

# DX News

Serving DX'ers since 1933



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**2016 DXers Gathering:** Hope you're planning to join the 2016 DXers Gathering September 9-11 in Kansas City. We're told that hotel rooms are filling fast, so make your reservations now. Ernie reports that the banquet menu is set, and that he will be bringing some 4,000 prepared veries on 2-cent postal cards and two 3-ring binders with about 150 shortwave QSLs, all from the 1920s-1940s, belonging to deceased DXers and available to anyone interested. See page 6 for more info.

**Taking Preorders for 37th Edition NRC Log** – We are taking preorders for the 37th edition of the *NRC AM Log*. For orders to U.S. addresses, we will no longer be offering the “media rate” option (for reasons we'll explain in a moment). Instead, orders to U.S. addresses will all be shipped Priority Mail, with a cost of \$26.95 to members and \$30.95 to nonmembers. Canada (US\$36.25) and overseas (US\$41.75) rates remain the same as in the past. Contact Wayne at NRC Publications as on the back page for your pre-order now. Shipping towards the end of August.

**Other Publications Changes** – It's been increasingly clear that our volunteer publications team has been spending way too much time standing in line at the U.S. Post Office lately. One of the major reasons is that domestic “Media Mail” weighing over 13 ounces has to be handed to a postal clerk every time, with typical waits of 20-45 minutes on a regular basis.

To mitigate this problem, the NRC is no longer mailing copies of several forms and documents that can easily be printed by members themselves from masters. These include the various editions of the Broadcasters Guide to DX (AM/FM, English, French, Spanish), NRC Log Sheets, NRC Member Logo Stationery, and NRC Member Logo reception report forms. Instead, you can order a paper “master” copy shipped for \$2.00 and make your own copies, or – even better – you can request an Adobe .PDF version for free via e-mail.

**Madison-Milwaukee GTG:** The 23rd annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts will be held on Saturday August 20 from 1:00 to 9:30 PM CDT. This year's location is Madison WI and your hosts are Bill Dvorak and Mark Taylor. For only the third time in get-together history the venue is a park, this

time beautiful and spacious Lake Farm County Park, 4330 Libby Road Madison WI 53711. For further information please e-mail Bill at [dxerak@gmail.com](mailto:dxerak@gmail.com) or Mark at [markokpik@gmail.com](mailto:markokpik@gmail.com) (please include "Madison DX Get-together" in the subject line).

To get a taste of last year's event held in Oak Creek WI, let us direct you to GTG attendee Dave Legler's Flickr photo album of it and see how many NRC members you recognize: [https://www.flickr.com/photos/dave\\_legler/sets/72157659027189280](https://www.flickr.com/photos/dave_legler/sets/72157659027189280)

Participation by NRC members is strong every year for this event and this year should be no exception. We hope you can join us! See you on August 20!

**From the Publisher:** Thanks to all our contributors for a solid summer issue. I apologize for being slow to get some things posted lately and to reply to e-mail messages, as my work schedule has been quite busy in recent weeks. I do get to everything eventually, so please be patient!

A reminder that *DX News* is posted to e-DXN more than a full week before the masthead publication date and is available there electronically to e-DXN subscribers. We also publish a weekly Interim AM Switch on e-DXN with the FCC changes from the previous week, along with *NRC AM Log* updates (except in summer when the full Log is being prepared for a new edition). So stay up-to-the minute even when the printed *DX News* is on the summer schedule.

And a happy Canada Day and U.S. Independence Day to all! If your holiday plans include DX, we'd like to hear about it!

## Membership Report

**Renewing Members:** Thanks for the continued support of Steve Chappell; Kenneth L. Diehl; Richard C. Evans; Barry S. Finkel; James Hall; Chris Knight; John Kraemer; Guy Kudlemyer; George Magiros; John Nowak; Hugh O'Riordan; Albert V. Prete; Les Rayburn; Christopher Roach; Terry Sparks; and John Tow.

## Volume 83 DX News Schedule

Deadline	Publish		
18 July 22	Aug. 1	19 Aug. 19	Aug. 29
		20 Sept. 9	Sept. 19

# AM Switch

Info to David Yocis, 9412 Ferry Landing Ct., Alexandria, VA 22309, [NRCDXNews@gmail.com](mailto:NRCDXNews@gmail.com)  
 Canadian information from CRTC complied by Shawn Axelrod and Dan Sys  
 NRC AM Log updates from Wayne Heinen, [amradiolog@nrcdxas.org](mailto:amradiolog@nrcdxas.org)

## Official updates from the FCC and the CRTC

### CALL CHANGES

- 910 WSFE KY **Burnside** – Call change to WSEK (June 1).  
 1200 WAMB TN **Nashville** – Call change to WFCN (June 9) (station is silent).  
 1570 WNDA IN **New Albany** – Call change to WLRS (June 3).  
 1590 WIJK MD **Ocean City** – Call change to WGBG (June 7).  
 1600 WLRS KY **Eminence** – Call change to WLUE (June 3).

### CONSTRUCTION PERMITS FOR EXISTING STATIONS

CPs on the air:

- 850 WQRM MN **Duluth** – CP for D1 50000 (ch 14000) is on the air.  
 990 WISK GA **Lawrenceville** – CP for D1 2500 is on the air.  
 1000 KKIM NM **Albuquerque** – CP for U1 10000/53 from 35-03-04/106-38-34 is on the air.

CPs built, nearing final licensing:

- 1310 WDTW MI **Dearborn** – Applies for program test authority to use CP for new towers.  
 1590 WAUB NY **Auburn** – Applies for license to cover CP for U4 450/1000.

CPs granted:

- 920 WGHQ NY **Kingston** – Granted CP for U1 1000/35, corrected coordinates (41-53-13/73-58-17).  
 1050 KFIO WA **Dishman** – Granted CP for U1 25000/260, new site (47-35-58/117-22-38).  
 1310 KIHP AZ **Mesa** – Granted CP for U1 3400/260, new site (33-21-43/111-58-03).  
 1400 WFL FL **Fort Lauderdale** – Granted CP for new site (26-10-25/80-09-28).  
 1510 KSPA CA **Ontario** – Granted CP for U4 10000/6000.  
 1530 WCKG IL **Elmhurst** – Granted CP for D3 4000.

Applications filed:

- 860 WAMI AL **Opp** – Applies for D1 1000 **on 880 kHz**, coordinates 31-18-30/86-15-25.  
 930 WKY OK **Oklahoma City** – Applies for U1 5000/510, coordinates to 35-33-43/97-30-24.  
 1010 KIND KS **Independence** – Applies to move to 37-15-42/95-45-59, remaining U1 250/32.  
 1460 WATD MA **Brockton** – Applies for U1 5000/30, moving to a new site at 42-03-01/71-03-42.  
 1490 WBGA GA **Brunswick** – Applies for U1 900/900.

Application to amend existing CP:

- 630 WREY MN **St. Paul** – Has CP for U4 5000/1600 at a new site, applies to amend CP to U4 3000/2400 at its present site.  
 1310 KKNS NM **Corrales** – Has pending application for U1 5000/74 from a new site; amends the application to specify U1 5000/82. (*GH points out typo'd as 1330 last issue – thanks!*)

### SPECIAL TEMPORARY AUTHORITY (STA)

- 890 KDXU UT **St. George** – Applies for STA of U1 10000/2500 while KHKR-1210 is diplexed there.  
 920 KKLS SD **Rapid City** – Granted STA for reduced power (currently U4 3200/70) due to changes to pattern produced by newly completed nearby power line.  
 1060 WGSB NC **Mebane** – Granted STA with D1 250 (ch 125) from a temporary antenna.  
 1200 KFNW ND **West Fargo** – Granted STA with day parameters at variance (one tower in the day pattern is drifting).  
 1360 WPPA PA **Pottsville** – Granted STA with parameters at variance (ground system hit by the copper thieves).  
 1370 WLLN NC **Lillington** – Granted STA with U4 1000/49, transmitter problems.  
 1420 KSTN CA **Stockton** – Granted STA for U1 1250/250 during rebuild of directional pattern.  
 1470 WWNN FL **Pompano Beach** – Granted STA with U2 12500/2500 during tower work only.  
 1530 WCKY OH **Cincinnati** – Granted STA for U1 50000/12500, phasing equipment failure.  
 1550 WNZF FL **Bunnell** – Granted STA for U2 1000/250, failure of main transmitter.  
 KKOV WA **Vancouver** – Granted STA for U2 5000/5000, transmitter problems.  
 1560 KGOW TX **Bellaire** – Applies for STA for U3 15000/15000 from night site; day site severely damaged in recent Houston-area flooding.

- 1580 WNTF FL Bithlo – Granted STA with D1 2500.  
 1590 WFTH VA Richmond – Granted STA with reduced (100') tower height; top of tower collapsed.  
 1600 KATZ MO St. Louis – Granted STA with U5 6000/875, mowers cut line to a night tower.  
 1690 KFSG CA Roseville – Granted STA with U1 6000/1000, transmitter problem.

Applications to extend existing STAs were **received** from WREC-600 Memphis TN (parameters at variance); WIIN-780 Ridgeland MS (D1 250); WAYY-790 Eau Claire WI (U1 5000/1250); WKVL-850 Knoxville TN (D1 1000 from temporary longwire antenna); KECR-910 El Cajon CA (U4 1250/5000, night pattern 24 hours); WDMC-920 Melbourne FL (U1 1250/500); KDHL-920 Faribault MN (reduced power); KOVO-960 Provo UT (U1 5000/140); WRFM-990 Muncie IN (U1 62/1 from temporary antenna); KXEN-1010 St. Louis MO (U5 50000/125); WHOO-1080 Kissimmee FL (U1 1500/11 from WAMT-1190 site); WUFO-1080 Amherst NY (D1 1000 from WECK-1230 tower); KLIB-1110 Roseville CA (U2 1250/500); KLIM-1120 Limon CO (D1 100); KLTK-1130 Minneapolis MN (parameters at variance); WTMP-1150 Egypt Lake FL (parameters at variance); WQHC-1170 Hanceville AL (D1 10 from temporary site); WPSP-1190 Royal Palm Beach FL (U4 2200/410); WBIG-1280 Aurora IL (parameters at variance); WOAD-1300 Jackson MS (U1 5000/950); WMOR-1330 Morehead KY (D1 50 from temporary antenna); WNVA-1350 Norton VA (U1 37/37 from emergency antenna); WHNR-1360 Cypress Gardens FL (U1 1250/625 from temporary antenna); WDOV-1410 Dover DE (parameters at variance); WSHY-1410 Lafayette IN (U1 250/60); KEZW-1430 Aurora CO (U1 10000/1250); WENE-1430 Endicott NY (U1 5000/1250); WLAY-1450 Muscle Shoals AL (U1 60/60 from emergency antenna); WBNS-1460 Columbus OH (parameters at variance); WMGG-1470 Dunedin FL (U1 750/400 from CP site); KAIR-1470 Atchison KS (U1 250/250); KYOS-1480 Merced CA (U1 5000/1250 from temporary site); KOKC-1520 Oklahoma City OK (U1 10000/10000); WYCL-1540 Niles OH (D1 125); WVNA-1590 Tuscumbia AL (D1 2000 from temporary site); WPUL-1590 South Daytona FL (U1 250/320 from temporary site); and WGBG-1590 Ocean City MD (U1 250/57 from temporary antenna).

