

# DX News

• Serving DX'ers since 1933 •

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**Convention! Convention!** Yes, we have a Convention, after all! Ernie Wesolowski and Carl Mann will be hosting us in Omaha a little later than usual this year – join us October 13-16 for the annual joint NRC/WTFDA convention. Details inside on page 7.

And for information on the IRCA Convention (in Colorado Springs June 23-25) and the annual Madison/Milwaukee Get-Together (in Milwaukee, August 20), please turn to page 18.

**From the Publisher:** DDXD-West is back with a special double-issue after Jim Telford's computer meltdown last time around. Please be sure to check the publication schedule when making submissions to column editors and to the publisher for the summer issues.

### DX NEWS PUBLISHING SCHEDULE

Issue	Deadline (Fri)	Masthead (Mon)
28	July 1	July 11
29	August 5	August 15
30	September 9	September 19

**Sad News:** IRCA's *DX Monitor* reports that Terry A. Klasek, a well-known St. Louis area DXer and former NRC member, died on April 26, age 64. He was a very close friend of the late Richard T. Eddie, another well-known DXer from St. Louis. Terry even had a local radio club during the late 1970s and early 1980s, the St. Louis International DXers (SLIDX). Klasek put together "The Gridly Wave," a bulletin of reports and DX humor. In recent years, SLIDX has been a Yahoo! Group. Memorial donations are appreciated to the United Service Organization (USO).

Also, Willard and Jessie Swiger, the parents of Bill Swiger, our Reprints Manager, both passed away recently. Our condolences to Bill and his family for their loss.

**New Members:** A warm NRC welcome to Chris Knight, Whitehall, PA (rejoins); Joseph Santaniello, New Milford, CT; and Erik Stromsted, Pepperell, MA (rejoins).

**Renewals:** Make sure you check your mailing label to see when your subscription runs out. When it's time to renew, please make your checks out to the "National Radio Club" and send them to club HQ in Aurora, CO. If you send checks to the publisher, I have to forward

them to Wayne in Aurora, and if you make the check out to me personally, I have to send it back to you. All this takes time, especially when I'm traveling for work (as I have been a fair amount recently) and the mail piles up.

We're grateful for your renewal – and your support of the NRC – but we're all volunteers here, so everything goes much more smoothly if you take out that magnifying glass and follow the instructions on the back page!

**NRC AM Radio Log #31 – Sold Out!** The last copies of the *Log* have been claimed, and the cupboard is bare until the 32nd edition rolls off the press in late summer. Until then, please send along any updates, changes, corrections, etc. to Wayne Heinen at sales@nrndxas.org or at P.O. Box 473251, Aurora CO 80047-3251.

### THE DX TIME MACHINE

**75 years ago:** From the June 1, 1936 *DX News*: Preparations were underway for the club's third annual get-together in York, Pennsylvania on Sunday, June 21. . . . German shortwave station DJD, on 11.77 mc/s, will broadcast daily reports to the Americas, in German and English, on the Summer Olympics, which are due to begin in a month. . . . KDKA and WGY have requested power increases to 200 kW.

**50 years ago:** From the May 20, 1936 *DX News*: John Sampson reported that his new apartment in Hutchinson, Minn. is a much better DX location; he reports QSLs including 4YA-780 with 3GI-830 still outstanding. . . . Alex Bowab, Atmore, Ala., notes that only two Alabama stations now operate all night – WSGN-610 and WABB-1480.

**25 years ago:** From the June 9, 1986 *DX News*: Bill Townshend's DX from Easter Island included KLUB-570, WSM-650, WLW-700, KTRH-740, WBAP-820, KOA-850, KRVN-880, KTWO-1030, KFAB-1110, KSL-1160, WOAI-1200, KFBK-1530, and KWOW-1600, all on a Patrolman SW60.

**10 years ago:** John Bryant, Mark Connelly, and Ken (last name not given, with a DXpedition site at Coe Hill ON) reported on their tests of KAZ and pennant antennas, and John Bryant added an article on constructing impedance transformers for antennas.

# AM Switch



**Bill Hale** w\_r\_hale@sbcglobal.net

6124 Roaring Springs Drive

North Richland Hills, TX 76180-5552

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

## CALL LETTER CHANGES

<u>Old Call</u>	<u>New Call</u>
1110 KAOI HI Kihei	KIMO
1160 KHPP IA Waukon	KSFF
1300 CP MN Bemidji	KNOW
1350 CP QC Gatineau	CIRA-5
1450 WYFY NY Rome	WRUY
1480 WWKO NC Fair Bluff	WQTM
1490 CP TX Alpine	KBZB
1590 WMHZ MD Ocean City	WAMS
1600 WAMS DE Dover	WMHZ



[reported as going silent, then returning]

## CONSTRUCTION PERMITS ON THE AIR

790 WBLO NC	Thomasville – Is now on the air with U1 10000/26.
1190 WCRW VA	Leesburg – CP for D3 50000/0 is on the air, moving from 1200 and giving up their nighttime authorization. The pattern is (almost) a circle anchored at the transmitter site at 39-02-28/77-26-42 and headed to the southeast with a small bulge to the north.
1380 WMTD WV	Hinton – Is now on with U1 1000/13.
1460 KCLE TX	Burleson – Is now on with U4 11000/700.
1550 KESJ MO	St. Joseph – Is now on with U2 2500/500 from a new 4-tower site at 39-49-39/98-48-39. This new 'site', incidentally, is located between the two towers of co-owned KFEQ-680.

## ACTIONS

550 KUZZ CA	Bakersfield – Coordinate correction to 35-20-25/118-56-19.
600 WMT IA	Cedar Rapids – Licensed for U2 5000/5000, WMT is operating under a <b>Special Temporary Authorization (STA)</b> . It seems a cell tower has been built about 1.15 km southwest of the WMT three-tower array and is causing re-radiation problems with their nighttime directional pattern. The FCC granted the STA and WMT is currently licensed "with variations" while the station works to rectify the situation. All this means is the night pattern may not be exactly as intended.
600 WREC TN	Memphis – Licensed for U4 5000/5000, WREC is operating under an STA with U1 1250/1250 while WDIA-1070 is using one tower of WREC's array. [see WDIA item below].
610 WXVA VA	Winchester – CP granted for U2 380/500, decreasing daytime power and eliminating directional operation from a new day transmitter site at 39-07-26/78-12-44. Their 4-tower <b>nighttime site remains at 39-11-53/78-13-13.</b>
610 WAGG AL	Birmingham – Licensed for U2 5000/1000, WAGG is operating under an STA with U1 5000/250 due to, as stated on the FCC filing: "... as part of an extensive urban renewal initiative, the City of Birmingham has begun demolition, grading, and construction on land immediately adjacent to WAGG's nighttime antenna site. As part of this project, the ground system for one of WAGG's nighttime towers has been adversely altered and the heavy equipment on site has disrupted the transmission line feeding the tower."
790 KBRV ID	Soda Springs – CP granted for U1 10000/150.
940 WLQH FL	Chiefland – Coordinate correction to 29-30-54/82-53-05.
950 KJRG KS	Newton – Coordinate correction to 38-02-39/97-22-21.
1030 WCTS MN	Maplewood – Licensed for U4 50000/1000, WCTS is operating at U4 25000/1000 until approximately then end of July, while WREY-630 is in the process of co-locating into the WCTS array.

- 1070 WDIA TN Memphis – **WDIA is licensed for U4 10000/1000**. After flooding damaged its transmitter site and the station was off the air temporarily, **WDIA is now operating under an STA with U1 1250/1250** using one tower of co-owned WREC's 3-tower array at 35-11-42/90-00-35.
- 1070 WINA VA Charlottesville – Coordinate correction to 38-05-19/78-30-23.
- 1140 WMMG KY Brandenburg – Coordinate correction to 37-59-09/86-11-04.
- 1150 KIMM SD Rapid City – **KIMM remains licensed for U2 5000/500**, but is **operating under an STA with U1 5000/66**, as the time limit expired for their U2 5000/400 CP. They have applied for U1 5000/66 on a permanent basis, eliminating their nighttime directional operation.
- 1170 WACV AL Montgomery – **Licensed for U4 10000/1000** and having applied for U4 10000/4, **WACV is operating under an STA with U1 4500/7**.
- 1210 NEW IN Osceola – **Construction Permit (CP) granted for U4 2500/219** from four towers (3-days/4-nights) at 41-38-33/86-03-13. Both patterns favor the west.
- 1250 KZDC TX San Antonio – **Licensed for U4 25000/1000** from two different sites, KZDC has a **CP to move to two new (again separate) sites with U4 25000/2000**. They lost their lease on the 'old' properties, and were granted an **STA for U1 6250/250**, operating non-directional from the 'new' day site. They completed the 'new' day site and have been operating there, but had problems with the 'new' night site. Thus the STA. Now they have proposed a move to yet, another night site with 920 Watts. That new site is the four tower array of co-owned KTSA-550 with 920 Watts (taller towers = lower power). They propose adding a fifth tower for the sole use of KZDC. Of the new total of five towers, KTSA will continue in their current configuration of using four at night, and KZDC's night operation will use the proposed fifth tower and three of the KTSA array. Whew!
- 1270 KDJI AZ Holbrook – Coordinate correction to 34-54-21/110-11-25.
- 1280 WMXB AL Tuscaloosa – **CP granted for U1 5000/35**, eliminating their nighttime directional operation.
- 1320 WLOH OH Lancaster – Coordinate correction to 39-42-13/82-33-13.
- 1340 KVGC VA Jackson – This new station, not yet on the air, had a CP for U1 270/1000, then applied for U1 440/250. The initial CP has been deleted, and **they have now been granted U1 440/250**.
- 1380 WMTD WV Hinton – **CP granted to add night operation as U1 1000/13**.
- 1410 WIHM IL Taylorville – **Licensed for U4 1000/63**, WIHM is operating under an **STA with undisclosed power levels** for the purpose of replacement of the cables from the transmitter to the towers. No 'get well' date is specified.
- 1420 NEW NM Rowe – **CP granted for U1 2500/103 at 35-29-51/105-40-20**. Rowe is located about 20 air miles (35 if you take I-25) southeast of Santa Fe.
- 1420 WCED PA DuBois – **Licensed for U2 5000/500**, WCED has been operating under an **STA with U1 5000/125** since October 2009 when a windstorm damaged the center tower of their 3-tower array. **Now, a CP has been granted for U1 4200/5 at a new site at 41-08-25/78-49-50**, and to eliminate their nighttime directional operation.
- 1440 WLXN NC Lexington – Coordinate correction of their daytime array to 35-50-02/80-14-01 and the nighttime array to 35-49-56/80-17-14.
- 1450 KOBO CA Yuba City – **CP granted for U1 160/500**.
- 1450 KGFF OK Shawnee – Coordinate correction to 35-21-10/96-52-39.
- 1460 KBRZ TX Missouri City – **Licensed for U1 5000/125**, **KBRZ is operating under an STA with U1 3200/100** from a licensed, but unused, tower of co-owned KTRX-980 Rosenberg-Richmond at 29-33-11/95-47-02.
- 1450 WMJQ PA Milford – Coordinate correction to 41-20-10/74-47-45.
- 1450 KYLW MT Lockwood – **Is operating under an STA with U1 90/90** while they search for a new tower site.
- 1460 KZNT CO Colorado Springs – **Is now on with U2 5000/540**.
- 1490 WAZZ NC Fayetteville – Coordinate correction to 35-04-06/78-54-09.
- 1550 WCLY NC Raleigh – **WCLY is licensed for U1 1000/7**. On April 16<sup>th</sup> a tornado destroyed their tower. They erected an inverted-L antenna 40' high and 110' long at their studio/transmitter site and **operated with U1 250/0**. This new **STA specifies U1 1000/0** for 'up to six months' while they find a new tower site.





- 1550 CBE ON Windsor – The simulcast period for CBE, which has moved to FM (CBEW-FM 97.5), has been extended by the CRTC to September 30. From the application, it seems that CBEW-FM is being QRMed by IBOC from the 97.1 and 97.9 stations in Detroit.

### CONSTRUCTION PERMIT AMENDMENTS

- 1030 NEW AL Maxwell AFB – This new station has a CP for U4 50000/1000, but has now applied for U1 5000/11 CH 5000.
- 1110 WGNZ OH Fairborn – Licensed for D3 2500/0 CH 1700, WGNZ has a CP for D4 5000/0 CH 1700. This amendment requests U7 5000/2 CH 1700.
- 1220 KPSF CA Desert Hot Springs – This new station, not yet on the air, has a CP for U4 1400/1200. This amendment requests a move to 1200 kHz with U4 5000/1300 and a change in City-of-License to Cathedral City using the KXPS-1010 tower array.
- 1490 NEW AL Fayette – New station, not yet on the air, has a CP for U1 1000/1000. This amendment requests a change in City-of-License to Coker (a western suburb of Tuscaloosa), a move of about 25 miles, with the same facilities.
- 1490 WACM MA West Springfield – Licensed for U1 470/470, WACM has a CP for U1 1000/850. This amendment requests U1 1000/830.
- 1590 WGBW WI Denmark – Licensed for U4 1000/33 at Two Rivers, WGBW was issued a CP to move here with U4 10000/200. They have now applied for U4 10000/500.

