

DX News

Serving DX'ers since 1933



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DX Test: As you'll see herein, WBOB-600 Jacksonville FL ran a successful DX Test on January 10. We didn't get word of it until shortly after last issue went to press, but it appears that at least some learned of the test in time to hear it.

In any event, thanks to J.D. Stephens for arranging the test, and to Jerry Smith, the CE at WBOB, for putting it on. If you've requested a QSL, please be patient!

For more info on DX Tests, check out the website maintained by the IRCA/NRC DX Test coordinator, Brandon Jordan, <http://dxtests.net/>.

Oops: Last issue I mentioned several members who have been part of a multiyear project to scan back issues of *DX News* for the archives. Wayne Heinen pointed out that I neglected to mention James Niven, who's also been a major contributor to this effort. So thanks to Jim too, and sorry for my error!

Convention: We have hotel reservation info now – see page 23 for all the details.

WRTH Raffle: As mentioned last issue, the club has four copies of the 2016 WRTH and will make them available at \$12 for U.S. members (sorry, postage costs are too high for non-U.S. addresses). We'll distribute them by raffle – send a postcard or letter to NRC WRTH Drawing, PO Box 473251, Aurora, CO 80047-3251. We'll draw 4 names of NRC members in good standing, notify

you by phone if you wish, and then you can send \$12 shipping and handling. Deadline for your response in the PO Box is Saturday, February 13.

Membership Report

"Thanks for your continuing excellent efforts with *DX News*." – John Campbell ◦ "Renewing for my 45th year." – Nancy Johnson. ◦ "The *DX News* is the best mail I get." – Jim Paige. ◦ "Been a member since 1981." – Tony Fitzherbert.

New Members: Welcome to Norbert Cappel, Wake Forest, NC; Steve Green, Frackville, PA; Joe Smithson, Bono, AR; Scott Tacoma, Vista, CA.

Rejoining Member: Welcome back to Christian Breton, Sainte-Foy, Quebec; The Markarian Brothers O'Neal, CA.

Renewing Members: Thanks for the continued support of Jeff Ankstius; Shawn M Axelrod; Donald Craig Barnes; John Campbell; Steve Chudoff; Thomas E. Connatser; Shaun Curry; Dan Dankert; Anthony K. Fitzherbert; William Garman; Kenneth Goldman; Bruce Hackworth; John and Nancy Johnson; Robert N. La Vigne; Albert J. Mariani; Brian Miller; Jon M. Ohman; James N. Paige; Denis Picard; Gregory Renner; Thomas Root; George A. Santulli; David W. Schmidt; Cary Simpson; Douglas E. Smith; Jeffrey Steffes; Joseph G. Ursini; and Leslie Wood.

36th Edition of the National Radio Club's AM Radio Log Is Available and Shipping!

The NRC *AM Log* is a comprehensive list of AM radio stations in the United States and Canada, with all the information a DXer needs – power, schedule, format, slogan, networks, address, and more. And it's continually updated through the AM Switch column here in *DX News* (and Interim AM Switch weekly on e-DXN.com).

Order by snail mail by check or money order in U.S. funds to National Radio Club, P.O. Box 473251, Aurora, CO 80047-3251 or order using your Pay Pal account at www.nrcdxas.org. To U.S. addresses, \$22.95 to members, \$28.95 to non-members, add \$4.00 for Priority Mail delivery; to Canadian addresses it's US\$36.25 and overseas US\$41.75.

Volume 83 DX News Schedule

No	Deadline	Pub. Date	13	Mar. 18	Mar. 28	17	June 24	July 4
10	Jan. 29	Feb. 8	14	Apr. 8	Apr. 18	18	July 22	Aug. 1
11	Feb. 12	Feb. 22	15	Apr. 29	May 9	19	Aug. 19	Aug. 29
12	Feb. 26	Mar. 7	16	May 27	June 6	20	Sept. 9	Sept. 19

Publishers' deadline is 2400 ELT on Friday nights – *DX News* posted that weekend to e-DXN.com, and in most U.S. mailboxes on or around the Monday masthead date.



AM Switch

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

Official updates from the FCC and the CRTC

CALL CHANGES

- 1230 WGRY MI **Grayling** – Call change to WMQU (Jan. 15).
 1300 WMEL FL **Cocoa Beach** – Call change to WKQK (Jan. 8).
 1550 KBUD CO **Golden** – Call change to KKCL (Jan. 13, station is silent).
 1570 KKCL CO **Loveland** – Call change to KBUD (station is silent).



NEW STATION WATCH

- 1500 APP CA **Culver City** – Auction 84 winner further amends its proposed CP to U4 120/150 from 34-01-10/118-20-44 (i.e., down from U4 120/180 in the last version).

STATIONS GOING DARK

- 950 KSEW AK **Seward** – License cancelled Feb. 1, 2014 but has been maintained in CDBS as “licensed and silent” until now, when it is finally deleted.
 1600 WRJE DE **Dover** – License cancelled per Jan. 2 letter from licensee to FCC.

CONSTRUCTION PERMITS FOR EXISTING STATIONS

CPs fully licensed and on the air:

- 1340 KIKO AZ **Apache Junction** – CP for U1 1000/930, ex-Miami AZ, is now fully licensed, has actually been on the air from here for about a year.

CPs built, nearing final licensing:

- 820 WCPT IL **Willow Springs** – Applies for license to cover CP for U2 5800/1500, new day site.

Application for CP:

- 790 WAYY WI **Eau Claire** – Applies for U1 5000/125, correcting coordinates to 44-49-47/91-26-48. (Dropping to less than 250 Watts night makes the station Class D and eligible for the first round of translator moves.)
 1000 KKIM NM **Albuquerque** – Applies for U1 10000/53, moving to tower of KXKS-1190 and KIVA-1600 at 35-03-04/106-38-34.
 1310 KKNS NM **Corrales** – Applies for U1 5000/74, moving to KRZY-1450 tower.
 KAHL TX **San Antonio** – Applies for U4 5000/249. (That is, less than 250 watts night.)

Amendments to pending applications:

- 1550 WCSJ IL **Morris** – Has an application for D1 280 at 41-50-10/88-24-45, CoL to Geneva IL; then, with deletion of WZRK-1550, amended application to U4 885/6, remaining at current site and keeping CoL of Morris IL, now corrects that to U7 880/6 (ch 290). Still Morris IL (at least according to the application narrative; it still says Geneva in one place in the online form but that’s got to be a typo).

SPECIAL TEMPORARY AUTHORITY (STA)

- 980 KTCR WA **Selah** – Granted STA with D1 1000 from tower of KRSE-105.7.
 1170 KCBQ CA **San Diego** – Granted STA with U3 50000/2100, using day pattern 24 hours; cannot switch to night pattern.
 1240 KRAL WY **Rawlins** – Granted STA with U1 50/50, temporary wire at 41-47-04/107-15-47.
 1300 WJMO OH **Cleveland** – Granted STA with U1 1250/1250 during tower repair.
 1360 WHNR FL **Cypress Gardens** – Granted STA with U1 1250/625.
 1370 WXXI NY **Rochester** – Granted STA with U1 5000/1250, night phasor failure.
 1430 KEZW CO **Aurora** – Granted STA with U1 10000/1250, can’t switch to night pattern.
 1520 KKZZ CA **Port Hueneme** – Granted STA with parameters at variance; growing strawberries at the transmitter site has damaged the ground system.
 WLGC KY **Greenup** – Granted STA with D1 500 to return to the air.
 1570 KKCL CO **Loveland** – Granted STA with D1 50 from longwire at 40-29-37/105-10-53.
 WMVX MA **Beverly** – Applies for STA with U1 12500/115 from the site of its pending application for U1 50000/460, CoL to Methuen MA; will lose licensed site Feb. 1 and CP would be granted in early Feb. if no opposition is filed.

1590 WFBR MD Glen Burnie – Granted STA to operate without sample lines.

Applications to extend existing STAs were received from WNSR-560 Brentwood TN (U1 1125/75 from licensed night site); WKAQ-580 San Juan PR (U1 10000/4500); WKZO-590 Kalamazoo MI (U1 5000/1250); KVNA-600 Flagstaff AZ (U1 1000/48 from temporary longwire); WXLW-950 Indianapolis IN (U1 1000/14); KIMM-1150 Rapid City SD (U1 5000/125 at site in pending CP application); WJUA-1200 Pine Island Center FL (U4 50000/2200 to overcome Cuban QRM); KEZM-1310 Sulphur LA (U1 125/12.5 from alternate site); KYYW-1470 Abilene TX (U1 5000/250); and WOBX-1530 Wanchese NC (D1 250).

Previously reported applications to extend existing STAs were granted to WETC-540 Wendell-Zebulon NC, WARM-590 Scranton PA, KIDD-630 Monterey CA, KDHL-920 Faribault MN, KSDN-930 Aberdeen SD, KOVO-960 Provo UT, KLIM-1120 Limon CO, WOBM-1160 Lakewood Township NJ, WJYE-1280 Gardiner ME, KAZA-1290 Gilroy CA, KTCK-1310 Dallas TX, KGMV-1400 Springfield MO, WVOM-1450 Rockland ME, and WINW-1520 Canton OH.

SILENT STATIONS

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

1270 WHGS SC Hampton – Silent Oct. 9, 2014, on the air Dec. 23, 2015 with U1 1000/218 STA. (Yes, more than a year silent – the FCC gave them a waiver for circumstances beyond the station's control.)

1370 KTPA AR Prescott – Silent July 22, 2015, on the air Jan. 6, 2016.

1520 WLGC KY Greenup – Silent Jan. 3, 2015, on the air Jan. 2, 2016 with D1 500 STA.

Stations informing the FCC that they are silent:

1150 WMNY PA New Kensington – Silent Dec. 8, financial and electrical difficulties.

1270 KFSQ CA Thousand Palms – Silent Jan. 13, new owners are moving the studios.

1330 WSPQ NY Springville – Silent Nov. 20 due to "catastrophic event at our transmitter."

1360 WGBN PA McKeesport – Silent Dec. 8, financial and electrical difficulties.

1410 WIHM IL Taylorville – Silent Dec. 26, damage from flooding.

According to WDTW-1310 Dearborn MI, they were on the air with D1 1000 from Dec. 16 to Dec. 19 to maintain their license, but have gone silent again pending full restoration of the towers. They plan to be back on the air at full power in February. Also, WAVL-910 Apollo PA was reported last issue by Bruce Conti, but is still listed as silent by the FCC.

Canada: No CRTC news to report.

NRC AM Log Updates

- 570 KLIF TX Dallas** – Add network C2C. (BH)
- 580 WGAC GA Augusta** – Networks to C/P/Ru/WW1/DR/CM/C2C.
- 590 KID ID Idaho Falls** – Networks to Fox/Ru/P/CM/C2C; Slogan & Group to // Newstalk 590 AM & 92.1 FM.
- 620 WZON ME Bangor** – Networks to C/WW1/PRN.
- 660 WLFJ SC Greenville** – Slogan to "Christian Talk 660," add // W225AZ-92.9; delete Group // Christian Talk 660.
- 710 WPOG SC St. Matthews** – Nets to IRN; Slogan/Group to // That the World May Know.
- 810 WWOS SC St. George** – Nets to IRN; Slogan/Group to // That the World May Know.
- 820 WWBA FL Largo** – Networks to A/TRN/Ing/RER.
- 850 KOA CO Denver** – Networks to A/Ru/P/DR/C2C.
- 870 WTIM IL Assumption** – Slogan & Group to // The Big 870 AM.
- 900 WIAM NC Williamston** – Slogan to "Carolina Classics."
- 910 WAVL PA Apollo** – Format to Rock (was Silent); Slogan & Group to // The Mountain.
- 920 WNJE NJ Trenton** – Format to SPT (ex-TLK/SPT); slogan to "920 The Jersey," nets to FSR.
- 930 WHLM PA Bloomsburg** – Slogan to "News Radio 930." (SK)
- 950 KRWZ CO Parker** – Format to NOS/Stunting (ex-OLD); delete slogan. (*This will go to SPT after sale – wh.*)
- WERL WI Eagler River** – Networks to SRN/TRN/Ru/P/C2C. (JJR)
- 980 CHRQ QC Montréal** – Format to AC/ETH (ex-ETH).
- 990 WRFM IN Muncie** – Format to REL (ex-OLD); adds // WRFM-FM-89.1.
- 1030 WNOW NC Mint Hill** – Change Group to // WNOW Group.
- 1040 WSGH NC Lewisville** – Change Group to // WNOW Group.
- 1080 WRYT IL Edwardsville** – Slogan & Group to // Heart of Jesus Radio.