Applications to extend existing STAs were **granted** to WETC-540 Wendell-Zebulon NC (parameters at variance during CP installation); WSYR-570 Syracuse NY (minor parameters at variance); WWLZ-820 Horseheads NY (U1 4100/210); KTRB-860 San Francisco CA (U1 50000/12500 from day site); KKAT-860 Salt Lake City UT (U1 196/196); WKY-930 Oklahoma City OK (U1 5000/1250); WRNS-960 Kinston NC (U1 1000/1000); KFIO-1050 Dishman WA (U1 4000/260 from CP site); WCSZ-1070 Sans Souci SC (U1 2000/375); WHIM-1080 Coral Gables FL (U4 50000/20000 to overcome Cuban QRM); WSHU-1260 Westport CT (U1 250/2 from temporary site); WIBR-1300 Baton Rouge LA (U1 1250/250); WJZ-1300 Baltimore MD (parameters at variance); KIQQ-1310 Barstow CA (U1 1250/29.5); KWWJ-1360 Baytown TX (parameters at variance); KPUR-1440 Amarillo TX (reduced power, unspecified); KYYW-1470 Abilene TX (U1 5000/250); KCFC-1490 Boulder CO (U1 320/320 from alternate site); WJDM-1530 Elizabeth NJ (D1 250 from CP site); WRSJ-1560 Bayamon PR (U1 4000/740 from CP site); and WHTX-1570 Warren OH (U1 125/29).

#### SILENT STATIONS

Stations informing the FCC that they are silent:

- 930 WSFZ MS Jackson – Silent (again) June 15, can't operate from licensed facilities.  
 1050 KORE OR Springfield-Eugene – Silent June 15, pending sale.  
 1200 WFCN TN Nashville – Silent June 9, new owners want to make repairs.  
 1220 WAXO TN Lewisburg – Silent March 17 for financial reasons.  
 1380 WLRV VA Lebanon – Silent June 1 for financial reasons, pending sale.  
 1580 WMTI PR Morovís – Silent June 22, many problems at tower site.

Shawn Axelrod passes along media reports that KOAQ-690 Terrytown NE has been silent since June 22.

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

- 1060 WGSB NC Mebane – Silent June 18 (2015), back on the air with STA June 16.  
 1130 WRRL WV Rainelle – Silent July 13 (2015), back on the air June 4.  
 1220 WREV NC Reidsville – Silent June 18 (2015), back on the air June 10.  
 1370 WLLN NC Lillington – Silent June 18 (2015), back on the air with STA June 15.  
 1380 KDXE AR North Little Rock – Silent June 10 (2015), back on the air June 9.  
 1430 WOIR FL Homestead – Silent Mar. 17; back on the air May 31.  
 1490 KJNT WY Jackson – Silent June 16 (2015), back on the air June 7.

COORDINATE CORRECTION

1380 WSYB VT Rutland – Applies to correct coordinates to 43-35-29/72-59-27.

CANADA

600 CBLV ON Bancroft – LPRT has moved to FM and is off the air; delete.  
 610 CKOK NL Nain – Granted CP to move to 99.9 MHz FM.  
 830 CBVE1 QC La Tuque – Granted CP to move to 101.9 MHz FM.  
 1340 CKHV NL Happy Valley-Goose Bay – Granted CP to move to 99.3 MHz FM.  
 CBEY ON Moosonee – Granted CP to move to 99.9 MHz FM.

*NRC AM Log Updates*

This will be the final update to the 36th Edition of the *NRC AM Log*. We'll be shutting down the database and doing a full update, aiming for the 37th Edition in early August. Please send Wayne any updates for the new *Log* no later than August 1.

580 KTMT OR Ashland – Slogan to “ESPN 580 AM & 96.1 FM.”  
 600 KGEZ MT Kalispell – Format to NOS/OLD (ex-NOS); networks to WW1.  
 WSJS NC Winston-Salem – Format to TLK/SPT (ex-NWS/TLK); slogan to “The Triad’s New Radio”; networks to C/CS/WW1/MRN/PRN.  
 630 KVMA AR Magnolia – Format to Rock/OLD (ex-C&W/TLK).  
 770 WJBX FL North Fort Myers – Format to NWS/TLK (ex-SS:SPT); slogan & Group to // News Talk & More; networks to Fox/CMP/DR/BTR.  
 780 WIIN MS Ridgeland – Format to SPT (ex-OLD); slogan to “Super Sport 930”; networks to Ns; add // WSFZ-930; delete // WUSJ-96.3.  
 890 KMJE CA Olivehurst – Format to SS:Ranchera (ex-SS:CHR); slogan to “La Ranchera”; delete // KMJE-FM-92.1.  
 900 WYPZ GA Macon – Format to UC:GOS (ex-UC:AC); slogan to “Middle Georgia’s New Inspiration Station.”  
 WLSI KY Pikeville – Networks to A/WW1/ESPN; slogan & Group to // Talk Radio Network; delete Group // WLSI Group.  
 KFAL MO Fulton – Format to C&W/TLK (ex-C&W); slogan to “The Big 900,” networks to A/Mo/Bf/DR.  
 910 WSEK KY Burnside – Format to C&W (ex-TLK); slogan to “Icons 910,” drops networks.  
 WSRP NC Jacksonville – Format to SS:MEX (ex-SS:CHR).  
 WPFB OH Middletown – Networks to EWTN. (*Corrects typo*)  
 930 WSFZ MS Jackson – Slogan “Super Sport 930,” adds //WIIN-780.  
 WLBL WI Auburndale – Slogan & Group to // Ideas 930.  
 940 WNRG VA Grundy – Format to C&W (ex-GOS); slogan to “Double Barrel Country,” networks to WW1.  
 960 WPRT KY Prestonsburg – Slogan & Group to // Talk Radio Network; delete Group // WLSI Group; networks to A/WW1/ESPN.  
 WBMC TN McMinnville – Format to TLK/REL (ex-TLK); networks to DR/WW1/C2C.  
 1000 KFLG AZ Bullhead City – Slogan to “K-Star 99.3.”  
 WYBT FL Blountstown – Format to SS:REL (ex-OLD)  
 1050 WJCM FL Sebring – Format to SPT (ex-OLD); slogan to “ESPN Highlands 1050,” networks to ESPN.  
 KFIO WA Dishman – Format to REL (listed as Silent) (ex-NOS); delete slogan, networks.  
 1060 WQMV TN Waverly – Adds //W228DG-93.5. (FCC)  
 1070 WFRF FL Tallahassee – Adds //W262CC-100.3. (FCC)  
 KOPY TX Alice – Format to SPT (ex-SS:REL); networks to FSR; adds //K254AZ-98.7. (FCC)  
 1130 WRRL WV Rainelle – Format to GOS (was Silent); slogan to “Faith Radio,” drops networks.  
 1150 WXKO GA Fort Valley – Format to SPT (ex-UC); networks to ESPN; delete slogan, delete // WFXM-107.1.  
 KASM MN Albany – Adds //K236BB-95.1. (FCC)  
 1160 WPIE NY Trumansburg – Adds //W296CP-107.1. (FCC)  
 1200 WFCN TN Nashville – Delete Group // FM 98.9 Real Country.  
 1210 WILY IL Centralia – Slogan to “Oldies 1210 and 98.7.”  
 KRSV WY Afton – Format to AC (ex-C&W); delete slogan, delete // KRSV-FM-98.7.  
 1220 WFWL TN Camden – Networks to A/WW1/DR; adds //W259BN-99.7.  
 1230 WJOB IN Hammond – Networks to Ing/WW1/C2C; adds //W284CY-104.7. (FCC)  
 WLNK NC Kinston – Format to SS:MEX (ex-SS).  
 1240 KICD IA Spencer – Adds // K252EX-98.3. (FCC)

