DX News

Serving DX'ers since 1933

Volume 81, No. 23 ● March 17, 2014● (ISSN 0737-1639)

Inside this issue . . .

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<u>DX Test</u>: KCKM-1330 Monahans TX will test on <u>Saturday</u>, March 22, at 0100-0130 ELT, with 12 kW non-directional into a 5/8th-wave tower. The test will consist mainly of Morse code, sweep tones, and sound effects known to cut through the mud. There will be a few voice announcements spread out through out the test.

GM and station owner Bob Souza will accept reports. E-mail reports to bob@kckm1330.com are preferred (.mp3 attachments only, .wav are too big), but snail-mail reports will be accepted too at P.O. Box 990, Monahans TX 79756.

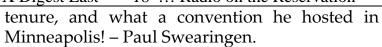
A verification postcard will be sent – a stamp to defray postage costs is always a good idea. (Thanks to Bob and Paul Walker.)

From: The NRC Board of Directors To: NRC Membership

Effective February 22, Mark Durenberger has resigned as a member of the Board of Directors. Also effective the same date Wayne Heinen has stepped down as the Chairman of the Board of Directors. As of March 1 Paul Swearingen has joined the Board of Directors and is the new Chairman of the Board.

These changes in no way affect the proposed publishing schedule change that appeared in Volume 81, Issue 22. This proposal is still in front of the membership for comment.

And a message from Paul: Thanks to Mark for his service to the NRC as a member of the NRC BoD. He brought some fresh ideas and a new perspective to problem-solving during his



<u>From the Publisher</u>: We'll be back again in two weeks, then it'll be another three weeks after that. It's been a tough winter in most of North America, but there's still some DX to be heard even as the temperatures start warming up.

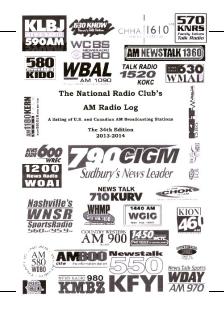
<u>Unreported Stations List</u>: None last issue, but this week two more to cross of the list of stations not reported to DDXD since at least Volume 67: KNZE-1150 and WNVL-1240. There are still 535 to go.

MEMBERSHIP REPORT

Returning Member: Welcome back to Artie Bible, Tulsa, OK.

Renewing Members: We appreciate the continued support of Charles L. Bartlett; Joseph Del Giudice K1CR; Kenneth Eddy; Elliott Feinberg; Arthur Jackson; Charles Reh; John (W) Sampson; Edward J. Semrad; Rick Shaftan; and Lexington Smith.

VOL. 81 DX NEWS PUBLISHING SCHEDULE											
<u>No</u>	<u>In By</u>			May 30							
24	Mar. 21	Mar. 31	28	June 27	July 7						
25	Apr. 11	Apr. 21	29	Aug. 1	Aug. 11						
26	May 2	May 12	30	Sept. 5	Sept. 15						



NRC AM Radio Log, 34th Edition

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

To the United States, \$22.95 to members, \$28.95 to non-members (Add \$3.85 for Priority Mail – U.S. delivery only)

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www.nrcdxas.org

(CO residents add 3.5% sales tax)

AM Switch



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

As a reminder, e-DXN subscribers can download a weekly "Interim AM Switch" on Friday nights or Saturday mornings on weekends that no DX News issue is published. Just look in the "AM Switch" folder. When we publish, we'll have all the material we've assembled since the last issue, so you won't miss a thing.

Here's what the FCC has been up to over the last two weeks:

CALL CHANGES

1150 WGBN PA New Kensington – Call change to WMNY (3/1).

1250 KTFJ NE Dakota City – Call change to KZOI (3/6). (Per Érnie W., is // KZOY-1520.)

1360 WMNY PA McKeesport – Call change to WGBN (3/1).

1460 WDDY NY Albany - Call change to WOPG (2/27).

NEW STATION WATCH

CPs for new stations on the air:

1120 KTXW TX Manor – CP for new station now fully licensed with U4 5600/155, has been heard operating under program test authority.

CPs for new stations granted:

690 CP SD Black Hawk – CP granted for new station with U7 50000/350 (ch 22000) at 43-58-45/103-05-46; licensee is Bott Communications, Inc. so probably will be REL.

Applications to amend CPs:

640 CP IN Terre Haute – CP for new station with U2 250/250 and an application for U4 4800/11150 at Peotone IL, applies to amend that application to U4 4500/1200 at Peotone. CP was set to expire on Feb. 24.

1120 WBUR FL Coral Springs – CP for new station with U7 9500/1100 (ch 6700) applies to amend CP to U4 25000/1700 at Delray Beach FL. CP expires July 6.

CPs expired and deleted:

1520 CP AL Fultondale – **CP** for new station (U4 6000/250) expired and deleted.

STATIONS GOING DARK (OR NOT)

950 KSEW AK Seward – Filed petition for reconsideration of cancellation of the license on 2/1 for failure to file a renewal application; says it did file on time and has a receipt to prove it. The FCC changed the status to "licensed and silent" but has not (yet) un-deleted the call letters.

CONSTRUCTION PERMITS FOR EXISTING STATIONS

CPs on the air:

800 KVOM AR Morrillton – CP to correct coordinates is on the air, no change in facilities.

1340 KJMU OK Sand Springs – CP for U1 500/1000 is on the air (ex-U1 450/900).

1420 WAOC FL St. Augustine – CP for U1 2000/230 is on the air (ex-U1 2180/250).

CPs built, moving toward licensing:

990 KTKT AZ Tucson – Granted program test authority to use CP for U4 10000/490. CPs granted:

1240 WPAX GA Thomasville – Granted CP to correct coordinates, no change in facilities.

1310 WTLB NY Utica – Granted CP for U1 2600/38 (licensed for U4 5000/500).

1350 KMAN KS Manhattan – Granted CP to correct coordinates, no change in facilities.

1460 KHOJ MO St. Charles – Granted CP for U4 12000/210 (licensed for U4 5000/210). Applications for new CPs:

1060 KFOY NV Sparks – Applies for U2 5000/500, moving to KPLY-630 towers (relatively new station licensed late last year for U4 10000/250).

1220 KGIR MO Cape Girardeau – Applies to replace tower and correct coordinates, remaining U1 250/137.

1270 WILE OH Cambridge – Applies for U1 830/28 (licensed for U1 1000/35) from a new, taller tower about 150 feet from the existing tower.

1580 KNIM MO Maryville – Applies for U1 480/10 (licensed for U1 700/7) from new site, colocated with FM tower; station had a CP for these parameters years ago and it

has been on the air since January 2003, but the previous owners forgot to file a license to cover with the FCC, so the old CP expired.

SPECIAL TEMPORARY AUTHORITY

650 KPRP HI Honolulu – Granted STA with U1 5000/5000; storm damage to antenna.

660 WORL FL Altamonte Springs – Granted STA for U1 200/200 or parameters at variance while implementing its CP from U4 1000/1000 to U4 3500/1000.

960 WRNS NC Kinston – Granted STA for night pattern at variance.

980 WKLF AL Clanton – Granted STA for temporary antenna.

1240 KDSK NM Los Ranchos de Albuquerque – Granted STA for yet another temporary tower, this one at 35-11-00/106-36-50.

1310 KKNS NM Corrales – Granted STA for U? 500/500 from a temporary antenna.

1360 KFIV CA Modesto – Applies for STA for pattern at variance.

1480 KPHX AZ Phoenix – Granted STA with pattern at variance.

1580 KNIM MO Maryville – Applies for STA for U1 480/10, see CP applications above.

1670 KNRO CA Redding – Granted STA with reduced power (unspecified).

1690 KYOK TX Conroe – Licensed on 1140 kHz with a CP to move to Katy TX, applies for STA to broadcast from a temporary site near Katy to establish ground conductivity, operating 0830-1630 CST with 5000 watts on 1690 kHz.

Application to extend existing STAs were <u>received</u> from WAXY-790 South Miami FL (U4 25000/25000 to overcome Cuban QRM); WGVM-1260 Greenville MS (U1 1000/32 from auxiliary transmitter).

Previously reported requests to extend existing STAs were granted to WETC-540 Wendell-Zebulon NC; WSVG-790 Mount Jackson VA; WKY-930 Oklahoma City OK; KTMS-990 Santa Barbara CA; WQNO-1060 New Orleans LA; WCSZ-1070 Sans Souci SC; WLIB-1190 New York NY; WIBR-1300 Baton Rouge LA; WBTK-1380 Richmond VA; KPUR-1440 Amarillo TX; WMNT-1500 Manati PR; and WSMN-1590 Nashua NH.

SILENT STATIONS

Stations informing the FCC that they are silent:

580 WYHM TN Rockwood – Silent 3/9, ground radials are damaged from "traffic, mowing, and land erosion."

1460 KARR WA Kirkland – Silent 2/28, lost tramsmitter site but will look for another one.

1510 WLKR OH Norwalk – Silent 2/20, transmitter damage from offsite power surge.

1590 WPUL FL South Daytona – Silent 2/18 for unspecified "repairs."

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

1230 KRXK ID Rexburg – Silent since 3/2/2013, returned to the air 2/28.

1330 KVOL LA Lafayette – Silent since 4/24/2013, returned to the air 2/25.

1390 WZQQ KY Hazard – Silent since 7/20/2013, returned to the air 2/28.

1450 WKAL NY Rome – Silent since 5/8/2013, returned to the air 2/23 (but was heard and reported in *DX News* more than once in the interim).

Fines: KALL-700 North Salt Lake City UT settles a case regarding an alleged unauthorized transfer of control of the license with a voluntary \$5,000 contribution to the U.S. Treasury; KOZI-1230 Chelan WA fined \$12,000 and granted a four-year (instead of an eight-year) license renewal for failure to maintain public issues and programs lists in the public inspection file.

THE NEWS FROM CANADA

The CRTC turns its attention, briefly, back to what's left of the AM band north of the border:

700 App AB Calgary – Re-application filed for new station with U4(?) 50000/20000 and a GOS format.

CRTC info is from Shawn Axelrod (and usually from Dan Sys, but he's been ill lately ... get well soon, Dan!)