### APPLICATIONS

- 1010 CBR AB Calgary – Applies to move its transmitter site to 51-02-24/113-38-51, a rural location about 30 km east of Calgary.
- 1120 WXJO GA Douglasville – Applies for D4 10000/0 CH 9000.
- 1140 KYOK TX Conroe – Applies for D4 700/0 CH 700 moving to Katy.
- 1310 WJUS AL Marion – Applies for U1 5000/33.
- 1340 WKSN NY Jamestown – Applies for U1 260/520 moving to the tower of WJTN-1240.
- 1410 WTIK NC Concord – Applies for D1 1000/67.
- 1520 KVTA CA Port Hueneme – Applies for U2 (from U4) 10000/1000.
- 1520 WSVX IN Shelbyville – Applies for U1 260/4 CH 260.
- 1590 WAMS MD Ocean City – Licensed for U4 1000/230, WAMS has been operating under an STA since July 2009 with U1 250/50. They have now applied for U1 250/29 on a permanent basis.
- 1690 CHHA ON Toronto – Applies for U3 6250/6250.

### APPLICATION AMENDMENTS

- 1260 WWRC DC Washington – Licensed for U4 5000/5000, WWRC has applied for U4 20000/5000. This amendment requests U4 25000/5000.

### APPLICATIONS FOR NEW STATIONS

- 1020 APP NV Blue Diamond – Applies for U4 5000/250.
- 1120 APP FL Coral Springs – Applies for U7 9500/1100 CH 6700.
- 1420 APP NM Rowe – Applies for U1 2500/103.
- 1550 APP TX Midland – Applies for U4 50000/300.

### AM ON FM

- 580 WDBO FL Orlando – W240BV (95.9) Mount Dora
- 640 WGST GA Atlanta – W222AF (92.3) Marietta
- 660 WPYT PA Wilkesburg – W261AX Pittsburgh
- 900 WUAM NY Watervliet – W291BY (106.1) Troy
- 930 WFMD MD Frederick – W286CA (105.1) Hawbottom
- 1130 WASP PA Brownsville – WPKL (99.3) Uniontown
- 1140 KCXL MO Liberty – K275BQ (102.9) Richmond
- 1180 WSFM NC Carolina Beach – W240AS (95.9) Wilmington
- 1240 WTAX IL Springfield – W298AP (107.5) Springfield
- 1430 WHAN VA Ashland – W273BU (102.5) Ashland
- 1490 WRCE NY Watkins Glen – WNGZ (104.9) Montour Falls
- 1530 WYGR MI Wyoming – W235BN (94.9) Grand Rapids
- 1600 KRKE NM Albuquerque – K208EO (107.5) Sandia
- [1600 KOKE TX Pflugerville – No longer on K274AX (102.7) Austin]



### DISMISSALS AND DELETIONS

690	KZEY	TX	Tyler – Licensed cancelled; call deleted.
1160	WJFJ	SC	Tryon – CP for U2 25000/500. <b>WJFJ remains U2 10000/500.</b>
1180	WFGN	SC	Gaffney – Licensed cancelled; call deleted.
1270	KPDA	ID	Twin Falls – CP for U1 10000/1000. <b>KPDA remains U1 5000/1000.</b>
1340	CIBQ	AB	Brooks – <b>Is silent</b> for good as of May 22, as the 90-day simulcast period with their <b>new FM on 105.7</b> came to an end.
1400	KCLA	AR	Pine Bluff – Licensed cancelled; call deleted.
1410	WDKS	MS	Cleveland – Licensed cancelled; call deleted.
1490	KOTN	AR	Pine Bluff – License cancelled; call deleted.
1520	WDCY	GA	Douglasville – <b>Licensed for D1 2500/0 CH 800</b> , WDCY applied for D1 50000/0 CH 50000. They have rescinded the request for CH 50000, leaving the application for 50 kW daytime and remaining 800 Watts during CH.
1600	NEW	VA	Halifax – Application for a new station.

### HEAR AND THAR

- ✿ **Reported as Back On:** **KXOR-660 Junction City, Oregon**; **KWDP-820 Waldport, Oregon** returns to the air with standards/talk; **KMPH-840 Modesto, California** has been reported airing ‘just music’ with abrupt IDs, all intended most likely to interrupt their silent period so as not to lose their license; also reported to be not changing their antenna pattern, so DXers east of California may want to try for them; **WAMD- 970 Aberdeen, MD** is back on (again) with the *KHZ Radio* format, a la **WYRE-810 Annapolis** and **WKHZ-1460 Easton, both Maryland**, and now had added **WTRI-1520 Brunswick, Maryland** to the network; **WASP-1130 Brownsville, Pennsylvania**; **WSFM-1180 Carolina Beach, North Carolina** returns to the air with Spanish AC as *Radio Maxima*; **WNEB-1230 Worcester, Massachusetts** returns to the air with EWTN Catholic Religion as *Emmanuel Radio 1230*; **WPBC-1310 Decatur, Georgia** is back with Black Gospel as *Reggie AM 1310*.
- ✿ **Reported as Silent:** **WATV-900 Birmingham, Alabama**; **WEZZ-930 Brantley, Alabama** as they search for a new tower site; **WKSC-1300 Kershaw, South Carolina**; **KZTD-1350 Cabot.**
- ✿ **Almost On:** **WVZN-1580 Columbia, Pennsylvania** is on, but on VERY low power. It only was covering about a 10 mile radius and is very overmodulated.
- ✿ **Fines:** A fine of \$25,000 has been assessed to **WIRJ-740 Humboldt, Tennessee** for violations relating to tower fencing, their non-functioning Emergency Alert System (EAS) equipment, and failure to maintain a Public Inspection File; a fine of \$21,000 has been assessed to **KVOZ-890 Del Mar Hills, Texas** for failing to maintain a main studio in the community of license, operation inconsistent with the terms of its station authorization (failure to power down at night), and maintain and make available a complete public inspection file [a personal note: this station has wreaked havoc on 890 for me for a number of years. Maybe this will get their attention]; a fine of \$10,000 has been assessed to **WDLX-930 Washington, North Carolina** for violations concerning their (lack of) Public Inspection Files; a fine of \$10,000 has been assessed to **WHAW-980 Lost Creek, West Virginia** for Public Inspection File violations; a fine of \$10,000 has been assessed to **KNX-1070 Los Angeles** for failure to replace a non-functioning **red** obstruction light on its tower; a fine of \$14,000 has been assessed to **WLBH-1170** (along with **WLBH-FM**) **Mattoon, Illinois** for tower fencing violations and failure to maintain a staff presence at their main studio; a fine of \$25,000 has been assessed to the owner of **WQQZ-1190 Fairview Heights, Illinois** and **KZQZ-1430 St. Louis, Missouri** for Public Inspection File violations for both stations and for failing to change patterns at LSR and LSS for **KZQZ**; a fine of \$25,000 has been assessed to **WEGA-1350 Vega Baja, Puerto Rico** for violating the terms of a negotiated agreement made between the he station and the FCC (paying with a ‘rubber check’); a fine of \$5500 has been assessed to **WCLM-1450 Highland Springs, Virginia** for violations involving their non-functioning EAS equipment; non-functioning remote control equipment, and lack of a Public Inspection File at its main studio; a fine of \$24,000 has been assessed to the owners of **WQQX-1490 East St. Louis** and **WQQW-1510 Highland, both Illinois** for violations concerning both stations’ non-existent Public Inspection Files [the two previously mentioned stations and those above on 1190 and 1430 are commonly owned]; a fine of \$7000 has been assessed to **WWSM-1510 Annville-Cleona, Pennsylvania** for tower fencing violations and failure to maintain a staff presence at their main studio.
- ✿ **News Item:** As part of a movie promotion, Altoona, Pennsylvania changed its name to “POM Wonderful Presents: The Greatest Movie Ever Sold” at Noon EDT on Wednesday April 27<sup>th</sup>. Does that mean that all three AM (and FM and TV) stations in Altoo . . . er, ah, I mean, POM Wonderful Presents: The Greatest Movie Ever Sold have to ID using that new city title? Not

likely. So don't change your AM Logs to reflect the new 'city name'. The promotion is only good for 60 days, so you may hear a non-legal ID once or twice, depending on if the broadcasters go along with the gag.

- ✿ **News Item:** Transport Quebec and Cogeco are teaming up to create two new all-traffic AM radio stations (one French on 690 kHz; one English on 940 kHz) for the Montreal region. As of the fall, the stations will broadcast from 4:30 a.m. to 1 a.m. on weekdays, and from 6 a.m. to 1 a.m. on weekends. They will focus on traffic conditions on major roads and bridges, road conditions, roadwork, transportation public-awareness campaigns, and the weather, Transport Minister Sam Hamad announced on Monday. Transport Quebec will spend \$3 million per year to finance part of the stations' operating costs. Both stations propose the former facilities of CINF on 690 and CINW on 940, both operating with U3 50000/50000.
- ✿ **News Item: News Item:** Big AM Project at KKXA Progresses - It's something of a celebratory event when a big new AM goes on the air. KKXA-1520 isn't quite there yet but will be soon. Two new towers have been erected. The Puget Sound-area station will blast 50 kW at night and start at 20 kW during the day. It is hoping for approval to move to 50 kW full-time. The debut air date is tentatively at the end of July and the format is up in the air, pending a rough survey of prospective area listeners (country and all-news are leading so far). KKXA will be the sister station of sports talker KRKO-1380 Everett. The Snohomish area site where the KKXA towers are situated is also home to those of KRKO-1380. Those sticks received unwanted publicity when they were vandalized last year and required rebuilding. Add to that the difficulty in getting the required permits and approvals and it is possible that KKXA will be the last new commercial signal in the area. There are six towers total at the site; four serve KRKO in a parallelogram; four serve KKXA as an in-line array. One taller tower is KRKO-only and not shared. Two of the six towers are shared. Both stations are omnidirectional daytime. The KKXA name "is a nod to one of Western Washington's first radio stations, KXA-770, a station now broadcasting as KTTH 770, 'The Truth.'"
- ✿ **News Item: News Item:** Missouri AM Returns to the Commercial Fold - The trend for many years has been for noncommercial operators to pick up signals in the commercial band and convert them to an NCE license. But every so often, we're seeing stations go back in the other direction. Such is the case with KMRF-1510. There is no reserved band – meaning frequencies set aside for non-commercial broadcasting – on the AM dial, so any noncom AM station is automatically a case of a noncommercial incursion into commercial territory. KMRF is licensed to Marshfield, Missouri, located to the east of Springfield. It's a Class D day-timer, with 5 kW daytime and 1.6 kW during Critical Hours using two different patterns (NRC's "D4"). The station is commanding a decent price tag – \$350K.
- ✿ **As you can see in the GYDX Achievements that follow,** I have been kept busy with submissions from **Gary Siegel of Toledo, Ohio**. Due to space limitations, I am including only those for 1230 kHz this issue. The others will have to wait to see print. A timely reminder for all who submit, as mentioned on the GYDXA page at <http://www.nrcdxas.org/>, I figure all mileages. So there's no need for you to send that data, even if you figure it for your own reference. Also, if you logged a station with multiple call letters, only submit the first set heard.
- ✿ **Tips courtesy of: Shawn Axelrod, Wayne Heinen, Deane McIntyre, Tim Noonan, Dave Schmidt and Al Tobia.**

### GRAVEYARD DX ACHIEVEMENTS – UPDATE

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

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

#### 1230 kHz

<u>Station</u>	<u>City</u>	<u>DXer</u>	<u>DX Location</u>	<u>Miles</u>
WTBC AL	Tuscaloosa	Gary Siegel	Toledo, OH	+ 624
KBTM AR	Jonesboro	Gary Siegel	Toledo, OH	556
WBLJ GA	Dalton	Gary Siegel	Toledo, OH	+ 484
WSAL IN	Logansport	Gary Siegel	Toledo, OH	+ 157
WHIR KY	Danville	Gary Siegel	Toledo, OH	+ 283
WCUM MD	Cumberland	Gary Siegel	Toledo, OH	+ 289
WMPC MI	Lapeer	Gary Siegel	Toledo, OH	+ 99
WSOO MI	Sault Ste. Marie	Gary Siegel	Toledo, OH	+ 333
WFAI NC	Fayetteville	Gary Siegel	Toledo, OH	+ 522
WNNC NC	Newton	Gary Siegel	Toledo, OH	433
WEEX PA	Easton	Gary Siegel	Toledo, OH	* 439