	WPKE	KY	Pikeville – Slogan to “Hit City USA.”
	WSFC	KY	Somerset – Format to NWS/TLK (ex-SPT); slogan to “NewsTalk 1240,” networks to A/Ky/TRN/P/Ru/CM/C2C.
1250	WYTH	GA	Madison – Format to UC:GOS (ex-NOS); slogan to “The Light,” networks to Gn, delete // WKVQ-1540.
1260	WSHU	CT	Westport – Slogan to “Fairfield County Public Radio,” adds // W293AU-106.5; delete Group // Fairfield County Public Radio.
	WIYD	FL	Palatka – Slogan to “Your Kickin’ Country Station.”
1270	WBOJ	GA	Columbus – Format to C&W (ex-SS:CHR).
1280	WFYC	MI	Alma – Format to C&W (ex-SPT); slogan to “Soul of America,” drops networks.
	WDNT	TN	Dayton – Slogan to “The Eagle,” adds //W246DG-97.1. (FCC)
1300	WOSW	NY	Fulton – Format to SPT (ex-C&W); slogan to “Fox Sports 1490 and 1300,” networks to FSR, adds // WOLF-1490.
	KOLY	SD	Mobridge – Format to AC/EZL (ex-NOS); slogan to “The Lite.”
1310	WKZD	AL	Priceville – Format to REL (ex-OLD); slogan to “Hope Radio.”
	KAHL	TX	San Antonio – Slogan to “Voice of the Foothills.”
1330	WHGM	MD	Havre de Grace – Format to OLD (ex-Rock/OLD); slogan to “Smash Hits.”
1340	KPGE	AZ	Page – Adds //K252FG-98.3. (FCC)
	KGFW	NE	Kearney – Adds //K241CN-96.1. (FCC)
	KVOT	NM	Taos – Format to REL:AC (ex-NWS/TLK); drops networks.
	KXPO	ND	Grafton – Adds //K234BO-94.7. (FCC)
	WBLB	VA	Pulaski – Slogan to “Family 1340.”
1350	WNLK	CT	Norwalk – Format to Brokered/TLK (was Silent); delete networks; delete Group // Fairfield County Public Radio.
	WSIQ	IL	Salem – Adds //W221DU-92.1. (FCC)
1370	KZSF	CA	San Jose – Slogan to “La Caliente.”
1380	WPHM	MI	Port Huron – Format to TLK/SPT (ex-NWS/TLK); networks to A/Mi/Ns/C2C.
1400	WSTC	CT	Stamford – Format to TLK/NOS (was Silent); delete networks; delete Group // Fairfield County Public Radio.
	KART	ID	Jerome – Adds //K234CT-94.7. (FCC)
	WEOA	IN	Evansville – Adds //W253BF-98.5. (FCC)
	KWNA	NV	Winnemucca – Format to Rock/OLD (ex-OLD).
	WICK	PA	Scranton – Slogan & Group to // The Game; networks to FSR.
	WBTH	WV	Williamson – Slogan & Group to // Talk Radio Network; delete Group // WLSI Group; networks to A/WW1/ESPN.
1410	WNWZ	MI	Grand Rapids – Slogan to “Magic 94.1,” adds // W231DD-94.1, drops networks.
	KNTX	TX	Bowie – Format to Rock/OLD (ex-OLD).
1440	WCDL	PA	Carbondale – Slogan & Group to // The Game; networks to FSR.
1460	WEKB	KY	Elkhorn City – Slogan to “Hit City USA.”
	WATD	MA	Brockton – Word from Marc is this has not been heard back on yet. (MD)
1490	KDRS	AR	Paragould – Slogan to “I Rock 103.7,” adds //K279CQ-103.7. (FCC)
	WSNT	GA	Sandersville – Format to GOS (ex-C&W); slogan to “Family 1490,” delete // WSNT-FM-99.9.
	WOLF	NY	Syracuse – Slogan to “Fox Sports 1490 and 1300,” adds // WOSW-1300.
	WCOR	TN	Lebanon – Slogan to “FM 98.9 Real Country,” delete Group // FM 98.9 Real Country.
1520	KYND	TX	Cypress – Format to UC:OLD/TLK (ex-C&W).
1540	WKVQ	GA	Eatonton – Format to REL (ex-NOS); slogan to “Wonderful Words of Life,” delete // WYTH-1250, delete networks.
	WTBI	SC	Pickens – Adds // WTBI-FM-91.5.
1550	WCVL	IN	Crawfordsville – Adds // W221CS-92.1. (FCC)
	WUCO	KY	Morganfield – Format to AC (ex-SPT); adds // W299CH-107.7, drops nets. (FCC)
	KMAD	OK	Madill – Adds // K247CK-97.3; delete // KICM-97.7. (FCC)
1560	KTUI	MO	Sullivan – Adds //K231CP-94.1. (FCC)
1570	KVAM	CO	Loveland – Adds //K267CD-101.3. (FCC)
	WMAK	TN	Lobelville – Format to C&W (ex-Bluegrass); slogan to “The Sound of the Tennessee River Valley.”
1590	KLIV	CA	San Jose – Slogan to “Country Gold 1590.”
1640	KZLS	OK	Enid – Networks to SRN/P/CMP/RER.
1690	WPTX	MD	Lexington Park – Format to NOS (ex-NWS/TLK); slogan to “America’s Best Music,” networks to C/WW1. (KK)

**New Groups**

// Ideas 930 – WLBL-930, W265DC-100.9, W256CZ-99.1

// News Talk & More – WJBX-770, W282BY-104.3, W268AH-101.5

// The Game – WICK-1400, WCDL-1440, W294BJ-106.7

**Additions to Groups**

// Faith Radio Adds – W262CC-100.3 //WFRF-1070 (FCC)

// The Sports Animal – Adds K256CP-99.1 // KPGM-1500 (FCC)

**Deleted Groups**

// Fairfield County Public Radio

// FM 98.9 Real Country

Thanks to Shawn Axelrod, Bill Hale, FCC Database (FCC), Kraig Krist (KK), and Marc DeLorenzo (MD).

## 2016 DXers Gathering

DXers in AM, FM, and TV, including the NRC, IRCA, WTFDA, and DecaloMania will gather on September 9-11, 2016 in Kansas City, MO. Plan to arrive on Thursday for 3 nights, and we end Sunday at noon.

The Gathering will be held at the Hyatt Place Kansas City Airport, 7600 NW 97th Terrace. To reserve your hotel room, call 1-816-891-0871 x3 and ask for the Group Rate for the National Radio Club, group code G-NRCC. The deadline for hotel reservations is August 18. Rates are \$99.00 per night for 1 to 3 persons per room, plus taxes and fees. Free airport transfers and breakfast each morning.

Registration: \$55 per person which includes a free Friday evening pizza party and Saturday evening banquet. Checks made payable to "National Radio Club" and sent to Ernest J. Wesolowski, 13312 Westwood Lane, Omaha, NE 68144-3543. Please mention which club(s) you belong to for club treasury info. Dale Hamm W5LN and Ernie are your hosts.



On Friday, we'll start with free breakfast in the hotel lobby at 8:30, then off to tours at 9 a.m., starting with WDAF-TV-4. The afternoons will include a tour of the Truman Presidential Library, and there will be a pizza party in the evening.

Saturday morning we'll have some "tech talks" – Mark Durenberger "Square Kilometer Array," Randy Schulze "Nebraska FCC Monitoring Station Grand Island," Nick Hall-Patch "Antenna Alternatives," Dave Fischer/Skip Dabelstein "Beverages & NEBe," and Mike Lantz "Miami Radio" are scheduled at the moment. A group of radio music survey collectors will be joining us to make a presentation in the meeting room on Saturday afternoons.

Saturday night will be the banquet – the menu includes Italian roast beef, chicken marsala, classic twice-baked potatoes, green beans Caesar, peach cobbler, dinner rolls, garden salad, and bottled waters & sodas. This will be followed by the NRC business meeting and the usual auction. On Sunday morning we have the Gathering Quiz, and the Gathering ends at noon.



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All your printing needs – including SWL and Amateur QSL Cards

# Domestic DX Digest – West

Jim Tedford, Editor

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Loggings of U.S. and Canadian stations by DXers located in the Central, Mountain, and Pacific Time Zones. All times are Eastern Local Time (ELT).

## REPORTERS

- GH-OK** **Glenn Hauser, Enid, OK.** Mostly DX-398 with internal antenna only; NRD-545 with ALA-330S E-W inside or N-S random wire; IC-R75 with E-W longwire; also available, PL-880 with internal or random wire; FRG-7 with NW/SE short wire; Nissan stock car radio when specified. Glenn's complete reports, with extensive commentary, are originally published in DX Listening Digest.  
<http://www.worldofradio.com/dxldmid.html>
- NJ-AZ** **Nancy Johnson, Mesa, AZ.** Drake R8B, 75' N-S longwire

## DX LOGS

- 570 KWML NM Las Cruces** – 5/30 0141 – Dominant signal is from WSW/ENE, definitely not SSE/NNW which would be KLIF Dallas --- hardly anything from there. It's on Fox Sports Radio, and would you believe they are running about 5 minutes straight of FSR promos? Geez, how can anyone listen to that, especially by their super-hype staff announcer, oozing with insincerity? FSR is the latest known format of KWML. Perhaps a pipeline from KWML as it did fade down and out for a while, if not 5 kW day by accident. At 0204 again audible with more FSR. **(GH-OK)**
- 690 KGGF KS Coffeyville** – 5/30 0152 – Fox Sports Radio, same as already hearing on KWML-570. At 0156 breaks for Fox "news" minute capsule, then a bunch of national PSAs since no advertising has been sold. As 0200 UT approaches, I'm switching back and forth with 570, but just dead air here where the ID should have been plugged in. And back to more FSR. From the outset I've been sure this is KGGF Coffeyville KS, due to strength and bearing, like we get before local midnight, its normal sign-off time with a patriotic song and Taps, 0100v (though part of the time they leave unmodulated carrier on into the night, or all night?). 5/31 0058 – Open carrier dead air already from KGGF; no ToH ID, 0100 into Fox Sports Radio, like I was still hearing last night an hour later, also anonymously, contrary to website schedule, and previous practice of closing programming if not turning off transmitter, at local midnight = 0100. Has definitely revamped programming, besides extending past local midnight, presumably connected with the purchase by sports-maniac KWON+ Bartlesville OK cluster. **(GH-OK)**
- 690 WQNO LA New Orleans** 6/6 0059 – I'm exploring what else is on frequency with KGGF nulled, i.e. favoring N/S. There's an EWTN mention, and before 0100 "New Orleans," so it must be WQNO, which is an EWTN outlet. Also mixing with other U.S. stations and at least two Mexicans. WQNO night pattern is tight E/W so not much signal should be reaching here to the NW. **(GH-OK)**
- 780 KSPI OK Stillwater** – 6/9 0733 – Open carrier/dead air from KSPI Stillwater. In June & July, official sunrise for this 250-watt daytimer is 0715, but programming doesn't start until 0800 with local talk show. **(GH-OK)**
- 880 KJOZ TX Conroe** – 6/19 0036 – Spanish sermon backed by ranchera music, loops N/S on the PL-880, and fades from dominant to out; 0104 apparent live female DJ praiser, ID in passing as R. Aleluya on 88.1, but on 880 this is really KJOZ Conroe TX. So it's non-commercial? **(GH-OK)**
- 1200 KPSF CA Cathedral City** – 5/19 0858 – Local ad, TOH ID "Radio 1200 is KPSF Cathedral City" into Bloomberg program. Very strong, alone on the frequency. New. **(NJ-AZ)**
- 1300 KAZN CA Pasadena** – 6/8 0900 – Very poor with ID "This is KAZN Pasadena and 16-hundred KAHZ Pomona," into woman talking in an Oriental language. New log. With KCMY now silent I was hoping to hear a new station. **(NJ-AZ)**
- 1320 KAWC AZ Yuma** – 6/22 0819 – New age style music, finally an ID 0831 "From Arizona Western College Yuma, this is Undercurrents on KAWC." Under/over usually