NRC AM LOG UPDATES

Info from Wayne Heinen follows – send him your updates at <a href="https://www.nccanner.com/ncca

560 WQAM FL Miami – Networks to CS/Jr.

830 WCCO MN Minneapolis – Delete // K278BP-103.5. (DL)

WQZQ TN Goodlettsville – Slogan to "94.9 FM Game."

950 WORD SC Spartanburg – Format to SPT (ex-TLK); network to ESPN; slogan and group to // ESPN Upstate.

960 KLAD OR Klamath Falls – Slogan to "ESPN 960," network to ESPN.

4

- 1070 WNCT NC Greenville Slogan and group to // Beach Boogie and Blues.
- 1080 WOAP MI Owosso Slogan to "Radio Exitos."
- 1090 WTSB NC Selma Networks to SRN.
- **1210 KEVT AZ Sahuarita** Format to TLK/SPT (ex-SS:REL); slogan to "Power Talk 1210"; networks to FSR. (SD)
- **1240 WSYY ME Millinocket** Networks to CS/Jr.
- **1330 KVOL LA Lafayette** Format to OLD (ex-Silent); slogan to "The Voice of Lafayette," delete // KYMK-FM-106.3.
 - **WYRD** SC Greenville Format to SPT (ex-TLK); network to ESPN; slogan and group to // ESPN Upstate.
- **1340 WCSR MI Hillsdale** Format to OLD (ex-AC); add network Ap News.
 - WRAW PA Reading Format to SS:CHR (ex-Rock/OLD); slogan to "Rumba 1340."
- **1350 WCRM FL Fort Myers** Format to ETH (ex-SPT); delete all networks.
- 1390 WMER MS Meridian Slogan to "Good Time Gospel."
- **1400 WIRA FL Fort Pierce** Slogan to "Rejoice 1400."
 - WEST PA Easton Slogan to "La Ola 1600."
 - **KREW TX Plainview** Network to YSR.
- **1420 KJDL TX Lubbock** Format to CHR (ex-C&W); slogan to "Z-98.5"; network to WW1.
- 1430 WOIR FL Homestead Slogan to "Radio Zoe."
- **1440 KVON CA Napa** Networks, drop ESPN and add FSR.
- 1450 KVSL AZ Show Low Slogan to "Real Radio for Real People."
- **1470** WMGG FL Dunedin Format to SS:TLK (ex-TLK), slogan to "Mega AM," drop networks.
- **1510 KBED TX Nederland** Format to SPT (ex-SS:MEX), slogan to "Sports Radio 1450," networks to CS/Jr.
- 1540 KXEL IA Waterloo Networks, drop ABC and add Fox News. (BC)
- 1570 WWCK MI Flint Network, add ABC News.
- **1600** WHOL PA Allentown Slogan to "La Ola 1600."

From Shawn Axelrod

The CBC French network has been playing around with some ID's but the last while they have settled on "ICI Radio-Canada Première." They had wanted just "ICI," but there was a big stink made about not even mentioning Canada. All the CBC French stations will be, if they are not by now, using this ID.

New Group

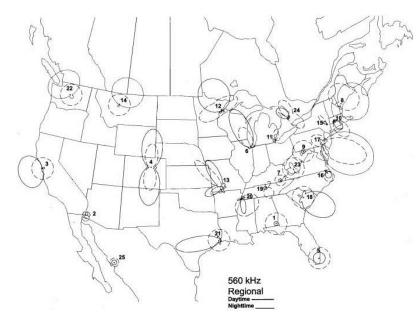
// ESPN Upstate – WORD-950, WYRD-1330, W246BU-97.1

// Beach Boogie and Blues – WNCT-1070, W266AV-101.1, W239BC-95.7.

Thanks to Shawn Axelrod, Bill Hale, Richard Lauhead (RL), Bruce Conti (BC), and Skip Dabelstein (SD).

NRC Antenna Pattern Book, 7th Edition

The 7th Edition of the NRC Antenna Pattern Book is now available. This all new edition prepared



by NRC'er Paul Swearingen is an all-inclusive book of patterns for both Day and Night operation of stations in the USA, Canada and selected foreign stations. The data for the book comes from the 34th Edition of the *AM Radio Log* and NRC'er John Callerman's comprehensive Mexican station listing.

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

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

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

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

REPORTERS

BD-WI Bill Dvorak, Madison, WI. Drake R8B, Double Kaz antenna bearing 100 degrees.

DS-TN Doug Smith, Pleasant View, TN. 2006 Chevy Silverado radio barefoot.

GH-OK Glenn Hauser, Enid, OK. Mostly DX-398 with internal antenna only; or Sony SRF-59 as specified; Nissan stock car radio as specified; FRG-7 as specified. Glenn's complete reports, with extensive commentary, are originally published in *DX Listening Digest*.

JDS-MN Jeff Steffes, Watertown, MN. Drake R8, Kenwood R-2000, Quantum Phaser, Quantum QX Loop v2.0, 80' Longwire N-S

JEL-MO J E Lewis. Kansas City MO. Tecsun PL-660, Select-A-Tenna, Honda Odyssey car radio. John J Rieger, South Milwaukee WI. Icom IC-R71, Kiwa loop, MFJ-959B tuner, preamp

JW-CO John Wilkins, Wheat Ridge, CO. Drake R-8, 4-foot box loop. 73!

KDF-IL Karl D. Forth, Chicago, IL. Tecsun PL-380

KDF-NV Karl D. Forth, Las Vegas, NV. Kia Forte car radio

RD-NE Rick Dau, South Omaha, NE. Kenwood R-5000, Quantum QX Pro loop (918 overall loggings here)

RS-UT Ron Schiller, W7SGU St George, UT. 2014 Kia car radio.

SAM MB Shawn M. Axelrod, VE4DX1SMA, VEPC4SWL, Winnipeg, MB. Icom ICR70/Drake R8; 3-foot unamplified box loop/Quantum QX loop v2.0/155-foot U-shaped outdoor wire/100-foot indoor wire around the basement walls/MFJ 1026 Phasing unit

TJ-SD Terry Jones, Plankinton, SD.

DX TESTS HEARD (OR NOT)

1440 WFNY NY Gloversville – 2/22 0000 – Morse Code ID heard 30 seconds into the test. There is a mess of stations on the frequency sounds like a Graveyarder tonight. Have to love the DX tests for getting those weak stations from far, far away. (SMA-MB)

1440 WFNY NY Gloversville – 2/22 0000-0006 – Tried for the underpublicized DX test from WFNY, 1440, Gloversville in upstate New York, not expecting to hear it, especially if on 0.5 kW night power N/S rather than 5 kW ND day facility. And indeed not heard: 1440 dominated by an ESPN station, presumably usual WGEM Quincy IL in same direction; and also by some Spanish, presumably KTNO The Metroplex TX, even though it's allegedly only 350 watts at night. Test was not a no-show, as Steve Francis in Alcoa TN reported "code heard at midnight!" Dxers in NJ, and even IL and NE also heard the code. (GH-OK)

1440 WFNY NY Gloversville – 2/22 0001 – Weak to fair with Morse Code noted in varying pitches four different times during the hour long DX test. NY #10 at this QTH. **(RD-NE)**

(RD-NE)

1450 WWXL KY Manchester – 3/1 2303-2332 – Fortunately for me I was on the computer on the night of Saturday 3/1, when at 2115 ELT Paul Walker posted on the major DX lists that an impromptu DX test would occur beginning that night at

Your Station For Rock www.wwxl.net

night of Saturday 3/1, when at 2115 ELT Paul Walker posted on the major DX lists that an impromptu DX test would occur beginning that night at 2300 ELT. The station was WWXL. Tuning to 1450 at the appointed time, I soon was picking up Morse code, weak but present and being sent at a speed much faster than most DX tests run. Replaying the recording later, I was able to decode ID'able material including call signs and CoL. Several others reported hearing this test too. NEW! 505 miles. Thanks to Paul for the heads up. (BD-WI)

