Mexico. [Krueger-FL]
- 780 **VENEZUELA** YVMN *R.Coro*, Coro JUN 30 0201 – Fair but alone; 9:31 time check and www.radiocoro.com promo. JUL 28 0801 – Under WAVA and WBBM; *R.Coro* jingle. [Conti-NH]
- 790 **CUBA** *R.Reloj*, Pinar del Río and Holguín JUN 10 0159 – Dueling Reloj audios with about one second delay between; mixed with WPRV. [Connelly-MA]
- 790 **MEXICO** XERC *Formato 21*, México DF JUL 27 1101 – “XERC... 50 wats mil potencia...” into female reading news headlines over random instrumental music bed. [Krueger-FL]
- 800 **BONAIRE** PJB *TransWorld Radio*, Kralendijk JUN 10 0200 – “Radio Transmundial” ID by man; over WNNW, CJAD. [Connelly-MA]
- 800 **MEXICO** XEROK *R.Cañon*, Cd. Juárez, Chih. JUL 1 1027 – End of Spanish vocal, male ID 1029 UTC. [Krueger-FL]
- 810 **CUBA** *R.Progreso*, Guantánamo JUN 2 0059 – Dance/hip-hop song with easily-heard whistling parallel 640 et al.; over WGY and various Latin Americans. [Connelly-MA]
- 820 **CUBA** *R.Reloj*, Ciego Avila JUN 2 0059 – Reloj news, ticks, and beeps; mixed with *R.Progreso* Cuban, both well over station in English (WNYC or St. Kitts). [Connelly-MA]
- 820 **CUBA** *R.Ciudad de la Habana*, Arroyo Arenas JUL 7 0800 – Musical signature heard through WGGM and WHAS. [Conti-NH]
- 820 **CUBA** *R.Progreso*, two sites JUN 2 0059 – Dance/hip-hop vocal parallel 640; mixed with *R.Reloj*. [Connelly-MA]
- 840 **CUBA** CMHW *Dobleve*, Santa Clara JUN 10 0200 – “Esta es Dobleve... Santa Clara, Cuba”; over WHAS. [Connelly-MA]
- 850 **MEXICO** XEM Chihuahua, Chih. AUG 4 1144 – Rock music in English is audible with KOA nulled (hardly necessary weak, SAH), fades completely out at 1145, surges 1148, partial ID as “Radio Alegre,” fades out again. Looped approx northeast/southwest. AUG 5 0600 – Rock music in English with KOA easily nulled; fortunately roused at 0607 to hear non-ID as “Milenio Radio en medio de la noche,” so it’s XEM as suspected. I haven’t got a handle on what format Milenio employs, as have heard a variety. Anyhow, this one is not news as in IRCA Mexican Log 2012; it does have the correct slogan, unlike 2013 WRTH showing the former “Renacimiento 850.” Cantú just shows *Milenio Radio + FM 103.7 5000 500* while IRCA and WRTH claim the powers are 5000/1000. [Hauser-OK]
- 860 **CUBA** *R.Reloj*, Jovellanos JUN 2 0100 – Reloj program; dominant with Brazil under. [Connelly-MA]
- 870 **CUBA** *R.Reloj*, multiple sites JUN 2 0100 – Wobbly frequency control noted on this Reloj outlet; over unID Latin American music station and WLVP. [Connelly-MA] JUL 2 0801 – Double RR code with significant delay between two stations. [Conti-NH]
- 900 **CUBA** *R.Progreso*, San Germán JUN 2 0059 – Parallel 640 with dance/hip-hop vocal that had the words “we got the beat” in it (though unrelated to the Go-Go’s song); over other Latin Americans. [Connelly-MA]
- 900 **MEXICO** XEW *W Radio Música 96.9*, México DF JUN 30 1014 – Simulcasting “W Radio Música 96.9” FM. Mostly continuous English indie rock with “Almost Violent” by Rotersand; “Temporary Touch” by Celebrities; “Breathing Underwater” by Metric, etc. Occasional “W Radio Música 96.9” canned ID’s, brief spot for an online university at 1058, into national anthem at 1059, ID, back to music and fading out rapidly. Audio perfectly parallel to their website streaming. [Krueger-FL]
- 910 **CUBA** *R.Cadena Agramonte*, Camagüey JUL 22 0800 – Fair; four ascending notes marking the hour, canned ID, “Desde el cuna de el mayor, transmite Radio Cadena Agramonte, Camagüey, Cuba,” into music program, “...a través de Radio Cadena Agramonte.” [Conti-NH]
- 910 **CUBA** *R.Metropolitana*, Villa María JUL 27 1205 – Nice light classical music program block with announcer fairly often. Another guy joined in at 1247, surprisingly with a fast, accented, “Good morning, good morning, good morning.” So Spanglish has migrated south. Female canned “Radio Metropolitana, la Radio de Casa” at 1301. After that for the remainder of the day, Cuban pop-ish vocals. Excellent all day signal here as long as WTWD