WCRO	PA	Johnstown	Gary Siegel	Toledo, OH	+ 259
WBPZ	PA	Lock Haven	Gary Siegel	Toledo, OH	* 318
WNOC	SC	Columbia	Gary Siegel	Toledo, OH	+ 548
WJOY	VT	Burlington	Gary Siegel	Toledo, OH	+ 557
WODI	VA	Brookneal	Gary Siegel	Toledo, OH	+ 404
WXCF	VA	Clifton Forge	Gary Siegel	Toledo, OH	332
WFVA	VA	Fredericksburg	Gary Siegel	Toledo, OH	+ 400
WNOR	VA	Norfolk	Gary Siegel	Toledo, OH	+ 513
WLOG	WV	Logan	Gary Siegel	Toledo, OH	276
WXCO	WI	Wausau	Gary Siegel	Toledo, OH	+ 381
CKMP	ON	Midland	Gary Siegel	Toledo, OH	281
CJTT	ON	New Liskeard	Gary Siegel	Toledo, OH	+ 447
CFPA	ON	Thunder Bay	Gary Siegel	Toledo, OH	+ 542
CHVD	QC	Dolbeau	Gary Siegel	Toledo, OH	* 741

**GY Totals**

<u><b>DXer</b></u>	<u><b>DX Location</b></u>	<u><b>1230</b></u>	<u><b>1240</b></u>	<u><b>1340</b></u>	<u><b>1400</b></u>	<u><b>1450</b></u>	<u><b>1490</b></u>	<u><b>Total</b></u>
Gary Siegel	Toledo, OH	50	64	82	66	69	58	389
Russ Edmunds	Combined NJ/PA	41	50	52	52	54	63	312

## It's Omaha in 2011!



October 13-16, 2011

Comfort Inn and Suites  
7007 Grover Street, Omaha NE

Once again the "BIG-O-TEAM" rises again to host a Convention! They will host the National Radio Club/WTFDA Convention! The convention will be held at the Comfort Inn and Suites at 7007 Grover Street, Omaha Nebraska 68106. The Inn is located north east of I-80 at the 72nd Street exit number 449.

We have Ballroom "C," a hospitality room on the 3rd floor, an airport and bus shuttle, deluxe continental breakfast, guest laundry, 24 hour fitness room and business center, and a large indoor pool.

Make your reservations directly with the hotel at **Area Code 402 934-4900; this is the ONLY number to receive our convention rate!** You **MUST mention the NRC/WTFDA Convention Rate** of \$75 plus tax = \$88.62 per night which is for 1 to 4 persons per room. The Convention registration fee is only US\$45 per person; children (age 11 and under) US\$13. Please make checks payable to: National Radio Club and mail them to Ernest J. Wesolowski, 13312 Westwood Lane, Omaha, NE 68144-3543 by October 1. You may also register on line, **using Pay Pal Only**, at the National Radio Club website <http://www.nrcdxas.org>.

Activities will begin at 3 P.M. on Thursday, October 13 and will included tours which will be announced, as well as the ever popular Auction. Please send auction items to Ernie. The Saturday night banquet is included in your registration fee and will feature a popular DX Audio Service editor as the guest speaker. Spouses and children are welcome and pets are allowed at the hotel, please inquire with the hotel for restrictions and any additional charges.

Come to OMAHA and see where the College Baseball World Series is held, the home of Warren Buffett, the TV/FM Antenna Farm and Clear Channel KFAB-1110. If you have any questions you may contact Ernie at his postal address above or via email at [neerniew@yahoo.com](mailto:neerniew@yahoo.com)



# *Domestic DX* **Jim Tedford** [Radio\\_Enthusiast@hotmail.com](mailto: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.

Thanks to a computer meltdown, I was unable to submit the column in time for the print version of issue 78-26. So as a result, this time we have a super-duper double issue. Two for the price of one!

Welcome to new reporter Gardiner Waterbury from Peoria, Arizona. And good to hear from Dale Park in Hawaii for the first time in a while.

## Reporters

- DP-HI** Dale Park, Honolulu, HI. Sangean ATS-818CS, Terk AM1000 loop.  
**GW-AZ** Gardiner Waterbury, Peoria, AZ. Grundig Satellit 750, Grundig S350DL, Sony ICF-2010, Sony ICF-7600GR, CC Radio 2.  
**JB-CA** John Butler KF6GNI, Novato, CA. Sony ICF-2010.  
**JJR-WI** John J Rieger, So. Milwaukee, WI. Icom IC-R75, Kiwa loop, MFJ-959B tuner-preamp.  
**JEL-MO** J E Lewis, Kansas City, MO. Honda Odyssey car radio.  
**JW-CO** John Wilkins, Wheat Ridge, CO. Drake R-8, 4-foot box loop.  
**RV-TX** Robert Vance, El Paso, TX. WinRadio G303e/PD, 12'x9' unterminated corner-fed N-S loop, 3 square meter amplified air loop.  
**SMA-MB** Shawn M. Axelrod VE4DX1SMA Winnipeg, MB. Icom IC-70, Drake R8; 4 foot unamplified box loop; Quantum Loop; 155 foot outdoor wire' 100 foot indoor wire; MFJ 1060 phasing unit.  
**WH-CO** Wayne Heinen, Aurora, CO. Kiwa Loop Drake R8B, E/W Flag, N/S Flag, Dual TG-1 Termination Gizmo w/DX Engineering RPA-1 preamp and Mini DXP5.

## DX Tests Heard (Or Maybe Not)

- 580 KSAZ AZ Marana – 4/24 0300 – DX test not heard here. I did have good copy on KIDO, WKTY and CKUA but that was it. Thanks for the DX test. Maybe next time. (SA-MB)

## Station News

- 570 KQNG HI Lihu'e – 5/15 – Noted off all day; back on the next day. Per receptionist in phone call 5/26, transmitter suffered lightning damage earlier in the month. Unable to hear usual pest KLAC; darn. (DP-HI)  
 720 KUAI HI Ele'ele – 5/1 1354 – Hawaiian contemporary music; at 1358 ID, into time-shifted CBS news (aired one hour earlier on KIKI-990). Per receptionist in phone call 5/26, there have been problems with the computer server that records and plays back the newscast. (DP-HI)  
 980 KUDL KS Kansas City – 4/2 2325 – Fair signals fading in and out with classical music. Now using these call signs. NEW! Yes the season is still not over and another new one to prove it. (SA-MB) Per FCC web site (checked May 28), KUDL is on 1660 (as below); 980 is still listed as KMBZ in Kansas City, MO. - DY  
 1470 KEPL CO Estes Park – 5/2 1505 – Out of ABC News, Singing ID jingle "KEPL Estes Park 1470 AM," song "Help Me Rhonda." Slogans as "The True Oldies Channel"; format change from TLK. Fair in KCFC-1490 IBOC. (WH-CO)  
 1550 KDCC KS Dodge City – 5/16 0100 – Out of FSR programming "Hi I'm ... " "I listen to sports of KDCC Dodge City Kansas" to Fox News. This was dominant most of the night, so I'll assume they are now 24 hrs. (WH-CO)

## DX Loggings (All Times ELT)

- 540 KWMT IA Fort Dodge – 4/23 0553 – Sports report followed by "Your news, your town, your station, KWMT"; into commercial for Frontier Days parade in Fort Dodge. (JDS-MN)  
 660 KTNN AZ Window Rock – 4/4 2130-2135 – Fair but pretty much alone except for brief WFAN with Navajo singing, then CL, city, and computer commercial. Used to be a more regular visitor. (JEL-MO)



- 680 KNBR CA **San Francisco** – 5/2 0500 – Replay of Giants BB game at Washington Nationals; announcement, “You’re listening to the Giants Midnight Replay on KNBR 6-80 The Sports Leader”; into ESPN R.’s Mike And Mike at 0605. FAIR to GOOD; QRM KPUA-670. **(DP-HI)**
- 740 KVOX ND **Fargo** – 5/13 030 – Out of string of spots, “Your Minnesota's sports leader KVOX AM 740 The FAN” and Moorehead/Fargo local spots. **(WH-CO)**
- 760 KFMB CA **San Diego** – 5/2 0358 – Ad for water system; ID “The More You Listen, The Better You Know...News Talk 7-60 KFMB San Diego”; ABC-I news. KGU-760 off due to lightning storm as were sister station KHCM-880 and tower mate KZOO-1210. KKEA-1420 also off later on. POOR; lightning QRN, ripply fading. **(DP-HI)**
- 790 KFGO ND **Fargo** – 4/4 0833 – Ad for Bobcat Fargo, CDT time check and into area news with gal announcer. Fair in QRM. **(JW-CO)**
- WAYY WI **Eau Claire** – 5/22 0628 – Out of the Jerry Doyle Show, into commercials, followed by Station ID: “Seven-Ninety WAYY.” **(JDS-MN)**
- 800 CHAB SK **Moose Jaw** – 04/23 0553 – Out of song *A World Without Love*, Peter and Gordon. “Eight Hundred CHAB,” into song: *Hold Me*, Fleetwood Mac. **(JDS-MN)**
- 810 KTBI WA **Ephrata** – 4/4 1037 – *Back to the Bible* program stomping local blowtorch KGO till sign off at 1044 with mention of their other stations in their network. **(JB-CA)**
- 840 KTIC NE **West Point** – 4/9 0836 – Out of C&W tune with time check and “840 Country KTIC Classic Country Saturday Morning” ID, followed by weather and ad for farm machinery; back to music at 0840. Fair/good with KOA-850 IBOC turned off. **(JW-CO)**
- 850 WWJC MN **Duluth** – 5/22 0639 – Out of contemporary Christian music. “To send a prayer request, visit our website at WWJC dot com.” **(JDS-MN)**
- 860 KKOW KS **Pittsburg** – 4/9 2132 – C&W music; “Classic Country 860 AM,” slogans and call letter ID's, ads, weather forecast. Fair with KOA IBOC off. **(JW-CO)**
- KKAT UT **Salt Lake City** – 4/9 0855 – *Jacob Levitt Show* in progress; legal ID at 0859:50: “Conservative talk around the clock – the right place at the right time – KKAT-AM Salt Lake City-Ogden-Provo, 860 AM, Utah's Big Talker,” ABC news was up next. Fair/good with local KOA's IBOC off. **(JW-CO)**
- 880 WMEQ WI **Menomonie** – 5/22 0655 – Out of the *Dennis Miller Show* into commercials with references to Eau Claire, followed by “News Talk AM Eight-Eighty WMEQ.” **(JDS-MN)**
- 910 KCJB ND **Minot** – 4/23 0638 – Out of song, *Old Hippy*, The Bellamy Brothers. “Nine-Ten Country KCJB.” **(JDS-MN)**
- 920 KLMR CO **Lamar** – 5/21 0757 – C&W music to ToH, then legal ID: “The Giant of the High Plains is AM 920 KLMR Lamar Colorado;” ABC news was up next, followed by local weather at 0805. Fair/good with local KPOF-910 off the air (they were back on about an hour later). Normally 920 is impossible due to KPOF's IBOC. **(JW-CO)**
- 930 WTAD IL **Quincy** – 5/22 0707 – Weather report with current conditions of cloudy and fifty-nine degrees, followed by river flood levels of area towns, into Station ID, “News radio Nine-Thirty WTAD.” **(JDS-MN)**
- 960 KLTF MN **Little Falls** – 4/23 0706 – Local news with references to Morrison County, Camp Ripley, and Little Falls, followed by obituaries. **(JDS-MN)**
- 970 KQAQ MN **Austin** – 4/23 0755 – Out of song: *Pretty Woman*, Roy Orbison, “Come to where the flavor is, KQAQ Nine-Seventy AM.” **(JDS-MN)**
- WDAY ND **Fargo** – 5/22 0728 – Out of commercial for Moody Blues concert “News Sports WDAY,” followed by local commercials with references to WDAY, into sports update. **(JDS-MN)**
- 979.85 KMIN NM **Grants** – 5/13 0726 – Local (Grants, Laguna) spots, weather, C&W music, “K-Mine Country,” slogans, with mentions of 980 AM and 96.7 FM; signal up and down (mostly down), but easily separable on LSB; legal ID at 0802: “96.7 FM translator K244DT Grants and 980 on your dial, this is KMIN Grants-Milan, New Mexico, K-Mine Country” and into “Country Morning Show”. Noted next few days still off frequency. **(JW-CO)**
- 1030 KBUF KS **Holcomb** – 5/3 0800 – ABC news at 0800; ID at 0805: “This is the Early Morning Farm Show on the agriculture and information leader 1030 KBUF Holcomb-

Garden City" and into said program. Fair in KTWO null, mixing with XESDD. (JW-CO)