DX Logs

560 KMON MT Great Falls – 2/3 2100 – Weak under KWTO with CLs heard during possible legal ID. **(RD-NE)**

600 WREC TN Memphis – 2/4 0339 – Popped in briefly with "600 WREC" ID during *Coast-To-Coast AM*. (RD-NE)

- **600 CJWW SK Saskatoon** 2/3 2341 Under WMT with "CJWW" jingle ID, then Blake Shelton C&W song "Sure Be Cool If You Did." Confirmed via webstream. My 900th overall logging at this QTH. **(RD-NE)**
- **690 KTSM TX El Paso** 2/27 0830 Mediocre Weather with Michael Montgomery News on Demand discussion about Alzheimer's Announcement of winner of Dream Big America at 0842. Fades eventually back into the hash. **(TJ-SD)**
- **720 WGCR NC Pisgah Forest** 2/17 0716 Weak in WGN null with sign-on, weather forecast, and Bible verse, then into music from a Southern gospel quartet. Confirmed via webstream, and NC #3 from this QTH. No sign of much-wanted WVCC, which I was after at the time. **(RD-NE)**
- **730 WZGV** NC Cramerton 2/17 1859 Poor but in the clear, with ads and ESPN promos, legal ID including slogan "ESPN 730 Charlotte" into sports talk. A big thank you to Richard Lauhead whose post on the DX-tip list of his hearing the station that morning inspired me to check out 730 that night. NEW! **(BD-WI)**
- 770 WEW MO St. Louis 2/12 1843 FINALLY snagged after many months of trying with Croatian (or Bosnian?) music program "Pendzer u Svijet." Gone in mid-song at 1845, as expected. No sign of KUOM, which usually tops 770 at sunset before it signs off. (RD-NE)
- 810 KLVZ CO Brighton 2/21 0200 Dominant signal including one legal ID and several more with promo variations on "Where Love Lives." Allegedly 430 watts at night vs 2200 day; night pattern does have a little lobe SE toward us, while day pattern goes SW. As usual, nothing from WHB Kansas City, our daytime dominator, since at night it has a tight figure-8 to the NNW/SSE. I was checking 810 due to recent reports of WQIZ, 5 kW daytimer in St George SC, on the air at night QRMing WGY in the East. Which reminded me that I don't think I've ever heard historic WGY Schenectady in OK, despite its class I-A status of 50 kW non-directional day and night, supposedly requiring every station else to protect it. (GH-OK)
- **880 KLRG AR Sheridan** 3/7 1949-2001 Excellent to good with minor fading, in the clear, like a local with GOS. Full ID on the hour with CL, FM frequencies, Sheridan/Little Rock, then back into GOS. They have a CP for 50 kw day, 31 kw critical hours, both non-directional, and 200 watts night, directional toward the Southwest. I think the sunset time for March there is around 6:15 PM local time, so they had to be on day or critical hours power. I also checked 1090 Little Rock, which is a regular here, and they were coming in quite well. (**JEL-MO**)
- **880 WMDB TN Nashville** 3/6 0042 Good; loud! SS lively music, "La Ranchera Ocho Ochenta," no WCBS at all. (JJR-WI)
- 960 KMA IA Shenandoah 2/19 2103 Girls high school basketball play-by-play. Glenwood Rams vs Creston Panthers. Into commercial at 2107 for S&S Appliance, Clarinda. Back to play-by-play until games ends at 2111 with announcer "Glenwood wins it 47-36. We wrap it up after this on KMA Shenandoah" Followed by commercial for local business. (JDS-MN)
- 960 KFLN MT Baker 2/18 0859 Out of C&W music with legal ID at 0859:55 by male voice: "96 KFLN Baker, a Newell Broadcasting Corporation," followed by Fox news at 0900. On top with a fair signal. Local KRWZ-950 IBOC still turned off. (JW-CO)
- 980 KKMS MN Richfield 2/25 1901 Out of SRN news, Into commercial for Weekend To Remember get-away. Followed by "AM Nine-Eighty KKMS, your Twin-Cities Christian talk station" (JDS-MN)
- 980 KICA NM Clovis 2/20 2155 Fair in KMBZ null with modern pop song "Love Somebody" by Maroon 5, then ID as "... (Fly?) 98.3 ... eastern New Mexico's best music." Left the day stick running late, NM #11 at this QTH. (RD-NE)
- **980** KMIN NM Grants 2/28 0904 Legal ID: "... this is AM 980 KMIN Grants and FM 96.7



KMYN Grants-Albuquerque-Santa Fe," then into "The Country Morning Show," with the male announcer babbling effusively about the beauty of the Land of Enchantment, Mount Taylor, etc.; at 0908, the Pledge of Allegiance recited by a local child (sponsored by Chaco Canyon Trading Center); "K-Mine" slogans and mention of kminecountry.com website; finally into C&W music at 0910. Good QRM-free signal with almost no fading for 20 minutes. (JW-CO)

- 990 WDCX NY Rochester 3/1 1759 Poor to fair, light unID QRM, with local weather, LID including slogan "Life AM 990" and mention of AM HD into contemporary Christian music. Needed call change, last logged as WLGZ and never logged when it was briefly WRCI back in 2008. (BD-WI)
- **1000 WMVP IL** Chicago 2/19 2042 "The home of the Bulls, ESPN One-Thousand." Into Geico commercial. Followed by Chicago Bulls Basketball. (JDS-MN)
- **1010 KXXT AZ Tolleson** ¾ 0859 "This is Family Values Radio 1010 AM KXXT Tolleson-Phoenix" legal ID and into program *A Family Affair*. Good signal, mixing with KIHU and KSIR. (**JW-CO**)
- 1010 WMIN MN Sauk Rapids 2/25 1915 Out of nostalgic music "Jack Jones, Something's Got to Give." Return to music with song ending at 1918. Followed by commercials including: Car Quest Auto Parts, and Old Creamery I in Rice, MN. Into at 1921: "Frank, Dino, Sammy, they're all here. Minnesota's greatest hits Ten-Ten AM." (JDS-MN)
- **1010 KIHU UT Tooele** ¾ 0859 Legal ID heard underneath dominant KXXT: "KIHU Tooele, Immaculate Heart Radio." Not sure what followed, probably EWTN programming. **(JW-CO)**
- 1020 KMMQ NE Plattsmouth 2/21 0154 Semi-local KOKP Perry OK unusually has some Spanish in its null with norteña music, so is it from northern Mexico? No! Soon ID at "La Nueva 10-20 de Omaha." (It's been "new" for quite a while now.) This is how I would normally hear it around sunrise once 50 kW day power is going, not 1.4 kW night power. Pattern for both is an ellipsoid tangent to and aimed due west, so we should not be getting much signal day or night to the SSW. Usually at night, KDKA makes it in the KOKP null. (GH-OK)
- **1030 KFAY AR Farmington** 2/18 1922 Fair to good with "KFAY, Home of the ..." heard in stopset during *The Mark Levin Show*. **(RD-NE)**
- stopset during *The Mark Levin Show*. **(RD-NE) 1050 WDZ** IL **Decatur** 2/13 1804 Good with two local news briefs, one about Illinois state treasurer and current gubernatorial candidate Dan Rutherford being accused

of sexual harassment by a former aide, the other about the number of Illinois residents who have enrolled in Obamacare up to the present. Stories were read by Mike Spaulding, who gave his name at the end of the newscast before station went into sports programming. No CLs heard, but the news stories were good enough for me to count it since WDZ is the only 1050 in the state.

1060 KYW

- were good enough for me to count it since WDZ is the only 1050 in the state. (RD-NE)

 PA Philadelphia 2/19 2031 Out of news, sports, then weather. "KYW news
- time Eight-Thirty-Two." Followed by traffic report. (JDS-MN)

 1070 KILR IA Estherville ¾ 2000 Fair over several UNID's with mention of your station for more Sean and Rush, CL, into national news. Rare in spite of fairly close proximity. They run 48 watts at night with a kidney bean shaped pattern with a null toward the north-northeast, so their ERP is higher in our direction. (JEL-MO)
- **1080** KRLD TX Dallas 2/19 2019 "It's traffic and weather together on the eights. The next report Seven-Twenty-Eight. I'm Debbie Douglas on your traffic leader KRLD." Followed by weather report. (JDS-MN)
- **1080 KSLL UT Price** 3/3 0916 Rock songs, "KASL" non-ID's and "Classic Rock 105" slogans; "24-7 News" (headlines) at 0918, followed by a mix of local and non-local ads. Good peaks, KRLD having faded away. **(JW-CO)**
- **1090 KAAY AR Little Rock** 2/19 2015 Out of contemporary Christian music. "Through the Word and the internet. Ten-Ninety KAAY dot com." Return to music. (JDS-MN)
- 1140 KLTK AR Centerton 2/18 1830-1900 Tentative; in and out with Spanish talk, Mexican music, heard what sounded like "Tremenda" but could have been "Americas." No ID heard. Noted Glenn Hauser's log earlier. Uncommon KCGS-960 in well at same time. Also heard 2/21. (KDF-IL)
- 1140 KCXL MO Liberty 2/26 1859 Very good with conclusion of nostalgia-big band music program "The Neon Beat," ad for business in Grain Valley, and dual AM-FM legal ID, then into NBC Sports update, followed by NBC Sports talk program *The Jon Stashower Show*. Not a new logging, but just an odd juxtaposition of formats here. (RD-NE)
- 1150 KZNE TX College Station 2/13 2224 Over KSAL with announcements of 979 area code phone # and "Tell 'em you heard about it on The Zone ..." during ad for Boardwalk Salon in Bryan, then back to Texas A&M basketball postgame

show. First time heard since the spring of 1988, when it was WTAW and I was living in the dorms at the Univ. of Iowa!! (RD-NE)

1190 KQQZ MO De Soto – 2/23 0204 – "11-90 AM, NBC News and your classic country favorites" non-ID, dominant signal roughly east/west. No clear match in the 2013 NRC AM Log, but I'm 99% sure it's KQQZ St Louis MO market, cheating: 10000/22 watts U4, De Soto MO/Belleville IL, with day pattern at night to the SW. It is C&W, and with NBC News, a.k.a. "Hot talk and kool killer country," https://kqqz1190am.com/ The classic country angle is more obvious here: https://www.facebook.com/kqqz1190am Previously heard mostly around sunrise. (GH-OK)

1210 WILY IL Centralia – 2/5 1832 – Briefly in with bits of an ID: "... the songs we play ... WILY," then into King Harvest's 1973 Top 40 hit "Dancing In The Moonlight." Disappeared about 30 seconds later during late power drop. (**RD-NE**)

1240 KOKL OK Okmulgee – 2/23 2234 – Fair with Eddy Arnold's 1955 C&W classic "Cattle Call," then weather forecast and CLs given by young female DJ. First time heard from any of my QTHs. **(RD-NE)**

1240 WNVL TN Nashville – 2/26 1100 – Numerous ads for Nashville businesses including area code (615) phone numbers. One ad for "Doctor Auto" identical to one heard two minutes earlier on WMDB-880. Legal ID at 1100. **(DS-TN)** Another unreported station, now reported. **(JDT-WA)**

1260 WWRC DC Washington – 3/3 1759 – Good, semi-local WEKZ a complete no-show, with Dow Jones Money Report, LID including "Powerful talk from America's most powerful city" and // WKDL 1250, into SRN news at ToH. Station bottomed out within the first minute of newscast, although not scheduled for a power-down until 15 minutes later. NEW! **(BD-WI)**

1260 KBLY ID Idaho Falls – 3/3 0959 – Ad for 6th annual East Idaho Home and Garden Show; dual 690 KBLI /1260 KBLY legal ID, then ABC news at ToH. Fair with local TIS pest off the air. **(JW-CO)**