- Plant City is tightly nulled. And they're still airing Noticiero Nacional de Radio news patch at 1300 local time, so all is well. [Krueger-FL]
- 939.88 **MEXICO** XEQ *Bésame*, Mexico, DF JUN 29 1038 – Spanish ballads, hetting Miami. No ID in my brief listen. Reported for quite some time as “Bésame” slogan but Fred Cantú’s site states “Radio La Q” however the station web site states “Lo Mejor de La Radio Apasionada – Bésame...” [Krueger-FL] JUL 22 0501 – In 930 WBEN splatter with 940 WMAC nulled; promo ending with frequency and chimes, then choral national anthem. [Conti-NH]
- 940 **PUERTO RICO** WIPR *Máxima 940*, San Juan JUL 16 0300 – Fair; canned ID, “Esta es WIPR AM San Juan, Máxima 940...” and classic salsa music. [Conti-NH]
- 950 **CUBA** *R.Relej*, two sites AUG 4 0800 – Over/under WIBX; syncopated clock and loud wobbling. [Conti-NH]
- 970 **MEXICO** XEJ Cd. Juárez, Chih. JUL 20 0504 – Full ID with street address for XEJ “La Jota Mexicana.” I often notice the national anthem playing at 0500 next to the Fox-hole I am checking from 960 KGWA and assume it’s XEJ, now confirmed. JUL 27 0524 – Soon as I tune across, music stops and “La Jota Mexicana, 970, nunca igualada.” [Hauser-OK] JUL 28 1107 – Very good with Mexican ballads and ID between them, “...en La Jota Mexicana, nueve setenta.” Nice to hear this old blowtorch again. [Dau-NE]
- 1000 **COLOMBIA** HJAQ RCN Cartagena JUN 2 0101 – Fast-talk sportscast with Colombian teams, apparently same game as on 650 HJKH though possibly a different announcer; dominant. [Connelly-MA]
- 1040 **CUBA** *R.Mayabeque*, Güines JUL 3 1039 – Under local WHBO Pinellas Park but fairly strong with end of traditional Cuban vocal, female. Parallel 1140, which was co-channel *R.Musical Nacional*. [Krueger-FL]
- 1050 **MEXICO** XEG Monterrey, NL JUL 1 1144 – Still in, some guy making a funny voice and repeatedly mis-gendering “la programa,” ha ha, in taking phone calls from people with normal voices. [Hauser-OK]
- 1060 **CUBA** *Radio 26*, Jovellanos JUL 21 0601 – Over/under KYW; signature piano music and time marker a minute behind top of the hour. [Conti-NH]