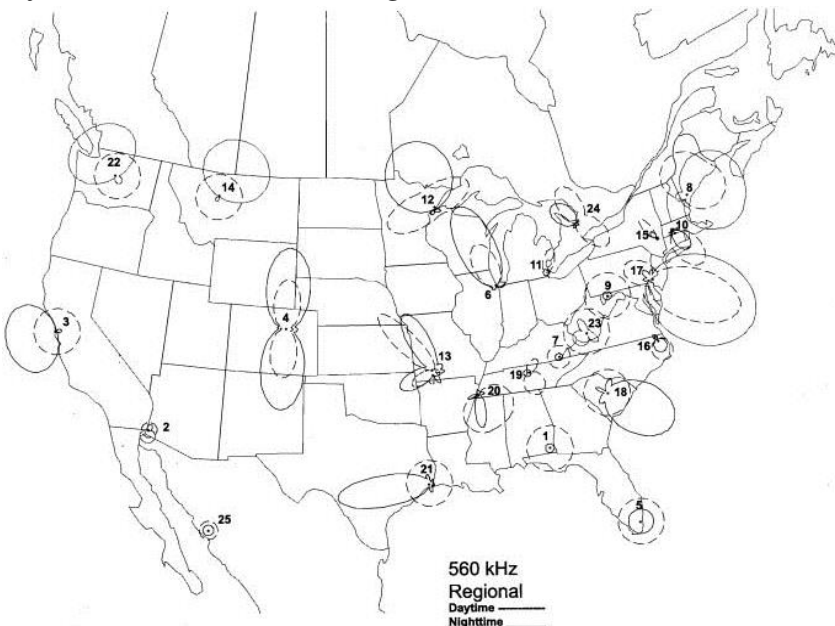
dominant KFNZ. I had been trying to hear this one for a while, so a new log for me. (NJ-AZ)

- 1370 KGNO KS Dodge City** – 6/4 1525 – I’m trying to hear KGNO Dodge City KS, since I am much closer to it than usual, visiting Alva OK for the Nescatunga Arts Festival. On car radio, first try just east of Alva finds some C&W music JBA, far weaker than it should be for 5 kW ND at 161 km or 100 miles. At 1550, I’m slightly further but at a no-noise location in the Great Salt Plains NWR on the way to Artesian water fill-up and hear a PSA and Johnny Cash tune; very poor level but 1559 UT clear ID as “1370 KGNO, THE classic country for southwest Kansas.” (GH-OK)
- 1380 KRCM TX Shenandoah** – 6/23 0128 – First on a non-DX radio I noticed praise music in Spanish on 1380, obviously KRCM, R. Aleluya, still throwing its 22 kW day power toward us at night, as always – but no need to avoid splash from local 1390 KCRC --- that’s because KCRC is off! And along with 1390, the nasty spurs perpetually putting hets on 1420 and 1360. Very unusual for KCRC. By 0755 recheck, KCRC is finally back, blasting ESPN. (GH-OK)
- 1390 KLTX CA Long Beach** – 5/18 0957 – Song in Spanish ended, then “KLTX Long Beach, Los Angeles” and “Radio Nueva Vida” slogan. (NJ-AZ)
- 1480 KBXD TX Dallas** – 6/9 0743–0746+ – KBXD is \*still\* stunting with classic country segués, making ~208/minute SAH = 3.47 Hz with KQAM Wichita KS talker. (GH-OK)
- 1520 KYND TX Cypress** – 6/16 0750 – Colliding with talker KOKC OKC and making a slow SAH of 22/minute = 0.37 Hz, plugging its website <http://kyndradio.com> and then some music. Fading out by 0753. After playing nothing but music fill for months following the departure of the Chinese communists; it appears KYND have developed a schedule mixing music, talk, sports. To see the schedule you have to watch alternating displays, including this one at the time I was listening: “*Showbiz and Company*, M-F 6-9 am”. Lema: “Great conversations and exciting programming. Your KYND of Talk, Your KYND of Music we are YOUR KYND of Radio. The Powerful 1520.” (GH-OK)

Thanks to everyone. See you next time. (JDT-WA)

## NRC Antenna Pattern Book, 7th Edition

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



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

Price/ordering info: To the United States, \$26.95 for members, \$32.95 for non-members (Priority Mail). To Canada \$36.25; airmail outside of U.S. and Canada \$41.75. For those

outside the U.S., use PayPal or a postal money order in U.S. funds only. Order from NRC, P.O. Box 473251, Aurora CO 80047-3251 or [www.nrcdxas.org](http://www.nrcdxas.org). Colorado residents, please add 3.5% sales tax.

## Unreported Domestic Stations

We have one report of a station in this issue – WLLY-1350 – that had not been reported to DDXD since at least Volume 67 (1999-2000) This leaves 441 active stations in the United States and Canada on the unreported list. The most recent full list was printed in Issue 82-20.



# Domestic DX Digest – East

Mike Brooker, Editor

99 Wychrest Avenue, Toronto ON M6G 3X8 (Canada), [patria1818@yahoo.com](mailto:patria1818@yahoo.com)

Loggings of U.S. and Canadian stations by DXers located in the Eastern and Atlantic Time Zones.  
All times are Eastern Local Time (ELT).

## REPORTERS

- BC-NH** **Bruce Conti, Nashua** – Excalibur SDR, MWDX-5, terminated 50 x 60-ft SuperLoop 60° northeast, variable termination 50 x 75-ft SuperLoop 180° south.
- HJH-PA** **Harry Hayes, Wilkes-Barre** – C. Crane Skywave, Q-Stick Plus ferrite rod
- KK-VA** **Kraig Krist, Manassas** – Winradio G33DDC SDR, Wellbrook ALA-1530S+ Imperium Loop
- TLK-FL** **Terry Krueger, Clearwater** – NRD-535, IC-R75, roof dipole, active loop
- PS-ON** **Paul Snider, Welland** – ICOM R75, Pixel RF Pro-1B loop, MFJ-1020C tuner
- JW-PA** **Jim Weber, Lancaster** – Sony ICF-6500W
- MKB-QC** **Mike Brooker, Montreal** – C Crane CC Skywave
- MKB-ON** **Mike Brooker, Toronto** – Grundig G5, Grundig YB-400PE, Sony SRF-39FP, C Crane CC Skywave, Panasonic RF-2200 (receiver emeritus)

Follow me on Twitter! [@patria1818](https://twitter.com/patria1818) DX-related tweets will be hash-tagged #MWDX.

Friend me on Facebook! [www.facebook.com/keval.mike](https://www.facebook.com/keval.mike)

## UNID

- 1230 unID** -- 6/4 0200 – Briefly atop; "Kiss Country 96.5... Iowa," and country music. Maybe the Cody Alan show on iHeart radio via the WRWD FM simulcast on WHUC. KKSU *Kiss Country*, Cedar Rapids, Iowa, is also an iHeart station. **(BC-NH)**
- 1300 unID** -- 6/5 0600 – Two stations – one with Fox News, the other with CBS News – but impossible to differentiate which. One airing old time gospel after the news, preacher by 0618, one ad for a restaurant with, "old fashioned, home-cooked comfort food." The other, almost certainly WFFG, Marathon, FL, with sports unidentified net programming, interviewing a female race car driver, network ads such as Home Depot, weather ("heavy rains tomorrow, high today 92... upper 80's tomorrow"). Both bearings N/S, and local WQBN mostly nulled. **(TLK-FL)**
- 1490 unID** -- 6/19 0600 – Male with "News Talk 14-90 and 105 point ---, W---" into CBS News. **(TLK-FL)**

## TIS/HAR

- 1610 WPFJ882** **MD Ocean City** – 5/27 2058 – In CHHA/UNID other Spanish mix with male "...Maryland State Highway Administration highway advisory radio with traffic conditions... this station will provide you with...traffic information... motorists with cellular phones... #77... happening directly to the Maryland State Police...thanks for your cooperation from station WPFJ882..." **(KK-VA)**
- 1620 unID** -- 5/27 1925 – Mixing with talk, more talk and R. Rebelde (Cuba), female with weather forecast for the Baltimore area. **(KK-VA)**

## ON AGAIN, OFF AGAIN

- 1590 WRXB FL** **St. Pete Beach** – 5/28 0930 – On, but only this day? Heard while passing close to the transmitter (located on 38th Ave. S.) while heading south on I-275 just before the Sunshine Skyway Bridge. Urban Contemporary vocals, strong. Not heard subsequent days back at the house. **(TLK-FL)**

## LOGGINGS

- 600 WSJS NC** **Winston-Salem** – 6/14 2059 – In WCAO mix along with UNID CBS Sports and Spanish stations, male "6 hundred WSJS and online at wsjs.com" ID. **(KK-VA)**
- 620 WSNR NJ** **Jersey City** – 6/14 2200 – In multi-station mix with male ToH ID: "This is AM 6-20 WSNR Jersey City." **(KK-VA)**