MD Baltimore – 3/1 2000 – Good and in the clear, with Jody Mac show just ending, LID including slogan "CBS Sports Radio 1300" into CBS Sports Radio Sports Flash at ToH. I almost passed this one up thinking it was semi-regular WLXG Lexington KY (ESPN), but fortunately returned to it in time to catch the legal ID. NEW! A wonderful surprise! (BD-WI)

SC Greenville – 2/24 1959 – Good, light unID QRM, with ESPN's Sedano and Stink program, ads, PSA's and ESPN promos into LID including slogan "ESPN Upstate." LID included three stations: WYRD, WORD 950 Spartanburg and W246BU 97.1 Spartanburg, plus the HD3 channel of WFBC 93.7 Greenville. This arrangement did not fit info in the *NRC AM Log*, so I did some research. What I found was that I had stumbled on a new group, ESPN Upstate, that was broadcasting its first day of programming that very day. This also was a needed call change for me dating way back to 2/1997, ex-WFBC. WORD 950 is occasionally heard here, but it had been at least 17 years since I had heard its // on 1330! (BD-WI)

1340 WLEW MI Bad Axe – 3/5 1759 – Poor on a very noisy GY frequency, with a very fiddle-heavy C&W selection and LID: "You're listening to WLEW Bad Axe, Michigan." The copy was very difficult after that with not much readable, then back to C&W. NEW and long sought after, MI #105. **(BD-WI)**

1370 WLTH IN Gary – 2/19 0004 – Fair to good with ad for NWI Auto Sales in Schereville, then into Barry White's "Can't Get Enough of Your Love, Babe." Confirmed via webstream. Audio on 1370 was rather distorted. **(RD-NE)**

1380 KCNW KS Fairview – ¾ 0800 – Poor in mess. "Radio that changes the way you live. Good morning, Kansas City." LID. Not heard in years! (JJR-WI)

1380 WMTA KY Central City – 2/16 1959 – Briefly topping the channel with legal ID that mentioned a simulcast with WGAB-1180 in Newburgh, IN. **(RD-NE)**

1380 KKRX OK Lawton – 2/1 1923 – Fair with "KKRX" ID heard during modern UC/R&B music. (RD-NE)

1400 KVOE KS Emporia – 2/23 2023 – Briefly in with "... thank you for shopping in Emporia's ..." heard in promo for local businesses. Had been my second closest unheard graveyarder here. **(RD-NE)**

- **1420 WCED PA Du Bois** 3/2 1859 Poor on a very crowded frequency, with LID "1420 AM, 96.7 and 107.9 FM, the pulse of the tri-counties, News Talk Radio WCED Du Bois" into ABC news at ToH. NEW! **(BD-WI)**
- **1440 KTUV AR Little Rock** 2/14 2128 Fair to good with "La Pantera catorce cuarenta ... Salvajemente Mexicana" ID, then into techno dance music in Spanish. Confirmed via webstream. **(RD-NE)**
- 1440 WHIS WV Bluefield 2/20 2259 Good to complete fade, with PSA for a blood drive 2/26 at Mount View High School in Welch, LID including "a service of L&L Broadcasting" into Fox news at ToH. The station soon faded and repeat checks over the next two hours did not find its return. So I must have lucked out on this one with an unexpected and nicely-timed fade-in. NEW! (BD-WI)
- **1460 KZUE OK El Reno** 2/24 1923 Good with ABBA's 1979 Top 40 hit "Chiquitita" sung by the group in Spanish, then "La Tremenda catorca sesenta" ID by male, and ad for local restaurant. Confirmed via webstream. **(RD-NE)**
- **1480 WBBP** TN Memphis 2/17 0746 Fair in mess with black gospel music, announcement of morning show host Tracy Morgan and "AM 1480 WBBP" in liner. (**RD-NE**)
- MO Independence 2/23 2212 Poor and distorted signal plus het below WLAC, **1510 KCTE** with sports talk, ad, LID including slogan "ESPN 1510" (ironic, since it was running Yahoo Sports Radio at the time). This station is a daytimer, 10kw directional, on late this night. I learned from internet posts that this station is too often on late, and besides is off frequency at 1509.832, thus the source of distortion and het. Needed call change dating back to 4/1994 (!), ex-KJLA. (BD-WI) 2/24 0130 – ESPN station significantly off-frequency to low side, making audible het against understation WLAC, and het wavers slightly. It was ever thus with KCTE, Independence MO, nominally 10 kW daytimer. No ID caught but others have been reporting this daytimer cheating again, so I have no doubt. "WLAC.com" also audible under after local weather at 0134. I was also hearing the het last night and figured this was it. 2/24 1620 - On car radio, even in the daytime I can hear the het caused by off-frequency KCTE, as well as two audios mixing weakly; presumably another peripheral, KNNS, Larned KS, 1 kW daytimer. 2/25 0149 - Sports talk making audible het with 1510.0 stations, primarily WLAC; and the DF fits, so it's 10 kW daytimer KCTE, not only off-frequency, but again illegally on air at night. (GH-OK)
- **1550 WDLR OH Delaware** 3/5 0600 Poor in null of KYAL. LID for WDLR and //1270-QT1270 WQTT. True OLDies Channel. Recent flip from SS. (JJR-WI)
- **1550 KYAL OK Sapulpa** 3/5 0601 Fair "97.1 the Sports Animal" said twice. Alone. (JJR-WI)
- **1550 KKOV WA Vancouver** ³/₄ 1053-1100 Oldies "You Belong to Me" and "Young Girl" (GP & Union Gap) and solid "KKOV Vancouver-Portland" ID on the hour and into news. Booming in. 3 weeks prior at exact same time it was KUAZ, Tucson holding forth atop 1550. **(RS-UT)**
- **1560 WKDO KY Liberty** 2/28 1959 Fair and in the clear in auroral conditions, no sign of usually dominant WQED, with oldies, LID including slogan "The Vault," back to oldies at ToH. This station is a 1 kw daytimer on late this night. NEW! **(BD-WI)**
- 1560 WQEW NY New York 2/18 2148 Fair on east-west loop bearing (and in null of KGOW) with Radio Disney programming. With KEBC's format switch from Disney to all-comedy last March, this is now the only Disney station left on 1560. (RD-NE)
- **1590 KLIV CA San Jose** ¾ 1051 Traffic report mentioning Hayward & several other Bay Area cities, followed by local WX. Well atop 1590. **(RS-UT)**
- 1590 KVGB KS Great Bend 2/25 0737 Good; Kerry Bros ad; Dave Ramsey for Collection Agency Ford ad Kim Komando ad then *Early Morning Show* at 0745. (TJ-SD)
- **1590 WGBW WI Denmark** 2/24 0805 Good signals on top with the Polka Time Christmas show. I am guessing it was a repeat or boy did that signal take its time getting to me. Not new just unusual. **(SMA-MB)**
- 1600 WAOS GA Austell 3/5 0534 Good and loud, dominating. La Mejor and LID at 0558. (JJR-WI)
- **1680 KNTS WA Seattle** 3/4 1049 Presumably the SS station in and out with KGED Fresno. **(RS-UT)**
- **1690 WVON IL Berwyn** 3/7 0705 ID *Voice of Chicago Morning Show* comments and phone calls about potholes and cracked streets. **(TJ-SD)**

TIS

1700 TIS

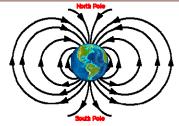
NV Las Vegas – 2/5 1100 to 2/6 1800 – TIS heard with tape loop something like, "RTC HAR system for southern I-15" heard from a number of locations from Sunrise Manor to Spring Valley and Paradise, always with medium signal. (KDF-NV)

UNID

970 UNID

1930-1935 and 2006 – Poor to fair under splatter from local KMBZ 980 with GOS, "Just a Closer Walk With Thee" then into another selection. Faded into several other UNID's. Thought I heard some CW music after but very weak. Tried for an ID at top of hour, but no luck. Heard on new Tecsun PL-660. (JEL-MO)

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



Geomagnetic Indices

Geomagnetic Summary February 2014

Via Phil Bytheway – Tabulated from email status daily.

Date	Flux	A	K	Space Weather	Date	Flux	A	K	Space Weather
2/ 1	177	5	3	minor, R1	2/15	162	11	5	minor, G1
2	190	4	1	minor, R1	16	154	22	3	minor, G1
3	188	6	2	no storms	17	152	5	3	no storms
4	188	5	1	moderate, R2	18	151	7	3	no storms
5	194	4	2	minor, R1	19	158	47	3	moderate, G2
6	191	9	1	minor, R1	20	156	39	3	moderate, G2, R1, S1
7	178	8	3	minor, R1	21	157	12	3	no storms
8	172	23	5	minor, G1	22	163	14	2	no storms
9	169	18	3	minor, R1	23	172	17	4	minor, R1
10	161	12	4	no storms	24	171	7	1	minor, R1
11	172	6	3	minor, R1	25	174	4	2	strong, R3, S1
12	160	9	1	minor, R1	26	178	4	1	minor, R1, S1
13	167	3	0	minor, R1	27	176	24	5	moderate, G2, S1
2/14	167	4	1	minor, R1	2/28	171	13	1	moderate, G1, R1, S2
5 6 7 8 9 10 11 12 13 2/14	194 191 178 172 169 161 172 160 167	4 9 8 23 18 12 6 9 3 4	2 1 3 5 3 4 3 1 0 1	minor, R1 minor, R1 minor, R1 minor, G1 minor, R1 no storms minor, R1 minor, R1 minor, R1	19 20 21 22 23 24 25 26 27	158 156 157 163 172 171 174 178 176 171	47 39 12 14 17 7 4 4 24	3 3 3 2 4 1 2 1 5	moderate, G2 moderate, G2, R1, no storms no storms minor, R1 minor, R1 strong, R3, S1 minor, R1, S1 moderate, G2, S1

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

NOAA Space Weather Outlook

Issued March 3, 2014 – For the period March 3-29, 2014

Solar activity is expected to be low to moderate levels with high levels possible throughout the forecast period.