- 1060 **MEXICO** XEEP *R.Educación*, México DF JUN 30 0500 – In a three-way jumble with KYW and presumed Cuba; choral national anthem. [Conti-NH] JUL 2 1050 – Traditional jazz piano solo till 1058 when mostly lost to *R.Rebelde*. Bits of jazz piano surfacing again from 1102. No trace of 6185 shortwave. [Krueger-FL] JUL 14 0529 – Beethoven’s Ninth Symphony is playing, peaking NNE/SSW or so in interference. Surely it’s XEEP as no U.S./commercial station would be caught dead transmitting that; and so it is as in detailed advance schedule www.radioeducacion.edu.mx/domingo-14-de-julio-de-2013 starting at 12:02 a.m. local. [Hauser-OK] JUL 21 1050 – Thought I had a domestic flipped to a nostalgia format at first. Dolly Parton “Coat of Many Colors” then an ID and URL at 1100, back to Dollyfest with “I Will Always Love You”; “Jolene”; and “In My Tennessee Mountain Home” at tune-out. No sign of 6185 shortwave. [Krueger-FL] JUL 22 0500 – Under KYW; choral national anthem. [Conti-NH]
- 1060 **CUBA** *R.Rebelde*, unknown site JUL 2 1059 – ID, Rebelde sounder theme, into news. I’ve never heard a Rebelde on 1060, and no sign of *Radio 26*, normally heard well here. Same transmitter shifting networks today? You just never know what Arnie’s surprise antics will bring. [Krueger-FL]
- 1070 **COLOMBIA** HJAH *Emisora Atlantico*, Barranquilla JUN 2 0101 – Colombian sportscast, seemed parallel 1000 HJAQ; over jumble and growl from something on 1070.127 kHz. [Connelly-MA]
- 1070 **CUBA** *R.Guamá*, Guane, Pinar del Río JUL 15 2348 – Male and female with light news patter, multiple ID’s. Moderate WKII Solana, Florida (C&W format) co-channel. [Krueger-FL]
- 1080 **CUBA** *R.Cadena Habana/R.Ciudad de la Habana*, Villa María JUL 24 0300-0400 – Lively Cuban music and *R.Cadena Habana* ID’s. 0400 national anthem; over a second Cuban station with a different national anthem. Then romantic ballads which carried through the next two hours with *R.Ciudad de la Habana* ID’s at 0500 and 0600 UTC. Prior to the anthem a clear *R.Cadena Habana* ID, then the first ID after the anthem is *R.Ciudad*. [Saylor-NC]
- 1100 **COLOMBIA** HJAT *Caracol Radio*, Barranquilla JUL 16 0038 – Briefly fair, parallel 1170 on sunset grayline. [Krueger-FL]
- 1100 **COLOMBIA** HJCN *BBN Radio*, Bogotá JUN 30 0800 – Under WTAM dead air; canned ID followed by “las buenas noticias” news from BBN. Thanks to Henrik Klemetz at RealDX for help with ID. New log. In the past *Caracol* Barranquilla was the signal received from Colombia on 1100 kHz. [Conti-NH]