1110	WTBQ	NY	Warwick	– Networks to A/WW1/MYL/MRN/PRN.
1160	WBYN	PA	Lehighton	– Format to SPT (ex-REL); slogan & Group to // ESPN Lehigh Valley.
1170	WQHC	AL	Hanceville	– Delete // WQOH-1480.
1230	WDWR	FL	Pensacola	– Networks to GRN.
	WEEX	PA	Easton	– Slogan & Group to // ESPN Lehigh Valley.
1240	WATT	MI	Cadillac	– Networks to C/Mi/Ru/TRN/Fox.
1250	WRKQ	TN	Madisonville	– Format to TLK (ex-Rock/OLD).
1260	WEKZ	WI	Monroe	– Slogan to “Big Country”; adds // W238CB-95.5.
1280	WBWX	PA	Berwick	– Slogan to “News Radio 930.” (SK)
1300	KAKC	OK	Tulsa	– Slogan to “The Buzz,” networks to CS/Jr/MRN.
1310	KAHL	TX	San Antonio	– Slogan & Group to // Call 1310.
1320	WTKZ	PA	Allentown	– Slogan & Group to // ESPN Lehigh Valley.
1320	WVNZ	VA	Richmond	– Slogan to “La 1320.”
1330	WCVC	FL	Tallahassee	– Networks to GRN.
1340	KQIS	AR	Bethel Heights	– Format to UC (ex-TLK); slogan to “Kiss 105.3.”
	KVBR	MN	Brainerd	– Networks to IRN/BTR/Mt/TRN.
	KJIV	SD	Huron	– Format to AC (ex-OLD/AC).
	KSGT	WY	Jackson	– Format to NWS/TLK (ex-SPT); networks to Fox/Ru/P/CM/C2C; slogan & Group to // Newstalk 590 AM & 92.1 FM.
1370	WLJW	MI	Cadillac	– Slogan & Group to // The Source.
1380	WKJG	IN	Fort Wayne	– Slogan & Group to // 106.7 The Fan. (SF)
	WWNT	NC	Winston-Salem	– Group to // WNOW Group.
1390	WEOK	NY	Poughkeepsie	– Slogan to “Juan 97.5 FM,” adds // W239AC-95.7.
1400	WLJN	MI	Elmwood Township	– Slogan & Group to // The Source.
	WATW	WI	Ashland	– Networks to SRN/TRN/Ru/P/C2C. (JJR)
1410	KQV	PA	Pittsburgh	– Format to NWS/TLK (ex-NWS); networks to A/CMP/RER. (SK)
1440	WNFL	WI	Green Bay	– Adds // W270AJ-101.9; deletes // W221DA-92.1.
1450	WLYV	IN	Fort Wayne	– Adds // W277AK-103.3.
	WHKP	NC	Hendersonville	– Adds // W299BZ-107.7.
1460	KHOJ	MO	St. Charles	– Slogan & Group to // Heart of Jesus Radio.
1470	WWBG	NC	Greensboro	– Group to // WNOW Group.
	WBTX	VA	Broadway-Timberville	– Format to GOS (ex-GOS/REL); adds // W271CC-102.1.
1480	WQOH	AL	Irondale	– Networks to GRN.
1490	WPNA	IL	Oak Park	– Slogan to “Radio Chicago.”
1500	KDFN	MO	Doniphan	– Format to TLK/VAR (ex-TLK).
1570	KDIZ	MN	Golden Valley	– Format to Health TLK (ex-BIZ); slogan to “Wellness Radio.”



New Groups

// 106.7 The Fan – WFGA-106.7, WKJG-1380, W265CY-100.9 (SF)
 // Call 1310 – KAHL-1310, KAHL-FM-105.9, K279AB-103.7
 // ESPN Lehigh Valley – WEEX-1230, WTKZ-1320, WBYN-1160
 // Heart of Jesus Radio – KHOJ-1460, WRYT-1080, KBKC-90.1
 // Newstalk 590 AM & 92.1 FM – KID-590, KIDG-92.1, KIDJ-106.3, KSGT-1340, K242BU-96.3
 // The Big 870 AM – WTIM-870, W234CE-94.1, W242BZ-96.1
 // The Mountain – WXMT-106.3, WAVL-910, W254BQ-98.7
 // That the World May Know – WWOS-810, WWOS-FM-91.9, WPOG-710

Renamed Group

// Radio Adoración has no new slogan after dropping SS:REL, so it becomes just // WNOW Group – WNOW-1030, W256BP-99.1, WWNT-1380, WSGH-1040, WWBG-1470.
 // WLJN Group becomes // The Source – WLJN-1400, WLJN-FM-89.9, WLJW-1370.

Deleted Group

// Christian Talk 660



Note from John Wilkins: **KVTT-1110** still running Hindi programming not SS REL. Noted several times the week of January 3rd while trying for a log on KEJL (got a tentative). Maybe the SS is yet to come. This was reported in last issue of *DX News*.

Thanks to Shawn Axelrod, Bill Hale (BH), Steve Kennedy (SK), Scott Fybush (SF) John Wilkins, John J. Rieger (JJR).

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> or, MW portions only: <http://forums.wtfda.org/showthread.php?6543-MW-DX-from-Enid-OK-by-Glenn-Hauser>.
- JJR-WI** **John J Rieger, South Milwaukee, WI.** Icom IC-R75 MFJ-959B tuner, preamp Kiwa loop
- JW-CO** **John Wilkins, Wheat Ridge, CO.** Drake R-8, 4-foot box loop
- KDF-IL** **Karl D. Forth, Chicago, IL** Sangean ATS-909
- RD-NE** **Rick Dau, South Omaha, NE.** Kenwood R-5000 +Quantum QX Pro loop antenna. 979 overall heard here
- SMA MB** **Shawn M. Axelrod VE4DX1SMA, VEPC4SWL Winnipeg, MB.** Icom ICR70 and Drake R8 3 Foot un-amplified box loop / Quantum QX LOOP v2.0 / 155 Foot U shaped outdoor wire / 100 Foot indoor wire run around the basement walls / MFJ 1026 Phasing unit

DX TEST

- 600 WBOB FL Jacksonville** – 1/10 0045 – On the R75 with E/W longwire, first check for the WBOB Jacksonville FL DX test which started at 0000. Really too much WMT on this antenna, so switch to DX-398 nulling WMT IA as much as possible, i.e. aiming SE instead of ESE, which leaves a mix of Cuba and who knows what. Soon I hear Morse code spelling out JACKSONVILLE, so I could stop right there; 0049 sweep tones; 0050 rising beeps, phone-off-hook pulses; 0054 fire alarm siren & bells; very slow Morse spelling out WBOB a few times; 0055 phone-off-hook; 0057 WBOB in Morse many times; 0058 sweeps upward; 0059 beeps upward; 0100 phone-off-hook; 0103 fire alarm; 0105 I hear a voice mention Jacksonville, but suspect it was coincidental at end of Fox "news" from WMT; etc., etc. Thanks for the test, reportedly with 35 kW non-directional day power and ND pattern rather than 9.5 kW out into the Atlantic normally at night. **(GH-OK)**
- 600 WBOB FL Jacksonville** – 1/10 0049 – Heard the DX test with sweep tones at 0049 and then Morse Code IDs at 0057. The first 48 minutes of the test were a no go here with all the talk from WMT and the country music from KSJB. Finally KSJB went into some ads and an early news cast and up popped the DX test. Maybe my mom was right, patience is a virtue and this time it paid off. NEW!! A big thanks to everyone who put on the DX test. I did get an email from the engineer confirming that I did hear the test so I am even more pleased with the results. Looks like it was heard by many DXers. **(SMA-MB)**

DX LOGS

- 550 KLLV CO Breen** – 12/2 1852 – Very good with traditional gospel hymns and ID: "This is KLLV in Breen, the radio...of the Four Corners." **(RD-NE)**
- 700 KHSE TX Wylie** – 12/30 1423 – On groundwave, Spanish religion, so KHSE Wylie TX. so far heard only in Spanish despite broadening format to ETH. **(GH-OK)**
- 710 WAQI FL Miami** – 1/3 1949 – Poor though steady. Alone. Sporting event and "Radio Mambi" and ads. **(JJR-WI)**
- 740 KATK NM Carlsbad** – 1/9 0811 – Engelbert Humperdinck, Johnny Mathis, etc.; occasional "740 AM KATK" IDs. Did not hear "The Hippo" slogan; don't know if they're still using it. Fair peaks, mixing with a couple of XE stations and no sign of KVOR. **(JW-CO)**



- 790 KNST AZ **Tucson** – 12/31 0844 – Weather, local ads, then back to local talk (Garrett Lewis); ID's as "Tucson's Most Stimulating Talk." Fair signal and on top for a while. (JW-CO)
- 790 KXXX KS **Colby** – 1/2 1400 – On car radio, C&W music past hour top, 1402 ID as KXXX, serving "generations of farmers and ranchers," 1403 into Fox "news," deliberately delayed? CCI from talk underneath, SAH of ~8 Hz, presumably KFYO Lubbock TX. Getting past 800 KQCV OKC is the obstacle though only 2.5 kW. Doing better than usual now in daytime. (GH-OK)
- 800 KQCV OK **Oklahoma City** – 12/28 0840 – KQCV is OFF! As of 1125 check, OG&E System Watch has more than 57K power outages across central OK; more than 8000 in OKC proper, many more in suburbs, including almost 4000 in Mustang, close to the KQCV site (and 1254 in Enid, but so far only a few power glitches here). 800 kHz still off 5 hours later. Even when KQCV is active in English in the evenings, gospel-in Spanish can be heard along with it, no doubt the super-powering TWR 800 Bonaire. XEROK 800 is still negligible but supposedly on the air at very low power. 12/29 0825 KQCV is back on, and probably considerably earlier, having been off at midday yesterday. Didn't get anything useful in its absence. (GH-OK)
- 880 KLRG AR **Sheridan** – 12/30 0830 – Good signal with multi-city ID including Little Rock, local ads and gospel music. Heard once at sunset 25 years ago. (KDF-IL)
- 940 KIXZ TX **Amarillo** – 12/30 0758 – Strong signal all alone when most of band was quiet. Heard with health care and Gold's Gym ads, ID and CBS news 0800. Not common. (KDF-IL)
- 990 KWAM TN **Memphis** – 1/3 1855 – Poor; promo: Catholic Café. "KWAM 990, the Voice of Memphis." No CBW! (JJR-WI)
- 1010 KXEN MO **St. Louis** – 1/1 0845 – "KXEN, Faith Talk for St. Louis" and into Joyce Meyer program. Was 50 kW daytime, but has been on much reduced STA of 350 watts. Sounds like more than that but less than 50,000. Not unusual here. (GH-OK)
- 1050 WNES KY **Central City** – 12/29 1823 – Fair with Tim McGraw C&W song "Down On The Farm," then ID: "WNES 1050 AM and 104.7 FM." (RD-NE)
- 1100 KNZZ CO **Grand Junction** – 12/24 2152 – Colorado ads way over WTAM, making fast SAH, Xmas music; KNZZ ID for sure at 2234, obviously cheating again with 50 kW ND at night. It does fade from time to time on car radio but not enough to clear the channel for Cleveland. (GH-OK)
- 1110 KFAB NE **Omaha** – 12/24 2130 – Mannheim Steamroller's 'American Christmas', annual special carried on many US MW stations, this one being KFAB Omaha, at times overridden on car radio by IBOC from 1120 KMOX peaking at 1107 kHz. Maybe there will be more airings Xmas day/night? Pushing their new recordings, of course. I enjoy their music and almost went to one of the two MS road tour groups' appearance recently at the new Enid Event Center, but decided the price was too high, and I'd have to bring my enclosing-the-ears headphones to deaden the dBs, thus also killing the hi frequencies, like I had to for "Tops in Blue" by the USAF (free). No other audio control by audience in an arena! (GH-OK)
- 1110 KEJL NM **Humble City** – 1/4 1850 – Hobbs ads, rock music, "The Eagle 100.5" slogans; no other ID's heard. Fair at best in the null of KFAB. (JW-CO)
- 1110 KVTX TX **Mineral Wells** – 12/31 0850 – Qur'an bits alternating with talk (translation?) in non-Arabic language, maybe Punjabi or Urdu, from KVTX. (GH-OK) 1/7 1801 – Fair/good topping KEJL; no sign of KFAB. Legal ID at 1801: "You are listening to a 50,000-watt station, KVTX 1110 AM Mineral Wells-Dallas-Fort Worth, FunAsia Radio, powered by atomic energy;" English ads followed, including one for a theater showing only Hindi-language movies; went into Asian language program at 1806, presumably Hindi. Supposedly to become SS but still Hindi as of 11 January. (JW-CO)
- 1120 KETU OK **Catoosa/Sperry/Tulsa** – 12/29 circa 1400 – Off air; weather-related? Maybe. 12/30 1425 – Spanish, with OSU PSA and 918 area code, so KETU, La Ketú is back on following yesterday's outage (more reliable now that it's not just music fill, but still subject to absences for no particular obvious reason like power failure). (GH-OK)
- 1120 KTXW TX **Manor** – 1/8 1759 – Legal ID by man at 1759:30: "KTXW Manor-Austin. This is Today's Christian Talk 1120 The Bridge," followed by SRN News. Signal up and down in KMOX null. (JW-CO)