There is a chance for a proton event at geosynchronous orbit throughout the forecast period.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to be at normal to moderate levels with a chance for high levels on 09-10 and 13-15 March in response to effects from a coronal hole high speed stream.

Geomagnetic field activity is expected to be at mostly quiet of unsettled levels in the absence of any transient features. There is a chance for active levels on 09-10 March in response to a negative polarity coronal hole high speed stream.

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



Follow @NRCDXNews on Twitter!

Twitter can be used to disseminate hot MW DX tips to the DX community
To read tips: go to www.twitter.com and search for #mwdx
To send tips, write a tweet (140 characters max) and include the tag #mwdx

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 ELT.

REPORTERS

BC-NH Bruce Conti, Nashua – Excalibur SDR, MWDX-5, variable termination SuperLoop antennas northeast and south

HF-MI Harold Frodge, Midland – Drake R8B + 125 ft. bow-tie; 85 ft. RW & 180 ft. center-fed RW

TF-NH Tony Fitzherbert, Campton – Grundig S-450 DX, Grundig 200 loop.

HJH-PA Harry Hayes, Wilkes-Barre – Tecsun PL-390

BH-MA Bob Hill, Littleton – Sony ICF-2010 with Kiwa filters, AOR LA390 active loop.

KK-VA Kraig Krist, Manassas – Winradio G33DDC SDR, Wellbrook ALA-1530S+ Imperium Loop.

TLK-FL Terry Krueger, Clearwater – NRD-535, roof dipole

DS-PA Dave Schmidt, Shrewsbury – Superadio II

PS-ON Paul Snider, Welland – Icom R75, 3 foot loop, MFJ 1020C tuner.

FV-OH Fred Vobbe, Lima – Perseus SDR, TTFD 90' antenna

NjW-ON Niel Wolfish, Toronto – WinRadio Excalibur G33DDC + Wellbrook Loop

MKB-ON Mike Brooker, Toronto – Grundig G5, Grundig YB-400PE, Sony SRF-39FP, Panasonic RF-2200 (receiver emeritus)

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

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

DX TESTS

1440 WFNY NY Gloversville – 2/22 0001 – Noted WFNY code IDs (.-- ..-. -. -.-) and tone cutting through CHKT-1430 slop. Not needed. Heard on similar test in 2011. (MKB-ON)

+++ - 2/21 2356 – Came up suddenly with 70s rock tune. At 0000 "... WFNY ... here in downtown Gloversville, let us begin our test ..." into code ID, first strong then a weaker one; "Michael Neal plays the hits" into oldies. Very copyable under nearby WMAX Bay City MI. NY #59. The posted address of wfny@frontier.net is wrong; it should be wfny@frontier.com. (HF-MI)

+++ - 2/22 0000 – DX/equipment test mixing with WHKZ and other oldies. Mike O'Neill with announcements about test and hello to listeners. Oldies and morse code. Dubious person in California claiming they heard test. (KK-VA)

1450 WWXL KY Manchester – 3/1 2300 – DX test tried for, a few seconds of tone noted around 2320, but no code copyable in the graveyard mush. Not even enough for a tentative logging. (MKB-ON)

+++ - 3/1 2255 – Mixing with music and talk. Only able to hear Morse code and then only a character here and there. However, did hear "WWXL" in morse code. (KK-VA)

UNID

1100 unID -- 2/23 1810 – Someone here running the Dave Ramsey show, weak but in the clear with no sign of WTAM. This has been heard before a various times but no ID. **(DS-PA)**

1270 unID -- 2/27 2200 – Station playing Billy Joel "Just The Way You Are" and other oldies. Quick ID sounded like "1270 AM WNGA ???ville." **(FV-OH)**

1300 unID -- 2/28 0500 – Large unmodulated carrier, sometimes as much as S9+15. Appears to be +15 HZ off from other stations on the channel. **(FV-OH)**

1470 unID -- 2/28 0500 – R&B station under WMBD giving ID at 0500:29 in sort of a whisper. Sounded like last letter of call sign was "I." Can't seem to match anything in AM Log. (FV-OH)

1640 unID -- 2/26 0500 – Fair on fade in; preacher in EE, through the hour without ID. Previously reported as tentative KDIA, but consistently heard without ID on the hour, suspect it's something else, maybe a Boston pirate or Part 15,

although John Butler KF6GNI tells me KDIA has a poor record for ID'ing at top of the hour. **(BC-NH)**

TIS/HAR

- **1610 WPAN997 NY Buffalo** ¾ 2334 Repeated loop, "This is station WPAN997, broadcasting on 1610 AM in Buffalo," mentioned no traffic delays, speed limits. Poor to very poor mixing with CHHA. **(PS-ON)**
- **MD** 2/28 0600 Poor but alone at off-frequency of 1611.2 kHz; "Maryland State Highway Administration highway advisory radio" Several callsigns and locations listed in FCC database for Maryland. Which one is that far off-frequency? **(BC-NH)**
- **1640 WQFH340 ME York** 2/23 1730 Fair; messages about snowmobiling, ice thickness, and Maine Wildlife Park, "Maine Wildlife Park is now closed." **(BC-NH)**

LOGGINGS

- **540 WFLF FL Pine Hills** 2/25 0559 Good; instrumental national anthem, "WFLF Pine Hills-Orlando, WMGF HD3 Mount Dora-Orlando, and W273CA Orlando" into WFLA local news, traffic, and weather. **(BC-NH)**
 - WKFN TN Clarksville 2/28 0600 Over WFLF, under non-ID'ing Fox sports; ID for FM and "... WKFN Clarksville," into ESPN. Fox sports was likely WWCS. (BC-NH)
 - **WAUK WI Jackson** 2/27 1550 ESPN sports, 1555 ad break with local Milwaukee ads; ToH ID as "5-40 ESPN WAUK Jackson" Fair over QRN and no other station evident. **(HF-MI)**
- **630 CFCO ON Chatham-Kent** 2/15 1630 C&W music, ID for "Country 92.9 FM and 630AM, CFCO" into more music, no sign of usual WPRO. **(TF-NH)**
- **640 KWPN OK Moore** 2/28 0500 Under jumble of Akron and Cuba, heard "Home of ??? Sports radio, KWPN Moore," mention of Oklahoma City followed by "A Cumulus station." **(FV-OH)**
 - **CFMJ ON Richmond Hill** 2/15 2050 Discussion about politics in Alberta, non-ID for "AM 640, Toronto," references to the Bill Carroll Show in the morning, into "640 News," references to "AM 640 Talk Radio." **(TF-NH)**
- **680 CFTR ON Toronto** 2/20 0500 Lead up to TOH stager included headlines and weather forecast. Female announcer gave time followed by time-tone, and ID. (WLW IBOC was off.) **(FV-OH)**
- 710 WAQI FL Miami 2/17 2105 Spanish talk show, over WOR. (TF-NH)
 - +++ 3/2 0000 Through R. Rebelde in WOR null; jingle into ID, "WAQI ... aquí, Radio Mambi." (BC-NH)
- **750 WNDZ IN Portage** 2/28 1027 SS call-in show with passionate host; call from Jose in Michigan about Chapo Guzman. On top over WJR-760 splash. NRC AM Log lists it as "ethnic," web page shows only SS. **(HF-MI)**
- **790 WBLO NC Thomasville** 3/1 0657 –Mexican music with lots of trumpets as well as rooster crowing sounds. Went over ToH with no ID, but eventually gave a "Pepe 790" slogan at 0702. Good signal over top of WPIC-Sharon. (NjW-ON)
- **810 WHB MO Kansas City** 3/5 1907 "Sports Radio 810" slogan and talk on the KC Royals. Fading by 1917. One of them W's on the wrong side of the river. **(TLK-FL)**
- **830 WFNO LA Norco** 2/28 0500 No sign of usual WCCO on the channel, WFNO owned it with an S9+15 at times. **(FV-OH)**
- **840 WHGH GA Thomasville** 2/15 1819 In multi-station mix (WKTR, WHAS, UNID C&W and SS) with male announcer, "WHGH cloudy ... jams ... but I have to run ... Saturday ... at 6:35" **(KK-VA)**
- 850 WAXB CT Ridgefield 2/22 1628 In multi-station mix (WKNR, WYLF, UNID Fox sports, C&W and religion) with station promo "From Billy Joel to ... the all new B-107.3, Danbury's classic hits." (KK-VA)
 - +++ 2/14 1710 "Danbury's all new B 107.3" slogan, oldies, and "All new B 107.3 commercial free power hour," way over WEEI. (**TF-NH**)
- 860 WSBS MA Great Barrington 2/14 1720 "Your hometown station, WSBS" ID, some commercials, way under CJBC. (TF-NH)
 - WAOB PA Millvale 2/22 1759 In WFSI/CJBC mix with religious talk, male "WAOB Millvale ..." ID. (KK-VA)