- WGCV SC **Cayce** – 6/14 2147 – In multi-station mix (WSNR, WVMT, UNID talk and Spanish from Cuba) with station promo: "WGCV is Firefly baseball on 6-20 AM 95.3 and 105.1 FM." **(KK-VA)**
- WVMT VT **Burlington** – 6/14 2204 – In multi-station mix with ID during Yankees game: "You're listening to New York Yankees baseball on 6-20 AM WVMT." **(KK-VA)**
- 630 WEJL PA **Scranton** – 6/14 2016 – In WMAL mix (for the most part frequency is dominated by WMAL), brief pause in WMAL audio and noted station with ESPN programming. Male "... weekday mornings on... talk... 96.1, 100.1 and 100.5 FM." At 2030, WMAL surprisingly completely off and heard promo for "Your home for Russillo and Kanell weekday afternoons 1 to 4 on North East PA's ESPN." Nice surprise. First time heard. **(KK-VA)**
- 640 WMEN FL **Royal Palm Beach** – 6/11 0556 – ID at end of public affairs program via the Florida News Network on a Sunday. Cuban Progreso co-channel. **(TLK-FL)**
- 660 WXQW AL **Fairhope** – 6/12 0550 – Urban Gospel, male canned ID at 0559 and mention of another frequency, back to Urban Gospel, live ID by man at 0605. NRC AM Log shows as UC Gospel, website shows it's now News-Talk, but obviously not Sunday mornings. Presumed // sister station 900 WGOK this hour. Trouncing Rebelde, so must wonder if they were on day power of 10000 watts already vs. 850 watts night. **(TLK-FL)**
- 810 WRSO FL **Orlovista** – 6/2 0611 – Presumably day power/pattern just up, very good with Brazilian Portuguese female, tropical vocal, "Brasil Radio Orlando" slogan, then man and woman bantering in Portu-glish. **(TLK-FL)**
- 850 WAXB CT **Ridgefield** – 6/16 0500 – Under local WEEI Boston; promo/ID, "The all new B 107-3... and online at B 1073 dot com." **(BC-NH)**
- 920 WNJE NJ **Trenton** – 6/9 0200 – Under WHJJ; "The Jersey, broadcasting from the Princeton Orthopedic (studios)... WNJE Trenton-Philadelphia" into Fox sports. New log. **(BC-NH)**
- 940 WINZ FL **Miami** – 5/29 2300 – Fair; "940 Winz, Miami sports, WINZ Miami-Fort Lauderdale... 940 Winz, an iHeart radio station," and Fox sports. **(BC-NH)**
- WNRG VA **Grundy** – 6/9 0101 – Fair; "You'll find NASCAR and all of your favorite country songs of all time here on Classic Country 100.7 WMJD Grundy," and ABC news. 6/11 0101 – Fair; "The best country music of all time is right here on Classic Country 100.7 WMJD Grundy, your brand of country." Also noted 6/19 0201 – Good; "Weather, news, and classic country, a great combination here on Classic Country 100.7 WMJD Grundy," and ABC news. **(BC-NH)**
- +++ – 6/9 0134 – No longer silent and is relaying C&W from 100.7 WMJD. "Let Me Be There" by Olivia Newton John, "Your Kind of Country 100.7 WMJD, Classic Country" ID, "Fancy Free" by The Oakridge Boys, ID at 0140 "100.7 WMJD," "Who's That Man" by Toby Keith, "Little Rock" by Reba McEntire. Fair to poor on its own, and clear as a bell. **(PS-ON)** *Note format change, ex-gospel. Mike*
- 970 WWRK SC **Florence** – 6/9 0501 – Good; urban contemporary music, "104.5 W283AB, this is it, Swagga Radio, 94.1 WRZE Kingstree, W290CD 105.9 Broadway, 97.9 W250BJ Florence, 970 WWRK AM Florence, Swagga Radio is the real meaning of hip-hop." **(BC-NH)**
- 1060 WQOM MA **Natick** – 6/4 0625 – Presumed over KYW with "Station of the Cross" slogan, EWTN Catholic programs. **(MKB-QC)**
- 1070 WFLI TN **Lookout Mountain** – 6/12 0010 – Gospel music, ID AT 0012 as "The Word...1070 WFLI," then lost to CHOK. Very poor, but audible during CHOK fades. **(PS-ON)**
- 1130 WLBA GA **Gainesville** – 6/9 0035 – On after sunset with Spanish language Mexican style music, brief Spanish announcements between songs (no clear ID), "La Mejor" jingle at 0055, ID at 0101 in SS: "...Atlanta...WLBA..." Poor and readable under WBBR (sometimes over as well) to very poor, WDFN also making a brief appearance. **(PS-ON)**
- 1150 WNDB FL **Daytona Beach** – 6/4 0553 – Coast to Coast AM, local ads, including NSBFLA.com, "... on FM 93-5 and AM 11-50 WNDB, Daytona Beach" into Fox News. **(TLK-FL)**
- 1160 WPIE NY **Trumansburg** – 6/23 0500 – Under WVNJ; "ESPN Ithaca 1160, and now at 107.1 FM, WPIE Trumansburg-Ithaca-Watkins Glen." **(BC-NH)**
- 1200 WKST PA **New Castle** – 6/6 2320 – Ads, ID at 2321 "...on 1200 WKST," into Jim Bohannon show. Poor to very poor, mixing with usual CFGO and WXKS. **(PS-ON)**

- 1230 WCRO PA **Johnstown** – 6/6 0504 – Presumed, in pretty well with western Pennsylvania weather but no IDs. **(JW-PA)**
- 1260 WPHB PA **Philipsburg** – 6/15 0500 – Partial ID including mention of Philipsburg, country music. Fighting presumed WSDZ Belleville, IL (with “The Answer” slogan) during this period. **(JW-PA)** WWRC Washington, DC also uses “The Answer” slogan. Mike
- 1270 WCBC MD **Cumberland** – 6/16 0405 – Decent ID for “WCBC News Radio.” **(JW-PA)**  
 WLBR PA **Lebanon** – 6/7 0615 – Over dueling sports talkers WXYT and WHLD with “it’s 6:15 and time for WLBR sports...” into local sports, leading off with Hershey Bears in AHL Calder Cup finals. **(MKB-ON)**
- 1290 WWTX DE **Wilmington** – 6/23 0500 – Fair; “The new Fox Sports 1290 AM dot com.” **(BC-NH)**
- 1310 WDTW MI **Dearborn** – 6/6 0045 – Spanish language music by such bands as Prince Royce and Los Invasores De Nuevo Leon, “La Mega” slogan at 0059, more music, ID at 0103: “This is WDTW, Dearborn...La Mega Detroit.” Poor to very poor with CIWW (usually dominant) nulled. **(PS-ON)**
- 1340 WIRY NY **Plattsburgh** – 5/29 2336 – Heard signs of country music, clear “WIRY” ID at 2338, more music and another clear ID at 2343. Very poor with unknown oldies station. No sign of usual WLVL Lockport, NY. **(PS-ON)**
- 1350 WLLY NC **Wilson** – 6/21 2205 – Continuous gospel music with a brief silence between songs, ID at 2244: “WLLY Wilson, North Carolina 1350 AM...we love to...” into more music. Very poor, mostly under WOYK or WARF. **(PS-ON)**
- 1400 WMAN OH **Mansfield** – 6/16 2332 – In a mix of stations, heard the end of a promo and ID “...on WMAN” at 2334, also heard a mention of 98.3 FM. Very poor, mixing with possible WWWS-Buffalo and others. **(PS-ON)**  
 WJET PA **Erie** – 6/5 0017 – Heard “News Talk...WJET” ID at 0017, into Coast to Coast AM (Best of). Very poor in multi-station mix including WHGB and unknown Fox Sports station. **(PS-ON)**  
 WHGB PA **Harrisburg** – 6/5 0050 – Apparently WHGB has changed their format from C&W to oldies or adult contemporary. 717helpwanted.com ad, James Ingram with “There’s No Easy Way,” “Laughter in the Rain” by Neil Sedaka, “The home of...WHGB Harrisburg” ToH ID. Very poor, mixing with unknown Fox Sports station and WJET. **(PS-ON)**
- 1420 WACK NY **Newark** – 6/21 0608 – Over CHKT-1430 slop with local weather, “Hometown Radio 1420 WACK” ID into local “Hometown sports.” **(MKB-ON)**
- 1450 WPGG NJ **Atlantic City** – 5/30 0000 – Poor; ID, “WPG Talk Radio 104.1, WPGG Atlantic City, WSJO 104.9 HD2...” into Fox news. **(BC-NH)**  
 WCTC NJ **New Brunswick** – 6/13 0455 – Nice ID as “WCTC, the Voice of Central New Jersey” and announcement for Red Eye Radio. **(JW-PA)**  
 WKAL NY **Rome** – 6/8 2123 – Good signal for about a minute. “The News and Sports Authority in the Mohawk Valley” slogan. “Let’s go to the WKAL Weather Center.” **(HJH-PA)**  
 +++ - 5/30 0500 – In the jumble; “AM 1450 WKAL Rome-Utica.” **(BC-NH)**  
 +++ – 6/4 2335 – Mike Gallagher show (rerun of Memorial Day Show), mentions of New York, show promos with multiple WKAL IDs. Very poor in multi-station mix. **(PS-ON)**  
 WPSE PA **Erie** – 6/13 0700 – Over usual graveyard jumble with “Business radio WPSE Erie” ToH ID into Bloomberg news. **(MKB-ON)**  
 WQWK PA **State College** – 6/8 2200 – Ad for Penn State University. ID at ToH as “ESPN-1450” and “Pirates Radio Network” **(HJH-PA)**
- 1470 WWBG NC **Greensboro** – 5/30 0604 – Presumed over usual WNYN’s liberal talk with Spanish news or sports talk and Mexican national anthem sounding like it was sung by drunken fans at a fútbol match. **(MKB-ON)**  
 +++ – 5/28 2335 – In a mix of stations with Spanish talk, “Radio Adoracion...” slogan at 0001. Poor at times to very poor, with WPDM, WMBD and an unknown oldies station (maybe WLOA, Farrell PA?). **(PS-ON)**  
 WTOD OH **Toledo** – 5/29 2300 – Tuned in to catch ToH ID “1470 WTOD, Toledo,” then the signal faded into a mess of stations. Apparently changed their call sign March 11, 2016 from WLQR to WTOD after 1450 WTOD in Hartsville SC surrendered their license to the FCC. Very poor, mixing with WPDM, WMBD and WWBG. **(PS-ON)**

- 1490 WAFZ FL **Immokalee** – 6/19 0550 – Mexi-pops, male with canned "La Ley" slogan between each song. (TLK-FL)
- WOLF NY **Syracuse** – 6/2 2100 – ID as "This is Fox Sports Radio 1490 and 1300 W-O-L-F Syracuse." (HJH-PA)
- WRCE NY **Watkins Glen** – 6/16 2207 – While trying to ID WMGW, heard "WRCE" ID, into C&W. Very poor, mixing with WMGW and WMGW. (PS-ON)
- WESB PA **Bradford** – 6/1 2215 – Up briefly with ID and promo for "Pirates Baseball on WESB." (HJH-PA)
- WNTJ PA **Johnstown** – 6/13 2259 – Dave Ramsay promos, ToH ID "...1490 WNTJ...990 WLLI Somerset," news, Jim Bohannon show. Very poor in multi-station mix. (PS-ON)
- WMGW PA **Meadville** – 6/16 2158 – Pittsburgh Pirates vs. NY Mets, promo for Pirates convention, ads for Indiana Regional Medical Center and for business with 814 area code, adoption PSA, "Allegheny Talk Network" slogan. Very poor, mixing with WRCE and others. (PS-ON)
- 1570 WMVX MA **Methuen** – 6/11 0200 – Fair; "WMVX 1570 AM, Nossa Rádio, Methuen-Boston," with Nossa Rádio jingle, transmitting from the 800 WNNW site since February, ex-WMVX Beverly. (BC-NH)
- WWCK MI **Flint** – 6/15 2315 – Took almost two hours to get an ID on this one. John Batchelor Show, lots of ads between segments (Proactiv, Brightfocus.org, drunk driving, seat belts web.com etc), missed ID at 0000, finally heard ToH ID at 0100: "From Flint to the world...WWCK, Flint, a Cumulus station," into news. Poor to very poor in multi-station mix including WVTL and probably WVTL, WPGM and WQTW. (PS-ON)
- 1580 WHLY IN **South Bend** – 6/2 2305 – Possible Spanish language ads with mentions of Indiana, lively accordion music, multiple "La Raza" slogans at 2317. // TuneIn internet stream. Very poor in mix with CKDO, WGYM and hints of a CBS Sports station (WJFK?). (PS-ON)
- WGYM NJ **Hammonton** – 6/11 0200 – Under CKDO; "This is WFJS 1260 AM Trenton..." and EWTN. (BC-NH)
- CKDO ON **Oshawa** – 6/4 0635 – Over Laval-1570 slop with promo for CKDO Fan Club into "Take it easy" by the Eagles. (MKB-QC)
- 1590 WAUB NY **Auburn** – 6/12 0129 – News, two IDs heard as "The Finger Lakes News Network" at 0131. Very poor under WAKR. (PS-ON)
- 1600 WAOS GA **Austell** – 6/10 0005 – Ads/promos in Spanish (maybe a concert promo), "La Mejor" slogan at 0007, "Have You Ever Seen The Rain" in SS by Juan Gabriel, promos with mentions of Radio Punto(?), more ads, "WOAS" ID at 0015 by female, Wells Fargo ad. Poor to very poor in multi station mix including WAAM, WWRL and another Spanish station (WHOL?). // Internet stream on TuneIn app. (PS-ON)
- WHNP MA **East Longmeadow** – 5/27 1933 – In multi-station mix (WLXE, WWRL, WPDC, UNID singing and baseball game) with station promo: "The John Bachelor show on 14 hundred AM and 96.9 FM WHNP news, information." (KK-VA)
- WHOL PA **Allentown** – 6/24 0500 – Fair; quick "WHOL Allentown" followed by "99.5 esta es mi estación" and "La Ola" jingle into Spanish morning religious program. (BC-NH)
- WPDC PA **Elizabethtown** – 5/27 2044 – In multi-station mix with station promo: "... in the car or at home. We're 16 hundred WPDC." (KK-VA)
- 1630 KKGM TX **Fort Worth** – 5/30 0604 – Excellent signal, out of IRN net news, male canned ID into "The Sweetest Song I Know" by The Goodman Revival and other Country Gospel vocals. (TLK-FL)
- 1660 WQLR MI **Kalamazoo** – 6/5 2037 – In WBCN/WWRU/WKWH (Chantilly, VA TIS) mix with promo for "Chicago Cubs baseball on 16-60." (KK-VA)
- 1690 WMLB GA **Avondale Estates** – 5/30 0556 – Great 1930s-sounding old Blues, back announced by DJ seemingly as "The Olive Baboon" which I can't seem to hit on Google search (song title, or artist?), into CBS News. (TLK-FL)
- CHTO ON **Toronto** – 6/11 0200 – Good; "You're listening to CHTO, AM 1690, Toronto, visit our website at www.am1690.ca." (BC-NH)