- 1130 KLEY KS **Wellington** – 12/26 0854 – Open carrier/dead air from KLEY Wellington KS on groundwave. 12/27 2223 – Open carrier/dead air from NE/SW, surely my semi-local KLEY, supposed to be 250 watts daytime and PSRA, ONE WATT at night. Ditto at 0134, but by 0843 it's recovered. **(GH-OK)**
- 1200 CFGO ON **Ottawa** – 1/5 0719 – Fair! TSN 1200 High -11, now -14 at Sportsradio TSN 1200. Alone. **(JJR-WI)**
- 1210 KGYN OK **Guymon** – 12/25 2045 – "Today's Best Country, 12-10 KGYN," into Xmas music. 10 kW station is back to old tricks, failing to protect Philadelphia at night as has been the case for a few nights now. They still have a CP for 50/39/10 kW, which if it ever happen, will give them the option of cheating with 50 kW non-directional night as well as day. Why not? Other stations get away with it, like KNZZ 1100. **(GH-OK)**
- 1230 WBBZ OK **Ponca City** – 12/29 0854 – Nothing but fill music on this now-talk station until 0900 sharp, no ID and into CBS News; steady groundwave already over the graveyard, certainly our nearest, WBBZ. Talk after the news probably Beck. **(GH-OK)**
- 1250 KOFC AR **Fayetteville** – 12/23 1744 – Fair with "Something Good Radio" REL program via Bott Radio Network // KLCV 88.5. Bott Radio's website shows KOFC as the only 1250 on the network. **(RD-NE)**
- 1270 KINN NM **Alamogordo** – 12/30 0818 – Ad for Star of the Morning in downtown Alamogordo; weather, then back to America's Morning News. Fair/poor. **(JW-CO)**
- 1310 WIBA WI **Madison** – 1/1 0838 – "1310 WIBA News time," football report, atop frequency. One of my former locals, 5/5 kW U2. Day pattern is ND; night somewhat skewed toward the north. Then at 0839, I check another Madison frequency, 1670 and WUSW is in well as often with sports talk. Official sunrise in January is 0830. **(GH-OK)**
- 1320 KLWN KS **Lawrence**– 1/6 0822 – Man says "1320 KLWN Lawrence, depend on us. Broadcasting live from the Prairie ?? Casino studios," followed by ads. Rough in QRM. **(JW-CO)**
- 1330 WEBY FL **Milton** – 12/11 1850 – Very good with mention of "Highway 29" in last ad of a stopset, then ID: "...1330 WEBY, Northwest Florida's Talk Radio." **(RD-NE)**
- 1330 KPTY IA **Waterloo** – 1/2 0750 – Pop music, canned "107.3 The Party" slogans; no other ID heard. Fair, mixing with others. **(JW-CO)**
- 1330 KCKM TX **Monahans** – 12/25 2043 – Ads for something in Vegas(?), so I perk up in case this is all the way from Nevada --- no, next ad is for Monahans, so KCKM must have been referring to Pecos (pay-kuss), next town down I-20 (and not Vega TX either, which is too far away, west of Amarillo). **(GH-OK)**
- 1330 CJYM SK **Rosetown** – 1/2 0800 – Gal with "west-central Saskatchewan weather," followed by a Santana song. Signal was up and down, with Oldies tunes and call letter ID's. **(JW-CO)**
- 1340 KICK MO **Springfield** – 1/7 0913 – Dominant signal from E/W is political talk, so not KGHM, which is SSE, sports talk and closest groundwave once skywave is gone. 0915 phone 866-408-7660 which I thought was for the show but may have been the first of an ad string for a tax business, finally at 0921 for a Best Western hotel in Carthage MO, after a 0920 reference to a Brentwood Shopping Centre, which checks out for: Springfield MO, KADI, which is "The Ozarks' Big Talker," and near enough/far enough from Carthage for such advertising to make sense. Talk host was not Glenn Beck. If their May 2015 schedule still holds, it's evidently a local show: "8-11 am Brian Kilmeade and Friends." This site has KICK all over it, apparently in homage to original calls in *1950y. **(GH-OK)**
Glenn, the calls here have been KICK again since November. - DY
- 1350 KZTD AR **Cabot** – 12/31 2209 – Good and alone on the frequency with regional Mexican music and ID: "...escuchar La Nueva Trece Sinquenta Ah Emmay...Solo Exitos." Confirmed by webstream, which was about 19 seconds behind. **(RD-NE)**
- 1360 KPHN KS **El Dorado** – 12/30 1426 – Plugging AM-820, covering the state of Ohio, Catholic call-in from EWTN. I.e. the former WOSU disposed of by Ohio State, now WVSG with 6.5 kW in the daytime. But this 1360 is KPHN, close enough for marginal groundwave but stronger than usual so some boost from skywave? Holding its own against the local KCRC spur/het from 1390. **(GH-OK)**



- 1390 KJPW MO Waynesville** – 12/27 0854 – I find that local KCRC Enid is off! No severe winter storm has hit us yet. An improvement over mere dead air they were broadcasting for hours a few nights ago, so what else can I get? Just after sunrise (if we could see it!), so some skywave still. NW/SE gets some C&W music, later at 0850 blues with female singer and piano; NE/SW gets something talking. I have to turn on a VCR by 0855 in preparation for CBS Sunday Morning (which KWTN has shifted to KSBI due to continuous winter storm coverage on main channel), and the VCR radiates blocking noise on the NW/SE angle. So I keep on the NE/SW station, can't pull any IDs but 0900 Fox "News," 0905 national ad with 800 number, 0906 into 'Smart Living with Larry Ahrens' from BizTalk Radio. Says the show originates in Albuquerque. I do find that on the BizTalk pdf schedule grid (due for changes in January), for this hour on Sundays, but the "affiliate resources" do not include any list of them! Proprietary info, I suppose. Unfortunately, neither BizTalk network, nor Ahrens show are among those referenced in the 2016 NRC AM Log. KJPW, looks to be the very likely source, in fact called 'The Source' in NRC AM Log, affiliated with Fox news, but can't find an own website. Unlike very directional KCRC, KJPW is ND day and night, 5000/111 watts, PSRA 500, but now it's definitely Day. By 1125 check, KCRC is back on, shucks. **(GH-OK)**
- 1460 KHOJ MO St. Charles** – 1/4 0909 – Some station still playing Xmas carols! Loops NE/SW, "O Come, All Ye Faithful"; 0912 Catholic promo; 0913 'Good King Wenceslaus', 0922 mentions reallifecatholic.com, 'We Three Kings'. Has to be the EWTN station for St Louis MO market, KHOJ, meaning Heart of Jesus, 12 kW day power. Nulling it I'm getting Spanish, so is KZUE finally back on? 1/7 0859-0901 – EWTN/Ave Maria Radio joint programming in English, but NO local ID for KHOJ, which this has to be from the NE/SW, dominating frequency along with other St Louis area signals still in, such as rock music on 1430. **(GH-OK)**
- 1540.08 KGBC TX Galveston** – 12/30 0810 – Het upon dominant signal KXEL on the R-75. I measure it down to here, and on the DX-398 it's about two clix (80 Hz) above KXEL, furthermore looping NNW/SSE, just right for KGBC Galveston TX, and with South Asian music; 0816 woman in English welcomes us mentioning 106.1. So that clinches it, KGBC reported in Radio Discussions to have replaced G&E/CRI relay with "Hum Tum Radio" // 106.1. WTFDA Database has no such 106.1 listing for TX, but this one is in the market: K291CE KLTN-HD3 106.1 SUGAR LAND TX 0.19 kW 29.4456 95.2855 Spanish KLTN is full-power on 102.9 in Houston, "regional Mexican" format. By 0818 UT, KEDA is gaining on 1540. **(GH-OK)**
- 1540 KEDA TX San Antonia** – 12/31 0829 – R. Jalapeño is dominant signal, ID in Spanglish from KEDA, with a constant LAH: maneuvering the DX-398, I am trying to decide whether KEDA is the one off-frequency, to the hi side. No, it's further east, like from KGBC Galveston as I thought yesterday, though I can't pull any South Asian audio from it today. By 0848, KXEL is starting to appear, and making a sub-audible het with KEDA, i.e. both very close to on-frequency. **(GH-OK)**
- 1550 KAPE MO Cape Girardeau** – 12/29 0903 – Flood warning for SE Missouri and adjacent states, "Talk Radio 100.3" IDs, temp for Cape Girardeau, so KAPE, 5 kW day power, the AM simulcast not worth mentioning. **(GH-OK)** 1/8 0759 – Man with legal ID at 0759:51: "Cape Radio 1550 is KAPE Cape Girardeau..."; Fox News followed at 0800. Fair at best, mixing with others. **(JW-CO)**
- 1570 KDIZ MN Golden Valley** – 1/4 0818 – Man and woman on a loop telling you to tune into 1440 for better coverage for your business information and news. New call sign here in swap with 1440. No format on 1570 yet just the loop so far. **(SMA-MB)**
- 1580 KFCS CO Colorado Springs** – 1/1 0830 – Poor to fair signals with ID as "KFCS Colorado Springs faith based Christian radio" and then into Breakpoint radio program. A huge thanks goes to Rick Dau for helping me ID this one. Well, a long time target and the first new catch of 2016 all on January 1! What a great start to a new year of DXing. **(SMA-MB)**
- 1580 KCHA IA Charles City** – 12/31 0200 – "Hawaii Five-O" theme song, followed by legal ID at 0200:45 by male voice: "Your 1580 is KCHA-AM Charles City-Greene-Marble Rock"; also mentioned kchaam.com website; news ensued at 0201, then back to music at 0205 ("Incense and Peppermint"); soon faded. Briefly fair, mixing with KOKP. Should have been on 10 watts at this time! Verification received already but they did not confirm power in use at the time of this logging. **(JW-CO)**

- 1600 WAOS GA Austell – 1/2 2100 – Fair @50/9! TOH LID into music. Atop frequency. (JJR-WI)
- 1600 KUSH OK Cushing – 12/21 1809 – Good with news & ag market closing prices from the Radio Oklahoma Network. (RD-NE)
- 1640 WTNI MS Biloxi – 12/26 2010 – KZLS is in dead air again, as a winter storm is approaching, scared silent? So I can hear some music playing under the carrier, unlikely stupid sports-talking from WTNI; tweaking the NRD-545 tuning for tight bandwidth and passband, past the KZLS carrier, 2030 Spanish announcement, “disfrute la diferencia,” 2331 UT ad with an 801-area code, which nails it as the SS Utah, KBJA. (GH-OK)
- 1640 KBJA UT Sandy – 12/28 2155 – Local KZLS Enid is still/again in dead air except for hum, facilitating pulling other audio around it on the NRD-545, with antenna angle minimizing, narrowed bandwidth and passband tuning just right: Spanish show with marriage advice; 2159 closing with 801-AC phone number for Patricia, i.e. UTAH, until semana entrante, so a brokered weekly program. 2200 sharp, ID in Spanish as “KBJA, 16-40-AM” and then in English, “KBJA, 16-40 AM, Salt Lake City.” Not sure if they mentioned SLC or Sandy in Spanish, but as CoL, Sandy is supposed to be in legal IDs. Meanwhile I was also getting WSJP in WI. (GH-OK)
- 1640 WSJP WI Sussex – 12/28 2155 – While mainly hearing Spanish from KBJA, better on the N/S antenna I am also hearing English, prayer to Jesus, and Xmas music, no doubt WSJP Sussex WI, now Alabaman Catholic with EWTN; thanks to dead air from local KZLS, pulling audio around it with narrow bandwidth, PBT. (GH-OK)