- **870 WKAR MI East Lansing** 2/22 1806 In WHCU/WWL/R. Reloj mix with usual NPR programming. "You're listening to AM 8-70 WKAR" ID into "All Things Considered." **(KK-VA)**
 - WHCU NY Ithaca 2/22 1658 In WKAR/WWL (presumed with LSU basketball)/R. Reloj mix with Larry Kudlow Show, "Ithaca's radio home for Cornell lacrosse is news talk WHCU." (KK-VA)
- **880 WRFD OH Columbus-Worthington** 2/22 1801* In WPIP/WCBS mix with sign-off announcement mentioning "WRFD.com. Your home for life changing radio." **(KK-VA)**
- **890 WFKJ PA** Cashtown 2/22 1658 In multi-station mix (WKNV, WLS, UNID talk and SS) with "Hometown Radio" program, "this is WFKJ 890 AM radio Cashtown information ... working for Jesus for your listening pleasure" ID into Christian music program "CCM Classics." 1751* sign-off. **(KK-VA)**
 - WKNV VA Fairlawn 2/22 1743 In multi-station mix with religious songs, "Joy AM 8-90 FM 93.1" slogan and sign-off announcement at 1759*. (KK-VA)
- **900 WCME ME Brunswick** 2/17 1640 Beatles music, commercial for a seafood restaurant in Harpswell, ID for "WCME and Radio 9," into more music, fair signal. **(TF-NH)**
 - WCPA PA Clearfield 2/28 1859 In CHML/WILC mix with male "Your news, information and music station is WCPA Clearfield" ToH ID into ABC news. (KK-VA)
- 910 WFDF MI Farmington Hills 2/28 1738 In multi-station mix (WLAT, WRNL, UNID C&W and talk) with what sounds like Radio Disney type talk and songs with "here on Radio Disney" mention. 1742 ad for "downtown Utica" and "utica-events.com." This is strange, as there is no Radio Disney in Utica, NY. Turns out this is Utica, MI. (KK-VA)
- 940 WINZ FL Miami 2/28 1749 In multi-station mix (WKGM, WGRP, WADV, WMAC) with "The Finsiders." (Probably "Fin" as in "Dolphins" since station is in Miami.), "Madness happens here. 9-40 WINZ" (WINZ said as the word "wins") slogan and "Never get left out of the game. 940winz.com" station promo. (KK-VA)
 - WGRP PA Greenville 2/28 1853 In multi-station mix (WKGM, WINZ, WADV, WMAC) with male "... America's best music AM 9-40 WGRP" ID into oldie. (KK-VA)
- 970 WWRK SC Florence 2/17 0200 Over usual Louisville, caught hip-hop tunes and long ID for AM and several FM stations. "Swagger radio is the true meaning of Hip-Hop." (FV-OH)
 - WKCI VA Waynesboro 2/23 1830 Good with local ads, ID for // WKCY-1300. (DS-PA)
- 990 KWAM TN Memphis 2/25 0641 Nicely atop with a "do your own show" promo, 901 area code phone number given and a "K-Wam" ID. (DS-PA)
- **1020 WHDD CT Sharon** 2/24 1045 Fair with 1030 WBZ HD digital signal off; classical music, multi-station ID and Robin Hood Radio jingle on the hour into news headlines. **(BC-NH)**
 - **WIBG NJ Ocean City-Somers Point** 3/1 1800 Through KDKA; "... 101.3 FM and 1020 AM." **(BC-NH)**
- **1040 WYSL** NY Avon 2/25 2030 Oneonta College basketball, "live local basketball on WYSL," ad for Rochester's Hometown -?-, weak signal in WBZ and WEPN splatter, and mixed with CJMS. (**TF-NH**)
- **1060 WHFB MI Benton Harbor-St. Joseph** 2/25 1333 Local weather, call letter ID into Beatles "Can't Buy Me Love." Poor in mix with UNID religious station. (**HF-MI**)
 - WILB OH Canton 2/25 1800* Sign-off announcements with three call IDs and slogans "Living Bread Radio ... on AM 10-60 WILB," "Catholic Radio, The Truth for Northern Ohio." Mixing with KYW, WHFB and UNID old time gospel music station. (HF-MI)
- WTWN VT Wells River 2/22 1700 Out of segued contemporary Christian vocals with puzzling (at the time) ID "WJSO Pikeville" and several mentions of Moody Radio. More Christian songs till 1712, when into bouncy SSB by choir or small chorus, followed by woman with "WTWN Wells River-St. Johnsbury, The River of Life" and off at 1714*. Thanks to the endless wonders of Google, I later found out that WJSO is a Moody Radio FM outlet in KY. (BH-MA)
- **1120 WKAJ NY St. Johnsville** ¾ 1800 Fighting KMOX (and losing), "all your favorite songs ... thanks for listening to WKAJ AM 1120" ToH ID. **(MKB-ON)**

- **1130 WISN WI Milwaukee** 2/27 1801 Man taking a phone call from a woman on "newstalk 1130 WISN." Also took a phone call from Jeannie in Oshkosh at 1803. No sign of usual WBBR-New York or WDFN-Detroit at this time. **(NjW-ON)**
- **1140 WVEL IL Pekin** 2/27 1802 Poor with World Missionary Evangelism program over a weaker WRVA-Richmond. No ID heard, but matches what their website says they are playing and makes sense based on the conditions. **(NjW-ON)**
- **1160 WCFO GA East Point** 3/1 0700 ID: "the home of Mark Levin, Michael Savage ... serving Marietta, Conyers and all of metro Atlanta, this is WCFO." With WCVX-Florence. (**NjW-ON**)
 - **KVCE TX Highland Park** 3/5 1900 Excellent signal with "KVCE, Dallas-Fort Worth" ID into SRN News. Into business geared program from 1902. **(TLK-FL)**
- **1180 WWRX RI Hope Valley** 2/24 1702 Very weak with WHAM in partial null: "WWRX Hope Valley and WBMW-106.5, your home for good times and great oldies." Continued with, sure enough, oldies. This was formerly WCRI, a classical music station. **(BH-MA)**
- **1200 WRTO IL Chicago** 2/27 1759 Over WCHB with PSAs in Spanish. Legal ID in Spanish at ToH. (**NjW-ON**)
- **1220 WLPO** IL La Salle 2/27 1800 "We've always been with you ... classic hits 103.9 WLPO" ID in between songs by The Hollies and Michael Jackson. Weak with no sign of WHKW-Cleveland. (NjW-ON)
 - WHKW OH Cleveland 2/24 1836 Faith and Liberty Show with host Dave Garrison; phone interview mainly about Obama's view of the country, ads for OH Christian University, no call letter ID noted. On top of frequency; no change in signal strength/quality after ToH when pattern change or power cut might be expected. (HF-MI)
- 1230 WBET MI Sturgis 2/20 0500 Announcer with ID "ESPN Radio 1230, WBET Sturgis." (FV OH)
 - WENY NY Elmira 2/19 1700 Atop mess for a moment with ID for WENY-1230 and WENI-1450 and "You can enjoy the same programming on both stations" then gone. (TF-NH)
 - +++ 2/25 2151 Atop the jumble with "The best talk ... NewsTalk 1230 and 1450 [WENI] ... or you can donate to Heritage for the Blind." (BH-MA)
 - WYTS OH Columbus 2/27 2200 Lead up to TOH, announcer with "This is your Fox Sports Station, WYTS," then faded. (FV-OH)
- **1240 WSDR** IL Sterling 2/27 1800 ToH ID: "your choice for the information you need every day, WSDR-Sterling" followed by CBS news. Caught in mess with CJCS-Stratford. (NjW-ON)
 - **WBAS** MA West Yarmouth 2/28 0400 Atop the mess; "AM 1240 WBAS West Yarmouth," and news in Portuguese, ex-WBUR. (BC-NH)
 - WHIZ OH Zanesville 3/1 0700 ToH legal ID and ABC news. (NjW-ON)
 - WTPS VA Petersburg 2/27 2200 Male announcer with "for over ?? years WTPS Petersburg your ??? station." (FV-OH)
- **Washington** 3/2 0600 Fair; "Only the best conservative news and opinions from across the country, 1260 WRC also brings you local news, up to the minute traffic ... and AccuWeather, your home for conservative talk, the best conservative news here in Washington, 1260 WRC, WWRC Washington, WKDL Warrenton, a service of Salem Communications, SALM on Nasdaq, available everywhere at 1260WRC.com," into SRN news. **(BC-NH)**
- **1270 WMKT MI Charlevoix** 3/2 1800 Ending Liberty Nation program then ad for Inventor's Kit then Fox news. Poor to fair signal with full ID. **(HJH-PA)**
 - WILE OH Cambridge 2/21 1800 Full ID at TOH. Weak with sports format. New and long wanted. (HJH-PA)
- **1280 WJST PA New Castle** 2/21 1744 In strong with ads for Laurel Eye Clinic and Shop n' Save in New Castle. ID then into sports format. **(HJH-PA)**
- **1290 WNBF NY Binghamton** 3/1 2320 Poor with ad for employment at a car dealership, ID as "News Radio WNBF." **(PS-ON)**
- **1300 WCKI SC Greer** 2/20 0500 PSA into announcer with 5 time "pips" mentioning "This is Catholic Radio for South Carolina. The ??? WCKI Greer, 730 WLTQ Charleston," into religious show. **(FV-OH)**
- **1330 KWLO IA Waterloo** 2/19 2200 Under semi-local WFIN heard ID by male announcer "KWLO Waterloo-Cedar Falls." **(FV-OH)**