- KCTA TX Corpus Christi** – 4/15 0700 – Out of REL program in SS, then a program note in English mentioning "visit the KCTA web site" then in IRN/USA Radio News" mixed with KTWO and XEYC. (WH-CO)
- 1050 CKSB MB Winnipeg** – 4/30 0601 – Male and female announcers reporting the news in French with some clips in English. Followed by references to Winnipeg and Brandon? (JDS-MN)
- 1070 KVKK MN Verndale** – 4/20 2159 – Good, alone on channel, with CW, legal ID, then into CBS news. First time! (JEL-MO)
- 1080 KSCO CA Santa Cruz** – 3/5 2100 – Fading up with partial ID "...KSCO, Santa Cruz...", then into Fox news and gone under partially nulled KRLD-TX and an unID SS station. (RV-TX)
- 1090 KPTK WA Seattle** – 2/24 0059 – Woman with ad; Obama sound bite and ID "KPTK Seattle," into AP Radio news; faded to almost nothing after three minutes. POOR; lightning storm QRN. (DP-HI)
- 1100 KFAX CA San Francisco** – 4/17 0257 – Ad for SOGO, plug for station sales dept., ad for media company; ID "For 50 Years, Northern Calif.'s Number One...KFAX San Francisco-Oakland-San Jose, A Salem..."; Into SRN news but broke away after two minutes for black gospel show. POOR; local QRM. (DP-HI)
- 1120 KPNW OR Eugene** – 3/29 0158 – PSA about wildfires; ID "We Report, You Decide, This Is Newsradio 11-20 KPNW Eugene-Springfield, USA"; into Fox news w/Bill Ditka, broke away after 2.5 minutes for PSA string. POOR to FAIR. (DP-HI)
- 1140 KCXL MO Liberty** – 4/29 0759 – "KCXL First Weather," followed by legal ID at 0759:50 by male voice: "KCXL Liberty 1140 AM, K275BQ Richmond 102.9 FM - two stations burning up the air waves"; news was next, either AP or ABC (not sure which - several stations were mixing); soon faded. Rough copy but a new one here, MO #56. (JW-CO)
- 1160 KCTO MO Cleveland** – 4/30 0702 – Spanish music, into male announcer with heavy Spanish accent, "AM Eleven-Sixty KCTO Cleveland, Kansas City.". (Recent change to Spanish format). (JDS-MN)
- 1190 KEX OR Portland** – 3/29 0259 – UPS Store ad; ID "Weather from the K-2 (slogan for KATU-TV) Storm Tracker Center, Breaking News When You Need It And...News Talk 11-90 KEX Portland," ABC-I news w/Michael Barnes. FAIR; local QRM. (DP-HI)
- 1200 WNBL WV Huntington** – 5/1 0550 – Out of adult contemporary song *Colors of the Wind* Vanessa Williams. "This is Better Life Radio, WNBL." (JDS-MN)
- 1210 WILY IL Centralia** – 4/22 0629 – Poor; "1210 WILY" heard in passing. (JJR-WI)
- 1230 KYVA NM Gallup** – 4/16 0759 – Legal ID by male voice: "KYVA Gallup, a Millennium Media station," followed by ABC news, I think – two stations mixing, one with ABC and another with CNN. (JW-CO)
- 1240 KASL WY Newcastle** – 4/1 0848 – Spot for North Platte Physical Therapy, followed by ID and song "Big John"; spotty reception with QRM. (JW-CO)
- 1260 KBSZ AZ Apache Junction** – 3/15 1000 – Popped up with CL ID and NBC News over waning XESA-SIN. Poor and did not last long. (RV-TX)
- KBLY ID Idaho Falls** – 4/4 0759 – "We're the Idaho Talk Station - NewsTalk 690 KBLI Blackfoot-Pocatello, NewsTalk 1260 KBLY Idaho Falls," followed by ABC news; same ID and ABC news heard again at 0859. Generally fair. (JW-CO)
- 1270 KDJI AZ Holbrook** – 3/18 0930 – Popped up with portion of ID "...on Newstalk Radio KVWM and KDJI...", then into promo for Tate's Auto Center in Holbrook and Show Low. Went back into mix but came back at 0934 with a string of local ads, a better ID "You're listening to (Arizona's ?) Newstalk Radio, KVWN-970 in Show Low and KDJI-1270 in Holbrook." then back into Rush Limbaugh with a guest host. (RV-TX)
- WWWI MN Baxter** – 5/1 0659 – Out of local commercials, "This is WWWI Baxter," into national news. (JDS-MN)
- 1300 KROP CA Brawley** – 3/23 2305 – Community calendar announcement "KROP Brawley" Bed Bug Exterminator spot to Mark Levin. Fair and on top. (WH-CO)
- 1350 KTDD CA San Bernardino** – 4/4 and other dates – Heard nightly, The "toad" stomping local KSRO with CW format, perhaps we have a facilities problem. (JB-CA)
- 1480 WSPY IL Geneva** – 4/22 0647 – Poor; end of commodity prices; calls. Not heard here in a while. (JJR-WI)

- 1510 KFNN AZ Mesa – 3/17 2158 – Out of program note, "You'll learn ways to increase your bottom line on KFNN," to local spots KCKK nulled. (WH-CO)
- 1520 KOLM MN Rochester – 5/1 0755 – Out of *The John Kincaid Show*, into commercials, followed by station ID @ ToH: "AM Fifteen-Twenty KOLM," into national news. (JDS-MN)
- 1530 KQNK KS Norton – 4/25 0859 – Time check for 8:00, then legal ID: "Classic Hits KQNK 106.7 FM and 1530 AM Norton, your hometown radio station" AP News was up next, followed by news from the Kansas Information Network at 0905. Good signal, all alone on the frequency for a few minutes. (JW-CO)
- 1550 KMRI UT West Valley City – 5/17 2301 – Out of SS music u/UNID with FSR "KMRI" call ID. (WH-CO)
- 1580 KCHA IA Charles City – 5/16 2305 – Out of Iowa weather "KCHA Oldies on your radio right now" and OLD. (WH-CO)
- KAMI NE Cozad – 5/16 2358 – Out of REL music "... 24 hours a day the best in Christian programing, 1580 KAMI Cozad Kearney North Platte" to Bott Radio programming. (WH-CO)
- KGAF TX Gainesville – 3/15 0005 – Out of OLD/NOS type music "Memories Back to Back on KGAF Memories 1580." (WH-CO)
- 1590 KLIV CA San Jose – 4/11 0300 – Fading up with female announcer "This program was recorded for listeners of KLIV AM 1590 San Jose..." then into a news feature program. New #14 this season and Taped! (WH-CO)
- KWBG IA Boone – 4/11 0100 – Out of local weather, PSA "This is AM 1590 KWBG Boone..." mixed with KVGB/KDAV. (WH-CO)
- KWEY OK Weatherford – 4/11 1735 – Faded up briefly over KDAV with "KWEY" call ID's a few times in a minute or so, last logged on a DX TEST back in 1991! ID taped and added to the collection. (WH-CO)
- KDAV TX Lubbock – 4/11 0002 – Out of '50's Oldies, "KDAV Lubbock" brief ID and straight to Oldies. (WH-CO)
- 1600 KRKE NM Albuquerque – 4/9 2300 – "This is KRKE Radio Albuquerque a Vanguard Media Station" and into OLD, local KEPN phased. (WH-CO)
- 1650 KFOX CA Torrance – 4/8 0800 – "You're listening to Southern California's Number One Korean Radio Station" in phase null of KBJD. (WH-CO)
- KCNZ IA Cedar Falls – 4/8 0100 – Up briefly with what sounded like a PSA and KCNZ call ID into FSR Sports in KBJD phase null. (WH-CO)
- 1660 KUDL KS Kansas City – 5/1 0700 – Powered up at 0700 with last few bars of a classical piece; legal ID by guy at 0700:45: "You're listening to Radio Bach KUDL Kansas City's HD Classical Station 96.5 FM HD2 and 1660 AM and streaming on the web at radiobach.com"; an ad for a local HD production of "Frankenstein" followed, then back to music at 0702. Fair in QRM; ex-KXTR. (JW-CO)
- KRZI TX Waco – 4/5 0800 – Out of local sports "KRZI ESPN 1660 and 106.9." Research shows a bunch of translators. (WH-CO)
- 1680 KGED CA Fresno – 4/8 1230 – Asian music, solo female vocals, male/female talk and instrumental music. Interesting! Signal varied from poor to good. (GW-AZ)

#### Tentative/Probable

- 690 CBU BC Vancouver – 5/2 0710 – BBC news program discussing the death of Osama bin Laden in Pakistan (not Packy-stann); faded out. KHNR off due to lightning storm as were other Salem AM stations. POOR; lightning QRN. (DP-HI)
- 730 CHMJ BC Vancouver – 3/26 0755 – Ad for VancouverBestYards.com, Ferguson Moving & Storage, ad, PSA for Action in Education; back to traffic, weather forecast, traffic again, W w/ad, M w/talk. Missed ID. POOR; ripply signal. (DP-HI)
- 1700 KVNS TX Brownsville – 5/1 0445 – James Taylor's "How Sweet It Is," DJ talk (sounded like Scott Shannon), Goldfinger's "More Today Than Yesterday" before fading out. VERY POOR. (DP-HI)

#### Unidentified

- 1710 The Big Q Unknown – 4/17 0518 – Fairly good signals here with lots of oldies and several The Big Q ID's. Has anyone found out where this station is located? It sure isn't a Part 15 by the way it gets out. (SA-MB) Per Richard Cuff in ODXA (and direct): A Google search indicates it's regarded as a MW pirate. Plenty of



loggings out there but no one has indicated (or divulged) a location. (Use the search phrase "1710 the big q"). (JDT-WA)

What I learned from my computer disaster: Have a backup machine. And subscribe to an automatic backup service like Carbonite. Thanks to Carbonite, my PC may have given up the ghost, but I was able to recover all of my files, including years of DX logs and hours and hours of recordings. Your digital possessions are every bit as valuable as your physical possessions.

Have a happy spring, everyone. See you next time. (JDT-WA)

# *Domestic DX Digest – East*

**Mike Brooker** patria1818@yahoo.com  
99 Wychrest Avenue  
Toronto, ON M6G 3X8 CANADA

**U.S./Canadian Loggings from Eastern/Atlantic Time Zones. All times ELT.**

## REPORTERS

- BC-NH **Bruce Conti, Nashua** – Excalibur SDR, MWDX-5, variable termination SuperLoop antennas northeast and south.
- MC-NJ **Mike Clancy, Jersey City** – DX-396
- SC-IN **Steve Chappell, McCordsville** – Chrysler car radio, K9AY loop antenna
- HF-MI **Harold Frodge, Midland** – Drake R8B + 125 ft. bow-tie; 85 ft. RW & 180 ft. center-fed RW
- KK-VA **Kraig Krist, Manassas** – NRD-545, Tecsun PL-660, PL-310, homemade 134 foot multiband antenna running NW to SE.
- TLK-FL **Terry L. Krueger, Clearwater** – JRC NRD-535, IC-R75, roof dipole
- DY-WV **David Yocis, Shannondale** – R8B, Quantum phaser, LWs.
- MKB-ON **Mike Brooker, Toronto** – Grundig G5, Grundig YB-400PE, Sony SRF-39FP, Panasonic RF-2200 (receiver emeritus)

## STATION NEWS

- 610 WXVA VA **Winchester** – This local station is still silent, but per web page <http://wxva.com/> is planning to return to the air this spring with an “eclectic” format focusing on local happenings. (DY-WV)

## UNID

- 1100 UNID -- 4/27 2038 – Someone briefly popping up in all the co-channels with baseball. Fernando Cabrera pitching, which means Oakland Athletics vs. LA Angels of Anaheim. And per MLB.com, indeed a game underway, 6th inning. So, who would be carrying California games here and from the eastern half of the US? Presume Central Time station location such as AL, MS, AR, LA? (TLK-FL) *No Cabrera pitched for either of those teams that day – but there are two Cabrerars who bat for Cleveland, who played KC that night on WTAM-1100. - DY*
- 1190 UNID -- 4/26 0701 – Someone here under all the other things on the channel with instrumental version of the Star Spangled Banner, presume one of the zillions of D1 possibilities signing on. (TLK-FL)

## LOGGINGS

- 540 WETC NC **Wendell-Zebulon** – 4/30 0101 – SS music, legal ID, “La Jefa” slogan, good. A second SS station heard a bit later at 0107, sounded religious – is this WWCS? (DY-WV)
- WGTH VA **Richlands** – 4/30 2153 – Dominant with southern gospel music, ID for “105.5 WGTH.” WWCS used to be dominant here day and night, but rarely heard now – still on the air, or with reduced power? (DY-WV)
- 550 WGR NY **Buffalo** – 4/30 2100 – Good; “Let’s pause 10 seconds for station identification on the Motor Racing Network. Sportsradio 550 WGR Buffalo and WKSE HD2 Niagara Falls-Buffalo.” (BC-NH)