- 1110 **CUBA** *R.Angulo*, Holguín JUL 2 0700 – Fair; canned ID with “Bella Cubana” music followed by chimes and time check. [Conti-NH]
- 1110 **VENEZUELA** YVQT *R.Carúpano*, Carúpano AUG 2 0059 – Under WBT; “...en Venezuela ¡Carúpano!” [Conti-NH]
- 1140 **CUBA** *R.Rebelde*, multiple sites JUN 30 0800 – Under WRVA; news sounder. JUL 21 0759 – Over WRVA; sounder and music program intro, “...hasta las seis de la mañana.” [Conti-NH]
- 1140 **CUBA** *R.Surco*, Morón JUL 20 0300 – Over WRVA in lightning noise; usual canned ID on the hour, “Transmite CMIP Radio Surco, desde Ciego de Avila, capital de la locución cubana.” JUL 25 0301 – Over/under WRVA and *R.Rebelde*; Eagles “Lyin’ Eyes” then canned ID. [Conti-NH]
- 1140 **CUBA** *R.Musical Nacional*, Villa Clara JUL 22 0300 – Fair; announcement of “concierto nº 1 en re menor para piano y orquesta... por la Orquesta Sinfónica de la Radiodifusión de la Unión Soviética...” and classical music. Thanks to Roy Amotos at RealDX. JUL 28 0300 – Fair, over *R.Surco*; “...CMBF Radio Musical Nacional transmitiendo desde la Habana Cuba,” and signature classical harp. [Conti-NH]
- 1140 **CUBA** *R.Cadena Agramonte*, Camagüey JUL 26 0800 – Over/under WRVA; four ascending notes marking the hour followed by canned ID, parallel 910 kHz. Presumed the *R.Enciclopedia* Camagüey site listed in 2013 WRTH. [Conti-NH]
- 1170 **COLOMBIA** HJNW *Caracol Radio*, Cartagena JUN 10 0200 – Fast Spanish talk with Colombia and colombiano mentions, CARACOL ID; over WWVA. [Connelly-MA] JUL 16 0034 – “...en Cadena Colombia, Caracol” male and female trading off news items, remote reporters, commercials. Good on sunset grayline, parallel 1100, about the only Colombians regularly heard on this side of west central Florida, sadly. [Krueger-FL]
- 1180 **CUBA** *R.Rebelde*, multiple sites JUN 10 0201 – Dance-club music parallel 710, some echo; dominant. [Connelly-MA]
- 1190 **CUBA** *R.Sancti Spiritus*, Trinidad JUL 20 0055 – Spanish dance/pop, Celine Dion “My Heart Will Go On” and ID 0101. Back to dance/techno vocals and ID’s, parallel 1210 which was co-channel Radio Rebelde with baseball coverage. [Krueger-FL]
- 1230 unID JUL 20 0041 – Goofy oldie Spanish vocals, 0040 male canned “Sonido” and immediately back to vocals. Quickly lost post-sunset. Presumably something Central American/northern South America. Nothing Cuba seemingly as not parallel Progreso, and nothing on cursory check with a Sonido slogan. Nothing domestic obvious that would propagate at his hour. [Krueger-FL]
- 1320 **CUBA** *R.Artemisa*, Artemisa JUL 6 1050 – Poor but parallel very good 1020 with male and female news items for Artemisa and Ciudad Habana provinces, fill music, ID’s, kiddie program. Co-channel equally weak *Radio 26* (parallel 1060, as was on July 3). So, both remain active on 1320 kHz. [Krueger-FL]
- 1320 **CUBA** *Radio 26*, La Jaiba JUL 3 1019 – Parallel very good 1060 (no trace of *R.Rebelde* audio as was yesterday). Male and female Matanzas Province history items, Nutcracker Suite filler music between items. Mostly poor, but again surfacing at 1105 re-check, now with kiddie program and singing. [Krueger-FL]
- 1320 **MEXICO** XECPN Piedras Negras, Coah. JUL 9 1204 – Checking hi-end MW for remnants of skywave, 42 minutes after sunrise, something in Spanish with 7:04 timecheck before fading. Loops northeast/southwest, rather than northwest/southeast, so not KXYZ Houston which could be in Spanish instead of Chinese at this hour, and no known Spanish in other neighboring U.S. states, so most likely XECPN. A minute later on 1350, then found Univisión América, i.e. KCOR San Antonio so that ties in. [Hauser-OK]
- 1350 **CUBA** *R.Ciudad del Mar*, Aguada JUL 8 1045 – Male light news items mostly Cienfuegos, ID at 1050. Good but crunched by local 1340 WTAN. [Krueger-FL]
- 1570 **MEXICO** XERF Cd. Acuña, Coah. JUN 28 1150 – Concluding a mañanitas song mentioning San Juan, and starting “servicio social” notices of missing persons (extraviadas) with phone numbers on both sides of border, including toll-free 877s. I assume a lot of these are about illegal immigration attempts which may have gone bad; or successful ones with the personas in hiding. JUL 1 1150 – Still in with mañanitas and servicio social announcements, mostly missing persons, but also a dog and a job opening; fading out by 1155 UTC. [Hauser-OK]
- 1620 **CUBA** *R.Rebelde*, La Habana and Guantánamo JUN 10 0201 – Dance-club music parallel 710; fair. [Connelly-MA]
- 1620 **CUBA** *R.Bayamo*, Bayamo JUN 30 0300 – Over/under *R.Rebelde*; *R.Bayamo* ID, but no doorbells this time. [Conti-NH]