# International DX Digest

Bruce Conti, Editor

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Loggings of stations outside the U.S. and Canada. All times are Universal Coordinated Time (UTC).

## TRANS-ATLANTIC DX

- 1530 **SAO TOME E PRINCIPE** VOA Pinheira MAY 28 0258 – Under WCKY; a couple reps of the Yankee Doodle interval signal. JUN 7 0259 – Under WCKY; Yankee Doodle. [Conti-NH]  
 1566 **BENIN** TWR Parakou MAY 28 0400 – Poor; hints of African highlife-style music. Too much interference from 1570 WMVX Methuen to be readable. [Conti-NH]

## PAN-AMERICAN DX

- 540 **COLOMBIA** HJKA *R.Auténtica*, Bogotá JUN 3 0601 – *R.Auténtica* ID. [Connelly-MA]  
 550 **HONDURAS** ABC Radio, Tegucigalpa JUN 2 0949 – Mexi-tune, ABC Radio ID by man, time check, failed attempt to take caller, two more IDs and back to vocals. Slight *R.Rebelde* co-channel from 1002 UTC. [Krueger-FL]  
 550 **PUERTO RICO** WPAB Ponce MAY 26 0800 – "WPAB... Ponce... presenta Buenas Dias Puerto Rico"; over *R.Rebelde*, others. [Connelly-MA]  
 580 **PUERTO RICO** WKAQ San Juan MAY 26 0800 – ID's for WKAQ and affiliates; huge. [Connelly-MA]  
 600 **NICARAGUA** *La Nueva Radio Ya*, Managua JUN 2 1002 – "Noticiero Ya" headlines, "La Nueva Radio Ya... Ya, Ya, Ya" into Nicaraguan teams baseball scores, female Spanish soft vocal from 1004 UTC. [Krueger-FL]  
 610 **COLOMBIA** HJKL *La Cariñosa*, Bogotá MAY 29 0901 – Colombian country music, Cariñosa ID; over *R.Rebelde*. [Connelly-MA]  
 630 **PUERTO RICO** WUNO San Juan MAY 26 0400 – "NotiUno Seis Treinta" ID and affiliates list; over WPRO and *R.Progreso*. [Connelly-MA]  
 640 **VENEZUELA** YVQO *Unión Radio*, Puerto La Cruz MAY 26 0400 – Venezuelan anthem; under Progreso Cuban. [Connelly-MA]  
 650 **COLOMBIA** HJKH, RCN *Antena Dos*, Bogotá MAY 13 0259 – "Antena Dos, Bogotá" ID. [Connelly-MA]  
 650 **CUBA** *R.Rebelde*, Santiago de Cuba-Santa María MAY 26 0800 – 9-note Rebelde sounder; dominant. [Connelly-MA]  
 660 **MEXICO** XECPR *R.Chan Santa Cruz*, Felipe Carrillo Puerto, Q.Roo JUN 12 1015 – Happened to be sitting on the channel when the station came up with the stock choral Mexican anthem followed by an instrumental version of the Quintana Roo state anthem, soft Spanish vocal, female ID at 1024. First log since December 27, 2015, then with a vocal version of the QR anthem after the national, and at almost the same sign-on time then, which was also a local Sunday. No other Mexicans audible this day on 660 kHz. The town is landlocked, not with port access, so what's with the name? Per Wiki, Felipe Carrillo Puerto (8 November 1874 – 3 January 1924) was a Mexican journalist, politician and revolutionary who became known for his efforts at reconciliation between the Yucatec Maya and the Mexican government after the Caste War. He was governor of the Mexican state of Yucatán from 1922 to 1924. [Krueger-FL]  
 660 **MEXICO** XEDTL *R.Ciudadana*, México, DF JUN 11 1024 – Mexi-tunes with male canned "Radio Ciudadana" between each. Very good, and no other Mexicans audible on 660 this day. [Krueger-FL]  
 670 **VENEZUELA** YVLL *R.Rumbos*, Caracas MAY 13 0700 – *R.Rumbos* ID's at 0700:30; mixed with Cuba. [Connelly-MA]  
 700 **COLOMBIA** HJCX, W Radio, Cali MAY 13 0300 – W Radio ID, Johnny Walker advert. [Connelly-MA]  
 730 **COLOMBIA** HJCU *Cadena Melodia*, Bogotá MAY 13 0301 – Melodia ID in jumble with *R.Progreso*, others. [Connelly-MA]  
 750 **VENEZUELA** YVKS, RCR, Caracas MAY 17 2258 – Spanish talk with various Radio Caracas mentions, possible top of the hour ID, into possible news read by female announcer, promos and ads. Good to very poor with WSB nulled and mixing with possibly WARD. [Snider-ON] MAY 26 0359 – RCR 750 ID's and fanfare music; dominant. [Connelly-MA]  
 760 **COLOMBIA** HJAJ, RCN, Barranquilla MAY 13 0300 – RCN ID, pips about 40 sec. late; over WORA, others. [Connelly-MA]

- 760 **CUBA** *R.Progreso*, Guane//Mayarí Arriba MAY 29 0900 – Vocal parallel 640; mixed with HJAJ. [Connelly-MA]
- 760 **PUERTO RICO** WORA Mayagüez MAY 13 0701 – NotiUno affiliates list; in jumble. [Connelly-MA]
- 770 **COLOMBIA** HJXX, RCN, Bogotá MAY 13 0300 – RCN 5+1 pips at 0300:39 parallel 760; under WABC. [Connelly-MA]
- 770 **CUBA** *R.Artemisa*, Artemisa JUN 2 1822 – Mid-afternoon, good with Cuban vocals, female announcer, parallel weak 1000 and 1020 kHz. Confirming bearing to Artemisa, while pointing the loop more eastward brings in *R.Rebelde*, maybe Las Tunas, with baseball coverage, paralleled with 1180 and 5025 to confirm it's not WJBX *ESPN Deportiva*, North Ft. Myers. [Krueger-FL]
- 810 **BAHAMAS** ZNS3 Freeport MAY 29 0900 – Bahamas Prayer Time program; over wobbly Cuban. [Connelly-MA]
- 810 **CUBA** *R.Progreso*, Guantánamo-Burene MAY 26 0800 – *R.Progreso* ID parallel 640, seriously wobbling; mixed with Bahamas. [Connelly-MA]
- 820.183 **COLOMBIA** HJAD *R.Vigía*, Cartagena JUN 12 0400 – Het against 820.004 WNYC, occasional Spanish audio. Reported by Bill Whitacre while DX'peditioning on the coast of Virginia a week earlier. [Conti-NH]
- 910 **VENEZUELA** YVRQ Caracas MAY 29 0600 – Typical doorbells; over others. [Connelly-MA]
- 940 **COLOMBIA** HJGB *R.Calima*, Cali JUN 3 0558 – *R.Calima* ID. [Connelly-MA]
- 940 **PUERTO RICO** WIPR *Máxima 940*, San Juan MAY 13 0300 – WIPR ID; good. JUN 3 0300 – San Juan adverts; dominant. [Connelly-MA]
- 990 **CUBA** *R.Guamá*, Pinar del Río MAY 29 0400 – Guamá ID by woman, Cuban anthem; dominant. [Connelly-MA]
- 1000 **COLOMBIA** HJAJ, RCN, Cartagena MAY 29 0600 – RCN net ID, news by man in Spanish; over Cuban wobbler and bad IBOC hash. [Connelly-MA]
- 1039.62 **VENEZUELA** YVLB *La Voz de Carabobo*, Valencia MAY 26 0400 – Venezuelan anthem; to fair peak on LSB. [Connelly-MA]
- 1060 **CUBA** *Radio 26*, Jovellanos MAY 26 0401 – Man, "Esta es Radio Veintiseis," in jumble. [Connelly-MA] JUN 5 0359 – Over/under KYW; piano theme music into hourly time marker (a minute early) and choral national anthem. [Conti-NH]
- 1080 **CUBA** *R.Surco*, unknown location JUN 23 0500 – Under WTIC; soft vocal with flute parallel 1140 kHz. [Conti-NH]
- 1100 **COLOMBIA** HJAT *Caracol Radio*, Barranquilla MAY 26 0401 – "En CARACOL Radio"; atop dogpile. [Connelly-MA]
- 1110 **CUBA** *R.Angulo*, Holguín MAY 29 0400 – Angulo ID, "Onda Cero" program parallel 740; mixed with WBT. [Connelly-MA]
- 1129.6 unID MAY 26 0400 – Weak growl against WBBR. [Connelly-MA]
- 1140 **CUBA** *R.Cadena Agramonte*, Camagüey-Isábel Hortensia JUN 23 0900 – Over WQBA, *R.Surco*, and *R.Rebelde*; ascending 4-note time marker and canned ID parallel 910 kHz. [Conti-NH]
- 1140 **CUBA** *R.Rebelde*, Aguada//Caribe//Circunvalación//Guantánamo-La Piña MAY 13 0702 – Sped-up 9-note sounder; in jumble. [Connelly-MA]
- 1140 **CUBA** *R.Surco*, Morón MAY 26 0401 – Man "Estimados oyentes, Radio Surco, cadena provincial..." then clobbered by Rebelde station with Cuban anthem. [Connelly-MA] JUN 5 0400 – Good; choral national anthem, then canned hourly ID, "Transmite CMIP Radio Surco, desde Ciego de Avila, capital de la locución cubana." At 0900 fair; canned ID and time check, "Radio Surco... cinco en punto." [Conti-NH]
- 1150 **CUBA** *R.Bayamo*, Bueycito JUN 4 0953 – Traditional Cuban folk vocals, male ID 0956, some WNDB co-channel, with WTMP nulled. No parallels located. [Krueger-FL] JUN 23 0400 – Under local WWDJ and unID Fox sports; choral national anthem followed by canned ID and doorbell chimes, parallel 1620 kHz. [Conti-NH]
- 1170 **COLOMBIA** HJNW *Caracol Radio*, Cartagena MAY 13 0700 – "Banco de Bogotá presenta Ultima Hora CARACOL"; mixed with WWVA. MAY 26 0400 – "CARACOL Radio Cartagena" ID, mixed with WWVA. [Connelly-MA]
- 1200 **CUBA** *R.Sancti Spiritus*, Yaguajay MAY 24 0400 – Cuban anthem through WXKS, on USB to dodge 1210 WPHT IBOC. [Connelly-MA]
- 1220 **CUBA** *R.Caribe*, La Fe JUN 23 0400 – Under WHKW; tropical flute music and choral national anthem. [Conti-NH]
- 1290 **VENEZUELA** YVLF *R.Puerto Cabello*, Puerto Cabello MAY 26 0400 – Venezuelan anthem through domestic jumble. [Connelly-MA]