- 560 CFOS ON **Owen Sound** – 4/30 2210 – Fair in WFIL null; nostalgia, Bayshore Weather Center forecast, CFOS jingle. **(BC-NH)**
- 570 CKGL ON **Kitchener** – 4/30 0259 – ESPN, ads for Kitchener and Waterloo, ID with calls and many “News Radio 5-70” slogans, into Canadian Press news. Good over WSYR, WKBN. Per Wayne Heinen, running U1 5000/1000 with antenna trouble. **(DY-WV)**
- 590 WCAB NC **Rutherfordton** – 4/30 0506 – Weather, ID “AM 5-90 WCAB Rutherfordton,” into “Back in the Saddle Again” C&W classic, good and atop. **(DY-WV)**
- CJCL ON **Toronto** – 4/30 2059 – Under WEZE open carrier; The Fan 590 and CBC Hockey Night in Canada promos. **(BC-NH)**
- 620 WDAE FL **St. Petersburg** – 4/30 0556 – Two “6-20 WDAE” IDs, back into Fox Sports, poor under WWNR, WRJZ, others. **(DY-WV)**
- 640 WFNC NC **Fayetteville** – 4/30 2300 – Fair, mixing with R. *Progreso* Cuba; “...we're 640 News Talk WFNC Fayetteville, a Cumulus station.” **(BC-NH)**
- WHLO OH **Akron** – 5/20 2143 – In mix with small business edition of Dave Ramsey Show, “6-40 WHLO” ID into local weather forecast. **(KK-VA)**
- 790 WAEB PA **Allentown** – 4/30 2100 – Good, over R. *Reloj* Cuba; “This is the Lehigh Valley's News/Talk 790 WAEB Allentown.” **(BC-NH)**
- 930 WFMD MD **Frederick** – 5/26 0355 – Sports talk mixing with WLLL, WBEN and R. *Reloj*, man with “WFMD” ID. **(KK-VA)**
- WBEN NY **Buffalo** – 5/26 0355 – In WFMD, WLLL and R. *Reloj* mix with “... the WBEN accuweather forecast... WBEN news time 5 o'clock”. **(KK-VA)**
- WLLL VA **Lynchburg** – 5/26 0355 – In WFMD, WBEN and R. *Reloj* mix with religious talk and singing, man with mention of “... on WLLL...”. **(KK-VA)**
- 940 WINE CT **Brookfield** – 4/30 2300 – Fair, unusual to hear at this late hour; “940 WINE Brookfield-Danbury, 1510 WPUT Brewster, a Cumulus station, 940 and 1510 ESPN Radio.” Listed as 4 watts. **(BC-NH)**
- WINZ FL **Miami** – 4/30 0700 – Very poor signal in with others but finally got a local reference after hearing them on several occasions. “Sports Authority...940...Florida...Fox Sports go now.” NEW! **(SC-IN)**
- WMAC GA **Macon** – 5/24 0355 – In mix with station promo: “News talk 9-40 WMAC. Get ready for ‘Coast to Coast AM’” into local weather. **(KK-VA)**
- 970 WBGG PA **Pittsburgh** – 5/20 0355 – Usual ESPN radio programming in mix with Fox Sports station, slogan “970ESPN dot com”. **(KK-VA)**
- 1100 WWWE GA **Hapeville** – 4/27 2002 - SS sports coverage, seemingly soccer (Copa Argentina 2011, maybe). Hard to find any website other than [www.1100espndeportes.com](http://www.1100espndeportes.com). Per other web posts, this has been an ESPN Deportes affiliate since 8/30/2010, before that, Spanish REL and before that, Mexican format. **(TLK-FL)**
- WCGA GA **Woodbine** – 4/26 0630 – Satellite-fed DayBreak USA (USA Radio Network) morning show, mixing with WTAM, XERED and others. Station promo during local break, “Thanks for tuning in to NewsTalk 1100, WCGA”. **(TLK-FL)**
- 1190 WCRW VA **Leesburg** – 5/12 1829 – China Radio International programming. “People in the Know” just finishing. “Life In China” looked at earthquake survivors. “Chinese Studio,” ToH ID at 1859: “Contact us at 1 877 913 3889 or email [mydj@gmail.com](mailto:mydj@gmail.com). WCRW AM 11-90 Leesburg Washington DC” into “City News”. **(KK-VA)**
- +++ 4/30 1930\* – Now here, ex-WAGE-1200, with China Radio International programming (but rarely calling itself that), sounding much like CHIN-1540 with local but Chinese-oriented news on the hour, programs like “Music Safari,” and CRI-origin features. Very good signal into DC, but already being bothered by early sunset QRM at 1900 at the home location, just 23 miles NW of the day site. Sign-off at 1930, so night site must not be ready yet. **(DY-WV)**
- 1200 WRKK PA **Hughesville** – 5/7 2200 – Briefly thru jumble; “...on 1200 and 1400 AM, and 94.9 FM WRAK.” New log. **(BC-NH)**
- 1220 WGNY NY **Newburgh** – 5/7 2000 – Good; ad string, promo, “...on Fox Oldies 1220 and Fox Oldies 98.9.” **(BC-NH)**
- WCPH TN **Etowah** – 4/30 2000 – ID “Southeast Tennessee’s ... station, AM 1220 WCPH Etowah,” fair but mostly alone. **(DY-WV)**
- 1250 WMTR NJ **Morristown** – 5/7 1958 – Under WGAM; “Playing the music you grew up with, the music you love, this is AM 1250 Classic Oldies WMTR...” **(BC-NH)**

- 1260 WNXT OH **Portsmouth** – 4/24 2323 – Promo for Cincinnati Reds baseball, ID “ESPN Radio 12-60 WNXT,” good with WSKO, unID talk station. **(DY-WV)**
- 1270 WCBC MD **Cumberland** – 5/11 2037 – Pirates baseball game in mix with Phillies game on WLBR, man with "WCBC" ID. **(KK-VA)**
- WCGC NC **Belmont** – 5/11 2037 – In WLBR/WCBC mix, difficult as "WCGC" sounds like "WCBC". However, WCGC has religious programming, ad or station promo mentioning "... call us at area code 919..." Area code 919 is central North Carolina. **(KK-VA)**
- WLBR PA **Lebanon** – 5/11 2037 – Phillies baseball game in WCBC/ WCGC mix, ID as "This is your Phillies station in Lebanon Valley, WLBR". **(KK-VA)**
- 1290 WWTX DE **Wilmington** – 5/7 1959 – Over/under unIDs; "WWTX Wilmington... and online 1290theticket.com," and Fox sports. **(BC-NH)**
- 1300 WFFG FL **Marathon** – 4/26 2125 – Fair under WQBN's SS programs with Florida Marlins vs. LA Dodgers game. **(TLK-FL)**
- WLXG KY **Lexington** – 5/9 0355 – In WJZ mix with typical ESPN radio programming, station promo: "This is central Kentucky's home for sports. WLXG ESPN sports radio 13 hundred." **(KK-VA)**
- WJZ MD **Baltimore** – 5/9 0355 – Typical ESPN radio programming in mix with same on WLXG, station promo "... on Baltimore's ESPN radio 13 hundred..." **(KK-VA)**
- WPNH NH **Plymouth** – 4/30 0059 – Fair-poor, fading into interference from sports station (WJZ) with Peter Paul and Mary's "Blowin' in the Wind," followed by ToH ID: "the greatest music ever made...1240 WFTN Franklin and 1300 WPNH Plymouth". **(MC-NJ)**
- 1340 WYBC CT **New Haven** – 5/7 2158 – Fair; NPR promo, "...on WSHU Public Radio 1340." **(BC-NH)**
- 1350 WARF OH **Akron** – 5/7 2200 – Under WOYK; "This is WARF Akron, your home of..." and Fox sports. **(BC-NH)**
- WOYK PA **York** – 4/29 2158 – Good; York Revs baseball from Sovereign Bank Stadium. **(BC-NH)**
- 1360 WMOB AL **Mobile** – 5/8 0355 – In WDRC mix with religious talk, station promo: "Get caught up in serving the Lord... 13-60 on your AM dial. This is Mobile's Christian voice. WMOB Mobile" into gospel song. **(KK-VA)**
- WDRC CT **Hartford** – 5/8 0355 – "Health Talk" program, mixing with WMOB and Fox Sports station, station promo: "Get the weather anytime at the talk of Connecticut dot com...". **(KK-VA)**
- WTOC NJ **Newton** – 5/7 2000 – Fair; "1360 AM WTOC Newton" and True Oldies Channel. New log. **(BC-NH)**
- WNJC NJ **Washington Township** – 5/7 1959 – Briefly atop WTOC; blues music, "You're listening to WNJC 1360 AM in Washington Township, New Jersey." **(BC-NH)**
- 1390 WZHF VA **Arlington** – 4/29 2000 – Fair, over WRIV and others; Voice of Russia "...on 1430 AM in New York and 1390 AM Washington DC." **(BC-NH)**
- 1440 WGVL SC **Greenville** – 4/28 2300 – ESPN coverage of NFL draft, ID “WGVL, Greenville’s sports authority,” good and atop. **(DY-WV)**
- 1450 WCTC NJ **New Brunswick** – 4/23 1949 – Ads, “The new talk radio 1450 WCTC,” this pest changing from oldies to talk. **(DY-WV)**
- 1460 WTCT PA **Harrisburg** – 4/29 2200 – Heard thru pile-up; "...the official pizza of the Harrisburg Senators." **(BC-NH)**
- CJOY ON **Guelph** – 5/7 2103 – Fair-poor in and out of mess with SS station with oldie “Don’t Get Hooked on Me,” slogan “CJOY 1460, the Royal City’s greatest Hits” into CCR’s “Bad Moon Rising” and “Babe” by Styx. **(MC-NJ)**
- 1470 WJDY MD **Salisbury** – 4/29 2002 – Fair; Washington Nationals baseball, ad for JK Movers, "the official mover of the Washington Nationals." **(BC-NH)**
- WNYN NY **Ithaca** – 4/29 2000 – Caught under WJDY; ID for FM HD channel, "103.7 WQNY... Ithaca" into network news. **(BC-NH)**
- 1510 WWZN MA **Boston** – 4/29 2139 – Presumed with Boston Red Sox play-by-play in Spanish. **(DY-WV)**
- 1570 WNDA IN **New Albany** – 4/25 0355 – In mix with oldies, "Cool 15-70" and "Old school cool 15-70" slogans. EMS breaks into programming several times with severe thunderstorm warnings for Kentucky. **(KK-VA)**
- +++ 4/29 2359 – Oldies, “Kool 1570” IDs, finally a legal ID at this time, mostly good in mix. New and much wanted. **(DY-WV)**



- WPGM PA Danville – 5/21 2006 – Alone on frequency with local weather, station promo for gospel programs: "...and when you write, be sure to mention that you heard the program on AM 1570 WPGM Danville". (MKB-ON)
- 1580 CKDO ON Oshawa – 4/29 0355 – Oldies in mix with religious talk and SS stations, man with "CKDO classics" slogan. "CKDO" jingle. (KK-VA)
- 1590 WCGO IL Evanston – 4/29 0355 – SS programming mixing with oldies on WAKR, ESPN Radio on WGGO, and other stations. Man with disclaimer in EE: "The opinions expressed on this program are not necessarily those of WCGO or..." (KK-VA)
- WHLX MI Marine City – 5/2 1508 – Not-so-oldies; call letter ID at 1513. Weak but copyable. Looking for the new Big Rapids, MI station on 1590. (HF-MI)
- 1600 WKKX WV Wheeling – 5/5 0355 – In mix with typical Fox Sports programming, call-in sports show, PSA for preventing wild fires, station promo "Fox Sports on... WKKX...". (KK-VA)
- 1650 CINA ON Mississauga – 5/1 0355 – Foreign language singing in mix with CJRS, station promo by woman in EE: "You are listening to 16-50 CINA the new station for...", "Thank you for choosing 16-50 Mississauga. (KK-VA)