- WSPQ NY Springville 2/27 2220 Oldies, possible ID lost to static, more talk, ID heard at 2222 "WSPQ" into "Like a Prayer" by Madonna. Poor mixing with possible WFNN. Lousy conditions this night, but lots of NY stations booming in. (PSON)
- **1360 WOEN NY Olean** 2/19 1900 Slogan, "This is where all the good songs have gone." Full ID, "WEHH, Elmira Heights ... Olean ..." and another station that I suspect to be Salamanca. Into unid news service. No call for 1360 heard. **(HJH-PA)**
 - **WWOW OH Conneaut** 2/19 1900 Fair signal with "Dominique" by the Singing Nun, "WWOW Conneaut" jingle, then into song "Young Girl" by Gary Puckett. **(HJH-PA)**
- **1380 CKPC ON Brantford** 2/25 2045 Oldies "Live from the Lounge," selection by the Laurie Bowers Singers (Canadian artists?), other easily recognized oldies. "The Lounge" is the name of the program, "featuring classic singers" according to the female DJ, mixed with NBC Sports probably from WABH and some ethnic program not Spanish probably from WKDM, who has a CP for 13,000 watts nights and a forest of new unpainted towers at its site in the Jersey Meadows right next to NJT's rail spur to MetLife Stadium. **(TF-NH)**
- **1390 WMPO OH Middleport-Pomeroy** 3/1 0659 Ohio Department of Health PSA. ToH ID: "this is WMPO Middleport-Pomeroy, ESPN 103.7 and AM 1390, the Game" into Buckeye Sportsman program. No sign of usual WNIO-Youngstown. (NjW-ON)
- 1400 WSTC CT Stamford 2/27 1831 Faded up over WHGB with pledge drive, "WSHU" IDs, man with time check and weather, into 'Marketplace' program. (NjW-ON)
 - WHGB PA Harrisburg 2/27 1830 "Sports radio 1230, 95.3 and 1400" ID into pre-game show for Penn State vs. OSU college basketball. (NjW-ON)
- **1410 WDOV DE Dover** 2/27 2050 On top of the frequency with University of Delaware lady Blue Hens basketball vs. Hofstra. (**NjW-ON**)
- **1420 WNRS NY Herkimer** 2/24 0600 Fair; "1420 AM WNRS Herkimer-Utica-Rome, coming up after Imus it's time to sing along with good times and great oldies on the cool oldies station, WNRS," into local news, "... on 1420 AM The Fox." **(BC-NH)**
 - WCED PA Dubois 2/19 1823 Slogan, "Your only local news service." 96.7 and 107.9 FM ID's. Local newscast at this time. Fair signal. (HJH-PA)
- **1430 WXNT IN Indianapolis** 2/26 2243 Presumed with ads, sports news, many "CBS Sports 1430," "CBS Sports Radio" non-ID's. Good to fair. **(PS-ON)**
- **1440 WMAX MI Bay City** 2/21 2352 EWTN, Ave Maria Radio, "14-40 WMAX the Catholic Voice of the Tri-Cities" slogan. On top, but did not interfere with hearing the WFNY test. **(HF-MI)**
- **1450 WNBP MA Newburyport** 2/21 1721 Station promo for morning lineup then slogan, "The music you grew up with" ID heard. Fair signal over mush. **(HJH-PA)**
- **1460 WDDY NY Albany** 2/28 1800 Fair; "This is WDDY 1460 AM, Albany, bringing you words of peace and goodness," and EWTN, ex-*R.Disney*. (BC-NH)
- **1540 KXEL IA Waterloo** 3/5 1918 Mark Levin Show, Red Eye Radio promo "... on News Talk 1540 KXEL" at 1920. Co-channel Radio Bahamas poking through. **(TLK-FL)**
 - +++ 2/28 0500 Fair; "Beginning March 1st, ABC news is out, Fox news is in, News/Talk 1540 KXEL Waterloo-Cedar Falls," into ABC news. (BC-NH)
- **1550 WRHC FL Coral Gables** 2/24 0501 Fair; talk in Spanish, then new age bumper music to ID, "WWFE 670 AM Miami. Esta es La Poderosa, 670 AM ..." New log. **(BC-NH)**
 - WKBA VA Vinton 2/27 1726 Presumed with religious programs, 1730 non-ID as "AM 15-50, AM 13-90 and FM 106.7." Mixing with CBEF and UNID jazz station. (HF-MI)
- 1580 WGYM NJ Hammonton ¾ 2359 Family Financial ad, another ad mentioning NJ, ToH ID "1400 WOND," ABC news, Migralex ad, weather report, ads for Coronary CTA/medical imaging company and reverse mortgages. Fair to poor mixing with CKDO. (PS-ON)
- **1670 WPLA GA Dry Branch** 2/24 2259 USDA PSA talking about pests with mentions of Georgia, Hope Hotline promo, ID at top of the hour "WPLA," Fox Sports news, many mentions of Fox Sports. Fair to poor fighting with CJEU. **(PS-ON)**

International DX Digest

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Trans-Atlantic DX

- **FRANCE** *France Inter*, Allouis MAR 4 0451-0500 Man and woman in French; mentioned Montreal. Brief bumper tune on the hour but no copy if ID. Fair+ at tune-in but rapidly deteriorated to near impossible by 0500. [Frodge-MI]
- 183 **GERMANY** *Europe 1*, Felsberg MAR 4 0501 Tentative 'Europe Un' ID into talk by man and woman in French. Poor but better than 162 France. [Frodge-MI]
- 216 **FRANCE** *RMC* Roumoules MAR 5 0424 Man in French. Fair peaks with CLB Wilmington beacon interference. Best one on LWBC at this time very unusual. [Frodge-MI]
- 234 **LUXEMBOURG** *RTL* Junglinster MAR 5 0429 Man and woman in French. Poor with 236 4L Chatham beacon interference. [Frodge-MI]
- 621 **CANARY ISLANDS**//**SPAIN** *RNE1* synchros FEB 15 0320 Spanish news talk, frequent fair signal peaks. First time heard since Feb of last year. [Beu-TX]
- RUSSIA Vesti FM, Tbilisskaya MAR 7 2250 Mostly under TalkSport; talk in Russian, faded on the hour but could still hear music and announcement leading up to time pips through TalkSport. VOR used to sign-off at 2100. Per Sylvain Naud at RealDX, "I have it here and this is clearly Russian. MWList shows Vesti FM from Tbilisskaya which runs 24/7. I think I have it on 1215 as well. A major change compared to the ex-VOR limited schodule." I Carri NIII.
- to the ex-*VOR* limited schedule." [Conti-NH]

 1089 **UNITED KINGDOM** *TalkSport* synchros MAR 7 2259 Fair; promo, "On TalkSport nationwide... Go behind the headlines every Sunday night." [Conti-NH]
- 1215.18 **ALBANIA** *CRI* Fllakë MAR 7 2250 Loud het against *Absolute Radio*; off at 2300 UTC. Measured 1215.187 kHz. [Conti-NH]

Pan-American DX

- **CUBA** *R.Rebelde*, Maisí and Sancti Spíritus FEB 23 0500 Receiving both stations with a couple seconds of delay between them, creating double splash attention signals during news, then an echoed national anthem. [Conti-NH]
- 540 **MEXICO** XEWA *Los 40 Principales*, San Luis Potosí, SLP FEB 27 0401 Fair; contemporary hit music, hyper female DJ and jingle. [Conti-NH]
- 640 **CUBA** *R.Progreso,* La Habana-Guanabacoa//Las Tunas FEB 24 0434 Man in Spanish with "Música romántica de Cuba." On top and better than parallel 4765 kHz. [Frodge-MI]
- 650 **CUBA** unID FEB 26 0502 Heard beginning of Cuban national anthem; buried under WSM. Not *R.Rebelde* checked 5025 kHz. [Frodge-MI]
- 690 **COLOMBIA** HJCZ *W Radio*, Bogotá FEB 24 1000 Under *R.Progreso*; W Radio theme music into news. [Conti-NH]
- 690 **MEXICO** XEN México, DF FEB 24 1214 Fair with talk program, "And You... What Do You Think?" hosted by Nino Canun. Confirmed via webstream. [Dau-NE]
- MEXICO unID MAR 4 0642 "Ghost Riders in the Sky" on keyboard, 0643 time check in Spanish for 17:1, another upbeat banda tune. Dominant signal, loops northeast/southwest, and seems KGGF Coffeyville is no longer leaving its carrier on overnight. Central Time check rules out Los Mochis and Tijuana, and XEN is mostly news/talk, so that leaves XERG Monterrey likely. I kept listening for ID, but brain dozed off shortly. [Hauser-OK]
- MEXICO XEJCC Cd. Juárez, Chih. MAR 3 1355 Looking for KDWN on day pattern after 1345, but instead a quick "Extremo 720" ID which we know is XEJCC, as in WRTH and IRCA with only 1 kW fulltime; while Cantú still hasn't corrected typoed night power as 1,0000. [Hauser-OK]
- 750 **MEXICO** XETI Tempoal, Ver. MAR 2 0151 Immediately upon rotating the DX-398 away from strong WSB signal, I hear "Huasteca." That was easy: XETI as heard before the usual occupant of this position, and suspected on day power of 10 kW rather than 250 W night. [Hauser-OK]
- VENEZUELA YVMN *R.Coro*, Coro FEB 24 0500 Under WBBM; *R.Coro* jingle. At 0959, "En su... despacho/s no caminará en la oscuridad [si] no tendrá luz de vida eterna, palabra de Dios." Henrik Klemetz of RealDX states further, "As I feel it, this is not gospel-like but

- rather some esoteric stuff." Likely Venezuela, with *R.Coro* typical on this frequency. Phone numbers repeated later, but signal lost to WBBM and adjacent channel interference. [Conti-NHI
- 800 **COLOMBIA** HJBW RCN Bucaramanga, Satander del Sur MAR 6 0039 – News items, RCN and RCN.com.co mention, Spanish vocal fill 0055. TWR Bonaire co-channel by then. Listed as still a simulcast at the bottom of the web page. [Krueger-FL]
- XEM Chihuahua, Chih. MAR 2 0145 As I tune in, "103.7 FM, información 850 oportuna en Milenio Radio," then apparent tribute to someone named Porfirio. This is of course XEM, 5/1 kW, and a regular here. At first it's equal to KOA, mutually nullable with SAH of 5 or 6 Hz, then even surpassing KOA. [Hauser-OK]
- YVRQ Caracas MAR 2 0300 Under WRNL; signature 910 repeating chimes of three descending notes. [Conti-NH]
- 939.875 MEXICO XEQ Mexico, DF MAR 4 1000 Good; telephone talk through the hour without ID break, talking about "Los 40 Principales" among other things. [Conti-NH]
 - CUBA R.Guamá, Pinar del Río MAR 2 0500 Under WDCX; chimes and national anthem, 990 parallel 1070 kHz. [Conti-NH]
- HJNW CARACOL Radio, Cartagena MAR 6 0026 Man and woman 1170 alternating news items, 0030 "CARACOL Colombia" ID. Caracol.com.co has an "Emisoras" link with a map of the stations and affiliates pinned. [Krueger-FL]
- XERT Reynosa, Tamps. FEB 27 1323 I'm getting Spanish with KFAQ Tulsa 1170 nevertheless nullable, but making a 1.6 Hz SAH with what's left of it. Greeting celebrants of wedding anniversaries and playing a tune. I thought I heard a place name, "Alton," mentioned which had me going as a possible U.S. station around St. Louis; 1332 "Ke Buena" ID in passing; but 1335 Mexican federal PSA's, and fuller "Ke Buena 1170 AM" ID, which is the name of XERT, 5 kW daytimer, per IRCA. 1358 recheck: still getting some Mexican music with KFAQ nulled. Enid sunrise was 1305 UTC, now hastening 10 minutes earlier every week. [Hauser-OK]
- MEXICO XEP Cd. Juárez, Chih. FEB 23 1354 Música and "Radio Trece, La Más Grande." 1300 [Hauser-OK]
- XECPN Piedras Negras, Coah. FEB 27 1338 Vamp music loop, 1339 two **MEXICO** 1320 Spanish guys chatting; CST time checks several times at 1345, 1347, 1354; barely make out a Coahuila state PSA at 1352, vamp music loop again at 1353, more chat, so it's the expected closest one, 10 kW XECPN. Very fast SAH thruout, probably caused by my nearest, KCLI Clinton OK, which is obviously perpetually off-frequency during daytime groundwave dominance with its far-right agenda. [Hauser-OK]

Contributors

Mike Beu KD5DSQ, Austin TX; Drake R8B, terminated Delta antenna (17-ft apex and 28-ft base) northeast, mini-Flag Antenna (7 by 15-ft) southeast.