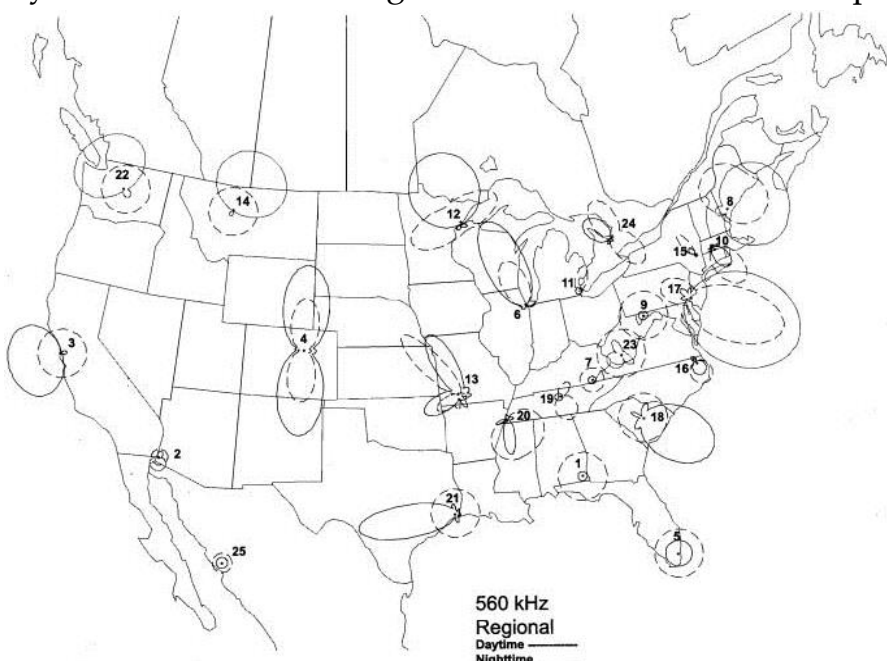
UNID

- 1290 UNID -- 12/31 2324 – Crooner singing “It would take a Michelangelo,” i.e. “Portrait of My Love,” roughly north/south. Best bet by proximity and format, and ruling out some news/sports 1290s, is: WZTI Greenfield WI, 5/5 kW U4, UC:OLD format per NRC AM Log. Patterns are NNE/SSW, but 1290 is that page in the NRC Pattern Book where day and night patterns are indistinguishable. Radio-Locator.com shows both day and night similar patterns favor the north but not exclusively. The second possibility, from the opposite direction, is: KIVY Crockett TX, 2500/175 watts U1, NOStalgia format. Crockett is in east central TX. (GH-OK)

Thanks to everyone for this issue’s contributions. (JDT-WA)

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Domestic DX Digest – East

Mike Brooker, Editor

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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, variable termination SuperLoop antennas northeast and south.
- MC-MA** **Mark Connelly, South Yarmouth** – Microtelecom Perseus, Cardioid-pattern SuperLoop
- MD-MA** **Marc DeLorenzo, South Dennis** – JRC NRD-525, 2 50' x 90' Deltas with remote variable termination, one East/West, one North/South.
- HF-MI** **Harold Frogge, Midland** – Drake R8B + 125 ft. bow-tie; 60 ft. RW & 185 ft. center-fed RW
- TF-NH** **Tony Fitzherbert, Campton** – Grundig S-450 DX, Grundig AR-200 loop
- 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
- 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.

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DX TEST


- 600 WBOB FL Jacksonville** – 1/10 0015 – Fighting CJCL-590 slop, UNID Fox news (possibly WMT) and C&W station (likely CKAT) with various sweep tones, some of which sounded like a vintage landline phone off the hook, and “WBOB” (.- -... --- -...) code IDs. Code and tones also heard at 0048. **(MKB-ON)**
- +++ – 1/10 0008 – Mostly under but occasionally over Cuban R. Rebelde with sweep tones, step tones, Morse Code IDs, game show theme. One brief voice ID at 0054. **(MD-MA)**
- +++ - 1/10 0000 – In multi-station mix (WKYH, WSJS, UNID C&W and R. Rebelde) with Morse code IDs, female and male voice IDs, sweep tones, sirens, “Price Is Right” theme and, it times, regular programming and songs. I’ve already received a reply from the station engineer Jerry Smith that I did indeed hear WBOB. QSLs are forthcoming. **(KK-VA)**
- 1/10 0058 – DX test received. In the previous hour, *R.Rebelde* Cuba was dominant. By 0100, propagation was more favorable with *R.Rebelde* fading out, leaving WBOB in clear over CKAT. Heard Morse code, sweep tones, test announcement/ID on the hour, and telephone sound effects. **(BC-NH)**
- 1/10 0004 – Faded up under WSNL with “This is SRN News,” call ID and ad for University of North Florida; DX test with repeated “WBOB” code IDs started about 0008 followed by sweep tones. FL #17 **(HF-MI)**
- +++ - 1/10 0048 – DX test: Morse code “WBOB WBOB JACKSONVILLE FL USA WBOB WBOB WBOB,” sweep tones, ascending beeps, phone off hook sound, game show music, WBOB and Florida mentions by man, antique siren sound effect, slow Morse code “WBOB WBOB.” Interference was mostly from Radio Rebelde Cuba with HJHJ, WYEL, and other Latin Americans occasionally in the mix. Audio: http://www.qsl.net/wa1ion/audio1/wbob_fl-600_20160110_0548-0555z.mp3 **(MC-MA)**



CATCH THE DRIFT


- 1479.95 WPWC VA Dumfries-Triangle** – 12/21 2200 – WPWC ID, Spanish talk; over WSAR-1480. Station 50 Hz low of nominal frequency. **(MC-MA)**

LOGGINGS

- 540 WFLF FL **Pine Hills** – 12/13 2300 – ToH ID: “WFLF Pine Hills-Orlando, WMGF HD3 Mount Dora-Orlando.” {A} **(MC-MA)** {A} in Mark’s loggings indicates that audio can be accessed from link on the following page: [http://www.gsl.net/wa1ion/doc1/audio aug to dec2015.htm](http://www.gsl.net/wa1ion/doc1/audio%20aug%20to%20dec2015.htm)
- 550 WKRC OH **Cincinnati** – 1/3 0600 – Over WSJW; “55 WKRC Cincinnati” and callsign jingle into Fox news. **(BC-NH)**
- WSVA VA **Harrisonburg** – 12/13 2300 – ToH ID: “Informing the Shenandoah Valley for over 80 years, News Talk 550 and 92.1, WSVA, Harrisonburg”; over Cuba. {A} **(MC-MA)**
- 600 CKAT ON **North Bay** – 1/9 2358 – C&W music to 0001, local weather (-15C) and mention of North Bay. Well under WSNL; last logged as CFCH. **(HF-MI)**
- 610 WIOD FL **Miami** – 12/13 2300 – ToH ID: “From the Renters Warehouse Studios, WIOD Miami – Fort Lauderdale, WBGH HD2, an iHeartRadio station.” {A} **(MC-MA)**
- 620 WDAE FL **St. Petersburg** – 12/13 2300 – ToH ID: “This is Tampa Bay’s Sports Radio, 620 WDAE St. Petersburg and 95.3 FM”; over Cuba. {A} **(MC-MA)**
- 640 WMFN MI **Zeeland** – 1/9 1509 – Light and peppy SS baladas; “Radio Activa” slogan. entonces hombre. Good over jumble. No longer //810 WMJH Rockford. **(HF-MI)**
- WXSM TN **Blountville** – 1/3 0500 – Over/under R.Progreso Cuba; “The extreme sports monster, WXSM...” and CBS Sports Radio. **(BC-NH)**
- 670 WSCR IL **Chicago** – 1/9 0718 – Long ad string for national and Chicagoland businesses, sports promo, poor in Rebelde co-channel. **(TLK-FL)**
- 680 WPTF NC **Raleigh** – 12/13 2300 – “WPTF Raleigh” ID; weak under WRKO. **(MC-MA)**
- 770 WAIS OH **Buchtel** – 1/3 0500 – Under WABC dead air; “WAIS 770 AM Nelsonville, Ohio.” New log. **(BC-NH)**
- 780 WCKB NC **Dunn** – 1/2 1700 – Fair; “Homecoming Hour on Gospel 780,” and ID, “Playing today’s southern gospel music hits, this is WCKB Dunn-Fayetteville-Fort Bragg.” **(BC-NH)**
-  +++ - 12/22 1700* – Sign-off announcement: “This is radio station WCKB in Dunn, North Carolina concluding its broadcast day...” mixed with R. Coro Venezuela. **(MC-MA)**
- 790 WPRV RI **Providence** – 12/31 1559 – Promo for “Imus in the Morning.” ID as “WPRV a Cumulus Station.” Good signal. **(HJH-PA)**
- 810 WMJH MI **Rockford** – 1/9 1518 – Very good with SS ranchera tunes; “La Poderosa” slogan. No longer //640 WMFN. **(HF-MI)**
- 850 WFTL FL **West Palm Beach** – 12/21 2100 – WFTL ID; over WEEI / WTAR / HJKC / Reloj tangle. **(MC-MA)**
- 900 CHML ON **Hamilton** – 12/31 1625 – In multi-station mix (WCPA, UNID talk and Spanish singing) with “The Best of Roy Green” show. **(KK-VA)**
- 910 WRKL NY **New City** – 12/31 1717 – In multi-station mix (WRNL, WBZU, WSBA, various UNIDs) with Polish talk, ads mentioning “Central Park Avenue” and “New Jersey.” 1741 male in English with mention of “AM 10-30 WNVR Vernon Hills, Chicago, AM 1300 WRDZ La Grange, Chicago...” **(KK-VA)**
- WBZU PA **Scranton** – 12/31 1630 – In multi-station mix (WRNL, WRKL, WSBA, UNID Disney-type singing, SS and Fox Sports) with ad for Morgan Hills Golf Course in Hunlock Creek, PA 570 256-3444 and “WILK” jingle, as WBZU is part of the WILK network. **(KK-VA)** ¹
- WTMZ SC **Dorchester Terrace** – 12/21 2100 – ToH ID: “ESPN Radio 910 WTMZ Dorchester Terrace-Charleston.” {A} **(MC-MA)**
- WFJX VA **Roanoke** – 1/15 0600 – Poor, over WRNL; “...Fox Radio 910 WFJX Roanoke,” into Fox news. New log. **(BC-NH)**
- 920 WHJJ RI **Providence** – 12/31 1745 – Presumed in WUVA/CHNX mix with the Sean Hannity Show. At 1750 announced “The final hour of the Sean Hannity Show...” and “News radio 9-20” slogan. Checking WHJJ’s website, their slogan is “News radio 920.” **(KK-VA)**
- KYST TX **Texas City** – 1/3 0615 – Tentatively the one with Spanish male preacher (on a Sunday morning), Spanish female Christian vocal 0642, more preaching and church organ fill until 0658 with slogan that sounded like “Radio (something) Noventa (something)” as in maybe an FM reference, but it may well have been “Nueve Viente” and with no Mexican anthem by or after 0700, suspecting this one more so. At 0715, an apparent commercial in Spanish with US format phone number, so definitely not a Mexican. Pointing WNW,



and radio-locator.com day pattern shows a good chunk of KYST (Houston market) is tossed into the Gulf of Mexico my way. Faded by 0720. **(TLK-FL)**