# *International DX Digest*

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

**Loggings of stations outside the Lower 48 and Canada. All times UTC.**

## Trans-Atlantic DX

- 153 GERMANY *Deutschlandfunk*, Donebach MAY 12 0129 – Classical piano music parallel 207 and 756 kHz; good, over Algeria. [Connelly-MA]
- 162 FRANCE *France Inter*, Allouis MAY 12 0130 – Man and woman with discussion in French; good. [Connelly-MA]
- 171 MOROCCO *R.Mediterranee Internationale*, Nador MAY 12 0130 – Mideast pop-rock; fair. [Connelly-MA]
- 189 ICELAND *Ríkisútvarpid*, Gufuskálar MAY 12 0130 – English pop male vocal, sounded like the lead singer in Oasis; good. [Connelly-MA]
- 198 UNITED KINGDOM *BBC Radio 4*, Droitwich et al., MAY 12 0130 – bbcworldservice.com mention; fair through static crashes. [Connelly-MA]
- 207 GERMANY *Deutschlandfunk*, Aholming MAY 12 0129 – Classical piano music parallel 153 and 756 kHz; to good peak on USB (dodging QI beacon on LSB). [Connelly-MA]
- 225 POLAND *Polskie Radio*, Konstantynow MAY 12 0130 – Slavic talk by man and woman; fair. [Connelly-MA]
- 234 LUXEMBOURG *RTL Junglinster* MAY 12 0130 – Two men in French; fair to good. [Connelly-MA]
- 252 ALGERIA *R.Algerienne*, Tipaza MAY 12 0130 – Woman in French; mixing with Ireland. [Connelly-MA]
- 252 IRELAND *RTÉ Radio 1*, Clarkestown MAY 12 0129 – Irish-accent English talk mentioning community affairs; initially dominant over Algeria. [Connelly-MA]
- 531 ALGERIA *Chaîne 1*, F'kirina Wilaya d'Oum El Bouaghi MAY 12 0130 – Man in Arabic; poor to fair. [Connelly-MA]
- 549 ALGERIA *Chaîne 1*, Les Trembles MAY 12 0100 – Man with news in Arabic; fair. [Connelly-MA]
- 693 UNITED KINGDOM *BBC Radio 5*, Droitwich et al. MAY 12 0100 – BBC news; poor, over apparent Spain. [Connelly-MA]
- 756 GERMANY *Deutschlandfunk*, Braunschweig & Ravensburg MAY 12 0100 – Fanfare music, *Deutschlandfunk* ID, pips: 3 short and one longer, German news by man; fair. [Connelly-MA]
- 774 SPAIN *RNE1* synchros MAY 12 0100 – Woman in Spanish mentioned cities including Almeria, then man said "Buenas noches"; good. [Connelly-MA]
- 783 MAURITANIA *R.Mauritanie*, Nouakchott MAY 12 0100 – Likely this with Arabic news by man; fair. [Connelly-MA]

- 837 **CANARY ISLANDS//SPAIN** COPE synchros MAY 12 0001 – Man and woman in Spanish parallel 1134; to fair peak. [Connelly-MA]
- 855 **SPAIN** RNE1 Murcia et al. MAY 12 0159 – Man woman in Spanish; in WEEI slop. [Connelly-MA]
- 882 **CANARY ISLANDS//SPAIN** COPE synchros MAY 12 0101 – Spanish talk parallel 837; over UK. [Connelly-MA]
- 909 **UNITED KINGDOM** BBC Radio 5 synchros MAY 12 0030 – Man and woman in English; poor. [Connelly-MA]
- 936 **IRAN** IRIB Urumiyeh MAY 12 0030 – Likely this with slightly pop-sounding mideast male vocal. [Connelly-MA]
- 945 **FRANCE** France Info, Toulouse MAY 12 0030 – Big-band/orchestral music, France Info music fanfare; to good peak on USB to dodge WGIN IBOC on the lower side. [Connelly-MA]
- 981 **ALGERIA** Chaîne 2, Algiers MAY 12 0100 – Fanfare music, French news by woman; poor to fair. [Connelly-MA]
- 999 **SPAIN** COPE Madrid MAY 12 0030 – Two men in Spanish telephone interview; fair. [Connelly-MA]
- 1089 **UNITED KINGDOM** TalkSport synchros MAY 12 0000 – Advert for sporting event on TV, then TalkSport ID and news item about an arrest; to fair peak. [Connelly-MA]
- 1098 **SPAIN** RNE5 synchros MAY 12 0000 – News by woman in Spanish. [Connelly-MA]
- 1107 **SPAIN** RNE5 synchros MAY 12 0031 – Parallel 1098 with echoey Spanish news by man, 'domingo' (Sunday) mentioned; fair. [Connelly-MA]
- 1116 **SPAIN** SER synchros MAY 12 0029 – Spanish discussion; poor. [Connelly-MA]
- 1134 **CROATIA** Hrvatske Radio, Zadar MAY 12 0001 – Spanish talk parallel 837; through slop. [Connelly-MA]
- 1206 **FRANCE** France Info, Bordeaux MAY 12 0031 – Man in French, music; to fair peak. [Connelly-MA]
- 1215 **UNITED KINGDOM** Absolute Radio synchros MAY 12 0001 – "Mr. Tambourine Man" by the Byrds (1965); over COPE Spain. [Connelly-MA]
- 1314 **UNITED ARAB EMIRATES** R.Farda, Al Dhabbaya MAY 12 0029 – Pop mideast male vocal; poor to fair. [Connelly-MA]
- 1377 **FRANCE** France Info, Lille MAY 12 0000 – France Info fanfare music, then news by man in French; fair. [Connelly-MA]
- 1413 **SPAIN** RNE5 synchros MAY 12 0000 – Pips, news by woman in Spanish; poor. [Connelly-MA]
- 1422 **GERMANY** Deutschlandfunk, Heusweiler MAY 12 0001 – German news by man; poor. [Connelly-MA]
- 1503 **IRAN** IRIB1 Bushehr MAY 12 0030 – Mideast orchestral music, Farsi talk; poor to fair. [Connelly-MA]
- 1521 **SAUDI ARABIA** BSKSA Duba MAY 12 0000 – Drumming, 5 short pips and one longer one, man in Arabic, 5-note music fanfare, news item mentioning Yemen; good. [Connelly-MA]

#### Pan-American DX

- 530 **CUBA** R.Enciclopedia, La Habana MAY 12 0100 – "Radio Enciclopedia" ID by woman; to good peak. [Connelly-MA]
- 550 **CUBA** R.Rebelde, multiple sites MAY 1 0400 – Weak under unID domestics; choral national anthem. [Conti-NH]
- 555 **ST. KITTS & NEVIS** ZIZ Basseterre MAY 12 0200 – Slow music; through WGAN slop. [Connelly-MA]
- 560 **CUBA** R.Rebelde, Moa MAY 1 0400 – Under WFIL; choral national anthem and sounder. [Conti-NH]
- 580 **PUERTO RICO** WKAQ San Juan MAY 12 0200 – Puerto Rico and WKAQ mentions; dominant over WTAG. [Connelly-MA]
- 610 **CUBA** CMAN R.Rebelde, Bahía Honda MAY 1 0258 – Under WGIR; contemporary vocals parallel 600, 620, 670, and 710 kHz. [Conti-NH]
- 630 **PUERTO RICO** WUNO San Juan MAY 12 0100 – Puerto Rico and *NotiUno* mentions; mixed with WPRO. [Connelly-MA]
- 670 **CUBA** CMQ R.Rebelde, Arroyo Arenas et al. MAY 12 0100 – Rebelde mention, 9-note sounder, Spanish news by woman mentioned Camaguey; loud. [Connelly-MA]

- 690 **MEXICO** XEN México DF MAY 1 0300 – Under *R.Progreso* Cuba; "XEN... desde la ciudad de México." [Conti-NH]
- 710 **CUBA** *R.Rebelde*, multiple sites MAY 12 0101 – Rebelde Cuban news by woman, then man said "para Cuba y el mundo," slight echo on signal; over WOR. [Connelly-MA]
- 760 **COLOMBIA** HJAJ RCN Barranquilla MAY 12 0129 – "¡Mejor en Colombia!" mention, sportstalk shouting with slight reverb; over WJR, others. [Connelly-MA]
- 770 **CUBA** *R.Rebelde*, Victoria de las Tunas MAY 12 0100 – 9-note Rebelde sounder parallel 670, 710; under WABC. [Connelly-MA]
- 780 **VENEZUELA** YVMN *R.Coro*, Coro MAY 1 0301 – Over/under WBBM; jingle and patrimonio de la comunidad slogan. [Conti-NH]
- 790 **CUBA** *R.Reloj*, Pinar del Río and Holguín MAY 1 0100 – Over/under WAEB; minute marker and RR code with about two seconds delay between stations. *R.Reloj* also noted on 870, 950, and 960 kHz. [Conti-NH]
- 820 **CUBA** *R.Reloj*, Ciego Avila MAY 12 0059 – Reloj ticks, "RR" beeps; over jumble. [Connelly-MA]
- 840 **CUBA** CMKC *R.Revolución*, Palma Soriano MAY 12 0100 – Spanish talk with Cuba mentions, *R.Revolución* slogan, a bit of jazz, then talk about Habana; over others. [Connelly-MA]
- 910 **CUBA** *R.Cadena Agramonte*, Camagüey MAY 1 0300 – Fair; ascending four-note time marker, theme music, "Desde la cuna del mejor, transmite Radio Cadena Agramonte, Camagüey, Cuba." [Conti-NH]
- 939.879 **MEXICO** XEQ *Bésame/La Q 940*, México DF MAY 22 0915 – Man with "XEQ nueve cuatro" then Mexican ballad and another "XEQ nueve cuatro." Poor under 940 slop. [Black-MA]
- 1020 **CUBA** *R.Guamá*, Bahía Honda APR 27 2304 – Cuban ballads, female announcer. Very good and parallel slowly improving 1000 kHz (no *R.Artemisa* audio being fed on 1000 at this time). [Krueger-FL]
- 1030 **MEXICO** XESDD Ensenada, BC MAY 3 1200 – Full ID on the hour, including call letters, address, and "La Tremenda" slogan, then went right back into banda music. Fair signal, mixing with KBUF and KTWO but faded a few minutes later. [Wilkins-CO]
- 1040 **MEXICO** XEGYS Guaymas, Son MAY 3 1137 – Presume the one with a variety of XE music, UTC- 7 time checks (could be either MST or PDT), and "La Número Uno" and "La Primera" slogans; also thought I heard a mention of 90.1 FM. Not common here but heard several mornings around this time - a change in power or pattern? Generally fair but covered by KCBR sign-on at 1145 UTC. [Wilkins-CO]
- 1100 **COLOMBIA** HJAT CARACOL Barranquilla MAY 12 0101 – Parallel 1170 with excited Spanish sportstalk, 6-note stadium "charge" music; over WTAM and Brazil. [Connelly-MA]
- 1100 **CUBA** *R.Angulo*, Mayarí APR 27 0031 – Presumed the one, parallel better 1110 kHz. [Krueger-FL]
- 1110 **CUBA** *R.Angulo*, Holguín APR 27 0031 – Spanish pop vocals, Cuban-accented female announcer, parallel 1100 kHz. Recheck 1110, playing a brief portion of - of all things - Silent Night. [Krueger-FL]
- 1160 unID MAY 12 0200 – Spanish preaching; in jumble. [Connelly-MA]
- 1170 **COLOMBIA** HJNW CARACOL Cartagena MAY 12 0101 – Parallel 1100 with excited Spanish sportstalk, 6-note stadium "charge" music; dominant. [Connelly-MA]
- 1170 **MEXICO** XEIB Caborca, Son MAY 18 1128 – Banda and other XE music; canned "La Primera" and "La Número Uno" slogans, UTC-7 TC's (Sonora does not switch to MDT). Fair peaks in KFAQ null; covered by KJJD sign-on at 1145 UTC. [Wilkins-CO]

### Contributors

Chris Black N1CP, South Yarmouth MA; Microtelecom Perseus, south Delta.

Mark Connelly WA1ION, South Yarmouth MA; Perseus, west-null SuperLoop, 9 m vertical by 22 m horizontal, base height 1 m.

Bruce Conti, Nashua NH; WiNRADiO Excalibur, 7 x 19.5-m variable termination Split SuperLoop at 60°, 15 x 23-m variable termination north/south SuperLoop.

Terry L. Krueger, Clearwater FL; JRC NRD-535, IC-R75, roof dipole.

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



## WSM AM's radio tower is now included in the National Register of Historic Places

From the Nashville *Tennessean*

Located in Brentwood near I-65, the 808-foot, diamond-shaped broadcast tower was erected in



1932. A radio transmission complex at the same site served as a temporary home for WSM from May of 2010 to January of this year, while station operations inside the Gaylord Opryland Resort were displaced by the Nashville flood.

"Although WSM is best known for its 85-year association with country music and as the radio home of the Grand Ole Opry, WSM was also an invaluable source of news and rural public service programming in its early days and even assisted our military's defense efforts during the Cold War era," said WSM operations manager and program director Joe Limardi. "Since 1932, the WSM tower has

been one of the most recognized structures in Nashville, and we're thrilled that it is now recognized nationally as well."