- 1309.68 **COLOMBIA** HJAK *La Voz de la Patria Celestial*, Barranquilla JUN 23 0900 – Het against CIWW popped up suddenly; coinciding with listed 0900 sign-on and matching listed offset, measured 1309.679 kHz. [Conti-NH]
- 1530 **MEXICO** XEUR *Extasis Digital*, México, DF JUN 19 0942 – Digital sound effects and male "Extasis Digital" into "Eres" by Sonnus, then "Razones Pa' Vivir" by Jesús Adrián Romero. [Krueger-FL]
- 1540.5 **PERU** OCU2X *R.Turbomix*, Cajamarca MAY 28 0858 – Good het against 1539.999 KXEL Waterloo and 1539.984 CHIN Toronto. Measured 1540.500 kHz which is the offset for *R.Turbomix*. At 0901 heard a Spanish ballad with light guitar music rising out of the domestic splatter; [www.bamlog.com/turbomix.mp3](http://www.bamlog.com/turbomix.mp3) audio clip. The second Peru offset found in a week, with 1140.251 OCY4C *R.Programas* observed MAY 21 at this same time. [Conti-NH]
- 1540.6 unID JUN 19 0936 – Fairly strong het against ZNS1, no audio making it. Presume something Latin American, being this far off-channel. [Krueger-FL]
- 1550 **CUBA** *R.Rebelde*, multiple sites JUN 3 0600 – 9-note sounder; under WSDK. [Connelly-MA]  
JUN 12 0501 – Sounder under WITK. [Conti-NH]
- 1580 **COLOMBIA** HJQZ *R.María*, Barranquilla MAY 26 0359 – "En Barranquilla" mention; mixed with CKDO, others. [Connelly-MA]
- 1610 **ANGUILLA** *Caribbean Beacon*, The Valley MAY 26 0400 – Gene Scott preaching; over others. [Connelly-MA]
- 1620 **CUBA** *R.Bayamo*, Bayamo JUN 23 0300 – Loud doorbell chimes through echoing *R.Rebelde*. [Conti-NH]
- 1620 **CUBA** *R.Rebelde*, La Habana//Amancio//El Coco//Guantánamo-Antiguo JUN 6 0106 – Music is parallel 5025 but slightly out of sync, probably due to a satellite feed delay. 1620 soon fades and cedes to WTAW and/or KOZN. [Hauser-OK]

#### TRANS-PACIFIC DX

- 1512 unID MAY 30 0900 – Weak het against 1510 WMEX and WLAC. Measured 1512.006 kHz. [Conti-NH]
- 1539 unID MAY 28 0900 – Weak signal observed while working on 1540.5 Peru. Likely one of the two Australians; 2RF *Niche Radio*, Sydney, or 5TAB *Radio TAB*, Adelaide. Nashua sunrise 0912, Sydney sunset 0655, Adelaide sunset 0743 UTC. China, Philippines, and Thailand in daylight. [Conti-NH]

#### CONTRIBUTORS

Mark Connelly WA1ION, South Yarmouth MA; Microtelecom Perseus, cardioid pattern SuperLoop 10-m vert. by 11-m horiz. (peak 165°, null 345°).

Bruce Conti WPC1CAT, Nashua NH; WinRADiO Excalibur, MWDX-5 phasing unit, 15 x 18-m terminated SuperLoop 60° northeast, 15 x 23-m variable termination SuperLoop 180° south.

Glenn Hauser, Enid OK; NRD-545 with ALA-330S or north/south not very long wire, DX-398 or PL-880 with internal antenna only, sometimes FRG-7 with ~100-ft east/west longwire.

Terry L. Krueger, Clearwater FL; NRD-535, IC-R75, ICF-7600GR.

Paul Snider, Welland ON; ICOM R75, Pixel RF Pro-1B Loop, MFJ-1020C as tuner.

#### INTERNATIONAL NEWS

**BERMUDA:** Reports of BBC on 1160 kHz warranted further investigation regarding the status of 1160 BBC and 1280 BBN relays. Ed VP9GE reported on June 5, "I am listening to 1160 (BBC) right now. It is alive and well. Not sure for how long. 1280 is sponsored, I believe, by a local church group. No sign that it will cease in the near future. Bermuda Broadcasting Company AM stations have transitioned to FM." Further internet research located a news report about Bermuda Broadcasting Company plans to restore BBC broadcasts, but whether or not Bermuda Broadcasting or another organization has taken over 1160 kHz is unknown. The Bermuda Broadcasting website only lists FM. See "Bermuda Broadcasting partners with BBC UK" (Jan 12, 2016), <http://bernews.com/2016/01/bbc-world-service-news-partnership-bbc-uk/>. Bermuda Broadcasting has not responded to follow-up email inquiries. Defontes Broadcasting was reported to have ceased all broadcast operations in 2015 including 1160 BBC and 1280 BBN. [Conti]

73 and Good DX!

# DX Toolbox

Shawn Axelrod, Editor

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Greetings once again from the Heart of the Continent and welcome to the DX Tool Box Column number 82.

## The Way Back Machine:

Here is an interesting article on Foxhole radios.

<http://rageuniversity.com/PRISONESCAPE/RADIO%20AND%20TV/Foxhole%20Radios%20AND%20Crystal%20Radios.pdf>

There are not only stories about the radios themselves but diagrams on how to build your own foxhole radio, just as many armed forces personnel did in World War II. That is where the name came from. They were made using a razor blade wire a safety pin and a pencil. The hard part today might be finding a good razor blade like the ones used in the 1940's.

## Online Logbooks

Last time around I mentioned my online logbook. We now have this other logbook:

I read your comments about online logbooks in the latest edition of NRC DX News. I maintain separate domestic and international logbooks online...

International <http://www.bamlog.com/2010decadebook.htm>

Domestic <http://www.bamlog.com/domestic2012.htm>

Bruce Conti ;**BAMLog!** [www.bamlog.com](http://www.bamlog.com)

## Bits and Bites from the NRC listserv:

Allan Dunn started a very interesting conversation about the future of AM radio as it relates to digital radio. Read the varied comments below about what many club members feel about the subject. It is a real good mix of opinions and insights.

From: Allan Dunn

Re: NAB tests address digital AM concerns

(Allan sent in a link to an article in Radioworld about digital AM signals.

<http://www.radioworld.com/article/nab-tests-address-digital-am-concerns/278896>)

As I said to Bob Young in a private message, this is not about the IBOC we all hate. This is about an all digital AM (no analog), thus no sidebands into and across the adjacent channels. It discusses adjacent channel interference from an all-digital transmission. Also note the current IBOC receivers can receive and decode this narrower band transmission.

And in what universe will a station want to invest in that technology for a second channel that will create more interference on the band instead of less as a stop-gap until all go digital? No easy solution here. But technical investigations are under way.

From: Bob Young (Millbury, MA)

Re: NAB tests address digital AM concerns

I have just one question: When are they going to stop beating this dead horse?

This will go the way of IBOC: Nowhere. Gotta love their tenacity though.

I also don't think AM radio is going to go anywhere, it is going through changes yes, but I don't think it's going to die. Of course trying to change it to all digital is certainly not going to help it, IBOC just contributed to increased noise on the band and so would all digital especially at night.

From: Rick Lewis

Re: NAB tests address digital AM concerns

And in what universe will all currently licensed AM stations be willing to go HD, or for that matter, in what universe will listeners be willing to buy new radios to received AM HD stations that they don't listen to now?

From: Patrick Martin

Re: NAB tests address digital AM concerns

But who is going to listen? How many Americans are going to run out and spent \$100 or more on a digital receiver? Now if the radio has other forms of transmission, maybe? Add Sirius/XM as well as



streaming, it may be possible, but even then, who people use the IBOC/digital receiver? How many today even listen to AM Radio?

Many AM stations have been on lifeline for years. Without an FM supporting the AM, AM would be in worse shape now. AM may be around for while "if" the FCC doesn't try and pull something like they are doing to the TV Band. I figure if they will take away spectrum from TV, which makes more money, is AM any safer? The only think is that 530-1700 is not important to the FCC in selling it off. I doubt the cell phone business is much interested in a frequency that low.