- WURA VA **Quantico** – 1/9 2130 – Spanish talk show with male and female hosts, way over usual WHJJ, amazing how 970 watts gets out. **(TF-NH)**
- 930 WTOU MI **Battle Creek** – 1/11 1708 – Fair on top with slogans “Today’s R&B old school,” “Today’s pick of R&B,” “Today’s best mix of R&B”; promo for Kalamazoo church meeting. **(HF-MI)**
- WPAT NJ **Patterson** – 12/31 1700 – In multi-station mix (WHLM, WFMD, WBEN and other UNIDs) with ethnic programs, male with English “WPAT Patterson” ID. “WPAT” jingle in EE noted at 1717. **(KK-VA)**
- WBEN NY **Buffalo** – 12/31 1625 – In WPAT/WFMD/WHLM mix with political call in show. **(KK-VA)**
- WHLM PA **Bloomsburg** – 12/31 1627 – In WPAT/WFMD/WBEN mix with “WHLM” jingle. **(KK-VA)**
- 940 WINZ FL **Miami** – 12/31 1717 – In multi-station mix with male “... breaking news, traffic and severe weather on news radio 6-10 WIOD.” This is actually WINZ and they are networked with WIOD. “9-40 WINZ” (WINZ was said as the word “wins”) ID noted at 1721, signal abruptly gone at 1730. **(KK-VA)**
- 
- +++ – 12/25 1723 – Loud & clear alone on channel with sports talk on the NFL, local ads and traffic. ID “Fox Sports Miami, 9-40 wins.” **(MD-MA)**
- +++ - 12/22 1700 – ToH ID: “Miami’s sports radio play-by-play, 940 WINZ”; good. **(MC-MA)**
- KPSZ IA **Des Moines** – 1/9 1800 – Fair; “This is Iowa’s Praise 940, 940 KPSZ Des Moines, a Des Moines Radio Group station and online at Praise 940 dot com,” into a contemporary vocal. New log. **(BC-NH)**
- WCPC MS **Houston** – 1/1 1801 – Good; end of Brother Carpenter program, “This is AM 940 WCPC Houston-Tupelo-Columbus,” into Radio Bible Hour. Also noted 1/10 1800 – Fair; WCPC Community Calendar. **(BC-NH)**
- WKYK NC **Burnsville** – 12/31 1653 – In multi-station mix with station promo: “Real country. That would be the home of legendary classic country.” **(KK-VA)**
- WGRP PA **Greenville** – 12/31 1649 – In multi-station mix (WADV, WMAC, WKYK, WINZ, more UNID talk and religious stations) with female “This is the forecast from 9-40 WGRP and 940wgrp.com.” **(KK-VA)**
- 950 KWOS MO **Jefferson City** – 1/8 1805 – In multi-station mix (WCTN, WAKM, WKDN, UNID religious talk, oldies, today’s songs and R. Reloj) with local weather “That’s what’s happening now... news breaks... news radio 9-50 KWOS and on FM 101.1.” ID as “News radio 9-50 KWOS and 101.1” during the Mark Levin show. **(KK-VA)**
- KPRC TX **Houston** – 1/3 0535 – “Gun Talk” network syndicated talk show about all things guns and bullets, net commercials for gun products, local station promo. **(TLK-FL)**
- 960 WERC AL **Birmingham** – 1/8 1725 – In multi-station mix (WELI, WTGM, UNID ESPN, CBS Sports, singing and religious talk stations, R. Reloj and another station with beep that wasn’t Reloj) with Sean Hannity Show, “News radio 105 5 WERC” ID. **(KK-VA)**
- WELI CT **New Haven** – 1/8 1631 – In multi-station mix with female “9-60 WELI traffic center I’m...” **(KK-VA)**
- WTGM MD **Salisbury** – 1/8 1800 – In multi-station mix with ToH ID: “Salisbury sports plays here. Fox Sports 9-60 WTGM Salisbury foxsports960.com.” **(KK-VA)**
- WHYL PA **Carlisle** – 1/15 0600 – Fair; oldie songs, ID as “Good Time Oldies 960 is WHYL Carlisle.” **(BC-NH)**
- CFAC AB **Calgary** – 1/8 1830 – Presumed in multi-station mix with ad for True Car ADP and other Canadian businesses, PSA for “Canadian Safe Boating Council.” Is this CFAC? Could also be my UNID with CBS Sports. **(KK-VA)** *No other Canadians on 960. CKNT Mississauga, ON are nowhere near getting their construction permit on the air. Mike.*
- 970 WTBF AL **Troy** – 1/8 1758 – In multi-station mix with local ads mentioning Alabama, WTBF GM speaking about jobs for veterans, “Your choice for CBS Sports radio 9-70 WTBF Troy Alabama” ToH ID. **(KK-VA)**
- WFLA FL **Tampa** – 1/8 1751 – In multi-station mix with local weather, “your weather forecast. Fox 97 WFLA.” First time actually hearing WFLA as opposed to WFLF 540 kHz calling themselves WFLA from time to time. **(KK-VA)**

- WNIV GA Atlanta – 1/8 1659 – In multi-station mix (WFLA, WTBF, WYSE, WKCI and either WGTH or WMYM) with religious talk, male “9-70 WNIV” ID. **(KK-VA)**
- 990 WDYZ FL Orlando – 1/8 1700 – In multi-station mix with ToH ID by male in Spanish: “esta es WDYZ Orlando.” **(KK-VA)**
 +++ - 12/22 1700 – Spanish talk, per Henrik Klemetz (RealDX) “La Nueva 9-90 AM” slogan, which is WDYZ. {A} **(MC-MA)** Another former Radio Disney outlet, as evidenced by the call letters. Mike.
- WNML TN Knoxville – 1/8 1640 – In multi-station mix (WEEB, KWAM, WDYZ, UNID oldies and bluegrass/C&W stations with promo for Tennessee lottery, female “Sports radio WNML” ID. **(KK-VA)**
- KWAM TN Memphis – 1/8 1759 – In multi-station mix with “This is AM 9-90 KWAM Memphis” ToH ID into CBS News. 1806, “Live from the east Memphis studios of KWAM. This is the Earle Farrel For Memphis Show.” **(KK-VA)**
- 1020 WRIX SC Homeland Park – 1/3 1712 – In KDKA/R. Reloj mix, nice surprise with female, “Hi. This is Deena Hopper and this is ‘The Life.’” 1020 kHz is always difficult at my QTH. I either hear nothing or I hear KDKA and/or Cubans. WRIX is only the second station from the USA I’ve been able to hear/ID on 1020 kHz. **(KK-VA)**
- 1040 WPBS GA Conyers – 1/3 1725 – In multi-station mix (WSGH, WYSL, WHO, UNID religious talk and oldies) with Korean programming and, at times, brief English words such as: “Don’t even think about changing the station. You’re now listening to ‘Musicland 905.’” I visit the WPBS website, atlantaradiokorean.com, but it won’t translate into English. I then ask a Korean co-worker to visit the site to see if they carry “Musicland 905” around 5PM at WPBS. Yes WPBS does carry the program. **(KK-VA)**
- WHO IA Des Moines – 1/15 0600 – Over CJMS; “Donald Trump will be our guest here on Newsradio 1040 WHO,” iHeart radio app promo, and jingle ID into local news. **(BC-NH)**
- WYSL NY Avon – 1/3 1628 – In multi-station mix with “The Voice of Liberty” slogan, WYSL jingle and ID as “You’re listening to WYSL1040.com, 92.1 FM and 10-40 AM, WYSL Avon Rochester.” **(KK-VA)**
- WSGH NC Lewisville – 1/3 1702 – In multi-station mix with endless Spanish singing, Spanish male with ID in EE: “This is WNOW Mint Hill, WWDC (sounded like WWDC. Station is actually WWNC) Wilkesboro, WW?? Winston-Salem, WSGH Lawrenceville (that’s what he said) North Carolina.” **(KK-VA)**
- 1050 WSEN NY Baldwinsville – 1/10 1718 – In multi-station mix (WEPN, WBQH, WHSC, UNID religious talk and other oldies, and station carrying NFL football game) with oldies and “Oldies WSEN” jingle. “The first choice for oldies WSEN” jingle at 1736. **(KK-VA)**
- WHSC SC Conway – 1/10 1730 – In multi-station mix with “Fox Sports radio 101.9 FM 10-50 AM” slogan. **(KK-VA)**
- 1070 WTWK NY Plattsburgh – 1/1 1635 – Bloomberg Radio feed, “Best of Bloomberg,” alone, no sign of usual WKOK. **(TF-NH)**
- 1080 WWDR NC Murfreesboro – 12/21 2100 – “1080 AM WWDR Murfreesboro” ToH ID, mixed with WTIC-CT. {A} **(MC-MA)**
- 1110 KFAB NE Omaha – 1/12 1706 – “News radio 11-10 KFAB” ID into talk show about upcoming State of the Union Speech. In/out with WBT and UNID gospel station. **(HF-MI)**
- WTBQ NY Warwick – 1/2 1607 – Atop frequency with adult standards, WTBQ ID by “Jeff,” station promo mentioning you can send emails or call Jeff at (845) 603-1401 (not the station telephone), or you can email your comments to Music of Your Life.com. Solid on top for 20 minutes until mixing with WNAP and WPMZ. **(TF-NH)**
- 1150 WGBR NC Goldsboro – 1/2 1800 – Over/under WWDJ Boston; “We’re the talk of the town, 1150 WGBR Goldsboro, a locally owned and operated Curtis Media Group station,” and NCN news. **(BC-NH)**
- 1160 WSKW ME Skowhegan – 1/6 1545 – Johnny Cash song “I Walk the Line,” “Classic Country 1160” slogan, Glen Campbell song, and other C&W oldies and AM 1160 non ID’s, soon lost to usual WVNJ. **(TF-NH)**



- 1200 WTLA NY **North Syracuse** – 1/6 1758 – Presumed fighting usual WCHB/CFG0 mix with contest promo to win tickets for Syracuse basketball game v. Boston College at Carrier Dome. **(MKB-ON)**
- 1210 WANB PA **Waynesburg** – 1/10 1700 – Under WPHT; Cool Country ID. **(BC-NH)**
- 1230 WGUY ME **Veazie** – 1/9 1700 – Over/under WMOU; “WRMO Milbridge-Bar Harbor-Ellsworth,” relaying 93.7 FM, ex-oldies. **(BC-NH)**
- WTKG MI **Grand Rapids** – 1/8 1756 – Poked through multi-station graveyard jumble with Fox news, promo for Golden Eagles (presumably high school) basketball on “ESPN 96.1” and espn961.com website promo. **(MKB-ON)**
- 1240 WBAS MA **West Yarmouth** – 1/9 1700 – ID popped up through WSKI; “AM 1240 WBAS West Yarmouth, Cape Cod.” **(BC-NH)**
- 1260 WFJS NJ **Trenton** – 1/5 1806 – Presumed over one or more sports talkers with “Catholic Answers Live” program, www.catholic.com website promo. **(MKB-ON)**
- 1290 WJCV NC **Jacksonville** – 1/2 0600 – Fair; “Your home for southern gospel music, 1290 AM WJCV Jacksonville and 98.3 FM W252BO Pumpkin Center.” Per FCC database, W252BO is a CP replacing W252BU. **(BC-NH)**
- 1300 WGDJ NY **Rensselaer** – 1/11 1800 – Over usual WXRL groundwave with “you’re listening to the home of Siena basketball, the Capital District’s talk station, AM 1300 WGDJ Albany-Rensselaer” ToH ID into ABC news. **(MKB-ON)**
- 1310 WLOB ME **Portland** – 1/5 1633 – Until now my closest unheard, with end of weather, ID for “WLOB AM 1310 and WLOB.com,” old musical jingle from WLOB’s 1960’s days as a 1000 watt top 40 daytimer and flagship for the Lobster Network, and into Michael Savage Show. Over/under usual WORC and CIWW, four tower array pushes day pattern up the Maine coast, night pattern is out over the Atlantic. **(TF-NH)**
- CIWW ON **Ottawa** – 1/9 1531 – Ad for Import Car Center; “Traffic updates every 10 minutes on the 1s”; “13-10 News” and “Canada’s most listened-to sports radio” slogans. Good peaks but brief fades to near zilch. Tuned here to check on WDTW Dearborn since dropping from 5 to 1 kW; no sign of them or in-state rival WCCW Traverse City. **(HF-MI)**
- 1330 WTRX MI **Flint** – 1/14 1700 – Over usual pest WFNN’s Fox sports talk with “Sports Extra 1330 WTRX” ID into ESPN sports headlines. **(MKB-ON)**
- 1340 WYBC CT **New Haven** – 1/2 1625 – Discussion about solar flares and their effects on the power grid, mixed with WNBH. Also noted 1/4 1706 with ID for WSHU, into “All Things Considered,” mixed with funeral notices from WIRY. **(TF-NH)**
- WMDR ME **Augusta** – 1/7 1702 – Briefly atop with slogan by woman, “The Light in Central Maine, FM 94.5 and AM 1340.” Quickly lost; station web site confirms that WMDR indeed broadcasts on 94.5. **(TF-NH)**
- +++ - 1/10 1100 – Over WIRY; “WMDR Augusta 1340 AM, W232CU Augusta 94.3 FM, we’re The Light.” **(BC-NH)**
- WNZS ME **Veazie** – 1/4 1620 – Howie Carr Show, local ad for McLoughlin’s Seafood, a half mile down Main Street from the Paul Bunyon Statue, weather for Bangor area (Veazie is next to Bangor), signal faded into the mush. **(TF-NH)**
- WENT NY **Gloversville** – 1/7 1700 – “We’re the hotspot on your radio all winter, WENT” and into the crime log, listing local convictions for pot possession, etc. Soon gone, refreshing real small town radio! **(TF-NH)**
- 1360 WKYO MI **Caro** – 1/13 1707 – Fair with local news, newsreader, apparently reading two-week-old copy, announced that the Powerball was now worth a record 675 million. He’s was only off about a billion! **(HF-MI)** *If you had won the Powerball jackpot, you could have bought this station for chump change! Mike.*
- WWOW OH **Conneaut** – 1/9 1700 – Fair; “Ladies and gentlemen, you’re listening to WWOW Conneaut,” and Forgotten 45’s program. **(BC-NH)**
- 1390 WLCM MI **Holt** – 12/31 1658 – Weak signal with ID as “Victory 1390 Radio, WLCM.” **(HJH-PA)**
- 1400 WLTN NH **Littleton** – 1/5 1603 – Sports, weather, then “Ladies and Gentlemen, you are listening to the greatest hits of all time on Littleton’s heritage station, the Golden Great 98” and into oldie music, atop with steady signal, rarely heard here, from 40 miles north on the other side of the mountains. **(TF-NH)**
- 1410 WNER NY **Watertown** – 1/2 0859 – Over other sports talkers with “Fox Sports Radio WNER Watertown, the Winner” ToH ID into Fox Sports run-down of incredibly lopsided crappy New Year’s day bowl games. **(MKB-ON)**
- WLSH PA **Lansford** – 1/2 1556 – Christmas music (on January 2??!!), then “Your original Christmas music station since 1952, WLSH, Lansford,” into ABC News. Gone by 1604, new for me here. **(TF-NH)**