Contributors

Mark Connelly WA1ION, South Yarmouth MA; Microtelecom Perseus, north-null cardioid-pattern SuperLoop, 15 m vertical by 20 m horizontal, base height 1.2 m.
 Bruce Conti WPC1CAT, Nashua NH; WiNRADiO Excalibur, MWDX-5 phasing unit, 15 x 23-m variable termination SuperLoop antennas 60° northeast and 180° south.
 Rick Dau, South Omaha NE; Sangean AT5-909X, Quantum QX Pro loop.
 Glenn Hauser, Enid OK; DX-398 with internal antenna.
 Terry L. Krueger, Clearwater FL; NRD-535, Icom IC-R75, Sangean PR-D5, NRD-515, 1 X roof dipole, 1 X room random wire.
 Brett Saylor, Outer Banks NC; Perseus, SuperLoop aimed south.

73 and Good DX!

Confirmed DXer

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

Great convention. I had a wonderful time! Next deadline 10/1/13 pb

- 580 WYHM TN **Rockwood** – N/d verie statement on photocopy of report. V/s Nick. Rcvd in 20 days. MS. Also got sticker and rate card. (DJ-TN)
 600 KTBB TX **Tyler** – P/d letter. V/s Paul L Gleiser, President. Rcvd in 1 month. MS. (DJ-TN)
 850 WFTL FL **West Palm Beach** – F/d letter, map and thank you note. V/s Stacey Fuentes. Rcvd in 79 days, 2 f/ups. MS. (DJ-TN)
 WKNR OH **Cleveland** – P/d letter and staff photo. V/s Warren Jorgenson, CE. Rcvd in 47 days, 1 f/up. MS. (DJ-TN)
 860 WAEC GA **Atlanta** – N/d letter and post card of Round Table pgm staff. V/s Greg Cooper, President. Rcvd in 49 days. MS. (DJ-TN)
 1230 KLVT TX **Levelland** – PPC in 7 days for f/up rpt. V/S Jody Rose, Ops Mgr. (JW-CO)
 1260 WTRP ID **Weiser** – PPC in 73 days. V/S David L Combs, Ops Mgr. (JW-CO)
 WNTX OH **Portsmouth** – P/d letter, magnet and key ring. V/s Chris Smith, PD. Rcvd in 42 days. MS. (DJ-TN)
 1450 WGNS TN **Murfreesboro** – F/d PPC. V/s Scott Walker and sticker. Rcvd in 4 days. MS. (DJ-TN)
 1490 KMET CA **Banning** – E-mail from Mitch McClellan, Partner-GM, who says he's a DXer and was interested in my report. (I invited him to check out NRC). I heard them broadcasting an LA Angels game, rx in 4 days. (RS-UT)
 1590 WLBN KY **Lebanon**- P/d letter, FM station T-shirt and mouse pad. V/s Lisa Kearns. Rcvd in 146 days, 3 f/ups. MS (not used.) (DJ-TN)

John Wilkins, Wheat Ridge CO (JW-CO)

David Jones, Nashville TN (DJ-TN)

Ron Schiller W5VYS/7, St George UT (RS-UT)

*WEBO Owego, NY
Confirming Reception*

News Radio WEBO
1330 AM  **107.9 FM**

Dave Radigan President & General Manager Radigan Broadcasting Group, LLC confirms Kraig Krist, Manassas, VA, received WEBO AM 1330 on May 30, 2013, 7:25pm to 9:05pm EDT.

Thanks for listening. Tune in again.



Pro Sports Networks

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

Network listings for professional sports play-by-play coverage

Here are Minor League Baseball updates from Steve Kennedy.

Rochester Red Wings – 92.1 WYSL-PA should be W221CL-PA. (I do not know if translator calls are used on station IDs, and I do not know what do to in my columns. If I enter "92.1 WYSL" into Google, I get information on the stations at frequencies 1040 and 92.1 in Rochester, NY. In the first-page summary, I see two of ten web pages mention the W221CL translator ID. An example - local powerhouse 780 WBBM-IL also in on a 105.9 FM translator; they mention the FM frequency frequently. I assume that they mention the translator call letters once an hour to satisfy FCC requirements.)

Lehigh Valley Iron Pigs - 1230 WEEX-PA (postgame show heard), so also on 1320 WTKZ-PA.