### MORE CONVENTIONS

**IRCA Convention:** From Mike Sanburn: I wanted to relay this info on the upcoming IRCA convention June 23-25 in Colorado Springs CO. It is still scheduled to go as planned however Bob Wien and I have essentially swapped host and co-host positions. So now all registrations and \$30 fee should be sent and made payable to Mike Sanburn, P.O. Box 1256, Bellflower CA 90707-1256. Our hotel is Airport Value Inn at 6875 Space Village Ave. Colorado Springs CO 80915. Their phone number for reservations is 719-596-5588. We have a block of rooms at the convention rate of \$69 per night. There are nearby eateries (Dairy Queen, Daniels Tacos, convenience store, etc...) Friday tours are planned at KCMN/KCBR as well as KVOR. Saturday morning we hope to take a drive around to many of the local tower sites. That night our banquet will be at the local Golden Corral buffet (not included in registration) And questions can be directed to mikesanburn@hotmail.com. Hope to see many DXers there. 73 Mike KG6LJU

**Madison/Milwaukee GTG:** The 18th annual Madison-Milwaukee Get-Together will take place on Saturday, August 20, 2011, beginning at 1 p.m. This year's event is in the Milwaukee area, hosted by Tim Noonan and his family in south suburban Oak Creek. It is an all-band event, and anyone interested in the radio hobby is welcome. For more information, contact Tim at [DXing2@aol.com](mailto:DXing2@aol.com) or 414 762-2702.

(via Bill Hale)

## *Musings of the Members*

**Dave Schmidt** [NRCMusings@aol.com](mailto:NRCMusings@aol.com)  
P.O. Box 126  
New Freedom, PA 17349-0126

**Thoughts from NRC members. Local time per Muse.**

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

John Demmitt, AK0848 Unit AD 11-1, 5706 Glades Pike, P. O. Box 631, Somerset PA 15501-0631

Perhaps a club member can tell me the make and model of an AM-FM only set that can perform close to that of the GE-RCA Super Radio that is no longer being sold. Is there a portable HD AM-FM radio available? I understand Radio Shack no longer stocks them. Will HD Radio go the way of AM Stereo? Take Care & 73 John

# Confirmed DXer

**Phil Bytheway** phil\_tekno@yahoo.com  
 9705 Mary NW  
 Seattle, WA 98117-2334

If and when you hear back from a station, let us know the details – pb

- 530 CMBQ **CUBA**, Radio Enciclopedia, La Habana. Sent e-f/up, received email in 3 days. V/s: Luisa Márquez, Directora General. [imarquez@renciclopedia.icrt.cu](mailto:imarquez@renciclopedia.icrt.cu). (MM-Spain)
- 570 CMBD **CUBA** (CMEA ITU97) R RELOJ, Sta Clara. At 5th e-f/up I have received a reply from they in 3h 30m. V/s: Helena Reyes Álvarez, Relaciones Públicas Radio Reloj. [Helena@rreloj.icrt.cu](mailto:Helena@rreloj.icrt.cu). (MM-Spain)
- 650 WSM **TN**, Nashville. Sent s-mail report. Received nice QSL-folder, sticker in 10 m. V/s: not readable. Addr: 2644 McGavock Pike, Nashville TN 37214. (MM-Spain)
- 660 XEEY **MEXICO**, Aguascalientes, AGS. N/D e-mail verie in 32 days for Snail Mail f/up for 2002 log. Sent by Iliana G. Moreno Ochoa. First MW verie from Aguascalientes state and 17th XE state overall. (JW-CO)
- 690 WOKV **FL**, Jacksonville. R/d letter. V/s Rick Benson. Rcvd in 11 days ms. (DJ-TN)
- 740 KRMG **OK**, Tulsa. F/d letter. V/s Wayne Smith. Rcvd in 70 days. (DJ-TN)
- 927 ORU **BELGIUM**, R Vlaanderen Info, Wolvertem. Sent e-rep., received f/d email in 1h. V/s: Erik Baeyens. [erik.baeyens@vrt.be](mailto:erik.baeyens@vrt.be). (MM-Spain)
- 930 WBEN **NY**, Buffalo. At 7th email try! Received f/d email in 1 day. V/s: Tim Holly, Sales Director. [THolly@entercom.com](mailto:THolly@entercom.com). (MM-Spain)
- 940 WCPC **MS**, Houston. Sent e-report (2nd try), received f/d email in 45min. V/s: Steve Stigall, Operations Director. [steve@wilkinsradio.com](mailto:steve@wilkinsradio.com). (MM-Spain)
- 940 XEYJ **MEXICO**, Nueva Rosita, COAH. E-mail verie in 20 days for a Snail Mail f/up. Sender was Jesús Jimenez L, Director. This was for a 2002 log. XE verie #119 on MW. (JW-CO)
- 960 XEFAMA **MEXICO**, Cd Camargo, CHIH. PPC, nice letter, and 8x11 certificate on heavy stock in 41 days for f/up. V/S Francisco Antonio Muñoz Muñoz, Director General. Loosely translated, the certificate says "La Indomable Fama 960 presents this Recognition to Sr. Jhon [sic] Wilkins for being our listener en Wheat Ridge, Colorado, USA". This was sent via Priority Mail from and mailed from Hidalgo, Texas. Now why can't other stations be just half as nice? This was a f/up for a 2003 logging. (JW-CO)
- 990 CKGM **QC**, Montreal. Sent 2nd e-f/up, received email in 1 day. V/s: Wayne Bews, General Manager. [wayne.bews@chumradio.com](mailto:wayne.bews@chumradio.com). (MM-Spain)
- 1020 CMBD **CUBA**, R RELOJ, Victoria de Las Tunas. Sent e-report, received f/d email in 90min. V/s: Helena Reyes Álvarez, Relaciones Públicas Radio Reloj. [Helena@rreloj.icrt.cu](mailto:Helena@rreloj.icrt.cu). (MM-Spain)
- 1050 WJSB **FL**, Crestview. P/d letter and map. V/s Claude Strickland. Rcvd in 6 days ms. (DJ-TN)
- 1070 WMIA **PR**, R ARECIBO, Arecibo. Many tries from the 80s with no reply, now received email in 1h 50m. V/s: Néstor F. González, Director Técnico. THANKS OJS for the email! [nfgonzalezwmia@gmail.com](mailto:nfgonzalezwmia@gmail.com). (MM-Spain)
- 1250 WGAM **NH**, Manchester. Sent e-f/up, received short email in 55min. V/s: Michael S. Winn, General Manager. [info@wgamradio.com](mailto:info@wgamradio.com). (MM-Spain)
- 1270 WLIK **TN**, Newport. P/d letter and map. V/s Dwight Wilkerson. Rcvd in 16 days ms. (DJ-TN)
- 1380 CB138 **CHILE**, Radio Corporación, Santiago. Sent many s-mail reports and tried several times via email (all bouncing back!) with no luck. Finally I have received f/d email in 9h. Thanks to OJS! for the working email. V/s: Gonzalo Ortega Contreras. [gonzaloadmin@radiocorporacion.cl](mailto:gonzaloadmin@radiocorporacion.cl). (MM-Spain)
- 1430 WLKF **FL**, Lakeland. Sent e-f/up, received email in 2h 30m. V/s: Andrea Oliver, News/Public Affairs Director. [aoliver@wlkf.com](mailto:aoliver@wlkf.com). (MM-Spain)
- 1460 KUTI **WA**, Yakima. PPC in 31 days for f/up. V/S looks like Micah D Camby. This one took only 7 f/ups. (JW-CO)
- 1503 CSB83 **AZORES**, AFN-Lajes "The Rock," Lajes Air Base. S-mail rep. not replied nor the first e-f/up (to island96@...) so I wrote a second one to "the boss". Received f/d email in 5



- h. V/s: Sean "Scoop" Cobb, SMSgt, USAF, American Forces Network-Lajes, Station Commander. [sean.cobb@lajes.af.mil](mailto:sean.cobb@lajes.af.mil). (MM-Spain)
- 1540 OCU2X **PERÚ**, Radio Turbomix-AM. Sent s-mail rep. and 5 f/ups. Received email in 1h. No v/s. Rep. sent to Daisy Huamán Chávez, Ejecutiva de Ventas. [ventas@turbomix.com.pe](mailto:ventas@turbomix.com.pe). (MM-Spain)
- 1540 WKVQ **GA**, Eatonton. Heard DX-Test. Sent s-mail rep., received eQSL in 7d. V/s: Craig Baker. [starstation@bellsouth.net](mailto:starstation@bellsouth.net). (MM-Spain)  
+ P/d letter, map and business card. V/s Craig Baker. Rcvd in 3 days for rpt on DX-Test. (DJ-TN)
- 1540 WKVQ **GA**, Eatonton. P/D 8x11 computer-printed verie and "Star Station" flyer in 6 days for DX test. V/S Craig Baker, CE. (JW-CO)
- 1590 WVNA **AL**, Tuscombua. Sent 3rd e-f/up, received f/d email in 40min. V/s: Jeffrey Z Vaughn Sr., Chief Engineer. [jeffreyvaughn@urbanradio.fm](mailto:jeffreyvaughn@urbanradio.fm). (MM-Spain)
- 1600 WUNR **MA**, Brookline. Sent s-mail and 4 email f/ups. Received email in 19min. V/s: Samantha Edwards, Property & Office Manager. [sedwards@wunr.com](mailto:sedwards@wunr.com). (MM-Spain)
- 1660 KUDL **KS**, Kansas City. PPC, nice letter in 7 days from John C Morris, CE Entercom. (JW-CO)
- 1660 WCNZ **FL**, Marco Island. At 2nd e-f/up received short email in 27min. V/s: Rick Vaske, General Manger. [RickVaske@avenuefla.com](mailto:RickVaske@avenuefla.com). (MM-Spain)

**David Jones**, Nashville, TX (DJ-TN)

**Mauricio Molano**, Salamanca, SPAIN (MM-Spain)

**John Wilkins**, Wheat Ridge, CO (JW-CO)

## Radio Survives and Thrives

TheHistory of Kentucky Broadcasting from 1945-1970

By Kenneth D. MacHarg

When the "Purple People Eater" on Louisville's WAKY came roaring out of listener's radios on July 7, 1958, radio in Kentucky, and for that matter across the nation, had changed forever.

Not that those changes should have been unexpected. Since early that decade radio had been faced with a life-threatening situation. The development of television combined with the decline in network radio put local stations into a crisis.

The end of World War II saw radio at its apex. Programming from network and local sources filled the airwaves, and local stations were springing up all across the landscape.

RADIO SURVIVES AND THRIVES is a new publication that describes the changes in radio between the end of World War II and the early 1970s as well as the emergence of television in the Commonwealth during those years.

Originally written as a major chapter for a book on the history of radio in Kentucky, this essay was not used, though it was available to Francis Nash who penned the excellent book TOWERS OVER KENTUCKY: A HISTORY OF RADIO AND TV IN THE BLUEGRASS STATE that was published by Host Communications in cooperation with the Kentucky Broadcasters Association.

For those who want to explore this fascinating era of radio and television history statewide, writer Kenneth D. MacHarg has issued the material in this 60page booklet available from the following sources:

- in published format: <https://www.createpace.com/3587779>,
- in electronic form through Kindle at: <http://www.amazon.com/>
- for a nookelectronic reader at: <http://barnesandnoble.com/>

Reading through this publication, the reader will understand why the broadcast media changed during this period. Many radio and TV stations across the state are profiled along with an exploration of the types of programming offered and some of the individuals who helped to make it happen.

Listeners will be reminded of on-air personalities from across the state who became like personal friends or who went on to national stardom.

In addition, readers will find mention of not only the giant broadcasters in cities such as Louisville and Lexington, but those hometown stations that continued to serve their communities through news, sports broadcasts and entertainment including live, on-air performances by local musicians, country music performers and others. Stations from across the state, from Owensboro to Ashland, Pikeville to Paducah are featured.

Author Kenneth MacHarg writes: "I trust you will enjoy this history of the exciting world of broadcasting in Kentucky between 1945 and 1970, its successes, its failures, its foibles, its service to the listeners of Kentucky. Perhaps it will bring back many memories to you or at least help you to understand how broadcasting developed and moved toward what it is today."

For more information write to: [riotoriogrande@gmail.com](mailto:riotoriogrande@gmail.com)

# *DX Tool Box*      **Shawn Axelrod** [amandx@mymts.net](mailto:amandx@mymts.net)

## **30 Becontree Bay**

## **Winnipeg, MB R2N 2X9 CANADA**

### **Improving your DX skills – tips from new and veteran members**

Greetings once again from the Heart of the Continent and welcome to the DX Tool Box Column number 29. This time around we will be looking at the AM radio band in Manitoba. The band here as in almost every place in Canada is slowly shrinking, even in Winnipeg which is Manitoba's capital and largest city. We have five AM radio stations in a city of 650,000 people. There is a major move to FM especially in urban areas all across Canada. Virtually all new applications for new radio stations are for the FM band. Winnipeg has lost both 580 CKY and 630 CKRC in recent years to the FM band. In fact Prince Edward Island in the Maritimes has no AM stations at all in the province. All radio stations in PEI are on FM now.