- CJWI QC **Montréal** – 1/5 1700 – Music, Canadian news in French by woman, over/under WPOP and WZBR. (TF-NH)
- 1420 WCOJ PA **Coatesville** – 1/4 1657 – EWTN Catholic feed, ID by woman for “WCOJ, 1420, Coatesville, also heard on WISP, 1570, Doylestown.” Lost on pattern change to WASR, which should be running on 137 watts, another new log here. (TF-NH)
- WCED PA **Du Bois** – 12/26 2240 – Weather report, “Connect FM 96.7 and 107.9” slogan at 2241, sports talk with references to CBS sports. Poor to very poor mostly under WACK and WHK. // to internet stream. (PS-ON)
- WTCR WV **Kenova** – 1/1 1621 – Weak signal, commercial for business with #303 area code, ID by male for WTCR, little else, new here. (TF-NH)
- 1430 WNSW NJ **Newark** – 1/4 1650 – EWTN feed about Holy Name Society, discussion about Saint Elizabeth Seaton, atop equal with WKOX. (TF-NH)
- 1440 WGLD PA **Manchester Township** – 1/2 1800 – Over/under WVEI; “WGLD Manchester Township, WSOX HD4 Red Lion, York’s sports leader, Sports Radio 1440, a Cumulus station.” New log. (BC-NH)
- 1450 WKIP NY **Poughkeepsie** – 1/10 2223 – ID as “AM 1450 and 1370, WKIP, the Hudson Valley’s News and Weather Station.” Had sports coverage of some kind. (HJH-PA)
- 1460 WIFI NJ **Florence** – 1/3 0501 – Over/under WOPG and WKDV; “1460 WIFI... listen live at Victory 1460 AM dot com.” (BC-NH)
- 1500 WGHT NJ **Pompton Lakes** – 1/6 1610 – Clusters of old rock music including “Midnight Special,” over/under WFIF with preaching and WFED. Northwest directional signal showing up here very occasionally. (TF-NH)
- 1510 WLAC TN **Nashville** – 1/6 2200 – ToH ID, Fox News, weak signal, under usual WMEX. (TF-NH)
- 1540 KXEL IA **Waterloo** – 1/15 0500 – Good; “The voice of eastern Iowa, News/Talk 1540 KXEL Waterloo-Cedar Falls-Cedar Rapids,” and Fox news. (BC-NH)
- 1570 WKKS KY **Vanceburg** – 12/18 2251 – Country music, ToH ID “WKKS Vanceburg, Kentucky” then right back into country music. Fair to very poor mixing with possibly WMVX, WQTW and CJLV. (PS-ON)

From the *DX News* archives

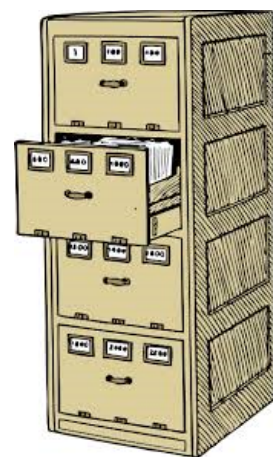
Now thanks to Ron Schiller.

75 Years Ago – From the January 18, 1941 issue of *DX News*: Dues were \$2 a year! Three different member’s reports included a most derogatory name describing SS stations: “spicks,” whose usage today would be totally unacceptable.

50 Years Ago – From the January 15, 1966 issue of *DX News*: Current member and foreign DXer extraordinaire, Ben Dangerfield reported hearing West African rarities Mali-1428 & Niger-1511 from near Philadelphia. The late Gordon Nelson had a “daylight opening” on Christmas Day and logged WOAI-1200, San Antonio, Texas 1800 miles away!

25 Years Ago – From the January 14, 1991 issue of *DX News*: Columns in *DX News* included “Bandscan” – this installment from Aussie DXer Chris Hambly listing his logables. John Bowker’s “Tower Tip” showed where to locate specific radib towers “in your area.” CKLW-800 claimed to be the third most listened to station worldwide!

10 Years Ago – From the January 9, 2006 issue of *DX News*: IBOC, the DXer’s bane, was in use by 7 Denver stations in the lower third of the AM band. Only two DX Tests were listed: both in the “X” Band – WNAR-1620 PA & KAVT-1680 CA.



Unreported Domestic Stations

No previously unreported stations reported to DDXD this issue for the first time since at least Volume 67 (1999-2000). Thus, we hold at 450 active stations in the United States and Canada on the unreported list. Can you hear one and report it for next issue? The most recent full list was printed in Issue 82-20.

Visit the NRC on Facebook: <https://www.facebook.com/groups/509246815818550/>

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

- 162 **FRANCE** *France Inter*, Allouis JAN 9 2122 – Good with discussion in French. [DeLorenzo-MA]
- 171 **MOROCCO** *R.Mediterranee Internationale*, Nador JAN 4 2205 – Strong with news in Arabic. [DeLorenzo-MA]
- 183 **GERMANY** *Europe 1*, Felsberg JAN 9 2125 – Strong with discussion in French. [DeLorenzo-MA]
- 189 **ICELAND** *Ríkisútvarpid*, Gufuskálar JAN 2 2225 – Good with man in Icelandic and the Rolling Stones “I Know It’s Only Rock & Roll (But I Like It).” [DeLorenzo-MA]
- 198 **UNITED KINGDOM** *BBC Radio 4*, Droitwich et al. JAN 9 0038 – Fair with teletalk. [DeLorenzo-MA]
- 216 **FRANCE** *RMC Roumoules* JAN 9 2128 – Good with lively discussion between men in French. [DeLorenzo-MA]
- 234 **LUXEMBOURG** *RTL Junglinster* JAN 10 0233 – Good through static crashes with female pop vocals and female DJ in French. [DeLorenzo-MA]
- 252 **ALGERIA** *R.Algerienne*, Tipaza JAN 5 0019 – Male DJ in French and U2’s “Pride (In The Name Of Love).” [DeLorenzo-MA]
- 549 **ALGERIA** *Jil FM*, Les Trembles JAN 11 0558 – Fair; choral national anthem. [Conti-NH]
- 1044 **SPAIN** *SER San Sebastian/Valladolid* JAN 11 0458 – Man and woman in Spanish, time marker on the hour, couldn’t get much more than that through pesky 1050 WEPN New York splatter. [Conti-NH]
- 1215 **UNITED KINGDOM** *Absolute Radio* synchros JAN 10 1000 – Presumed UK/transatlantic rather than transpacific with signals also observed on 909 and 1089 kHz; none strong enough for audio. [Conti-NH]
- 1467 **FRANCE** *TWR Roumoules* JAN 9 2300 – Fair; one cycle of interval signal, then off. JAN 15 2258 – Good; man and woman with contact info, “www dot...” and musical interludes, interval signal on the hour, then carrier cut 10 seconds afterward. Consistently the most reliable and best transatlantic signal at this hour. [Conti-NH]

PAN-AMERICAN DX

- 540 **MEXICO** XETX Nuevo Casas Grandes, Chih. JAN 14 1330 – “La mera mera, La Ranchera de Paquimé,” after a string of federal PSA’s. I knew if it were XETX there would be an ID within two minutes of tuning in. By this time, most of the lowband XE’s are gone, except 620 XEBU Chihuahua, but this 1000/250 watter persists. Our sunrise today: 1343 UT, earlying at the rate of 3 or 4 minutes per week. [Hauser-OK]
- 539.865 **NICARAGUA** *R.Corporación*, Managua DEC 25 0241 – Female vocal music parallel webstream; readable but poor with 540 interference. [Saylor-PA]
- 570 **COLOMBIA** HJND *R.Nacional de Colombia*, Bogotá JAN 1 0900 – End of Latin American instrumental tune, short fanfare and “Radio Nacional de Colombia” ID’s by a man and a woman, then sounds of a child talking. Under *R.Relej* Cuba. [Saylor-PA]
- 570 **CUBA** *R.Relej*, Santa Clara DEC 30 0500 – Tonight the time ticks and top-of-the-minute pips were of a higher pitch than normal, and the “RR” Morse code was about twice as fast as normal and also a higher pitch. Back to their normal format the next night – automation error, or trying out a new format? [Saylor-PA]
- 620 **CUBA** *R.Rebelde*, Colón DEC 28 2245 – Strong well atop channel; Cuban folk instrumental and announcement by young person, parallel to 670 kHz. [DeLorenzo-MA]
- 620 **MEXICO** XEBU Chihuahua, Chih. JAN 9 1303 – National anthem, followed by AM and FM ID’s, as well as time and temperature checks by man announcer. Fair, mixing with others. [Wilkins-CO]
- 650 **COLOMBIA** HJKH, *RCN Antena 2*, Bogotá DEC 31 2300 – Different version of the Colombian national anthem than 850 HJKC (this one played in a higher key), shouted announcement by a woman, several Caracol’s, 4-note ascending tune, time pips and into presumed commercial; about even level with WSM. [Saylor-PA]