From:Doug Smith W9WI (Pleasant View TN)

Re: NAB tests address digital AM concerns

One possible scenario is to establish a duopoly. Maybe iHeart buys AM 1300 here in Nashville, switches it to all-digital mode, and uses it to simulcast WLAC (with WLAC remaining in analog). Once there are enough digital receivers out there, swap the two -- running WLAC in all-digital mode & using AM 1300 to simulcast it in analog. Still doubt it makes economic sense, but it's not total commercial suicide.

I wouldn't worry about the spectrum auctions affecting AM. The MW spectrum has little or no value to anyone except broadcasters. I do think the AM service is on life support. I think there's a good chance that in the next five years or so, the FCC will allow those AM stations that have an FM translator to shut off their AM transmitters. At that point, I would expect 20% or so of AM stations to disappear in a few days. The financial issues at iHeart & Cumulus won't bode well for AM either. I'm 57. I think the AM service will outlive me, but I wouldn't doubt that half or more of AM stations will die before I do.

I keep seeing "localism" pushed as a way for radio to do better – but I don't think it's going to happen. Radio isn't the only business that's been affected by consolidation. The local gas station in Ashland City? It's one location of a 1,500-store chain out of Raleigh, North Carolina. The local grocery store? It's a Food Lion – 1,100 stores, also out of N.C. The local bank.. is out of Hopkinsville, Kentucky and has 25 locations. (which actually makes it tiny by banking standards...) The local drugstore? A Pennsylvania company with 4,500 locations. Clothing store? That's an Arkansas company with over 11,000 locations. (Yes, I mean Wal-Mart. There's nowhere else to buy clothes in Ashland City.) Point is, there are no local businesses anymore. OK, that's a bit of an exaggeration. There are local restaurants and auto mechanics and a consignment shop and a gift shop, something like that. But the large variety of prosperous local business that gave local radio its start no longer exists. We can't just roll back the clock on local radio, because we can't roll back the clock on the local economy.

From:Rick Dau (South Omaha, NE)

Re: NAB tests address digital AM concerns

Patrick, I still do. Most of the time, AM is ALL I ever listen to. I've been banging on the drum for the longest time, trying to get people in this hobby to stay optimistic about the future OF this hobby and about the future of AM radio in general, but it appears I'm fighting a losing battle.

From: Tim Davisson KD8GZ (Akron OH)

Re: NAB tests address digital AM concerns

What many radio DX'ers don't realize is, radio....AM and FM stations are experiencing declining advertising revenues due to events: the 2008 US recession many small businesses have never recovered from, and the explosion of consumers time spent on-line sites....and billions of ad dollars who continue to leave traditional media for the web.

While for sure interference is a big problem for AMs....shrinking ad dollars is by far radio's biggest long-term concern, IMHO. Research backs that up. FYI: I began my AM and shortwave hobby interests in the early 1960's, and spent over 40 years in the radio industry....the last 30+ in radio advertising sales.

From: Les Rayburn N1LF (Maylene AL)

Re: NAB tests address digital AM concerns

I generally agree with Doug on this. Though I think some thinning of the herd would be great for the band in general. There are simply too many stations, causing interference to each other—and competing for an ever small portion of the advertising revenue.

At 54, I expect the AM band to outlive me as well. Any ideas about a conversion to digital (hybrid or full conversion) are pipe dreams, and doomed to failure. At the time of its conversion to digital, television was indispensable and undergoing a consumer-demand driven move to High Definition. Converting to digital happened with a minimum of fuss, because the majority of viewers were already in the process of upgrading their TV sets to HD.

But there is no such demand for AM radio, or even FM for that matter. My kids who are in their late 20's listen to Pandora, Spotify, etc. in their cars, and rarely turn on the true "radio" anymore. Strangely enough, they refer to almost anything that generates music as "the radio" when in their cars. I recently made a road trip from Chattanooga to Birmingham with my nephew who is in his early 20's. We listened to a FM station as we left Chattanooga, and he was surprised when the reception began to fade. He didn't even realize that different towns had different stations. When I quizzed him about this, he remarked that both he and his parents had listened to Pandora in the car for quote "as long as I can remember." I think the AM band will undergo a lot of ownership and programming changes over the next decade. I look for iHeart and Cumulus to divest their holdings, and begin to sell off stations that are not profitable. These stations will likely sell quickly 2-3 times to multiple owners, before finally ending up in the hands of minority ownership—often serving ethnic communities, sometimes in foreign languages. We may also see a move back to more local programming, and away from satellite fed syndication. These stations simply won't be able to generate the audience numbers required to attract national advertisers, even at cut-rate prices. To survive, they'll need to serve their local communities more, and depend on higher rates from local businesses. High school sports of all kinds, not just football may become an even bigger part of AM radio than it is now. I was looking at some of the EKKO radio stamps last night (I have a small collection) and wondering if the Clear Channel stations shouldn't try to promote a "low-tech hobby" of listening to distant radio stations at night on social media sites like Pinterest. This could be a fun activity for families, especially on high-travel weekends like Memorial Day or Thanksgiving. It seems impossible, but many low tech products have made a comeback in recent years. Vinyl records, quilting, even stamp collecting has surged in popularity. Why not DX'ing? That has at least as much chance at success and growing their nighttime audiences as a conversation to digital does. It's a lot cheaper too.

I also agree that the decline of advertising revenue has made a greater impact on AM radio than interference. We're more attuned to the problems of EMI, because it affects us directly as DX'ers. But we live in an age where consumers tolerate a wide variety of experiences in terms of "quality."

The same audience who will seek out an Imax movie will happily endure cell phone videos on a spotty Wi-Fi connection. Content truly is king. I suspect that most of us who listen to AM radio do so for the content it provides. If that means we put up with some noise, we do so without worrying about it too much.

The key for radio to survive is to make it attractive to advertisers. Maybe the industry needs to reinvent the message it's sending to ad agencies—and help a new generation of advertising professionals recognize the value of the older technology. I work daily with young people in advertising who know little or nothing about the medium, and rarely consider it in their marketing plans. They're often shocked when someone takes the time to point out how high the listenership is, especially with some demographics.

Personally, I hope AM radio continues for a long time to come. If I couldn't hear a baseball game being called in some far away city on a summer's night, with lightning crackling in the ether, I don't think it would seem like summer.

Things will have to change a lot if we get back to a lot of local programming as few stations are really local these days. Too many stations back to back satellite programming. The station owners claim they satellite programming as it is much less expensive and they do not have to hire air talent. That has not changed. However with less station on the air, maybe the surviving stations will have more luck with ad money. Like with everything, there is too much choice. Like as a Locksmith, the Yellow Pages in the local phone book was the answer. Now, there may be 3-4 phone books in an area, plus you have to be on Google and other search engines. The cost to the business to much higher than it used to be

73 for this time Shawn

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

# Pro Sports Networks

Barry Finkel, Editor

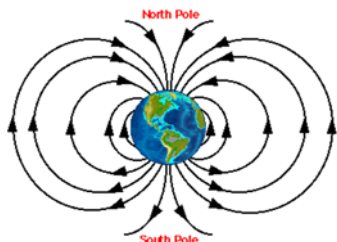
10314 S. Oakley, Chicago IL 60643-2409, [bsfinkel@att.net](mailto:bsfinkel@att.net)

Here is one MLB update from Jon Ohman that I missed when he first sent it.

For the Boston Red Sox:

Add announcer Tim Neverett. There are two Spanish Language stations: 1110 WCCM-NH (day games) and 1490 WCEC-MA (night games).

The announcer is Un Berenguer. Also, delete 830 WCRN-MA from the network list; Jon reports that this station has not broadcast a Red Sox game since 2013. I have no idea why the station is still listed on the WEEI web site.



## Geomagnetic Indices

Geomagnetic Summary May 2016

Via Phil Bytheway – Tabulated from email status daily (K = 0000 UTC).

Date	Flux	A	K	Space Weather	16	102	13	2	no storms
5/1		92	16	4 no storms	17	103	13	3	no storms
2	90	31	5	moderate, G2	18	102	8	1	no storms
3	90	10	2	minor, G1	19	99	8	1	no storms
4	90	5	1	no storms	20	100	6	2	no storms
5	87	8	2	no storms	21	98	15	1	minor, G1
6	90	15	3	minor, G1	22	97	7	0	no storms
7	88	10	3	no storms	23	97	4	1	no storms
8	84	<b>70</b>	<b>6</b>	<b>strong, G3</b>	24	94	6	1	no storms
9	89	33	4	<b>strong, G3</b>	25	94	3	0	no storms
10	89	16	3	no storms	26	92	4	1	no storms
11	94	6	2	no storms	27	90	10	3	no storms
12	92	4	2	no storms	28	88	14	3	no storms
13	93	8	2	no storms	29	83	7	3	no storms
14	101	10	3	no storms	30	86	11	2	no storms
15	<b>108</b>	13	2	no storms	5/31	87	10	3	no storms

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

## From the Archives

**75 Years Ago** – From the June 21, 1941 issue of *DX News*: Wildwood, NJ's Frank Lee received 221 veries from 266 reports dating back to last October! Leo Herz of Chicago recalled his ten years of DXing, 1931-1941. Like many others then, Leo DXed both AM & SW. His favorite rx was a Hallicrafters Sky Champion. (Ed note: my first two rx in 50s were the Hallicrafters S38B & S40B.)

**50 Years Ago** – From the June 11, 1966 issue of *DX News*: NRC's masthead listed Richard Cooper, Exec Secy; Musings Editor Ernest Cooper; John Callarman- IDXD, & Joe Brauner DX Down the Dial. This was their 33rd season. The annual convention was to be in Montreal. Andy Rugg reminded us that shorts were forbidden in downtown Montreal! Ben Dangerfield was disappointed his v/l from RTF-Martinique 1310 was postmarked Paris, France (parent country).

**25 Years Ago** – From the July 1, 1991 issue of *DX News*: This year's convention is in Bridgeport, WV. Wayne Heinen published both the IDXD Report and (large) Verie Signers list. Laura McCusker wrote a "Radio Waves" column: news of the industry of interest to DXers. Todd Brandenburg edited the FM DX Digest, while Pete Kemp authored "Radio Roundup."

**10 Years Ago** – From the June 19, 2006 issue of *DX News*: Bert New from Georgia sent in a daytime band scan from lush Jekyll Island, GA. Mark Connelly (MA) logged Turkey-1017, Serbia & Montenegro-1107, Iran-1332, and Djibouti-1431. In Hawaii, Richard Wood logged Brazilians on 730, 1000, 1220, 1280 & 1360, as well as Ecuador on GY 1340! Californian Dale Park, visiting in Hawaii heard New Caledonia-729.

(Thanks Ron Schiller for compiling!)

### 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.nredxas.org](http://www.nredxas.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.

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