Reading Fightin Phils - 1340 WRAW-PA (not -NH).

Erie Sea Wolves - 1290 WNBF-NY (not -PA).

Harrisburg Senators - 1460 WTRT-PA (confirmed).

Williamsport Crosscutters - 104.1 W281AR-PA (not WILQ-PA).

Kansas City T-Bones - 980 KMBZ-MO (not 1660).

Lancaster Barnstormers - 1600 WPDC-PA (change from last year's 1390 WLAN-PA).

Sugar Land Skeeters - 1460 KBRZ-TX (not -PA).

Somerset Patriots - 1450 WCTC-NJ (not -PA).

Altoona Curve - 100.7 WTRN-PA is actually translator W26YBZ.

Major League Baseball - Miami Marlins - Add 104.3 WMSF-FL (being simulcast on 790 WAXY-FL).

Perry Allen reports Wichita Wingnuts - 92.7 KWEN-KS.

A week ago I started looking for National League Football information; the first five web sites I visited had not been updated after last season, so I stopped looking. Now, with the first pre-season games happening, I will again look for flagship, announcer, and network information. Please send me URLs that you find. Thanks.

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.

Nothing from Dave this month, which means nothing was received *by* Dave this month. Are NRC members really not musing over things these days?

Several interesting topics of discussion at the convention this year (see report on pages 22-23) ... if you have something to add to the discussion (or even if – as we say here in D.C. – you wish to “revise and extend” your prior comments), Musings is the place to do it. Let’s keep Dave busy, and the pages of DX News full, with your views and ideas.- *DY*

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.

CONVENTION REPORT

Convention host Mark Durenberger e-mailed daily updates from this year's joint convention of the National Radio Club, the International Radio Club of America, the World TV-FM DX Association, and the Minnesota DX Club, "Learning and Sharing," August 1-4 in Minneapolis.

Day 1 (Friday, August 2): Almost everyone has arrived; safely traveled and in good spirits.

Perfect weather for the successful DX-Pedition last night; about 25 folks showed up to participate. Neil Kazaross set up a "Kaz" antenna and phased a pair of unequal BOGs. Richard Anderson brought out a 7-inch FSL antenna ... a tad worse for gravity. Jim Dale and Mike Bates brought (or built on site) some nice loops and I put out a BOG and also a vertical. There were a couple of Perseus SDRs in attendance as well as some very nice radios including the new CR-1.

This morning we dig into LEARNING AND SHARING.

It was so great to meet so many nice people!!!

Day 2 (Saturday, August 3): Bleary-eyed folks bravely made it to our early start yesterday, to take part in "formal" sessions on The DX Fishbarrel, Chasing Sunset Skip, Taming the Short Vertical, Don Moman's Antenna Farm, the FSL Antenna, Advancements in MW Antennas, and a CR-1 Receiver Review. Our presenters were awesome, well-prepared, energetic and eager to share. A number of us participated in the lunch session presented by the IEEE, on the use of meta-materials in advancing antenna performance. Thank you, Chris Fuller!!!

I'm not alone in declaring that I learned a LOT through the day.

The afternoon highlight for most was the tour of the Pavek Museum of Broadcasting. We "clap" our electronic hands in appreciation of the hospitality and the tours of the Museum led by Steve Raymer, Danny Henry and Courtney Bakken.

The evening sessions at the Broadcasting Museum followed business meetings of the clubs. As expected, each club has a somewhat different situation regarding membership size and activity level. Good, constructive input was provided. Ideas on improving accessibility of club information were offered by several blind members. Many favorable comments on the DX Audio Service and several suggestions on service will be transmitted to Fred Vobbe.

The evening was highlighted by a spirited discussion on the future of the the DX Clubs led by Skip Dabelstein. Some clear thought was offered as to how we might reinforce the services our clubs provide their membership.

The NRC members present at its business meeting unanimously approved a resolution to be transmitted to the IRCA, expressing NRC's interest in joining IRCA for its Anniversary Convention in Billings 2014.

IRCA presented its recognition awards to Lee Freshwater and Kraig Krist. Nick Hall-Patch is asked to provide further detail on these awards for the enlightenment of non-IRCA members.