- 660 **MEXICO** XEDTL *R.Ciudadana*, México, DF JAN 2 1157 – Anthem from 1158, female, “XEDTL Radio Ciudadana...” and frequency/power. XECPR, XEFZ and this seem to trade off channel dominance each morning. [Krueger-FL]
- 660 **MEXICO** XEEY *La Kaliente*, Aguascalientes, Ags. JAN 9 1155 – Choral anthem (truncated version) from 1158, male canned long ID with mention of FM and AM calls and frequencies, “Grupo Radiofónico... Colonia... La Kaliente, 102.9...” into Mexi-tunes. Another one extremely weak underneath with anthem from 1200 UTC. [Krueger-FL]
- 660 **MEXICO** XEACB Cd. Delicias, Chih. JAN 13 1324 – One announcer reading live adstring, 1327 mentions 98.9 FM, 6:27 time, “Chihuahua capital,” all of which mean it’s XEACB. JAN 14 0700 – Chihuahua state anthem is playing (listen for “chihuahuense”), vs IBOC from WSCR. At 0701, “Son las 12 en 98.9 FM,” so it’s XEACB again. [Hauser-OK]
- 680 **COLOMBIA** HJZO *R.Nacional de Colombia*, Barranquilla DEC 25 0602 – “Radio Nacional de Colombia” ID by woman, announcements by man, talk by several children, clock chime three times, into music program. [Saylor-PA]
- 690 **MEXICO** XEN *La 69*, México, DF JAN 2 1100 – Segment on workers’ rights movement in Chihuahua state, XEN ID, tribute feature on Natalie Cole’s death followed by her “Unforgettable” remix duet with Nat Daddy and back to Mexico news items. Why such discrepancies on daytime power here? IRCA Mexican Log states 100 kW; WRTH and Wiki list at 50 kW; radio-locator.com states 20 kW. [Krueger-FL] XEN announces 100 kW in its canned full ID. See IDXD 83-07. [Conti]
- 690 **MEXICO** unID JAN 2 1105 – Someone very weak under XEN with tuba fortified Mexi-tunes. [Krueger-FL]
- 700 **MEXICO** XEETCH Etchojoa, Son. JAN 11 1316 – Rustic fiddle and guitar music, staple in the mornings from XEETCH which at 1333 gives full ID in Spanish as *La Voz de los Tres Rios*, Etchojoa, Sonora, and also native languages; 1334 “toque un baile” and back to music. Some of the usual other signals from northwest Mexico in the UTC-7 zone also in during this pre-sunrise span: 550, 620, 660, 710, 870 kHz. JAN 13 1330 – Rustic music at the moment is drumming and piccolo. [Hauser-OK]
- 720 **MEXICO** unID JAN 13 1332 – “Fonógrafo 720 AM” ID, classic rock, woman with Spanish dedication, timecheck as 7:33, loops west/southwest? We have a confusing situation about the identity of this station: a few nights ago, DEC 27 0121, I assumed it was XEDE Saltillo, Coahuila, which fits for the time check heard now, CST. In the morning around sunrise, it’s likely to be a bit further west, such as XEJCC Cd. Juárez, Chihuahua, where the time is 6:33 am MST. Searching on the slogan, I get a Wiki listing of Grupo Radio México stations including 720 XEJCC Juárez as *Fonógrafo 720*, so that would seem to clinch it except for the clock. Fonógrafo does not appear for any 720 station in our DX source listings: WRTH 2016, IRCA Mexican Log 2015, and Cantú as of early 2015, all of which have it as *Extremo 720* (and BTW, IRCA Log has upped the power from 1 kW to 25 kW daytimer). The GRM website itself, www.gradiomex.com/estaciones-por-ciudad still has XEJCC on its long-abandoned frequency 1520 as *La 1520*. The Fonógrafo monicker also applies to a Grupo Radio Centro station on 1150, XEJP México, DF. I suppose it’s possible that the 720 station in Juárez is inserting local non-IDs, while relaying programming out of DF with time checks local for there. A DXer in El Paso could clarify this. [Hauser-OK]
- 720 **NICARAGUA** *R.Católica*, Managua JAN 10 1124 – Spanish sermon, classical chamber music fill. Good, with KSAH Texas (Spanish preacher, too) nulled but some WGN co-channel. [Krueger-FL]
- 730 **MEXICO** XEX México, DF DEC 25 0200 – “XEX... cien mil wats de potencia,” alone on the frequency. [Saylor-PA]
- 730 **MEXICO** XEHB Hidalgo del Parral, Chih. JAN 9 0142 – Full ID including address and phone numbers, then into talk segment, possibly news; “Estereo Fiesta” slogans and mentions of 107.1 FM. Fair signal, mixing with one or two other XE’s. [Wilkins-CO]
- 730 **MEXICO** XESOS Agua Prieta, Son. JAN 9 0201 – Government PSA’s; AM/FM ID at 0202 with “La Ranchera” slogan. Fair, mixing with other 730 occupants. [Wilkins-CO]
- 740 **MEXICO** XECW Los Mochis, Sin. DEC 30 1238 – Spanish vocals, canned “Radio Variedades” slogans to 1300 anthem. Fair with fading, atop the channel at times. [Wilkins-CO]
- 760 **COLOMBIA** HJAJ, RCN, Barranquilla JAN 3 0600 – Over WJR; “RCN la radio” and time check, “A la una de la mañana...” into news. [Conti-NH]
- 770 **CUBA** *R.Rebelde*, Victoria de las Tunas DEC 25 2304 – Good, battling WABC; male ballad parallel to 670 kHz. [DeLorenzo-MA]



- 770 **MEXICO** XEACH Monterrey NL JAN 8 1358 – Historical item in Spanish about the 1930's, 1400 *R.Fórmula* ID, so XEACH. This late, after sunrise I would have expected something further west, like XEREV Los Mochis, but obviously not top-40. Only this now, no KKOBB New Mexico, which doesn't hit day pattern on 770 until 1415 UTC in January. [Hauser-OK]
- 780 **MEXICO** XEWGR Monclova, Coah. JAN 3 0600 – Presumed, with the Coahuila national anthem; over WBBM. [Saylor-PA]
- 780 **VENEZUELA** YVMN *R.Coro*, Coro DEC 23 2320 – Good, alone on channel with ID between two lively Spanish vocals. [DeLorenzo-MA]
- 800 **MEXICO** XEROK Cd. Juárez, Chih. JAN 13 1336 – Strong Spanish from the west/southwest with KQCV nulled as much as possible – just like XEROK used to achieve before it disappeared. Two men and one woman in studio, dialogs with callers; 1340 with 6:40 time check, mentions “carretera a Casas Grandes,” and an address in “Colonia Villa Esperanza”; 1343 discussing Powerball and its sesquigadollar jackpot. Makes slow SAH with KQCV of approx. 92 per minute or almost 1.5 Hz, which was also typical of the old XEROK. And this is definitely XEROK, seemingly jacked up again to 50 kW power at least for the moment. The colonia checks out for Cd. Juárez; and Nuevo Casas Grandes is the next town to the southwest via federal hiway 2. Neither at sunrise nor at night have I been hearing any such signal on 800 vs KQCV – if I get anything else at night, it's likely to be TWR Bonaire. JAN 14 0157 – So I check 800 again and find XEROK is still strong in Spanish, now making SAH of 80/minute with KQCV, 0159 ID mentioning Cd. Juárez and Grupo 7. Recheck at 0258, really inbooming overcoming KQCV; and at 0300 full ID as *R.Cañón*, with street address, Grupo Siete. So this station is back in business at apparent full power once again of 50 kW non-directional. JAN 14 1306 – Two cuckoos for a time check, “6 con 6 minutos,” headlines; 1308 this time it's a rooster crowing, and ID including call letters XEROK. Still with restored hi power, presumably 50 kW ND entitled to own the frequency at night across western USA, holding its own against nearest groundwave KQCV. [Hauser-OK]
- 810 **BAHAMAS** ZNS3 Freeport JAN 1 2300 – At about the same level as WZYN Georgia; “This is ZNS news, the evening report covering the northern Bahamas,” by accented man into news read by overmodulated female announcer. [Saylor-PA]
- 810 **COLOMBIA** HJCY *Caracol Radio*, Bogotá DEC 29 0402 – Lots of mentions of Bogotá by two woman alternating reading, also “Caracol” ID by a man; under WGY and another station playing soulful Christmas music (ZNS3?). [Saylor-PA]
- 820 **CUBA** *R.Ciudad de la Habana*, La Habana-Arroyo Arenas JAN 3 0600 – Interval signal-like melody through WNTW. [Conti-NH]
- 850 **COLOMBIA** HJKC *Candela AM*, Bogotá JAN 1 1100 – Presumed, with Colombian national anthem, into Latin American music. Fair under WFTL Florida. [Saylor-PA]
- 900 **MEXICO** XEW México, DF DEC 31 0957 – “W Radio” ID's, ad or promo for video gaming including mentions of “Playstation” and “Activision.” [Saylor-PA]
- 940 **MEXICO** XEQ *Ke Buena*, Mexico, DF DEC 28 1200 – Mexican national anthem, “La Q Radio” ID by woman and string of singing “La Ke Buena” ID's, “XEQ AM” and “nueve cuarenta AM” by woman, into program by man. [Saylor-PA]
- 940 **PUERTO RICO** WIPR San Juan JAN 1 2245-2257 – Good, alone on channel with Spanish ballads and call letter ID. Thanks to Andrew Blade for help via RealDX. [DeLorenzo-MA]
- 1000 **COLOMBIA** HJAQ, RCN, Cartagena DEC 26 0200 – Presumed with “En Bogotá” by man and RCN 4-note ascending tune; under Cuban. [Saylor-PA]
- 1040 **CUBA** *R.Mayabeque*, Güines JAN 3 0300 – Over/under WCHR; “Esta es Radio Mayabeque... 104.7 FM... la voz de Mayabeque...” [Conti-NH]
- 1050 **CUBA** *R.Victoria*, Victoria de las Tunas DEC 31 1000 – “Radio Victoria” ID by man, into “Ecos del México” program with introductions by a man over the Mexican Hat Dance tune and “saludos, amigas y amigos” (“Ecos del México” was, of course, spoken with an echo effect). Mostly alone on the frequency. [Saylor-PA]
- 1140 **MEXICO** XEMR Monterrey, NL JAN 1 0427 – ID as Radio Pentecoste, gospel songs in Spanish, i.e. XEMR, 50/50 kW, whose listed name is Radio Esperanza, but I've heard Pentecoste on it before, maybe just a program title. [Hauser-OK]
- 1210 **CUBA** *R.Sancti Spíritus*, Sancti Spíritus JAN 2 1100 – Under WPHT; chimes marking the hour, woman in Spanish. [Conti-NH]
- 1320 **MEXICO** XESR Santa Rosalia, BCS DEC 31 1259 – Tentative, with XE anthem; 1301 ID only as “Radio Sur California;” also heard several times “la major música...” slogans; segued pop and romantic songs followed with no apparent live announcer, just canned slogans. No other ID's heard but with the anthem time and “Sur California” ID's, XESR is the logical best-guess. Frustrating, since they were alone and atop the channel on this particular day. The listed slogan for XESR is still “Radio Cachania,” which I haven't heard for years. Been hearing this station for months but can't definitely ID it. [Wilkins-CO]

CONTRIBUTORS

Bruce Conti WPC1CAT, Nashua NH; WiNRADiO Excalibur, MWDX-5 phasing unit, 15 x 23-m variable termination SuperLoop antennas at 60° northeast and 180° south.
 Marc DeLorenzo, South Dennis MA; JRC NRD-525, Perseus SDR, 50 x 90-ft east/west and 50 x 90-ft north/south dual feedline Delta antennas with remote variable termination.
 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, roof dipole, active loop.
 Brett Saylor, State College PA; Perseus SDR with 16 x 36-ft SuperLoop at 180°.
 John Wilkins, Wheat Ridge CO; Drake R8, 4-foot box loop.

73 and Good DX!

GRAVEYARD DX UPDATE

Kraig Krist, Editor

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

1340 kHz

KWOR WY Worland

John Rieger

L'Anse, MI

*936

New GYDXA entries are highlighted for 30 days at www.nrcdxas.org.
 Please only use the email above for submitting GYDXA.
 73, Kraig, KG4LAC

NOAA Space Weather Outlook

Issued January 11, 2016 – For the period January 11-February 6, 2016

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Solar activity is expected to be at very low to low levels from 11-14 January and from 29 January - 06 February. From 15-28 January, activity levels are expected to increase to low to moderate levels (R1-Minor) due to the return of old active Region 2473 (S21, L=334).

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to be at normal to moderate levels on 11-12, 17-22, 26-28 January and 31 January - 02 February. High levels are expected on 13-16, 23-25, 29-30 January and 03-06 February due to enhanced winds from a series of geoeffective coronal hole high speed streams (CH HSSs).

Geomagnetic field activity is expected to be at unsettled to active conditions on 12-13, 22-23, 28-29 January and 02-03 February with isolated minor storm levels (G1-Minor) likely on 12 and 18 January, all due to a series of recurrent CH HSSs. Quiet to unsettled conditions are expected for the remaining days of the outlook period.

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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 77.

This Month's Radio Saying: Television: Chewing Gum for the Eyes.

The Way Back Machine:

Dave's Homemade Crystal Radios is located at <http://makearadio.com/crystal/index.php>.

For those of you who may have made or used one of these great little radios and for those of you who have not built or used one this is a great site. You will be taken back to the way radio really was in the beginning. These great radios that use no batteries or power from the wall are a great way to build a working radio from scratch. Dave has 78 different designs he has ranked from easy to advanced. Each unit comes with pictures instructions everything you need to put together your own unit. Dave also has tube sets you can build and yes three loop antenna plans so your radio can pull in those signals.