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

Rick Dau, South Omaha NE; Kenwood R-5000, Quantum QX Pro loop.

Harold Frodge, Midland MI; Drake R8B, 125-ft bow-tie, 85-ft random wire, 180-ft center-fed random wire.

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

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

International News

CZECH REPUBLIC: It was officially announced that the Topolna longwave transmitter on 270 kHz will stay in operation for another 3 years but not without changes. Current high power transmitter (750 kW) will be replaced by a new 50 kW transmitter. [Karel Honzik, *mwdx*]

ISRAEL: GalGalatz, an FM station of Galei Tzahal, is now relayed on 3291 kHz. [Karel Honzik, RealDX1

ST. KITTS & NEVIS: 820 R.Paradise reported on the air, logged January 27 by Anker Petersen while on a Caribbean cruise vacation. [ARC mv-eko]

UKRAINE: 549 kHz reactivated, initially reported as 972 re-tuned to new frequency. [Kai Ludwig, dxld yg via mediumwave.info] Later received on both 549 and 972 kHz. [Mauno Ritola via mediumwave.info] Likely the former UR2 Kyiv transmitter on 549 reactivated.



Radio on the Reservation: Native Americans Tune in to an Old-Fashioned Technology that Keeps Languages and Communities Alive

By Tristan Ahtone for Al Jazeera America (via Ron Schiller)

Dust and diesel smells hung in the air as an 18-wheeler blasted through the tiny village of Kykotsmovi on the Hopi Reservation in Arizona. Just off the road, a dog whined before lying down in the sun. A light breeze blew sand off a nearby mesa, sending it to ping and shuffle against the khaki sagebrush. Then through the settling silence, the sounds of radio static — and suddenly, the voice of an announcer from the Winter Olympics in Sochi, Russia.

Arvin Fredricks put down his carving tools and turned up the volume.

"That's my constant companion, the radio," he said. "It's all coming to me by way of this little box that's playing it out to me, and I'm doing something else that I love to do."

Fredricks owns a tire repair shop, but when nobody swings by for a quick fix or to air up, he carves wooden katsinas, little dolls of religious deities to the Hopi and artistic curiosities to tourists.

"This is what I do," said Fredricks. "Especially when it's a nice day, you're out here in just your T-shirt, just waiting for a customer, and there's my radio."

About 7,000 people call the Hopi Reservation home, living in 12 villages spread across three mesas, nestled within the boundaries of the Navajo Nation in the northeast corner of Arizona. It's isolated and sparse and boasts dramatic landscapes as well as limited access to Internet and even phone services.

As access to instant digital media and news spreads across the United States, tribal radio stations are a rich example of just how the digital divide continues to separate Native America from the United States and how tribes use technology often seen as outdated to bridge that gap.

"There aren't the basic emergency response services. There's no fire department on Hopi," said Richard Davis, manager for radio station KUYI, 88.1 on the dial, serving the Hopi reservation. "When there's a wildfire, we're going to be the only people that let folks know where it's burning. When there are icy road conditions, we're going to be the only folks letting people know where to drive a little more safely."

When floods hit the reservation in 2009, KUYI became the lifeline many communities needed to survive. For nearly three weeks, plumbing was wiped out on one mesa, and the station broadcast where people could use bathrooms and get water. A year later, a blizzard left five-foot snowdrifts across the reservation, and KUYI became the only way tribal members knew where to pick up food air-dropped by the National Guard.

"Outside in the mainstream culture, a lot of folks think radio is dead, but tribal radio is very strong," said Davis. "We really are the lifeblood of what's going on."

According to a 2012 Federal Communications Commission report, "Community-oriented and truly effective deployment of communications technologies within Indian Country has the potential to level the negative social, cultural and economic impacts that history has caused Tribal Nations and Native communities to endure."

Anecdotal evidence suggests that only 10 percent of Indian Country has access to broadband Internet service. For example, on the Navajo Nation — an area about the size of Ireland — only about 20 percent of the population has access to broadband or 4G cellphone services, making technology like radio vital to tribal members.

"Native radio is growing, and until the broadband landscape changes in Indian Country, terrestrial radio stations are still very necessary to our communications needs," said Loris Taylor, CEO of Native Public Media (NPM). "There's a lot of darkness across Indian Country that we are trying to overcome."

"Tribal stations are unique voices in the diversity and localism landscape of the radio dial," said Geoffrey Blackwell of the FCC's Native Affairs and Policy. "New radio licensing provides Tribal Nations the ability to preserve and advance their languages and cultural values through a communications medium, to increase economic development opportunities through advertising and promotion, to provide job training and employment and to promote the further adoption of new technologies, such as broadband."

In places like Alaska, geographic isolation makes radio stations essential to linking communities while providing an outlet to the public's needs.

"We are the only radio station in about 94,000 square miles," said Jeff Seifert, station manager for KBRW in Barrow, Alaska. "So we have a lot of folks listening to us for all sorts of reasons — for news, weather, sports, you name it."

Barrow is the northernmost city in North America and lies about 1,300 miles south of the North Pole. The town is the hub for seven villages — Anaktuvuk Pass, Atqasuk, Kaktovic, Nuiqsut, Point Hope, Point Lay and Wainwright — and is home to the Iñupiat people.

"Compared to other radio stations I've worked at, this is a very spiritual area — a lot of religious programming that you wouldn't find on other public radio stations," said Seifert. "We have a lot of programming in the religious vein that's in both the English and Iñupiat language, a lot of song singing and translation of anything English into Iñupiat."

"If you look at the history of Native Americans, there were huge efforts — not just by the federal government but by other parties — in trying to do away with tribal identities through the prohibition of having native youth speak their own tribal languages," said Taylor. "So what I see radio stations really symbolize is freedom to reclaim our identity, to speak our language on the airwaves and the power of having our voices be heard in our ancestral language."

Currently 53 Native stations are broadcasting across the country, and it's estimated that 92 percent of tribal radio stations create local programing, 75 percent produce hyperlocal news and 70 percent air tribal programming. According to NPM, 57 percent of stations are broadcasting in their local tribal language.

"We're trying to work harder to get more language in, but it's been a challenge because there are so few speakers," said Margaret Rousu, general manager for Niijii Radio on the White Earth Reservation in Minnesota. "Language is incorporated in a few different ways in the station, and we're actually working to incorporate it more because we feel, as a native station, we don't have enough right now."

Currently, Niijii Radio broadcasts programs like Dibaajimowin — which is an Ojibwe word that means "telling stories" or "to tell something" and which explores the history of the community, plays stories in Ojibwe and facilitates translation from English to Ojibwe. The station is looking to create more programming in Ojibwe and is working with the local Head Start program to bolster language proficiency in the community.

"I want to say we have maybe four speakers on our reservation who are fluent, and the other speakers that we have, they are still learning," said Rousu. "We know we haven't gotten to the point where we need to be on that yet."

Despite the role tribal stations play when it comes to being a first responder for isolated communities or strengthening tribal languages and cultural values, keeping the lights on is always a struggle.

Over half of tribal stations operate on annual budgets of about \$200,000, and NPM estimates that about 20 percent of those stations work with closer to \$100,000 a year to run.

Of 53 tribal radio stations currently broadcasting, 35 rely on funding from the Corporation for Public Broadcasting. In 2014 that translated to about \$4.5 million among 35 stations.

"And this was after a 5 percent decrease in funding during the federal sequestration," said NPM's Taylor, who added that it would probably be the same amount of funding in 2016, though it was hard to tell because of ongoing debates over the federal budget.

"We're not just looking at sequestration. We're looking at a budget deficit," she said. "We know that there are continuing talks about how to address the budget in its entirety, so we're quite frankly hoping that the funding will remain constant for these stations."

With previous and possible future cutbacks, tribal stations continue to find other ways to pay the bills, like underwriting and pledge drives. However, the next few years are crucial for stations like KUYI on the Hopi Reservation, where the digital divide continues to divorce tribal members from relevant information in their own communities as well as the mainstream culture.

From KUYI's 20-year-old faux-wood-paneled double-wide trailer, DJ AG — otherwise known as Aldric George — adjusted a microphone and cued a CD. Off air, George works as the Hotevilla youth and elderly coordinator. He also participates during the Hopi cultural and ceremonial calendar.

George took a breath, adjusted his audio levels and opened his microphone to broadcast the community calendar in both Hopi and English: The Hopi veterinary service has reopened. A country-western dance is just around the corner. There's been a small change to the community health transportation program's schedule.

Then George hit "play" on his CD and a Native American Church song went out — the shaking of a rattle, the gentle pounding of a drum.

"The community would survive without us, but it would be put in danger," said Richard Davis. "We're doing revolutionary work here. Every day that the tower is lit and the language is going on air is another day where the extirpation of a culture isn't occurring."

Full text: http://projects.aljazeera.com/2014/reservation-radio/

National Radio Club

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