Below is a list on the AM stations in Manitoba. It is sorted by City of License, Callsign, Frequency, Format/Information and finally a Slogan (if any) is in quotation marks like these "".

ALTONA	CFAM 950	CLASSICAL/VARIETY/GERMAN "R. SOUTHERN MANITOBA"
BOISSEVAIN	CJRB 1220	CLASSICAL/VARIETY/GERMAN "R. SOUTHERN MANITOBA"
BRANDON	CKLQ 880	COUNTRY "Q COUNTRY"
CHURCHILL	CHFC 1230	CBC ENGLISH-RADIO 1 //990 WINNIPEG
CROSS LAKE	CFNC 1490	NATIVE/ABORIGINAL
DAUPHIN	CKDM 730	COUNTRY "THE PARKLAND'S BEST MUSIC"
FLIN FLON	CFAR 590	COUNTRY/AC
MORDEN	CKMW 1570	COUNTRY
PORTAGE LA PRAIRIE	CFRY 920	COUNTRY/RELIGIOUS "CEE-FRY"
STEINBACH	CHSM 1250	CLASSICAL/VARIETY/GERMAN "R. SOUTHERN MANITOBA"
ST-LAZARE	CKSB-2 860	CBC FRENCH-SRC // 1050 WINNIPEG "PREMIERE CHAINE"
THE PAS	CJAR 1240	COUNTRY/AC "CJ 1240"
THOMPSON	CHTM 610	VARIETY
WINNIPEG	CJOB 680	TALK /SPORTS/MUSIC "OB-68"
WINNIPEG	CKJS 810	ETHNIC-MULTI-LINGUAL DAYS/ LIGHT ROCK NIGHTS AFTER MIDNIGHT
WINNIPEG	CBW 990	CBC ENGLISH-RADIO 1 //89.3 FM
WINNIPEG	CKSB 1050	CBC FRENCH-SRC // 90.5 FM "LA PREMIERE CHAINE"
WINNIPEG	CFRW 1290	SPORTS MOSTLY SATELLITE FEEDS "SPORTS 12-90"

As you can see it is a short list for a province with over 1,000,000 people in it. The up side however is that DX'ing the AM band is a bit easier here than it would be if the stations had not migrated to FM.

#### **Bits and Bites from the NRC Listserve:**

Subject: [NRC-AM] Over Mod on the increase? I have noticed over the past year or two, stations with overmod more. Like around here, KKEE-1230-Astoria (ESPN) is horrible. Distortion. I don't see how anyone would listen to them. I have phoned New NW BCing and so far nothing has been done. They did not even sound all that interested. I got the idea, they knew it. Then even KSWB-840 Seaside has cranked their mod up, right on the line where if it was any higher, there would be clipping, so the splatter is worse. In setting 820 KGNW on a null to get Waldport OR, which I can hear, the splatter from KSWB 840 is terrible. Of course, I have to go right through Seaside to get to Waldport, so the signal on KSWB is peaked. There is no way around it, as if I don't phase out the North, KGNW is dominant. Then I noticed today KGDD-1520-Portland to be over mod too, causing splatter on 1510 & 1530. They are S9+5 here, not that overly strong and never used to splatter on KGA 1510 or KFBK-1530 days. Calling the FCC would be a total waste of time in today's world. First, the local stations cannot be received at the FCC official's home in Portland and he isn't going to drive out here to check. He might do something about KGDD, but I kind of doubt it. I wish we had our "old" FCC back. I just have a feeling that the future of over mod is just going to get worse. Add to that IBOC and more stations not dropping power at night. 1310 Prosser WA as well as 1480 Gooding ID both go on for weeks running 5 KW ND 24/7. I did noticed 1310 Prosser to be back to their lp last night as I could hear Missoula MT. If the government had the FCC there to fine stations



that broke the rules, there would be plenty of money to support the FCC. Has anyone else noticed station running over mod the past few years? Patrick Martin Seaside OR

From: "Jim Tonne" [Tonne@Comcast.Net](mailto:Tonne@Comcast.Net) Subject: Re: Over Mod on the increase?

I have been watching this "over modulation" thread and think that there may be a problem with observation. I suspect strongly that junky/bad/unwanted/splattery sidebands are being observed and the problem is being immediately (and incorrectly) blamed on over modulation. I suspect that the REAL problem is simply distortion in the modulating circuitry in the transmitter, not actual over modulation. Just because a signal splatters over one or more adjacent channels does not mean the station is over modulating. Distorted modulation (caused by a dead modulator tube, for example) can easily cause such trashy sidebands. Knowing how little maintenance is being pulled on transmitters nowadays, this seems perfectly logical to me. Or an RF amplifier tube that has low emission and simply can't produce the required positive peaks. The list goes on. To flush out the answer about whether the station is over modulating or not, simply watch the output of your receiver I.F. strip on a scope. Don't look at the demodulated audio. Look at the "RF" being applied to the demodulator. I point out this little tidbit because even my Collins 51J4 has distortion on the negative peaks at modulation levels considerably below 100% and most radios do the same thing. And while I have your attention, you would do yourselves a favor by giving a brief look at an appnote on this subject of why demodulators distort. To see it go here <http://tonnesoftware.com/miscellany.html> and click on Demodulator. I suspect you will find the paper to be an eye opener. 73, JimT W4ENE

From: "Frederick R. Vobbe" [fvobbe@vobbe.org](mailto:fvobbe@vobbe.org) Subject: Re Ugh! Nasty QRN Has Appeared on MW Band!

First thing I would do is with a portable radio, drop each breaker in your panel and see if one of them fixes the problem. That will point to it being your problem. If you still have the noise, go out to where your drop comes into the house and move your radio around the line and see if the noise increases and decreases with proximity to the line. Check barn lights, or anything using a light detection device. Mine got real noisy 10 years ago and it turned out to be the SCR in the detector. This also applies to streetlights. If you have the buzz in the day, look for a light on during the day, or one that doesn't come on at night. That might point to a problem. Next, go outside at night when the sound is really buzzing. Look carefully at the insulators on the pole, and see if you can spot a little blue arc. Around here they use "bell insulators," which look like a bell mounted sideways on the pole. Around here they are porcelain, and will develop cracks with age. When moisture gets in the crack they will sit and arc for months, especially if the pole is wet. Take your radio and walk the power lines near your house. Usually it will come and go as you walk down under the lines, but if you come to the spot where the problem is, it's usually pretty intense. On the 12.6kv lines around here, a bad transformer a block away can radiate down the lines, usually with increasing and decreasing intensity. Finally, check your neighbors. Years ago I had a problem on everything lower than 1100 kHz. Turned out to be the fish tank heater at my neighbors. The little thermostat element would randomly stick and "buzz" as the heater came on. When it came on, it would produce S7 buzzing on the lower band. Hope this helps you a bit. These things can be frustrating.

On 5/17/2011 11:59 PM, Stephen Ponder wrote: Thanks to everybody on all the groups that has responded to my "cry" for assistance! It's great to know that I'm not the only DX'er that has had to deal with this problem! Long story short, the buzz& static are still there. I have ruled OUT the following potential culprits: - iPhones & Wall Chargers (no probs) - Uniden DECT 6.0 Cordless Phones& Wall-Warts (no probs) - SW Bell DSL Modem& Phone Filters (no probs) - Wife's CFL Porch Light (no probs) - Asus Laptops& Power Supplies (no probs) - Both Comcast Cable boxes& Cables (no probs) - Both Analogue Colour TVs (no probs) - All Power Strips Throughout House (no probs) - Automatic Patio Floodlights, come on @ Dusk (no probs) The only thing different that I can remember between a quiet MW band and the band from He\*\* that I have now is that the Cable Technician replaced a 3-Way splitter in our attic (we had an "extra" drop in case we wanted to add a small TV in the kitchen) with a 2-Way splitter for just the 2 TVs that we have now. The extra cable is still up there, looped around a joist. Do you think the noise could have started because of the splitter swap from 3 to 2?? Sorry for the long post. As you can see, I'm sort of frustrated. I was trying everything I could INSIDE before I started looking outside. Thanks& 73, Steve N5WBI

From: Barry McLarnon [bdm@bdmcomm.ca](mailto:bdm@bdmcomm.ca) Subject: Re: [NRC-AM] What am I hearing?

On Friday 20 May 2011 10:11:41 Bruce Winkelman wrote: "Now the question from my daughter-in-law: What am I hearing with nothing on the frequency? I started to answer but quickly realized I had no idea what I was hearing. Perhaps some lightning crashes from the tropics and local/semi-local RF noise sources in a suburban environment. But what else am I hearing? The phrase "music of

the spheres" comes to mind. I'm sure the answer will depend on frequency and time-of-day. Am I hearing the "faint whispers of the cosmos" at RF?"

The answer is: it depends. There are basically four sources of noise: the internal (thermal) noise generated in your receiver, and external noise from atmospheric, galactic, and man-made sources. All of the external sources are frequency-dependent, and the atmospheric and man-made sources are of course location-dependent. At 15 MHz in a typical suburban environment (and temperate latitudes), man-made noise will most likely dominate in the winter months, and atmospheric noise will tend to dominate in the summer. Of course, that's too simplistic, since atmospheric noise depends on a number of variables (weather patterns, and propagation factors such as time of day, sunspot number, geomagnetic indices, etc.). Similarly, man-made noise has many local variations. In any case, the external noise will always dominate the internal noise if you have a half-decent receiver and antenna. As for hearing the music of the spheres, it is definitely possible at 15 MHz to hear noise from the sun, Jupiter, and more distant sources, but you would have to have an exceptionally quiet location, and be listening at a time when atmospheric noise is very low. It would also be helpful to be using an antenna that favors signals arriving at high elevation angles over those at low angles, such as a horizontal dipole that is not too far above ground (e.g., a quarter-wavelength or so). That's my \$0.02, anyway...Barry McLarnon VE3JF Ottawa, ON (But how do you QSL Jupiter???-Editor)

### This month's DX Tool Box web site is:

Ham Info Bar The web site is located at: <http://www.haminfo.co.uk/>

This is an add-on for your Internet Explorer, Firefox or Chrome browser. It forms a bar at the top of the page and gives you all sorts of at-a-glance information. You can see the time in UTC, Your local weather temperature, and a drop down box for all sorts of hobby related web sites. There are also links to podcasts news and live radio feeds. It is easy to use and sets up very quick. I have mine running all the time. Yes it is free and there are regular updates. The owner is open to new web links and welcomes suggestions. You can even add your own callsign to the bar to make it a more personal add-on.

73 for this time Shawn

### Remember On A Clear Day You Can Hear Forever

## Geomagnetic Indices (From Phil Bytheway)

Geomagnetic summary tabulated from daily e-mail data.

Date	Flux	A	K	Space Wx	Date	Flux	A	K	Space Wx	Date	Flux	A	K	Space Wx
4/ 1	109	12	3	no storms	4/11	106	8	2	no storms	4/21	113	5	2	no storms
2	108	20	4	no storms	12	110	16	2	no storms	22	115	5	1	minor
3	114	16	3	no storms	13	118	14	1	no storms	23	119	7	1	no storms
4	113	7	1	no storms	14	119	5	3	no storms	24	117	6	3	no storms
5	109	4	2	no storms	15	129	5	2	minor	25	112	6	1	no storms
6	117	20	3	minor	16	119	4	2	no storms	26	109	3	1	no storms
7	112	5	1	no storms	17	114	4	1	no storms	27	108	1	1	no storms
8	109	8	3	no storms	18	111	11	1	no storms	28	110	1	1	no storms
9	105	8	1	no storms	19	111	6	3	no storms	29	110	12	5	minor
10	105	2	1	no storms	20	117	15	1	no storms	4/30	110	21	3	no storms

## NOAA Space Weather Outlook

Issued May 24 – For the period May 25-June 20, 2011

Solar activity is expected to be very low, with a slight chance for low levels between May 25-30. Activity is expected to increase to very low to low levels during the rest of the period, when old Region 1208 returns during the rest of 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 normal to moderate levels. High levels are expected during May 29-June 6.

Geomagnetic field activity is expected to be at quiet levels on May 25. Activity is expected to increase to quiet to active levels, with isolated minor storm levels at high latitudes during May 26-30, due to a recurrent coronal hole high-speed stream. Activity is expected to decrease to predominantly quiet levels during May 31-June 10. Activity is expected to increase to during June 11-12 due to a recurrent coronal hole high-speed stream. Quiet levels are expected for the rest of the period. (From <http://www.swpc.noaa.gov/ftplib/weekly/WKHF.txt>)

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**National Radio Club**

**P.O. Box 473251**

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