Genial warhorse John Callarman reflected on his years in the hobby and announced that he was donating to the NRC his new, unused Perseus SDR, to be sold in a club-wide auction. Thank you, John!!!

Judos to all who attended ... and our admiration for the energy (and stamina) of those who 'survived' a long and thoroughly enjoyable day.

We also tip our hat in the direction of those fine folks who provided car-pooling to and from the Museum.

If we haven't worn everyone out, we begin another day at 9 AM this morning. A report on "Saturday at the Convention" will follow.

Day 3 (Sunday, August 4):

Even us 'old folks' seemed to have stood up well after another busy day. Saturday-morning sessions at the Museum addressed Loop Construction, an Update on Shortwave Listening, a Review of the Ultralight Scene, a look at How the Pavek Museum Came to Life, and a Review of the Longwave, Ultra-longwave, and "Almost DC" Bands. As usual, many of us learned something new.

The afternoon was open, with a well-attended optional WCCO Radio transmitter tour at the early-1930's plant that's complete with a boiler room, Civil Defense Fallout shelter and the ghosts of Arthur Godfrey and Edward R. Murrow lingering in the hallways. This station once boasted ratings of more than 50% of all radio listeners in the Upper Midwest. Our thanks to host WCCO CE Craig Walters.

The Banquet at the hotel was rated 'excellent' by food critics (though a few of the steaks could have been slightly better-toasted). We enjoyed the stories of DX-er/Broadcaster Dean Sorenson, our Banquet Raconteur.



The Great Big Auction moved more than 150 items, donated by members of all clubs. Phil Bytheway was priceless in his role as Grand Poobah, combining the best qualities of Milton Berle, Billy Graham, Colonel Sanders and John Commutta. Perhaps two-thirds of those present were bidding, spending an average of \$20 each for some really good values. And we raised a bit over \$100 for the Pavek Museum.

This morning, as we say farewell to some of our long-distance travelers, those still standing or able to sit will be challenged by the DX Quiz and we'll view the latest installment of Scott Fybush's Tower Tour.

Your friendly and weary correspondent will eventually deliver a convention wrap-up and some observations on what was clearly a successful event. Even our Minnesota weather was at its best!

Day 4 (Monday, August 5): Sunday at 9 AM, about 30 of us were "left standing" while others executed travel connections. 29 of our 30 got very quiet after Scott Fybush passed out this year's DX Quiz. Judging by the results, some very knowledgeable folks did their best to wrestle with the answers, but the final scores reflected the difficulty of the questions. In fact ... it was a lot of fun.

Scott nicely completed our presentations with the Fybush Tower Tour. That 'photo paper' as usual was so much more than a look at steel; Scott demonstrated his utterly complete knowledge of AM, FM and TV station assignments, changes and allocation activities.

At 12 noon Sunday we had a wrap. Goodbyes were made and hopes were raised that we could do all this again in 2014.

A full convention report will follow with photos, statistics and comments.

Regards, Mark Durenberger.

Observations from the Publisher – Many thanks to Mark and the entire host team for an outstanding convention. Session after session was interesting, informative, and inspiring for another year of DXing. There's nothing like being in a room full of people listening to Neil Kazaross's tapes of West Coast regional channel stations heard in Chicago erupting into cheers of "Yes! KCLK!" at the ID. And it was good to renew old friendships and finally meet the people behind the names I've seen in NRC, IRCA, and WTFDA bulletins.

Skip Dabelstein led a great discussion on the future of DX clubs on Friday night. In a world of social media where young people rarely listen to the radio – and virtually never to AM – people will not find the hobby by listening to the AM clear channels, the way many of us did. And how do clubs add value that will entice new members to join and contribute?

It's a conversation that needs to continue. I encourage everyone to share their ideas by sending Musings to Dave Schmidt, so we can all benefit from your thoughts. And I'll add this: if we want to promote this great hobby, and our awesome club, everyone needs to pitch in. Ideas about what someone else could do are nice, but ideas about what *you* are willing to do are golden! – *David Yocis*.

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