Recording Methods:

Hi Shawn. I am responding to Russ Johnson's question about unattended recording posed on page 23 of the 11/16/2015 issue of *DX News*. I assume that Russ wants to record from AM radio, either top-of-hour logs of station call letter IDs or various hour-long programs. Since the early 1970s I have used various equipment configurations to perform unattended time programmed (unattended) recording of AM and FM broadcast material. Several years ago I retired my reel to reel and cassette recording equipment and replaced it with the so called 'voice on a chip' devices, also known as digital voice recorders (VRs). Although I believe that my VRs and radios can be hooked up in 'line in' mode to provide the automation that Russ described, I have found it entirely acceptable (since I do not record music) to have mine setup in SAR (sound activated record) mode since I record mostly news, sports and interview broadcast material when I am not available to listen live. For recording, I use Olympus Digital Voice Recorders which cost about \$25 each. (Note: Olympus SONY and others offer several higher priced VRs that are far more capable than what I require.) Today's VRs typically can record anywhere from about 50 hours to well over 1000 hours of material depending the sound quality that the user specifies. My VRs have programmable on/off times to start and stop the VRs recording session. The on/off time can be programmed to happen only once or on a daily basis. I use my VRs almost exclusively in SAR mode. In SAR mode the VR records only when sound is detected, be it sound from a nearby radio speaker or from a loud ambulance siren going by outside. When silence ensues (ex: radio gets turned off) the VR goes into temporary record/pause mode after about 4 seconds of silence. It resumes recording at the moment that sound from the turned on radio is detected and continues recording until the programmed VR turn off time is reached (or available chip storage is totally consumed).

Regarding radio equipment, I have available two GE Superadios + a few old boom boxes none of which have built in clock/timer functions. I also have three Sony and one ETON radio all of which have built in clock timer functions. Unfortunately, most radios that have clock/timer functions limit you to a single hard coded time interval duration setting of either 15, 30, 45, or 60 minutes. To address this problem and have the radio play for only a few minutes (or several hours) I use BSR X10 Timer System devices (with accompanying lamp/appliance wall modules) that I bought back in the 1970s. (Google 'BSR X10' for more BSR info.) The BSR items were sold by Radio Shack up until a few years ago and were called something like "Plug and Power Control Devices." Since the BSR does not work well with most (all?) radios having built in clock/timers I use it with only the GE SRs and the boom boxes. The BSR timer sends turn on and turn off signals to a GE SR that is plugged into a BSR controlled wall module. The BSR allows for 'one time' or automatic daily multiple on/off radio play times for recording the GE SR sound to the VR which sits about 6 to 12 inches away. The BSR radio on/off intervals can be of any duration(s), one minute long or several hours long. Also, the BSR timer can control multiple radios. Since I record mostly full one hour or longer programs, I generally use my radios that have built in clock/timer capability with a VR (or multiple VRs) situated about a foot or so away. Given that both the radios and the VRs can be timer programmed, multiple radios and VRs can be 'chained' to automatically record several programs on a daily basis. Also, in a stretch to even further increase recording flexibility, one could even 'mix in' the BSR/GE SR equipment into the configuration!

I hope this narration is of some help. Let me know if I can be of further assistance. Best regards,
Richard Clark.

Bits and Bites from the NRC listserv:

From: Paul Walker

Re: A Useful Smartphone App for DXers

Whether you do AM, shortwave, longwave, FM or something else.. I think this will prove useful. I have a pretty high return rate when submitting reception reports and asking for QSL cards/letters. I'd say my return rate is probably better than 60 percent, sometimes even 70 or 80 percent. It just depends.

But what helps me so much? EVERY reception report I email or snail mail in includes an audio recording. Sometimes it's only 30 seconds if the signal is real real rough, weak or hard to pick out anything useable. Sometimes I include anywhere between 5 minutes and 30 minutes with a detailed report.

Well, how do I record? I use my Smartphone! I have an iPhone 6plus with 128 GB of storage. I Phone's record some of the best audio I've ever heard from a Smartphone. Androids do a pretty decent job, not as good, but not bad.

The best app I've found for this is Voice Recorder Pro 7. I think it cost something, but if it did, it was only like 99 cents or \$1.99.

You can select the format to record in (mp4, mp3 or wav), you can select the sample rate, bit rate (32kbps all the way up to 320kbps), and you can select mono or stereo as well.

But where this really comes in handy, you can email the audio file to yourself or someone with the click of a button, you can upload it to a Google drive, drop box, one drive or box cloud account. You can even have it upload to an FTP server or to your Facebook page if you want!!

The one feature I like is being able to turn your audio into a YouTube video and uploading it directly to YouTube! I was recording videos by holding it up to the radio's display and while the audio was good, it wasn't great because it was a bit further away from the speaker so I could show the S meter and frequency on the display. So what I ended up doing is do is put the phone right near the radio's speaker and start recording... this produces better audio then a straight up video. Then you click a button after the recording is over and it generates the video frames for you, putting a picture there and you fill in the particulars of your video and it uploads it to your YouTube account.

See what I'm talking about here, by viewing my YouTube account:

<https://www.youtube.com/user/OnAirDJPaulWalker>

You can easily tell which videos were made by me holding up the phone to the radios display and which are audio only with the video generated by this Smartphone app. Here's an audio only track that I recorded to give you an idea how it sounds:

<https://soundcloud.com/paul-walker-11/radio-mediterranne-international>

I don't recall if they have this app for android phones, but if they don't, there's something similar.

It's worth investigating. A detailed written report is one thing when requesting a QSL, but audio is indisputable and absolute confirmation of what was heard.

From: Mark Connelly, WA1ION, South Yarmouth, MA

This opens up a good topic for discussion: production of DX audio files.

In the past 50 or so years, my techniques have progressed from:

(1: '60s/'70s) Reel-to-reel tape with a patch cord to the receiver audio out. If tapped off the speaker or 8-ohm headphone jack instead of 600 ohm "line" audio out, a resistive pad would be used. OK for home (or house DX'pedition) use but not for "field" (in car etc.) DX'peditioning. Tapes that stayed in good shape were later dubbed to mp3.

This KSL 1160 recording from January 1974 was done this way (reception at Menotomy Rocks Park, Arlington, MA: R-390A receiver):

http://chowdanet.com/markc/WEB2005A/dx_ksl-1160_19740107_0525z.mp3

Going back to 1965, a friend of mine provided this reception of WBZ's Dick Summer show from a US Navy ship anchored at Midway Island in the Pacific. The recording survived transfer from reel-to-reel to cassette and then to mp3. Receiver: R-390A.

http://chowdanet.com/markc/WEB2005A/dx_wbz-1030_heard_from_midway_island_oct1965.mp3

(2: Mid '70s through early 2000's) Cassette recorder with patch cord to the receiver audio out. Initially portable cassette recorders did not have adequate fidelity (or audio-input jacks) so stereo decks that were part of home entertainment gear were used.

Here's a 1975 recording - 40 years ago this month - done this way. Germany 1586 absolutely blasting in at Sudbury, MA, 20 miles west of Boston: R-390A, swamp-terminated Beverage pointed at northern Europe:

http://chowdanet.com/markc/WEB2005A/dx_w-germany-1586_19751217_0625z.mp3

By 1977 portable cassette recorders progressed to sufficient quality for DX, if not audiophile, recording purposes. This brought DX audio capture out in the field, so to speak, for recording during travelling (in car, in hotel room, etc.). Sometime bias harmonics could interfere with DX (like old-school TV birdies) but moving the recorder could typically overcome the problem.

Here's 850 WHDH Boston recorded from Ireland in '77 with an unaided Realistic TRF connected to a Panasonic battery powered cassette recorder.

http://chowdanet.com/markc/dx_audio/WHDH_850_heard_in_Ireland_1977.mp3

(3: Early 2000's to present) Portable digital-format recorder. One drawback is that these had somewhat more interference potential than portable analog cassette recorders. A bit more care needed to be exercised in terms of shielding, patch cable length, placement, etc. especially when DX'ing with a portable radio or with an indoor loop.

C. Crane's "Pogo Radio YourWay LX" (<http://www.cnet.com/products/pogo-products-radio-yourway-lx/>) was one of the first out of the gate. It even had its own built-in AM / FM receiver that was deaf as a post. Recording from a real receiver (via line-in) was the objective anyway, so that didn't matter.

Here's a 2006 recording of Saudi Arabia 1521 made from Granite Pier (Rockport, MA) with the Pogo recorder fed from a Drake R8A. The audio is a bit "artifacts" sounding by modern standards but certainly adequate as a DX audio document.

http://www.qsl.net/wa1ion/audio1/dx_saudi_arabia-1521_20060503_2300z.mp3

I have since used other portable digital recorders including models by Zoom, Archos, and Edirol. Tascam also makes several models that could be useful.

The following articles (and other ones easily found by Googling) might be helpful:

<http://www.wirerealm.com/guides/top-10-best-portable-recorders>

<https://www.musicdmagic.com/music-technology/portable-digital-audio-recorder-buying-guide-with-reviews.html>

DX'ers would generally be less interested in microphone based recording since a patch cord is a better way to go. Ability to adjust audio level in an uncompressed mode is advisable though it's also good to have auto-leveling ability as well. Removable media cards are definitely a good thing (as with still and video cameras). Online reviews will not look into RFI, an issue of specific interest to us. DX'ers will have to figure that out on their own (and publish their findings).

C. Crane's more recent offering, the "C. C. Witness," does a reasonable job for on-the-go recording. Like the Pogo, it has a built-in AM / FM radio of limited value. This is what I used on this 2013 recording of WBZ made at my brother-in-law's place at Lake Wylie in Fort Mill, SC. Receiver used: Kaito KA1003 portable.

http://chowdanet.com/markc/dx_audio/wbz-1030_heard_in_sc_20131226_2315z.mp3

(4: Early 2000's to present) Audio patched from receiver into desktop or laptop computer. If your computer has a line-level input, this is a simple matter. This is how I digitized all of the analog formats listed above (items 1 and 2) as well as many airchecks and music LP's, 45's, and cassettes. Newer computers seem to have given up the line-in audio jack so you'll have to use the microphone jack instead. Typically an attenuating resistive pad needs to be inserted in the patch cable.

Total Recorder (<http://www.totalrecorder.com/>) is my preferred software for this though Audacity also is widely used in the DX community.

(5: Mid 2000's to present) Audio patched to computer via an added USB-connected interface board. Sometimes these give better results than a computer's resident sound card. Also, some computers and tablets have no audio input jack at all. Manhattan Products is one of the companies making audio and video capturing interfaces.

This is one: <http://www.manhattan-products.com/hi-speed-usb-audio-video-grabber>

(6: Mid 2000's to present) Audio extracted directly within the computer from an SDR receiver such as Perseus, Excalibur, SDR-IQ, Afedri, Elad, etc.). This is what I have been doing since I used an SDR-IQ in 2007 and my current Perseus receiver since 2009. Again, it is Total Recorder that I team up with the receiver's audio output and that works great.

Most DX audios I've recently posted have been done this way. These include links from this year's pages:

http://www.qsl.net/wa1ion/doc1/audio_march2015.htm

http://www.qsl.net/wa1ion/doc1/audio_aug_to_dec2015.htm

For some interesting background information, read John Bryant's classic "High Tech DXpeditioning" article from 2003: <http://www.dswci.org/specials/tech/hitechdx/hitechdx.html>

Some info is still close to cutting edge and, of course, a good deal is dated. Things have certainly come a long way in the past 12 years.

Smartphone audio capture I haven't tried yet. Guess my tendency would be to look for an audio input jack versus doing speaker to mike. But maybe the portability and ease of use advantages outweigh any audio disadvantages. After all, we're recording AM DX, not the Boston Symphony Orchestra. If the stations can sort out their programming well enough for verification, the solution works. Obviously this is the case.

From: Brandon Jordan, KM4PBQ, Fayette County, TN

I also use SDR - Total Recorder for all of my DX recordings. Do you have any particular reason for using MP3 48 kb/24 kHz mono for your recordings? I have been using MP3 32 kb/22.050 kHz mono and am curious if this isn't optimum.

From: Kraig Krist, KG4LAC

Re: QST Article on SDRs

Flipping thru the January 2016 QST and, beginning on page 30, there's "All-Mode 1 kHz to 1.7 GHz SDR Receiver" by James Forkin, WA3TFS. Very interesting. Includes construction details. \$10 to \$15 for the dongle and some parts one has the ability to create a decent SDR.

From: Dave, AA1JM

I have not made the converter yet but I have been using the SDR in it's VHF mode. It is very sensitive and selective. I have logged 124 different FM broadcasters to date. I have also used it to downlink and converted 138 MHz. weather satellite photographs. A lot of fun for the \$15 eBay investment!

73 for this time Shawn

Remember On A Clear Day You Can Hear Forever

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.



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